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Vladyková J, et al. **Cesk Oftalmol** 1985 May;41(3):161-5 (Eng. Abstr.) **(Cze)**

[Value and limitations of the use of CO2 laser in neurosurgery. Reflexions from a french experience] Roux FX, et al. **Neurochirurgie** 1984;30(5):335-9 (Eng. Abstr.) **(Fre)**

[Possibilities and limits of microsurgery. Pituitary adenomas] Probst C. **Schweiz Rundsch Med Prax** 1984 Aug 7; 73(32):975-81 (Eng. Abstr.) **(Ger)**

[Postoperative courses in space occupying processes of the cranial base] Friedrich P, et al. **Zentralbl Neurochir** 1984; 45(4):276-9 (Eng. Abstr.) **(Ger)**

[Surgical results and clinical analysis of 19 cases of acromegaly] Sugimoto S, et al. **Hokkaido Igaku Zasshi** 1985 Mar;60(2):241-51 (Eng. Abstr.) **(Jpn)**

[Surgery in endocrine disorders. 1. Pituitary tumors] Kuwayama A. **Nippon Geka Gakkai Zasshi** 1984 Sep; 85(9):1014-8 (Eng. Abstr.) **(Jpn)**

[Therapy of Cushing's syndrome and the results--with special reference to Hardy's method] Kuwayama A. **Nippon Rinsho** 1984 Nov;42(11):2474-7 (12 ref.) **(Jpn)**

[Surgery of Craniopharyngiomas] Suzuki J, et al. **No Shinkei Geka** 1985 May;13(5):479-90 **(Jpn)**

[Effect of ketamine-seduxen general anesthesia on neuroendocrine reactions in patients operated on for pituitary adenoma] Usvatova IIa, et al. **Anesteziol Reanimatol** 1984 Nov-Dec;(6):16-20 (Eng. Abstr.) **(Rus)**

[Features of the mediator reaction in patients with tumors of the sella-diencephalic region in the early postoperative period] Usvatova IIa, et al. **Anesteziol Reanimatol** 1984 Sep-Oct;(5):49-53 (Eng. Abstr.) **(Rus)**

[Reaction of the sympathetic-adrenal system of patients with tumors of the sellar-diencephalic region in the postoperative period] Il'icheva RF, et al. **Zh Vopr Neirokhir** 1985 Mar-Apr;(2):35-40 (Eng. Abstr.) **(Rus)**

[Transsphenoidal approach in pituitary adenomas with suprasellar growth] Pastor E, et al. **Zh Vopr Neirokhir** 1984 Sep-Oct;(5):3-6 (Eng. Abstr.) **(Rus)**

[Pituitary microadenoma. Subsequent pregnancies (clinical cases)] Wainstein C, et al. **Rev Chil Obstet Ginecol** 1981; 46(1):20-4 (Eng. Abstr.) **(Spa)**

THERAPY

Surgery and radiation therapy in the management of craniopharyngiomas. Hoogenhout J, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec;10(12):2293-7

Pituitary microadenomas: diagnostic and therapeutic trends. Grimes EM. **J Natl Med Assoc** 1984 Oct;76(10):997-1004 (32 ref.)

Pregnancy and the hyperprolactinemic woman. Molitch ME. **N Engl J Med** 1985 May 23;312(21):1364-70 (98 ref.)

The hormonal effects of pituitary surgery and irradiation: a review of 59 cases. Wittert G, et al. **NZ Med J** 1985 Feb 27;98(773):93-7

ULTRASTRUCTURE

Fibrous bodies in growth hormone-secreting adenomas contain cytokeratin filaments. Neumann PE, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):505-8

Pathobiologic study of pituitary tumors: report of 62 cases with a review of the recent literature. Challa VR, et al. **Hum Pathol** 1985 Sep;16(9):873-84

Bromocriptine effects on cultured human prolactin-producing pituitary adenomas: in vitro ultrastructural, morphometric, and immunoelectron microscopic studies. Hassoun J, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):686-92

Sellar glomangioma. Asa SL, et al. **Ultrastruct Pathol** 1984; 7(1):49-54

[Pituitary adenomas with acromegaly--pathological analysis of light and electron microscopic findings in 60 cases] Zang X. **Chung Hua I Hsueh Tsa Chih** 1984 Aug;64(8):482-5 (Eng. Abstr.) **(Chi)**

[Electron microscopy manifestations of pituitary adenoma with acromegaly and gigantism] Guo YP. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Feb; 18(1):10-2 (Eng. Abstr.) **(Chi)**

[Multidimensional analysis of automatically measured karyometric data on pituitary adenomas] Gottschalk J, et al. **Zentralbl Allg Pathol** 1984;129(3):201-8 (Eng. Abstr.) **(Ger)**

VETERINARY

Pituitary tumour causing multiple endocrinopathies in a dog. Barr SC. **Aust Vet J** 1985 Apr;62(4):127-9

Non-dexamethasone-suppressible, pituitary-dependent hyperadrenocorticism in a dog. Kemppainen RJ, et al. **J Am Vet Med Assoc** 1985 Aug 1;187(3):276-8

Craniopharyngioma in a dog. Hawkins KL, et al. **J Comp Pathol** 1985 Jul;95(3):469-74

The effect of repeated reproduction on the incidence of pituitary tumours in Wistar rats. Pickering CE, et al. **Lab Anim** 1984 Oct;18(4):371-8

Contrast enhancement of spontaneous animal CNS tumors with gadolinium DTPA: a correlation of MRI with x-ray CT. Goldstein EJ, et al. **Physiol Chem Phys Med NMR** 1985;17(1):113-22

[Hypophyseal adenocarcinoma in a horse. A case study] Martens J, et al. **Tierarztl Prax** 1984;12(3):354-8 (Eng. Abstr.) **(Ger)**

PITUITRIN see under **PITUITARY HORMONES, POSTERIOR**

PITYRIASIS

Pityriasis rosea. Marks R. **Aust Fam Physician** 1984 Nov; 13(11):824-5

COMPLICATIONS

Pityriasis rosea eruption in secondary syphilis: an isomorphic phenomenon? Secher L, et al. **Cutis** 1985 Apr;35(4):403-4

DIAGNOSIS

[Gibert's pityriasis rosea. Topographic observations and differential diagnosis] Faucher F, et al. **Tunis Med** 1984 Jul-Aug;62(4):303-5 (Eng. Abstr.) **(Fre)**

DRUG THERAPY

Treatment of lymphomatoid papulosis with methotrexate [letter] Everett MA. **Br J Dermatol** 1984 Nov;111(5):631

ETIOLOGY

Extensive pityriasis alba and atopic dermatitis [letter] Wolf R, et al. **Br J Dermatol** 1985 Feb;112(2):247

Pityriasis rosea Gibert and Mycoplasma pneumoniae infection. Ishibashi A, et al. **J Dermatol (Tokyo)** 1985 Feb; 12(1):97-100

IMMUNOLOGY

Pityriasis rosea (Gibert): abnormal distribution pattern of antigen presenting cells in situ. Bos JD, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):132-7

Immunohistologic studies in pityriasis rosea. Evidence for cellular immune reaction in the lesional epidermis. Aiba S, et al. **Arch Dermatol** 1985 Jun;121(6):761-5

HLA-DR antigen expression on the keratinocyte surface in dermatoses characterized by lymphocytic exocytosis (e.g. pityriasis rosea). Aiba S, et al. **Br J Dermatol** 1984 Sep; 111(3):285-94

Immune complexes and lymphocyte subset in secondary stage pityriasis rosea. Wu YC, et al. **J Dermatol (Tokyo)** 1984 Dec;11(6):541-4

OCCURRENCE

[Incidence pityriasis rosea of Gibert in the Dermatology Service of the Hospital do Servidor Público in the state of São Paulo] de Souza Sittart JA, et al. **Med Cutan Ibero Lat Am** 1984;12(4):336-8 (Eng. Abstr.) **(Por)**

PATHOLOGY

Functional and morphological analysis of the horny layer of pityriasis alba. Urano-Suehisa S, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):164-7

PITYRIASIS RUBRA PILARIS

BLOOD

Pityriasis rubra pilaris, vitamin A and retinol-binding protein: a case study. van Voorst Vader PC, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):430-2

DRUG THERAPY

Stanozolol in the treatment of pityriasis rubra pilaris [letter] Brice SL, et al. **Arch Dermatol** 1985 Sep;121(9):1105-6

Stanozolol in the treatment of pityriasis rubra pilaris. Pavlidakey GP, et al. **Arch Dermatol** 1985 Apr;121(4):546-8

13-cis-retinoic acid for dyskeratinizing diseases--clinicopathological responses. Risch J, et al. **Clin Exp Dermatol** 1984 Sep;9(5):472-83

PITYRIASIS VERSICOLOR see **TINEA VERSICOLOR**

PITYROSPORUM see **MALASSEZIA**

PIVAMPICILLIN see under **AMPICILLIN**

PIZOTYLINE see under **THIOPHENES**

PLACEBOS

A new device for administering placebo alcohol. Mendelson JH, et al. **Alcohol** 1984 Sep-Oct;1(5):417-9

Suggestibility and placebo effect [editorial] Deltito JA. **Clin Exp Rheumatol** 1985 Apr-Jun;3(2):97-8

Credibility of placebo transcutaneous nerve stimulation and acupuncture. Petrie J, et al. **Clin Exp Rheumatol** 1985 Apr-Jun;3(2):151-3

Demand effects for desensitization and two placebos in a dental fear context. Landau DL, et al. **J Behav Ther Exp Psychiatry** 1984 Jun;15(2):115-21

Conditioned placebo responses. Voudouris NJ, et al. **J Pers Soc Psychol** 1985 Jan;48(1):47-53

Clinicians' expectations influence placebo analgesia [letter] Gracely RH, et al. **Lancet** 1985 Jan 5;1(8419):43

Influence of the method of drug administration on analgesic response. Levine JD, et al. **Nature** 1984 Dec 20-1985 Jan 2;312(5996):755-6

The solid gold placebo. Marbach JJ. **NY State Dent J** 1985 May;51(5):278-84 (26 ref.)

Placebo effect in tinnitus management. Duckert LG, et al. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):697-9

[Placebo technics in obstetrical psychoprophylaxis] Cepický P, et al. **Cesk Gynekol** 1984 Aug;49(7):520-1 **(Cze)**

[Functional structure of the placebo reaction] Medvedev VI, et al. **Fiziol Cheloveka** 1984 May-Jun;10(3):458-64 **(Rus)**

ADMINISTRATION & DOSAGE

Dose requirements and hemodynamic effects of transdermal nitroglycerin compared with placebo in patients with congestive heart failure. Jordan RA, et al. **Circulation** 1985 May;71(5):980-6

THERAPEUTIC USE

Placebo-controlled clinical trials in gastroenterology. A position paper of the American College of Gastroenterology. Sachar DB. **Am J Gastroenterol** 1984 Dec;79(12):913-7

Ethics. A perspective on the proper use of placebos in research and therapy. Geden EA. **AORN J** 1984 Dec; 40(6):912-6

Evolution of acute hepatitis B in homosexual men to chronic hepatitis B. Prospective study of placebo recipients in a hepatitis B vaccine trial. Shah N, et al. **Arch Intern Med** 1985 May;145(5):881-2

Psychotherapy: the treatment of choice for neurotic/reactive depression? Parker G. **Aust NZ J Psychiatry** 1985 Mar; 19(1):36-43

Placebo therapy for postmenopausal osteoporosis. Elias C, et al. **Calcif Tissue Int** 1985 Jan;37(1):6-13

Placebo therapy in rheumatoid arthritis. Langley GB, et al. **Clin Exp Rheumatol** 1983 Jan-Mar;1(1):17-21

Placebos and the power of negative thinking [editorial] Edmeads J. **Headache** 1984 Nov;24(6):342-3

A comparative oral analgesic study of indoprofen, aspirin, and placebo in postpartum pain. Sunshine A, et al. **J Clin Pharmacol** 1985 Jul-Aug;25(5):374-80

The placebo effect [letter] Baughan DM. **JAMA** 1985 May 3;253(17):2493

Placebo--the universal drug. Gross F. **Methods Inf Med** 1984 Oct;23(4):176-82

Role of initial pain intensity in placebo-induced analgesia in ureteral colic [letter] Grossi E, et al. **Pain** 1985 May; 22(1):97-9

Placebos, patients, and physicians. Spiro HM. **Pharos** 1984 Spring;47(2):2-6

PLACENTA

see related
MATERNAL-FETAL EXCHANGE

Genetic amniocentesis: impact of placental position upon the risk of pregnancy loss. Crane JP, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):813-6

Dickinson's sign: focal uterine softening in early pregnancy and its correlation with the placental site. Munsick RA. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):799-802

Plasma levels of adenosine 3',5'-monophosphate in the fetoplacental unit and maternal circulation at delivery. Weintraub Z, et al. **Biol Neonate** 1985;47(3).186-8

On the capillary-tube viscometry of placental blood. Whittington RB, et al. **Biorheology** 1984;Suppl 1:111-4

Criteria for evaluating perfusion experiments and presentation of results. Challier JC. **Contrib Gynecol Obstet** 1985;13:32-9 (19 ref.)

Human placenta in vitro: characterization during 12 h of dual perfusion. Miller RK, et al. **Contrib Gynecol Obstet** 1985; 13:77-84

Past, present, and future of placental perfusion experiments. Panigel M. **Contrib Gynecol Obstet** 1985;13:132-6

Dual in vitro perfusion of an isolated lobe of human placenta: method and instrumentation. Schneider H, et al. **Contrib Gynecol Obstet** 1985;13:40-7

The shadow of life: psychosocial explanations for placenta rituals. Davidson JR. **Cult Med Psychiatry** 1985 Mar; 9(1):75-92

Placental-site trophoblastic tumor (trophoblastic pseudotumor): case report demonstrating failure of chemotherapy, surgery, and radiotherapy to control metastatic disease. Samlowski WE, et al. **Gynecol Oncol** 1985 May;21(1):111-7

Nontraditional treatment of mycosis fungoides in a dog. Bender WM. **J Am Vet Med Assoc** 1984 Oct 15; 185(8):900-1

Human placenta: a convenient source of homologous material, for diagnosis and therapy of inborn errors of metabolism. Mathieu M, et al. **J Inherited Metab Dis** 1984; 7(4):175-8

Placental site trophoblastic tumor of the uterus: an ultrastructural and immunohistochemical study. Berger G, et al. **Ultrastruct Pathol** 1984;6(4):319-29

[The placenta. Ultrasonic and hormonal changes in fetal growth retardation] Ruseva R, et al. **Akush Ginekol (Sofiia)** 1985;24(1):16-9 (Eng. Abstr.) **(Bul)**

[Safety belts and fetal fractures of the cranium (letter)] Kristensen GB. **Ugeskr Laeger** 1984 Nov 12;146(46):3553-4

(Dan)

[Nonspecific admixtures in placental albumin preparations] Migunov VN, et al. **Gematol Transfuziol** 1984 Nov; 29(11):50-5 **(Rus)**

[The reliability of using vacuum aspiration after labor] Mlynček M, et al. **Cesk Gynekol** 1984 Dec;49(10):717-20 (Eng. Abstr.) **(Slo)**

ANALYSIS

Immunodetection of bovine chorionic somatomammotrophin (bCS). Verstegen J, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):403-10

Laminin distribution in human decidua and immature placenta. An immunoelectron microscopic study (avidin-biotin-peroxidase complex method). Charpin C, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):822-6

Estrogen and progesterone receptor and hormone levels in human myometrium and placenta in term pregnancy. Khan-Dawood FS, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):501-5

Changes in the distribution of fibronectin in the placenta during normal human pregnancy. Yamaguchi Y, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):715-8

Isolation and fractionation of ferritin from human term placenta--a source for human isoferritins. Konijn AM, et al. **Anal Biochem** 1985 Feb 1;144(2):423-8

Partial purification from human mononuclear cells and placental plasma membranes of an insulin mediator which stimulates pyruvate dehydrogenase and suppresses glucose-6-phosphatase. Suzuki S, et al. **Arch Biochem Biophys** 1984 Dec;235(2):418-26

Effect of oral cadmium administration to female rats during pregnancy on zinc, copper, and iron content in placenta, foetal liver, kidney, intestine, and brain. Sowa B, et al. **Arch Toxicol** 1985 Feb;56(4):256-62

Isolation of choriomammotropin from the ovine placentome. Harper CM, et al. **Aust J Biol Sci** 1984;37(1-2):63-70

Fibroblast growth factor in the human placenta. Gospodarowicz D, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):554-62

gamma-Carboxyglutamic acid content in human kidney and placenta. Pecci L, et al. **Biochem Int** 1983 May;6(5):593-8

Structure of covalent insulin-receptor complexes (I-S-S-R) in isolated rat adipocytes and human placental membranes. Clark S, et al. **Biochem J** 1985 Jul 15;229(2):513-9

Effects of placenta and maternal serum on prolactin secretion in vitro. Gorospe WC, et al. **Biol Reprod** 1985 Mar; 32(2):279-83

Differential effect of isolated placental isoferritins on in vitro T-lymphocyte function. Matzner Y, et al. **Br J Haematol** 1985 Mar;59(3):443-8

The content of placental protein 12 in decidua and fetal membranes is greater than in placenta. Rutanen EM, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1240-4

The widely-distributed tumour protein, oncomodulin, is a normal constituent of human and rodent placentas. MacManus JP, et al. **Cancer Lett** 1985 Jun;27(2):145-51

Digoxin immunoreactivity in cord and maternal serum and placental extracts. Partial characterization of immunoreactive substances by high-performance liquid chromatography and inhibition of Na+, K+-ATPase. Diamandis EP, et al. **Clin Biochem** 1985 Feb;18(1):48-55

Comparison of three methods for investigating placental protein 12(PP12)-like immunoreactive substance from preovulatory follicular fluid and purified PP12 from human placenta. Koistinen R. **Clin Chim Acta** 1984 Aug 31; 141(2-3):235-40

The lipid composition of ovine placental tissue homogenate and its subcellular fractions. Shand JH, et al. **Comp Biochem Physiol [B]** 1984;79(2):291-5

An attempt to identify alpha-adrenoceptors in the human placenta. Gardey-Levassort C, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:85-8

Monkey placenta, decidua, amnion or chorion does not contain measurable dopamine receptors. Rotten D, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:80-4

A new member of the prolactin-growth hormone gene family expressed in mouse placenta. Linzer DI, et al. **EMBO J** 1985 Jun;4(6):1419-23

Characterization of the 3,3',5-triiodo-L-thyronine-binding site on plasma membranes from human placenta. Alderson R, et al. **Endocrinology** 1985 Jun;116(6):2621-30

Immunoreactive and biologically active growth hormone-releasing factor in the rat placenta. Baird A, et al. **Endocrinology** 1985 Oct;117(4):1598-601

Modulation of bovine placental prostaglandin synthesis by an endogenous inhibitor. Shemesh M, et al. **Endocrinology** 1984 Oct;115(4):1401-5

Investigation of beta-endorphin and adrenocorticotropic hormone in placenta, amniotic membrane and umbilical cord using an immunoperoxidase technique. Reinthaller A, et al. **Gynecol Obstet Invest** 1985;19(3):135-8

High affinity glucocorticoid receptors in human intrauterine tissues. López Bernal A, et al. **Horm Metab Res** 1985 May; 17(5):265-6

Vitamin B6 supplementation during pregnancy and the vitamin-B6-status of the reproductive product. Reithmayer F, et al. **Int J Vitam Nutr Res** 1984;54(2-3):270-1

Normal organic and inorganic mercury levels in the human feto-placental system. Suzuki T, et al. **J Appl Toxicol** 1984 Oct;4(5):249-52

Isolation and characterization of human placenta fibronectin. Isemura M, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):163-9

Subunit structure of the purified human placental insulin receptor. Intramolecular subunit dissociation by sodium dodecyl sulfate-polyacrylamide gel electrophoresis. Boyle TR, et al. **J Biol Chem** 1985 Jul 15;260(14):8593-600

Human placenta type V collagens. Evidence for the existence of an alpha 1(V) alpha 2(V) alpha 3(V) collagen molecule. Niyibizi C, et al. **J Biol Chem** 1984 Nov 25;259(22):14170-4

Isolation and characterization of thrombomodulin from human placenta. Salem HH, et al. **J Biol Chem** 1984 Oct 10;259(19):12246-51

Polylactosamine glycosylation on human fetal placental fibronectin weakens the binding affinity of fibronectin to gelatin. Zhu BC, et al. **J Biol Chem** 1985 Apr 10; 260(7):4041-5

Immunocytochemical localization of relaxin in human decidua and placenta. Koay ES, et al. **J Clin Endocrinol Metab** 1985 May;60(5):859-63

Purification of insulin receptor from human placenta. Jacobs S, et al. **Methods Enzymol** 1985;109:399-405

DNA-binding proteins of human placenta: purification and characterization of an endonuclease. Premeela T, et al. **Mol Biol Rep** 1984 Dec;10(2):91-7

Comparisons of human placental lactogen mRNA levels from placentas of diabetics and normal term. Mills NC, et al. **Mol Cell Endocrinol** 1985 Jan;39(1):61-9

Preliminary report: immunoperoxidase-linked human placental lactogen as a histopathologic index of perinatal morbidity and mortality. Altshuler G, et al. **Pediatr Pathol** 1983 Oct-Dec;1(4):469-74

Tissue factor (coagulation factor III) is present in placental microvilli and cofractionates with microvilli membrane proteins. Carson SD, et al. **Placenta** 1985 Jan-Feb;6(1):5-12

Immunohistochemical localization of pregnancy-associated plasma protein A (PAPP-A) in placentae from normal and pre-eclamptic pregnancies. Dobashi K, et al. **Placenta** 1984 May-Jun;5(3):205-12

Unusual apparently constitutive interferons and antagonists in human placental blood. Duc-Goiran P, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5010-4

Identification of proliferin mRNA and protein in mouse placenta. Linzer DI, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4356-9

Insulin-related genes expressed in human placenta from normal and diabetic pregnancies. Liu KS, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3868-70

Purification of a specific placental plasminogen activator inhibitor by monoclonal antibody and its complex formation with plasminogen activator. Astedt B, et al. **Thromb Haemost** 1985 Feb 18;53(1):122-5

Preparation of thrombomodulin from human placenta. Kurosawa S, et al. **Thromb Res** 1985 Feb 1;37(3):353-64

Distribution of fibronectin and other connective tissue components in human placenta. Isemura M, et al. **Tohoku J Exp Med** 1985 Apr;145(4):373-9

The immunocytochemical location of two membrane-associated placental tissue proteins in human and cynomolgus monkey placentae. Inaba N, et al. **Tumour Biol** 1984;5(2):75-85

[Evaluation of the secretion of placental lactogenic hormone by histoimmunologic study of the placenta] Patricio B, et al. **Arch Anat Cytol Pathol** 1984;32(6):353-5 (Eng. Abstr.) **(Fre)**

[Immunohistochemical determination of maternal and child blood groups (ABO) in mature placental tissue] Pedal I, et al. **Z Rechtsmed** 1985;94(2):145-53 (Eng. Abstr.) **(Ger)**

[First quantitative data obtained by HPLC of sugars present in hydrolysed placental acids] Laureti E, et al. **Minerva Ginecol** 1985 Apr;37(4):129-31 (Eng. Abstr.) **(Ita)**

[Quantitative determination of several types of collagen in the placenta as a function of its maturation] Laureti E, et al. **Minerva Ginecol** 1985 Apr;37(4):133-6 (Eng. Abstr.) **(Ita)**

[Beta-adrenergic receptor in bronchial asthma. Part 2. Human placental beta-adrenergic receptor in normal and asthmatic subjects] Sunaga Y, et al. **Arerugi** 1985 Feb; 34(2):88-95 (Eng. Abstr.) **(Jpn)**

[Dynamics and significance of transferrin receptors in various human placental cell membranes] Hirohashi T. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1254-60 (Eng. Abstr.) **(Jpn)**

[Nephritogenic glycoprotein isolated from human placenta--purification and isolation by sonication] Iioka H, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1180-6 (Eng. Abstr.) **(Jpn)**

[Isolation and purification of placental coagulation inhibitor] Shidara Y. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Dec; 36(12):2583-92 (Eng. Abstr.) **(Jpn)**

[Acting point of placental coagulation inhibitor] Shidara Y. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan;37(1):1-8 (Eng. Abstr.) **(Jpn)**

[Comparative study of human transcortin isolated from normal donor blood and retroplacental blood] Vashkevich II, et al. **Biokhimiia** 1984 Dec;49(12):1977-85 (Eng. Abstr.) **(Rus)**

[Transplacental transfer of chemical substances in man] Pontuch A, et al. **Bratisl Lek Listy** 1984 Jul;82(1):779-83 (Eng. Abstr.) **(Slo)**

ANATOMY & HISTOLOGY

Correlation between number of placental detachments and amount of postpartum uterine involution in mice. Shimizu K, et al. **Acta Anat (Basel)** 1985;122(2):87-90

Histology of the chorioallantoic placenta of the golden-rumped elephant shrew (Rhynchocyon chrysopygus Gunther, 1881). Oduor-Okelo D. **Anat Anz** 1984;157(5):395-407

The structure of the tupaia placenta. I. Histology and vascularisation. Luckhardt M, et al. **Anat Embryol (Berl)** 1985;171(2):201-10

Effects of age, parity and length of pregnancy on the morphology and histology of human placenta. Ara G, et al. **Bangladesh Med Res Counc Bull** 1984 Dec;10(2):53-8

Comparison of ultrasonic and direct biparietal diameter measurements and placental localization. Staisch KJ, et al. **Biol Res Pregnancy Perinatol** 1984;5(4):139-42

Basic morphology of the fetal and maternal circuits in the human placenta. Kaufmann P. **Contrib Gynecol Obstet** 1985;13:5-17

Smoking in pregnancy: the influence on percentile birth weight, mean birth weight, placental weight, menstrual age, perinatal mortality and maternal diastolic blood pressure. van der Velde WJ, et al. **Gynecol Obstet Invest** 1985; 19(2):57-63

Genetic amniocentesis: significance of intraamniotic bleeding and placental location. Lenke RR, et al. **Obstet Gynecol** 1985 Jun;65(6):798-801

Notes on placentation in the Suina. Macdonald AA, et al. **Placenta** 1985 Jan-Feb;6(1):83-91

Morphogenesis and fine structure of the near-term placenta of Talpa europaea: I. Endotheliochorial labyrinth. Malassiné A, et al. **Placenta** 1984 Mar-Apr;5(2):145-58

Continuing growth and development of the third-trimester human placenta. Sands J, et al. **Placenta** 1985 Jan-Feb; 6(1):13-21

Possible applications of digital analysis of ultrasonic images of the placenta. Crawford DC, et al. **Ultrasound Med Biol** 1985 Jan-Feb;11(1):79-84

[Changes in the ultrasonic picture of the placenta with advancing pregnancy] Ruseva R, et al. **Akush Ginekol (Sofiia)** 1984;23(5):381-7 (Eng. Abstr.) **(Bul)**

[Morphology of the placenta in the ultrasonic image] Malý Z, et al. **Cesk Gynekol** 1985 Feb;50(1):32-7 (Eng. Abstr.) **(Cze)**

[Morphometric studies of the placentas of hypertrophic newborn infants] Estel C, et al. **Zentralbl Gynakol** 1984; 106(14):1005-9 (Eng. Abstr.) **(Ger)**

[Effect of early sonographic placental maturity on birth weight] Köpernik H, et al. **Zentralbl Gynakol** 1985; 107(11):683-7 (Eng. Abstr.) **(Ger)**

[Echographic gross morphology and volumetry of human placenta in utero with regard to clinical significance] Kobayashi T. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr;37(4):562-70 (Eng. Abstr.) **(Jpn)**

[Studies on the relationship between quantitative histometry and obstetric complications] Ogino M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1793-800 (Eng. Abstr.) **(Jpn)**

[Principal findings in 1000 placentas of the Instituto Nacional de Perinatología, Desarrollo Integral de la Familia. Preliminary communication] Fuentes C. **Ginecol Obstet Mex** 1984 Jun;52(326):142-8 (Eng. Abstr.) **(Spa)**

[Placental weights at the National Institute of Perinatology] Fuentes Olano C, et al. **Ginecol Obstet Mex** 1984 Feb; 52(322):47-9 (Eng. Abstr.) **(Spa)**

[Analysis of pregnancies longer than 30 weeks having an echographic grade III placenta] Lattus J, et al. **Rev Chil Obstet Ginecol** 1984;49(3):169-74 **(Spa)**

BLOOD SUPPLY

Intervillous blood flow during caesarean section with prophylactic ephedrine and epidural anaesthesia. Hollmén AI, et al. **Acta Anaesthesiol Scand** 1984 Aug;28(4):396-400

Placenta flow reduction in pregnant smokers. Andersen KV, et al. **Acta Obstet Gynecol Scand** 1984;63(8):707-9

Effects of theophylline on small human placental arteries in vitro. Nielsen-Kudsk JE. **Acta Pharmacol Toxicol (Copenh)** 1985 Jan;56(1):14-9

Enprofylline and theophylline on small human placental arteries: studies of in vitro effects and mode of action. Nielsen-Kudsk JE. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb;56(2):176-82

Cardiac output distribution and uteroplacental blood flow in the pregnant rabbit: a comparative study. Johnson RL, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):682-6

Failure of exogenous prostacyclin to change placental and fetal blood flow in preeclampsia. Jouppila P, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):661-5

Ritodrine infusion during late pregnancy: effects on fetal and placental blood flow, prostacyclin, and thromboxane. Jouppila P, et al. **Am J Obstet Gynecol** 1985 Apr 15; 151(8):1028-32

Ovine placental vascular response to the local application of prostacyclin. Landauer M, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):460-4

The effect of prostacyclin on angiotensin II-induced placental vasoconstriction. Parisi VM, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):444-9

READEX FICHE pages tightly bound

Flow velocity waveforms in the maternal uteroplacental and fetal umbilical placental circulations. Trudinger BJ, et al. **Am J Obstet Gynecol** 1985 May 15;152(2):155–63

Spiral (uteroplacental) arteries of the human placental bed show the presence of amniotic basement membrane antigens. Wells M, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):973–7

Immunohistochemical findings in acute atherosis associated with intrauterine growth retardation. Labarrere C, et al. **Am J Reprod Immunol Microbiol** 1985 Apr;7(4):149–55

The blood vessels of the cat girdle placenta. Observations on corrosion casts, scanning electron microscopical and histological studies. II. Fetal vasculature. Leiser R, et al. **Anat Embryol (Berl)** 1984;170(2):209–16

Regional anaesthesia and uterine blood flow. Hollmén AI, et al. **Ann Chir Gynaecol** 1984;73(3):149–52

Vascular changes in placentae from cases of materno–fetal rhesus incompatibility. Barresi G, et al. **Appl Pathol** 1983 Nov–Dec;1(6):310–6

Morphology of fetal placental stem arteries in hypertensive disorders ('toxemia') of pregnancy. Las Heras J, et al. **Appl Pathol** 1983 Nov–Dec;1(6):301–9

Effects of exercise on fetal–placental growth and uteroplacental blood flow in the rat. Garris DR, et al. **Biol Neonate** 1985;47(4):223–9

Placental blood flow during caesarean section performed under subarachnoid blockade. Jouppila P, et al. **Br J Anaesth** 1984 Dec;56(12):1379–83

Fetal umbilical artery flow velocity waveforms and placental resistance: pathological correlation. Giles WB, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):31–8

Uteroplacental blood flow velocity–time waveforms in normal and complicated pregnancy. Trudinger BJ, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):39–45

Fetal umbilical artery flow velocity waveforms and placental resistance: clinical significance. Trudinger BJ, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):23–30

The development of a dynamic model for microvascular research and practice using human placenta: a preliminary report. Waterhouse N, et al. **Br J Plast Surg** 1985 Jul; 38(3):389–93

Detection and prevention of tissue injury during hypoxia and ischemia. Hearse DJ. **Contrib Gynecol Obstet** 1985;13:48–58

Influence of ischemia and artificial perfusion on placental ultrastructure and morphometry. Kaufmann P. **Contrib Gynecol Obstet** 1985;13:18–26

Fetal vasculature of the human placenta: scanning electron microscopy of microvascular casts. Leiser R. **Contrib Gynecol Obstet** 1985;13:27–31

Autacoid receptors in the human fetoplacental vasculature. Maguire MH, et al. **Contrib Gynecol Obstet** 1985;13:170–2

Application of the parametric scan in the investigation of uteroplacental blood flow. Bódis J, et al. **Eur J Nucl Med** 1985;10(5–6):286–7

The making of the placental bed. Robertson WB, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Dec;18(5–6):255–66

Determination of the intervillous perfusion index in pregnancies with intrauterine growth retardation. Bódis J, et al. **Gynecol Obstet Invest** 1985;19(2):89–91

Prostacyclin does not influence placental blood pool in vivo. Husslein P, et al. **Gynecol Obstet Invest** 1985;19(2):78–81

Effects of nifedipine on human placental arteries. Maigaard S, et al. **Gynecol Obstet Invest** 1984;18(4):217–24

Non–invasive radioisotopic evaluation of placental blood flow. Maini CL, et al. **Gynecol Obstet Invest** 1985; 19(4):196–206

Velamentous insertion of the umbilical cord and vasa previa. Paavonen J, et al. **Int J Gynaecol Obstet** 1984 Jun; 22(3):207–11

What we have learned about placental circulation. Ramsey EM. **J Reprod Med** 1985 Apr;30(4):312–7

Effects of dihydralazine infusion on the fetoplacental blood flow and maternal prostanoids. Jouppila P, et al. **Obstet Gynecol** 1985 Jan;65(1):115–8

Fetal capillaries of the villous stroma in the full–term diabetic human placenta: an electron microscopic study on the White's Class A. Kami K. **Okajimas Folia Anat Jpn** 1985 Mar;61(6):465–81

Maternal vascular lesions in placentae of small–for–gestational–age infants. Althabe O, et al. **Placenta** 1985 May–Jun;6(3):265–76

Morphometric studies of fetal placental stem arteries in hypertensive disorders ('toxaemia') of pregnancy. Las Heras J, et al. **Placenta** 1985 May–Jun;6(3):217–27

Evaluation of the Xe–133 clearance method for indirect placental blood flow determination. Schmitt RM, et al. **Placenta** 1984 Nov–Dec;5(6):495–511

Experimental microarterial grafts: the use of freeze–dried human placental vessels as heterografts. Chow SP, et al. **Plast Reconstr Surg** 1985 May;75(5):703–6

Uteroplacental blood flow in pregnancy induced hypertension. Lunell NO, et al. **Scand J Clin Lab Invest [Suppl]** 1984;169:28–35

The effect of bricanyl on placental circulation in late toxaemia of pregnancy. Csákány MG, et al. **Ther Hung** 1982;30(3):138–40

[Current concepts of the physiology of uteroplacental circulation] Atanasov A, et al. **Akush Ginekol (Sofiia)** 1985; 24(2):66–72 (36 ref.) (Eng. Abstr.) **(Bul)**

[Perfusion of the intervillous space in the human placenta measured by radioactive isotopes] Andersen KV, et al. **Ugeskr Laeger** 1985 Mar 18;147(12):1018–24 (Eng. Abstr.) **(Dan)**

[Utero–placental circulation (letter)] Schaaps JP, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(3):395–6 **(Fre)**

[Vascular factors in the pathogenesis of pre–eclampsia: recent findings] Foidart JM, et al. **Rev Fr Gynecol Obstet** 1984 Apr;79(4):249–52 (Eng. Abstr.) **(Fre)**

[Placental villous stem vessel occlusions. Studies of a twin placenta retained in utero following selective sectio parva] Bassermann R, et al. **Geburtshilfe Frauenheilkd** 1984 Sep; 44(9):566–9 (Eng. Abstr.) **(Ger)**

[Ultrastructural studies of vacuole formation in arterial chorionic vessels of the mature human placenta] Röckelein G, et al. **Z Geburtshilfe Perinatol** 1985 Mar–Apr; 189(2):65–8 (Eng. Abstr.) **(Ger)**

[Uteroplacental circulation and functional status of the fetoplacental unit in risk pregnancies with special reference to late gestosis] Anton W, et al. **Zentralbl Gynakol** 1985; 107(6):339–47 (Eng. Abstr.) **(Ger)**

[Placental perfusion, endocrine parameters of pregnancy and cardiotocographic non–stress tests in cases of intrauterine retardation] Doszpod J, et al. **Zentralbl Gynakol** 1984; 106(21):1413–8 (Eng. Abstr.) **(Ger)**

[Effect of short duration euphylline infusion on the uteroplacental blood pool] Paulin F, et al. **Zentralbl Gynakol** 1985;107(6):348–56 (Eng. Abstr.) **(Ger)**

[Relation of uteroplacental circulation and morphologic findings in myometrial and decidual arteries in diabetic pregnancy] Semmler K, et al. **Zentralbl Gynakol** 1985; 107(6):329–38 (Eng. Abstr.) **(Ger)**

[Measurement of uteroplacental circulation with 113m indium in diabetic pregnancy] Semmler K, et al. **Zentralbl Gynakol** 1985;107(13):793–802 (Eng. Abstr.) **(Ger)**

[A new radioisotope method for the study of placental circulation in intrauterine growth retardation] Bódis J, et al. **Orv Hetil** 1985 Jan 6;126(1):11–5 (Eng. Abstr.) **(Hun)**

[Study on placental blood flow in late pregnancy by intravenous 99mTc method] Kitagawa H. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jun;37(6):964–72 (Eng. Abstr.) **(Jpn)**

[Effect of propranolol on the vascular resistance of the human placenta perfused in vitro] Samberger M, et al. **Ginekol Pol** 1984 Dec;55(12):895–900 (Eng. Abstr.) **(Pol)**

[Regional blood flow during pregnancy] Davydov SN, et al. **Akush Ginekol (Mosk)** 1984 Dec;(12):3–5 (50 ref.) **(Rus)**

[Subcutaneous varicose veins in relation to the localization of placenta] Lyzyn MA, et al. **Sov Med** 1984;(10):22–5 (Eng. Abstr.) **(Rus)**

[Trauma of the fetal vessels during amniocentesis] Sepúlveda W, et al. **Rev Chil Obstet Ginecol** 1984;49(2):99–103 (Eng. Abstr.) **(Spa)**

CYTOLOGY

Glucose transport across the basal plasma membrane of human placental syncytiotrophoblast. Johnson LW, et al. **Biochim Biophys Acta** 1985 Apr 26;815(1):44–50

Human placental Hofbauer cells promote mitogen induced T cell proliferation. Zaccheo D, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1879–84

In vitro growth and chromosome constitution of placental cells. II. Hydatidiform moles. Hunt PA, et al. **Cytogenet Cell Genet** 1985;39(1):7–13

In vitro growth and chromosome constitution of placental cells. I. Spontaneous and elective abortions. Hunt PA, et al. **Cytogenet Cell Genet** 1985;39(1):1–6

A morphological study of granulated metrial gland cells and trophoblast cells in the labyrinthine placenta of the mouse. Stewart I. **J Anat** 1984 Dec;139 (Pt 4):627–38

Genetic identification of tissue of origin of cellular populations within the mouse placenta. Rossant J, et al. **J Embryol Exp Morphol** 1985 Apr;86:177–89

Isolation of macrophages from human placenta. Uren S, et al. **J Immunol Methods** 1985 Apr 8;78(1):25–34

An immunohistological comparison of the secretory capacity of villous and extravillous trophoblast in the human placenta. Gosseye S, et al. **Placenta** 1984 Jul–Aug; 5(4):329–47

Morphological aspects of placental ontogeny and phylogeny. Pijnenborg R, et al. **Placenta** 1985 Mar–Apr;6(2):155–62

Extracellular binding of calcium in the guinea–pig placenta. Stulc J, et al. **Placenta** 1985 May–Jun;6(3):259–63

Human placental syncytiotrophoblastic Mr 75,000 polypeptide defined by antibodies to a synthetic peptide based on a cloned human endogenous retroviral DNA sequence. Suni J, et al. **Proc Natl Acad Sci USA** 1984 Oct; 81(19):6197–201

DRUG EFFECTS

Prostaglandin production and stimulation by angiotensin II in the isolated perfused human placental cotyledon. Glance DG, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):387–91

Effects of cadmium on the placental uptake and transport to the fetus of nutrients. Danielsson BR, et al. **Biol Res Pregnancy Perinatol** 1984;5(3):93–101

Fetotoxicity of inorganic mercury in the mouse: distribution and effects on nutrient uptake by placenta and fetus. Danielsson BR, et al. **Biol Res Pregnancy Perinatol** 1984; 5(3):102–9

Effect of nicotine on AIB transport in the perfused human placenta. Browne MJ, et al. **Contrib Gynecol Obstet** 1985; 13:137–8

Vascular actions of VIP, substance P and neurotensin on the isolated perfused human fetal placenta. de Moura RS, et al. **Contrib Gynecol Obstet** 1985;13:174–5

Influence of human chorionic gonadotropin and prostaglandins on the steroid metabolism of the perfused human placenta. Wolf AS, et al. **Contrib Gynecol Obstet** 1985;13:162–4

Influence of fenoterol on glucose utilization by human placental tissue in an in vitro perfusion system. Zrubek H, et al. **Contrib Gynecol Obstet** 1985;13:168–9

The effect of protein and RNA synthesis inhibitors on the synthesis and secretion of hCG, alpha– and beta–hCG subunits, in organ culture. Lorberboum H, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Sep;18(1–2):57–69

Effects of intra–amniotic isoxsuprine on amino acid placental transfer in rats. Garzetti GG, et al. **Gynecol Obstet Invest** 1985;19(3):143–5

Uteroplacental blood flow in pregnancy hypertension after the administration of a beta–adrenoceptor blocker, pindolol. Lunell NO, et al. **Gynecol Obstet Invest** 1984; 18(5):269–74

Effect of administration of progesterone on beta hCG blood level in early pregnancy. Preliminary report. Yosef SM, et al. **Gynecol Obstet Invest** 1984;18(2):113–5

Ethanol and fetal nutrition: effect of chronic ethanol exposure on rat placental growth and membrane–associated folic acid receptor binding activity. Fisher SE, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):645–9

The influence of prostaglandins upon the umbilical and placental circulation in human in vitro. Czekanowski R, et al. **Mater Med Pol** 1984 Apr–Dec;16(2–4):108–15

Structural changes of placenta following maternal administration of acetaldehyde in rat. Sreenathan RN, et al. **Z Mikrosk Anat Forsch** 1984;98(4):597–604

Effects of busulfan on the placental labyrinth of the rat. Zöltzer H. **Z Mikrosk Anat Forsch** 1985;99(1):129–45

[Effect of trental on placental transport function and fetal development in hypotrophy] Kucheriavenko AN. **Akush Ginekol (Mosk)** 1985 Apr;(4):67–9 **(Rus)**

[Influence of anticarcinogenic agents on the transplacental carcinogenic effect of N–nitroso–N–ethylurea] Bespalov VG, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):73–6 (Eng. Abstr.) **(Rus)**

[Influence of retinol acetate and carbon tetrachloride on the transplacental carcinogenic effect of N–nitrosoethylurea] Bespalov VG, et al. **Farmakol Toksikol** 1984 Sep–Oct; 47(5):67–70 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

On the value of placental alkaline phosphatase as a marker for gynecological malignancy. Stigbrand T, et al. **Acta Obstet Gynecol Scand** 1985;64(2):99–103

Placental alkaline phosphatase in testicular germ cell tumours and in carcinoma–in–situ of the testis. An immunohistochemical study. Jacobsen GK, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1984 Sep; 92(5):323–9

Are CA125 and placental alkaline phosphatase the same antigen? [letter] Davies JO, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):419–20

17 beta–hydroxysteroid and 20 alpha–hydroxysteroid dehydrogenase activities of human placental microsomes: kinetic evidence for two enzymes differing in substrate specificity. Blomquist CH, et al. **Arch Biochem Biophys** 1985 May 15;239(1):206–15

5–Bromo–2'–deoxyuridine induces placental alkaline phosphatase biosynthesis in cultured choriocarcinoma cells. Ito F, et al. **Arch Biochem Biophys** 1984 Sep;233(2):830–7

Placental steroid sulphatase deficiency. Attenburrow AA, et al. **Arch Dis Child** 1984 Dec;59(12):1187–9

Placental steroid sulphatase deficiency [letter] Lykkesfeldt G. **Arch Dis Child** 1985 Jun;60(6):595

Activities in the placenta and fetal membranes of enzymes involved in energy metabolism. Herrmann U Jr, et al. **Arch Gynecol** 1985;236(4):249–54

Plasma angiotensin I and serum placental leucine aminopeptidase (P–LAP) in pre–eclampsia. Mizutani S, et al. **Arch Gynecol** 1985;236(3):165–72

Studies on acylneuraminate cytidylyltransferase from human placenta. Kolisis FN. **Arch Int Physiol Biochim** 1984 Oct; 92(3):179–84

A single step procedure for purification of estradiol 17 beta–dehydrogenase from human placenta. Mendoza–Hernández G, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):477–81

A rapid, novel high performance liquid chromatography method for the purification of glutathione S–transferase: an application to the human placental enzyme. Radulovic LL, et al. **Biochem Biophys Res Commun** 1985 Apr 16; 128(1):75–81

Stereoselective and regioselective hydroxylation of warfarin and selective O–dealkylation of phenoxazone ethers in human placenta. Rettie AE, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1013–21

Inactivation of human placental aromatase by 6 alpha– and 6 beta–hydroperoxyandrostenedione. Tan L, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):613–20

Kinetic properties of placental aminopeptidase A: N-terminal degradation of angiotensin II. Sakura H, et al. **Biochem Int** 1983 May;6(5):609-15

Hydroperoxides as inactivators of aromatase: 10 beta-hydroperoxy-4-estrene-3,17-dione, crystal structure and inactivation characteristics. Covey DF, et al. **Biochemistry** 1984 Nov 6;23(23):5398-406

Purification and properties of aldehyde reductases from human placenta. Das B, et al. **Biochim Biophys Acta** 1985 Jul 5;840(3):324-33

Iduronate sulfatase from human placenta. Di Natale P, et al. **Biochim Biophys Acta** 1985 May 8;839(3):258-61

Further purification and characterization of human 3-methyladenine-DNA glycosylase. Evidence for broad specificity. Gallagher PE, et al. **Biochim Biophys Acta** 1984 Sep 10;782(4):394-401

Behavior of mouse placental and uterine estrogen sulfotransferase during chromatography and other procedures. Hobkirk R, et al. **Biochim Biophys Acta** 1985 Apr 5;828(2):123-9

Purification of a calcium-activated neutral proteinase from human placenta. Kubota S, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):379-83

Optimal conditions for detection of reverse transcriptase activity in human placentas. Leong JC, et al. **Biochim Biophys Acta** 1984 Sep 10;782(4):441-5

Essential fatty acid interconversion during gestation in the rat. Ravel D, et al. **Biochim Biophys Acta** 1985 Jan 9; 833(1):161-4

Human placental aromatase activity: use of a C18 reversed-phase cartridge for separation of tritiated water or steroid metabolites in placentas from both smoking and non-smoking mothers in vitro. Pasanen M. **Biol Res Pregnancy Perinatol** 1985;6(2):94-9

Detection of placental-type alkaline phosphatase in ovarian cancer. McDicken IW, et al. **Br J Cancer** 1985 Jul; 52(1):59-64

Radionuclide imaging of ovarian tumours with 123I-labelled monoclonal antibody (NDOG2) directed against placental alkaline phosphatase. Davies JO, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):277-86

Phosphatidylcholine and 4-methylumbelliferyl phosphorylcholine hydrolysis by purified placental sphingomyelinase. Freeman SJ, et al. **Can J Biochem Cell Biol** 1985 Apr;63(4):272-7

Kinetic comparison of the 3 beta-hydroxysteroid dehydrogenase activity in human placenta, chorion laeve, and ovary. Gibb W, et al. **Can J Biochem Cell Biol** 1985 Mar;63(3):183-6

Discrimination of the isozymes of human placental hexosaminidase by kinetic parameter estimation. Tommasini R, et al. **Can J Biochem Cell Biol** 1985 Mar; 63(3):219-24

A statistical comparison of parameter estimation for the Michaelis-Menten kinetics of human placental hexosaminidase. Tommasini R, et al. **Can J Biochem Cell Biol** 1985 Mar;63(3):225-30

Clinical significance of heat labile Regan isoenzyme variant in Hodgkin's disease. Shetty PA, et al. **Cancer** 1985 Feb 1;55(3):605-7

Dose-dependent effects of butylated hydroxyanisole, butylated hydroxytoluene and ethoxyquin in induction of foci of rat liver cells containing the placental form of glutathione S-transferase. Thamavit W, et al. **Cancer Lett** 1985 Jul;27(3):295-303

Evidence for homology of normal and neoplastic human placental alkaline phosphatases as determined by monoclonal antibodies to the cancer-associated enzyme. Jemmerson R, et al. **Cancer Res** 1985 Jul;45(7):3268-73

Characterization of the placental alkaline phosphatase-like (Nagao) isozyme on the surface of A431 human epidermoid carcinoma cells. Jemmerson R, et al. **Cancer Res** 1985 Jan; 45(1):282-7

Effects of ricin A chain conjugates of monoclonal antibodies to human alpha-fetoprotein and placental alkaline phosphatase on antigen-producing tumor cells in culture. Tsukazaki K, et al. **Cancer Res** 1985 Apr;45(4):1834-8

Highly sensitive solid-phase immunoenzymometric assay for placental and placental-like alkaline phosphatases with a monoclonal antibody and monodisperse polymer particles. Millán JL, et al. **Clin Chem** 1985 Jan;31(1):54-9

Enzyme-antigen immunoassay for human placental alkaline phosphatase in serum and tissue extracts, and its application as a tumor marker. Pollet DE, et al. **Clin Chem** 1985 Jan; 31(1):41-5

Fractionation of cystine aminopeptidases ('oxytocinase') from term human placenta and maternal serum. Gopalaswamy G, et al. **Clin Chim Acta** 1984 Dec 15;144(1):39-48

Placental alkaline phosphatase determination by inhibition with ethylendiaminetetracetic acid. Miggiano GA, et al. **Clin Chim Acta** 1985 Feb 15;145(3):331-6

Development of angiotensin converting enzyme in fetal lung and placenta of the rat and human. Sim MK, et al. **Clin Exp Pharmacol Physiol** 1984 Sep-Oct;11(5):497-501

Steroid sulfatase = aryl sulfatase C? Chromatographic and electrophoretic properties in extracts from placental microsomes and skin fibroblasts. Meyer JC, et al. **Dermatologica** 1984;169(5):305-10

Estrogen synthetase activity in human term placental cells in monolayer culture. Lobo JO, et al. **Endocrinology** 1985 Mar;116(3):889-95

Activity of lysosomal hydrolases in human placenta, amnion, decidua and myometrium in the 2nd and 3rd trimester. Isaksson A, et al. **Enzyme** 1985;33(1):57-9

Characterization of human glucosylsphingosine glucosyl hydrolase and comparison with glucosylceramidase. Vaccaro AM, et al. **Eur J Biochem** 1985 Jan 15; 146(2):315-21

Human placental neuraminidase. Activation, stabilization and association with beta-galactosidase and its protective protein. Verheijen FW, et al. **Eur J Biochem** 1985 Jun 3; 149(2):315-21

Preparation of monoclonal antibodies against DNA-cytosine-5-methyltransferase from human placenta. Kaul S, et al. **Eur J Cell Biol** 1984 Jul;34(2):330-5

A comparative study of human placental and fetal liver catalase during development. Misra S, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Feb;19(2):81-8

Structural evidence for three different types of glutathione transferase in human tissues. Alin P, et al. **FEBS Lett** 1985 Mar 25;182(2):319-22

Monoclonal antibodies block the bromelain-mediated release of human placental alkaline phosphatase from cultured cancer cells. Jemmerson R, et al. **FEBS Lett** 1985 Jan 7; 179(2):316-20

Evidence that the insulin receptor-associated protein kinase acts as a phosphatidylinositol kinase. Machicao E, et al. **FEBS Lett** 1984 Sep 17;175(1):113-6

A protein cross-reacting immunohistochemically with rat glutathione S-transferase placental form as a marker for preneoplasia in Syrian hamster pancreatic and hepatocarcinogenesis. Moore MA, et al. **Gann** 1985 Jan; 76(1):1-4

Placental alkaline phosphatase in benign and malignant endometrium. Davies JO, et al. **Histochem J** 1985 May; 17(5):605-12

Cytochemistry of proteases in the mature rat and marmoset placenta. Graf R, et al. **Histochem J** 1985 May;17(5):567-71

Human placental steroid-sulfatase solubilized with a cholic-acid derivative: molecular mass, kinetic properties and susceptibility to glycosidases. Dibbelt L, et al. **Hoppe Seylers Z Physiol Chem** 1984 Sep;365(9):1145-53

Tartrate-inhibitable acid phosphatase. Purification from placenta, characterization and subcellular distribution in fibroblasts. Gieselmann V, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jun;365(6):651-60

Structural studies on acid beta-galactosidase from human placental tissue. Sarasija PN, et al. **Indian J Biochem Biophys** 1984 Feb;21(1):39-43

Mitochondrial adenosine triphosphatase from human placenta––effects of adenylyl and guanylyl imidodiphosphate. Aleksandrowicz Z. **Int J Biochem** 1985; 17(2):229-34

HMG-CoA reductase activity in the microsomal fraction from human placenta in early and term pregnancy. Boguslawski W, et al. **Int J Biochem** 1984;16(9):1023-6

Essential tyrosyl residues of human placental alkaline phosphatase. Chang TC, et al. **Int J Biochem** 1984; 16(12):1237-43

Kinetic mechanism of arginyl-tRNA synthetase from human placenta. Wang HY, et al. **Int J Biochem** 1984; 16(12):1379-85

Eutopic expression of placental-like alkaline phosphatase in testicular tumors. Jeppsson A, et al. **Int J Cancer** 1984 Dec 15;34(6):757-61

Proteolytic activity in the placenta, decidua and postimplantation embryos of the rat. Fein A, et al. **Isr J Med Sci** 1985 Apr;21(4):394-6

DNase VII of human placenta. Mechanism studies. Chen GL, et al. **J Biol Chem** 1985 Apr 25;260(8):5073-80

Suppression of placental alkaline phosphatase biosynthesis by tunicamycin. Ito F, et al. **J Biol Chem** 1984 Dec 25; 259(24):14997-9

Purification and enzymatic characterization of CMP-sialic acid: beta-galactosyl1——3-N-acetylgalactosaminide alpha 2——3-sialyltransferase from human placenta. Joziasse DH, et al. **J Biol Chem** 1985 Apr 25;260(8):4941-51

Radiometric analysis of oxidative reactions in aromatization by placental microsomes. Presence of differential isotope effects. Miyairi S, et al. **J Biol Chem** 1985 Jan 10; 260(1):320-5

A novel cyclooxygenase metabolite of arachidonic acid. Morrison AR, et al. **J Biol Chem** 1984 Nov 10; 259(21):13579-83

Purification of oestrogen synthetase by high-performance liquid chromatography. Two membrane-bound enzymes from the human placenta. Muto N, et al. **J Chromatogr** 1985 Jun 19;326:137-46

Rapid purification of human placental angiotensin I converting enzyme by captopril affinity chromatography. Taira H, et al. **J Chromatogr** 1985 May 3;339(2):399-403

Purification of placental alkaline phosphatase by sulphate-mediated chromatography on Cibacron Blue 3G-A. Yasmin T, et al. **J Chromatogr** 1984 Dec 19; 315:425-9

Placental alkaline phosphatase in tumour tissue and serum. Mössner E, et al. **J Clin Chem Clin Biochem** 1984 Jul; 22(7):467-71

A monoclonal antibody based solid-phase enzyme-binding assay to measure levels of placental alkaline phosphatase in serum of women during pregnancy. Contractor SF, et al. **J Immunol Methods** 1985 May 10;79(1):99-108

Gluconeogenic enzymes in the human placenta. Matalon R, et al. **J Inherited Metab Dis** 1984;7(4):179-81

Human placental steroid sulphatase––purification and monospecific antibody production in rabbits. van der Loos CM, et al. **J Inherited Metab Dis** 1984;7(3):97-103

Immunoaffinity purification of human choline acetyltransferase: comparison of the brain and placental enzymes. Bruce G, et al. **J Neurochem** 1985 Aug; 45(2):611-20

Oxygen dependence of oestrogen production by human placental microsomes and cultured choriocarcinoma cells. Aw TY, et al. **J Steroid Biochem** 1985 Jun;22(6):753-8

Enzymatic androgen assay: some properties of human placental microsomal aromatase. Chikhaoui Y, et al. **J Steroid Biochem** 1985 Jun;22(6):727-31

Stereochemistry of 1,2-hydrogen loss during aromatization in the brain. Hahn EF, et al. **J Steroid Biochem** 1985 May; 22(5):597-600

Affinity labeling of the cofactor-binding site of estradiol 17 beta-dehydrogenase of human placenta by 5'-p-fluorosulfonylbenzoyl adenosine. Inano H, et al. **J Steroid Biochem** 1985 May;22(5):681-6

Inhibition of aromatase and NADPH cytochrome c reductase activities in human endometrium by the human placental NADPH cytochrome c reductase antiserum. Tseng L, et al. **J Steroid Biochem** 1985 Apr;22(4):555-7

Estrogen sulfotransferase in human placenta. Tseng L, et al. **J Steroid Biochem** 1985 May;22(5):611-5

Phosphotyrosine phosphatase activity in human placenta. Sako F, et al. **Jpn J Exp Med** 1985 Feb;55(1):21-7

Potent induction of human placental mono-oxygenase activity by previous dietary exposure to polychlorinated biphenyls and their thermal degradation products. Wong TK, et al. **Lancet** 1985 Mar 30;1(8431):721-4

Human placental thyroxine inner ring monodeiodinase in complicated pregnancy. Yoshida K, et al. **Metabolism** 1985 Jun;34(6):535-8

Purification and characterization of placental plasminogen activator (PPA). Kobayashi T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May; 37(5):783-92

Purification and properties of human placental dipeptidyl peptidase IV. Mizutani S, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May; 37(5):769-75

Purification and properties of a human placental post-proline endopeptidase. Sumi S, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1943-51

Enzymes in placental microvilli: angiotensin I converting enzyme, angiotensinase A, carboxypeptidase, and neutral endopeptidase ('enkephalinase'). Johnson AR, et al. **Peptides (Fayetteville)** 1984 Jul-Aug;5(4):789-96

A high molecular weight species of placental alkaline phosphatase in human syncytiotrophoblast microvilli. Abu-Hasan N, et al. **Placenta** 1984 Mar-Apr;5(2):159-73

Modification of protein kinase pattern in human placentae during gestation. Cemerikic-Jekic B, et al. **Placenta** 1984 Sep-Oct;5(5):443-53

Secretion and biosynthesis of N-acetyl-beta-D-hexosaminidases by human placental tissues in vitro. Douglas GC, et al. **Placenta** 1985 May-Jun; 6(3):239-47

Effects of pharmacological and physiological modulators on Ca-ATPase and alkaline phosphatase activities from guinea-pig placenta in vitro. McKercher HG, et al. **Placenta** 1984 Jul-Aug;5(4):281-92

Short communication: beta-hydroxybutyrate dehydrogenase activity in human placenta. Zołnierowicz S, et al. **Placenta** 1984 Mar-Apr;5(2):183-7

A placental polypeptide activator of a membranous protein kinase and its relation to histone 1. Abdel-Ghany M, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7388-91

Human placental alkaline phosphatase in liver and intestine. Garattini E, et al. **Proc Natl Acad Sci USA** 1985 Sep; 82(18):6080-4

Purification, induction, and distribution of placental glutathione transferase: a new marker enzyme for preneoplastic cells in the rat chemical hepatocarcinogenesis. Satoh K, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):3964-8

Structural analysis of human adult and fetal alkaline phosphatases by cyanogen bromide peptide mapping. Vockley J, et al. **Proc Natl Acad Sci USA** 1984 Oct; 81(19):6120-3

Molecular heterogeneity of human placental alkaline phosphatase associated with microvillous membranes. Abu-Hasan NS, et al. **Prog Clin Biol Res** 1984;166:117-26

Regulation of alkaline phosphatase gene expression in cultured placental cells. Chou JY, et al. **Prog Clin Biol Res** 1984;166:167-86

A sensitive, specific radioimmunoassay for placental alkaline phosphatase. Dass S, et al. **Prog Clin Biol Res** 1984; 166:49-58

An hypothesis on the evolution of human placental alkaline phosphatase. Doellgast GJ. **Prog Clin Biol Res** 1984; 166:25-46

Tumor immunolocalization using monoclonal antibodies which bind placental alkaline phosphatase. Jemmerson R, et al. **Prog Clin Biol Res** 1984;166:245-56

Functional organization of the placental alkaline phosphatase polypeptide chain. Jemmerson R, et al. **Prog Clin Biol Res** 1984;166:105-15

Localization of human tumor xenografts by 125I-labelled monoclonal and polyclonal antibodies to placental alkaline phosphatase. Jeppsson A, et al. **Prog Clin Biol Res** 1984; 166:257–64

Serological and tissue localization of placental alkaline phosphatase using monoclonal antibodies in breast and ovarian cancer. Johnson PM, et al. **Prog Clin Biol Res** 1984; 166:289–97

A search for human placental-type alkaline phosphatases using monoclonal antibodies. McLaughlin PJ, et al. **Prog Clin Biol Res** 1984;166:67–75

Monoclonal antibodies as structural probes in the study of placental and placental-like alkaline phosphatases. Millán JL, et al. **Prog Clin Biol Res** 1984;166:127–35

Evaluation of a new, sensitive radioimmunoassay for placental alkaline phosphatase in pre- and post-operative sera from the Danish testicular cancer material. Nustad K, et al. **Prog Clin Biol Res** 1984;166:337–48

Placental and placental-like alkaline phosphatases in sera from healthy adults and cancer patients. Rasmuson T, et al. **Prog Clin Biol Res** 1984;166:309–15

Monoclonal antibodies as a tool in the detection of human placental alkaline phosphatase. Van de Voorde A, et al. **Prog Clin Biol Res** 1984;166:299–307

The application of a monoclonal antibody for the detection of human placental alkaline phosphatase in sera and tumor extracts of cancer patients. Van de Voorde A, et al. **Prog Clin Biol Res** 1984;166:59–66

In vitro interaction of penicillins and cephalosporins with human placenta GSH S-transferase. Polidoro G, et al. **Res Commun Chem Pathol Pharmacol** 1984 Dec; 46(3):411–23

Different inhibition of one and two chain tissue plasminogen activator by a placental inhibitor studied with two tripeptide-p-nitroanilide substrates. Astedt B, et al. **Scand J Clin Lab Invest** 1985 Sep;45(5):429–35

Monoclonal antibody-directed radioimmunoassay detects cytochrome P-450 in human placenta and lymphocytes. Song BJ, et al. **Science** 1985 Apr 26;228(4698):490–2

Foetal steroid sulphatase deficiency. A case report. Follett GF, et al. **Scott Med J** 1984 Jul;29(3):193–5

Inhibition of 17 beta-hydroxysteroid dehydrogenase (17 beta-HSD) activities of human placenta by steroids and non-steroidal hormone agonists and antagonists. Blomquist CH, et al. **Steroids** 1984 May;43(5):571–86

Reactivation of human placental 17 beta, 20 alpha-hydroxysteroid dehydrogenase: affirmation of affinity labeling principles. LaRochelle MC, et al. **Steroids** 1984 Feb;43(2):209–17

Cholesterol side-chain cleavage activity in human placenta and bovine adrenals: an one-step method for separation of pregnenolone formed in vitro. Pasanen M, et al. **Steroids** 1984 May;43(5):517–27

Decreased placental monooxygenase activities associated with birth defects. Manchester D, et al. **Teratology** 1984 Aug;30(1):31–7

Lack of cross-reactivity between human placental and rat liver glucocerebrosidases. Iijima K. **Tohoku J Exp Med** 1984 Sep;144(1):63–7

A further study on the polymorphism of placental alkaline phosphatase in Japanese. Oya M, et al. **Tohoku J Exp Med** 1985 Jun;146(2):175–9

Polymorphism of placental phosphoglucomutase in Japanese. Oya M, et al. **Tohoku J Exp Med** 1985 Jun;146(2):189–92

Genetic and environmental regulation of aryl hydrocarbon hydroxylase in man: studies with liver, lung, placenta, and lymphocytes. Pelkonen O, et al. **Toxicol Pathol** 1984; 12(3):256–60

Human placental indanol dehydrogenase: some properties of the microsomal enzyme. Kulkarni AP, et al. **Xenobiotica** 1985 Jun;15(6):513–9

[Importance of monitoring placental alkaline phosphatase in the monitoring of the fetoplacental unit] Novák J, et al. **Cesk Gynekol** 1984 Dec;49(10):708–12 (Eng. Abstr.) **(Cze)**

[Localization of prostaglandin dehydrogenase in human placenta and decidua] Dueñas JL, et al. **Cell Mol Biol** 1984; 30(5):485–8 (Eng. Abstr.) **(Fre)**

[Leucine- and alanylaminopeptidases and glutamate dehydrogenase in human placenta: improvement of technical conditions] Dueñas JL, et al. **Cell Mol Biol** 1984; 30(5):431–5 (Eng. Abstr.) **(Fre)**

[A specific radioimmunologic assay for human placental alkaline phosphatase and its clinical applications] Hayer M, et al. **Pathol Biol (Paris)** 1984 Nov;32(9):938–44 (Eng. Abstr.) **(Fre)**

[Enzyme-histochemical studies of the pig placenta. II. Histotopics of enzymes in the areolar placenta epithelium] Skolek-Winnisch R, et al. **Acta Histochem (Jena)** 1985; 76(2):131–43 (Eng. Abstr.) **(Ger)**

[Estimation of placental leucine aminopeptidase (P-LAP) in pregnancy sera] Akiyama H, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Dec; 36(12):2605–12 (Eng. Abstr.) **(Jpn)**

[Changes in placental enzymatic activities in relation to estrogen production during pregnancy] Ishida T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr; 37(4):547–54 (Eng. Abstr.) **(Jpn)**

[Shift of placental alkaline phosphatase isoenzymes in the course of pregnancy] Nozawa S, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1145–54 (Eng. Abstr.) **(Jpn)**

[Histochemical study of the rat placenta after experimental administration of a psychotropic drug during pregnancy] Ciszewska-Popiołek B, et al. **Ann Univ Mariae Curie Sklodowska [Med]** 1982;37:239–44 (Eng. Abstr.) **(Pol)**

[Activity of enzymes of the methionine cycle in human placentas in various periods of pregnancy] Jendryczko A, et al. **Ginekol Pol** 1984 Sep;55(9):687–9 (Eng. Abstr.) **(Pol)**

[N-acetyltransferase activity in human placentas from different stages of pregnancy] Jendryczko A, et al. **Ginekol Pol** 1984 May;55(5):313–5 (Eng. Abstr.) **(Pol)**

[Enzymatic activity of carbohydrate metabolism in the placenta in neonatal hypotrophy] Doszpod E, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):56–7 **(Rus)**

[Monoamine oxidase activity of the human placenta in nephropathy in pregnancy] Matesha EI. **Akush Ginekol (Mosk)** 1985 May;(5):24–6 (Eng. Abstr.) **(Rus)**

[Subcellular localization, inhibiting specificity and catalytic properties of several aminooxidases from the human placenta] Pekkel' VA, et al. **Biokhimiia** 1985 Feb; 50(2):289–99 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Placental products induce suppressor cells of graft versus host reaction. Chaouat G, et al. **Am J Reprod Immunol** 1984 Oct-Nov;6(3):107–11

Effects of placental extracts on the immune response to histocompatibility antigens: class deviation of alloantibody response and allograft enhancement. Gupta GS, et al. **Am J Reprod Immunol** 1984 Oct-Nov;6(3):117–23

Characterization of antibodies to a placenta-specific antigen cross-reacting with a choriocarcinoma cell line. Sinha S, et al. **Am J Reprod Immunol** 1984 Oct-Nov;6(3):112–6

Localization of the antigen and antibodies in the placenta of immunized sheep. Trebichavský I, et al. **Am J Reprod Immunol** 1984 Jun;5(4):161–3

Antigen-presenting capacity of mouse decidual tissue and placenta. Elcock JM, et al. **Am J Reprod Immunol Microbiol** 1985 Mar;7(3):99–103

Role of the placental interface and of trophoblast/maternal tissue interactions in the survival of the murine foetal allograft. ChaouatG, et al. **Ann Immunol (Paris)** 1984 Nov-Dec;135D(3): 302–6

Speculations on the transplantation biology of the maternal/foetal interface. Gill TJ 3rd. **Ann Immunol (Paris)** 1984 Nov-Dec;135D(3): 307–9

Reproductive immunology and the placental barrier hypothesis. Gambel P, et al. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):336–8 (24 ref.)

Modulation of mouse anti-SRBC antibody response by placental extracts. Bobé P, et al. **Cell Immunol** 1984 Dec; 89(2):355–64

Preparation and characterization of monoclonal antibodies specific to placenta ferritin. Moroz C, et al. **Clin Chim Acta** 1985 May 30;148(2):111–8

Phagocytosis by syncytiotrophoblastic cells during in vitro perfusion of human placenta. Henrichs I, et al. **Contrib Gynecol Obstet** 1985;13:165–7

Localization of stage-specific embryonic antigens in hydatidiform mole, normal placenta, and gestational choriocarcinoma. Berkowitz RS, et al. **Gynecol Oncol** 1985 Jan;20(1):71–7

A monoclonal antibody inhibiting human placental Fc gamma-receptor activity. Matre R, et al. **Int Arch Allergy Appl Immunol** 1984;75(3):227–9

Pregnancy impairment in mice by antibodies to subcellular placenta fractions. Morenz J, et al. **Int J Fertil** 1984; 29(2):91–7

Transplacental antibodies. Part I: Maternal antibodies against B. pertussis and B. parapertussis. Celko A, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(4):465–9

Fetoplacental physiology in relation to metabolic diseases. Faulk WP. **J Inherited Metab Dis** 1984;7(4):172–4 (33 ref.)

Deviation of humoral and cellular alloimmune reactions by placental extracts. Duc HT, et al. **J Reprod Immunol** 1985 Jan;7(1):27–39

Evaluation of human chorionic trophoblast cells and placental macrophages as stimulators of maternal lymphocyte proliferation in vitro. Hunt JS, et al. **J Reprod Immunol** 1984 Dec;6(6):377–91

Immunocytochemical localization of antibody during placental transmission of immunity in rats. Jollie WP. **J Reprod Immunol** 1985 May;7(3):261–74

Detection of macrophages and the characterization of Fc receptor-bearing cells in the mouse decidua, placenta and yolk sac using the macrophage-specific monoclonal antibody F4/80. Matthews CJ, et al. **J Reprod Immunol** 1985 Jun;7(4):315–23

Placental diagnosis of the 'bare lymphocyte' syndrome [letter] Schuurman HJ, et al. **N Engl J Med** 1985 Sep 19; 313(12):757

The expression of major histocompatibility antigens in the chorionic villi of molar placentae. Fisher RA, et al. **Placenta** 1984 May-Jun;5(3):237–42

Nonspecific suppression of in vitro immune responses by placental and nonplacental tissues. Drake BL, et al. **Transplant Proc** 1985 Apr;17(2):1653–4

[Immunoglobulins in placental tissue] Vŭlcheva B, et al. **Akush Ginekol (Sofiia)** 1984;23(6):498–500 (Eng. Abstr.) **(Bul)**

[Immunoregulatory aspects of placental function] Brami C. **Presse Med** 1985 Feb 23;14(8):479–83 (Eng. Abstr.) **(Fre)**

[Immunochemical determination of placenta-specific and interorganic antigens in placental extract and blood serum in pregnant rats] Kan MF, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):466–7 (Eng. Abstr.) **(Rus)**

METABOLISM

In vitro degradation of angiotensin II (A-II) by human placental subcellular fractions, pregnancy sera and purified placental aminopeptidases. Mizutani S, et al. **Acta Endocrinol (Copenh)** 1985 Sep;110(1):135–9

Changes in thyroxine monodeiodination in rat liver, kidney and placenta during pregnancy. Yoshida K, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):495–9

11C-methionine kinetics in pregnant rhesus monkeys studied by positron emission tomography: a new approach to feto-maternal metabolism. Berglund L, et al. **Acta Obstet Gynecol Scand** 1984;63(7):641–5

Lipolytic activity in the placentas of chronically deprived fetuses. Biale Y. **Acta Obstet Gynecol Scand** 1985; 64(2):111–4

Effect of sodium diethyldithiocarbamate on placental passage and foetal distribution of cadmium and mercury in mice. Jasim S, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Oct; 55(4):263–9

Characterization of beta-adrenergic receptors in human myometrium and placenta. Falkay G, et al. **Acta Physiol Hung** 1985;65(4):491–5

Serum vitamin B12 levels in parturients, in the intervillous space of the placenta and in full-term newborns and their interrelationships with folate levels. Giugliani ER, et al. **Am J Clin Nutr** 1985 Feb;41(2):330–5

The role of transferrin and ferritin in the fetal-maternal-placental unit. Okuyama T, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):344–50

Influence of a vitamin E-deficient diet on prostacyclin production by mesometrial triangles and aortic rings from nondiabetic and diabetic pregnant rats. Spitz B, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):116–20

Preeclampsia: an imbalance in placental prostacyclin and thromboxane production. Walsh SW. **Am J Obstet Gynecol** 1985 Jun 1;152(3):335–40

Placental prostacyclin production in normal and toxemic pregnancies. Walsh SW, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):110–5

Placental contribution to lactate production by the human fetoplacental unit. Suidan JS, et al. **Am J Perinatol** 1984 Jul;1(4):306–9

Uptake and metabolism of transferrin and albumin by rat yolk sac placenta. McArdle HJ, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C409–14

Comparison of lactate and glucose metabolism in the developing porcine placenta. Ramsay TG, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R755–60

Presence of Gc (vitamin D-binding protein) and interactions with actin in human placental tissue. Emerson DL, et al. **Am J Reprod Immunol Microbiol** 1985 Jan;7(1):15–21

Transplacental transfer and colostral concentrations of selenium in beef cattle. Koller LD, et al. **Am J Vet Res** 1984 Dec;45(12):2507–10

High-performance liquid chromatographic determination of aromatization of 16 alpha-hydroxylated androgens with human placental microsomes. Numazawa M, et al. **Anal Biochem** 1985 Apr;146(1):75–81

Permeability studies of the labyrinth in the guinea pig placenta. I. Perfusion of fixatives and tracers into the fetal circulation. Orgnero de Gaisán E, et al. **Anat Embryol (Berl)** 1985;171(1):71–4

Localization of the iron transport glycoprotein, uteroferrin, in the porcine endometrium and placenta by using immunocolloidal gold. Raub TJ, et al. **Anat Embryol (Berl)** 1985;171(2):253–8

Ultrastructural localization of glycosaminoglycans in human term placenta. Parmley RT, et al. **Anat Rec** 1984 Nov; 210(3):477–84

Exercise during pregnancy—potential fetal and placental metabolic effects. Bonds DR, et al. **Ann Clin Lab Sci** 1985 Mar-Apr;15(2):91–9

Transfer of polychlorinated biphenyls (PCBs) to newborn infants through the placenta and mothers' milk. Ando M, et al. **Arch Environ Contam Toxicol** 1985 Jan;14(1):51–7

Transfer of hexachlorobenzene (HCB) from mother to newborn baby through placenta and milk. Ando M, et al. **Arch Toxicol** 1985 Jan;56(3):195–200

Placental transfer and fetal distribution of cadmium and mercury after treatment with dithiocarbamates. Danielsson BR. **Arch Toxicol** 1984 Sep;55(3):161–7

Uterine contractile effect of an oxytocin-like substance in the human placenta. Nakazawa K, et al. **Asia Oceania J Obstet Gynaecol** 1984 Sep;10(3):393–7

Characterization of monoclonal antibodies to the IGF-I receptor that inhibit IGF-I binding to human cells. Flier JS, et al. **Biochem Biophys Res Commun** 1985 Mar 29; 127(3):929–36

Increased placental concentrations of 25-hydroxyvitamin D3 and 24,25-dihydroxyvitamin D3 in pregnant rats treated with human chorionic gonadotropin. Kidroni G, et al. **Biochem Int** 1984 Sep;9(3):335–42

Ca2+-binding protein of the human placenta. Characterization, immunohistochemical localization and functional involvement in Ca2+ transport. Tuan RS.

Biochem J 1985 Apr 1;227(1):317–26

Placental formation of lactate from transferred L–alanine and its impairment by aminooxyacetate in the late–pregnant rat. Palaćin M, et al. **Biochim Biophys Acta** 1985 Jul 26; 841(1):90–6

An endogenous activator protein in human placenta for enzymatic degradation of glucosylceramide. Vaccaro AM, et al. **Biochim Biophys Acta** 1985 Sep 11;836(2):157–66

Characterization and solubilization of the cytochalasin B binding component from human placental microsomes. Wessling M, et al. **Biochim Biophys Acta** 1984 Oct 17; 777(1):123–32

Transport of amino acids in the placenta. Yudilevich DL, et al. **Biochim Biophys Acta** 1985 Sep 9;822(2):169–201 (178 ref.)

Synthesis of C20 and C22 polyunsaturated fatty acids by the placenta of the sheep. Noble RC, et al. **Biol Neonate** 1985; 47(6):333–8

Effects of fetal decapitation upon porcine placental metabolism. Evidence for a fetal influence in placental metabolism. Ramsay TG, et al. **Biol Neonate** 1985; 47(1):42–53

Placental steroid production by the basal and labyrinth zones during the latter third of gestation in the rat. Matt DW, et al. **Biol Reprod** 1985 May;32(4):969–77

Human chorionic gonadotropin alpha–subunit of normal placenta: characterization of synthesis and association with beta–subunit. Posillico EG, et al. **Biol Reprod** 1985 Jun; 32(5):1101–8

Relaxin concentrations in endometrial, placental, and ovarian tissues and in sera from ewes during middle and late pregnancy. Renegar RH, et al. **Biol Reprod** 1985 May; 32(4):840–7

Inhibition of human placental progesterone synthesis by danazol in vivo. Rabe T, et al. **Biol Res Pregnancy Perinatol** 1984;5(4):149–52

Ethosuximide in epileptic women during pregnancy and lactation period. Placental transfer, serum concentrations in nursed infants and clinical status. Kuhnz W, et al. **Br J Clin Pharmacol** 1984 Nov;18(5):671–7

Oxprenolol placental transfer, plasma concentrations in newborns and passage into breast milk. Sioufi A, et al. **Br J Clin Pharmacol** 1984 Sep;18(3):453–6

Placental transport of low molecular weight heparin in the pregnant sheep. Andrew M, et al. **Br J Haematol** 1985 Jan;59(1):103–8

Permeability of the human placenta to bicarbonate: in–vitro perfusion studies. Aarnoudse JG, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1096–102

Conversion of angiotensin I to angiotensin II in the human foetoplacental vascular bed. Hosokawa T, et al. **Br J Pharmacol** 1985 Jan;84(1):237–41

Coexpression of the sis and myc proto–oncogenes in developing human placenta suggests autocrine control of trophoblast growth. Goustin AS, et al. **Cell** 1985 May; 41(1):301–12

Elevated copper and lowered zinc in the placentae of pre–eclamptics. Brophy MH, et al. **Clin Chim Acta** 1985 Jan 15;145(1):107–11

A new method for measuring unidirectional transplacental flux. Wootton R, et al. **Clin Phys Physiol Meas** 1985 Feb; 6(1):47–57

Placental proteins. Bischof P. **Contrib Gynecol Obstet** 1984; 12:1–96 (272 ref.)

Human placental energy metabolism: its relevance to in vitro perfusion. Bloxam DL. **Contrib Gynecol Obstet** 1985; 13:59–69

Transport of bilirubin and glucose by the isolated perfused human placenta. Brandes JM, et al. **Contrib Gynecol Obstet** 1985;13:147–8

Metabolism and transfer of radioactive glucose in the human placenta studied by dual perfusion. Challier JC, et al. **Contrib Gynecol Obstet** 1985;13:144–6

Transferrin–mediated iron transport in the perfused isolated human placental lobule. Eaton BM, et al. **Contrib Gynecol Obstet** 1985;13:149–50

Transport and metabolism of essential fatty acids by the human placenta. Kuhn DC, et al. **Contrib Gynecol Obstet** 1985;13:139–40

A theoretical and an in vitro experimental model for estimation of drug transfer through the human placenta. Mor L, et al. **Contrib Gynecol Obstet** 1985;13:155–7

Calcium fluxes across the isolated perfused human cotyledon. Page KR, et al. **Contrib Gynecol Obstet** 1985;13:151–4

Transfer and metabolism of carnitine and carnitine esters in the in vitro perfused human placenta. Schmidt–Sommerfeld E, et al. **Contrib Gynecol Obstet** 1985;13:141–3

Effect of flow rate ratio on the diffusion of antipyrine and 3H2O in the isolated dually in vitro perfused lobe of the human placenta. Schneider H, et al. **Contrib Gynecol Obstet** 1985;13:114–23

Oxygen transfer as an indicator of perfusion variability in the isolated human placental lobule. Wier PJ, et al. **Contrib Gynecol Obstet** 1985;13:127–31

Membrane carriers and receptors at maternal and fetal sides of the placenta by single circulation paired–tracer dilution: evidence for a choline transport system. Yudilevich DL, et al. **Contrib Gynecol Obstet** 1985;13:158–61

Placental drug transfer: methodological and therapeutic aspects. Boréus LO. **Dev Pharmacol Ther** 1984;7 Suppl 1:42–6

Placental transfer model in the pregnant ewe: use of stable isotopes. Brazier JL, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:52–9

In vitro transfer of six benzamides in the human placenta. Nandakumaran M, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:60–6

Relationship between maternal and fetal fuels and placental glucose transfer in rats with maternal diabetes of varying severity. Herrera E, et al. **Diabetes** 1985 Jun;34 Suppl 2:42–6

Fetal diabetes in rats and its effect on placental glycogen. Barash V, et al. **Diabetologia** 1985 Apr;28(4):244–9

Lectin histochemistry of human placenta. Lee MC, et al. **Differentiation** 1984;28(2):123–8

Immunohistochemical study on oxytocin–like substance in the human placenta. Nakazawa K, et al. **Endocrinol Jpn** 1984 Dec;31(6):763–8

Ontogeny and characterization of basic somatomedin receptors in rat placenta. Bhaumick B, et al. **Endocrinology** 1985 Feb;116(2):492–8

Absence of detectable chorionic gonadotropin subunit messenger ribonucleic acids in the rat placenta throughout gestation. Carr FE, et al. **Endocrinology** 1985 Mar; 116(3):1151–7

Maternal and fetal production rates of progesterone in rhesus macaques: placental transfer and conversion to cortisol. Ducsay CA, et al. **Endocrinology** 1985 Sep;117(3):1253–8

Adenosine 3',5'–monophosphate–dependent phosphoproteins in human placenta. Moore JJ, et al. **Endocrinology** 1985 Jan;116(1):288–95

Thyrotropin–releasing hormone metabolism and extraction by the perfused guinea pig placenta. Nogimori T, et al. **Endocrinology** 1985 Aug;117(2):565–70

Transuteroplacental metabolism of cortisol and cortisone during mid– and late gestation in the baboon. Pepe GJ, et al. **Endocrinology** 1984 Nov;115(5):1946–51

Placental transfer and fetal deposition of hexachlorobenzene in the hamster and guinea pig. Courtney KD, et al. **Environ Res** 1985 Jun;37(1):239–49

Placental transfer of pinazepam and its metabolite N–desmethyldiazepam in women at term. Pacifici GM, et al. **Eur J Clin Pharmacol** 1984;27(3):307–10

Placenta, embryo, and tumor uptake of 67Ga–citrate and 59Fe–citrate. Anghileri LJ, et al. **Eur J Nucl Med** 1985; 10(5–6):288–9

In vitro effect of ritodrinum on cAMP concentration in human placentas of different gestational age. Cemerikić B, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):223–7

Metabolism of prostaglandin F2 alpha in the fetal circulation of the human term placenta in vitro. Ekblad U, et al. **Gynecol Obstet Invest** 1984;18(6):306–10

Ascorbate–dependent lipid peroxidation in the human placenta and fetal membranes. Ohel G, et al. **Gynecol Obstet Invest** 1985;19(2):73–7

Effect of zinc on insulin binding to rat adipocytes and hepatic membranes and to human placental membranes and IM–9 lymphocytes. Herington AC. **Horm Metab Res** 1985 Jul; 17(7):328–32

Cortisol metabolism in human placenta and decidua is resistant to anoxia. López Bernal A, et al. **Horm Metab Res** 1985 Mar;17(3):167

Peripheral deiodination of thyroid hormones in placenta and fetal membranes. Emerson CH, et al. **Horm Metab Res [Suppl]** 1984;14:56–62

Placenta and milk as excretory routes of lipophilic pesticides in women. Siddiqui MK, et al. **Hum Toxicol** 1985 May; 4(3):249–54

A phorbol ester–binding inhibitory factor from human placenta. Partial purification, characterization and biological effects. Hamel E, et al. **IARC Sci Publ** 1984; (56):157–64

Comparison of interleukin 1 production by adherent cells and tissue pieces from human placenta. Flynn A, et al. **Immunopharmacology** 1985 Feb;9(1):19–26

Placental transfer of positron–emitting radionuclides in metabolic substrates. Ishiwata K, et al. **Int J Nucl Med Biol** 1985;12(1):33–6

Selenium concentration in maternal and umbilical cord blood, placenta and amniotic membranes. Korpela H, et al. **Int J Vitam Nutr Res** 1984;54(2–3):257–61

Role of uteroferrin in placental iron transport: effect of maternal iron treatment on fetal iron and uteroferrin content and neonatal hemoglobin. Ducsay CA, et al. **J Anim Sci** 1984 Nov;59(5):1303–8

The human placenta contains two distinct binding and immunoreactive species of insulin–like growth factor–I receptors. Jonas HA, et al. **J Biol Chem** 1985 Feb 25; 260(4):2288–94

Uptake of transferrin and iron by cultured rat placental cells. McArdle HJ, et al. **J Cell Physiol** 1985 Mar;122(3):405–9

Epidermal growth factor binding to human amnion, chorion, decidua, and placenta from mid– and term pregnancy: quantitative light microscopic autoradiographic studies. Chegini N, et al. **J Clin Endocrinol Metab** 1985 Sep; 61(3):529–35

Acute embolization of the uteroplacental circulation: uterine blood flow and placental CO diffusing capacity. Boyle JW, et al. **J Dev Physiol** 1984 Aug;6(4):377–86

Transfer of fatty acid across the cat placenta. Elphick MC, et al. **J Dev Physiol** 1984 Dec;6(6):517–25

Studies on the mechanisms involved in iron transfer across the isolated guinea pig placenta by means of bolus experiments. van Dijk JP, et al. **J Dev Physiol** 1985 Feb; 7(1):1–16

Properties and ontogeny of the glucocorticoid receptor in the placenta and fetal lung of the sheep. Flint AP, et al. **J Endocrinol** 1984 Oct;103(1):31–42

Immunocytochemical localization of lysozyme and alpha–1–antichymotrypsin in the term human placenta: an attempt to characterize the Hofbauer cell. Braunhut SJ, et al. **J Histochem Cytochem** 1984 Nov;32(11):1204–10

Cholesterol sulphate in the microsomal sulphatase deficient placenta. Marinkovic–Ilsen A, et al. **J Inherited Metab Dis** 1984;7(2):72–6

Placental transfer of phenylalanine in Macaca mulatta and Macaca fascicularis. Pueschel SM, et al. **J Med Primatol** 1983;12(5):256–61

Placental transfer of metronidazole [letter] Amon I. **J Perinat Med** 1985;13(2):97–8

Catecholamines in arterial and venous umbilical blood: placental extraction, correlation with fetal hypoxia, and transcutaneous partial oxygen tension. Paulick R, et al. **J Perinat Med** 1985;13(1):31–42

A rat model for the study of transplacental pharmacokinetics and its assessment with antipyrine and aminoisobutyric acid. Varma DR, et al. **J Pharmacol Methods** 1985 Aug; 14(1):61–74

Asymmetric calcium influx and efflux at maternal and fetal sides of the guinea–pig placenta: kinetics and specificity. Sweiry JH, et al. **J Physiol (Lond)** 1984 Oct;355:295–311

Gonadotrophin and progesterone concentrations in placentae of grey seals (Halichoerus grypus). Hobson BM, et al. **J Reprod Fertil** 1984 Nov;72(2):521–8

Dopamine reduces the receptor binding activity and not the secretion rate of placental lactogen in vitro. Thordarson G, et al. **J Reprod Fertil** 1984 Nov;72(2):261–7

Influence of phosphatase inhibitors and nucleotides on [3H]dexamethasone binding in cytosol of human placenta. Heller C, et al. **J Steroid Biochem** 1984 Oct;21(4):381–6

Stimulation of estradiol production from estrone–3–sulfate by 5 alpha–dihydrotestosterone in cultured human placental explants. Ling WY, et al. **J Steroid Biochem** 1984 Dec;21(6):653–7

Regulation of aromatic oxidation of estradiol–17 beta in maternal hepatic, fetal hepatic and placental tissues: comparative effects of a series of inducing agents. Namkung MJ, et al. **J Steroid Biochem** 1985 Apr;22(4):563–7

Regulation of human placental progesterone synthesis in vitro by naturally occurring steroids. Rabe T, et al. **J Steroid Biochem** 1985 May;22(5):657–64

The role of malic enzyme in the malate dependent biosynthesis of progesterone in the mitochondrial fraction of human term placenta. Swierczyński J, et al. **J Steroid Biochem** 1985 Mar;22(3):415–8

Chloride transport in cystic fibrosis placenta [letter] Davis B, et al. **Lancet** 1985 Feb 16;1(8425):392–3

Amniotic fluid epidermal growth factor and placental weight at term [letter] D'Souza SW, et al. **Lancet** 1985 Aug 3; 2(8449):272–3

Identification of specific binding sites for acetylated low density lipoprotein in microvillous membranes from human placenta. Alsat E, et al. **Mol Cell Endocrinol** 1985 Jul; 41(2–3):229–35

Low–density lipoprotein binding sites in the microvillous membranes of human placenta at different stages of gestation. Alsat E, et al. **Mol Cell Endocrinol** 1984 Dec; 38(2–3):197–203

Influence of cyclic nucleotides on receptor binding, immunological activity, and microheterogeneity of human choriogonadotropin synthesized in placental tissue culture. Hilf G, et al. **Mol Cell Endocrinol** 1985 Feb;39(2):151–9

Benzomorphan sites are ligand recognition sites of putative epsilon–receptors. Chang KJ, et al. **Mol Pharmacol** 1984 Nov;26(3):484–8

Prenatal exposure to drugs of abuse in humans: effects on placental neurotransmitter receptors. Perry BD, et al. **Neurobehav Toxicol Teratol** 1984 Jul–Aug;6(4):295–301

The effect of exposure to diazepam through the placenta or through the mother's milk. Histological findings in slices of rat brain. Frieder B, et al. **Neuropharmacology** 1984 Sep; 23(9):1099–104

Studies on the placental transport mechanism for iron. Tawada T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May;37(5):735–42

Only three of the seven human chorionic gonadotropin beta subunit genes can be expressed in the placenta. Talmadge K, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8415–36

Assessment of biotransformation during transfer of propoxyphene and acetaminophen across the isolated perfused human placenta. Weigand UW, et al. **Pediatr Pharmacol (New York)** 1984;4(3):145–53

Maternal smoking increases xenobiotic metabolism in placenta but not umbilical vein endothelium. Manchester DK, et al. **Pediatr Res** 1984 Nov;18(11):1071–5

Transfer and metabolism of carnitine and carnitine esters in the in vitro perfused human placenta. Schmidt–Sommerfeld E, et al. **Pediatr Res** 1985 Jul;19(7):700–6

Characterization of somatostatin specific binding in plasma cell membranes of human placenta. Tsalikian E, et al. **Pediatr Res** 1984 Oct;18(10):953–7

Energy metabolism and glycolysis in the human placenta during ischaemia and in normal labour. Bloxam DL, et al. **Placenta** 1984 Sep–Oct;5(5):381–94 (54 ref.)

The human placenta does not contain lipofuscin pigment. Haigh M, et al. **Placenta** 1984 Sep–Oct;5(5):459–64

Effect of a failure of energy supply on adenine nucleotide breakdown in placentae and other fetal tissues from rat and guinea pig. Harkness RA, et al. **Placenta** 1985 May-Jun;6(3):199-216

Mechanical and metabolic viability of a placental perfusion system in vitro under oxygenated and anoxic conditions. Illsley NP, et al. **Placenta** 1984 May-Jun;5(3):213-25

Does human placenta produce prostacyclin? Jeremy JY, et al. **Placenta** 1985 Jan-Feb;6(1):45-52

Investigation of the rate-limiting step in the synthesis of acetylcholine by the human placenta. Leventer SM, et al. **Placenta** 1984 May-Jun;5(3):261-70

The measurement of glucocorticoid receptors in human placental cytosol. López Bernal A, et al. **Placenta** 1984 Mar-Apr;5(2):105-16

Transferrin binding by microvillar vesicles isolated from rat placenta. McArdle HJ, et al. **Placenta** 1984 Mar-Apr;5(2):131-8

Purine re-utilization in normal and malignant cells of human placental origin. Vettenranta K, et al. **Placenta** 1984 Jul-Aug;5(4):315-22

Metabolic integrity of the isolated perfused lobule of human placenta. Young MP, et al. **Placenta** 1984 Mar-Apr;5(2):95-104

Acetoacetate utilization by human placental mitochondria. Zołnierowicz S, et al. **Placenta** 1984 May-Jun;5(3):271-6

Avidin-biotin affinity chromatography: application to the isolation of human placental insulin receptor. Finn FM, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7328-32

Calcium-dependent, cyclic nucleotide-independent steroidogenesis in the bovine placenta. Shemesh M, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6403-7

Arachidonic acid metabolic pathway of the rabbit placenta. Bloch MH, et al. **Prostaglandins** 1985 Feb;29(2):203-16

Fetal hydantoin syndrome: inhibition of placental folic acid transport as a potential mechanism for fetal growth retardation in the rat. Will M, et al. **Res Commun Chem Pathol Pharmacol** 1985 Apr;48(1):91-8

[Quantitative drug exchange in the maternal-placental-fetal system. Studies of transplacental lidol transport] Todorov S. **Akush Ginekol (Sofiia)** 1985;24(3):15-8 (Eng. Abstr.) **(Bul)**

[Placental fatty acids in the guinea pig during pregnancy] Naegelen J, et al. **C R Soc Biol (Paris)** 1984;178(4):474-80 (Eng. Abstr.) **(Fre)**

[Transplacental transfer of 5 antibiotics by in vitro human placental perfusion] Akbaraly JP, et al. **Pathol Biol (Paris)** 1985 May;33(5):368-72 (Eng. Abstr.) **(Fre)**

[Permeability of the placenta to ions in unidirectional mother-fetus transport] Rottenberg F, et al. **Physiologie** 1985 Jan-Mar;22(1):79-82 **(Fre)**

[Metabolism of triglycerides of the placenta during extraorganic circulation] Pańczyk T, et al. **Zentralbl Gynakol** 1984;106(20):1362-8 (Eng. Abstr.) **(Ger)**

[Microelements in the placenta, in maternal blood and in umbilical cord blood] Takács S, et al. **Zentralbl Gynakol** 1984;106(17):1204-14 (Eng. Abstr.) **(Ger)**

[Copper, zinc, lead and cadmium in the placenta] Takács S, et al. **Zentralbl Gynakol** 1984;106(20):1357-61 (Eng. Abstr.) **(Ger)**

[Biosynthesis of steroid hormones in the fetoplacental unit] Nakayama T, et al. **Nippon Rinsho** 1984 Nov;42(11):2404-9 (24 ref.) **(Jpn)**

[Study on the mechanism of placental transport of L-lysine (using human placental microvillous (brush border) membrane vesicles)] Iioka H, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul;37(7):1091-6 (Eng. Abstr.) **(Jpn)**

[Adaptive changes in carbohydrate metabolism in the placenta in experimental fetal anoxia] Nazyrov AT. **Akush Ginekol (Mosk)** 1984 Oct;(10):45-7 (Eng. Abstr.) **(Rus)**

[Features of the histotopography of proteins in human chorionic and placental tissues at different stages of normal and pathologic development] Brusilovskiĭ AI, et al. **Arkh Anat Gistol Embriol** 1984 Nov;87(11):14-23 (Eng. Abstr.) **(Rus)**

[Transplacental transport of acetone (experimental data)] Niziaeva IV, et al. **Gig Tr Prof Zabol** 1984 Jul;(7):49-51 **(Rus)**

[Protein-synthesizing apparatus of the rat liver and placenta during damage of the biomembrane by tetrachloromethane and the administration of methylxanthines] Gubskiĭ IuI, et al. **Vopr Med Khim** 1984;30(6):57-61 (Eng. Abstr.) **(Rus)**

[Morphology and function of the placenta in Rh-sensitized pregnancy] Plećaš D, et al. **Srp Arh Celok Lek** 1984 Oct;112(10):1001-10 (Eng. Abstr.) **(Scc)**

MICROBIOLOGY

Prepartal infection of the placenta with Neisseria gonorrhoeae. Yvert F, et al **Genitourin Med** 1985 Apr;61(2):103-5

The placenta as a site of cytomegalovirus infection in guinea pigs. Griffith BP, et al. **J Virol** 1985 Aug;55(2):402-9

Placental microbiology and histology and the pathogenesis of chorioamnionitis. Pankuch GA, et al. **Obstet Gynecol** 1984 Dec;64(6):802-6

Detection and immunochemical characterization of a primate type C retrovirus-related p30 protein in normal human placentas. Jerabek LB, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6501-5

Microbiological studies during the perinatal period. An attempt to correlate selected bacterial and viral infections with intra-uterine deaths and preterm labour. Ross SM, et al. **S Afr Med J** 1984 Oct 20;66(16):598-603

Fatal congenital human leptospirosis. Faine S, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Sep;257(4):548

[Indirect isolation of Brucella abortus by inoculating mice via the placenta] David C, et al. **Dev Biol Stand** 1984; 56:495-506 **(Fre)**

PATHOLOGY

Distribution of placental grade in high-risk gravidas. Hills D, et al. **AJR** 1984 Nov;143(5):1011-3

Histomorphometry of the human placenta in maternal preeclampsia. Teasdale F. **Am J Obstet Gynecol** 1985 May 1;152(1):25-31

Quantitative structural studies on human placentas associated with pre-eclampsia, essential hypertension and intrauterine growth retardation. Boyd PA, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):714-21

Chorioamnionitis and funiculitis in the placentas of 200 births weighing less than 2.5 kg. Chellam VG, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):808-14

Significance of placental findings in early-onset group B streptococcal neonatal sepsis. Novak RW, et al. **Clin Pediatr (Phila)** 1985 May;24(5):256-8

Ultrastructure of human placenta: effects of maternal drinking. Amankwah KS, et al. **Gynecol Obstet Invest** 1984; 18(6):311-6

Metastasizing placental site trophoblastic tumor: a case study. Eckstein RP, et al. **Hum Pathol** 1985 Jun;16(6):632-6

Maternal floor infarction. Naeye RL. **Hum Pathol** 1985 Aug; 16(8):823-8

Placental-site chorioma. The neoplasm of the implantation-site trophoblast. Driscoll SG. **J Reprod Med** 1984 Nov;29(11):821-5 (33 ref.)

Placentas from spontaneously hypertensive rats and control strain Wistar-Kyoto rats. Scott JN, et al. **Lab Anim Sci** 1985 Apr;35(2):146-9

MPMLC assists pathologist researching infant defects. Troutman D. **Mich Med** 1985 Jun;84(6):368-9

Placental immaturity associated with anencephaly. Batson JL, et al. **Obstet Gynecol** 1985 Jun;65(6):846-7

Malignant placental site trophoblastic tumor. Hopkins M, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):95S-100S

Clinical and laboratory investigation of a virilized woman with placental-site trophoblastic tumor. Nagelberg SB, et al. **Obstet Gynecol** 1985 Apr;65(4):527-34

The stillborn fetus: placental histologic examination in determining a cause. Rayburn W, et al. **Obstet Gynecol** 1985 May;65(5):637-41

Placental pathology: a contemporary approach. Fox H. **Obstet Gynecol Annu** 1985;14:427-40 (40 ref.)

The surgical pathologist examines the placenta. Sander CH. **Pathol Annu** 1985;20 Pt 2:235-88 (77 ref.)

Case 2. Placenta of erythroblastosis and maternal hepatitis. Altshuler G. **Pediatr Pathol** 1984;2(3):337-8

The placenta in pregnancies complicated by diabetes mellitus. Singer DB. **Perspect Pediatr Pathol** 1984 Fall;8(3):199-212

The placenta in leprosy. Duncan ME, et al. **Placenta** 1984 May-Jun;5(3):189-98

Placental ultrasonographic biochemical and histochemical studies in human fetuses affected with Niemann-Pick disease type A. Schoenfeld A, et al. **Placenta** 1985 Jan-Feb; 6(1):33-43

Histomorphometry of the human placenta in Class C diabetes mellitus. Teasdale F. **Placenta** 1985 Jan-Feb;6(1):69-81

Light microscopic aspects of the rat placenta after chronic cadmium administration. Hazelhoff Roelfzema W, et al. **Sci Total Environ** 1985 Mar 15;42(1-2):181-4

[Observation on ultrasonic placental grading of the toxemia and chronic hypertension of pregnancy] Zou L. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Jul;19(3):136-8, 189 (Eng. Abstr.) **(Chi)**

[Indicators for the pathologic-anatomical study of placenta and fetal membranes] Herva R. **Duodecim** 1985; 101(4):415-9 **(Fin)**

[The placenta of premature and hypotrophic Gabonese infants] Philippe E, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(5):515-9 (Eng. Abstr.) **(Fre)**

[Morphometric mitochondrial studies in the placenta of early pregnancies following a normal course of pregnancy and in maternal diabetes mellitus] Estel C, et al. **Zentralbl Gynakol** 1985;107(2):73-8 (Eng. Abstr.) **(Ger)**

[Chorangiomas (hemangiomas of the placenta). I. Pathological anatomy and pregnancy complications] Geppert M, et al. **Zentralbl Gynakol** 1984;106(21):1397-405 (Eng. Abstr.) **(Ger)**

[Sonographic changes in placental structure during pregnancy] Köpernik H, et al. **Zentralbl Gynakol** 1985; 107(1):41-6 (Eng. Abstr.) **(Ger)**

[Sonographically detectable changes in placental structures in pregnancy. 2. Statistical comparison of the frequency distribution of placenta stages 0-3 newborn infants with a birth weight of 2,500-3,999 grams] Lückert G, et al. **Zentralbl Gynakol** 1985;107(1):35-7 (Eng. Abstr.) **(Ger)**

[Sonographically detectable changes in placental structures in pregnancy. 3. Statistical, comparison of the frequency distribution of placenta stages 0-3 in newborn infants with a birth weight of less than 2,500 grams] Lückert G, et al. **Zentralbl Gynakol** 1985;107(1):38-40 (Eng. Abstr.) **(Ger)**

[Histology of the placenta in spontaneous abortion] Bianco V, et al. **Ann Ostet Ginecol Med Perinat** 1984 Jul-Aug; 105(4):219-24 (Eng. Abstr.) **(Ita)**

[A morphological study on the placenta in toxemia of pregnancy] Nakamura M. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1831-40 (Eng. Abstr.) **(Jpn)**

[Structuro-functional changes in the placenta as a result of exposure to atmospheric pollutants] Bonashevskaia TI, et al. **Arkh Anat Gistol Embriol** 1985 Feb;88(2):72-6 (Eng. Abstr.) **(Rus)**

[Placenta in multiple pregnancy] Kalashnikova EP, et al. **Arkh Patol** 1985;47(4):47-52 (Eng. Abstr.) **(Rus)**

[The placenta in herpes] Mel'nikova VF, et al. **Arkh Patol** 1984;46(10):51-7 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Placental senescence. Parmley T. **Adv Exp Med Biol** 1984; 176:127-32

Influence of growth status and placental function on birth weight of infants born to young still-growing teenagers. Frisancho AR, et al. **Am J Clin Nutr** 1984 Oct;40(4):801-7

Noninvasive prediction of hyaline membrane disease: an optimized classification of sonographic placental maturation. Kazzi GM, et al. **Am J Obstet Gynecol** 1985 May 15;152(2):213-9

Physiology of the placenta--gas exchange. Goplerud JM, et al. **Ann Clin Lab Sci** 1985 Jul-Aug;15(4):270-8

Prenatal alcohol exposure: abnormalities in placental growth and fetal amino acid uptake in the rat. Gordon BH, et al. **Biol Neonate** 1985;47(2):113-9

In vitro permeability of the pig placenta in the last third of gestation. Michael K, et al. **Biol Neonate** 1985; 47(3):170-8

Growth of total intrauterine, intra-amniotic and placental volume in normal singleton pregnancy measured by ultrasound. Geirsson RT, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):46-53

In vitro perfusion of human placental tissue. International workshop. Zürich, March 8-9,1984. **Contrib Gynecol Obstet** 1985;13:1-189

Why perfuse the human placenta. Dancis J. **Contrib Gynecol Obstet** 1985;13:1-4

Diffusional permeability of the human placenta. Illsley NP, et al. **Contrib Gynecol Obstet** 1985;13:92-7

Some physiological properties of the isolated human placenta. Leichtweiss HP, et al. **Contrib Gynecol Obstet** 1985;13:70-6

Permeability of the human placenta for hydrophilic substances studied in the isolated dually in vitro perfused lobe. Schneider H, et al. **Contrib Gynecol Obstet** 1985; 13:98-103

Passive exchange and the distribution of flows in the isolated human placenta. Schröder H, et al. **Contrib Gynecol Obstet** 1985;13:106-13

Validity of the equivalent pores model in placental physiology. Stulc J. **Contrib Gynecol Obstet** 1985;13:85-91

The placenta remains functional following fetectomy in baboons. Albrecht ED, et al. **Endocrinology** 1985 Feb; 116(2):843-5

Structure-function correlation in the human placenta: the morphometric diffusing capacity for oxygen at full term. Mayhew TM, et al. **J Anat** 1984 Dec;139 (Pt 4):691-708

Effect of restriction of placental growth on the concentrations of insulin, glucose and placental lactogen in the plasma of sheep. Falconer J, et al. **J Endocrinol** 1985 Jul;106(1):7-11

Adaptations to reduction of endometrial surface available for placental development in sheep. Caton D, et al. **J Reprod Fertil** 1984 Nov;72(2):357-64

The effects of unilateral ovariectomy during pregnancy on placental and fetal growth in mice. Dewar AD, et al. **Placenta** 1984 Jul-Aug;5(4):323-7

Physiological aspects of placental ontogeny and phylogeny. Moll W. **Placenta** 1985 Mar-Apr;6(2):141-54

Cellular growth of the placenta in twin pregnancy late in gestation. Ward BS. **Placenta** 1985 Mar-Apr;6(2):107-16

Incomplete X chromosome dosage compensation in chorionic villi of human placenta. Migeon BR, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3390-4

The physiological interferon response: IV. Production of interferon by the perfused human placenta at term. Bocci V, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):137-43

Stimulation of colony formation of human hemopoietic cells with human placental conditioned medium. Shih LY, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Sep;83(9):934-41

The antenatal assessment of utero-placental and feto-placental blood flow using Doppler ultrasound. Cohen-Overbeek T, et al. **Ultrasound Med Biol** 1985 Mar-Apr;11(2):329-39

[Pulmonary gas exchange via the placenta] Iordanov K, et al. **Akush Ginekol (Sofiia)** 1985;24(1):80-8 (56 ref.) **(Bul)**

[Ultrasonic study of placental intrauterine growth] Ruseva R, et al. **Akush Ginekol (Sofiia)** 1985;24(1):75-80 (15 ref.) (Eng. Abstr.) **(Bul)**

[The value of ultrasound in feto-placental maturation] Bastide A, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984; 13(3):242-5 **(Fre)**

[A survey of placental separation by real-time B-mode scanning] Goto M. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug;

36(8):1171-9 (Eng. Abstr.) (Jpn)

[Ultrasonic examination in the placental stage] Belousov MA, et al. **Akush Ginekol (Mosk)** 1984 Dec;(12):44-6 (Eng. Abstr.) **(Rus)**

[Characteristics of the feto-placental complex in pregnant women with various forms of chronic glomerulonephritis] Shekhtman MM, et al. **Akush Ginekol (Mosk)** 1985 May;(5):45-8 (Eng. Abstr.) **(Rus)**

[The human placenta and its normal role and in pathology] Kalashnikova EP. **Arkh Patol** 1985;47(1):3-11 (44 ref.) (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Standardizing the mortality risk for newborns with very low birth weights [editorial] Naeye RL. **Am J Dis Child** 1985 May;139(5):445-6

[Structural and metabolic mechanisms of placental adaptation] Reshetnikova OS, et al. **Arkh Patol** 1984;46(8):55-8 (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

[Radioisotope perfusion of the placenta using 113mIn] Stašek K, et al. **Cesk Gynekol** 1985 Mar;50(2):94-8 (Eng. Abstr.) **(Cze)**

SECRETION

Effect of hypoxia on the release of prostaglandin, prostacyclin, and thromboxane in perfused human placenta. Ekblad U, et al. **Contrib Gynecol Obstet** 1985;13:173

Preservation of human chorionic gonadotropin and placental lactogen secretion and normal morphology following long-term culture of normal human placental cells. Morrish DW, et al. **Life Sci** 1985 Mar 25;36(12):1175-81

SURGERY

Treatment of placental vasculature with a neodymium-yttrium-aluminum-garnet laser via fetoscopy. DeLia JE, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1126-7

TRANSPLANTATION

Growth and function of human placenta and amnion grafted to nude mice. A preliminary communication. Boltenberg A, et al. **Acta Obstet Gynecol Scand** 1984;63(7):621-4

ULTRASTRUCTURE

Changes in the fine structure of rat visceral yolk-sac placenta during prolonged pregnancy. Jollie WP. **Am J Anat** 1984 Sep;171(1):1-14

Morphologic characteristics of the placenta in glycogen storage disease type II (alpha-1,4-glucosidase deficiency). Bendon RW, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1021-6

Dipeptide transport in brush-border membrane vesicles isolated from normal term human placenta. Ganapathy ME, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):83-6

The structure of the tupaia placenta. II. Ultrastructure. Kaufmann P, et al. **Anat Embryol (Berl)** 1985;171(2):211-21

Permeability studies of the guinea pig placental labyrinth. II. Tracer permeation and freeze-fracture of fetal endothelium. Orgnero de Gaisán E, et al.
Anat Embryol (Berl) 1985;171(3):297-304

Ultrastructural localization of transferrin, transferrin receptor, and iron-binding sites on human placental and duodenal microvilli. Parmley RT, et al. **Br J Haematol** 1985 May;60(1):81-9

A comparison of the effects of different perfusion regimes on the structure of the isolated human placental lobule. Contractor SF, et al. **Cel[illegible]ue Res** 1984;237(3):609-17

Isolation and characterizati[illegible] syncytiotrophoblast plasma membrane from human placenta. Khalfoun B, et al.
FEBS Lett 1985 Feb 11;181(1):33-8

Topography of human placental receptors for epidermal growth factor. Rao CV, et al. **J Biol Chem** 1985 Feb 10;260(3):1705-10

Placental anatomy and diffusing capacity in guinea pigs following long-term maternal hypoxia. Bacon BJ, et al. **Placenta** 1984 Nov-Dec;5(6):475-87

The placenta of the salp (Tunicata: Thaliacea). Bone Q, et al. **Placenta** 1985 Jan-Feb;6(1):53-63

A description of human placental syncytiotrophoblast membrane glycosphingolipids. Cheng HM, et al.
Placenta 1985 May-Jun;6(3):229-38

An extensive lysosomal system in the maternal epithelium of the porcine placenta. Dantzer V. **Placenta** 1984 Mar-Apr;5(2):117-29

Human placental ultrastructure after in vitro dual perfusion. Illsley NP, et al. **Placenta** 1985 Jan-Feb;6(1):23-32

Human placental mitochondrial respiration and its regulation by adenine nucleotides. Illsley NP, et al. **Placenta** 1985 May-Jun;6(3):187-97

Stereological studies on the true thickness of the villous membrane in human term placentae: a study of placentae from high-altitude pregnancies. Jackson MR, et al.
Placenta 1985 May-Jun;6(3):249-58

An electron microscopic study of the chorioallantoic placenta and the subplacenta of the cane rat (Thryonomys swinderianus Temminck). Oduor-Okelo D. **Placenta** 1984 Sep-Oct;5(5):433-42

Low-speed purification of human placental nuclei. Resendez-Perez D, et al. **Placenta** 1984 Nov-Dec;5(6):523-32

[An ultrafine structural investigation of the placental basal plate] Kawaguchi E.
Nippon Sanka Fujinka Gakkai Zasshi 1985 Apr;37(4):596-602 (Eng. Abstr.) **(Jpn)**

[Placental ultrastructure in women with impaired glucose tolerance during pregnancy] Bobkov VM, et al.
Probl Endokrinol (Mosk) 1984 Nov-Dec;30(6):22-5 (Eng. Abstr.) **(Rus)**

[Biochemical and ultrastructural characteristics of the placenta in relation to human nutrition] Araya J, et al.
Rev Med Chil 1984 Jul;112(7):649-54 (Eng. Abstr.) **(Spa)**

PLACENTA ACCRETA

COMPLICATIONS

Placenta percreta associated with a second-trimester pregnancy termination. Hornstein MD, et al.
Am J Obstet Gynecol 1984 Dec 15;150(8):1002-3

Uterine rupture, placenta percreta and curettage in early pregnancy. Case report. Bevan JR, et al.
Br J Obstet Gynaecol 1985 Jun;92(6):642-4

Placenta percreta causing uterine rupture. Case report. Bezdek J. **Br J Obstet Gynaecol** 1985 Aug;92(8):853-5

Placenta previa percreta with invasion of the bladder: report of a case. Trenton WD. **J Am Osteopath Assoc** 1984 Dec;84(4):373-5

[Inversio uteri in placenta accreta] Hraško L.
Bratisl Lek Listy 1985 Feb;83(2):162-5 (Eng. Abstr.) **(Slo)**

ETIOLOGY

Placenta previa/accreta and prior cesarean section. Clark SL, et al. **Obstet Gynecol** 1985 Jul;66(1):89-92

SURGERY

Subtotal hysterectomy in emergency obstetrics. Punnonen R, et al. **Ann Chir Gynaecol** 1984;73(5):293-5

PLACENTA DISEASES

[Placental insufficiency] Botella Llusiá J.
An R Acad Nac Med (Madr) 1985;102(1):67-83 **(Spa)**

BLOOD

Blood ascorbic acid and histamine levels in patients with placental bleeding. Sharma SC, et al.
Hum Nutr Clin Nutr 1985 May;39(3):233-8

[Effect of hormonally-induced prolongation of pregnancy in rabbits on maternal and fetal serum lipids] Ockert C, et al. **Zentralbl Gynakol** 1985;107(12):744-51 (Eng. Abstr.) **(Ger)**

CHEMICALLY INDUCED

Fatal placental hemorrhage in pregnant CD-1 mice following one oral dose of T-2 toxin. Rousseaux CG, et al.
Can J Comp Med 1985 Jan;49(1):95-8

[Structuro-functional changes in the placenta as a result of exposure to atmospheric pollutants] Bonashevskaia TI, et al. **Arkh Anat Gistol Embriol** 1985 Feb;88(2):72-6 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Prenatal death from acute myocardial infarction and cardiac tamponade due to embolus from the placenta. Wolf PL, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):603-5

Placentas of small-for-dates infants from Mexico City, Mexico [letter] Labarrere C. **Am J Obstet Gynecol** 1985 Sep 15;153(2):235-6

Association of syndromes predisposing to low birthweight. Joffe M. **Early Hum Dev** 1984 Sep;10(1-2):107-13

Pruritus and hyperplacentosis. Goodlin RC, et al.
Obstet Gynecol 1985 Sep;66(3 Suppl):36S-38S

Twin transfusion syndrome causing cutaneous erythropoiesis. Schwartz JL, et al. **Pediatrics** 1984 Oct;74(4):527-9

[Chorangiomas (hemangiomas of the placenta). II. Pathologic-anatomic comparison of neonatal complications] Geppert M, et al. **Zentralbl Gynakol** 1984;106(21):1406-12 (Eng. Abstr.) **(Ger)**

[Death in-utero of one twin due to asymptomatic premature separation of the placenta] Katz Z, et al. **Harefuah** 1984 Nov 1;107(9):235-6 (Eng. Abstr.) **(Heb)**

[Role of undiagnosed inflammation of the embryonic structures in the mortality of premature infants] Horváth B, et al. **Orv Hetil** 1985 Jan 27;126(4):199-201 (Eng. Abstr.) **(Hun)**

[Non-immunologic hydrops fetalis. Considerations apropos of a case associated with a chorioangioma of the placenta] Domenici R, et al. **Pediatr Med Chir** 1984 Mar-Apr;6(2):327-32 (Eng. Abstr.) **(Ita)**

[Role of prenatal risk factors in the development of respiratory distress syndrome in newborn infants] Belousova NA. **Akush Ginekol (Mosk)** 1984 Oct;(10):52-5 (Eng. Abstr.) **(Rus)**

[Hemorrhage during pregnancy as a fetal risk factor] Sadauskas VM, et al. **Akush Ginekol (Mosk)** 1985 Jan;(1):32-5 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Distribution of placental grade in high-risk gravidas. Hills D, et al. **AJR** 1984 Nov;143(5):1011-3

Oxytocin challenge test as an out patient procedure. Sellappah S, et al. **Br J Clin Pract** 1984 Jul-Aug;38(7-8):255-8

Prenatal diagnosis of chorioangioma associated with polyhydramnios using ultrasound. van Wering JH, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Apr;19(4):255-9

Chorangioma of the placental membranes. Heifetz SA.
Milit Med 1984 Nov;149(11):621, 635

Preliminary report: immunoperoxidase-linked human placental lactogen as a histopathologic index of perinatal morbidity and mortality. Altshuler G, et al.
Pediatr Pathol 1983 Oct-Dec;1(4):469-74

Placental chorioangiomatosis--a high risk pregnancy. Jaffe R, et al. **Postgrad Med J** 1985 May;61(715):453-5

[Retroplacental hematoma with incomplete symptoms] Gétin Y, et al. **Rev Fr Gynecol Obstet** 1984 Jul-Sep;79(7-9):533-40 (Eng. Abstr.) **(Fre)**

[Should we still explore placental sulfatase deficiencies? Reflections apropos of a case report] Giovangrandi Y, et al. **Rev Fr Gynecol Obstet** 1984 Oct;79(10):653-7 (Eng. Abstr.) **(Fre)**

[Evaluation of placental function with the placenta insufficiency score] Gitsch E, et al. **Gynakol Rundsch** 1984;24(3):133-9 **(Ger)**

[Monoamniotic twin pregnancy with knotted umbilical cords] Beck R. **Zentralbl Gynakol** 1985;107(11):688-92 (Eng. Abstr.) **(Ger)**

[Cardiotocography--practice. Case 9] Nieder J.
Zentralbl Gynakol 1985;107(11):714-6 **(Ger)**

[Spontaneous rupture of a uterine varicose vein during labor, simulating premature separation of the placenta] Palatyński A, et al. **Zentralbl Gynakol** 1985;107(1):54-7 (Eng. Abstr.) **(Ger)**

[Bleeding from ruptured varicose vein on the posterior uterine wall imitating a prematurely detached placenta] Palatyński A, et al. **Wiad Lek** 1984 Mar 15;37(6):474-7 (Eng. Abstr.) **(Pol)**

[Value of hormonal studies in the diagnosis of feto-placental insufficiency] Bagramian ER, et al.
Akush Ginekol (Mosk) 1984 Oct;(10):3-6 (82 ref.) **(Rus)**

ENZYMOLOGY

Lactation in placental steroid sulphatase deficiency. Lykkesfeldt G, et al. **Br J Obstet Gynaecol** 1985 Feb;92(2):179-80

[Endocrinological and histochemical studies of placental sulfatase deficiency] Kawano K, et al.
Nippon Sanka Fujinka Gakkai Zasshi 1985 Mar;37(3):370-6 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

Placental candidiasis: report of two cases, one associated with an IUCD in situ. Honoré LH. **Contraception** 1984 Dec;30(6):555-60

Acute placentitis and spontaneous abortion caused by chlamydia psittaci of sheep origin: a histological and ultrastructural study. Wong SY, et al. **J Clin Pathol** 1985 Jun;38(6):707-11

Abnormal placentation. Robertson WB, et al.
Obstet Gynecol Annu 1985;14:411-26 (41 ref.)

Smoking and pregnancy: I. Maternal and placental risks. McIntosh ID. **Public Health Rev** 1984;12(1):1-28

[Acute placental insufficiency and listeriosis] Tolck PH.
Rev Med Suisse Romande 1984 Sep;104(9):705-10 **(Fre)**

[Various problems of pathogenesis, diagnosis and treatment of chronic placental insufficiency] Georgieva M, et al.
Akush Ginekol (Mosk) 1984 Oct;(10):48-9 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

The placenta as a site of cytomegalovirus infection in guinea pigs. Griffith BP, et al. **J Virol** 1985 Aug;55(2):402-9

[Placental infection of mice by Brucella. Pathogenicity and immunity] Bosseray N. **Dev Biol Stand** 1984;56:283-93 **(Fre)**

OCCURRENCE

Concomitant and repeated happenings of complications of the third stage of labour. Hall MH, et al.
Br J Obstet Gynaecol 1985 Jul;92(7):732-8

A pilot study of the frequency and significance of placental villitis. Mortimer G, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):629-33

Villitis of unknown aetiology: its incidence and significance in placentae from a British population. Knox WF, et al. **Placenta** 1984 Sep-Oct;5(5):395-402

PARASITOLOGY

[Chagas' placentitis. Report of a case with optic and electronic microscopy study] Tafuri WL, et al.
Rev Inst Med Trop Sao Paulo 1984 May-Jun;26(3):152-9 (Eng. Abstr.) **(Por)**

PATHOLOGY

Giant chorioangioma of the placenta. Arodi J, et al.
Acta Obstet Gynecol Scand 1985;64(1):91-2

Chorioamnionitis and funiculitis in the placentas of 200 births weighing less than 2.5 kg. Chellam VG, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):808-14
Hemorrhagic endovasculitis of the placenta: a clinicopathologic entity associated with adverse pregnancy outcome. Sander CH, et al. **Compr Ther** 1985 May; 11(5):66-74
Placental hemorrhagic endovasculitis: risk factors and impact on pregnancy outcome. Stevens NG, et al. **Int J Gynaecol Obstet** 1984 Oct;22(5):393-7
Placental and fetal candidiasis. Presentation of a case of an abortus. Bittencourt AL, et al. **Mycopathologia** 1984 Sep 30;87(3):181-7
The placenta in pregnancies complicated by diabetes mellitus. Singer DB. **Perspect Pediatr Pathol** 1984 Fall;8(3):199-212
A nodule of adrenocortical tissue within a human placenta: light microscopic and immunocytochemical findings. Labarrere CA, et al. **Placenta** 1984 Mar-Apr;5(2):139-43
Leiomyoma of the placenta. Tapia RH, et al. **South Med J** 1985 Jul;78(7):863-4
[Vascular tumors of the placenta with a case description of 2 giant hemangiomas] Maleva E. **Akush Ginekol (Sofiia)** 1984;23(6):521-5 (Eng. Abstr.) **(Bul)**
[Comparative morphogenesis of chorioangioma in singleton and twin pregnancies] Hoang-Ngoc Minh, et al. **Arch Anat Cytol Pathol** 1984;32(5):265-9 (Eng. Abstr.) **(Fre)**
[Accessory adrenal cortex tissue in the placenta] Kraft K. **Z Geburtshilfe Perinatol** 1984 Jul-Aug;188(4):191-3 (Eng. Abstr.) **(Ger)**
[Chorangiomas (hemangiomas of the placenta). I. Pathological anatomy and pregnancy complications] Geppert M, et al. **Zentralbl Gynakol** 1984;106(21):1397-405 (Eng. Abstr.) **(Ger)**
[The placenta in herpes] Mel'nikova VF, et al. **Arkh Patol** 1984;46(10):51-7 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Effects of intrauterine malnutrition on brain free amino acids of young rats, after nutritional recovery during lactation period. Trindade CE, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):795-800
Placental function studies in low birth weight infants with and without dysmaturity. Westergaard JG, et al. **Obstet Gynecol** 1985 Mar;65(3):316-8
Placentas in pregnancies complicated by maternal diabetes. Singer DB, et al. **Surv Synth Pathol Res** 1984;3(4):333-41 (51 ref.)
[The human placenta and its normal role and in pathology] Kalashnikova EP. **Arkh Patol** 1985;47(1):3-11 (44 ref.) (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

Determination of the intervillous perfusion index in pregnancies with intrauterine growth retardation. Bódis J, et al. **Gynecol Obstet Invest** 1985;19(2):89-91
[Radioisotope perfusion of the placenta using 113mIn] Stašek K, et al. **Cesk Gynekol** 1985 Mar;50(2):94-8 (Eng. Abstr.) **(Cze)**

THERAPY

[Transcutaneous electric nerve stimulation in the treatment of placental insufficiency. 1. Methodologic principle and set of instruments] Ketscher KD, et al. **Zentralbl Gynakol** 1985;107(8):500-2 (Eng. Abstr.) **(Ger)**

VETERINARY

Experimental studies on vertical infection of mice with Japanese encephalitis virus. IV. Effect of virus strain on placental and fetal infection. Fujisaki Y, et al. **Natl Inst Anim Health Q (Tokyo)** 1983 Spring;23(1):21-6
Ovine abortion and stillbirth due to purulent placentitis caused by Yersinia pseudotuberculosis. Karbe E, et al. **Vet Pathol** 1984 Nov;21(6):601-6

PLACENTA PRAEVIA

Placenta previa: an analysis of three years experience. Sauer M, et al. **Am J Perinatol** 1985 Jan;2(1):39-42
Role of attempted vaginal delivery in the management of placenta previa. Chervenak FA, et al. **Obstet Gynecol** 1984 Dec;64(6):798-801

COMPLICATIONS

Maternal and perinatal morbidity resulting from placenta previa. McShane PM, et al. **Obstet Gynecol** 1985 Feb; 65(2):176-82
Placenta praevia and intra-uterine growth retardation. Dommisse J. **S Afr Med J** 1985 Feb 23;67(8):291-2

DIAGNOSIS

The fallacy of placental migration: effect of sonographic techniques. Artis AA 3d, et al. **AJR** 1985 Jan;144(1):79-81
Value of a postvoid scan during adnexal sonography. Hill LM, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):23-5
[Early placenta praevia and the outcome of pregnancy] Chernev T, et al. **Akush Ginekol (Sofiia)** 1984;23(6):490-3 (Eng. Abstr.) **(Bul)**

ETIOLOGY

Placenta previa/accreta and prior cesarean section. Clark SL, et al. **Obstet Gynecol** 1985 Jul;66(1):89-92

PHYSIOPATHOLOGY

[Placenta praevia and neonatal outcome] Fuse Y, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Feb;37(2):318-21 **(Jpn)**

SURGERY

[Prophylactic cerclage in placenta praevia?] Berg R, et al. **Zentralbl Gynakol** 1985;107(11):680-2 (Eng. Abstr.) **(Ger)**

THERAPY

Management of placenta previa [letter] Semchyshyn S, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):701

PLACENTAL EXTRACTS

ADMINISTRATION & DOSAGE

[Effectiveness of the complex treatment of rubromycosis with griseofulvin, placental suspension and pentoxyl] Sheklakov ND, et al. **Vestn Dermatol Venerol** 1984 Nov;(11):27-30 (Eng. Abstr.) **(Rus)**

ANALYSIS

Biochemical fractionation of conditioned media containing factors which support in vitro proliferation of high proliferation potential colony forming cells. Baines P, et al. **Biomed Pharmacother** 1985;39(2):83-7

THERAPEUTIC USE

[In vitro system for determining the use of immunocorrective agents in patients with disseminated psoriasis] Vasil'eva LL, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):6-8 (Eng. Abstr.) **(Rus)**

PLACENTAL FUNCTION TESTS

Which is the best placental function test? A comparison of placental lactogen and unconjugated oestriol in the prediction of intrauterine growth retardation. Chard T, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jan;19(1):13-7
Doppler assessment of the fetoplacental circulation in normal and growth-retarded fetuses. Reuwer PJ, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Nov;18(4):199-205
Placental function studies in low birth weight infants with and without dysmaturity. Westergaard JG, et al. **Obstet Gynecol** 1985 Mar;65(3):316-8
[Importance of monitoring placental alkaline phosphatase in the monitoring of the fetoplacental unit] Novák J, et al. **Cesk Gynekol** 1984 Dec;49(10):708-12 (Eng. Abstr.) **(Cze)**

METHODS

NMR imaging in human pregnancy: a preliminary study. Smith FW, et al. **Magn Reson Imaging** 1984;2(1):57-64
[Evaluation of the secretion of placental lactogenic hormone by histoimmunologic study of the placenta] Patricio B, et al. **Arch Anat Cytol Pathol** 1984;32(6):353-5 (Eng. Abstr.) **(Fre)**
[Evaluation of placental function with the placenta insufficiency score] Gitsch E, et al. **Gynakol Rundsch** 1984; 24(3):133-9 **(Ger)**
[Complex evaluation of the function of the fetoplacental system] Gross KIa, et al. **Akush Ginekol (Mosk)** 1985 Apr; (4):47-9 (Eng. Abstr.) **(Rus)**

PLACENTAL HORMONES

BIOSYNTHESIS

[Proteins and protein hormones of the placenta in high-risk pregnancy. Experimental and clinical study] Sulović V. **Glas Srp Akad Nauka [Med]** 1981;(33):35-56 (Eng. Abstr.) **(Scc)**

BLOOD

Placental hormones as possible markers in gynaecological cancer. Das S, et al. **Eur J Gynaecol Oncol** 1985;6(2):101-4

PHYSIOLOGY

Role of the pituitary and conceptuses in the regulation of the luteal steroidogenesis in the mid-pregnant rat. Yamashita H. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct;36(10):1952-6
Prolactin secretion during pregnancy and puerperium: response to metoclopramide and interactions with placental hormones. Bohnet HG, et al. **Obstet Gynecol** 1985 Jun; 65(6):789-92

PLACENTAL INSUFFICIENCY see under **PLACENTA DISEASES**

PLACENTAL LACTOGEN

Analysis of computer-generated hydropathy profiles for human glycoprotein and lactogenic hormones. Krystek SR Jr, et al. **Endocrinology** 1985 Sep;117(3):1110-24
Lactogenic hormones: binding sites, mammary growth, secretory cell differentiation, and milk biosynthesis in ruminants. Akers RM. **J Dairy Sci** 1985 Feb;68(2):501-19 (158 ref.)

ANALYSIS

Immunodetection of bovine chorionic somatomammotrophin (bCS). Verstegen J, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):403-10
Eutopic and ectopic macromolecular human placental lactogen. Calvert IS, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):103-11
Potential for error in a radioimmunometric assay for placental lactogen [letter] Neethling AC, et al. **Clin Chem** 1985 Jun; 31(6):1073
Oncofetal antigens in ovarian cyst fluids. Kraly DH, et al. **Gynecol Obstet Invest** 1984;18(3):117-21
Preliminary report: immunoperoxidase-linked human placental lactogen as a histopathologic index of perinatal morbidity and mortality. Altshuler G, et al. **Pediatr Pathol** 1983 Oct-Dec;1(4):469-74
Identification of proliferin mRNA and protein in mouse placenta. Linzer DI, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4356-9
[Evaluation of the secretion of placental lactogenic hormone by histoimmunologic study of the placenta] Patricio B, et al. **Arch Anat Cytol Pathol** 1984;32(6):353-5 (Eng. Abstr.) **(Fre)**

BIOSYNTHESIS

Comparisons of human placental lactogen mRNA levels from placentas of diabetics and normal term. Mills NC, et al. **Mol Cell Endocrinol** 1985 Jan;39(1):61-9

BLOOD

Screening for multiple pregnancy. Determination of human chorionic gonadotropin (hCG), alpha-fetoprotein (alpha-FP) and human placental lactogen (hPL) in blood during the second trimester of pregnancy. Vandekerckhove F, et al. **Acta Genet Med Gemellol (Roma)** 1984;33(4):571-4
Abnormally elevated pregnancy specific beta 1 glycoprotein (SP1 beta) with very low placental lactogen (hPL) concentrations in a pregnancy with satisfactory outcome. Pledger DR, et al. **Acta Obstet Gynecol Scand** 1984; 63(7):663-5
The predictive value of total estriol; HPL and Hb on perinatal outcome in severe pre-eclampsia. Sagen N, et al. **Acta Obstet Gynecol Scand** 1984;63(7):603-8
Comparison of changes in ovine plasma chorionic somatomammotropin concentrations in the fetus and mother before spontaneous vaginal delivery at term and adrenocorticotropin-induced premature delivery. Lowe KC, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):524-7
Evaluation and correlation of hormone levels in normal and pathologic pregnancies. Bartl W, et al. **Biol Res Pregnancy Perinatol** 1984;5(4):143-8
Human placental lactogen in pre-eclampsia. Obiekwe BC, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1077-80
Placental protein and hormone measurements in twin pregnancy. Westergaard JG, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):72-6
Which is the best placental function test? A comparison of placental lactogen and unconjugated oestriol in the prediction of intrauterine growth retardation. Chard T, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jan;19(1):13-7
Retrograde time-scale analysis of human placental lactogen, beta human chorionic gonadotropin, and unconjugated estriol levels in human maternal serum from the onset of spontaneous labor. Furuhashi N, et al. **Gynecol Obstet Invest** 1984;18(5):264-8
Placental alkaline phosphatase compared with human placental lactogen and oestriol in high-risk pregnancies. Ronin-Walknowska E, et al. **Gynecol Obstet Invest** 1984; 18(4):206-11
Daily rhythm of serum human chorionic gonadotropin and human chorionic somatomammotropin in normal pregnancy. Ayala AR, et al. **Int J Gynaecol Obstet** 1984 Jun;22(3):173-6
Pre-parturitional changes in serum prolactin, placental lactogen, growth hormone, progesterone, and corticosterone in the C3H/HeN mouse. Soares MJ, et al. **J Dev Physiol** 1984 Oct;6(5):423-9
Effect of restriction of placental growth on the concentrations of insulin, glucose and placental lactogen in the plasma of sheep. Falconer J, et al. **J Endocrinol** 1985 Jul;106(1):7-11
HPL as indicator of intrauterine malnutrition [letter] Kyank HR. **J Perinat Med** 1985;13(2):100-1
Relationship of maternal and fetal levels of human placental lactogen to the weight and sex of the fetus. Houghton DJ, et al. **Placenta** 1984 Sep-Oct;5(5):455-8
Simultaneous and serial measurement of serum levels of human placental lactogen, beta-human chorionic gonadotropin and unconjugated estriol levels in pregnant women. Furuhashi N, et al. **Tohoku J Exp Med** 1984 Oct; 144(2):211-5
[The placenta. Ultrasonic and hormonal changes in fetal growth retardation] Ruseva R, et al.

Akush Ginekol (Sofiia) 1985;24(1):16–9 (Eng. Abstr.) **(Bul)**

[Pregnancy-specific beta 1-glycoprotein, HCG alpha subunit, alpha fetoproteins and HPL in fetal hypotrophy] Ruseva R, et al. **Akush Ginekol (Sofiia)** 1984;23(4):315–20 (Eng. Abstr.) **(Bul)**

[Extremely low placental lactogenic hormone with delivery of a normal child] Olsen J, et al. **Ugeskr Laeger** 1984 Sep 3;146(36):2702–3 (Eng. Abstr.) **(Dan)**

[Placental perfusion, endocrine parameters of pregnancy and cardiotocographic non-stress tests in cases of intrauterine retardation] Doszpod J, et al. **Zentralbl Gynakol** 1984; 106(21):1413–8 (Eng. Abstr.) **(Ger)**

[The influences of prostaglandin E2 on hormones in maternal-fetoplacental unit] Miyakawa I, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1197–202 (Eng. Abstr.) **(Jpn)**

[The condition of newborn infants from risk pregnancies and HPL concentration in the blood of their mothers] Rybakowa M, et al. **Folia Med Cracov** 1984;25(1–2):3–7 (Eng. Abstr.) **(Pol)**

[Usefulness of an enzymatic method of determining placental lactogen and estriol in the serum and cardiotocographic recording in monitoring high-risk pregnancy] Pisarek-Miedzińska D, et al. **Ginekol Pol** 1984 Aug; 55(8):583–94 (Eng. Abstr.) **(Pol)**

[Value of hormonal studies in the diagnosis of feto-placental insufficiency] Bagramian ER, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):3–6 (82 ref.) **(Rus)**

[Blood hormone levels in threatened abortion] Fedorova MV, et al. **Akush Ginekol (Mosk)** 1984 Dec;(12):31–3 (Eng. Abstr.) **(Rus)**

DEFICIENCY

An effect of gene dosage on production of human chorionic somatomammotropin. Parks JS, et al. **J Clin Endocrinol Metab** 1985 May;60(5):994–7

Human placental lactogen (hPL) deficiency in a normal pregnancy. Giampietro O, et al. **Postgrad Med J** 1984 Oct; 60(708):689–90

GENETICS

The role of trophoblast differentiation in the control of the hCG and hPL genes. Hoshina M, et al. **Adv Exp Med Biol** 1984;176:299–312

Interaction of secretory protein precursors with phospholipids in liposomes. Nanba S, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1133–42

Analysis of a major human chorionic somatomammotropin gene. Evidence for two functional promoter elements. Selby MJ, et al. **J Biol Chem** 1984 Nov 10;259(21):13131–8

Multiple origins of transcription for the human placental lactogen genes. Selvanayagam CS, et al. **J Biol Chem** 1984 Dec 10;259(23):14642–6

Linkage of human chorionic gonadotrophin and placental lactogen biosynthesis to trophoblast differentiation and tumorigenesis. Hoshina M, et al. **Placenta** 1985 Mar–Apr; 6(2):163–72

Patterns of polymorphism and linkage disequilibrium suggest independent origins of the human growth hormone gene cluster. Chakravarti A, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6085–9

IMMUNOLOGY

Growth hormone radioimmunoassay using monoclonal antibodies: a useful method to avoid human chorionic somatomammotropin interference in serum samples. Vita N, et al. **Acta Physiol Pharmacol Latinoam** 1984; 34(2):207–13

Antigenic structure of human chorionic somatomammotropin: four epitopes revealed by monoclonal antibodies. Mariani M, et al. **J Immunol Methods** 1984 Dec 31;75(2):395–401

ISOLATION & PURIFICATION

Isolation of choriomammotropin from the ovine placentome. Harper CM, et al. **Aust J Biol Sci** 1984;37(1–2):63–70

METABOLISM

Placental protein measurements in complicated pregnancies. III. Premature labour. Westergaard JG, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1230–3

Placental protein measurements in complicated pregnancies. I. Intrauterine growth retardation. Westergaard JG, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1216–23

Placental protein measurements in complicated pregnancies. II. Pregnancy-related hypertension. Westergaard JG, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1224–9

Dopamine reduces the receptor binding activity and not the secretion rate of placental lactogen in vitro. Thordarson G, et al. **J Reprod Fertil** 1984 Nov;72(2):261–7

PHARMACODYNAMICS

Synergistic effects of oPL and insulin on glycogen metabolism in fetal rat hepatocytes. Freemark M, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):E714–8

Gamma-glutamyltransferase activity in mammary gland of pregnant rats and its regulation by ovarian hormones, prolactin and placental lactogen. Bussmann LE, et al. **Biochem J** 1984 Oct 1;223(1):275–7

The effect of estrogen, progesterone, thyroxine, and human placental lactogen on DNA synthesis of human breast ductal epithelium maintained in athymic nude mice. McManus MJ, et al. **Cancer** 1984 Nov 1;54(9):1920–7

Effects of a placental hormone, human chorionic somatomammotropin on normal and malignant cells. Mukherjee K, et al. **Endocrinol Jpn** 1984 Dec;31(6):825–30

Ovine placental lactogen inhibits glucagon-induced glycogenolysis in fetal rat hepatocytes. Freemark M, et al. **Endocrinology** 1985 Apr;116(4):1275–80

Placental lactogen administration reverses the effect of low-protein diet on maternal and fetal serum somatomedin levels in the pregnant rat. Pilistine SJ, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5853–7

Failure of injection of rat placental lactogen to inhibit prolactin in vivo. Voogt JL, et al. **Proc Soc Exp Biol Med** 1985 Apr;178(4):531–5

PHYSIOLOGY

Insulin secretion in mammosomatotropic tumor-bearing and pregnant rats. A role for lactogens. Sorenson RL, et al. **Diabetes** 1985 Apr;34(4):337–41

Hormonal regulation of casein synthesis at the end of pregnancy. Bussmann LE, et al. **Mol Cell Endocrinol** 1985 Feb;39(2):115–8

SECRETION

Trophoblast giant cell release of placental lactogens: temporal and regional characteristics. Soares MJ, et al. **Dev Biol** 1985 Feb;107(2):520–6

Stimulation of ovine placental lactogen secretion by arachidonic acid. Huyler SE, et al. **J Endocrinol** 1985 Jul; 106(1):43–7

Placental lactogen secretion in the mouse: in vitro responses and ovarian and hormonal influences. Soares MJ, et al. **J Exp Zool** 1985 Apr;234(1):97–104

Preservation of human chorionic gonadotropin and placental lactogen secretion and normal morphology following long-term culture of normal human placental cells. Morrish DW, et al. **Life Sci** 1985 Mar 25;36(12):1175–81

The modulation of placental lactogen secretion by calcium: studies with cultured human term trophoblast. Hochberg Z, et al. **Mol Cell Endocrinol** 1984 Oct;37(3):359–62

[Secretion of progesterone and placental lactogen during physiological pregnancy] Minkina AI, et al. **Med Radiol (Mosk)** 1985 Jul;30(7):25–7 (Eng. Abstr.) **(Rus)**

[Production of placental protein hormones during hemodynamic changes induced in normal pregnancy] González E, et al. **Ginecol Obstet Mex** 1984 Apr; 52(324):93–7 (Eng. Abstr.) **(Spa)**

PLACENTAL PROTEINS see **PREGNANCY PROTEINS**

PLACENTAL VILLI see **CHORIONIC VILLI**

PLACENTATION

Abnormal placentation. Robertson WB, et al. **Obstet Gynecol Annu** 1985;14:411–26 (41 ref.)

PLAGUE

Scepticism and public health: on the problem of disease for the collective. Colfer P. **Theor Med** 1985 Jun;6(2):143–52

DIAGNOSIS

Nineteen cases of plague in Arizona. A spectrum including ecthyma gangrenosum due to plague and plague in pregnancy. Welty TK, et al. **West J Med** 1985 May; 142(5):641–6

HISTORY

Epidemics in Renaissance Florence. Morrison AS, et al. **Am J Public Health** 1985 May;75(5):528–35

Fevers, poisons, and apostemes: authority and experience in Montpellier plague treatises. Chase MP. **Ann NY Acad Sci** 1985;441:153–69

The Pied Piper of Hamelin. Guest C. **Lancet** 1984 Dec 22; 2(8417–18):1454–5

Immunity as a factor in the epidemiology of medieval plague. Ell SR. **Rev Infect Dis** 1984 Nov–Dec;6(6):866–79

[The life and work of Dr. G. Girard] Dodin A. **Bull Soc Pathol Exot Filiales** 1985;78(3):413–5 **(Fre)**

IMMUNOLOGY

Role of the virulence-associated plasmids of Yersinia enterocolitica on its immunogenicity against Y. pestis. Mazigh D, et al. **Ann Microbiol (Paris)** 1984 Nov–Dec; 135B(3):283–90

Cross reactions in PHA test for plague antibodies. Sehgal S, et al. **J Commun Dis** 1984 Dec;16(4):317–9

[Fleas immune to plague studied by a serological method] Khrustselevskaia NM, et al. **Med Parazitol (Mosk)** 1985 Jan–Feb;(1):28–32 (Eng. Abstr.) **(Rus)**

OCCURRENCE

[Bases for predicting epizootics among rodents in a natural plague focus] Dubianskii MA, et al. **Zh Obshch Biol** 1984 Jul–Aug;45(4):485–90 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

[Effectiveness of various methods of exterminating fleas in natural foci of plague (review of the literature)] Soldatkin IS, et al. **Med Parazitol (Mosk)** 1985 Jan–Feb;(1):68–73 (82 ref.) **(Rus)**

TRANSMISSION

Fleas on roof rats in six areas of Los Angeles County, California: their potential role in the transmission of plague and murine typhus to humans. Schwan TG, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):372–9

Plague: review of ecology. Christie AB. **Ecol Dis** 1982; 1(2–3):111–5 (31 ref.)

[Fleas in human housing in natural plague foci of the Aral Sea region] Burdelov LA, et al. **Med Parazitol (Mosk)** 1985 May–Jun;(3):68–70 (Eng. Abstr.) **(Rus)**

[Block formation capacity in fleas infected with a plague agent after their feeding with blood substitutes] Akiev AK, et al. **Parazitologiia** 1985 May–Jun;19(3):242–4 (Eng. Abstr.) **(Rus)**

[Level of parasitic contact in colonies of the little suslik in the semideserts of western Kazakhstan] Shevchenko GV, et al. **Parazitologiia** 1984 Nov–Dec;18(6):459–63 (Eng. Abstr.) **(Rus)**

VETERINARY

Experimental plague in rock squirrels, Spermophilus variegatus (Erxleben). Quan TJ, et al. **J Wildl Dis** 1985 Jul;21(3):205–10

A comparison of serological techniques for plague surveillance. Shepherd AJ, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):771–3

[Hypotheses interpreting the epizootic process in plague] Levi MI. **Med Parazitol (Mosk)** 1985 Jan–Feb;(1):36–42 (Eng. Abstr.) **(Rus)**

PLANARIANS see under **TURBELLARIA**

PLANIGRAPHY, X-RAY see **TOMOGRAPHY, X-RAY**

PLANKTON

see related
EUTROPHICATION

[Microflora and microfauna of the habitat of Biomphalaria glabrata (Say, 1818)] de Lyra LT, et al. **Rev Bras Malariol Doencas Trop** 1983;35:37–56 (Eng. Abstr.) **(Por)**

ANALYSIS

[Fractional and amino acid composition of krill proteins and the potential for obtaining protein preparations] Orlova TA, et al. **Vopr Pitan** 1985 Jan–Feb;(1):62–5 (Eng. Abstr.) **(Rus)**

CLASSIFICATION

Detection, enumeration, and sizing of planktonic bacteria by image-analyzed epifluorescence microscopy. Sieracki ME, et al. **Appl Environ Microbiol** 1985 Apr;49(4):799–810

DRUG EFFECTS

Long-term effects of 1,2,4-trichlorobenzene on freshwater plankton in an outdoor-model-ecosystem. Lay JP, et al. **Bull Environ Contam Toxicol** 1985 May;34(5):761–9

ISOLATION & PURIFICATION

[New criteria for the sanitary management of beaches. Ecological indicators] Pleite Sánchez J, et al. **Rev Sanid Hig Publica (Madr)** 1984 Jan–Feb;58(1–2):73–82 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Unilateral ciliary reversal and motor responses during prey capture by the ctenophore Pleurobrachia. Tamm SL, et al. **J Exp Biol** 1985 Jan;114:443–61

PLANNED PARENTHOOD see **FAMILY PLANNING**

PLANNING, HEALTH AND WELFARE see **HEALTH PLANNING**

PLANNING, HEALTH FACILITY see **HEALTH FACILITY PLANNING**

PLANNING TECHNICS

see related
HEALTH PLANNING
SOCIAL PLANNING

Hospital library surveys for management and planning: past and future directions. Van Toll FA, et al. **Bull Med Libr Assoc** 1985 Jan;73(1):39–42

Proximity to retirement and anticipatory involvement: findings from the Normative Aging Study. Evans L, et al. **J Gerontol** 1985 May;40(3):368–74

Using a PERT planning network. To manage a nursing service computer system installation. Fralic MF. **J Nurs Adm** 1984 Dec;14(12):29–31

PLANNING THEORIES see PLANNING TECHNICS

PLANT AGGLUTININS see LECTINS

PLANT DISEASES

Extracellular proteinases of the isolate of Botrytis cinerea virulent to apple tissues. Urbanek H, et al. **Acta Biochim Pol** 1985;32(2):101-9

Studies on the antibiosis of Streptomyces roseofulvus 210 against Bacillus mycoides infection of sugar beet. Stankiewicz M, et al. **Acta Microbiol Pol** 1984; 33(3-4):257-62

Plant virus-specific transport function and resistance of plants to viruses. Atabekov JG, et al. **Adv Virus Res** 1984; 29:313-64 (199 ref.)

Effect of tiazofurin on tomato plants infected with tomato spotted wilt virus. Caner J, et al. **Antiviral Res** 1984 Dec; 4(6):325-31

Phytoalexins. Kuć J, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):455-72 (155 ref.)

Mechanism of photosensitivity reactions to diseased celery. Ashwood-Smith MJ, et al. **Br Med J [Clin Res]** 1985 Apr 27;290(6477):1249

Chemical seed treatment for Alternaria blight of Brassica juncea. Gaur RB, et al. **Hindustan Antibiot Bull** 1984 Aug-Nov;26(3-4):109-13

Chitinase-gold complex used to localize chitin ultrastructurally in tomato root cells infected by Fusarium oxysporum f. sp. radicis-lycopersici, compared with a chitin specific gold-conjugated lectin. Chamberland H, et al. **Histochem J** 1985 Mar;17(3):313-21

Spiroplasmas: from pathology to biology and vice versa. Bove JM. **Isr J Med Sci** 1984 Sep;20(9):817-25

Mycoplasma-like organisms (MLO), pathogens of the plant yellows diseases, as a model of coevolution between prokaryotes, insects and plants. Caudwell A. **Isr J Med Sci** 1984 Oct;20(10):1025-7

Presence of free arginine associated with susceptibility to lethal yellowing of palms. McCoy RE. **Isr J Med Sci** 1984 Oct;20(10):1016-8

Discovery of a new plant-pathogenic spiroplasma. Saillard C, et al. **Isr J Med Sci** 1984 Oct;20(10):1013-5

Stimulation of clover root hair infection by lectin-binding oligosaccharides from the capsular and extracellular polysaccharides of Rhizobium trifolii. Abe M, et al. **J Bacteriol** 1984 Nov;160(2):517-20

Isolation of furanoterpene-containing particles from Ceratocystis fimbriata-infected sweet potato root tissue. Oba K, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1951-4

Differentiation between Xanthomonas campestris pv. oryzae, Xanthomonas campestris pv. oryzicola and the bacterial 'brown blotch' pathogen on rice by numerical analysis of phenotypic features and protein gel electrophoregrams. Vera Cruz CM, et al. **J Gen Microbiol** 1984 Nov;130 (Pt 11):2983-99

Studies on the cell surface of zoospores and cysts of the fungus Phytophthora cinnamomi: nature of the surface saccharides as determined by quantitative lectin binding studies. Bacic A, et al. **J Histochem Cytochem** 1985 May; 33(5):384-8

Expression of disease symptoms in cauliflower mosaic virus genomic hybrids. Daubert SD, et al. **J Mol Appl Genet** 1984;2(6):537-47

Characterisation of DNA forms associated with cassava latent virus infection. Stanley J, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2189-206

Cytoplasmic acidosis as a determinant of flooding intolerance in plants. Roberts JK, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6029-33

Infection of a Chlorella-like alga with the virus, PBCV-1: ultrastructural studies. Meints RH, et al. **Virology** 1984 Oct 30;138(2):341-6

[An application for authorization to use diphenylamine for the treatment of apples after picking and before their storage in a cold chamber or in controlled atmosphere to inhibit scald] Truhaut R. **Bull Acad Natl Med (Paris)** 1985 Jan;169(1):99-101 **(Fre)**

PLANT EXTRACTS

Stereoselective reactions. VIII. Stereochemical requirement for the benzylic oxidation of lignan lactone. A highly selective synthesis of the antitumor lignan lactone steganacin by the oxidation of stegane. Ishiguro T, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):609-17

Lignans from bark of the Olea plants. I. Tsukamoto H, et al. **Chem Pharm Bull (Tokyo)** 1984 Jul;32(7):2730-5

Effect of Salviae miltiorrhizae compound on pulmonary artery hypertension caused by chronic pulmonary thromboembolism. Zhao YF, et al. **Chin Med J [Engl]** 1984 Jul;97(7):473-8

Palatability study of two commonly-used bulk-additives. Perot S, et al. **Ir Med J** 1985 May;78(5):137-8

Effects of Tripterygium wilfordii on the menstruation of 50 patients suffering from rheumatoid arthritis—with a summary of its therapeutic effects in 12 cases of menorrhagia. Shu HY, et al. **J Tradit Chin Med** 1984 Sep; 4(3):237-40

Effects of radix Angelicae sinensis on hemorrheology in patients with acute ischemic stroke. Tu JJ. **J Tradit Chin Med** 1984 Sep;4(3):225-8

Desmutagenic substance in water extract of grass-wrack pondweed (Potamogeton oxyphylus Miquel). Sato T, et al. **Mutat Res** 1984 Oct;129(1):33-8

Potent molluscicides from Asparagus. Sati OP, et al. **Pharmazie** 1984 Aug;39(8):581

[Antimicrobial effect of arbutin and an extract of the leaves of Arctostaphylos uva-ursi in vitro] Jahodář L, et al. **Cesk Farm** 1985 Jun;34(5):174-8 (Eng. Abstr.) **(Cze)**

[Comments on the incidence of contact allergy] Eberhartinger C. **Z Hautkr** 1984 Oct 1;59(19):1283-6, 1289 (Eng. Abstr.) **(Ger)**

[Preliminary assay in the laboratory to verify the molluscacidal effect of various species of Brazilian flora] Mendes NM, et al. **Rev Saude Publica** 1984 Oct; 18(5):348-54 (Eng. Abstr.) **(Por)**

[A valuable contribution to dietology] Pavlov MI. **Voen Med Zh** 1985 Apr;(4):77 **(Rus)**

ADMINISTRATION & DOSAGE

Byssinosis: Release of prostaglandins, thromboxane, and 5-hydroxytryptamine in bronchopulmonary lavage fluid after inhalation of cotton dust extracts. Mundie TG, et al. **Am J Pathol** 1985 Jan;118(1):128-33

Local nasal immunotherapy: efficacy of low-dose aqueous ragweed extract. Georgitis JW, et al. **J Allergy Clin Immunol** 1985 Apr;75(4):496-500

[Clinical observations on 36 cases of viral myocarditis treated with Epimedium grandiflorum Moor and vitamin C] Zhu SC. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):523-4, 514 (Eng. Abstr.) **(Chi)**

[Effect of chlorophyllypt phonophoresis on the dehydrogenase activity of the corneal anterior epithelium in alkali burns] Moiseeva NN. **Oftalmol Zh** 1984;(4):232-4 (Eng. Abstr.) **(Rus)**

[Perspectives in the use of products of processing ether oil-yielding plants for the treatment of chronic dermatoses] Rodin IuA, et al. **Vestn Dermatol Venerol** 1984 Aug; (8):42-4 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Lymphocyte subsets in patients with compositae oleoresin dermatitis and increased UVA sensitivity during treatment with azathioprine. Baadsgaard O, et al. **Arch Dermatol Res** 1985;277(4):304-6

[Laurel allergy. Cause, effect and sequelae of the external application of a so-called nature remedy] Hausen BM. **Dtsch Med Wochenschr** 1985 Apr 19;110(16):634-8 (Eng. Abstr.) **(Ger)**

ANALYSIS

Recent advances in khat research. Kalix P. **Alcohol Alcohol** 1984;19(4):319-23 (42 ref.)

Stability of Lolium perenne extract. Ayuso R, et al. **Ann Allergy** 1984 Nov;53(5):426-31

Selective extraction of Chara actin bundles: identification of actin and two coextracting proteins. Williamson RE, et al. **Cell Biol Int Rep** 1985 Jun;9(6):547-54

The absolute stereostructure of curcumol isolated from Curcuma wenyujin. Inayama S, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3783-6

Lignans from bark of Fraxinus mandshurica var. japonica and F. japonica. Tsukamoto H, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4482-9

The active principles of plant extracts with antithyrotropic activity: oxidation products of derivatives of 3,4-dihydroxycinnamic acid. Auf'mkolk M, et al. **Endocrinology** 1985 May;116(5):1677-86

Analysis of 2-phenyl-chromon derivatives and chlorogenic acid. II. High-performance thin layer chromatography and high-performance liquid chromatography in flowers, leaves and buds extractives of Crataegus oxyacantha L. Ficarra P, et al. **Farmaco [Prat]** 1984 Oct;39(10):342-54

Recovery of plant amines with carboxylic ion-exchange substrates and their subsequent analysis by thin-layer chromatography. Albert LS, et al. **J Chromatogr** 1984 Nov 16;312:357-85

Solid-state fluorodensitometric quantitation of arylnaphthalene lignan lactones of Cleistanthus collinus. Annapoorani KS, et al. **J Chromatogr** 1984 Oct 26; 303(1):296-305

Cyanogenic glycosides and cyanohydrins in plant tissues. Qualitative and quantitative determination by enzymatic post-column cleavage and electrochemical detection, after separation by high-performance liquid chromatography. Brimer L, et al. **J Chromatogr** 1984 Oct 26;303(1):77-88

Electrochemical detection of cyanogenic glycosides after enzymatic post-column cleavage. Dalgaard L, et al. **J Chromatogr** 1984 Oct 26;303(1):67-76

Determination of S-methyl cysteine sulfoxide in Brassica extracts by high-performance liquid chromatography. Gustine DL. **J Chromatogr** 1985 Feb 20;319(3):450-3

Quantitative determination of biologically active constituents in crude extracts of medicinal plants by thin-layer chromatography-densitometry. II. Eleutherococcus senticosus Maxim., Panax ginseng Meyer and Picrorrhiza kurroa Royle. Vanhaelen M, et al. **J Chromatogr** 1984 Nov 16;312:497-503

Canavanine analysis of alfalfa extracts by high performance liquid chromatography using pre-column derivatization. Weissberger LE, et al. **J Chromatogr Sci** 1984 Oct; 22(10):438-40

New constituents of Prunus africana bark extract. Catalano S, et al. **J Nat Prod** 1984 Sep-Oct;47(5):910

Additional alkaloids of Pachygone ovata. El-Kawi MA, et al. **J Nat Prod** 1984 May-Jun;47(3):459-64

A phytochemical screening procedure for sweet ent-kaurene glycosides in the genus Stevia. Kinghorn AD, et al. **J Nat Prod** 1984 May-Jun;47(3):439-44

Sesquiterpene lactones in the molluscidal extract of Eremanthus glomerulatus. Dias Barros DA, et al. **Planta Med** 1985 Feb;(1):38-9

[Sapogenins from rootlets of Panax notoginseng] Wei JX. **Chung Yao Tung Pao** 1984 Nov;9(6):27-9 **(Chi)**

[Lignans and alkaloids of Hernandia ovigera L. var. mascarenensis Meissn] Chalandre MC, et al. **Ann Pharm Fr** 1984;42(4):317-21 (Eng. Abstr.) **(Fre)**

[Drosera peltata and the standardization of drosera tincture] Leclercq J, et al. **J Pharm Belg** 1984 Sep-Oct;39(5):269-74 (Eng. Abstr.) **(Fre)**

[Toxic substances sought in sneezing powders] Libon M, et al. **J Pharm Belg** 1984 Jul-Aug;39(4):233-7 (Eng. Abstr.) **(Fre)**

[Gas chromatographic retention behavior of substances of plant origin. I. Retention indices of the main components of lavender and lavender oils] Nyiredy S, et al. **Acta Pharm Hung** 1985 Mar;55(2):49-58 (Eng. Abstr.) **(Hun)**

[Studies on the aromatic constituents of crude drugs. I. On the aromatic constituents of ginseng radix] Iwabuchi H, et al. **Yakugaku Zasshi** 1984 Sep;104(9):951-8 (Eng. Abstr.) **(Jpn)**

[An investigation of benzine extract obtained from dill fruits (Anethum graveolens L.)] Glowniak K, et al. **Ann Univ Mariae Curie Sklodowska [Med]** 1982;37:251-7 **(Rus)**

BIOSYNTHESIS

Casbene synthetase: regulation of phytoalexin biosynthesis in Ricinus communis L. seedlings. Purification of casbene synthetase and regulation of its biosynthesis during elicitation. Moesta P, et al. **Arch Biochem Biophys** 1985 Apr;238(1):325-33

DIAGNOSTIC USE

Binding of cadmium, copper, and lead ions by modified cellulosic materials. Okieimen FE, et al. **Bull Environ Contam Toxicol** 1985 Jun;34(6):866-70

IMMUNOLOGY

Immunopotentiator separated from hot water extract of the seed of Benincasa cerifera Savi (Tohgashi). Kumazawa Y, et al. **Cancer Immunol Immunother** 1985;19(2):79-84

Distribution of allergen activity and identification of the main IgE-binding glycopeptide of Parietaria judaica pollen. Corbi AL, et al. **Int Arch Allergy Appl Immunol** 1985; 76(2):156-61

Identification of orchard grass (Dactylis glomerata) pollen allergens following electrophoretic transfer to nitrocellulose. Ford SA, et al. **Int Arch Allergy Appl Immunol** 1985;78(1):15-21

Murine lymphocyte responses to purified components of rye grass pollen extract. Moran DM, et al. **Int Arch Allergy Appl Immunol** 1985;76(3):261-5

Studies on allergen and allergoid preparations from purified timothy (Phleum pratense) pollen extracts. III. Comparative investigations by skin prick tests and nasal provocation tests. Wihl JA, et al. **Int Arch Allergy Appl Immunol** 1985;76(2):162-7

Brief report: evaluation of polymerized ragweed extracts by intradermal end point titration, RAST inhibition, and parallel line bioassay. Grammer LC, et al. **J Allergy Clin Immunol** 1985 Jul;76(1):123-7

Approval by the Food and Drug Administration of polymerized ragweed extract for treatment of ragweed-sensitive individuals [letter] Patterson R. **J Allergy Clin Immunol** 1985 Sep;76(3):525

Skin testing with an aqueous extract of cotton bract. Schachter EN, et al. **J Allergy Clin Immunol** 1985 Sep; 76(3):481-7

The immunopotentiating effect of epemedii flavone on T-cell function in yang-deficient animal model and its relationship with cyclic nucleotides. Yang GZ, et al. **J Tradit Chin Med** 1985 Mar;5(1):51-4

A study of compositae plant extract reactions in photosensitivity dermatitis. Addo HA, et al. **Photodermatol** 1985 Apr;2(2):68-79

[The sensitizing capacity of composite plants. VII. Experimental studies with extracts and compounds of Chamomilla recutita (L.) Rauschert and Anthemis cotula L.] Hausen BM, et al. **Planta Med** 1984 Jun;50(3):229-34 (Eng. Abstr.) **(Ger)**

ISOLATION & PURIFICATION

Isolation from Cannabis sativa L. of cannflavin—a novel inhibitor of prostaglandin production. Barrett ML, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):2019-24

New methods for identification of Alismatis rhizoma by means of electrophoresis, paper partition chromatography, and thin-layer chromatography. Tomoda M, et al. **Chem Pharm Bull (Tokyo)** 1984 Jul;32(7):2845-7

Lariciresinol derivatives from Turrea nilotica and Monechma ciliatum. Ayoub SM, et al. **J Nat Prod** 1984 Sep–Oct;47(5):875–6

Phytochemical investigations of plants of the genus Aristolochia, 1. Isolation and NMR spectral characterization of eupomatenoid derivatives. Enriquez RG, et al. **J Nat Prod** 1984 Sep–Oct;47(5):896–9

[The constituents of the Chinese drug 'ti–ku–'pi'. I. Isolation and constitution of lyciumamide, a new dipeptide] Noguchi M, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3584–7 (Eng. Abstr.) **(Ger)**

METABOLISM

Delayed release peppermint oil capsules (Colpermin) for the spastic colon syndrome: a pharmacokinetic study. Somerville KW, et al. **Br J Clin Pharmacol** 1984 Oct;18(4):638–40

Metabolic changes in elicitor–treated bean cells. Selectivity of enzyme induction in relation to phytoalexin accumulation. Robbins MP, et al. **Eur J Biochem** 1985 May 2;148(3):563–9

Production and metabolism of lignans by the human faecal flora. Borriello SP, et al. **J Appl Bacteriol** 1985 Jan;58(1):37–43

[Comparative study of availability of various extracts of Strychnos Ligustrina B. L.] Jacob M, et al. **Pharm Acta Helv** 1985;60(1):13–6 (Eng. Abstr.) **(Fre)**

PHARMACODYNAMICS

An experimental study of the inhibition effect of pang qi ju on influenza viruses. Deng RL, et al. **Acta Acad Med Wuhan** 1984;4(4):245–7

Effect of Pueraria tuberosa DC on the oestrous cycle of adult rats. Mathur R, et al. **Acta Eur Fertil** 1984 Sep–Oct;15(5):393–4

Contraceptive potency of Pueraria tuberosa D.C. and its hormonal status. Prakash AO, et al. **Acta Eur Fertil** 1985 Jan–Feb;16(1):59–65

Gastric mucosal formation of prostanoids and the effects of drugs. Bennett A. **Acta Physiol Hung** 1984;64(3–4):215–7

Experimental pharmacological study of three species from genus Salvia. Todorov S, et al. **Acta Physiol Pharmacol Bulg** 1984;10(2):13–20

Blood coagulation activities of the root extracts of Fagara xanthoxyloides plant. Essien EM, et al. **Afr J Med Med Sci** 1985 Mar–Jun;14(1–2):83–8

Lack of schizontocidal activity of three herbal decoctions on Plasmodium berghei berghei in mice. Makinde JM, et al. **Afr J Med Med Sci** 1985 Mar–Jun;14(1–2):55–8

Screening of Morinda lucida leaf extract for antimalarial action on Plasmodium berghei berghei in mice. Makinde JM, et al. **Afr J Med Med Sci** 1985 Mar–Jun;14(1–2):59–63

Investigations of various extracts of Morinda lucida for antimalarial actions on Plasmodium berghei berghei in mice. Obih PO, et al. **Afr J Med Med Sci** 1985 Mar–Jun;14(1–2):45–9

Effect of Azadirachta indica on Plasmodium berghei berghei in mice. Obih PO, et al. **Afr J Med Med Sci** 1985 Mar–Jun;14(1–2):51–4

Immunomodulatory effects of Panax Ginseng C.A. Meyer in the mouse. Jie YH, et al. **Agents Actions** 1984 Oct;15(3–4):386–91

The pharmacological studies in central nervous system on the interaction of Taiwanese Veratri Formosani Rhizoma and Sophorae Radix. Lin WC, et al. **Am J Chin Med** 1984 Summer;12(1–4):124–35

Antihemostatic effect of Hsien–Ho–T'sao (Agrimonia pilosa). Wang JP, et al. **Am J Chin Med** 1984 Summer;12(1–4):116–23

Effect of cotton bracts extract on canine tracheal epithelium and shunt pathway. Cloutier MM, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1087–90

Inhibition of mycobacteria by garlic extract (Allium sativum). Delaha EC, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):485–6

Effect of plant extracts on the in vitro interferon synthesis. Zielińska–Jenczylik J, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(5):577–82

Comparative effect of zoapatle (Montanoa tomentosa) products and of verapamil on the in vitro uterine contractility of rat. Béjar E, et al. **Arch Invest Med (Mex)** 1984 Jul–Sep;15(3):223–38 **(Eng, Spa)**

Inhibition by cocoa extracts of biosynthesis of extracellular polysaccharide by human oral bacteria. Paolino VJ, et al. **Arch Oral Biol** 1985;30(4):359–63

Ginseng extract inhibits protein degradation and stimulates protein synthesis in human fibroblasts. Lu ZQ, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):636–40

Endothelium–dependent relaxations of rabbit isolated aorta produced by carbachol and by Ginkgo biloba extract. Delaflotte S, et al. **Biomed Biochim Acta** 1984;43(8–9):S212–6

Aqueous extracts of onion, garlic and ginger inhibit platelet aggregation and alter arachidonic acid metabolism. Srivastava KC. **Biomed Biochim Acta** 1984;43(8–9):S335–46

The ability of thapsigargin and thapsigargicin to activate cells involved in the inflammatory response. Ali H, et al. **Br J Pharmacol** 1985 Jul;85(3):705–12

Antispasmodic effects of an alkaloid extracted from Phyllanthus sellowianus: a comparative study with papaverine. Calixto JB, et al. **Braz J Med Biol Res** 1984;17(3–4):313–21

Inhibitory action of Piper betle on the initiation of 7,12–dimethylbenz[a]anthracene–induced mammary carcinogenesis in rats. Rao AR, et al. **Cancer Lett** 1985 Mar;26(2):207–14

Protection against dimethylhydrazine–induced adenomatous tumors of the mouse colon by the dietary addition of an extract of soybeans containing the Bowman–Birk protease inhibitor. Weed HG, et al. **Carcinogenesis** 1985 Aug;6(8):1239–41

Inhibitors of angiotensin converting enzyme in crude drugs. I. Inokuchi J, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3615–9

Studies on Scutellariae radix. VII. Anti–arthritic and anti–inflammatory actions of methanolic extract and flavonoid components from Scutellariae radix. Kubo M, et al. **Chem Pharm Bull (Tokyo)** 1984 Jul;32(7):2724–9

Inhibitors of adenosine 3',5'–cyclic monophosphate phosphodiesterase in Cassia seed. Nikaido T, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3075–8

Inhibitors of xanthine oxidase from Athyrium mesosorum. Noro T, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4455–9

Effect of aqueous extracts of Acanthopanax senticosus on parathion toxicity in mice. Ferguson PW, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):278–81

Effect of aqueous extracts of Acanthopanax senticosus on parathion toxicity in mice. Ferguson PW, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):278–81

The zoapatle. VIII. Ultrastructural changes in endometrium of rats. González Angulo A, et al. **Contraception** 1985 May;31(5):509–21

The zoapatle. VII. Antiimplantation effect in the rat of zoapatle aqueous crude extract (ZACE) from Montanoa tomentosa and Montanoa frutescens. Pedrón N, et al. **Contraception** 1985 May;31(5):499–507

The zoapatle. XI. Effects elicited by Montanoa tomentosa and Montanoa frutescens on rat uterine strips. Perusquía M, et al. **Contraception** 1985 May;31(5):543–51

The zoapatle. X. The in vitro effect of zoapatle aqueous crude extract (ZACE) and histamine upon rat and guinea pig uterine strips. Ponce–Monter H, et al. **Contraception** 1985 May;31(5):533–41

The zoapatle. IX. In vitro effect of Montanoa tomentosa and Montanoa frutescens upon human sperm and red cells. Wens A, et al. **Contraception** 1985 May;31(5):523–32

Marihuana–derived material: biochemical studies of the ocular responses. Green K, et al. **Curr Eye Res** 1985 May;4(5):631–9

Extracts and auto–oxidized constituents of certain plants inhibit the receptor–binding and the biological activity of Graves' immunoglobulins. Auf'mkolk M, et al. **Endocrinology** 1985 May;116(5):1687–93

Metabolic changes in elicitor–treated bean cells. Enzymic responses associated with rapid changes in cell wall components. Bolwell GP, et al. **Eur J Biochem** 1985 May 2;148(3):571–8

Metabolic changes in elicitor–treated bean cells. Selectivity of enzyme induction in relation to phytoalexin accumulation. Robbins MP, et al. **Eur J Biochem** 1985 May 2;148(3):563–9

Emblica officinalis reduces serum, aortic and hepatic cholesterol in rabbits. Thakur CP. **Experientia** 1985 Mar 15;41(3):423–4

A comparative study of raw garlic extract and tetracycline on caecal microflora and serum proteins of albino rats. Shashikanth KN, et al. **Folia Microbiol (Praha)** 1984;29(4):348–52

Evidence from two classic irritation tests for an anti–inflammatory action of a natural extract, Echinacina B. Tragni E, et al. **Food Chem Toxicol** 1985 Feb;23(2):317–9

Amylase inhibitor from wheat: its action and clinical application. Suehiro I, et al. **Gastroenterol Jpn** 1984 Aug;19(4):313–9

Ocular hypotension, ocular toxicity, and neurotoxicity in response to marihuana extract and cannabidiol. Colasanti BK, et al. **Gen Pharmacol** 1984;15(6):479–84

Comparison of the contractile effects of an extract of Ginkgo biloba and some neurotransmitters on rabbit isolated vena cava. Hellegouarch A, et al. **Gen Pharmacol** 1985;16(2):129–32

Effect of temperature on the responsiveness of cutaneous veins to the extract of Ruscus aculeatus. Rubanyi G, et al. **Gen Pharmacol** 1984;15(5):431–4

Efficacy of Vinca rosea extracts against protease from human pathogenic strains of Trichophyton rubrum Sab. Chile SK, et al. **Hindustan Antibiot Bull** 1984 Aug–Nov;26(3–4):114–6

Effects of certain ayurvedic preparations on the multiplication of M. leprae in mouse foot–pads. Bhatia VN, et al. **Ind J Lepr** 1984 Oct–Dec;56(4):970–1

Screening of Indian plants for biological activity: Part X. Aswal BS, et al. **Indian J Exp Biol** 1984 Jun;22(6):312–32

Screening of Indian plants for biological activity––Part XI. Aswal BS, et al. **Indian J Exp Biol** 1984 Sep;22(9):487–504

Antifertility activity of a traditional contraceptive pill comprising Acacia catechu, A. arabica & Tragia involucerta. Azad Chowdhury AK, et al. **Indian J Med Res** 1984 Sep;80:372–4

Hypoglycemic activity of Tephrosea purpurea Linn. seeds. Rahman H, et al. **Indian J Med Res** 1985 Apr;81:418–21

Anticonvulsant activity of the mixed fatty acids of Elaeocarpus ganitrus roxb. (Rudraksh). Dasgupta A, et al. **Indian J Physiol Pharmacol** 1984 Jul–Sep;28(3):245–6

Some aspects of pharmacological profile of sodium curcuminate. Rao TS, et al. **Indian J Physiol Pharmacol** 1984 Jul–Sep;28(3):211–5

A drug used in traditional medicine: Harpagophytum procumbens DC. II. Cardiovascular activity. Circosta C, et al. **J Ethnopharmacol** 1984 Aug;11(3):259–74

Investigations on Dieffenbachia amoena Gentil. I: Endocrine effects and contraceptive activity. Costa de Pasquale R, et al. **J Ethnopharmacol** 1984 Dec;12(3):293–303

A drug used in traditional medicine: Harpagophytum procumbens DC. III. Effects on hyperkinetic ventricular arrhythmias by reperfusion. Costa De Pasquale R, et al. **J Ethnopharmacol** 1985 May;13(2):193–9

Anti–hyperglycaemic effect of an extract of Myrtus communis in streptozotocin–induced diabetes in mice. Elfellah MS, et al. **J Ethnopharmacol** 1984 Aug;11(3):275–81

Anti–inflammatory activity of Eryngium maritimum L. rhizome extracts in intact rats. Lisciani R, et al. **J Ethnopharmacol** 1984 Dec;12(3):263–70

A drug used in traditional medicine: Harpagophytum procumbens DC. IV. Effects on some isolated muscle preparations. Occhiuto F, et al. **J Ethnopharmacol** 1985 May;13(2):201–8

Screening for biological activity of different plant parts of Tabernaemontana dichotoma, known as divi kaduru in Sri Lanka. Perera P, et al. **J Ethnopharmacol** 1984 Jul;11(2):233–41

Antifertility effect of Citrus hystrix DC. Piyachaturawat P, et al. **J Ethnopharmacol** 1985 Mar;13(1):105–10

Study of anti–inflammatory activity in the leaves of Nyctanthes arbor tristis Linn.––an Indian medicinal plant. Saxena RS, et al. **J Ethnopharmacol** 1984 Aug;11(3):319–30

Experimental anti–ulcer activity of Veronica officinalis L. extracts. Scarlat M, et al. **J Ethnopharmacol** 1985 May;13(2):157–63

Cholagogic effect of ginger and its active constituents. Yamahara J, et al. **J Ethnopharmacol** 1985 May;13(2):217–25

Circumstantial evidence for phytoalexin involvement in the resistance of peanuts to Aspergillus flavus. Wotton HR, et al. **J Gen Microbiol** 1985 Mar;131 (Pt 3):487–94

The effect of 'non–tai–yak' (Stemona curtisii) on the action potential of isolated frog sciatic nerve. A preliminary report. Prucksunand C, et al. **J Med Assoc Thai** 1985 Feb;68(2):66–71

Modified smear method for screening potential inhibitors of platelet aggregation from plant sources. Yun–Choi HS, et al. **J Nat Prod** 1985 May–Jun;48(3):363–70

Combination effects of Shosaikoto (Chinese traditional medicine) and prednisolone on the anti–inflammatory action. Shimizu K, et al. **J Pharmacobiodyn** 1984 Dec;7(12):891–9

Studies on the combination of Glycyrrhizae Radix in Shakuyakukanzo–To. Sugishita E, et al. **J Pharmacobiodyn** 1984 Jul;7(7):427–35

Phase I tolerability study of Yogaraj–guggulu––a popular ayurvedic drug. Antarkar DS, et al. **J Postgrad Med** 1984 Apr;30(2):111–5

Studies on hawthorn and its active principle. I. Effect on myocardial ischemia and hemodynamics in dogs. Li LD, et al. **J Tradit Chin Med** 1984 Dec;4(4):283–8

Effect of ammonium glycyrrhizinate on pig kidney microsome Na+, K+–ATPase activity in vitro. Qi ZJ, et al. **J Tradit Chin Med** 1984 Dec;4(4):307–8

Inhibitory effect of asarum oil on the central nervous system. Qu SY, et al. **J Tradit Chin Med** 1984 Sep;4(3):219–24

Involvement of platelet activating factor in respiratory anaphylaxis, demonstrated by PAF–acether inhibitor BN 52021 [letter] Braquet P, et al. **Lancet** 1985 Jun 29;1(8444):1501

Extracts of feverfew inhibit granule secretion in blood platelets and polymorphonuclear leucocytes. Heptinstall S, et al. **Lancet** 1985 May 11;1(8437):1071–4

Pharmacological evaluation of aqueous root extract of Selayak Hitam: lack of oxytocic activity. Gan EK, et al. **Med J Malaysia** 1984 Mar;39(1):42–7

Andrographolide and kalmegh (Andrographis paniculata) extract: in vivo and in vitro effect on hepatic lipid peroxidation. Choudhury BR, et al. **Methods Find Exp Clin Pharmacol** 1984 Sep;6(9):481–5

Effect of aponin, a substance from a green alga Nannochloris species, on the spore germination of two fungi. Halvorson MJ, et al. **Microbios** 1984;41(164):105–13

Detection and chemical identification of natural bio–antimutagens. A case of the green tea factor. Kada T, et al. **Mutat Res** 1985 Jun–Jul;150(1–2):127–32

A desmutagenic factor isolated from burdock (Arctium lappa Linne). Morita K, et al. **Mutat Res** 1984 Oct;129(1):25–31

Desmutagenic substance in water extract of grass–wrack pondweed (Potamogeton oxyphylus Miquel). Sato T, et al. **Mutat Res** 1984 Oct;129(1):33–8

Some biochemical properties of trypsin inhibitor type antinutrients derived from extracts of wheat grain, Beta variety. Mossor G, et al. **Nahrung** 1985;29(5):491–500

Studies on substances of plant origin with anticipated cyto– and oncostatic activity. Part 1: The influence of water extracts from Melissa officinalis on the protein biosynthesis in vitro. Chlabicz J, et al. **Pharmazie** 1984 Nov;39(11):770

Antiinflammatory compounds from Plagiorhegma dubium cell culture. Arens H, et al. **Planta Med** 1985 Feb;(1):52–6

Cardiac and extracardiac activity of an ethanolic extract of leaves of Isoplexis canariensis. Boada J, et al. **Planta Med** 1984 Aug;50(4):307-9

In vitro and in vivo assesement of the antimalarial activity of sergeolide. Fandeur T, et al. **Planta Med** 1985 Feb;(1):20-3

Antihepatotoxic actions of lignoids from Schizandra chinensis fruits. Hikino H, et al. **Planta Med** 1984 Jun;50(3):213-8

Antihepatotoxic actions of flavonolignans from Silybum marianum fruits. Hikino H, et al. **Planta Med** 1984 Jun;50(3):248-50

Studies on the Taiwan folk medicine; III. A smooth muscle relaxant from Onychium siliculosum, onitin. Ho ST, et al. **Planta Med** 1985 Apr;(2):148-50

Assay methods for antihepatotoxic activity using peroxide-induced cytotoxicity in primary cultured hepatocytes. Kiso Y, et al. **Planta Med** 1985 Feb;(1):50-2

Aqueous extract of valerian reduces latency to fall asleep in man. Leathwood PD, et al. **Planta Med** 1985 Apr;(2):144-8

An in vitro study on the effect of Momordica charantia on glucose uptake and glucose metabolism in rats. Meir P, et al. **Planta Med** 1985 Feb;(1):12-6

Muscle relaxant properties of aqueous extract of Lippia multiflora. Noamesi BK, et al. **Planta Med** 1985 Jun;(3):253-5

The vascular actions of aqueous extract of Lippia multiflora. Noamesi BK, et al. **Planta Med** 1985 Jun;(3):256-8

Pharmacological trials of crude extract of Passiflora alata. Oga S, et al. **Planta Med** 1984 Aug;50(4):303-6

Pharmacological investigations on Rhaponticum carthamoides. Petkov V, et al. **Planta Med** 1984 Jun;50(3):205-9

Effect of Aloe extract on peripheral phagocytosis in adult bronchial asthma. Shida T, et al. **Planta Med** 1985 Jun;(3):273-5

Immunomodulatory activity of Panax ginseng extract. Singh VK, et al. **Planta Med** 1984 Dec;50(6):462-5

Effect of Chinese herbal medicine 'saiko-keishi-to' on transmembrane ionic current of snail neurons. Sugaya A, et al. **Planta Med** 1985 Feb;(1):60-1

Effect of Chinese herbal medicine 'saiko-keishi-to' on intracellular calcium and protein behavior during pentylenetetrazole-induced bursting activity in snail neurons. Sugaya A, et al. **Planta Med** 1985 Feb;(1):2-6

Evaluation of antiinflammatory activity of a chamomile extract topical application. Tubaro A, et al. **Planta Med** 1984 Aug;50(4):359

Effect of Triticum vulgare extract on DNA synthesis of mammalian cells. Viano I, et al. **Planta Med** 1985 Apr;(2):91-3

Effect of Piper betle L. and its extracts on the growth and aflatoxin production by Aspergillus parasiticus. Chou CC, et al. **Proc Natl Sci Counc Repub China [B]** 1984 Jan;8(1):30-5

Hashish extract impairs retention of defeat-induced submissive behavior in mice. Frischknecht HR, et al. **Psychopharmacology (Berlin)** 1985;86(3):270-3

Residual effects of chronic cannabis treatment on behavior in mature rats. Stiglick A, et al. **Psychopharmacology (Berlin)** 1985;85(4):436-9

Nimbolide, a constituent of Azadirachta indica, inhibits Plasmodium falciparum in culture. Rochanakij S, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar;16(1):66-72

Studies of Wakan-Yakus (traditional herbal drugs): especially on the effects of Gaiyoh (Artemisiae folium) on blood coagulation. Niwa M, et al. **Thromb Res** 1985 Jun 15;38(6):671-9

Effects of garlic extract and of three pure components isolated from it on human platelet aggregation, arachidonate metabolism, release reaction and platelet ultrastructure—comments [letter] Sharma CP, et al. **Thromb Res** 1985 Feb 1;37(3):489-90

Some preliminary observations on the molluscicidal property of Alternathera sessilis (Amaranthaceae) [letter] Ndifon GT, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):706-7

The effect of Bixa orellana (annatto) on blood sugar levels in the anaesthetized dog. Morrison EY, et al. **West Indian Med J** 1985 Mar;34(1):38-42

[Diuretic, antihyperazotemic and antiexudative activity of fresh and stored nephroton] Lambev I. **Eksp Med Morfol** 1984;23(4):210-5 (Eng. Abstr.) **(Bul)**

[Experimental study on the effect of dried and prepared notoginseng on serum lipids] Chen GZ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):540-2, 515 (Eng. Abstr.) **(Chi)**

[Effect of Rheum palmatum L. on blood rheology in normal subjects] Liang ZJ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):560-2, 517 (Eng. Abstr.) **(Chi)**

[Application of xuejie in oral and maxillofacial surgery] Lu XX. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):626-7 **(Chi)**

[Effect of rheum on plasma cyclic-AMP and cyclic-GMP in rats with gastric stress ulcer] Lu ZS. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):622-3, 581 (Eng. Abstr.) **(Chi)**

[Study on the chemical composition and pharmacological effect of Ligusticum wallichii Franch] Ma YJ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):574-6 **(Chi)**

[Protective effect of qi-xue injections on rat liver damage induced by cortisone acetate—analysis of the stereometrical quantitation of ultrastructure] Niu JZ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):618-21, 581 (Eng. Abstr.) **(Chi)**

[A comparative study on the effect of 20 herbs activating blood circulation and decreasing blood stasis on the obstruction of experimental microcirculation] Weng WL. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):555-7, 517 (Eng. Abstr.) **(Chi)**

[Progress in the experimental research on the function of huo xue hua yu of Leonurus heterophyllus Sweet] Zhang CF. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):638-40 **(Chi)**

[Effect of Viscum coloratum (Kom) Nakai on changes in the cyclic nucleotides in ischemic myocardium] Zhu SH. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):548-51, 516 (Eng. Abstr.) **(Chi)**

[Radioprotective mechanism of a preparation extracted from TFB. I. Effects on the hemopoietic system in mice] Xu CX, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Oct;6(5):338-41 (Eng. Abstr.) **(Chi)**

[Antiviral effect of extract of Luffa cyclindrica sprout in vivo] Xu ZX, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Feb;6(1):12-6 (Eng. Abstr.) **(Chi)**

[Cardiac and hemodynamic effect of total saponins of Panax notoginseng] Wang JD, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Sep;5(3):181-5 (Eng. Abstr.) **(Chi)**

[Analgesic and central nervous system inhibiting effects of total saponins extracted from the leaves of Panax notoginseng] Lei WY. **Chung Yao Tung Pao** 1984 May;9(3):134-7 **(Chi)**

[Effect of several Chinese drugs on platelet aggregation in the rabbit] Song JN. **Chung Yao Tung Pao** 1984 Jul;9(4):182-4 **(Chi)**

[Hemodynamic effects of san chi (Panax notoginseng) root, leaf, flower and saponins on anesthetized dogs] Chen ZH, et al. **Yao Hsueh Hsueh Pao** 1983 Nov;18(11):818-22 (Eng. Abstr.) **(Chi)**

[The effect of analgesics and psychopharmaceuticals on myocardial injury] Mitová M, et al. **Cesk Patol** 1984 Nov;20(4):215-20 (Eng. Abstr.) **(Cze)**

[Antifungal activity of higher plants. Action of 49 indigenous plants on 11 phytopathogenic fungi] Chesne C, et al. **Ann Pharm Fr** 1984;42(1):27-33 (Eng. Abstr.) **(Fre)**

[Anticonvulsant activity of Cnestis ferruginea DC., Connaraceae] Declume C, et al. **Ann Pharm Fr** 1984;42(1):35-41 (Eng. Abstr.) **(Fre)**

[Antifungal activity of plant extracts used therapeutically. I. Study of 41 extracts against 9 fungi species] Guérin JC, et al. **Ann Pharm Fr** 1984;42(6):553-9 (Eng. Abstr.) **(Fre)**

[Antidiabetic activity of leaf extracts of Poupartia birrea (Hochst.) Aubr.] Laurens A, et al. **Ann Pharm Fr** 1984;42(6):547-51 (Eng. Abstr.) **(Fre)**

[Inhibition of poliovirus replication by an extract of Matricaria chamomilla (L)] Vilaginès P, et al. **C R Acad Sci [III]** 1985;301(6):289-94 (Eng. Abstr.) **(Fre)**

[General pharmacologic inventory of Rwandese medicinal plants] Chagnon M. **J Ethnopharmacol** 1984 Dec;12(3):239-51 (Eng. Abstr.) **(Fre)**

[Improvement of blood filtrability with a purified extract of black currant anthocyanosides in cynomologus monkeys on a fat diet] Millet J, et al. **J Pharmacol** 1984 Oct-Dec;15(4):439-45 (Eng. Abstr.) **(Fre)**

[Rhubarb, an old drug—but still current] Engelshowe R. **Pharm Unserer Zeit** 1985 Mar;14(2):40-9 **(Ger)**

[Endocrine effects of constituents of Cimicifuga racemosa. 1. The effect on serum levels of pituitary hormones in ovariectomized rats] Jarry H, et al. **Planta Med** 1985 Feb;(1):46-9 (Eng. Abstr.) **(Ger)**

[Spasmolytic effect of isoasaron free calamus] Keller K, et al. **Planta Med** 1985 Feb;(1):6-9 (Eng. Abstr.) **(Ger)**

[Effect of Centella asiatica on the biosynthetic activity of fibroblasts in culture] Del Vecchio A, et al. **Farmaco [Prat]** 1984 Oct;39(10):355-64 (Eng. Abstr.) **(Ita)**

[Evaluation of the choleretic property of 2 preparations containing extracts of boldo and cascara] Salati R, et al. **Minerva Dietol Gastroenterol** 1984 Jul-Sep;30(3):269-72 (Eng. Abstr.) **(Ita)**

[Asthmatic children and Chinese medicine. Scientific study of shoseiryuto and saibokuto] Umesato Y, et al. **Arerugi** 1984 Dec;33(12):1047-52 (Eng. Abstr.) **(Jpn)**

[Biochemical effects in mice and cytotoxicity in a cultured cell line of the extract of Amanita abrupta] Yamaura Y, et al. **Nippon Eiseigaku Zasshi** 1984 Dec;39(5):855-61 (Eng. Abstr.) **(Jpn)**

[The extraction of biologically active substances from hop] Kumai A, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Oct 20;60(10):1202-13 (Eng. Abstr.) **(Jpn)**

[Studies on platelet aggregation and cortinellus shiitake] Hayakawa M, et al. **Nippon Ronen Igakkai Zasshi** 1985 Mar;22(2):151-9 (Eng. Abstr.) **(Jpn)**

[Effects on hot water extracts of several kanpo-prescriptions on macrophage procoagulant activity. I] Adachi I, et al. **Yakugaku Zasshi** 1984 Sep;104(9):959-65 (Eng. Abstr.) **(Jpn)**

[Pharmacological studies on saiko-prescriptions. IV. Effect of shosaiko-to on swelling of rat hind paws induced by carrageenin] Kato M, et al. **Yakugaku Zasshi** 1984 May;104(5):509-15 (Eng. Abstr.) **(Jpn)**

[Pharmacological studies on saiko-prescriptions. V. Mechanisms of actions of shosaiko-to on swelling of rat hind paws induced by carrageenin] Kato M, et al. **Yakugaku Zasshi** 1984 May;104(5):516-23 (Eng. Abstr.) **(Jpn)**

[Studies on active substances of the herbs used for oketsu, blood coagulation, in Chinese medicine. I. On anticoagulant activities of the herbs used for oketsu] Kosuge T, et al. **Yakugaku Zasshi** 1984 Oct;104(10):1050-3 (Eng. Abstr.) **(Jpn)**

[Inhibitory effects of methanol extracts of crude drugs on the air oxidation of linoleic acid] Toda S, et al. **Yakugaku Zasshi** 1984 Apr;104(4):394-7 (Eng. Abstr.) **(Jpn)**

[Effect of spilanthol (extracted from jambu) on the electrical activity of the rabbit heart. The experimental electrocardiogram] Herdy GV, et al. **Arq Bras Cardiol** 1984 Nov;43(5):315-20 (Eng. Abstr.) **(Por)**

[Effect of spilanthol (extracted from jambu) on action potentials. Electric recordings in atrial fiber] Herdy GV, et al. **Arq Bras Cardiol** 1984 Dec;43(6):423-8 (Eng. Abstr.) **(Por)**

[Thromboplastic activity of higher plant extracts] Kudriashov BA, et al. **Biol Nauki** 1985;(4):56-60 (Eng. Abstr.) **(Rus)**

[Mechanism of adaptogenic effect of Eleutherococcus on the human body during thermal stress] Novozhilov GN, et al. **Fiziol Cheloveka** 1985 Mar-Apr;11(2):303-6 **(Rus)**

[Food inhibitors of the formation of carcinogenic nitroso compounds] Rubenchik BL, et al. **Vopr Pitan** 1985 Jan-Feb;(1):48-51 (Eng. Abstr.) **(Rus)**

[Pharmacodynamics of flamin] Drogovoz SM, et al. **Vrach Delo** 1984 Nov;(11):99-101 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Phytoalexins. Kuć J, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):455-72 (155 ref.)

POISONING

Suspected tremetol poisoning in horses. Olson CT, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):1001-3

Ventricular fibrillation and cardiac arrest due to neem leaf poisoning. Sivashanmugham R, et al. **J Assoc Physicians India** 1984 Jul;32(7):610-1

Reproduction of acute bracken poisoning in a calf with ptaquiloside, a bracken constituent. Hirono I, et al. **Vet Rec** 1984 Oct 13;115(15):375-8

['A visit from an old friend'; paranoid psychosis in chronic bromide poisoning] Tan KL, et al. **Ned Tijdschr Geneeskd** 1984 Oct 13;128(41):1929-30 **(Dut)**

STANDARDS

The international collaborative study establishing the first international standard for timothy (Phleum pratense) grass pollen allergenic extract. Gjesing B, et al. **J Allergy Clin Immunol** 1985 Feb;75(2):258-67

THERAPEUTIC USE

Rationale for specific immunotherapy of grass pollen allergy with extracts of rye pollen. Skin test reactivity and immunochemical relationship between pollen allergens from rye and other common grasses. Løwenstein H, et al. **Allergy** 1984 Aug;39(6):421-32

The treatment of experimental cirrhogenic aggressive chronic hepatitis with 'REGOPAR'—a natural product. Andronescu E, et al. **Arch Roum Pathol Exp Microbiol** 1984 Jan-Mar;43(1):77-85

6-Month double-blind randomised clinical trial of Ginkgo biloba extract versus placebo in two parallel groups in patients suffering from peripheral arterial insufficiency. Bauer U. **Arzneimittelforsch** 1984;34(6):716-20

A double-blind trial of an extract of the plant Serenoa repens in benign prostatic hyperplasia. Champault G, et al. **Br J Clin Pharmacol** 1984 Sep;18(3):461-2

Peppermint oil for the irritable bowel syndrome: a multicentre trial. Dew MJ, et al. **Br J Clin Pract** 1984 Nov-Dec;38(11-12):394, 398

Antitumor effect induced by a hot water extract of Chlorella vulgaris (CE): resistance to Meth-A tumor growth mediated by CE-induced polymorphonuclear leukocytes. Konishi F, et al. **Cancer Immunol Immunother** 1985;19(2):73-8

Cholagogic and antiulcer effect of saussureae radix and its active components. Yamahara J, et al. **Chem Pharm Bull (Tokyo)** 1985 Mar;33(3):1285-8

Effect of orally administered rhubarb extract in rats with chronic renal failure. Yokozawa T, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4506-13

A double-blind controlled clinical trial of mastic and placebo in the treatment of duodenal ulcer. Al-Habbal MJ, et al. **Clin Exp Pharmacol Physiol** 1984 Sep-Oct;11(5):541-4

Antiasthmatic effects of onion extracts—detection of benzyl- and other isothiocyanates (mustard oils) as antiasthmatic compounds of plant origin. Dorsch W, et al. **Eur J Pharmacol** 1984 Dec 15;107(1):17-24

Maintenance therapy: a two year comparison between

Caved-S and cimetidine treatment in the prevention of symptomatic gastric ulcer recurrence. Morgan AG, et al. **Gut** 1985 Jun;26(6):599-602

Failure in oral treatment of hemophilia by Huang-lien-chieh-tu-tang (plant extract), one of the Kanpo medicines [letter] Brochier G, et al. **Haemostasis** 1984;14(6):508-9

Effect of herb medicines for urolithiasis on urinary oxalate excretion in rats. Ogawa Y, et al. **Hinyokika Kiyo** 1983 Oct;29(10):1269-71

Hypoglycaemic activity of Hamiltonia suaveolens. Desai AC, et al. **Indian J Med Res** 1985 Jan;81:86-91

Beneficial effect of Inula racemosa (pushkarmoola) in angina pectoris: a preliminary report. Tripathi SN, et al. **Indian J Physiol Pharmacol** 1984 Jan-Mar;28(1):73-5

Tripterygium in dermatologic therapy. Xu WY, et al. **Int J Dermatol** 1985 Apr;24(3):152-7 (37 ref.)

Hypoglycemic and life-prolonging properties of Gymnema sylvestre leaf extract in diabetic rats. Srivastava Y, et al. **Isr J Med Sci** 1985 Jun;21(6):540-2

Further evaluation of local intranasal immunotherapy with aqueous and allergoid grass extracts. Georgitis JW, et al. **J Allergy Clin Immunol** 1984 Nov;74(5):694-700

Topical effect of aloe with ribonucleic acid and vitamin C on adjuvant arthritis. Davis RH, et al. **J Am Podiatr Med Assoc** 1985 May;75(5):229-37

Wheat extract and milk mixture as a milk substitute for children with milk intolerance. Suthutvoravut U, et al. **J Diarrhoeal Dis Res** 1984 Sep;2(3):168-72

Effects of the extracts of Desmodium adscendens on anaphylaxis. Addy ME, et al. **J Ethnopharmacol** 1984 Aug;11(3):283-92

Oral hypoglycaemic activity of some medicinal plants of Sri Lanka. Karunanayake EH, et al. **J Ethnopharmacol** 1984 Jul;11(2):223-31

Infantile rotavirus enteritis treated with herbal Valeriana jatamansi (VJ). Chen SD, et al. **J Tradit Chin Med** 1984 Dec;4(4):297-300

Effect of '764-1' eyedrops on ultrastructure of corneal scars in rabbits. Liu JW, et al. **J Tradit Chin Med** 1985 Mar;5(1):41-5

Clinical observation on the efficacy of 764-1 eyedrops in the treatment of corneal scars. Nie CY, et al. **J Tradit Chin Med** 1985 Mar;5(1):9-12

Treatment of rotavirus infection in tree shrews (Tupaia belangeri yunalis) with herbal Valeriana jatamansi (VJ). Pang QF, et al. **J Tradit Chin Med** 1984 Dec;4(4):301-6

Effects of Tripterygium wilfordii on the menstruation of 50 patients suffering from rheumatoid arthritis--with a summary of its therapeutic effects in 12 cases of menorrhagia. Shu HY, et al. **J Tradit Chin Med** 1984 Sep;4(3):237-40

Effects of radix Angelicae sinensis on hemorrheology in patients with acute ischemic stroke. Tu JJ. **J Tradit Chin Med** 1984 Sep;4(3):225-8

Therapeutic effect of Crataegus pinnatifida on 46 cases of angina pectoris--a double blind study. Weng WL, et al. **J Tradit Chin Med** 1984 Dec;4(4):293-4

Preliminary study of the effect of '764-1' eyedrops on the biochemical constituents of corneal scar in rabbits. Yang CZ, et al. **J Tradit Chin Med** 1985 Mar;5(1):47-50

The effect of toosendanin on monkey botulism. Zou J, et al. **J Tradit Chin Med** 1985 Mar;5(1):29-30

Study of anti diabetic effect of a compound medicinal plant prescription in normal and diabetic rabbits. Akhtar MS, et al. **JPMA** 1984 Aug;34(8):239-44

Effect of Melia azedarach fruits on gipsing-restraint stress-induced ulcers in rats. Hanifa Moursi SA, et al. **Jpn J Pharmacol** 1984 Dec;36(4):527-33

Antitumor activity of methanol extract from roots of Agrimonia pilosa Ledeb. Koshiura R, et al. **Jpn J Pharmacol** 1985 May;38(1):9-16

Feverfew--a new drug or an old wives' remedy? [editorial] **Lancet** 1985 May 11;1(8437):1084

Rationale of garlic use in ischemic heart disease? Arora RC, et al. **Mater Med Pol** 1985 Jan-Mar;17(1):48-50

Regression of atherosclerotic lesions and control of plasma lipids and lipoprotein cholesterol by Anna Pavala Sindhooram therapy. Dhandapani K, et al. **Pharmacol Res Commun** 1984 Aug;16(8):737-54

Extracts of the ivy plant, Hedera helix, and their anthelminthic activity on liver flukes. Julien J, et al. **Planta Med** 1985 Jun;(3):205-8

Studies on the suanzaorentang in the treatment of anxiety. Chen HC, et al. **Psychopharmacology (Berlin)** 1985;85(4):486-7

Grass pollen allergoid. A 4-year follow-up study. Baumgarten C, et al. **Respiration** 1984;46(1):97-104

Reactivation of the secretion from the prostatic gland in cases of reduced fertility. Biological study of seminal fluid modifications. Lucchetta G, et al. **Urol Int** 1984;39(4):222-4

The effect of an aqueous horse-radish extract, applied as such or in association with caffeine, on experimental influenza in mice. Eşanu V, et al. **Virologie** 1985 Apr-Jun;36(2):95-8

[Clinical trial of the herbal combination Dietosan in the species and disperg forms for treating patients with non-insulin-dependent diabetes mellitus] Angelova I. **Vutr Boles** 1984;23(6):52-5 (Eng. Abstr.) **(Bul)**

[Clinico-pharmacological studies of a modification of the preparation rosanol to decrease its cost] Stoianov S, et al. **Vutr Boles** 1984;23(4):28-31 **(Bul)**

[Treatment of acute bacillary dysentery with traditional Chinese medicine and western medicine combined--analysis of 117 cases] Wu YC. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):525-7, 514 (Eng. Abstr.) **(Chi)**

[Clinical analysis of 84 cases of glomerulonephritis treated with Tripterygium wilfordii] Zheng DH. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):604-6, 579 (Eng. Abstr.) **(Chi)**

[Medical treatment of prostatic adenoma. Controlled trial: PA 109 vs placebo in 110 patients] Champault G, et al. **Ann Urol (Paris)** 1984 Dec;18(6):407-10 (Eng. Abstr.) **(Fre)**

[Controlled study of the effects of Pygeum africanum extract on the functional symptoms of prostatic adenoma] Dufour B, et al. **Ann Urol (Paris)** 1984 May;18(3):193-5 (Eng. Abstr.) **(Fre)**

[Clinical experimental test and equilibrimetric measurements of the therapeutic action of a homeopathic drug consisting of ambra, cocculus, Conium and mineral oil in the diagnosis of vertigo and nausea] Claussen CF, et al. **Arzneimittelforsch** 1984;34(12):1791-8 (Eng. Abstr.) **(Ger)**

[Antidepressive effect of a Hypericum extract standardized to an active hypericine complex. Biochemical and clinical studies] Müldner H, et al. **Arzneimittelforsch** 1984;34(8):918-20 (Eng. Abstr.) **(Ger)**

[Experiences with an oncophytotherapeutic agent (letter)] Stadler HW, et al. **Dtsch Med Wochenschr** 1985 Jul 26;110(30):1184-5 **(Ger)**

[Varicose vein drugs--new attempts at objectivation of the effects of therapy] Marshall M. **Fortschr Med** 1984 Aug 16;102(29-30):772-4 (Eng. Abstr.) **(Ger)**

[Sweet balm--still capable of surprises] Dorner WG. **Pharm Unserer Zeit** 1985 Jul;14(4):112-21 **(Ger)**

[New antihepatotoxic effects of flavonolignans of a white flowering variety of Silybum] Fiebig M, et al. **Planta Med** 1984 Aug;50(4):310-3 (Eng. Abstr.) **(Ger)**

[Results of a double-blind study on the effectiveness of ERU (extractum radicis Urticae) capsules in conservative treatment of benign prostatic hyperplasia] Vontobel HP, et al. **Urologe [Ausg A]** 1985 Jan;24(1):49-51 (Eng. Abstr.) **(Ger)**

[Comparative testing of Kamillosan cream and steroidal (0.25% hydrocortisone, 0.75% fluocortin butyl ester) and non-steroidal (5% bufexamac) dermatologic agents in maintenance therapy of eczematous diseases] Aertgeerts P, et al. **Z Hautkr** 1985 Feb 1;60(3):270-7 (Eng. Abstr.) **(Ger)**

[Comparative capillaroscopic study of certain bioflavonoids and total triterpenic fractions of Centella asiatica in venous insufficiency] Allegra C. **Clin Ter** 1984 Sep 30;110(6):555-9 (Eng. Abstr.) **(Ita)**

[Effect of Saiboku-to, a blended Chinese traditional medicine, on Type I hypersensitivity reactions, particularly on experimentally-caused asthma] Nishiyori T, et al. **Nippon Yakurigaku Zasshi** 1985 Jan;85(1):7-16 (Eng. Abstr.) **(Jpn)**

[Pharmacological studies on schizandra fruits. III. Effects of wuweizisu C, a lignan component of schizandra fruits, on experimental liver injuries in rats] Takeda S, et al. **Nippon Yakurigaku Zasshi** 1985 Mar;85(3):193-208 (Eng. Abstr.) **(Jpn)**

[Effect of magnolia vine lignans on cell division processes in the corneal and lingual epithelium of white rats subjected to long-term exposure to cold stress] Mel'nik EI, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):718-20 (Eng. Abstr.) **(Rus)**

[Stimulating effects of eleuterococcus and Chinese schizandra used for prevention of visual fatigue during work connected with color discrimination] Sosnova TL, et al. **Gig Sanit** 1984 Dec;(12):7-9 (Eng. Abstr.) **(Rus)**

[Prospects of using licorice root preparations in dermatology] Chebotarev VV. **Vestn Dermatol Venerol** 1985 Feb;(2):61-5 (Eng. Abstr.) **(Rus)**

[Effectiveness of treating enuresis with Eleutherococcus (People's Republic of Bulgaria)] Chenkov R. **Voen Med Zh** 1984 Oct;(10):60 **(Rus)**

[Biological effects of camomile] Lind PO, et al. **Lakartidningen** 1984 Dec 19;81(51):4846-9 **(Swe)**

TOXICITY

Antifertility efficacy of Catharanthus roseus Linn: a biochemical and histological study. Mathur R, et al. **Acta Eur Fertil** 1985 May-Jun;16(3):203-5

Studies on the mutagenicity of Swertiae Herba. I. Identification of the mutagenic components. Kanamori H, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2290-5

Contact dermatitis to Alstroemeria. Santucci B, et al. **Contact Dermatitis** 1985 Apr;12(4):215-9

Effect of Malvaviscus conzattii flower extract on male fertility. Pakrashi A, et al. **Contraception** 1985 Jan;31(1):101-8

Chromosomal and biochemical studies on the effect of kat extract on laboratory rats. de Hondt HA, et al. **Environ Mutagen** 1984;6(6):851-60

Sodium lauryl sulfate irritant patch tests. II. Variations of test responses among subjects and comparison to variations of allergic responses elicited by Toxicodendron extract. Dahl MV, et al. **J Am Acad Dermatol** 1984 Sep;11(3):474-7

The nephrotoxicity for mice of deisopropylngaione, a minor furanoid component of toxic myoporaceous essential oils. Lee JS, et al. **J Appl Toxicol** 1985 Feb;5(1):14-22

An ethnopharmacological examination of Virola elongata bark: a South American arrow poison. MacRae WD, et al. **J Ethnopharmacol** 1984 Oct;12(1):75-92

Pharmacological evaluation of aqueous root extract of Selayak Hitam: teratogenic and possible abortifacient effect. Razak DA, et al. **Med J Malaysia** 1984 Mar;39(1):48-51

The toxicology of plant molluscicides. Duncan J. **Pharmacol Ther** 1985;27(2):243-64 (163 ref.)

The mutagenicity of nitrite-treated aqueous extract of Piper betle L. Chen HC, et al. **Proc Natl Sci Counc Repub China [B]** 1984 Jan;8(1):4-10

[Chemoprophylaxis of schistosomiasis: molluscacidal activity of natural products--assays with adult snails and oviposition] de Souza CP, et al. **An Acad Bras Cienc** 1984 Sep;56(3):333-8 (Eng. Abstr.) **(Por)**

PLANT GROWTH REGULATORS

Phosphatidylinositol turnover in isolated soybean membranes stimulated by the synthetic growth hormone 2,4-dichlorophenoxyacetic acid. Morré DJ, et al. **J Biol Chem** 1984 Dec 25;259(24):15364-8

Quantitative structure-activity relationships in cytokinin agonistic and antagonistic pyrido[2,3-d]pyrimidine derivatives: insights into receptor topology. Iwamura H, et al. **J Med Chem** 1985 May;28(5):577-83

ANALYSIS

[Chromatographic determination of orthomenthane hydrocarbons in biological media] Pertsovskiĭ AL, et al. **Farmakol Toksikol** 1985 Jan-Feb;48(1):55-6 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Production of cytokinin-like substances by mycorrhizal fungi of pine (Pinus sylvestris L.) in cultures with and without metabolites of actinomycetes. Strzelczyk E, et al. **Acta Microbiol Pol** 1985;34(2):177-85

GENETICS

T-DNA of Agrobacterium tumefaciens encodes an enzyme of cytokinin biosynthesis. Akiyoshi DE, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):5994-8

IMMUNOLOGY

Purification of antibodies for the cytokinin N6-(delta 2-isopentenyl) adenosine by affinity chromatography. Senapathy P, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5833-42

ISOLATION & PURIFICATION

Resolution of RS-abscisic acid and the separation of abscisic acid metabolites from plant tissue by high-performance liquid chromatography. Vaughan GT, et al. **J Chromatogr** 1984 Dec 7;336(1):221-8

PHARMACODYNAMICS

Plant growth-promoting hormones activate mammalian guanylate cyclase activity. Vesely DL, et al. **Endocrinology** 1985 May;116(5):1887-92

Coordinate expression of ribosomal protein mRNAs following auxin treatment of soybean hypocotyls. Gantt JS, et al. **J Biol Chem** 1985 May 25;260(10):6175-81

Rapid induction of specific mRNAs by auxin in pea epicotyl tissue. Theologis A, et al. **J Mol Biol** 1985 May 5;183(1):53-68

Rapid induction of selective transcription by auxins. Hagen G, et al. **Mol Cell Biol** 1985 Jun;5(6):1197-203

[Effect of plant growth regulator on Coptis chinensis] Lu YW. **Chung Yao Tung Pao** 1984 May;9(3):103-4 **(Chi)**

[Auxin and anti-auxin activity of 3-oxo-1,2-benzoisothiazoline-2-alkanoic acids] Branca C, et al. **Boll Soc Ital Biol Sper** 1985 May 30;61(5):697-702 (Eng. Abstr.) **(Ita)**

[Plant hormones and microorganisms] Schrank IS, et al. **An Microbiol (Rio De J)** 1982;27:81-127 (Eng. Abstr.) **(Por)**

PHYSIOLOGY

Role of cytokinins in induction of nitrate reductase in leaves of cowpea seedlings. Prakash S, et al. **Indian J Biochem Biophys** 1984 Jun;21(3):198-200

TOXICITY

[Rodent genotoxic assays of NE-109--a special regulator for rootless bean sprouts] Feng JY. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1985 Jan;19(1):28-30 (Eng. Abstr.) **(Chi)**

PLANT HORMONES see **PLANT GROWTH REGULATORS**

PLANT LICE see **APHIDS**

PLANT POISONING

Cardiotoxicity in yellow oleander seed poisoning. Mallick BK. **J Indian Med Assoc** 1984 Aug;82(8):296-7

'To see a world in a grain of sand and a heaven in a wild flower'--oleander poisoning. Mack RB. **NC Med J** 1984

Nov;45(11):729-30

[A classical method of committing suicide: with Taxus baccata] Janssen J, et al. **Ned Tijdschr Geneeskd** 1985 Mar 30;129(13):603-5 (Eng. Abstr.) **(Dut)**

DIAGNOSIS

Evaluating exposures to plants. Kunkel DB, et al. **Clin Lab Med** 1984 Sep;4(3):603-14 (44 ref.)

Digoxin type toxicity from ingestion of Thevetia peruvila or the case of the betel nut that wasn't. Vince JD, et al. **Papua New Guinea Med J** 1984 Sep-Dec;27(3-4):167-9

ETIOLOGY

Oleander tea: herbal draught of death. Haynes BE, et al. **Ann Emerg Med** 1985 Apr;14(4):350-3

Jamaican vomiting sickness: a study of two adult cases. Golden KD, et al. **Clin Chim Acta** 1984 Oct 15;142(3):293-8

Common toxic plant ingestions. Geehr E. **Emerg Med Clin North Am** 1984 Aug;2(3):553-62

Evaluating exposures to plants. Kunkel DB, et al. **Emerg Med Clin North Am** 1984 Feb;2(1):133-44 (44 ref.)

Herbal tea induced hepatic veno-occlusive disease: quantification of toxic alkaloid exposure in adults. Kumana CR, et al. **Gut** 1985 Jan;26(1):101-4

Accidental poisoning by Canavalia virosa. Singh NK, et al. **J Assoc Physicians India** 1984 May;32(5):450-1

Discussion of 'Datura stramonium: a fatal poisoning' [letter] Michalodimitrakis M, et al. **J Forensic Sci** 1984 Oct; 29(4):961-2

Presence of cyclopiazonic acid in kodo millet (Paspalum scrobiculatum) causing 'kodua poisoning' in man and its production by associated fungi. Lalitha Rao B, et al. **Mycopathologia** 1985 Mar;89(3):177-80

'Tis the season to do folly: horrendous holiday horticultural happenings. Mack RB. **NC Med J** 1984 Dec;45(12):791-3

Eye injury from plant sap of Pedilanthus tithymaloides Poit. Lim TK, et al. **Singapore Med J** 1984 Dec;25(6):412-9

[Poisoning caused by Datura fastuosa (ketjubung)] Zuidema PJ. **Ned Tijdschr Geneeskd** 1985 Jul 20;129(29):1386-8 (Eng. Abstr.) **(Dut)**

[Castor bean poisoning] Zifroni A. **Harefuah** 1985 Jan 15; 108(2):102-3 **(Heb)**

HISTORY

Warning--rhododendrons may damage your health! Chambers AM. **Scott Med J** 1984 Apr;29(2):107-8

METABOLISM

Identification of oenanthotoxin and related compounds in hemlock water dropwort poisoning. King LA, et al. **Hum Toxicol** 1985 Jul;4(4):355-64

The effect of consumption of the pyrrolizidine alkaloid-containing plant Senecio jacobaea on iron and copper metabolism in the rat. Swick RA, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4-5):59-69

Review of the biochemical effects of Lantana camara toxicity. Sharma OP. **Vet Hum Toxicol** 1984 Dec; 26(6):488-93 (39 ref.)

MORTALITY

Seizures and death on a white river float trip. Report of water hemlock poisoning. Landers D, et al. **West J Med** 1985 May;142(5):637-40

OCCURRENCE

Plants that poison in Uruguay. Pronczuk de Garbino J, et al. **J Toxicol Clin Toxicol** 1984 Jul;22(1):95-102

Cassava pancreatitis in western Europe [letter] Assan R, et al. **Lancet** 1984 Dec 1;2(8414):1278

Plant ingestions in children. Tilton BR, et al. **Pa Med** 1985 May;88(5):45-9

[Toxic plant poisoning among children] Abdukaeva NS. **Pediatriia** 1984 Aug;(8):54-5 **(Rus)**

PHYSIOPATHOLOGY

Accidental poisoning with deadly nightshade berries: a case report. Trabattoni G, et al. **Hum Toxicol** 1984 Dec; 3(6):513-6

THERAPY

New aspects in the treatment of water hemlock poisoning. Knutsen OH, et al. **J Toxicol Clin Toxicol** 1984;22(2):157-66

Pediatric exposure to the houseplant Synadenium grantii. Spoerke DG, et al. **Vet Hum Toxicol** 1985 Aug;27(4):283-4

Anticholinergic agents in cicutoxin poisoning [letter] North DS, et al. **West J Med** 1985 Aug;143(2):250

VETERINARY

Toxicity of Riddell's groundsel (Senecio riddellii) to cattle. Johnson AE, et al. **Am J Vet Res** 1985 Mar;46(3):577-82

Induction of cleft palate in newborn pigs by maternal ingestion of poison hemlock (Conium maculatum). Panter KE, et al. **Am J Vet Res** 1985 Jun;46(6):1368-71

Amaranthus retroflexus (redroot pigweed): inability to cause renal toxicosis in rabbits. Schamber GJ, et al. **Am J Vet Res** 1985 Jan;46(1):266-7

Effect of repeated locoweed feeding on peripheral lymphocytic function and plasma proteins in sheep. Sharma RP, et al. **Am J Vet Res** 1984 Oct;45(10):2090-3

Effects of feeding lupin seed naturally infected with Phomopsis leptostromiformis to sheep and pigs. Allen JG, et al. **Aust Vet J** 1984 Jun;61(6):178-80

Staggers in sheep associated with the ingestion of Tribulus terrestris. Bourke CA. **Aust Vet J** 1984 Nov;61(11):360-3

Lung lesions in horses fed mist flower (Eupatorium riparium). Gibson JA, et al. **Aust Vet J** 1984 Aug;61(8):271

Geeldikkop in goats. Glastonbury JR, et al. **Aust Vet J** 1985 Feb;62(2):62-3

A syndrome of hepatogenous photosensitisation, resembling geeldikkop, in sheep grazing Tribulus terrestris. Glastonbury JR, et al. **Aust Vet J** 1984 Oct;61(10):314-6

Suspected poisoning of horses by Trema aspera (poison peach). Hill BD, et al. **Aust Vet J** 1985 Mar;62(3):107-8

Cestrum parqui (green cestrum) poisoning in cattle. McLennan MW, et al. **Aust Vet J** 1984 Sep;61(9):289-91

Attempted induction of premature birth in sheep fed Cupressus macrocarpa. Mason RW. **Aust Vet J** 1984 Jun; 61(6):192-3

Feeding rubberbush (Calotropis procera) to cattle and sheep. Radunz BL, et al. **Aust Vet J** 1984 Jul;61(7):243-4

Observations of the effects of Rapistrum rugosum on thyroid function. Stocks DC, et al. **Aust Vet J** 1984 Aug;61(8):264-5

Narthecium asiaticum Maxim. Poisoning of grazing cattle: observations on spontaneous and experimental cases. Suzuki K, et al. **Cornell Vet** 1985 Apr;75(2):348-65

Cacao bean shell poisoning in a dog. Drolet R, et al. **J Am Vet Med Assoc** 1984 Oct 15;185(8):902

Cynoglossum officinale (hound's-tongue)—a cause of pyrrolizidine alkaloid poisoning in horses. Knight AP, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):647-50

Suspected tremetol poisoning in horses. Olson CT, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):1001-3

Administration of activated charcoal for the treatment of lantana poisoning of sheep and cattle. Pass MA, et al. **J Appl Toxicol** 1984 Oct;4(5):267-9

Mortality of a white rhinoceros (Ceratotherium simum) suspected to be associated with the blue-green alga Microcystis aeruginosa. Soll MD, et al. **J S Afr Vet Assoc** 1985 Mar;56(1):49-51

An outbreak of Cotyledon orbiculata L. poisoning in a flock of Angora goat rams. Tustin RC, et al. **J S Afr Vet Assoc** 1984 Dec;55(4):181-4

Valsiekte (falling disease): a nervous disorder in lambs suspected of being caused by the plant Chrysocoma tenuifolia. Van der Vyver FH, et al. **J S Afr Vet Assoc** 1985 Jun;56(2):65-8

Isolation and characterization of and some observations on poisoning by bufadienolides from Cotyledon orbiculata L. var. orbiculata. Anderson LA, et al. **Onderstepoort J Vet Res** 1985 Mar;52(1):21-4

Further physiopathological features of experimental Homeria glauca (Wood & Evans) N.E.Br. poisoning in Merino sheep. Button C, et al. **Onderstepoort J Vet Res** 1984 Jun; 51(2):95-6

Resistance of sheep to poisoning by The plant, Marticaria nigellifolia DC. Newsholme SJ, et al. **Onderstepoort J Vet Res** 1984 Dec;51(4):277-8

Pathology of a nervous disorder (pushing disease or 'stootsiekte') in cattle caused by the plant Matricaria nigellifolia DC. (Asteraceae). Newsholme SJ, et al. **Onderstepoort J Vet Res** 1984 Jun;51(2):119-27

Unusual compound of small molecular weight in the serum of horses with acute grass sickness. Johnson P **Res Vet Sci** 1985 May;38(3):329-33

Effects of Crotalaria saltiana on Nubian goats. Barri ME, et al. **Vet Hum Toxicol** 1984 Dec;26(6):476-80

Toxicity of avocado (Persea americana (Guatamalan var)) leaves: review and preliminary report. Craigmill AL, et al. **Vet Hum Toxicol** 1984 Oct;26(5):381-3

The effect of Citrullus colocynthis on sheep. Elawad AA, et al. **Vet Hum Toxicol** 1984 Dec;26(6):481-5

Postmortem guide to common poisonous plants of livestock. Scimeca JM, et al. **Vet Hum Toxicol** 1985 Jun;27(3):189-99 (33 ref.)

Swainsonine toxicosis mimics lectin histochemistry of mannosidosis. Alroy J, et al. **Vet Pathol** 1985 Jul; 22(4):311-6

Retinal atrophy in albino rats associated with Pituranthos triradiatus (umbelliferae)-induced photosensitization. Nyska A, et al. **Vet Pathol** 1984 Sep;21(5):551-2

Acorn and ergot poisoning in cattle suspected. **Vet Rec** 1985 Feb 9;116(6):146

Suspected poisoning of a goat by giant hogweed. Andrews AH, et al. **Vet Rec** 1985 Feb 23;116(8):205-7

Allium species poisoning [letter] Fenwick GR, et al. **Vet Rec** 1985 Jan 5;116(1):28

Hemlock (Conium maculatum) poisoning in the pig. Hannam DA. **Vet Rec** 1985 Mar 23;116(12):322

Giant hogweed and ducklings [letter] Harwood DG. **Vet Rec** 1985 Mar 16;116(11):300

Rhododendron poisoning in sheep. Higgins RJ, et al. **Vet Rec** 1985 Mar 16;116(11):294-5

Reproduction of acute bracken poisoning in a calf with ptaquiloside, a bracken constituent. Hirono I, et al. **Vet Rec** 1984 Oct 13;115(15):375-8

Acorn poisoning in ruminants. Holliman A. **Vet Rec** 1985 May 18;116(20):546

Hemlock poisoning in piglets [letter] Markham K. **Vet Rec** 1985 Jan 5;116(1):27

Bracken toxicity and soil mycotoxins. Schoental R. **Vet Rec** 1984 Nov 10;115(19):500

Rhododendron poisoning in sheep [letter] Shannon D. **Vet Rec** 1985 Apr 20;116(16):451

Suspected wild garlic poisoning in sheep [letter] Stevens H. **Vet Rec** 1984 Oct 6;115(14):363

Acorn poisoning [letter] Warren CG, et al. **Vet Rec** 1985 Jan 19;116(3):82

Intoxication in cattle, chicks and hamsters from seed of the palo santo tree (Bulnesia sarmientii). Williams MC, et al. **Vet Rec** 1984 Dec 22-29;115(25-26):646-8

Acorn poisoning [letter] Wiseman A, et al. **Vet Rec** 1984 Dec 8;115(23):605

[Onion poisoning] Pekelder JJ, et al. **Tijdschr Diergeneeskd** 1985 Jan 1;110(1):31 **(Dut)**

[Not on thin ice...] van der Kamp JS. **Tijdschr Diergeneeskd** 1985 Jun 1;110(11):454 **(Dut)**

PLANT PROTEINS

Determination of copper in biological materials by atomic absorption spectroscopy: a reevaluation of the extinction coefficients for azurin and stellacyanin. Freedman JH, et al. **Anal Biochem** 1984 Sep;141(2):301-10

Conformational changes in plastocyanin. Draheim JE, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):110-7

The primary structure of spinach acyl carrier protein. Kuo TM, et al. **Arch Biochem Biophys** 1984 Oct;234(1):290-6

Resonance Raman spectra of phycocyanin, allophycocyanin and phycobilisomes from blue-green alga Anacystis nidulans. Szalontai B, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):358-63

Purification, properties and amino acid sequence of a low-Mr abundant seed protein from pea (Pisum sativum L.). Gatehouse JA, et al. **Biochem J** 1985 Jan 1;225(1):239-47

A conformational study of a glutamine- and proline-rich cereal seed protein, C hordein. Tatham AS, et al. **Biochem J** 1985 Mar 1;226(2):557-62

Characterization of the aromatic proton magnetic resonance spectrum of crambin. Lecomte JT, et al. **Biochemistry** 1984 Sep 25;23(20):4799-807

Characteristics of tyrosinate fluorescence emission in alpha- and beta-purothionins. Prendergast FG, et al. **Biochemistry** 1984 Dec 18;23(26):6690-7

Raman spectroscopy of homologous plant toxins: crambin and alpha 1- and beta-purothionin secondary structures, disulfide conformation, and tyrosine environment. Williams RW, et al. **Biochemistry** 1984 Dec 18;23(26):6796-802

Plastocyanin conformation. The effect of nitrotyrosine modification and pH. Gross EL, et al. **Biochim Biophys Acta** 1985 Aug 7;808(3):437-47

Assignment of the disulphide bonds in the sweet-tasting protein thaumatin I. van der Wel H, et al. **Eur J Biochem** 1984 Oct 1;144(1):41-5

Crystallization of the light-harvesting chlorophyll a/b complex within thylakoid membranes. Lyon MK, et al. **J Cell Biol** 1985 Apr;100(4):1139-47

Molecular evolution of the seed storage proteins of barley, rye and wheat. Kreis M, et al. **J Mol Biol** 1985 Jun 5; 183(3):499-502

Protein normal-mode dynamics: trypsin inhibitor, crambin, ribonuclease and lysozyme. Levitt M, et al. **J Mol Biol** 1985 Feb 5;181(3):423-47

Ragweed allergen Ra3: relationship to some type 1 copper-binding proteins. Hunt LT, et al. **J Mol Evol** 1984-85;21(2):126-32

Evolution of the multidomain protein wheat germ agglutinin. Wright HT, et al. **J Mol Evol** 1984-85;21(2):133-8

Effect of protein packing structure on side-chain methyl rotor conformations. Kossiakoff AA, et al. **Nature** 1984 Oct 11-17;311(5986):582-3

Self-selection of dietary casein and soy-protein by the cat. Cook NE, et al. **Physiol Behav** 1985 Apr;34(4):583-94

Three-dimensional structure of thaumatin I, an intensely sweet protein. de Vos AM, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1406-9

Simultaneous comparison of three protein sequences. Murata M, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3073-7

[Photochemistry of phycobilisomes: photosensitized reduction of methylviologen] Bekasova OD, et al. **Mol Biol (Mosk)** 1984 Jul-Aug;18(4):1121-7 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Investigations about influence of the content of plant crude protein in the ration on the utilization of urea in dairy cattle. 6. Digestive enzymes and their interactions in contents of proximal small intestine. Baintner K, et al. **Arch Tierernahr** 1984 Jul;34(7):496-504

Investigations of the influence of the content of plant crude protein in the ration on the utilisation of urea in dairy cattle. 5. 15N-fractions in the blood of lactating cows given 15N-urea intraruminantly. Motyl T, et al. **Arch Tierernahr** 1984 Jul;34(7):489-95

Suppression of human melanoma growth in nude mice injected with anti high-molecular-weight melanoma-associated antigen monoclonal antibody 225.28S conjugated to purothionin. Matsui M, et al. **Gann** 1985 Feb; 76(2):119-23

Beneficial effect of vegetable protein diet supplemented with psyllium plantago in patients with hepatic encephalopathy and diabetes mellitus. Uribe M, et al. **Gastroenterology** 1985 Apr;88(4):901-7

[Effect of the content of crude plant protein in feed on the utilization of urea in dairy cattle. 4. Passage of amino acids through the duodenum] Aitowa MD, et al. **Arch Tierernahr** 1984 Jul;34(7):481-8 (Eng. Abstr.) **(Ger)**

[Rate of incorporation of lysine supplementing low-quality dietary protein into muscle proteins in rats] Raczyński G. **Rocz Panstw Zakl Hig** 1984;35(2):153-60 (Eng. Abstr.) **(Pol)**

[Possibilities of using proteins from unicellular algae in biological life support systems] Antonian AA, et al. **Kosm Biol Aviakosm Med** 1985 Jan-Feb;19(1):65-9 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Nephrocalcinosis and diets containing alkali- and non-alkali-treated soy protein. Zalups RK. **Exp Mol Pathol** 1984 Oct;41(2):218-26

Suppressor-cell activity in coeliac disease induced by alpha-gliadin, a dietary antigen. O'Farrelly C, et al. **Lancet** 1984 Dec 8;2(8415):1305-7

[Experimental study of various aspects of immunogenic and allergic properties of soy bean proteins] Davletbaeva SS. **Vopr Pitan** 1984 Jul-Aug;(4):49-51 (Eng. Abstr.) **(Rus)**

ANALYSIS

Minimizing the saponin content of alfalfa sprouts and leaf protein concentrates. Livingston AL, et al. **Adv Exp Med Biol** 1984;177:253-68

Wheat proteins in relation to protein requirements and availability of amino acids. Young VR, et al. **Am J Clin Nutr** 1985 May;41(5 Suppl):1077-90

Measurement of total protein in plant samples in the presence of tannins. Marks DL, et al. **Anal Biochem** 1985 May 15;147(1):136-43

The origin of the long-wavelength fluorescence emission band (77 degrees K) from photosystem I. Kuang TY, et al. **Arch Biochem Biophys** 1984 Dec;235(2):618-27

Variable fluorescence of photosystem I particles and its application to the study of the structure and function of photosystem I. Tripathy BC, et al. **Arch Biochem Biophys** 1984 Dec;235(2):449-60

Radioisotopic evidence for the polypeptides associated with photosystem II. Daniell H, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):988-95

Characterization of a Saponaria officinalis seed ribosome-inactivating protein: immunoreactivity and sequence homologies. Lappi DA, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):934-42

Computerized comparison of two autoradiographs. Hruschka WR. **Clin Chem** 1984 Dec;30(12 Pt 1):2037-9

A radioimmunoassay for wheat gliadin to assess the suitability of gluten free foods for patients with coeliac disease. Ciclitira PJ, et al. **Clin Exp Immunol** 1985 Mar;59(3):703-8

Differences in chlorophyll-protein complexes and composition of polypeptides between thylakoids from bundle sheaths and mesophyll cells in maize. Bassi R, et al. **Eur J Biochem** 1985 Feb 1;146(3):589-95

Glycinin A5A4B3 mRNA: cDNA cloning and nucleotide sequencing of a splitting storage protein subunit of soybean. Momma T, et al. **Eur J Biochem** 1985 Jun 18;149(3):491-6

Gliadin antibodies for diagnosis of celiac disease. Khoshoo V, et al. **Indian J Pediatr** 1984 Nov-Dec;51(413):669-70

Separation of gliadin at pH 3.1 in a polyacrylamide gel suitable for blotting procedures. Friis SU, et al. **J Biochem Biophys Methods** 1985 Mar;10(5-6):301-6

Wound-induced proteinase inhibitors from tomato leaves. II. The cDNA-deduced primary structure of pre-inhibitor II. Graham JS, et al. **J Biol Chem** 1985 Jun 10;260(11):6561-4

Wound-induced proteinase inhibitors from tomato leaves I. The cDNA-deduced primary structure of pre-inhibitor I and its post-translational processing. Graham JS, et al. **J Biol Chem** 1985 Jun 10;260(11):6555-60

Topology and neighbor analysis of the photosynthetic reaction center from Rhodopseudomonas sphaeroides. Hoger JH, et al. **J Biol Chem** 1985 Jun 10;260(11):6932-7

Auxin-binding protein from coleoptile membranes of corn (Zea mays L.). II. Localization of a putative auxin receptor. Löbler M, et al. **J Biol Chem** 1985 Aug 15;260(17):9854-9

Isolation and characterization of thioredoxin f from the filamentous cyanobacterium, Anabaena sp. 7119. Whittaker MM, et al. **J Biol Chem** 1984 Nov 25;259(22):14088-93

Some functional properties of oilseed proteins. Khalil M, et al. **Nahrung** 1985;29(3):275-82

Conformational changes of the sweet protein monellin as measured by fluorescence emission. Brand JG, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):76-82

[A new peptide alkaloid from Discaria febrifuga Mart] Herzog R, et al. **Hoppe Seylers Z Physiol Chem** 1984 Nov;365(11):1351-4 (Eng. Abstr.) **(Ger)**

[In vitro digestibility of original and modified protein isolate from faba beans] Krause W, et al. **Nahrung** 1984;28(8):889-94 (Eng. Abstr.) **(Ger)**

[Incorporation of methionine into a peptic partial hydrolyzate from faba bean protein isolate by plastein reaction with thermitase] Winkler H, et al. **Nahrung** 1984;28(10):1029-35 (Eng. Abstr.) **(Ger)**

[Analysis of whole gliadin from untreated and heat-treated flour with phase inversion high pressure liquid chromatography] Meier P, et al. **Z Lebensm Unters Forsch** 1985 Jun;180(6):467-73 (Eng. Abstr.) **(Ger)**

[Obtaining flour and protein concentrate from seeds of Melilotus albus. Study of the protein quality] de Mucciarelli SI, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):94-108 (Eng. Abstr.) **(Spa)**

ANTAGONISTS & INHIBITORS

Naloxone antagonises effect of alpha-gliadin on leucocyte migration in patients with coeliac disease. Horváth K, et al. **Lancet** 1985 Jul 27;2(8448):184-5

BIOSYNTHESIS

Identification and synthesis in vitro of plant-specific proteins in yellow lupin root nodules. Stróżycki P, et al. **Acta Biochim Pol** 1985;32(1):27-34

Thylakoid membranes: the translational site of chloroplast DNA-regulated thylakoid polypeptides. Minami E, et al. **Arch Biochem Biophys** 1984 Dec;235(2):562-70

In vitro chloroplast protein synthesis by the chromophytic alga Olisthodiscus luteus. Reith ME, et al. **Biochemistry** 1985 May 7;24(10):2550-6

In vivo chloroplast protein synthesis by the chromophytic alga Olisthodiscus luteus. Reith ME, et al. **Biochemistry** 1985 May 7;24(10):2556-61

The transition point for protein synthesis in late S-G2 may be delayed by genome bromosubstitution without affecting the time of entry into mitosis. González-Fernández A, et al. **Cell Biol Int Rep** 1985 Mar;9(3):237-43

Differential effects of high-lysine mutations on the accumulation of individual members of a group of proteins encoded by a disperse multigene family in the endosperm of barley (Hordeum vulgare L.). Lázaro A, et al. **Eur J Biochem** 1985 Jun 18;149(3):617-23

Carotenoid-deficient maize seedlings fail to accumulate light-harvesting chlorophyll a/b binding protein (LHCP) mRNA. Mayfield SP, et al. **Eur J Biochem** 1984 Oct 1;144(1):79-84

GENETICS

Two-dimensional gel electrophoresis of proteins for genetic studies in Douglas fir (Pseudotsuga menziesii). Bahrman N, et al. **Biochem Genet** 1985 Apr;23(3-4):247-55

The relationship between alpha-amylase species found in developing and germinating wheat grain. Gale MD, et al. **Biochem Genet** 1984 Dec;22(11-12):1031-6

Influence of B and Pl on UDPG:Flavonoid-3-O-glucosyltransferase in Zea mays L. Gerats AG, et al. **Biochem Genet** 1984 Dec;22(11-12):1161-9

Polymorphism at the Hor 1 locus of barley (Hordeum vulgare L.). Shewry PR, et al. **Biochem Genet** 1985 Jun;23(5-6):391-404

Hordein-gene expression during development of the barley (Hordeum vulgare) endosperm. Rahman S, et al. **Biochem J** 1984 Oct 15;223(2):315-22

Tissue-specific and light-regulated expression of a pea nuclear gene encoding the small subunit of ribulose-1,5-bisphosphate carboxylase. Coruzzi G, et al. **EMBO J** 1984 Aug;3(8):1671-9

Developmental regulation of gene expression in wheat embryos. Molecular cloning of a DNA sequence encoding the early-methionine-labelled (Em) polypeptide. Cuming AC. **Eur J Biochem** 1984 Dec 3;145(2):351-7

Synthesis of a wheat storage protein subunit in Escherichia coli using novel expression vectors. Bartels D, et al. **Gene** 1985;35(1-2):159-67

Cloning of the natural gene for the sweet-tasting plant protein thaumatin. Ledeboer AM, et al. **Gene** 1984 Oct;30(1-3):23-32

Molecular cloning and nucleotide sequence of a variant wheat histone H4 gene. Tabata T, et al. **Gene** 1984 Nov;31(1-3):285-9

Two partially homologous adjacent light-inducible maize chloroplast genes encoding polypeptides of the P700 chlorophyll a-protein complex of photosystem I. Fish LE, et al. **J Biol Chem** 1985 Feb 10;260(3):1413-21

Regulation of light-harvesting chlorophyll-binding protein mRNA accumulation in Chlamydomonas reinhardi. Possible involvement of chlorophyll synthesis precursors. Johanningmeier U, et al. **J Biol Chem** 1984 Nov 10;259(21):13541-9

Evolution and heterogeneity of the alpha-/beta-type and gamma-type gliadin DNA sequences. Okita TW, et al. **J Biol Chem** 1985 Jul 5;260(13):8203-13

Ricin-like plant toxins are evolutionarily related to single-chain ribosome-inhibiting proteins from Phytolacca. Ready M, et al. **J Biol Chem** 1984 Dec 25;259(24):15252-6

Structure and developmental regulation of a wheat gene encoding the major chlorophyll a/b-binding polypeptide. Lamppa GK, et al. **Mol Cell Biol** 1985 Jun;5(6):1370-8

Nucleic acid sequence and chromosome assignment of a wheat storage protein gene. Anderson OD, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8129-44

Measurement of gene number for seed storage proteins in Pisum. Domoney C, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):687-99

The petunia chlorophyll a/b binding protein genes: a comparison of Cab genes from different gene families. Dunsmuir P. **Nucleic Acids Res** 1985 Apr 11;13(7):2503-18

Structure of the spinach chloroplast genes for the D2 and 44 kd reaction-centre proteins of photosystem II and for tRNASer (UGA). Holschuh K, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):8819-34

Primary structure of the soybean nodulin-23 gene and potential regulatory elements in the 5'-flanking regions of nodulin and leghemoglobin genes. Mauro VP, et al. **Nucleic Acids Res** 1985 Jan 11;13(1):239-49

Isolation and sequence analysis of cDNAs for the major potato tuber protein, patatin. Mignery GA, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):7987-8000

Conservation and variability of wheat alpha/beta-gliadin genes. Sumner-Smith M, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):3905-916

Nucleotide sequence of Marchantia polymorpha chloroplast DNA: a region possibly encoding three tRNAs and three proteins including a homologue of E. coli ribosomal protein S14. Umesono K, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9551-65

IMMUNOLOGY

Serum gliadin antibodies for detection and control of childhood coeliac disease. Stenhammar L, et al. **Acta Paediatr Scand** 1984 Sep;73(5):657-63

Characterization of monoclonal antibodies to oat phytochrome by competitive radioimmunoassays and comparative immunoblots of phytochrome peptides. Silberman LG, et al. **Arch Biochem Biophys** 1985 Jan;236(1):150-8

Serum IgG antibodies to gliadin and other dietary antigens in adults with atopic eczema. Finn R, et al. **Clin Exp Dermatol** 1985 May;10(3):222-8

Antibodies to gliadin in adult coeliac disease and dermatitis herpetiformis. Volta U, et al. **Digestion** 1984;30(4):263-70

The fluorescent immunosorbent test for IgG gliadin antibodies and the leucocyte migration inhibition test in coeliac disease; comparison of diagnostic value. Bertele RM, et al. **Eur J Pediatr** 1985 May;144(1):58-62

Specificity of antigliadin antibody in celiac disease. Levenson SD, et al. **Gastroenterology** 1985 Jul;89(1):1-5

Antibodies to gliadin detected by immunofluorescence and a micro-ELISA method: markers of active childhood and adult coeliac disease. Volta U, et al. **Gut** 1985 Jul;26(7):667-71

Effects of multiple oral dosing on IgE synthesis in mice: oral sensitization by albumin extracts from seeds of Jack fruit (Artocarpus integrifolia) containing lectins. Restum-Miguel N, et al. **Immunology** 1985 Mar;54(3):497-504

A comparison of the binding of IgE in the sera of patients with bakers' asthma to soluble and insoluble wheat-grain proteins. Walsh BJ, et al. **J Allergy Clin Immunol** 1985 Jul;76(1):23-8

Appearance of specific antigenic proteins in the maturing sexual organs of Sinapis flowers. Jacqmard A, et al. **J Cell Sci** 1984 Jun;68:195-209

IgA antigliadin antibodies in celiac and inflammatory bowel disease. Koninckx CR, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):676-82

Are antigliadin antibodies specific for celiac disease? [letter] Kumar V, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):815

Can antigliadin antibody detect symptomless coeliac disease in children with short stature? Cacciari E, et al. **Lancet** 1985 Jun 29;1(8444):1469-71

Alpha-gliadin antibodies in childhood coeliac disease [letter] Kelly J, et al. **Lancet** 1985 Sep 7;2(8454):558-9

Antigliadin antibodies in dermatitis herpetiformis. McMillan SA, et al. **Ulster Med J** 1983;52(2):113-7

[Rat model of passive lung anaphylaxis induced by trichosanthin] Wu RS, et al. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar;6(1):68-71 (Eng. Abstr.) **(Chi)**

ISOLATION & PURIFICATION

Chromatographic separation of extruded iron-sulfur cores from the apoproteins of Clostridium pasteurianum and spinach ferredoxins in aqueous Triton X-100/urea. Bonomi F, et al. **Anal Biochem** 1984 Oct;142(1):226-31

Method for extraction of proteins from green plant tissues for two-dimensional polyacrylamide gel electrophoresis. Cremer F, et al. **Anal Biochem** 1985 May 15;147(1):22-6

Thiourea: the antioxidant of choice for the purification of proteins from phenol-rich plant tissues. Van Driessche E, et al. **Anal Biochem** 1984 Aug 15;141(1):184-8

Characterization of a spinach photosystem II core preparation isolated by a simplified method. Bricker TM, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):170-6

Regulation of C4 photosynthesis: purification and properties of the protein catalyzing ADP-mediated inactivation and Pi-mediated activation of pyruvate,Pi dikinase. Burnell JN, et al. **Arch Biochem Biophys** 1985 Mar;237(2):490-503

A photosystem II-phycobilisome preparation from the red alga, Porphyridium cruentum: oxygen evolution, ultrastructure, and polypeptide resolution. Clement-Metral JD, et al. **Arch Biochem Biophys** 1985 Apr;238(1):10-7

Purification and characterization of two leaf polypeptide inhibitors of leaf protease from alfalfa (Medicago sativa). Gonnelli M, et al. **Arch Biochem Biophys** 1985 Apr;238(1):206-12

A toxic thionin from Pyrularia pubera: purification, properties, and amino acid sequence. Vernon LP, et al. **Arch Biochem Biophys** 1985 Apr;238(1):18-29

The squash family of serine proteinase inhibitors. Amino acid sequences and association equilibrium constants of inhibitors from squash. summer squash, zucchini, and cucumber seeds. Wieczorek M, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):646–52

Characterization of translational inhibitors from Phytolacca americana. Amino-terminal sequence determination and antibody-inhibitor conjugates. Bjorn MJ, et al. **Biochim Biophys Acta** 1984 Oct 23;790(2):154–63

Dodecandrin, a new ribosome-inhibiting protein from Phytolacca dodecandra. Ready MP, et al. **Biochim Biophys Acta** 1984 Dec 21;791(3):314–9

Selective extraction of Chara actin bundles: identification of actin and two coextracting proteins. Williamson RE, et al. **Cell Biol Int Rep** 1985 Jun;9(6):547–54

Purification and characterization of tomato polygalacturonase converter. Pressey R. **Eur J Biochem** 1984 Oct 15;144(2):217–21

Characterization of transcriptionally active DNA-protein complexes from chloroplasts and etioplasts of mustard (Sinapis alba L.). Reiss T, et al. **Eur J Biochem** 1985 Apr 15;148(2):207–12

Subunit compositions of trypsin inhibitors from tubers of taro, Colocasia antiquorum var. nymphaifolia? Ogata F, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):589–97

Auxin-binding protein from coleoptile membranes of corn (Zea mays L.). I. Purification by immunological methods and characterization. Löbler M, et al. **J Biol Chem** 1985 Aug 15;260(17):9848–53

METABOLISM

Nutritional consequences of the reactions between proteins and oxidized polyphenolic acids. Hurrell RF, et al. **Adv Exp Med Biol** 1984;177:423–35

Methyl purple, an exceptionally sensitive monitor of chloroplast photosystem I turnover: physical properties and synthesis. Graan T, et al. **Anal Biochem** 1985 Jan; 144(1):193–8

Light harvesting by phycobilisomes. Glazer AN. **Annu Rev Biophys Biophys Chem** 1985;14:47–77 (132 ref.)

Identification of a 19-kDa polypeptide as an Fe-S center apoprotein in the photosystem I primary electron acceptor complex. Bonnerjea J, et al. **Arch Biochem Biophys** 1985 Jul;240(1):15–20

Light inhibition of respiration is due to a dual function of the cytochrome b6-f complex and the plastocyanin/cytochrome c-553 pool in Aphanocapsa. Sandmann G, et al. **Arch Biochem Biophys** 1984 Oct; 234(1):105–11

Oxygenic photoreduction of methyl viologen and nicotinamide adenine dinucleotide phosphate without the involvement of photosystem I during plastid development. Daniell H, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1114–21

Phytochrome and calcium stimulation of protein phosphorylation in isolated pea nuclei. Datta N, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1403–8

A non-fluorescent complex of chlorophyll a with plastocyanin. Davis RC, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):610–4

The high affinity binding site for calcium on the oxidizing side of photosystem II. Lee JY, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):464–9

Ribonuclease activity associated with the 60S ribosome-inactivating proteins ricin A, phytolaccin and Shiga toxin. Obrig TG, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):879–84

Interaction of Triton X-100 with the pigment-protein complexes of photosynthetic membranes. Murphy DJ, et al. **Biochem J** 1985 Jul 1;229(1):31–7

Protein phosphorylation and optimal production of ATP in photosynthesis. Allen JF. **Biochem Soc Trans** 1984 Oct; 12(5):774–5

Active and resting states of the O2-evolving complex of photosystem II. Beck WF, et al. **Biochemistry** 1985 Jun 4;24(12):3035–43

NMR and kinetic characterization of the interaction between French bean plastocyanin and horse cytochrome c. King GC, et al. **Biochim Biophys Acta** 1985 Feb 22;806(2):262–71

Immunological and biological stability of immunotoxins in vivo as studied by the clearance of disulfide-linked pokeweed antiviral protein-antibody conjugates from blood. Ramakrishnan S, et al. **Cancer Res** 1985 May; 45(5):2031–6

Human jejunal transglutaminase: demonstration of activity, enzyme kinetics and substrate specificity with special relation to gliadin and coeliac disease. Bruce SE, et al. **Clin Sci** 1985 May;68(5):573–9

Modification of plant proteins by immobilized proteases. Lee JW, et al. **CRC Crit Rev Food Sci Nutr** 1984;21(4):289–322 (312 ref.)

Isolation of proteins assembled in lipid body membranes during fat mobilization in cucumber cotyledons. Sturm A, et al. **Eur J Biochem** 1985 Aug 1;150(3):461–8

A metalloproteinase associated with gelonin, a 'ribosome inactivating protein'. Montanaro L, et al, **Ital J Biochem** 1985 Jan–Feb;34(1):1–10

Binding and cytotoxicity of Ricinus communis lectins to HeLa cells, Sarcoma 180 ascites tumor cells and erythrocytes. Oda T, et al. **J Biochem (Tokyo)** 1984 Aug; 96(2):377–84

Electron transfer reactions of chemically modified plastocyanin with P700 and cytochrome f. Importance of local charges. Takabe T, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):385–93

Importance of local positive charges on cytochrome f for electron transfer to plastocyanin and potassium ferricyanide. Takenaka K, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1813–21

Antimycin-resistant alternate electron pathway to plastocyanin in bovine-heart complex III. Tripathy BC, et al. **J Bioenerg Biomembr** 1985 Jun;17(3):141–50

Precursors to two nuclear-encoded chloroplast proteins bind to the outer envelope membrane before being imported into chloroplasts. Cline K, et al. **J Biol Chem** 1985 Mar 25;260(6):3691–6

Characterization of a cyanobacterial photosystem I complex. Lundell DJ, et al. **J Biol Chem** 1985 Jan 10;260(1):646–54

Utilization of soy protein isolate mixed with rice protein in Japanese women. Kaneko K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Feb;31(1):99–106

Palatability and digestibility of soya- and milk proteins in Callithricidae. Flurer C, et al. **Lab Anim** 1985 Jul; 19(3):245–50

[Kinetics and spectra of photo-induced changes in the absorption of pigment-protein complexes of photosystem 1 in a picosecond range] Borisov AIu, et al. **Mol Biol (Mosk)** 1985 May–Jun;19(3):636–42 (Eng. Abstr.) **(Rus)**

[Interaction of the photosystem 1 reaction center with antenna chlorophyll in a pigment-protein complex isolated from pea chloroplasts] Shubin VV, et al. **Mol Biol (Mosk)** 1985 May–Jun;19(3):841–50 (Eng. Abstr.) **(Rus)**

[Study of the nutritive value of grain proteins using Tribolium confusum larvae] Balaian VM, et al. **Vopr Pitan** 1985 Mar–Apr;(2):46–9 (Eng. Abstr.) **(Rus)**

[Proteolysis of the barley protein, hordein] Levitskiĭ AP, et al. **Vopr Pitan** 1984 Nov–Dec;(6):61–4 (Eng. Abstr.) **(Rus)**

[Protein digestibility and energy in diets based on rice and beans in human adults] Vargas E, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):109–29 (Eng. Abstr.) **(Spa)**

PHARMACODYNAMICS

Trypsin inhibitors in summer squash (Cucurbita pepo) seeds. Isolation, purification and partial characterization of three inhibitors. Otlewski J, et al. **Acta Biochim Pol** 1984; 31(3):267–78

Nutritional studies on anti-alpha-amylase: II) Lipid metabolism investigation: fatty acid composition of organs and tissues. Maranesi M, et al. **Acta Vitaminol Enzymol** 1984;6(4):347–53

Nutritional studies on anti alpha-amylase: I) Influence on the growth rate, blood picture and biochemistry and histological parameters in rats. Maranesi M, et al. **Acta Vitaminol Enzymol** 1984;6(4):259–69

Soy protein products and heme iron absorption in humans. Lynch SR, et al. **Am J Clin Nutr** 1985 Jan;41(1):13–20

A comparison of the effect of diets containing beef protein and plant proteins on blood lipids of healthy young men. Wiebe SL, et al. **Am J Clin Nutr** 1984 Nov;40(5):982–9

Mode of action of natural inactivator proteins from corn and rice on a purified assimilatory nitrate reductase. Solomonson LP, et al. **Arch Biochem Biophys** 1984 Sep; 233(2):469–74

Evidence of regulation of calcium uptake by phytochrome in maize protoplasts. Das R, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1455–60

Phytochrome and calcium stimulation of protein phosphorylation in isolated pea nuclei. Datta N, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1403–8

The inhibitory effects of beta-momorcharin on endometrial cells in the mouse. Chan WY, et al. **Contraception** 1985 Jan;31(1):83–90

Partially purified white bean amylase inhibitor reduces starch digestion in vitro and inactivates intraduodenal amylase in humans. Layer P, et al. **Gastroenterology** 1985 Jun; 88(6):1895–902

Sensitivity of target cells to immunotoxins: possible role of cell-surface antigens. Colombatti M, et al. **Immunology** 1985 Jun;55(2):331–8

Differential effects of abrin on normal and tumor cells. Chan LN, et al. **J Cell Physiol** 1985 Apr;123(1):132–8

Immunotoxin-mediated elimination of clonogenic tumor cells in the presence of human bone marrow. Uckun FM, et al. **J Immunol** 1985 Mar;134(3):2010–6

Inhibition of Hageman factor (factor XII) by popcorn inhibitor. Kambhu SA, et al. **J Lab Clin Med** 1985 May; 105(5):625–8

Studies on the inhibition of pancreatic and microbial lipases by soybean proteins. Gargouri Y, et al. **J Lipid Res** 1984 Nov;25(11):1214–21

On the distribution of ribosome-inactivating proteins amongst plants. Gasperi-Campani A, et al. **J Nat Prod** 1985 May–Jun;48(3):446–54

Effects of various dietary animal and vegetable proteins on serum and biliary lipids and on gallstone formation in the hamster. Sullivan MA, et al. **Lipids** 1985 Jan;20(1):1–6

Guar by-product improves carbohydrate tolerance in rats. Chiu SS, et al. **Metabolism** 1985 May;34(5):481–5

Starch blockers do not block starch digestion. **Nutr Rev** 1985 Feb;43(2):46–8 (11 ref.)

[Thromboplastic activity of higher plant extracts] Kudriashov BA, et al. **Biol Nauki** 1985;(4):56–60 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

An inverse control by phytochrome of the expression of two nuclear genes in barley (Hordeum vulgare L.). Batschauer A, et al. **Eur J Biochem** 1984 Sep 17;143(3):593–7

Phytochrome control of in vitro transcription of specific genes in isolated nuclei from barley (Hordeum vulgare). Mösinger E, et al. **Eur J Biochem** 1985 Feb 15; 147(1):137–42

RADIATION EFFECTS

Structure function studies on phytochrome. Identification of light-induced conformational changes in 124-kDa Avena phytochrome in vitro. Lagarias JC, et al. **J Biol Chem** 1985 Feb 25;260(4):2415–23

THERAPEUTIC USE

An immunotoxin composed of monoclonal anti-Thy 1.1 antibody and a ribosome-inactivating protein from Saponaria officinalis: potent antitumor effects in vitro and in vivo. Thorpe PE, et al. **JNCI** 1985 Jul;75(1):151–9

TOXICITY

Increased efficiency in selective elimination of leukemia cells by a combination of a stable derivative of cyclophosphamide and a human B-cell-specific immunotoxin containing pokeweed antiviral protein. Uckun FM, et al. **Cancer Res** 1985 Jan;45(1):69–75

[Decrease of the cytotoxicity of gliadin fractions in the development of celiac disease. Organotypic culture study] Arnaud-Battandier F, et al. **Arch Fr Pediatr** 1985 Mar; 42(3):245–8 (Eng. Abstr.) **(Fre)**

PLANT STEROLS see **PHYTOSTEROLS**

PLANT TUMORS

Unusual plasmid DNA organization in an octopine crown gall tumor. Kwok WW, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):459–71

ETIOLOGY

Analysis of transfer of tumor-inducing plasmids from Agrobacterium tumefaciens to Petunia protoplasts. Virts EL, et al. **J Bacteriol** 1985 Jun;162(3):1030–8

FAMILIAL & GENETIC

Plant-inducible virulence promoter of the Agrobacterium tumefaciens Ti plasmid. Okker RJ, et al. **Nature** 1984 Dec 6–12;312(5994):564–6

METABOLISM

Phosphorylation of chromosomal proteins during the transition of a normal plant cell to a crown gall tumor cell. Schäfer W, et al. **Exp Cell Res** 1984 Nov;155(1):141–52

Changes in T-DNA methylation and expression are associated with phenotypic variation and plant regeneration in a crown gall tumor line. Amasino RM, et al. **MGG** 1984; 197(3):437–46

MICROBIOLOGY

Molecular biology of wound tumor virus. Nuss DL. **Adv Virus Res** 1984;29:57–93 (138 ref.)

The molecular basis of plant cell transformation by Agrobacterium tumefaciens. Nester EW, et al. **Basic Life Sci** 1985;30:815–22

Eight DNA insertion events of Agrobacterium tumefaciens Ti-plasmids in isogenic sunflower genomes are all distinct. Ursic D. **Biochem Biophys Res Commun** 1985 Aug 30; 131(1):152–9

Adsorption of tumorigenic Agrobacterium tumefaciens cells to susceptible potato tuber tissues. Pueppke SG, et al. **Can J Microbiol** 1984 Aug;30(8):1030–7

Comparison of T-DNA oncogene complements of Agrobacterium tumefaciens tumor-inducing plasmids with limited and wide host ranges. Buchholz WG, et al. **J Bacteriol** 1984 Oct;160(1):319–26

Host range encoded by the Agrobacterium tumefaciens tumor-inducing plasmid pTiAg63 can be expanded by modification of its T-DNA oncogene complement. Buchholz WG, et al. **J Bacteriol** 1984 Oct;160(1):327–32

Physical and functional map of an Agrobacterium tumefaciens tumor-inducing plasmid that confers a narrow host range. Knauf V, et al. **J Bacteriol** 1984 Nov; 160(2):564–8

Localization of agropine-synthesizing functions in the TR region of the root-inducing plasmid of Agrobacterium rhizogenes 1855. De Paolis A, et al. **Plasmid** 1985 Jan; 13(1):1–7

T-DNA border sequences required for crown gall tumorigenesis. Peralta EG, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5112–6

Detection of tumor-inducing plasmid DNA sequence in Agrobacterium tumefaciens by DNA-DNA hybridization. Furukawa K, et al. **Radioisotopes** 1984 Aug;33(8):543–6

[Optimization of liquid scintillation counting by using multichannel pulse-height analyzer] Ito N, et al.

Radioisotopes 1984 Aug;33(8):539-42 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Crown gall transformation of tobacco callus cells by cocultivation with Agrobacterium tumefaciens. Muller A, et al. **Biochem Biophys Res Commun** 1984 Sep 17; 123(2):458-62

PLANT VIRUSES

Plant virus-specific transport function and resistance of plants to viruses. Atabekov JG, et al. **Adv Virus Res** 1984; 29:313-64 (199 ref.)

Molecular biology of wound tumor virus. Nuss DL. **Adv Virus Res** 1984;29:57-93 (138 ref.)

Use of protoplasts and separate cells in plant virus research. Sander E, et al. **Adv Virus Res** 1984;29:215-62 (197 ref.)

Preparation of complementary DNA by direct synthesis on plant virus RNAs from agarose gels. Gallitelli D, et al. **J Virol Methods** 1985 Jun;11(2):141-4

ANALYSIS

Sequence homology among the coat proteins of gemini viruses. Rao JK. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):892-6

Structure of tomato bushy stunt virus. V. Coat protein sequence determination and its structural implications. Hopper P, et al. **J Mol Biol** 1984 Aug 25;177(4):701-13

Structure of satellite tobacco necrosis virus after crystallographic refinement at 2.5 A resolution. Jones TA, et al. **J Mol Biol** 1984 Aug 25;177(4):735-67

Dot-blot procedure with [32P]DNA probes for the sensitive detection of avocado sunblotch and other viroids in plants. Barker JM, et al. **J Virol Methods** 1985 Feb;10(2):87-98

Detection of double-stranded RNA by serologically specific electron microscopy. Derrick KS, et al. **J Virol Methods** 1984 Dec;9(4):293-9

Maximizing the detection capability of a beet western yellows virus ELISA system. Hewings AD, et al. **J Virol Methods** 1984 Oct;9(2):131-42

Physical characterization of PBCV virus by sedimentation field flow fractionation. Yonker CR, et al. **J Virol Methods** 1985 Jun;11(2):145-60

Protein composition of rice transitory yellowing virus. Hayashi T, et al. **Microbiol Immunol** 1985;29(2):16[illegible]-72

[Analysis of polypeptides of virus-specific informosomes induced by tobacco mosaic virus and potato virus X] Dorokhov IuL, et al. **Mol Biol (Mosk)** 1984 Jul-Aug; 18(4):1001-10 (Eng. Abstr.) **(Rus)**

[Physicochemical characteristics of cyanophages and their components] Mendzhul MI, et al. **Vopr Virusol** 1984 Sep-Oct;29(5):605-10 (Eng. Abstr.) **(Rus)**

CLASSIFICATION

Serological and electrophoretic typing of red clover mottle virus isolates. Musil M, et al. **Acta Virol (Praha)** 1984 Nov; 28(6):515-8

Should tomato spotted wilt virus be considered as a possible member of the family Bunyaviridae? Milne RG, et al. **Intervirology** 1984;22(2):72-6

DRUG EFFECTS

Effect of tiazofurin on tomato plants infected with tomato spotted wilt virus. Caner J, et al. **Antiviral Res** 1984 Dec; 4(6):325-31

GENETICS

An encapsidated, subgenomic messenger RNA encodes the coat protein of carnation mottle virus. Harbison SA, et al. **Biosci Rep** 1984 Nov;4(11):949-56

Molecular cloning of potato spindle tuber viroid (PSTV) cDNA synthesized by enzymatic elongation of PSTV-specific DNA primers: a general strategy for viroid cloning. Tabler M, et al. **Biosci Rep** 1985 Feb;5(2):143-58

2' phosphomonoester, 3'-5' phosphodiester bond at a unique site in a circular viral RNA. Kiberstis PA, et al. **EMBO J** 1985 Mar;4(3):817-27

The nucleotide sequence of maize streak virus DNA. Mullineaux PM, et al. **EMBO J** 1984 Dec 20;3(13):3063-8

Cloned single- and double-stranded DNA copies of potato spindle tuber viroid (PSTV) RNA and co-inoculated subgenomic DNA fragments are infectious. Tabler M, et al. **EMBO J** 1984 Dec 20;3(13):3055-62

A revised replication cycle for viroids: the role of longer than unit length RNA in viroid replication. Ishikawa M, et al. **MGG** 1984;196(3):421-8

Physical structure and genetic organisation of the genome of maize streak virus (Kenyan isolate). Howell SH. **Nucleic Acids Res** 1984 Oct 11;12(19):7359-75

Characterisation of DNA forms associated with cassava latent virus infection. Stanley J, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2189-206

Eleven new sequence variants of citrus exocortis viroid and the correlation of sequence with pathogenicity. Visvader JE, et al. **Nucleic Acids Res** 1985 Apr 25;13(8):2907-20

Infectivity and in vitro mutagenesis of monomeric cDNA clones of citrus exocortis viroid indicates the site of processing of viroid precursors. Visvader JE, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5843-56

Nucleotide sequence of the satellite of peanut stunt virus reveals structural homologies with viroids and certain nuclear and mitochondrial introns. Collmer CW, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3110-4

Replication of peanut stunt virus and its associated RNA 5 in cowpea protoplasts. Linthorst HJ, et al. **Virology** 1984 Dec;139(2):317-29

GROWTH & DEVELOPMENT

Optimisation of conditions for infection of isolated potato protoplasts with potato virus X. Prakash J, et al. **Arch Virol** 1985;85(3-4):269-79

IMMUNOLOGY

Monoclonal antibodies against plant viruses. Sander E, et al. **Adv Virus Res** 1984;29:131-68 (96 ref.)

Use of ELISA for measuring the extent of serological cross-reactivity between plant viruses. Jaegle M, et al. **J Virol Methods** 1985 Jul;11(3):189-98

Use of protein A-gold complex for specific labelling of antibodies bound to plant viruses. I. Viral antigens in suspensions. Louro D, et al. **J Virol Methods** 1984 Oct; 9(2):107-22

ISOLATION & PURIFICATION

Detection of avocado sunblotch viroid by hybridization with synthetic oligonucleotide probes. Bar-Joseph M, et al. **J Virol Methods** 1985 Jan;10(1):69-73

Isopycnic centrifugation of plant viruses in Nycodenz density gradients. Gugerli P. **J Virol Methods** 1984 Nov; 9(3):249-58

Infection of a Chlorella-like alga with the virus, PBCV-1: ultrastructural studies. Meints RH, et al. **Virology** 1984 Oct 30;138(2):341-6

Lytic viruses infecting a Chlorella-like alga. Van Etten JL, et al. **Virology** 1985 Jan 15;140(1):135-43

METABOLISM

A putative primer for second-strand DNA synthesis of maize streak virus is virion-associated. Donson J, et al. **EMBO J** 1984 Dec 20;3(13):3069-73

ULTRASTRUCTURE

Morphology and nucleic acid of rice gall dwarf virus. Boccardo G, et al. **Intervirology** 1985;23(3):167-71

Differences in the morphology of isometric particles of some plant viruses stained with uranyl acetate as an aid to their identification. Hatta T, et al. **J Virol Methods** 1984 Nov; 9(3):237-47

PLANTAGO see under **PLANTS, MEDICINAL**

PLANTAR PRINTS see **DERMATOGLYPHICS**

PLANTS

Nomenclature of allergenic plants. I. Halse RR. **Ann Allergy** 1984 Oct;53(4):291-310

Laboratory observations of the actions of Glinus lotoides (Fam. Aizoacea) fruit on snail hosts of Fasciola and Schistosoma in Kenya. Broberg G, et al. **Ann Trop Med Parasitol** 1984 Dec;78(6):663

Polarized photoacoustic, absorption and fluorescence spectra of chloroplasts and thylakoids oriented in polyvinyl alcohol films. Frackowiak D, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):254-61

Base pairing in wheat germ ribosomal 5S RNA as measured by ultraviolet absorption, circular dichroism, and Fourier-transform infrared spectrometry. Li SJ, et al. **Biochemistry** 1984 Jul 31;23(16):3652-8

Plant-thorn synovitis occurring in a child with psoriatic arthritis. Ormerod AD, et al. **Br J Rheumatol** 1984 Nov; 23(4):296-7

Contact dermatitis to Hedera helix (common ivy). Boyle J, et al. **Contact Dermatitis** 1985 Feb;12(2):111-2

Contact dermatitis from Frullania, Compositae and other plants. Fernández de Corres L. **Contact Dermatitis** 1984 Aug;11(2):74-9

Contact dermatitis to Alstroemeria. Santucci B, et al. **Contact Dermatitis** 1985 Apr;12(4):215-9

Contact dermatitis from Euphorbia pulcherrima. Santucci B, et al. **Contact Dermatitis** 1985 May;12(5):285-6

Immediate-type hypersensitivity to Crataegus monogyna (hawthorn). Steinman HK, et al. **Contact Dermatitis** 1984 Nov;11(5):321

Effects of 2,4-dichlorophenoxyacetic acid in artificial acid rain on Brassica napus and Sinapis alba. Løkke H. **Ecotoxicol Environ Safety** 1984 Aug;8(4):328-38

Water-clarifying plants in Ethiopia [letter] Göttsch E. **Ethiop Med J** 1984 Oct;22(4):219-20

Carcinogenicity in rats of ptaquiloside isolated from bracken. Hirono I, et al. **Gann** 1984 Oct;75(10):833-6

Seasonal incidence of mosquito breeding in plant axils at Tezpur (Assam). Sarkar PK, et al. **Indian J Public Health** 1984 Jul-Sep;28(3):152-8

The super-nettles. A dermatologist's guide to ants in the plants. Schmidt RJ. **Int J Dermatol** 1985 May;24(4):204-10 (31 ref.)

A multidisciplinary overview of intoxicating snuff rituals in the western hemisphere. de Smet PA. **J Ethnopharmacol** 1985 Mar;13(1):3-49 (258 ref.)

Intoxicating snuffs of the Venezuelan Piaroa Indians. De Smet PA, et al. **J Psychoactive Drugs** 1985 Apr-Jun; 17(2):93-103

Snails and aquatic vegetation in Gezira irrigation canals. Hilali AM, et al. **J Trop Med Hyg** 1985 Apr;88(2):75-81

Resourceful women unmask cactus spines [letter] **JAMA** 1985 May 17;253(19):2830

Leads from the MMWR. Phytophotodermatitis among grocery workers. **JAMA** 1985 Feb 8;253(6):753

Removal of small cactus spines from the skin [letter] Gelbard MK. **JAMA** 1984 Dec 28;252(24):3368

Polypodium fern wreaths (Hagnaya). A new source of occupational mite dermatitis. Shelley WB, et al. **JAMA** 1985 Jun 7;253(21):3137-8

Phytophotodermatitis among grocery workers—Ohio. **MMWR** 1985 Jan 11;34(1):11-3

Natural plant chemicals: sources of industrial and medicinal materials. Balandrin MF, et al. **Science** 1985 Jun 7; 228(4704):1154-60 (65 ref.)

Hernandulcin: an intensely sweet compound discovered by review of ancient literature. Compadre CM, et al. **Science** 1985 Jan 25;227(4685):417-9

[Secondary effect of pesticides on flora and fauna] Corbaz R. **Ther Umsch** 1985 May;42(5):113-9 (Eng. Abstr.) **(Fre)**

[Allergic contact dermatitis due to Asteraceae (Compositae). Cross reaction with Liatris spicata] Goerz G, et al. **Derm Beruf Umwelt** 1985;33(3):95-8 (Eng. Abstr.) **(Ger)**

[Gaillardia allergy] Hausen BM. **Derm Beruf Umwelt** 1985; 33(2):62-5 (Eng. Abstr.) **(Ger)**

[The acceptable daily intake of mimosine for productive livestock and its importance in the use of Leucaena leucocephala in animal nutrition] Szyszka M, et al. **DTW** 1984 Jul 24;91(7-8):260-2 (Eng. Abstr.) **(Ger)**

[The celery-carrot-mugwort-condiment syndrome: skin test and RAST results] Wüthrich B, et al. **Schweiz Med Wochenschr** 1985 Mar 16;115(11):258-64 (Eng. Abstr.) **(Ger)**

[Allergy to decorative plants] Rudzki E, et al. **Przegl Dermatol** 1984 Nov-Dec;71(6):509-13 (Eng. Abstr.) **(Pol)**

[Allergic contact dermatitis caused by plants] Fernández de Corres L, et al. **Allergol Immunopathol (Madr)** 1984 Jul-Aug;12(4):313-9 (Eng. Abstr.) **(Spa)**

[Münchausen's syndrome in children (letter)] Málaga S, et al. **Med Clin (Barc)** 1984 Oct 13;83(11):471-2 **(Spa)**

ANALYSIS

Reverse transcription and kinetic complexity analysis of mRNA from lupin root nodules. Mądrzak CJ, et al. **Acta Biochim Pol** 1984;31(4):439-51

Trypsin inhibitors in summer squash (Cucurbita pepo) seeds. Isolation, purification and partial characterization of three inhibitors. Otlewski J, et al. **Acta Biochim Pol** 1984; 31(3):267-78

Separation and quantitation of molecular species from plant lipids by high-performance liquid chromatography. Kesselmeier J, et al. **Anal Biochem** 1985 Feb 1; 144(2):319-28

The Cuisinart food processor efficiently disaggregates tissues. Necessary PC, et al. **Anal Biochem** 1985 May 1;146(2):372-3

Spectrophotometric determination of cobalt in pepperbush leaves and coal fly ashes using 2-(2-benzothiazolylazo)-5-dimethylaminobenzoic acid. Katami T, et al. **Analyst** 1985 Apr;110(4):399-401

Characterization of a spinach photosystem II core preparation isolated by a simplified method. Bricker TM, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):170-6

The squash family of serine proteinase inhibitors. Amino acid sequences and association equilibrium constants of inhibitors from squash, summer squash, zucchini, and cucumber seeds. Wieczorek M, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):646-52

Purification and properties of plant cytochrome b5. Bonnerot C, et al. **Biochem J** 1985 Feb 15;226(1):331-4

Convicilin mRNA from pea (Pisum sativum L.) has sequence homology with other legume 7S storage protein mRNA species. Casey R, et al. **Biochem J** 1984 Dec 1;224(2):661-6

Hemicellulosic complexes from the cell walls of runner bean (Phaseolus coccineus). O'Neill MA, et al. **Biochem J** 1985 Apr 15;227(2):475-81

Homology between legumin-like polypeptides from cereals and pea. Robert LS, et al. **Biochem J** 1985 Mar 15; 226(3):847-52

Wound-induced trypsin inhibitor in alfalfa leaves: identity as a member of the Bowman-Birk inhibitor family. Brown WE, et al. **Biochemistry** 1985 Apr 23;24(9):2105-8

Dodecandrin, a new ribosome-inhibiting protein from Phytolacca dodecandra. Ready MP, et al. **Biochim Biophys Acta** 1984 Dec 21;791(3):314-9

Isolation and partial characterization of glabrin, a neurotoxin from Cnestis glabra (Connaraceae) root barks. Jeannoda VL, et al. **Biochimie** 1984 Jul-Aug;66(7-8):557-62

Further studies of the glucomannan from Aloe vahombe (liliaceae). II. Partial hydrolyses and NMR 13C studies. Radjabi-Nassab F, et al. **Biochimie** 1984 Jul-Aug; 66(7-8):563-7

The identification of cyclic nucleotides from living systems using collision-induced dissociation of ions generated by fast atom bombardment mass spectrometry. Kingston EE, et al. **Biomed Mass Spectrom** 1984 Jul;11(7):367-74

Determination of benzene and toluene in soils and plant material by azeotropic distillation. Kozloski RP. **Bull Environ Contam Toxicol** 1985 Jan;34(1):10–6

Some biochemical properties of higher plant tubulins. Mizuno K, et al. **Cell Biol Int Rep** 1985 Jan;9(1):5–12

Identification of psoralen, 8–methoxypsoralen, isopimpinellin, and 5,7–dimethoxycoumarin in Pelea anisata H. Mann. Yoke Marchant Y, et al. **Contact Dermatitis** 1985 Apr; 12(4):196–9

Formation and fate of bound residues of [14C]benzene and [14C]chlorobenzenes in soil and plants. Scheunert I, et al. **Ecotoxicol Environ Safety** 1985 Apr;9(2):159–70

Purification and characterization of tomato polygalacturonase converter. Pressey R. **Eur J Biochem** 1984 Oct 15;144(2):217–21

The low–technology monitoring of atmospheric metal pollution in central Scotland. Yule FA, et al. **IARC Sci Publ** 1984;(53):253–64

Capillary gas chromatographic determination of prometryn and its degradation products in parsley. Bardalaye PC, et al. **J Assoc Off Anal Chem** 1985 Jul–Aug;68(4):750–3

Affinity chromatography of mustard beta–amylase on starch columns. Subbaramaiah K, et al. **J Biochem Biophys Methods** 1985 Mar;10(5–6):315–20

Distinct difference in the polyamine compositions of bryophyta and pteridophyta. Hamana K, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1595–601

Azuki bean (Vigna angularis) protease inhibitors: isolation and amino acid sequences. Ishikawa C, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):55–70

Isolation and characterization of a lectin from the fruit of Clerodendron trichotomum. Kitagaki H, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):791–9

Isolation of furanoterpene–containing particles from Ceratocystis fimbriata–infected sweet potato root tissue. Oba K, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1951–4

Subunit compositions of trypsin inhibitors from tubers of taro, Colocasia antiquorum var. nymphaifolia? Ogata F, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):589–97

Isolation and characterization of trypsin inhibitors from tubers of taro, Colocasia antiquorum var. nymphaifolia? Ogata F, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1565–74

Correlation of chloroplast and bacterial ribosomal proteins by cross–reactions of antibodies specific to purified Escherichia coli ribosomal proteins. Bartsch M. **J Biol Chem** 1985 Jan 10;260(1):237–41

Isolation and characterization of the proteinase inhibitor–inducing factor from tomato leaves. Identity and activity of poly– and oligogalacturonide fragments. Bishop PD, et al. **J Biol Chem** 1984 Nov 10;259(21):13172–7

Structure function studies on phytochrome. Identification of light–induced conformational changes in 124–kDa Avena phytochrome in vitro. Lagarias JC, et al. **J Biol Chem** 1985 Feb 25;260(4):2415–23

Plants have isoforms for acyl carrier protein that are expressed differently in different tissues. Ohlrogge JB, et al. **J Biol Chem** 1985 Jul 5;260(13):8032–7

Appearance of specific antigenic proteins in the maturing sexual organs of Sinapis flowers. Jacqmard A, et al. **J Cell Sci** 1984 Jun;68:195–209

Lariciresinol derivatives from Turrea nilotica and Monechma ciliatum. Ayoub SM, et al. **J Nat Prod** 1984 Sep–Oct; 47(5):875–6

The volatile constituents of the roots of Selinum tenuifolium. Dev V, et al. **J Nat Prod** 1984 Sep–Oct;47(5):904–5

Identification of new cactus alkaloids in Backebergia militaris by tandem mass spectrometry. Ferrigni NR, et al. **J Nat Prod** 1984 Sep–Oct;47(5):839–45

Terpenoid constituents of Viguiera dentata. Gao F, et al. **J Nat Prod** 1985 Mar–Apr;48(2):316–8

On the distribution of ribosome–inactivating proteins amongst plants. Gasperi–Campani A, et al. **J Nat Prod** 1985 May–Jun;48(3):446–54

Absolute configuration of deglucopterocereine: conversion into R–(+)–N–methylcalycotomine. Kerekes P, et al. **J Nat Prod** 1985 Jan–Feb;48(1):142–3

A phytochemical screening procedure for sweet ent–kaurene glycosides in the genus Stevia. Kinghorn AD, et al. **J Nat Prod** 1984 May–Jun;47(3):439–44

Antitumor alkaloids in callus cultures of Ochrosia elliptica. Kouadio K, et al. **J Nat Prod** 1984 Sep–Oct;47(5):872–4

Sesquiterpene–coumarin ethers of Ferula tingitana. Miski M, et al. **J Nat Prod** 1985 Mar–Apr;48(2):326–7

6–Methoxylated and C–glycosyl flavonoids from Centaurea species. Oksüz S, et al. **J Nat Prod** 1984 Sep–Oct; 47(5):902–3

Alkaloids and coumarins of Casimiroa edulis. Rizvi SH, et al. **J Nat Prod** 1985 Jan–Feb;48(1):146

Isolation and characterization of safflower (Carthamus tinctorius L.) chloroplast DNA. Ma C, et al. **Mol Cell Biochem** 1985 Jan;65(2):181–8

Macrocyclic lathyrane type diterpene esters (jolkinols) from callus cultures and roots of Euphorbia lathyris. Adolf W, et al. **Planta Med** 1984 Jun;50(3):259–61

Alkamides: structural relationships, distribution and biological activity. Greger H. **Planta Med** 1984 Oct; 50(5):366–75 (67 ref.)

Plant anticancer agents XXXIII. Constituents of Passerina vulgaris. Guo JX, et al. **Planta Med** 1984 Jun;50(3):264–5

Antihepatotoxic actions of flavonolignans from Silybum marianum fruits. Hikino H, et al. **Planta Med** 1984 Jun; 50(3):248–50

Tertiary indole alkaloids from fruits of Tabernaemontana dichotoma. Perera P, et al. **Planta Med** 1984 Jun; 50(3):251–3

Maté. Graham HN. **Prog Clin Biol Res** 1984;158:179–83 (20 ref.)

Isolation and identification of two isomeric trihydroxy octadecenoic acids with prostaglandin E–like activity from onion bulbs (Allium cepa). Ustünes L, et al. **Prostaglandins** 1985 May;29(5):847–65

Localization of chromenes and benzofurans in the genus Encelia (Asteraceae). Proksch P, et al. **Z Naturforsch** [C] 1985 May–Jun;40(5–6):301–4

[Plants of New Caledonia. Alkaloids from Melodinus phylliraeoides Labill] Mehri H, et al. **Ann Pharm Fr** 1984; 42(2):145–8 (Eng. Abstr.) **(Fre)**

[Immunostimulant action of polysaccharides (heteroglycans) from higher plants. Preliminary communication] Wagner H, et al. **Arzneimittelforsch** 1984;34(6):659–61 (Eng. Abstr.) **(Ger)**

[Plant and microbial agents as immunomodulators] Lindequist U, et al. **Pharmazie** 1985 Jan;40(1):10–6 (190 ref.) **(Ger)**

[The differentiation of parts of paprika fruit by analysis of their mineral constituents] Borszéki J, et al. **Z Lebensm Unters Forsch** 1985 Apr;180(4):292–6 (Eng. Abstr.) **(Ger)**

[Contamination of oaks by heavy metals] Ottaviani M, et al. **Ann Ist Super Sanita** 1983;19(2–3):471–4 (Eng. Abstr.) **(Ita)**

[Determination of fluorine in plant tissues] Ottaviani M, et al. **Ann Ist Super Sanita** 1983;19(2–3):467–70 (Eng. Abstr.) **(Ita)**

[The extraction of biologically active substances from hop] Kumai A, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Oct 20;60(10):1202–13 (Eng. Abstr.) **(Jpn)**

[Gas chromatographic determination of the herbicide illoxan in plants, grain and soil] Novitskaia TV, et al. **Gig Sanit** 1984 Oct;(10):51–2 **(Rus)**

[Phytoindication of radionuclides in the environment] Piskunov LI, et al. **Gig Sanit** 1984 Jul;(7):66 **(Rus)**

[Determination of concentration of Mn–54 in plant and soil samples] Vintsukevich NV, et al. **Gig Sanit** 1984 Aug; (8):88–90 **(Rus)**

ANATOMY & HISTOLOGY

Biodynamics and NMR. Lenk R. **Prog Nucl Med** 1984; 8:55–61

Magnetic resonance imaging of biological specimens by electron paramagnetic resonance of nitroxide spin labels. Berliner JL, et al. **Science** 1985 Feb 1;227(4686):517–9

CLASSIFICATION

Relationships between plants relevant to allergy. Watson L, et al. **Med J Aust** 1984 Sep 1;141(5 Suppl):S18–23

[The Amaranthaceae family] Mejía Ortega J. **Alergia** 1985 Jan–Mar;32(1):17–21 **(Spa)**

CYTOLOGY

Cytofluorometric determination of nuclear DNA in plant cells using auramine O. Cíhalíková J, et al. **Acta Histochem (Jena)** 1985;76(2):151–6

Use of protoplasts and separate cells in plant virus research. Sander E, et al. **Adv Virus Res** 1984;29:215–62 (197 ref.)

Meiosis readiness in Lilium. Walters MS. **Can J Genet Cytol** 1985 Feb;27(1):33–8

The transition point for protein synthesis in late S–G2 may be delayed by genome bromosubstitution without affecting the time of entry into mitosis. González–Fernández A, et al. **Cell Biol Int Rep** 1985 Mar;9(3):237–43

Proliferation of multinucleate cells with unbalanced nuclei. Hervás JP, et al. **Cell Biol Int Rep** 1985 Jan;9(1):91–101

Concepts of target cells in plant differentiation. Osborne DJ. **Cell Differ** 1984 Aug;14(3):161–9

Histochemical mechanism for the orthochromatic staining and fluorescence reaction of lignified tissues. Stockert JC, et al. **Cell Mol Biol** 1984;30(6):503–8

The relationship between the division plane and spindle geometry in Allium cells treated with CIPC and griseofulvin: an anti–tubulin study. Clayton L, et al. **Eur J Cell Biol** 1984 Jul;34(2):248–53

Changes in microtubule arrays during the differentiation of cortical root cells of Raphanus sativus. Traas JA, et al. **Eur J Cell Biol** 1984 Jul;34(2):229–38

Actin organization during the cell cycle in meristematic plant cells. Actin is present in the cytokinetic phragmoplast. Clayton L, et al. **Exp Cell Res** 1985 Jan;156(1):231–8

Regulated redox processes at the plasmalemma of plant root cells and their function in iron uptake. Bienfait HF. **J Bioenerg Biomembr** 1985 Apr;17(2):73–83 (88 ref.)

Evaluation of techniques for immunofluorescent staining of microtubules in cultured plant cells. Simmonds DH, et al. **J Histochem Cytochem** 1985 Apr;33(4):345–52

Detection of impervious tissue in tree bark with selective histochemistry and fluorescence microscopy. Biggs AR. **Stain Technol** 1985 Sep;60(5):299–304

Mayer's hemalum–methyl salicylate: a stain–clearing technique for observations within whole ovules. Stelly DM, et al. **Stain Technol** 1984 May;59(3):155–61

Microstreaming shear as a mechanism of cell death in Elodea leaves exposed to ultrasound. Miller DL. **Ultrasound Med Biol** 1985 Mar–Apr;11(2):285–92

DRUG EFFECTS

Effect of suspended bentonite clay on the acute toxicity of glyphosate to Daphnia pulex and Lemna minor. Hartman WA, et al. **Bull Environ Contam Toxicol** 1984 Sep; 33(3):355–61

Sulfur dioxide effects on petunia pollen germination and seed set. Linskens HF, et al. **Bull Environ Contam Toxicol** 1985 May;34(5):691–5

Mutagenicity of drinking water detected by the Tradescantia micronucleus test. Ma TH, et al. **Can J Genet Cytol** 1985 Apr;27(2):143–50

Effect of chlorophenols on isolated plant mitochondria activities: a QSAR study. Ravanel P, et al. **Ecotoxicol Environ Safety** 1985 Jun;9(3):300–20

Fertilization of a colchicine–treated gamete of the fern Marsilea vestita. Kuligowski J, et al. **Exp Biol** 1985; 43(4):263–76

Regulation of syringomycin synthesis in Pseudomonas syringae pv. syringae and defined conditions for its production. Gross DC. **J Appl Bacteriol** 1985 Feb; 58(2):167–74

Coordinate expression of ribosomal protein mRNAs following auxin treatment of soybean hypocotyls. Gantt JS, et al. **J Biol Chem** 1985 May 25;260(10):6175–81

Rapid induction of specific mRNAs by auxin in pea epicotyl tissue. Theologis A, et al. **J Mol Biol** 1985 May 5; 183(1):53–68

Plant tissue culture as a model system for mutagenicity testing of chemicals. Kallak HI, et al. **Mutat Res** 1985 Feb–Apr; 147(1–2):51–7

Tradescantia–Micronucleus (Trad–MCN) tests on 140 health–related agents. Ma TH, et al. **Mutat Res** 1984 Nov–Dec;138(2–3):157–67

The effects of fluoride on animals and plants in the south Safi zone. Kessabi M, et al. **Sci Total Environ** 1984 Sep; 38:63–8

[Plant growth inhibitory activity of semicarbazones derived from phenylthioacetaldehydes and phenylthiopropanones] Alves A, et al. **Ann Pharm Fr** 1984;42(2):169–77 (Eng. Abstr.) **(Fre)**

[Changes in edaphic and plant physiological parameters under the influence of gaseous HCl and SO2 emissions] Hülsenberg C. **Schriftenr Ver Wasser Boden Lufthyg** 1984; 59:171–89 **(Ger)**

ENZYMOLOGY

Biosynthesis of alkanes by particulate and solubilized enzyme preparations from pea leaves (Pisum sativum). Bognar AL, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):8–17

Vanadate–dependent NADH oxidation in microsomal membranes of sugar beet. Briskin DP, et al. **Arch Biochem Biophys** 1985 Jan;236(1):228–37

Isolation and sequencing of an active–site peptide from spinach ferredoxin–NADP+ oxidoreductase after affinity labeling with periodate–oxidized NADP+. Chan RL, et al. **Arch Biochem Biophys** 1985 Jul;240(1):172–7

Cyclization of farnesyl pyrophosphate to the sesquiterpene olefins humulene and caryophyllene by an enzyme system from sage (Salvia officinalis). Croteau R, et al. **Arch Biochem Biophys** 1984 Sep;233(2):838–41

Biosynthesis of monoterpenes: demonstration of a geranyl pyrophosphate:(–)–bornyl pyrophosphate cyclase in soluble enzyme preparations from tansy (Tanacetum vulgare). Croteau R, et al. **Arch Biochem Biophys** 1985 Feb 1; 236(2):535–43

Properties of a microsomal enzyme system from Linum usitatissimum (linen flax) which oxidizes valine to acetone cyanohydrin and isoleucine to 2–methylbutanone cyanohydrin. Cutler AJ, et al. **Arch Biochem Biophys** 1985 Apr;238(1):272–9

Purification and characterization of an abscisic acid–inducible anionic peroxidase associated with suberization in potato (Solanum tuberosum). Espelie KE, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):539–45

Studies of the delta 12 desaturase of Carthamus tinctorius L. Gennity JM, et al. **Arch Biochem Biophys** 1985 Jun; 239(2):444–54

Modulation of the activity of NAD malic enzyme from solanum tuberosum by changes in oligomeric state. Grover SD, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):418–25

Elicitor induction of a microsomal 5–O–(4–coumaroyl)shikimate 3'–hydroxylase in parsley cell suspension cultures. Heller W, et al. **Arch Biochem Biophys** 1985 Sep;241(2):453–60

Chalcone synthase from cell suspension cultures of Daucus carota L. Hinderer W, et al. **Arch Biochem Biophys** 1985 Jul;240(1):265–72

Modification of the active site of isocitrate lyase from watermelon cotyledons. Jameel S, et al. **Arch Biochem Biophys** 1985 Jan;236(1):72–81

Stability of the complex formed between french bean (Phaseolus vulgaris) phenylalanine ammonia–lyase and its transition–state analog. Jones DH, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):167–77

Characterization of cucumber ascorbate oxidase and its reaction with hexacyanoferrate (II). Kawahara K, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):179–86

The substrate specificity, kinetics, and mechanism of glycerate–3–kinase from spinach leaves. Kleczkowski LA, et al. **Arch Biochem Biophys** 1985 Jan;236(1):185–94

Malonyl–coenzyme A:isoflavone

7-O-glucoside-6'-O-malonyltransferase from roots of chick pea (Cicer arietinum L.). Koester J, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):513-21

Role of metal ions in activity and site:site heterogeneity in isocitrate lyase of castor seedling endosperm. Malhotra OP, et al. **Arch Biochem Biophys** 1984 Dec;235(2):612-7

N-malonyltransferases from peanut. Matern U, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):218-27

Subcellular distribution of acetyl-coenzyme A carboxylase in mesophyll cells of barley and sorghum leaves. Nikolau BJ, et al. **Arch Biochem Biophys** 1984 Dec;235(2):555-61

Evidence for a reactive cysteine at the nucleotide binding site of spinach ribulose-5-phosphate kinase. Omnaas J, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):646-53

Regulation of phosphoenolpyruvate carboxylase from Crassula by interconversion of oligomeric forms. Wu MX, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):655-62

Siderophore reduction catalyzed by higher plant NADH:nitrate reductase. Castignetti D, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):52-8

Monoclonal antibodies identify multiple epitopes on maize leaf nitrate reductase. Cherel I, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):686-93

A calcium-binding protein is a regulatory subunit of quinate:NAD+ oxidoreductase from dark-grown carrot cells. Graziana A, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):774-83

Unexpected specificity in the thioredoxin activation of fructose-bis-phosphatases from different plants. Häberlein I, et al. **Biochem Biophys Res Commun** 1985 Mar 15; 127(2):401-6

The L-aspartate oxidase reported to be present in higher plants is actually glutamic oxaloacetic transaminase. Wilder JP, et al. **Biochem Biophys Res Commun** 1984 Sep 17; 123(2):836-41

Subunit hybridization and immunological studies of duplicated phosphoglucose isomerase isozymes. Higgins RC, et al. **Biochem Genet** 1984 Oct;22(9-10):957-79

Catalytic properties of alcohol dehydrogenase isozymes specified by duplicate genes in the diploid plant Stephanomeria exigua. Roose ML. **Biochem Genet** 1984 Aug;22(7-8):631-43

Genetics, subcellular localization, and molecular characterization of 6-phosphogluconate dehydrogenase isozymes in tomato. Tanksley SD, et al. **Biochem Genet** 1985 Jun;23(5-6):441-54

Pyrophosphate:fructose 6-phosphate 1-phosphotransferase and glycolysis in non-photosynthetic tissues of higher plants. ap Rees T, et al. **Biochem J** 1985 Apr 1; 227(1):299-304

Names and numbers of papaya proteinases [letter] Barrett AJ, et al. **Biochem J** 1985 Jun 1;228(2):527

Fresh non-fruit latex of Carica papaya contains papain, multiple forms of chymopapain A and papaya proteinase omega [letter] Brocklehurst K, et al. **Biochem J** 1985 Jun 1;228(2):525-7

Partial purification and properties of the external NADH dehydrogenase from cuckoo-pint (Arum maculatum) mitochondria. Cottingham IR, et al. **Biochem J** 1984 Nov 15;224(1):171-9

Purification of F1-ATPase from cuckoo-pint (Arum maculatum) mitochondria. A comparison of subunit composition with that of rat liver F1-ATPase. Dunn PP, et al. **Biochem J** 1985 Feb 1;225(3):821-4

Discontinuities in the topography of alcohol dehydrogenase-sodium dodecyl sulphate complexes revealed by mutagenesis and proteolysis. Ferl RJ. **Biochem J** 1985 Mar 15;226(3):853-8

Solubilization of the alternative oxidase of cuckoo-pint (Arum maculatum) mitochondria. Stimulation by high concentrations of ions and effects of specific inhibitors. Kay CJ, et al. **Biochem J** 1985 Jun 1;228(2):309-18

Chloride-ion stimulation of the tonoplast H+-translocating ATPase from Hevea brasiliensis (rubber tree) latex. A dual mechanism. Marin BP, et al. **Biochem J** 1985 Feb 15; 226(1):85-94

The control by delta mu H+ of the tonoplast-bound H+-translocating adenosine triphosphatase from rubber-tree (Hevea brasiliensis) latex. Marin BP. **Biochem J** 1985 Jul 15;229(2):459-67

Substrate specificities of the enzymes of the oleate desaturase system from photosynthetic tissue. Murphy DJ, et al. **Biochem J** 1985 Jan 1;225(1):267-70

The di- and poly-amine oxidases of higher plants. Smith TA. **Biochem Soc Trans** 1985 Apr;13(2):319-22

Inhibition of soybean lipoxygenase 1 by N-alkylhydroxylamines. Clapp CH, et al. **Biochemistry** 1985 Apr 9;24(8):1826-30

Plant oligoadenylates: enzymatic synthesis, isolation, and biological activities. Devash Y, et al. **Biochemistry** 1985 Jan 29;24(3):593-9

Characterization of the siroheme active site in spinach nitrite reductase by resonance Raman spectroscopy. Ondrias MR, et al. **Biochim Biophys Acta** 1985 Aug 8;830(2):159-63

Pentane formation during the anaerobic reactions of reticulocyte lipoxygenase. Comparison with lipoxygenases from soybeans and green pea seeds. Salzmann U, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):535-42

The inactivation of lipoxygenases by acetylenic fatty acids. Kühn H, et al. **Biomed Biochim Acta** 1984;43(8-9):S358-61

Activation of carboxylesterases in root cortical parenchymal cells of Pisum sativum during xylem induction in vitro. Gahan PB, et al. **Cell Biochem Funct** 1983 Jul;1(2):109-11

Immunohistochemical demonstration of lentil diamine oxidase. Federico R, et al. **Cell Mol Biol** 1985;31(3):171-4

Electrostatic effects and calcium ion concentration as modulators of acid phosphatase bound to plant cell walls. Crasnier M, et al. **Eur J Biochem** 1985 Aug 15; 151(1):187-90

Solubilization and purification of the ATPase from the tonoplast of Hevea. Marin B, et al. **Eur J Biochem** 1985 Aug 15;151(1):131-40

Purification and characterization of glutamate decarboxylase from Solanum tuberosum. Satyanarayan V, et al. **Eur J Biochem** 1985 Jul 1;150(1):53-60

Partial purification and characterization of an anion-activated ATPase from radish microsomes. Tognoli L. **Eur J Biochem** 1985 Feb 1;146(3):581-8

Plant peroxidases. Their primary, secondary and tertiary structures, and relation to cytochrome c peroxidase. Welinder KG. **Eur J Biochem** 1985 Sep 16;151(3):497-504

Involvement of plastoquinone and lipids in electron transport reactions mediated by the cytochrome b6-f complex isolated from spinach. Chain RK. **FEBS Lett** 1985 Jan 28; 180(2):321-5

Starch phosphorylase from tapioca (Manihot utilissima) tuber: isolation and some physico-chemical properties. Kumar A, et al. **Indian J Biochem Biophys** 1984 Aug; 21(4):241-7

Effect of zinc deficiency on kinetics of ribulose-1,5-biphosphate carboxylase of Oryza sativa L. and Pennisetum americanum (L.) Leeke. Seethambaram Y, et al. **Indian J Biochem Biophys** 1985 Feb;22(1):27-30

The use of isozymes as probes to identify and label plant varieties and cultivars. Nielsen G. **Isozymes Curr Top Biol Med Res** 1985;12:1-32 (96 ref.)

The presence of essential histidine residues in manganese(III)-containing acid phosphatase from sweet potato. Fujimoto S, et al. **J Biochem (Tokyo)** 1985 Jun; 97(6):1777-84

beta-D-Glucosidase from seeds of Japanese cycad, Cycas revoluta Thunb.: properties and substrate specificity. Yagi F, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):119-26

The proton pumps of the plasmalemma and the tonoplast of higher plants. Marrè E, et al. **J Bioenerg Biomembr** 1985 Feb;17(1):1-21 (120 ref.)

Catalytic properties of a hybrid between cyanobacterial large subunits and higher plant small subunits of ribulose bisphosphate carboxylase-oxygenase. Andrews TJ, et al. **J Biol Chem** 1985 Apr 25;260(8):4632-6

Inhibition of membrane-bound chloroplast coupling factor 1 by a dephosphorylated derivative of dialdehyde ADP. Garbarino JE, et al. **J Biol Chem** 1985 Jul 15; 260(14):8297-300

Coordinate induction of alcohol dehydrogenase 1, aldolase, and other anaerobic RNAs in maize. Hake S, et al. **J Biol Chem** 1985 Apr 25;260(8):5050-4

Structural characterization and the determination of negative cooperativity in the tight binding of 2-carboxyarabinitol bisphosphate to higher plant ribulose bisphosphate carboxylase. Johal S, et al. **J Biol Chem** 1985 Aug 15; 260(17):9894-904

Anaerobic expression of maize fructose-1,6-diphosphate aldolase. Kelley PM, et al. **J Biol Chem** 1984 Nov 25; 259(22):14180-3

Structural genes for alpha-amylases are located on barley chromosomes 1 and 6. Muthukrishnan S, et al. **J Biol Chem** 1984 Nov 25;259(22):13637-9

Kinetics of reduction of Clostridium pasteurianum rubredoxin by laser photoreduced spinach ferredoxin:NADP+ reductase and free flavins. Electron transfer within a protein-protein complex. Przysiecki CT, et al. **J Biol Chem** 1985 Feb 10;260(3):1452-8

Quaternary structure and composition of squash NADH:nitrate reductase. Redinbaugh MG, et al. **J Biol Chem** 1985 Mar 25;260(6):3380-5

Coordinate increase in major transcripts from the high pI alpha-amylase multigene family in barley aleurone cells stimulated with gibberellic acid. Rogers JC, et al. **J Biol Chem** 1984 Oct 10;259(19):12234-40

Two barley alpha-amylase gene families are regulated differently in aleurone cells. Rogers JC. **J Biol Chem** 1985 Mar 25;260(6):3731-8

Similarities and differences between the tonoplast-type and the mitochondrial H+-ATPases of oat roots. Wang Y, et al. **J Biol Chem** 1985 Sep 5;260(19):10434-43

Functional determinants in transit sequences: import and partial maturation by vascular plant chloroplasts of the ribulose-1,5-bisphosphate carboxylase small subunit of Chlamydomonas. Mishkind ML, et al. **J Cell Biol** 1985 Jan; 100(1):226-34

Acid phosphatase localization in the digestive glands of Dionaea muscipula Ellis flytraps. Henry Y, et al. **J Histochem Cytochem** 1985 Apr;33(4):339-44

Amino-terminal protein transacetylase from wheat germ. Kido H, et al. **Methods Enzymol** 1984;106:193-7

S-adenosylmethionine: protein (arginine) N-methyltransferase (protein methylase I) (wheat germ). Tuck M, et al. **Methods Enzymol** 1984;106:268-74

Double-stranded RNA specific nuclease from germinating embryos of Pennisetum typhoides. Maran A, et al. **Mol Biol Rep** 1984 Dec;10(2):99-104

Molecular analysis of the alcohol dehydrogenase 2 (Adh2) gene of maize. Dennis ES, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):727-43

Sequence of a genomic DNA clone for the small subunit of ribulose bis-phosphate carboxylase-oxygenase from tobacco. Mazur BJ, et al. **Nucleic Acids Res** 1985 Apr 11; 13(7):2373-86

Pea cytochrome oxidase subunit II gene has no intron and generates two mRNA transcripts with different 5'-termini. Moon E, et al. **Nucleic Acids Res** 1985 May 10; 13(9):3195-212

Alkane biosynthesis by decarbonylation of aldehydes catalyzed by a particulate preparation from Pisum sativum. Cheesbrough TM, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6613-7

[Medico-legal studies of leucine aminopeptidase. II. Enzymatic properties of leucine aminopeptidase occurring in human semen and certain species of plants] Fujisawa K. **Nippon Hoigaku Zasshi** 1984 Jun;38(3):311-8 (Eng. Abstr.) **(Jpn)**

[Medico-legal studies of leucine aminopeptidase. I. Enzymatic activities of leucine aminopeptidase and acid phosphatase occurring in human semen and certain species of plants] Fujisawa K. **Nippon Hoigaku Zasshi** 1984 Jun; 38(3):306-10 (Eng. Abstr.) **(Jpn)**

GENETICS

Chloroplast DNA synthesis during the cell cycle in cultured cells of Nicotiana tabacum: inhibition by nalidixic acid and hydroxyurea. Heinhorst S, et al. **Arch Biochem Biophys** 1985 Jun;239(2):475-9

The molecular basis of plant cell transformation by Agrobacterium tumefaciens. Nester EW, et al. **Basic Life Sci** 1985;30:815-22

Structural studies on Allium cepa L. chromatin: enhanced stability of internucleosome interactions in plant chromatin. Moreno ML, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):645-50

A clover mutant lacking the chlorophyll a- and b-containing protein antenna complexes. Nakatani HY, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):182-9

Eight DNA insertion events of Agrobacterium tumefaciens Ti-plasmids in isogenic sunflower genomes are all distinct. Ursic D. **Biochem Biophys Res Commun** 1985 Aug 30; 131(1):152-9

Polymorphism of alcohol dehydrogenase in Arabidopsis thaliana (L.) Heynh.: genetical and biochemical characterization. Dolferus R, et al. **Biochem Genet** 1984 Oct;22(9-10):817-38

Zein synthesis in the embryo and endosperm of maize mutants. Lee L, et al. **Biochem Genet** 1984 Aug; 22(7-8):729-37

Polymorphism at the Hor 1 locus of barley (Hordeum vulgare L.). Shewry PR, et al. **Biochem Genet** 1985 Jun; 23(5-6):391-404

Distorted segregation and linkage of alcohol dehydrogenase genes in Camellia japonica L. (Theaceae). Wendel JF, et al. **Biochem Genet** 1984 Aug;22(7-8):739-48

Hordein-gene expression during development of the barley (Hordeum vulgare) endosperm. Rahman S, et al. **Biochem J** 1984 Oct 15;223(2):315-22

Conservation of plant cytoplasmic tRNA structure. Nucleotide sequence of rape tRNAPhe. Barciszewska M, et al. **Biochimie** 1984 Jun;66(6):483-6

Chromosomal aberrations in onion (Allium cepa) induced by water chlorination by-products. Al-Sabti K, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):80-8

Chloroplast DNA deletions associated with wheat plants regenerated from pollen: possible basis for maternal inheritance of chloroplasts. Day A, et al. **Cell** 1984 Dec; 39(2 Pt 1):359-68

Barbara McClintock's controlling elements: now at the DNA level. Döring HP, et al. **Cell** 1984 Dec;39(2 Pt 1):253-9

Meiosis-specific transcripts of a DNA component replicated during chromosome pairing: homology across the phylogenetic spectrum. Hotta Y, et al. **Cell** 1985 Apr; 40(4):785-93

Molecular genetics and the light reactions of photosynthesis. Youvan DC, et al. **Cell** 1984 Nov;39(1):1-3

Replication and nicking of zygotene DNA sequences. Control by a meiosis-specific protein. Hotta Y, et al. **Chromosoma** 1984;90(4):243-53

Transposable elements in Antirrhinum majus and Zea mays. Saedler H, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:355-61

Identification and mutational analysis of the promoter for a spinach chloroplast transfer RNA gene. Gruissem W, et al. **EMBO J** 1985 Jul;4(7):1637-44

Characterization of two Phaseolus vulgaris phytohemagglutinin genes closely linked on the chromosome. Hoffman LM, et al. **EMBO J** 1985 Apr; 4(4):883-9

Transcription from maize storage protein gene promoters in yeast. Langridge P, et al. **EMBO J** 1984 Nov;3(11):2467-71

Effects of psoralen on replicon size and mean rate of DNA synthesis in partially synchronized cells of Pisum sativum L. Francis D, et al. **Exp Cell Res** 1985 Jun;158(2):500-8

Stable equilibria at two loci in populations with large selfing rates. Hastings A. **Genetics** 1985 Jan;109(1):215-28

Fine structure and instability of the Ml-a locus in barley. Wise RP, et al. **Genetics** 1985 Sep;111(1):113-30

The Allium test as a standard in environmental monitoring. Fiskesjö G. **Hereditas** 1985;102(1):99-112

Molecular analysis of cucurbitaceae genomes:

II—comparison of high resolution thermal denaturation profiles of DNAs in seven plant species. Bhave M, et al. **Indian J Biochem Biophys** 1984 Apr;21(2):81-4

Analysis of transfer of tumor-inducing plasmids from Agrobacterium tumefaciens to Petunia protoplasts. Virts EL, et al. **J Bacteriol** 1985 Jun;162(3):1030-8

Two partially homologous adjacent light-inducible maize chloroplast genes encoding polypeptides of the P700 chlorophyll a-protein complex of photosystem I. Fish LE, et al. **J Biol Chem** 1985 Feb 10;260(3):1413-21

14th annual UCLA symposium. April 6-April 25, 1985. Abstracts. **J Cell Biochem [Suppl]** 1985;9C:1-307

14th annual UCLA symposium. Abstracts: Plant genetics. **J Cell Biochem [Suppl]** 1985;9C:205-66

Gibberellins and gene control in cereal aleurone cells. Baulcombe D, et al. **J Embryol Exp Morphol** 1984 Nov; 83 Suppl:119-35

Photoregulation of the biosynthesis of ribulose bisphosphate carboxylase. Ellis RJ, et al. **J Embryol Exp Morphol** 1984 Nov;83 Suppl:163-78

Chromosome order—possible implications for development. Heslop-Harrison JS, et al. **J Embryol Exp Morphol** 1984 Nov;83 Suppl:51-73

Chi-square and Mendel's experiments: where's the bias? Monaghan F, et al. **J Hered** 1985 Jul-Aug;76(4):307-9

The T-DNA of Agrobacterium rhizogenes is transmitted through meiosis to the progeny of hairy root plants. Costantino P, et al. **J Mol Appl Genet** 1984;2(5):465-70

The evolution of a plant globin gene family. Brown GG, et al. **J Mol Evol** 1984;21(1):19-32

Quantitation of base substitutions in eukaryotic 5S rRNA: selection for the maintenance of RNA secondary structure. Curtiss WC, et al. **J Mol Evol** 1984;20(3-4):351-61

Comparison of the nucleotide sequence of soybean 18S rRNA with the sequences of other small-subunit rRNAs. Eckenrode VK, et al. **J Mol Evol** 1984-85;21(3):259-69

Recombination between chloroplast DNAs does not occur in sexual crosses of Oenothera. Chiu WL, et al. **MGG** 1985; 198(3):525-8

Mutations of the Adh1 gene in maize following infection with barley stripe mosaic virus. Mottinger JP, et al. **MGG** 1984;195(1-2):367-9

Molecular and general genetics of a hybrid foreign gene introduced into tobacco by direct gene transfer. Potrykus I, et al. **MGG** 1985;199(2):169-77

Transcription of repetitive DNA in condensed plant chromatin. Nagl W, et al. **Mol Biol Rep** 1985 Apr; 10(3):143-6

Identification of DNA sequences required for activity of the cauliflower mosaic virus 35S promoter. Odell JT, et al. **Nature** 1985 Feb 28-Mar 6;313(6005):810-2

Nucleic acid sequence and chromosome assignment of a wheat storage protein gene. Anderson OD, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8129-44

Isolation and sequence analysis of a cDNA encoding the ATP/ADP translocator of Zea mays L. Baker A, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5857-67

Transcriptional and post-transcriptional regulation of storage protein gene expression in sulfur-deficient pea seeds. Beach LR, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):999-1013

Sequence of a pseudogene in the legumin gene family of pea (Pisum sativum L.). Bown D, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4527-38

Efficient octopine Ti plasmid-derived vectors for Agrobacterium-mediated gene transfer to plants. Deblaere R, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4777-88

Measurement of gene number for seed storage proteins in Pisum. Domoney C, et al. **Nucleic Acids Res** 1985 Feb 11; 13(3):687-99

The petunia chlorophyll a/b binding protein genes: a comparison of Cab genes from different gene families. Dunsmuir P. **Nucleic Acids Res** 1985 Apr 11;13(7):2503-18

Chloroplast-coded atrazine resistance in Solanum nigrum: psbA loci from susceptible and resistant biotypes are isogenic except for a single codon change. Goloubinoff P, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9489-96

A transfer RNAArg gene of Pelargonium chloroplasts, but not a 5S RNA gene, is efficiently transcribed after injection into Xenopus oocyte nuclei. Hellmund D, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8253-68

Sequence and codon recognition of bean mitochondria and chloroplast tRNAsTrp: evidence for a high degree of homology. Maréchal L, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4411-6

Isolation and sequence analysis of cDNAs for the major potato tuber protein, patatin. Mignery GA, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):7987-8000

Locations and sequences of tobacco chloroplast genes for tRNAPro(UGG), tRNATrp, tRNAfMet and tRNAGly(GCC): the tRNAGly contains only two base-pairs in the D stem. Ohme M, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6741-9

An in vitro system for accurate transcription initiation of chloroplast protein genes. Orozco EM Jr, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1283-302

The plant ferredoxin precursor: nucleotide sequence of a full length cDNA clone. Smeekens S, et al. **Nucleic Acids Res** 1985 May 10;13(9):3179-94

Conservation and variability of wheat alpha/beta-gliadin genes. Sumner-Smith M, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):3905-916

Nucleotide sequence of Marchantia polymorpha chloroplast DNA: a region possibly encoding three tRNAs and three proteins including a homologue of E. coli ribosomal protein S14. Umesono K, et al. **Nucleic Acids Res** 1984 Dec 21; 12(24):9551-65

Expression of genes transferred into monocot and dicot plant cells by electroporation. Fromm M, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5824-8

Altered gene expression during cold acclimation of spinach. Guy CL, et al. **Proc Natl Acad Sci USA** 1985 Jun; 82(11):3673-7

Ribosomal DNA spacer-length polymorphisms in barley: mendelian inheritance, chromosomal location, and population dynamics. Saghai-Maroof MA, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):8014-8

Deletions within a defective suppressor-mutator element in maize affect the frequency and developmental timing of its excision from the bronze locus. Schiefelbein JW, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4783-7

Development of guidelines for field testing of plants modified by recombinant DNA techniques. Milewski E, et al. **Recomb DNA Tech Bull** 1984 Sep;7(3):114-24

[Chromosome aberrations in Crepis capillaris after gamma-irradiation and clinostatism] Parfenov GP, et al. **Kosm Biol Aviakosm Med** 1984 Sep-Oct;18(5):68-71 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Polarity, calcium and abscission: molecular bases for developmental plasticity in plants. Trewavas AJ, et al. **J Embryol Exp Morphol** 1984 Nov;83 Suppl:179-95

A possible new mode of dictyosome duplication in plant cells. Bosabalidis AM. **Tissue Cell** 1985;17(2):279-85

IMMUNOLOGY

Arachidonic acid-related elicitors of the hypersensitive response in potato and enhancement of their activities by glucans from Phytophthora infestans (Mont.) deBary. Preisig CL, et al. **Arch Biochem Biophys** 1985 Jan; 236(1):379-89

The sensitizing capacity of Compositae plants. VI. Guinea pig sensitization experiments with ornamental plants and weeds using different methods. Zeller W, et al. **Arch Dermatol Res** 1985;277(1):28-35

Macrophage activation and induction of macrophage cytotoxicity by purified polysaccharide fractions from the plant Echinacea purpurea. Stimpel M, et al. **Infect Immun** 1984 Dec;46(3):845-9

Monoclonal antibody to intermediate filament antigen cross-reacts with higher plant cells. Dawson PJ, et al. **J Cell Biol** 1985 May;100(5):1793-8

METABOLISM

Determination of glycolic acid level in higher plants during photorespiration by stable isotope dilution mass spectrometry with double-labeling experiments. Jolivet P, et al. **Anal Biochem** 1985 May 15;147(1):86-91

Characterization and solubilization of an acyl chain elongation system in microsomes of leek epidermal cells. Agrawal VP, et al. **Arch Biochem Biophys** 1985 Jul; 240(1):154-65

Biosynthesis of sulfoquinovosyldiacylglycerol in higher plants: the origin of the diacylglycerol moiety. Bishop DG, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):851-8

The inhibition of plant mitochondrial respiration by the synthetic analog of ubiquinone, 5-n-undecyl-6-hydroxy-4,7-dioxobenzothiazole (UHDBT). Cook ND, et al. **Arch Biochem Biophys** 1985 Jul;240(1):9-14

Enzymatic synthesis of polymethylated flavonols in Chrysosplenium americanum. I. Partial purification and some properties of S-adenosyl-L-methionine:flavonol 3-, 6-, 7-, and 4'-O-methyltransferases. De Luca V, et al. **Arch Biochem Biophys** 1985 May 1;238(2):596-605

Enzymatic synthesis of polymethylated flavonols in Chrysosplenium americanum. II. Substrate interaction and product inhibition studies of flavonol 3-, 6-, and 4'-O-methyltransferases. De Luca V, et al. **Arch Biochem Biophys** 1985 May 1;238(2):606-18

Metabolic pathways as enzyme complexes: evidence for the synthesis of phenylpropanoids and flavonoids on membrane associated enzyme complexes. Hrazdina G, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):88-100

Biosynthesis of ascaridole: iodide peroxidase-catalyzed synthesis of a monoterpene endoperoxide in soluble extracts of Chenopodium ambrosioides fruit. Johnson MA, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):254-66

Biosynthesis of sulfoquinovosyldiacylglycerol in higher plants: the incorporation of 35SO4 by intact chloroplasts. Kleppinger-Sparace KF, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):859-65

Conversion of glycerate to serine in intact spinach leaf peroxisomes. Liang Z, et al. **Arch Biochem Biophys** 1984 Sep;233(2):393-401

Relationships between the rate of synthesis of ATP and the concentrations of reactants and products of ATP hydrolysis in maize root tips, determined by 31P nuclear magnetic resonance. Roberts JK, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):712-22

The effect of hypolipidemic drugs on plant lipid metabolism. Sánchez J, et al. **Arch Biochem Biophys** 1984 Oct; 234(1):45-54

Evidence for Ca++-calmodulin control of transplasmalemma electron transport in carrot cells. Barr R, et al. **Biochem Biophys Res Commun** 1985 Jan 16; 126(1):262-8

Oxygenic photoreduction of methyl viologen and nicotinamide adenine dinucleotide phosphate without the involvement of photosystem I during plastid development. Daniell H, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1114-21

Evidence of regulation of calcium uptake by phytochrome in maize protoplasts. Das R, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1455-60

Rapid reduction by IAA of malondialdehyde levels in avena coleoptiles, a possible effect on lipid peroxidation. Dhindsa RS, et al. **Biochem Biophys Res Commun** 1984 Nov 30; 125(1):76-81

Release of Ca2+ from plant hypocotyl microsomes by inositol-1,4,5-trisphosphate. Drøbak BK, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1241-6

Conversion of N6-isopentenyladenine to zeatin by Actinidia tissues. Einset JW. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):470-4

Effect of unsaturated fatty acids on protoporphyrinogen oxidation, a step in heme and chlorophyll synthesis in plant organelles. Jacobs JM, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1157-64

EPR studies on the photosystem II donor side in salt-washed and reconstituted inside-out thylakoids. Jansson C, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):269-76

Some characteristics of Ca2+ transport in plant mitochondria. Martins IS, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):943-8

Electrostatic screening stimulates rate-limiting steps in mitochondrial electron transport. Møller IM, et al. **Biochem J** 1984 Nov 1;223(3):761-7

The effects of Triton X-100 and n-octyl beta-D-glucopyranoside on energy transfer in photosynthetic membranes. Murphy DJ, et al. **Biochem J** 1984 Dec 15;224(3):989-93

Effect of sucrose starvation on sycamore (Acer pseudoplatanus) cell carbohydrate and Pi status. Rébeillé F, et al. **Biochem J** 1985 Mar 15;226(3):679-84

Localization of chloroplastic fatty acid synthesis de novo in the stroma. Walker KA, et al. **Biochem J** 1985 Mar 1; 226(2):551-6

Electron-paramagnetic-resonance studies of photosynthesis. Evans MC, et al. **Biochem Soc Trans** 1985 Jun;13(3):585-8

Transmembrane ferricyanide reduction in carrot cells. Barr R, et al. **Biochim Biophys Acta** 1985 Jan 10;812(1):49-54

The effect of mono- and divalent salts on the rise and decay kinetics of EPR signal II in Photosystem II preparations from spinach. Boska M, et al. **Biochim Biophys Acta** 1985 Jun 26;808(1):132-9

5,6-Dichlorobenzimidazole-1-beta-D-riboside, specific inhibitor of cytokinin activity in tobacco cell suspension cultures. Aké S, et al. **Biochimie** 1985 Jan;67(1):155-60

The physical digestion of perennial ryegrass (Lolium perenne) and white clover (Trifolium repens) in the foregut of sheep. Moseley G, et al. **Br J Nutr** 1984 Sep;52(2):381-90

Influence of anionic surface-active agents on the uptake of heavy metals by water hyacinth (Eichhornia crassipes). Muramoto S, et al. **Bull Environ Contam Toxicol** 1984 Oct; 33(4):444-50

In vitro assembly of microtubules from tubulins of several higher plants. Mizuno K. **Cell Biol Int Rep** 1985 Jan; 9(1):13-21

Increased replication in plant nuclei, whose spread chromatin contains enlarged nucleosomal linkers, is only partially due to a rise in the number of DNA elongating chains. Moreno ML, et al. **Cell Biol Int Rep** 1985 May;9(5):479-89

24-h organization of glycolysis and control by photoperiodism. Pierre JN, et al. **Chronobiologia** 1985 Jan-Mar;12(1):1-9

A study of the distribution pattern of lead in the leaves of banyan trees (Ficus benghalensis) from different traffic density regions of Calcutta. Datta SC, et al. **Ecotoxicol Environ Safety** 1985 Feb;9(1):101-6

Accumulation and transport of (2,4-dichlorophenoxy)acetic acid in plant cuticles. II. Permeability of the cuticular membrane. Riederer M, et al. **Ecotoxicol Environ Safety** 1985 Apr;9(2):196-208

In vitro enhancement of the mutagenicity of 4-nitro-o-phenylenediamine by plant S-9. Gentile JM, et al. **Environ Mutagen** 1985;7(1):73-85

Isolation of proteins assembled in lipid body membranes during fat mobilization in cucumber cotyledons. Sturm A, et al. **Eur J Biochem** 1985 Aug 1;150(3):461-8

Assimilation of 3H in photosynthesizing leaves exposed to HTO. Guenot J, et al. **Health Phys** 1984 Dec;47(6):849-55

Biotic transport of radionuclides from a low-level radioactive waste site. Kennedy WE Jr, et al. **Health Phys** 1985 Jul; 49(1):11-24

The relationship between tritiated water activities in air, vegetation and soil under steady-state conditions. Murphy CE Jr. **Health Phys** 1984 Oct;47(4):635-9

The plant concentration ratio concept as applied to natural U. Sheppard MI, et al. **Health Phys** 1985 Apr;48(4):494-500

Radionuclide partitioning coefficients in soils and plants and their correlation. Sheppard MI. **Health Phys** 1985 Jul; 49(1):106-11

Persistance of antibiotics in leaves of sesamum (Sesamum indicum L.). Sapkal RT, et al. **Hindustan Antibiot Bull** 1984

Aug-Nov;26(3-4):107-8

Inactivation of rice bran thiamine-binding protein by N,N'-dicyclohexylcarbodiimide. Nishimura H, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1289-95

A link between transport and plasma membrane redox system(s) in carrot cells. Misra PC, et al. **J Bioenerg Biomembr** 1984 Apr;16(2):143-52

Specific binding of the calcium antagonist [3H]verapamil to membrane fractions from plants. Andrejauskas E, et al. **J Biol Chem** 1985 May 10;260(9):5411-4

O2-triggered changes of membrane fatty acid composition have no effect on Arrhenius discontinuities of respiration in sycamore (Acer pseudoplatanus L.) cells. Bligny R, et al. **J Biol Chem** 1985 Aug 5;260(16):9166-70

A phosphorus-31 nuclear magnetic resonance study of phosphate uptake and storage in cultured Catharanthus roseus and Daucus carota plant cells. Brodelius P, et al. **J Biol Chem** 1985 Mar 25;260(6):3556-60

Photoaffinity labeling of a viral induced protein from tobacco. Characterization of nucleotide-binding properties. Evans RK, et al. **J Biol Chem** 1985 Jun 25;260(12):7800-4

Phosphatidylinositol turnover in isolated soybean membranes stimulated by the synthetic growth hormone 2,4-dichlorophenoxyacetic acid. Morré DJ, et al. **J Biol Chem** 1984 Dec 25;259(24):15364-8

Binding of Tetrahymena dynein to axonemes of Marsilea vestita lacking the outer dynein arm. Hyams JS. **J Cell Sci** 1985 Feb;73:299-310

Plant lipid biosynthesis in 1959 and 1984. Stumpf PK. **J Lipid Res** 1984 Dec 15;25(13):1508-10

Semi-synthetic preparation of 1-O-[1'-14C]hexadecyl-2-acetyl-sn-glycero-3-phosphoc (platelet activating factor) using plant cell cultures. Weber N, et al. **J Lipid Res** 1985 Apr;26(4):495-500

Correlation of the anticholinesterase and molluscicidal activity of the latex of Euphorbia royleana on the snail Lymnaea acuminata. Singh DK, et al. **J Nat Prod** 1984 Jul-Aug;47(4):702-5

Chelation of iron in plant nutrient solutions [letter] Johnson PE, et al. **J Nutr** 1985 Feb;115(2):292-3

Transfer of gaseous iodine to Tradescantia. Nakamura Y, et al. **J Radiat Res (Tokyo)** 1984 Sep;25(3):251-9

Transfer of radionuclides through soil-plant pathway. Watabe T, et al. **J Radiat Res (Tokyo)** 1984 Dec; 25(4):274-82

Changes in DNA and in nuclear and nucleolar dry mass and area in senescing parenchyma cells of corn cob and stalk tissues. Commean VL, et al. **Mech Ageing Dev** 1985 Feb; 29(2):205-13

Biosynthesis and interconversion of sterols in plants and marine invertebrates. Goad LJ. **Methods Enzymol** 1985; 111:311-32

Enzymatic synthesis of phytoene. Jones BL, et al. **Methods Enzymol** 1985;110:209-20

Local cytoplasmic calcium gradients in living mitotic cells. Keith CH, et al. **Nature** 1985 Aug 29-Sep 4; 316(6031):848-50

Cotranscription and processing of 23S, 4.5S and 5S rRNA in chloroplasts from Zea mays. Strittmatter G, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7633-47

Radioisotopes in the study of photosynthetic carbon pathways. Bassham JA. **Radioisotopes** 1984 Dec; 33(12):891-901 (31 ref.)

[Value of in vitro plant cell and tissue cultures and their pharmaceutical applications] Leclercq J. **J Pharm Belg** 1984 Nov-Dec;39(6):401-8 (Eng. Abstr.) **(Fre)**

[Attachment of horse cecum Ciliata to plant fragments. Degradation of chloroplasts. Attachment of bacteria to cecal Ciliata] Bonhomme-Florentin A. **Reprod Nutr Dev** 1985;25(1A):127-39 (Eng. Abstr.) **(Fre)**

[Metabolism of diphenylacetylglycine in higher plants] Kolbe A, et al. **Nahrung** 1985;29(4):341-5 (Eng. Abstr.) **(Ger)**

[The metabolism of fenazox in tomato plants] Stock M, et al. **Nahrung** 1985;29(5):473-9 (Eng. Abstr.) **(Ger)**

[Metabolism of [2-14C]thymine and [2-14C]thymidine in germinating black gram (Phaseolus mungo) seeds] Kameyama Y, et al. **Radioisotopes** 1985 Apr;34(4):214-21 (Eng. Abstr.) **(Jpn)**

MICROBIOLOGY

Metabolic activity of bacteria isolated from soil, rhizosphere and mycorrhizosphere of pine (Pinus silvestris L.). Dahm H. **Acta Microbiol Pol** 1984;33(2):157-62

Generic composition and physiological and cultural properties of heterotrophic bacteria isolated from soil, rhizosphere and mycorrhizosphere of pine (Pinus silvestris L.). Dahm H. **Acta Microbiol Pol** 1984;33(2):147-56

Free amino acids production by ectomycorrhizal fungi of pine (Pinus sylvestris L.). Różycki H, et al. **Acta Microbiol Pol** 1985;34(1):59-66

Studies on the antibiosis of Streptomyces roseofulvus 210 against Bacillus mycoides infection of sugar beet. Stankiewicz M, et al. **Acta Microbiol Pol** 1984; 33(3-4):257-62

Natural variation in symbiotic nitrogen-fixing Rhizobium and Frankia spp. Lie TA, et al. **Antonie Van Leeuwenhoek** 1984; 50(5-6):489-503 (52 ref.)

Specific phases of root hair attachment in the Rhizobium trifolii-clover symbiosis. Dazzo FB, et al. **Appl Environ Microbiol** 1984 Dec;48(6):1140-50

Adsorption of tumorigenic Agrobacterium tumefaciens cells to susceptible potato tuber tissues. Pueppke SG, et al. **Can J Microbiol** 1984 Aug;30(8):1030-7

Symbiotic mutants of Rhizobium meliloti that uncouple plant from bacterial differentiation. Finan TM, et al. **Cell** 1985 Apr;40(4):869-77

Mycoplasma-like organisms (MLO), pathogens of the plant yellows diseases, as a model of coevolution between prokaryotes, insects and plants. Caudwell A. **Isr J Med Sci** 1984 Oct;20(10):1025-7

Occurrence and frequency of subgroup I-6 spiroplasma in arthropods associated with old fields in Maryland and Virginia. Hackett K, et al. **Isr J Med Sci** 1984 Oct; 20(10):1006-8

Discovery of a new plant-pathogenic spiroplasma. Saillard C, et al. **Isr J Med Sci** 1984 Oct;20(10):1013-5

Specific attachment of Agrobacterium tumefaciens to bamboo cells in suspension cultures. Douglas C, et al. **J Bacteriol** 1985 Feb;161(2):764-6

Nodules are induced on alfalfa roots by Agrobacterium tumefaciens and Rhizobium trifolii containing small segments of the Rhizobium meliloti nodulation region. Hirsch AM, et al. **J Bacteriol** 1985 Jan;161(1):223-30

Expression of Rhizobium trifolii early nodulation genes on maize and rice plants. Plazinski J, et al. **J Bacteriol** 1985 Aug;163(2):812-5

Division of peribacteroid membranes in root nodules of white clover. Robertson JG, et al. **J Cell Sci** 1984 Jul;69:147-57

Production of zearalenone, T-2 toxin, and deoxynivalenol by Fusarium spp. isolated from plant materials grown in North Carolina. Richardson KE, et al. **Mycopathologia** 1985 Jun;90(3):155-60

Binary Agrobacterium vectors for plant transformation. Bevan M. **Nucleic Acids Res** 1984 Nov 26;12(22):8711-21

RNA and capsid accumulation in cowpea protoplasts that are resistant to cowpea mosaic virus strain SB. Kiefer MC, et al. **Virology** 1984 Sep;137(2):371-81

Replication of peanut stunt virus and its associated RNA 5 in cowpea protoplasts. Linthorst HJ, et al. **Virology** 1984 Dec;139(2):317-29

Antiviral activity of natural and recombinant human leukocyte interferons in tobacco protoplasts. Rosenberg N, et al. **Virology** 1985 Jan 15;140(1):173-8

Detection of genomic-length soybean mosaic virus RNA on polyribosomes of infected soybean leaves. Vance VB, et al. **Virology** 1984 Oct 15;138(1):26-36

Ecological and epidemiological aspects of aspergilli pathogenic for man and animal in Berlin (West). Staib F. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Jul; 257(2):240-5

[Antifungal activity of higher plants. Action of 49 indigenous plants on 11 phytopathogenic fungi] Chesne C, et al. **Ann Pharm Fr** 1984;42(1):27-33 (Eng. Abstr.) **(Fre)**

[Plant hormones and microorganisms] Schrank IS, et al. **An Microbiol (Rio De J)** 1982;27:81-127 (Eng. Abstr.) **(Por)**

PARASITOLOGY

Transfer of label from 3H-glucose in Digitaria eriantha leaves to the rust fungus Puccinia digitariae Pole Evans. Rey ME, et al. **J Histochem Cytochem** 1985 Aug;33(8):809-12

Factors affecting transmission of larval winter ticks, Dermacentor albipictus (Packard), to moose, Alces alces L., in Alberta, Canada. Drew ML, et al. **J Wildl Dis** 1985 Jul;21(3):274-82

PHYSIOLOGY

A batch assay using Calcofluor fluorescence to characterize cell wall regeneration in plant protoplasts. Meadows MG. **Anal Biochem** 1984 Aug 15;141(1):38-42

The physiology and biochemistry of polyamines in plants. Slocum RD, et al. **Arch Biochem Biophys** 1984 Dec; 235(2):283-303 (202 ref.)

Lipid-phenolic radical adducts as a plausible mechanism of 'plant ageing' pigment formation. Merzlyak MN, et al. **Gen Physiol Biophys** 1984 Dec;3(6):497-505

Cytoplasmic acidosis as a determinant of flooding intolerance in plants. Roberts JK, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6029-33

Localized protons in photosynthesis of green plants? Junge W, et al. **Prog Clin Biol Res** 1934;164:139-48

Habitat selection in a clonal plant. Salzman AG. **Science** 1985 May 3;228(4699):603-4

RADIATION EFFECTS

The reversion phenomenon in irradiated fern prothalli: effects of acute or chronic anoxia and LET. Hendry JH, et al. **Radiat Environ Biophys** 1985;24(1):45-56

Tradescantia stamen hairs: a biological monitor of doses outside the neutron beam used in cancer therapy. Huczkowski J, et al. **Radiobiol Radiother (Berl)** 1985; 26(1):65-9

ULTRASTRUCTURE

Computer-aided diagnosis of plant species by chromatin ultrastructure and genome analysis. Nagl W. **Basic Appl Histochem** 1984;28(4):361-74

Factors contributing to inactivation of isolated thylakoid membranes during freezing in the presence of variable amounts of glucose and NaCl. Santarius KA, et al. **Biophys J** 1984 Aug;46(2):129-39

Vacuolation and infection thread in root nodules of soybean. Bal AK. **Cytobios** 1985;42(165):41-7

Biogenesis and cytochemistry of unspecialized peroxisomes in root cortical cells of Yucca torreyi L. Kausch AP. **Eur J Cell Biol** 1984 Jul;34(2):239-47

Heat shock induced changes of plant cell ultrastructure and autoradiographic localization of heat shock proteins. Neumann D, et al. **Eur J Cell Biol** 1984 Jul;34(2):254-64

The ultrastructure of Cynodon salt glands: secreting and nonsecreting. Oross JW, et al. **Eur J Cell Biol** 1984 Jul; 34(2):287-91

Synaptonemal complex-associated centromeres and recombination nodules in plant meiocytes prepared by an improved surface-spreading technique. Albini SM, et al. **Exp Cell Res** 1984 Dec;155(2):588-92

The relationship between genome size and synaptonemal complex length in higher plants. Anderson LK, et al. **Exp Cell Res** 1985 Feb;156(2):367-78

Chitinase-gold complex used to localize chitin ultrastructurally in tomato root cells infected by Fusarium oxysporum f. sp. radicis-lycopersici, compared with a chitin specific gold-conjugated lectin. Chamberland H, et al. **Histochem J** 1985 Mar;17(3):313-21

Use of enzyme-gold complexes for the ultrastructural localization of hemicelluloses in the plant cell wall. Ruel K, et al. **Histochemistry** 1984;81(6):573-80

G and/or C-bands in plant chromosomes? Schubert I, et al. **J Cell Sci** 1984 Oct;71:111-20

Heterokaryon identification through simultaneous fluorescence of tetramethylrhodamine isothiocyanate and fluorescein isothiocyanate labelled protoplasts. Barsby TL, et al. **Stain Technol** 1984 Jul;59(4):217-20

Banding of Allium chromosomes protected against DNase digestion by DNA-binding drugs. Loidl J. **Stain Technol** 1985 Jan;60(1):13-9

Somatic chromosome counts from leaf meristems in the tribe Triticeae. Sharma HC, et al. **Stain Technol** 1984 Jul; 59(4):197-200

PLANTS, EDIBLE

Toxicologic studies with lambs fed sugar beets grown on municipal sludge-amended soil: lowered relative hemoglobin in red blood cells and mutagens in blood and excreta. Telford JN, et al. **Am J Vet Res** 1984 Dec; 45(12):2490-4

A desmutagenic factor isolated from burdock (Arctium lappa Linne). Morita K, et al. **Mutat Res** 1984 Oct;129(1):25-31

Use of locally available plant materials for mycological media. Nzelibe FK, et al. **Mykosen** 1984 Oct;27(10):519-26

Occupational photodermatitis from parsley. Smith DM. **Practitioner** 1985 Jul;229(1405):673-5

New plants and plant products as food. Guénault B. **Proc Nutr Soc** 1985 Feb;44(1):31-5

Foraging for food. Foote PL. **Va Med** 1984 Jul;111(7):402-3

Experimental onion-induced hemolytic anemia in dogs. Harvey JW, et al. **Vet Pathol** 1985 Jul;22(4):387-92

ANALYSIS

Nutritional and metabolic response to plant inhibitors of digestive enzymes. Gallaher D, et al. **Adv Exp Med Biol** 1984;177:299-320 (116 ref.)

Genetic and carcinogenic effects of plant flavonoids: an overview. MacGregor JT. **Adv Exp Med Biol** 1984; 177:497-526 (90 ref.)

Investigation of translocation, degradation and decontamination of some pesticides in relation to residues in foodstuffs. Bažulić D, et al. **Arh Hig Rada Toksikol** 1984 Jun;35(2):173-80

Carcinogenic higher plant metabolites in the human diet in temperate countries: a review. Watson DH, et al. **Food Addit Contam** 1985 Jan-Mar;2(1):25-32

Determination of trace elements of Egyptian cane sugar (Naga Hammady factories) by neutron activation, atomic absorption spectrophotometric and inductively coupled plasma-atomic emission spectrometric analyses. Awadallah RM, et al. **Int J Environ Anal Chem** 1984;19(1):41-53

The use of various chromatographic techniques for the determination of phenylurea herbicides and their corresponding anilines in environmental samples. II. Applications. de Kok A, et al. **Int J Environ Anal Chem** 1984;18(1-2):101-23

Trace analysis of 2,4,5,TP and other acidic herbicides in wheat using multicolumn-HPLC. Ruckendorfer H, et al. **Int J Environ Anal Chem** 1984;18(1-2):87-99

The subcellular concentration of ions and elements in thin cryosections of onion root meristem cells. An electron-probe EDS study. Cameron IL, et al. **J Cell Sci** 1984 Dec;72:295-306

A mutagen precursor in Chinese cabbage, indole-3-acetonitrile, which becomes mutagenic on nitrite treatment. Wakabayashi K, et al. **Mutat Res** 1985 May-Jun; 143(1-2):17-21

Phytate content of some foods from plant origin from Vietnam and Hungary. Vinh LT, et al. **Nahrung** 1985; 29(2):161-6

Direct gas chromatographic determination of the two isomeric insecticides, aldicarb and butocarboxime and their toxic metabolites: application to residue analysis in crops and leaves. Aharonson N, et al. **Z Lebensm Unters Forsch** 1985 Feb;180(2):96-100

[Differential analysis of the binding forms of iron in various plant foodstuffs] Thiele A, et al.

Z Lebensm Unters Forsch 1985 Feb;180(2):126-31 (Eng. Abstr.) **(Ger)**

DRUG EFFECTS

Relative resistance of and delayed toxicity in undifferentiated plant cells to methyl mercury. Czuba M, et al. **Ecotoxicol Environ Safety** 1984 Dec;8(6):499-506

IMMUNOLOGY

[Sensitization to celery and mugwort pollen. The problem of the nature of allergens remains open (letter)] Pauli G, et al. **Presse Med** 1985 Jan 19;14(2):108-9 **(Fre)**

METABOLISM

Relation between structure of polyphenol oxidase and prevention of browning. Golan-Goldhirsh A, et al. **Adv Exp Med Biol** 1984;177:437-56

Morphine levels in urine subsequent to poppy seed consumption. Fritschi G, et al. **Forensic Sci Int** 1985 Feb; 27(2):111-7

Lipid biosynthesis, oxidative enzyme activities and cellular changes in growing olive fruit. Donaire JP, et al. **Rev Esp Fisiol** 1984 Jun;40(2):191-203

PHYSIOLOGY

[Role of the rhizosphere of plants in the self-purification of the soil in irrigated agricultural fields of helminth eggs] Dimidova LL. **Med Parazitol (Mosk)** 1984 Nov-Dec; (6):42-4 (Eng. Abstr.) **(Rus)**

PLANTS, MEDICINAL

see related
ALKALOIDS
MEDICINE, HERBAL
PHARMACOGNOSY

An experimental study of the inhibition effect of pang qi ju on influenza viruses. Deng RL, et al. **Acta Acad Med Wuhan** 1984;4(4):245-7

Inhibitory action of the Chinese medicinal preparation--anti-inflammatory agent No. 6--on DIC resulting from endotoxin: experimental study. Lin JS, et al. **Acta Acad Med Wuhan** 1985;5(1):23-9

Changes in oxygen consumption of the isolated heart muscle from animals treated with cardio-active drugs. Liu GD, et al. **Acta Acad Med Wuhan** 1985;5(1):20-2

Contraceptive potency of Pueraria tuberosa D.C. and its hormonal status. Prakash AO, et al. **Acta Eur Fertil** 1985 Jan-Feb;16(1):59-65

Experimental pharmacological study of three species from genus Salvia. Todorov S, et al. **Acta Physiol Pharmacol Bulg** 1984;10(2):13-20

Lack of schizontocidal activity of three herbal decoctions on Plasmodium berghei berghei in mice. Makinde JM, et al. **Afr J Med Med Sci** 1985 Mar-Jun;14(1-2):55-8

Drug plants and health care [editorial] **Am J Chin Med** 1985; 13(1-4):2-4

Structural investigation on the effects of the herbs on Clonorchis sinensis in rabbits. Rhee JK, et al. **Am J Chin Med** 1985;13(1-4):119-25

Alternations of Clonorchis sinensis EPG by administration of herbs in rabbits. Rhee JK, et al. **Am J Chin Med** 1985; 13(1-4):65-9

Antiplatelet effect of hsien-ho-t'sao (Agrimonia pilosa). Wang JP, et al. **Am J Chin Med** 1985;13(1-4):109-18

The effects of Ba-wei-wan (hachimijiogan) on plasma levels of high density lipoprotein-cholesterol and lipoperoxide in aged individuals. Yoshida H, et al. **Am J Chin Med** 1985; 13(1-4):71-6

Use of medicinal plants by ambulatory patients in Puerto Rico. Hernández L, et al. **Am J Hosp Pharm** 1984 Oct; 41(10):2060-4

Prevention of atheromatous heart disease. Agarwal OP. **Angiology** 1985 Aug;36(8):485-92

Oleander tea: herbal draught of death. Haynes BE, et al. **Ann Emerg Med** 1985 Apr;14(4):350-3

Heavy-metal herbs [letter] Zimmers T. **Ann Emerg Med** 1985 May;14(5):486-7

Bruceantin, a potent amoebicide from a plant, Brucea antidysenterica. Gillin FD, et al. **Antimicrob Agents Chemother** 1982 Aug;22(2):342-5

Psychoactive substances of the South Seas: betel, kava and pituri. Cawte J. **Aust NZ J Psychiatry** 1985 Mar;19(1):83-7

Effects of Stevia rebaudiana natural products on rat liver mitochondria. Kelmer Bracht A, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):873-82

Endothelium-dependent relaxations of rabbit isolated aorta produced by carbachol and by Ginkgo biloba extract. Delaflotte S, et al. **Biomed Biochim Acta** 1984; 43(8-9):S212-6

Aqueous extracts of onion, garlic and ginger inhibit platelet aggregation and alter arachidonic acid metabolism. Srivastava KC. **Biomed Biochim Acta** 1984;43(8-9):S335-46

The ability of thapsigargin and thapsigargicin to activate cells involved in the inflammatory response. Ali H, et al. **Br J Pharmacol** 1985 Jul;85(3):705-12

Antispasmodic effects of an alkaloid extracted from Phyllanthus sellowianus: a comparative study with papaverine. Calixto JB, et al. **Braz J Med Biol Res** 1984; 17(3-4):313-21

Inhibitors of adenosine 3',5'-cyclic monophosphate phosphodiesterase in Cassia seed. Nikaido T, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3075-8

Effect of orally administered rhubarb extract in rats with chronic renal failure. Yokozawa T, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4506-13

Effect of Salviae miltiorrhizae compound on pulmonary artery hypertension caused by chronic pulmonary thromboembolism. Zhao YF, et al. **Chin Med J [Engl]** 1984 Jul;97(7):473-8

Effect of aqueous extracts of Acanthopanax senticosus on parathion toxicity in mice. Ferguson PW, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):278-81

A double-blind controlled clinical trial of mastic and placebo in the treatment of duodenal ulcer. Al-Habbal MJ, et al. **Clin Exp Pharmacol Physiol** 1984 Sep-Oct;11(5):541-4

Clinical trial of suanzaorentang in the treatment of insomnia. Chen HC, et al. **Clin Ther** 1985;7(3):334-7

The zoapatle. VI. Revisited. Gallegos AJ. **Contraception** 1985 May;31(5):487-97 (29 ref.)

The effect of cervical dilatation by laminaria on the plasma levels of 15-keto-13,14-dihydro-PGF2 alpha. Olund A, et al. **Contraception** 1984 Jul;30(1):23-7

The value of a mixture of cassia and citronella oils for detection of hypersensitivity of essential oils. Rudzki E, et al. **Derm Beruf Umwelt** 1985;33(2):59-62

Practical therapeutics: some investigations of the toxic effects of the alkaloids extracted from Strychnos henningsii (Gilg) 'muteta'. Ogeto JO, et al. **East Afr Med J** 1984 May; 61(5):427-32

Utilisation of traditional treatment among Ethiopian diabetics. Abdulkadir J. **Ethiop Med J** 1985 Jul;23(3):117-21

Antihepatoxic constituents of Garcinia kola seeds. Iwu MM. **Experientia** 1985 May 15;41(5):699-700

Emblica officinalis reduces serum, aortic and hepatic cholesterol in rabbits. Thakur CP. **Experientia** 1985 Mar 15;41(3):423-4

The effects of dietary brussels sprouts and Schizandra chinensis on the xenobiotic-metabolizing enzymes of the rat small intestine. Salbe AD, et al. **Food Chem Toxicol** 1985 Jan;23(1):57-65

Cell growth-inhibitory effects of derivatives of antitumor cyclic hexapeptide RA-V obtained from Rubiae radix (V). Itokawa H, et al. **Gann** 1984 Oct;75(10):929-36

Effect of herb medicines for urolithiasis on urinary oxalate excretion in rats. Ogawa Y, et al. **Hinyokika Kiyo** 1983 Oct;29(10):1269-71

Screening of Indian plants for biological activity--Part XI. Aswal BS, et al. **Indian J Exp Biol** 1984 Sep;22(9):487-504

Hypoglycaemic activity of Hamiltonia suaveolens. Desai AC, et al. **Indian J Med Res** 1985 Jan;81:86-91

In vitro study of antimicrobial activity of adhatoda vasika Linn. (leaf extract) on gingival inflammation--a preliminary report. Patel VK, et al. **Indian J Med Sci** 1984 Apr;38(4):70-2

A study on the anti-diabetic activity of Coccinia indica in dogs. Singh N, et al. **Indian J Med Sci** 1985 Feb;39(2):27-9, 42

Purgative and anthelmintic effects of Mallotus philippinensis in rats against tape worm. Gupta SS, et al. **Indian J Physiol Pharmacol** 1984 Jan-Mar;28(1):63-6

Hypoglycemic and life-prolonging properties of Gymnema sylvestre leaf extract in diabetic rats. Srivastava Y, et al. **Isr J Med Sci** 1985 Jun;21(6):540-2

Topical effect of aloe with ribonucleic acid and vitamin C on adjuvant arthritis. Davis RH, et al. **J Am Podiatr Med Assoc** 1985 May;75(5):229-37

NAPRALERT: computer handling of natural product research data. Loub WD, et al. **J Chem Inf Comput Sci** 1985 May;25(2):99-103

Non-narcotic orally effective, centrally acting analgesic from an Ayurvedic drug. Atal CK, et al. **J Ethnopharmacol** 1984 Aug;11(3):309-17

A drug used in traditional medicine: Harpagophytum procumbens DC. II. Cardiovascular activity. Circosta C, et al. **J Ethnopharmacol** 1984 Aug;11(3):259-74

Screening of medicinal plants used by Huastec Mayans of northeastern Mexico. Domínguez XA, et al. **J Ethnopharmacol** 1985 May;13(2):139-56

Martinella (Bignoniaceae): a widely used eye medicine of South America. Gentry AH, et al. **J Ethnopharmacol** 1984 Aug;11(3):337-43

Medicinal plants of the Mapuche. Houghton PJ, et al. **J Ethnopharmacol** 1985 Mar;13(1):89-103

Ethnopharmacology of some Buddleja species. Houghton PJ. **J Ethnopharmacol** 1984 Aug;11(3):293-308

Kat and its use: an historical perspective. Krikorian AD. **J Ethnopharmacol** 1984 Nov;12(2):115-78

Anti-inflammatory activity of Eryngium maritimum L. rhizome extracts in intact rats. Lisciani R, et al. **J Ethnopharmacol** 1984 Dec;12(3):263-70

Justicia pectoralis: a study of the basis for its use as a hallucinogenic snuff ingredient. MacRae WD, et al. **J Ethnopharmacol** 1984 Oct;12(1):93-111

Medicinal plants used in a Totonac community of the Sierra Norte de Puebla: Tuzamapan de Galeana, Puebla, Mexico. Martinez Alfaro MA. **J Ethnopharmacol** 1984 Jul; 11(2):203-21

Stimulating actions on ribonucleic acid biosynthesis of aconitines, diterpenic alkaloids of Aconitum roots. Murayama M, et al. **J Ethnopharmacol** 1984 Oct;12(1):25-33

Antibacterial constituents in the essential oil of Cymbopogon citratus (DC.) Stapf. Onawunmi GO, et al. **J Ethnopharmacol** 1984 Dec;12(3):279-86

Preliminary study of ethnobotany in Xishuang Banna, People's Republic of China. Pei SJ. **J Ethnopharmacol** 1985 May;13(2):121-37

Screening for biological activity of different plant parts of Tabernaemontana dichotoma, known as divi kaduru in Sri Lanka. Perera P, et al. **J Ethnopharmacol** 1984 Jul; 11(2):233-41

A study of the hypoglycemic effect of some Mexican plants. Pérez RM, et al. **J Ethnopharmacol** 1984 Dec;12(3):253-62

Counter-irritant and other medicinal uses of plants in Ranunculaceae by native peoples in British Columbia and neighbouring areas. Turner NJ. **J Ethnopharmacol** 1984 Jul; 11(2):181-201 (53 ref.)

Screening of medicinal plants of Rwanda for acaricidal activity. Van Puyvelde L, et al. **J Ethnopharmacol** 1985 May;13(2):209-15

Cardiotoxicity in yellow oleander seed poisoning. Mallick BK. **J Indian Med Assoc** 1984 Aug;82(8):296-7

The Lenape contribution to New Jersey medicine. Fitzpatrick TP. **J Med Soc NJ** 1984 Sep;81(9):701-6

Treating colds and flu the Chinese way (2). Hong L. **J Okla State Med Assoc** 1984 Oct;77(10):361-5

Proceedings of the 5th Symposium on the Development and Application of Naturally Occurring Drug Materials, Hiroshima. **J Pharmacobiodyn** 1985 Mar;8(3):s50-66

Studies on the combination of Glycyrrhizae Radix in Shakuyakukanzo-To. Sugishita E, et al. **J Pharmacobiodyn** 1984 Jul;7(7):427-35

Phase I tolerability study of Yogaraj-guggulu--a popular ayurvedic drug. Antarkar DS, et al. **J Postgrad Med** 1984 Apr;30(2):111-5

Damiana. Lowry TP. **J Psychoactive Drugs** 1984 Jul-Sep; 16(3):267-8

On the comparative ethnopharmacology of malpighiaceous and myristicaceous hallucinogens. McKenna DJ, et al. **J Psychoactive Drugs** 1985 Jan-Mar;17(1):35-9

Clinical observation on the effect of Radix rosae multiflorae in reducing blood lipids. Chen YC, et al. **J Tradit Chin Med** 1984 Dec;4(4):295-6

Antagonistic effect of radix Puerariae on the ototoxicity of sodium ethocrynate. An experimental study. Dong WJ, et al. **J Tradit Chin Med** 1984 Sep;4(3):229-32

Four cases of pancreatic pseudocyst cured by nonoperative treatment. Gao JC, et al. **J Tradit Chin Med** 1984 Jun; 4(2):145-7

Treatment of bile reflux gastritis with traditional Chinese medicine. An analysis of 21 cases. Jiang YQ. **J Tradit Chin Med** 1984 Sep;4(3):233-6

Effect of '764-1' eyedrops on ultrastructure of corneal scars in rabbits. Liu JW, et al. **J Tradit Chin Med** 1985 Mar; 5(1):41-5

Clinical observation on the treatment of exfoliative cheilitis with traditional Chinese medicine. Lu YT. **J Tradit Chin Med** 1984 Dec;4(4):309-11

The use of Chinese herbs folium ilicis chinensis decoction plus eucalyptus distillate for preoperative preparation of intestinal tract. Miao TJ, et al. **J Tradit Chin Med** 1984 Jun;4(2):149-52

Clinical observation on the efficacy of 764-1 eyedrops in the treatment of corneal scars. Nie CY, et al. **J Tradit Chin Med** 1985 Mar;5(1):9-12

Effect of Yin-nourishing and blood-activating recipes on antibody formation in animals. Su XF, et al. **J Tradit Chin Med** 1984 Jun;4(2):157-60

Effects of radix Angelicae sinensis on hemorrheology in patients with acute ischemic stroke. Tu JJ. **J Tradit Chin Med** 1984 Sep;4(3):225-8

Salvaging rats with decompression sickness by injection of ginseng and Ligustrazini co. without recompression. Wang CZ, et al. **J Tradit Chin Med** 1985 Mar;5(1):65-6

Study of the action of Ganoderma lucidum on scavenging hydroxyl radicals from plasma. Wang JF, et al. **J Tradit Chin Med** 1985 Mar;5(1):55-60

Preliminary study of the effect of '764-1' eyedrops on the biochemical constituents of corneal scar in rabbits. Yang CZ, et al. **J Tradit Chin Med** 1985 Mar;5(1):47-50

The immunopotentiating effect of epemedii flavone on T-cell function in yang-deficient animal model and its relationship with cyclic nucleotides. Yang GZ, et al. **J Tradit Chin Med** 1985 Mar;5(1):51-4

Effects of Yang-promoting drugs on immunological functions of Yang-deficient animal model induced by prednisolone. Yang GZ, et al. **J Tradit Chin Med** 1984 Jun;4(2):153-6

Pharmacological significance of plants and herbs used in Islamic medicine. Akhtar MS. **JPMA** 1985 Jan;35(1):28-34

Study of anti diabetic effect of a compound medicinal plant prescription in normal and diabetic rabbits. Akhtar MS, et al. **JPMA** 1984 Aug;34(8):239-44

Effect of Melia azedarach fruits on gipsing-restraint stress-induced ulcers in rats. Hanifa Moursi SA, et al. **Jpn J Pharmacol** 1984 Dec;36(4):527-33

Effect of an extract of Ginkgo biloba on rat brain energy metabolism in hypoxia. Karcher L, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Aug; 327(1):31-5

'To see a world in a grain of sand and a heaven in a wild flower'--oleander poisoning. Mack RB. **NC Med J** 1984 Nov;45(11):729-30

Digoxin type toxicity from ingestion of Thevetia peruvila or the case of the betel nut that wasn't. Vince JD, et al. **Papua New Guinea Med J** 1984 Sep–Dec;27(3–4):167–9

The essential oil of Ducrosia anethifolia (DC.) Boiss. Chemical composition and antimicrobial activity. Janssen AM, et al. **Pharm Weekbl [Sci]** 1984 Aug 24;6(4):157–60

The toxicology of plant molluscicides. Duncan J. **Pharmacol Ther** 1985;27(2):243–64 (163 ref.)

Photoallergic contact dermatitis to rhubarb wine. Diffey BL, et al. **Photodermatol** 1984 Feb;1(1):43–4

Study of hypoglycaemic activity of Cuminum nigrum seeds in normal and alloxan diabetic rabbits. Akhtar MS, et al. **Planta Med** 1985 Apr;(2):81–5

Alkaloids of Lolium temulentum: isolation, identification and pharmacological activity. Dannhardt G, et al. **Planta Med** 1985 Jun;(3):212–4

Pharmacological studies on Linderae umbellatae Ramus, IV. Effects of condensed tannin related compound on peptic activity and stress-induced gastric lesions in mice. Ezaki N, et al. **Planta Med** 1985 Feb;(1):34–8

The effect of biological variables on the anti-ulcerogenic effect of vegetable plantain banana. Goel RK, et al. **Planta Med** 1985 Apr;(2):85–8

Coumarins from Polygala paniculata. Hamburger M, et al. **Planta Med** 1985 Jun;(3):215–7

Analgesic and antihepatotoxic actions of dianosides, triterpenoid saponins of Dianthus superbus var. longicalycinus herbs. Hikino H, et al. **Planta Med** 1984 Aug;50(4):353–5

Search for adenylate cyclase activator in medicinal plants. Kanatani H, et al. **Planta Med** 1985 Apr;(2):182–3

Studies on Scutellariae radix. IX. New component inhibiting lipid peroxidation in rat liver. Kimura Y, et al. **Planta Med** 1984 Aug;50(4):290–5

Mechanism of antihepatotoxic activity of atractylon, I: Effect on free radical generation and lipid peroxidation. Kiso Y, et al. **Planta Med** 1985 Apr;(2):97–100

Studies on the suanzaorentang in the treatment of anxiety. Chen HC, et al. **Psychopharmacology (Berlin)** 1985; 85(4):486–7

Natural plant chemicals: sources of industrial and medicinal materials. Balandrin MF, et al. **Science** 1985 Jun 7; 228(4704):1154–60 (65 ref.)

Medicinal plants [letter] Duke JA. **Science** 1985 Sep 13; 229(4718):1036, 1038

Studies of Wakan-Yakus (traditional herbal drugs): especially on the effects of Gaiyoh (Artemisiae folium) on blood coagulation. Niwa M, et al. **Thromb Res** 1985 Jun 15; 38(6):671–9

Curcuma longa (Linn) drops in corneal wound healing. Mehra KS, et al. **Tokai J Exp Clin Med** 1984 Mar; 9(1):27–31

The effect of Bixa orellana (annatto) on blood sugar levels in the anaesthetized dog. Morrison EY, et al. **West Indian Med J** 1985 Mar;34(1):38–42

[Clinical study of huang wu san on the treatment of cervical erosion] **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr; 5(4):208–10, 194 (Eng. Abstr.) **(Chi)**

[Effects of Codonopsis pilosulae-Astragalus injection on superficial activity and ultrastructure of platelets] Chai ZN. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):484–5 (Eng. Abstr.) **(Chi)**

[Effects of Codonopsis pilosular-Astragalus injection on the cyclic nucleotide levels and phosphodiesterase activity in platelets] Chai ZN. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):486–7 (Eng. Abstr.) **(Chi)**

[The effect of natural Cordyceps sinensis and its cultured mycelia on murine immuno-organs and function of the mononuclear macrophage system] Chen DM. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):42–4, 5 (Eng. Abstr.) **(Chi)**

[Hyperviscosity in cancer patients and huo xue hua yu therapy] Chen JM. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):89–91, 67 (Eng. Abstr.) **(Chi)**

[Therapeutic effect of huo xue-II injections on acute obliterative cerebrovascular diseases] Chen KJ. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):100–1, 68 (Eng. Abstr.) **(Chi)**

[Advances in the study of huo xue hua yu in Japan] Chen KJ. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):185–9, 174 (31 ref.) **(Chi)**

[Effect of Tripterygium wilfordii on the remission of proteinuria in patients with nephrotic syndrome] Chen SY. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):164–6, 132 (Eng. Abstr.) **(Chi)**

[Chronic hepatitis with positive circulating immune complexes treated by traditional Chinese medicine: analysis of 115 cases] Chen ZT. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):332–4, 323 (Eng. Abstr.) **(Chi)**

[Active principle in a capillaris compound in the treatment of experimental acute jaundice in rats] Cheng YY, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):356–60, 325 (Eng. Abstr.) **(Chi)**

[106 cases of chronic gastritis treated mainly by replenishing qi (vital energy) and reducing blood stasis] Chu H. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May;5(5):267–8, 258 (Eng. Abstr.) **(Chi)**

[Video-cholangiographic study of the effect of the Chinese medicinal herb prescription--Li dan pai shi decoction--on biliary dynamics] Deng XJ, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):338–40, 323 (Eng. Abstr.) **(Chi)**

[32 cases of chronic bronchitis treated with a mixture of Codonopsis pilosula and the feces of Trogopteri] Feng SL, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):102–4, 68–9 (Eng. Abstr.) **(Chi)**

[Clinical observations on 30 patients with chronic ulcerative colitis treated with traditional Chinese medicine and western medicine] Fu QL. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):17–9, 2 (Eng. Abstr.) **(Chi)**

[Therapeutic effect of Zhuling injection on 265 cases of psoriasis] Gao BY. **Chung Hsi I Chieh Ho Tsa Chih** 1984 May;4(5):285–7 (Eng. Abstr.) **(Chi)**

[Pharmacological studies of a Chinese medicinal herb--Carthamus tinctorius] Gao QM. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec;4(12):758–60 **(Chi)**

[Stimulant effect of Epimedium in an injection form on the growth of the chick embryo femur in vitro] Gao ZF. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):172–4, 133 (Eng. Abstr.) **(Chi)**

[Labor-inducing effect of Typha angustata in injectable form and its pharmacological properties] Geng QM. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May;5(5):299–300, 261 (Eng. Abstr.) **(Chi)**

[Experimental research of yin yang theory in traditional Chinese medicine (II): Effect of monkshood, bark of Chinese cassia tree and liu wei di huang fang on urinary aldosterone, etc. in renovascular hypertensive rats] Gu DG, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):48–50, 5 (Eng. Abstr.) **(Chi)**

[Experimental research on the yin-yang theory in traditional Chinese medicine (III). The effect of monkshood, bark of the Chinese cassia tree and liu wei di huang fang on the enkephalin of brain tissue in renovascular hypertensive rats] Gu DG, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb; 5(2):105–7, 69 (Eng. Abstr.) **(Chi)**

[Treatment of the side effects of the chemotherapy of trophoblastic tumor with traditional Chinese medicine and western medicine] Gui GF. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):202–4, 194 (Eng. Abstr.) **(Chi)**

[Effect of huo zue No. 2 injections on plasma beta-thromboglobulin in aged coronary disease patients] He YS. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct; 4(10):586–9, 578 (Eng. Abstr.) **(Chi)**

[Anticonvulsants used for controlling induced seizures during the treatment of schizophrenia with lactoni Coriariae] Hu GC. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov;4(11):675–8, 644 (Eng. Abstr.) **(Chi)**

[45 cases of latent glomerulonephritis treated with traditional Chinese medicine and western medicine] Hu QY. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):161–3, 132 (Eng. Abstr.) **(Chi)**

[Effect of 'si jun zi tang' and its constituents on phagocytosis of macrophages in the peritoneal cavity of mice] Hu ZG. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):363–5 (Eng. Abstr.) **(Chi)**

[Treatment of threatened abortion with traditional Chinese medicine--a clinical analysis of 62 cases] Huang HY. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):214–6, 195 (Eng. Abstr.) **(Chi)**

[Effect of Typha angustata on acute experimental myocardial infarction in rabbits] Huang SY, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May;5(5):297–8, 261 (Eng. Abstr.) **(Chi)**

[Animal models used to study the therapeutic effect and mechanism of Chinese herbal drugs in the treatment of psoriasis] Huang T. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jul;4(7):428–9 (Eng. Abstr.) **(Chi)**

[Recent developments in pharmacological study and clinical application of Gastrodia elata in China] Huang ZL. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):251–4 (26 ref.) **(Chi)**

[Clinical research on the hemostatic effect of rhubarb on peptic ulcer with acute bleeding] Jiao DH. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):597–600, 579 (Eng. Abstr.) **(Chi)**

[Experimental research on the yin-yang theory of traditional Chinese medicine. I. Effect of monkshood, bark of the Chinese Cassia tree and Liu wei di huang fang on arterial pressure in the experimental hypertensive rat] Kuang AK. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec;4(12):742–4 (Eng. Abstr.) **(Chi)**

[Experimental research on the yin-yang theory in traditional Chinese medicine (IV): The effect of monkshood, bark of the Chinese cassia tree and liu wei di huang fang on the myocardium of renovascular hypertensive rats] Kuang AK, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):167–8, 132 (Eng. Abstr.) **(Chi)**

[Effect of 'si jun zi tang' on nucleic acid contents of the thymus gland and T lymphocytes in the peripheral circulation] Li QL. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):366–7 (Eng. Abstr.) **(Chi)**

[Postoperative residual stones in bile ducts treated by traditional Chinese medicine and Western medicine: analysis of 89 cases] Li SZ. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):341–3, 324 (Eng. Abstr.) **(Chi)**

[Rhubarb in the treatment of viral hepatitis and its mechanism of action] Li T. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun; 5(6):383–4, 382 (20 ref.) **(Chi)**

[Effect of Rheum palmatum L. on blood rheology in normal subjects] Liang ZJ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):560–2, 517 (Eng. Abstr.) **(Chi)**

[Effect of yang tonics on the uterine estrogen receptors in the depressed hypothalamus-pituitary-adrenal cortex axis rats] Lin YY. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar; 5(3):175–7, 133 (Eng. Abstr.) **(Chi)**

[Effects of Epimedium sagittatum and Cistanche deserticola on DNA synthesis in 'Yang-insufficiency' animal model induced by hydroxyurea] Liu FC. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):488–90 (Eng. Abstr.) **(Chi)**

[Experimental study on the enhancement of the immunosuppressive effect of cortisone by wurenchun, an extract of Schizandra chinensis Baill] Long ZZ, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):361–2, 325 (Eng. Abstr.) **(Chi)**

[Application of xuejie in oral and maxillofacial surgery] Lu XX. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):626–7 **(Chi)**

[Effect of rheum on plasma cyclic-AMP and cyclic-GMP in rats with gastric stress ulcer] Lu ZS. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):622–3, 581 (Eng. Abstr.) **(Chi)**

[Protective effect of qi-xue injections on rat liver damage induced by cortisone acetate--analysis of the stereometrical quantitation of ultrastructure] Niu JZ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):618–21, 581 (Eng. Abstr.) **(Chi)**

[Long-term curative effect of 150 cases of nasopharyngeal cancer treated with fu zheng sheng jin decoction and radiotherapy] Pan MJ, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):83–5, 66 (Eng. Abstr.) **(Chi)**

[40 cases of gan xu pi yu type chronic hepatitis] Pan QM, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):350–2, 324 (Eng. Abstr.) **(Chi)**

[Effect of various herbs and acupuncture on Oddi's sphincter in the human] Qi QH. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov;4(11):662–5, 643 (Eng. Abstr.) **(Chi)**

[Determination of cyclic nucleotide and sialic acid in patients with symptoms of blood stasis and its value in assessing the therapeutic effect of drugs for activating blood circulation and removing stasis] Qin WZ. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):151–4, 131 (Eng. Abstr.) **(Chi)**

[Advances in clinical observations and experimental research on peptic ulcer treated with traditional Chinese medicine and western medicine] Shi AS. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):59–62 (39 ref.) **(Chi)**

[Experimental study of the effects of gubenpian I and II in the prevention and treatment of chronic bronchitis] Shi QD. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):238–40, 197 **(Chi)**

[Schoenlein-Henoch nephritis in children treated with by removing heat and activating blood--report of 14 cases] Shi YM, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May; 5(5):262–4, 258 (Eng. Abstr.) **(Chi)**

[Effect of Radix ophiopogonis and a small dose of magnesium sulfate on hemodynamics after myocardial infarction, arrhythmia and the extent of myocardial infarction] Shu NH. **Chung Hsi I Chieh Ho Tsa Chih** 1984 May;4(5):295–6 (Eng. Abstr.) **(Chi)**

[Treatment of nasal sinusitis with qin jie tang and changes in IgG levels] Su CZ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec;4(12):730–1 **(Chi)**

[Treatment of lung cancer with brain metastasis using an intravenous drip of a 10% emulsion of Brucea javanica seminal oil] Su SY. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):86–8, 66–7 (Eng. Abstr.) **(Chi)**

[Experimental study of the anti-inflammatory effect of matrine] Tan HR, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):108–10, 69 (Eng. Abstr.) **(Chi)**

[Treatment of endometriosis with traditional Chinese medicine] Tian YB. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):33–5, 4 (Eng. Abstr.) **(Chi)**

[Determination of serum fibrin/fibrinogen degradation products in patients with cancer and an exploration of huo xue hua yu therapy] Tie Y. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):95–6, 67 (Eng. Abstr.) **(Chi)**

[Plasma thromboxane B2 changes in severe icteric hepatitis treated by traditional Chinese medicine--dispelling the pathogenic heat from blood, promoting blood circulation and administrating large doses of radix Paeoniae--a report of 6 cases] Wang CB, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):326–8, 322 (Eng. Abstr.) **(Chi)**

[Endotoxemia in liver diseases and its treatment with combined traditional Chinese and Western medicine] Wang CB. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):379–82 (35 ref.) **(Chi)**

[Effects of Angelica sinensis on experimental myocardial infarction in dogs] Wang FL. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):357–8, 351 (Eng. Abstr.) **(Chi)**

[Clinical and experimental study on the treatment of severe subacute hepatitis with traditional Chinese medicinal compounds] Wang GS. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):329–31, 322 (Eng. Abstr.) **(Chi)**

[Effects of qi jia dan in injectable form on improving microcirculatory disorders in rabbits irradiated with gamma-rays. Determination of blood circulation time and capillary permeability by fluorescence angiography] Wang HF, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May; 5(5):295–6, 261 (Eng. Abstr.) **(Chi)**

[Effect of Chinese herbal medicine, western medicine and Chinese and western medicine combined in the treatment of peptic ulcer] Wang JC. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):20–2, 2 (Eng. Abstr.) **(Chi)**

[Effect of extracts of radix Paeoniae rubrae and its derivatives on platelet aggregation and oxidative phosphorylation of mitochondria] Wang JF. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec;4(12):745–7 (Eng. Abstr.) **(Chi)**

[34 cases of peripheral vascular disease treated with activating blood circulation and correcting stasis] Wang JY, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May; 5(5):269–270, 259 (Eng. Abstr.) **(Chi)**

[Treatment of allergic rhinitis by injecting Magnolia lilifora Desr. into the hypomucosa of the inferior turbinates] Wang TC. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec;4(12):728–9 (Eng. Abstr.) **(Chi)**

[Analysis of 38 cases of prostatic hypertrophy treated with bilateral orchiectomy and traditional Chinese medicine promoting yang for diuresis] Wang TD, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):36–8, 4 (Eng. Abstr.) **(Chi)**

[42 cases of aplastic anemia treated by traditional Chinese medicine and western medicine] Wang WJ, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May;5(5):277–9, 259 (Eng. Abstr.) **(Chi)**

[Experimental studies of the effects of huang wu san on microbial growth and viral infections] Wang YG, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):237, 197 (Eng. Abstr.) **(Chi)**

[Clinical observations on the restoration of kidney function in patients with chronic nephritis treated with 'warming kidney' therapy—an analysis of 68 cases] Wang YJ. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):158–60, 131 (Eng. Abstr.) **(Chi)**

[Effect of Ligustrazini (a new calcium antagonist?) on cardiovascular tissue: pharmacodynamic and electrophysiological studies] Wang YL, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May;5(5):291–4, 320, 260 (Eng. Abstr.) **(Chi)**

[Effects of shen mai san on the left ventricular performance in patients with deficiency of heart-vital energy in coronary heart disease] Wang YZ, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):223–5, 196 (Eng. Abstr.) **(Chi)**

[310 cases of articular rheumatism treated with feng shi han tong tablets] Wang ZM, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May;5(5):284–5, 260 (Eng. Abstr.) **(Chi)**

[A comparative study on the effect of 20 herbs activating blood circulation and decreasing blood stasis on the obstruction of experimental microcirculation] Weng WL. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):555–7, 517 (Eng. Abstr.) **(Chi)**

[Preliminary experimental study of radix Notoginseng in an injectable form on its disicterogenic and cholagogue action] Wu SM, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun; 5(6):364–5, 325 (Eng. Abstr.) **(Chi)**

[Treatment of chronic virus hepatitis with Chinese medicinal herbs—man gan ning] Wu WF. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):347–9, 324 (Eng. Abstr.) **(Chi)**

[Treatment of acute bacillary dysentery with traditional Chinese medicine and western medicine combined—analysis of 117 cases] Wu YC. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):525–7, 514 (Eng. Abstr.) **(Chi)**

[Effects of a compound prescription of blood activator and tetramethylpyrazine on the biosynthesis of thromboxane A2] Wu YS, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):169–71, 133 (Eng. Abstr.) **(Chi)**

[Recent developments in the treatment of cysticercosis by traditional Chinese medicine and western medicine] Wu ZD. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):118–20 (24 ref.) **(Chi)**

[The efficiency and mechanism of the huo xue hua yu method in treating retinal vein occlusion—observations on peripheral microcirculation] Xu JY, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):97–9, 111, 68 (Eng. Abstr.) **(Chi)**

[Preliminary study on the acute phase of cor pulmonale with main phlegm-resolving method with cold properties and determination of the treatment based on different symptom complexes—an analysis of 240 cases] Xu JZ. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):226–8, 196 (Eng. Abstr.) **(Chi)**

[Effects of Tripterygium wilfordii on rheumatoid arthritis—analysis of 165 cases] Yan BY. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May;5(5):280–3, 259 (Eng. Abstr.) **(Chi)**

[Copper excretion in 37 cases of Wilson's disease treated with 'anti-hepatolenticular degeneration decoction'] Yang RM. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):462–4 (Eng. Abstr.) **(Chi)**

[Laparoscopy in the non-operative treatment of ectopic pregnancy with traditional Chinese medicine and western medicine] Yang SM, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):211–3, 195 (Eng. Abstr.) **(Chi)**

[Exploration of various problems concerning fu zheng therapy of cancer] Yu GQ. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):77–9 **(Chi)**

[Treatment of 564 cases of wound infection with liudou leaf (Papilionaceae)] Yuan H. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):352–3 **(Chi)**

[Clinical and experimental study of Typha angustata on hyperlipoidemia] Zhang BZ. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):141–4, 130 (Eng. Abstr.) **(Chi)**

[Progress in the experimental research on the function of huo xue hua yu of Leonurus heterophyllus Sweet] Zhang CF. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):638–40 **(Chi)**

[Affective disorders treated with 'jia Wei xiao yao san' and the changes in plasma cyclic AMP] Zhang LD. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):465–6 (Eng. Abstr.) **(Chi)**

[Treatment of pemphigus with western and traditional Chinese medicine combined—a clinical analysis of 30 cases] Zhang ZL, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3).155–7, 131 (Eng. Abstr.) **(Chi)**

[Long-term treatment of chronic myeloid leukemia by Chinese medicines alternating cyclically with myleran] Zhang ZN. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb; 5(2):80–2, 66 (Eng. Abstr.) **(Chi)**

[Clinical analysis of 84 cases of glomerulonephritis treated with Tripterygium wilfordii] Zheng DH. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):604–6, 579 (Eng. Abstr.) **(Chi)**

[Antifungal activity of volatile oils in Litsea cubeba and its main constituent citral] Zhou Y. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):558–9 **(Chi)**

[Pharmacological effect of Puerarie thomsonii and its clinical use] Zhou YP. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov; 4(11):699–702 **(Chi)**

[Clinical observations on 36 cases of viral myocarditis treated with Epimedium grandiflorum Moor and vitamin C] Zhu SC. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):523–4, 514 (Eng. Abstr.) **(Chi)**

[Advances in the research on pyoderma treated by Chinese herbal drugs or combined traditional Chinese and western medicine in the last 30 years] Zhuang GK. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):634–7 **(Chi)**

[Polycystic ovarian syndrome treated with Chinese traditional medicine; analysis of 117 cases] Shi CX, et al. **Chung Hua Fu Chan Ko Tsa Chih** 1985 May;20(3):144–7, 189 (Eng. Abstr.) **(Chi)**

[Aerosol sterilization with a compound Taraxacum solution] **Chung Hua Hu Li Tsa Chih** 1984 Oct;19(5):277–8 **(Chi)**

[Clinical observations on 107 cases of acute bacillary dysentery treated with Chaenomeles lagenanid (Loisel) Kaidz] Guo CL. **Chung Hua I Hsueh Tsa Chih** 1984 Nov; 64(11):689–90 **(Chi)**

[Evaluation of the treatment of oral lichen planus by activating blood circulation and eliminating stasis] Huang YJ. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Jan; 20(1):26–8, 63 (Eng. Abstr.) **(Chi)**

[Experimental inhibition of Streptococcus mutans using honeysuckle chewing gum] Peng JJ. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Jan;20(1):54–6 **(Chi)**

[Effect of danshan and persantin on the alteration of platelet aggregation and microcirculation in diabetics] Zhu XX. **Chung Hua Nei Ko Tsa Chih** 1985 Apr;24(4):197–9, 253 (Eng. Abstr.) **(Chi)**

[Effects of total glycosides of Tripterygium wilfordii on animal reproductive organs I. Experiments of male rats] Zheng JR, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1985 Feb; 7(1):1–5 (Eng. Abstr.) **(Chi)**

[Effect of total alkaloids of Fissistigma oldhamii on cAMP and isolated hearts] Chen Q, et al. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar;6(1):48–51 (Eng. Abstr.) **(Chi)**

[Anti-arrhythmic action of total flavones of Choerospondias axillaris fructus] Li ZX, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):251–4 (Eng. Abstr.) **(Chi)**

[Anti-arrhythmic action of total flavones of Choerospondias axillaris fructus] Li ZX, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):251–4 (Eng. Abstr.) **(Chi)**

[Pharmacognostical studies on a Chinese drug, guanzhong, produced in north China] Ai TM. **Chung Yao Tung Pao** 1984 May;9(3):107–9 **(Chi)**

[The scolicidal action of bing-lang and other Chinese medicines against Echinococcus granulosus protoscoleces for screening in vitro] Chen QM. **Chung Yao Tung Pao** 1984 Jul;9(4):178–81 **(Chi)**

[On the duration and degree of processing of Chinese drugs by heat] Cui XY. **Chung Yao Tung Pao** 1985 Jan;10(1):19–21 **(Chi)**

[Experimental studies on the processing methods of radix Euphorbiae kansui] Dai RX. **Chung Yao Tung Pao** 1984 May;9(3):114–6 **(Chi)**

[Theoretical study of anti-infective effects of antipyretic, blood-activating and circulation stimulating preparations] Deng WL. **Chung Yao Tung Pao** 1985 Feb;10(2):85–9 **(Chi)**

[The mechanism of the analgesic action of the alkaloid of Aristolochia kwangsiensis] Hong GX. **Chung Yao Tung Pao** 1985 Jan;10(1):38–41 **(Chi)**

[Changes in the botanical names in the Pharmacopeia of the People's Republic of China (1977 revision) Part I] Huang XC. **Chung Yao Tung Pao** 1985 Jan;10(1):12–3 **(Chi)**

[Effects of Chinese rhubarb and processed rhubarb on experimental gastric ulcer in the rat] Jiang WJ. **Chung Yao Tung Pao** 1985 Feb;10(2):65–7 **(Chi)**

[Botanical origin of the Chinese drug lu-xian-cao] Lin Q. **Chung Yao Tung Pao** 1984 Jul;9(4):156–7 **(Chi)**

[Effect of pH on hemolytic activity and stability of Astragalus membranaceus injection] Shao YS. **Chung Yao Tung Pao** 1984 May;9(3):122–3 **(Chi)**

[Effect of several Chinese drugs on platelet aggregation in the rabbit] Song JN. **Chung Yao Tung Pao** 1984 Jul; 9(4):182–4 **(Chi)**

[Time factors in the quality of Chinese drugs] Sun HW. **Chung Yao Tung Pao** 1984 May;9(3):111–3 **(Chi)**

[The compatible precipitation of Chinese drugs] Sun QM. **Chung Yao Tung Pao** 1985 Jan;10(1):26–30 **(Chi)**

[The combination of tannins with vitamin B1] Sun QM. **Chung Yao Tung Pao** 1985 Feb;10(2):70–3 **(Chi)**

[Mildew of tortoise-plastron gelatin and 3 other Chinese medicinal herbs] Xu XS. **Chung Yao Tung Pao** 1984 Jul; 9(4):164–7 **(Chi)**

[Comparison of the effects of a single dose with the continuous administration of some traditional Chinese drugs on the myocardial uptake of 86Rb in mice] Zhang BH. **Chung Yao Tung Pao** 1985 Feb;10(2):90–2 **(Chi)**

[HPLC and TLC-densitometry determination of alkaloidal constituents in Sophora flavescens and Sophora lopecuroides] Cui JF, et al. **Yao Hsueh Hsueh Pao** 1985 Jan;20(1):59–66 (Eng. Abstr.) **(Chi)**

[Pharmacological and clinical studies of Thevetia neriifolia] Gao SJ. **Yao Hsueh Hsueh Pao** 1983 Nov;18(11):875–8 **(Chi)**

[Studies on the chemical constituents of Rubia schumanniana Pritz] Liu YL, et al. **Yao Hsueh Hsueh Pao** 1985 Jan; 20(1):53–8 (Eng. Abstr.) **(Chi)**

[Studies on the medicinal plants of Magnoliaceae. II. Botanical origins and resource utilization of a Chinese drug 'hou pu'] Song WZ, et al. **Yao Hsueh Hsueh Pao** 1984 Mar;19(3):213–9 (Eng. Abstr.) **(Chi)**

[Studies on the antiasthmatic action of ligustilide of dang-gui, Angelica sinensis (Oliv.) Diels] Tao JY, et al. **Yao Hsueh Hsueh Pao** 1984 Aug;19(8):561–5 (Eng. Abstr.) **(Chi)**

[The pregnancy terminating effect and toxicity of an active constituent of Aristolochia mollissima Hance, aristolochic acid A] Wang WH, et al. **Yao Hsueh Hsueh Pao** 1984 Jun; 19(6):405–9 (Eng. Abstr.) **(Chi)**

[The anticonvulsant action of 3-n-butylphthalide (Ag-1) and 3-n-butyl-4, 5-dihydrophthalide (Ag-2)] Yu SR, et al. **Yao Hsueh Hsueh Pao** 1984 Aug;19(8):566–70 (Eng. Abstr.) **(Chi)**

[Minor constituents of qing dai, a traditional Chinese medicine. I. Isolation, structural determination and synthesis of tryptanthrin and qingdainone] Zou JC, et al. **Yao Hsueh Hsueh Pao** 1985 Jan;20(1):45–51 (Eng. Abstr.) **(Chi)**

[Results of pharmcoethnographic research in the Champa national group of Southern Vietnam] Sita F. **Cas Lek Cesk** 1984 Jul 27;123(30):939–40 **(Cze)**

[Herbal medicine compared with a placebo in adjuvant treatment of patients after radical operation for squamous cell carcinoma of the lung] Osterlind K, et al. **Ugeskr Laeger** 1985 Jan 14;147(3):156–60 (Eng. Abstr.) **(Dan)**

[Medicinal plants in developing countries] De Schaepdryver A. **Ann Soc Belg Med Trop** 1985 Jun;65(2):117–20 **(Fre)**

[Inhibition of poliovirus replication by an extract of Matricaria chamomilla (L)] Vilaginès P, et al. **C R Acad Sci [III]** 1985;301(6):289–94 (Eng. Abstr.) **(Fre)**

[General pharmacologic inventory of Rwandese medicinal plants] Chagnon M. **J Ethnopharmacol** 1984 Dec; 12(3):239–51 (Eng. Abstr.) **(Fre)**

[Sweet balm—still capable of surprises] Dorner WG. **Pharm Unserer Zeit** 1985 Jul;14(4):112–21 **(Ger)**

[Ayahuasca—liana of the spirits] Eigner D, et al. **Pharm Unserer Zeit** 1985 May;14(3):65–76 **(Ger)**

[Rhubarb, an old drug—but still current] Engelshowe R. **Pharm Unserer Zeit** 1985 Mar;14(2):40–9 **(Ger)**

[Use of plant-protective agents in the cultivation of medicinal plants] Franz C. **Pharm Unserer Zeit** 1984 Nov; 13(6):161–71 **(Ger)**

[Aloe, a succulent plant with therapeutic action] Lutomski J. **Pharm Unserer Zeit** 1984 Nov;13(6):172–6 **(Ger)**

[In vitro phagocytosis stimulation by isolated plant materials in a chemoluminescence-phagocytosis model] Wagner H, et al. **Planta Med** 1985 Apr;(2):139–44 (Eng. Abstr.) **(Ger)**

[Nature, chemistry and modern medicine (editorial)] Meyer UA. **Schweiz Med Wochenschr** 1985 Jun 1;115(22):750–1 **(Ger)**

[Effects of the Tibetan herbal preparation Padma 28 in intermittent claudication] Schräder R, et al. **Schweiz Med Wochenschr** 1985 Jun 1;115(22):752-6 (Eng. Abstr.) **(Ger)**

[Results of a double-blind study on the effectiveness of ERU (extractum radicis Urticae) capsules in conservative treatment of benign prostatic hyperplasia] Vontobel HP, et al. **Urologe [Ausg A]** 1985 Jan;24(1):49-51 (Eng. Abstr.) **(Ger)**

[Undesirable and toxic side effects of medicinal plants] Fossati C, et al. **Clin Ter** 1985 Feb 15;112(3):249-59 (Eng. Abstr.) **(Ita)**

[Asthmatic children and Chinese medicine. Scientific study of shoseiryuto and saibokuto] Umesato Y, et al. **Arerugi** 1984 Dec;33(12):1047-52 (Eng. Abstr.) **(Jpn)**

[List of plants: Wakayama Experiment Station of Medicinal Plants] Horikoshi T, et al. **Eisei Shikenjo Hokoku** 1984;(102):150-7 **(Jpn)**

[Clinical effects of goshajinkigan for male infertility] Takayama H, et al. **Hinyokika Kiyo** 1984 Nov;30(11):1685-9 (Eng. Abstr.) **(Jpn)**

[Conservative treatment of benign prostatic hypertrophy--clinical effects of increased administration of Hachimijiogan and the relation between these effects and the 'Sho' of Chinese medicine] Yachiku S, et al. **Hinyokika Kiyo** 1985 Mar;31(3):545-51 (Eng. Abstr.) **(Jpn)**

[Herbal medicines therapy of anovulation] Kobayashi T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May;37(5):808-13 **(Jpn)**

[Pharmacological studies on schizandra fruits. III. Effects of wuweizisu C, a lignan component of schizandra fruits, on experimental liver injuries in rats] Takeda S, et al. **Nippon Yakurigaku Zasshi** 1985 Mar;85(3):193-208 (Eng. Abstr.) **(Jpn)**

[Antihepatotoxic activity of crude drugs] Hikino H. **Yakugaku Zasshi** 1985 Feb;105(2):109-18 (37 ref.) (Eng. Abstr.) **(Jpn)**

[Pharmacological studies on saiko-prescriptions. IV. Effect of shosaiko-to on swelling of rat hind paws induced by carrageenin] Kato M, et al. **Yakugaku Zasshi** 1984 May;104(5):509-15 (Eng. Abstr.) **(Jpn)**

[Pharmacological studies on saiko-prescriptions. V. Mechanisms of actions of shosaiko-to on swelling of rat hind paws induced by carrageenin] Kato M, et al. **Yakugaku Zasshi** 1984 May;104(5):516-23 (Eng. Abstr.) **(Jpn)**

[Pharmacological studies on saiko-prescriptions. VI. Effect of shosaiko-to on liver injury induced by D-galactosamine in rats] Kato M, et al. **Yakugaku Zasshi** 1984 Jul;104(7):798-804 (Eng. Abstr.) **(Jpn)**

[Studies on moutan cortex. IX. On the phagocytosis activity of the mouse reticuloendothelial system. (1)] Kubo M, et al. **Yakugaku Zasshi** 1985 Jan;105(1):26-32 (Eng. Abstr.) **(Jpn)**

[Effect of Panax notoginseng on experimental disseminated intravascular coagulation (DIC)] Kubo M, et al. **Yakugaku Zasshi** 1984 Jul;104(7):757-62 (Eng. Abstr.) **(Jpn)**

[Pharmacological effects of the powder from Curucuma zedoaria Roscoe on the gastrointestinal tract of experimental animals] Maeda H, et al. **Yakugaku Zasshi** 1984 Jun;104(6):640-3 (Eng. Abstr.) **(Jpn)**

[Crystal forms of cianidanol] Miyata T, et al. **Yakugaku Zasshi** 1985 Jan;105(1):59-64 (Eng. Abstr.) **(Jpn)**

[Choleretic activity of Artemisia plants] Okuno I, et al. **Yakugaku Zasshi** 1984 Apr;104(4):384-9 (Eng. Abstr.) **(Jpn)**

[Pharmacological analysis of the traditional Chinese prescription 'goreisan-ryo'] Tanaka S, et al. **Yakugaku Zasshi** 1984 Jun;104(6):601-6 (Eng. Abstr.) **(Jpn)**

[Determination of saikosaponins in Chinese medicinal extracts containing Bupleuri radix] Yamaji A, et al. **Yakugaku Zasshi** 1984 Jul;104(7):812-5 (Eng. Abstr.) **(Jpn)**

[Effect of spilanthol (extracted from jambu) on the electrical activity of the rabbit heart. The experimental electrocardiogram] Herdy GV, et al. **Arq Bras Cardiol** 1984 Nov;43(5):315-20 (Eng. Abstr.) **(Por)**

[Effect of Bryonia cucurbitacins on the biosynthesis of eicosanoids in human leukocytes] Panosian AG. **Bioorg Khim** 1985 Feb;11(2):264-9 (Eng. Abstr.) **(Rus)**

[Mechanism of adaptogenic effect of Eleutherococcus on the human body during thermal stress] Novozhilov GN, et al. **Fiziol Cheloveka** 1985 Mar-Apr;11(2):303-6 **(Rus)**

[Stimulating effects of eleuterococcus and Chinese schizandra used for prevention of visual fatigue during work connected with color discrimination] Sosnova TL, et al. **Gig Sanit** 1984 Dec;(12):7-9 (Eng. Abstr.) **(Rus)**

[Efficacy of tissue therapy in vascular pathology of the organ of vision] Semenova GS, et al. **Oftalmol Zh** 1984;(6):347-50 (Eng. Abstr.) **(Rus)**

[Perspectives in the use of products of processing ether oil-yielding plants for the treatment of chronic dermatoses] Rodin IuA, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):42-4 (Eng. Abstr.) **(Rus)**

[Treatment with plants in otorhinolaryngology] Ovchinnikov IuM, et al. **Vestn Otorinolaringol** 1985 May-Jun;(3):88-91 (63 ref.) **(Rus)**

[Biological effects of camomile] Lind PO, et al. **Lakartidningen** 1984 Dec 19;81(51):4846-9 **(Swe)**

ANALYSIS

Antidiarrhoeal properties of Dorstenia drakena L. Kyerematen G, et al. **Acta Pharm Suec** 1985;22(1):31-6

The cardiac glycosides of Thevetia ovata A.DC. and Thevetia nereifolia Juss. ex Stend. Kyerematen G, et al. **Acta Pharm Suec** 1985;22(1):37-44

Search for new alkaloids in Pachycereus weberi by tandem mass spectrometry. Roush RA, et al. **Anal Chem** 1985 Jan;57(1):109-14

Steroidal glycosides of Tamus communis. Aquino R, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2229-35

Sterols from Equisetum arvense. D'Agostino M, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2241-5

Studies on the constituents of Xanthoceras sorbifolia Bunge. II. Major sapogenol and a prosapogenin from the fruits of Xanthoceras sorbifolia Bunge. Chen YJ, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3378-83

The absolute stereostructure of curcumol isolated from Curcuma wenyujin. Inayama S, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3783-6

Inhibitors of angiotensin-converting enzyme in crude drugs. II. Inokuchi J, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):264-9

Fluorophotometry of barbaloin in Aloe. Ishii Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Dec;32(12):4946-50

Studies on antitumor cyclic hexapeptides RA obtained from Rubiae Radix, Rubiaceae. III. On derivatives of RA-V and their in vivo activities. Itokawa H, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3216-26

Studies on the mutagenicity of swertiae herba. II. Quantitative analysis of mutagenic components by thin layer chromatograph densitometry. Kanamori H, et al. **Chem Pharm Bull (Tokyo)** 1984 Dec;32(12):4942-5

Studies on the constituents of medicinal and related plants in Sri Lanka. II. Isolation and structures of new gamma-pyrone and related compounds from Hypericum mysorense Heyne. Kikuchi T, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):557-64

Studies on the activities of tannins and related compounds from medicinal plants and drugs. VI. Inhibitory effects of caffeoylquinic acids on histamine release from rat peritoneal mast cells. Kimura Y, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):690-6

Components of Cnidium officinale Makino: occurrence of pregnenolone, coniferyl ferulate, and hydroxyphthalides. Kobayashi M, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3770-3

Studies on the constituents of leguminous plants. VI. The structure elucidations of monoterpene glycosides from fruits of Gymnocladus chinensis Baillon. Konoshima T, et al. **Chem Pharm Bull (Tokyo)** 1984 Jul;32(7):2617-21

Studies on antihemorrhagic substances in herbs classified as hemostatics in Chinese medicine. III. On the antihemorrhagic principle in Sanguisorba officinallis L. Kosuge T, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4478-81

Studies on antihemorrhagic substances in herbs classified as hemostatics in Chinese medicine. V. On antihemorrhagic principle in Biota orientalis (L.) Endl. Kosuge T, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):206-9

Studies on antihemorrhagic substances in herbs classified as hemostatics in Chinese medicine. IV. On antihemorrhagic principles in Hypericum erectum Thunb. Kosuge T, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):202-5

Studies on Scutellariae radix. VII. Anti-arthritic and anti-inflammatory actions of methanolic extract and flavonoid components from Scutellariae radix. Kubo M, et al. **Chem Pharm Bull (Tokyo)** 1984 Jul;32(7):2724-9

(1R,5R,8S,9S)-Deoxyloganic acid from Nepeta cataria. Murai F, et al. **Chem Pharm Bull (Tokyo)** 1984 Jul;32(7):2809-14

Inhibition of adenosine 3',5'-cyclic monophosphate phosphodiesterase by phenolic constituents of mulberry tree. Nikaido T, et al. **Chem Pharm Bull (Tokyo)** 1984 Dec;32(12):4929-34

Guavin B, an ellagitannin of novel type. Okuda T, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3787-8

New methods for identification of Alismatis rhizoma by means of electrophoresis, paper partition chromatography, and thin-layer chromatography. Tomoda M, et al. **Chem Pharm Bull (Tokyo)** 1984 Jul;32(7):2845-7

The alkaloidal constituents of Goda-manel (Crinum zeylanicum L.), a Sri Lankan folk medicine. Tsuda Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3023-7

Lignans from bark of Fraxinus mandshurica var. japonica and F. japonica. Tsukamoto H, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4482-9

Lignans from bark of the Olea plants. I. Tsukamoto H, et al. **Chem Pharm Bull (Tokyo)** 1984 Jul;32(7):2730-5

The zoapatle. VIII. Ultrastructural changes in endometrium of rats. González Angulo A, et al. **Contraception** 1985 May;31(5):509-21

The zoapatle. XI. Effects elicited by Montanoa tomentosa and Montanoa frutescens on rat uterine strips. Perusquia M, et al. **Contraception** 1985 May;31(5):543-51

Thiarubrine A, a bioactive constituent of Aspilia (Asteraceae) consumed by wild chimpanzees. Rodriguez E, et al. **Experientia** 1985 Mar 15;41(3):419-20

Effect of aloe lectin on deoxyribonucleic acid synthesis in baby hamster kidney cells. Yagi A, et al. **Experientia** 1985 May 15;41(5):669-71

Diterpenoids of Rabdosia species. Fujita E, et al. **Fortschr Chem Org Naturst** 1984;46:77-157 (151 ref.)

Purification, characterization and sequence determination of a double-headed trypsin inhibitor peptide from Trichosanthes kirilowii (a Chinese medical herb). Tan FL, et al. **Hoppe Seylers Z Physiol Chem** 1984 Oct;365(10):1211-7

Difference spectrophotometric estimation of santonin. Habib AA, et al. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):939-41

High-performance liquid chromatography of oleanane saponins. Domon B, et al. **J Chromatogr** 1984 Dec 19;315:441-6

Quantitative determination of biologically active constituents in crude extracts of medicinal plants by thin-layer chromatography-densitometry. II. Eleutherococcus senticosus Maxim., Panax ginseng Meyer and Picrorrhiza kurroa Royle. Vanhaelen M, et al. **J Chromatogr** 1984 Nov 16;312:497-503

Thin-layer chromatographic screening procedure for undeclared synthetic drugs in Chinese herbal preparations. Yuen S, et al. **J Chromatogr** 1985 Jul 5;329(1):107-12

Pharmacological aspects of selected herbs employed in Hispanic folk medicine in the San Luis Valley of Colorado, USA: I. Ligusticum porteri (osha) and Matricaria chamomilla (manzanilla). Appelt GD. **J Ethnopharmacol** 1985 Mar;13(1):51-5

Medicinal plants: an approach to the study of naturally occurring drugs. Capasso F. **J Ethnopharmacol** 1985 Mar;13(1):111-4

Phytochemical screening of Tanzanian medicinal plants. I. Chhabra SC, et al. **J Ethnopharmacol** 1984 Jul;11(2):157-79

Antihepatotoxic actions of papyriogenins and papyriosides, triterpenoids of Tetrapanax papyriferum leaves. Hikino H, et al. **J Ethnopharmacol** 1984 Nov;12(2):231-5

Mangiferin from the root bark of Salacia reticulata. Karunanayake EH, et al. **J Ethnopharmacol** 1985 May;13(2):227-8

Monoamine oxidase inhibitors in South American hallucinogenic plants Part 2: Constituents of orally-active Myristicaceous hallucinogens. McKenna DJ, et al. **J Ethnopharmacol** 1984 Nov;12(2):179-211

Chemical bases for medicinal plant use in Oaxaca, Mexico. Ortiz de Montellano BR, et al. **J Ethnopharmacol** 1985 Mar;13(1):57-88

Experimental anti-ulcer activity of Veronica officinalis L. extracts. Scarlat M, et al. **J Ethnopharmacol** 1985 May;13(2):157-63

Studies on Indian medicinal plants, 78. Chemical investigation of Malvaviscus conzattii. Achari B, et al. **J Nat Prod** 1984 Jul-Aug;47(4):751

Studies on cytotoxic constituents in pericarps of Mallotus japonicus, Part I. Arisawa M, et al. **J Nat Prod** 1985 May-Jun;48(3):455-9

Isolation and structural studies on the alkaloids in flowers of Catharanthus roseus. Atta-ur-Rahman, et al. **J Nat Prod** 1984 May-Jun;47(3):554-5

Isolation of apparicine from the leaves of Ervatamia coronaria. Atta-ur-Rahman, et al. **J Nat Prod** 1984 Sep-Oct;47(5):900

Isoscutellarein-7-O-[allosyl (1----2) glucoside] from Sideritis leucantha. Barberan FA, et al. **J Nat Prod** 1985 Jan-Feb;48(1):28-32

Cinnamic acid esters from Meum athamanticum. Barron D, et al. **J Nat Prod** 1984 Jul-Aug;47(4):737-8

Cucurbitacin B and isocucurbitacin B: cytotoxic components of Helicteres isora. Bean MF, et al. **J Nat Prod** 1985 May-Jun;48(3):500

2-Hydroxyacetophenone: principal root volatile of the East African medicinal plant, Carissa edulis. Bentley MD, et al. **J Nat Prod** 1984 Nov-Dec;47(6):1056-7

Chemical constituents of Crotalaria madurensis. Bhakuni DS, et al. **J Nat Prod** 1984 Jul-Aug;47(4):585-91

Native American food and medicinal plants, 5. Isolation of the lipid altering visnagin from Musineon divaricatum. Cardellina JH 2d, et al. **J Nat Prod** 1984 Nov-Dec;47(6):1060

New constituents of Prunus africana bark extract. Catalano S, et al. **J Nat Prod** 1984 Sep-Oct;47(5):910

High-field 1H-NMR spectral analysis of some cucurbitacins. Che CT, et al. **J Nat Prod** 1985 May-Jun;48(3):429-34

Rollinone, a new cytotoxic acetogenin from Rollinia papilionella. Dabrah TT, et al. **J Nat Prod** 1984 Jul-Aug;47(4):652-7

Constituents of Helenium amarum, IV. Desacetyl-1-epiisotenulin. ElSohly Ma, et al. **J Nat Prod** 1984 May-Jun;47(3):533-5

Phytochemical investigations of plants of the genus Aristolochia, 1. Isolation and NMR spectral characterization of eupomatenoid derivatives. Enriquez RG, et al. **J Nat Prod** 1984 Sep-Oct;47(5):896-9

Terpenoids from Viguiera potosina. Gao F, et al. **J Nat Prod** 1985 May-Jun;48(3):489-90

Flavonoids from Brickellia glutinosa. Goodwin RS, et al. **J Nat Prod** 1984 Jul-Aug;47(4):711-4

Nirurin: a new prenylated flavanone glycoside from Phyllanthus niruri. Gupta DR, et al. **J Nat Prod** 1984 Nov-Dec;47(6):958-63

A new diterpene from Cupressus goveniana var. abramasiana: 5 beta-hydroxy-6-oxasugiol (cupresol). Jolad SD, et al. **J Nat Prod** 1984 Nov-Dec;47(6):983-7

Occurrence of gerrardine in Cassipourea guianensis. Kato A, et al. **J Nat Prod** 1984 Jul-Aug;47(4):706-7

Isolation of artemisinin (qinghaosu) from Artemisia annua growing in the United States. Klayman DL, et al. **J Nat Prod** 1984 Jul-Aug;47(4):715-7

Alkaloids from Lindera strychnifolia. Kozuka M, et al. **J Nat Prod** 1984 Nov-Dec;47(6):1063

Antitumor agents, 65. Brusatol and cleomiscosin-A, antileukemic principles from Brucea javanica. Lee KH, et al. **J Nat Prod** 1984 May-Jun;47(3):550-1

Essential oils of some Amazonian zingiberaceae, 3. Genera Alpinia and Rengalmia. Luz AI, et al. **J Nat Prod** 1984 Sep-Oct;47(5):907-8

Flavonoids and alkaloids from Strychnos pseudoquina. Nicoletti M, et al. **J Nat Prod** 1984 Nov-Dec;47(6):953-7

Antineoplastic agents, 105. Zephyranthes grandiflora. Pettit GR, et al. **J Nat Prod** 1984 Nov-Dec;47(6):1018-20

Cell growth inhibitory glycosides from Asclepias amplexicaulis. Piatak DM, et al. **J Nat Prod** 1985 May-Jun; 48(3):470-1

Constituents of Erysimum inconspicuum. Two sulfur-containing lactone compounds. Piatak DM, et al. **J Nat Prod** 1985 May-Jun;48(3):424-8

Daphnane diterpenes from Diarthron vesiculosum: vesiculosin and isovesiculosin. Powell RG, et al. **J Nat Prod** 1985 Jan-Feb;48(1):102-7

Constituents of Jasminum azoricum. Ross SA, et al. **J Nat Prod** 1984 Jul-Aug;47(4):736-7

The phenyl- and biphenyl-quinolizidines of in-vitro-grown Heimia salicifolia. Rother A. **J Nat Prod** 1985 Jan-Feb; 48(1):33-41

Furanocoumarins from Maquira calophylla. Rovinski JM, et al. **J Nat Prod** 1984 May-Jun;47(3):557

Withaphysalin D, a new withaphysalin from Physalis minima Linn. var. indica. Sahai M, et al. **J Nat Prod** 1984 May-Jun; 47(3):527-9

Chemical constituents of Lythospermum fruticosum. Seoane E, et al. **J Nat Prod** 1984 Jul-Aug;47(4):744-5

Flavonol glycosides from Dryas octopetala. Servettaz O, et al. **J Nat Prod** 1984 Sep-Oct;47(5):809-14

Na+-K+-ATPase inhibitors from Lysimachia japonica. Shoji N, et al. **J Nat Prod** 1984 May-Jun;47(3):530-2

Nummularogenin, a new spirostane from Zizyphus nummularia. Srivastava SK. **J Nat Prod** 1984 Sep-Oct; 47(5):781-3

Neoisostegane, a new bisbenzocyclooctadiene lignan lactone from Steganotaenia araliacea. Taafrout M, et al. **J Nat Prod** 1984 Jul-Aug;47(4):600-6

Constituents of the essential oil of Blepharocalyx tweediei. Talenti EC, et al. **J Nat Prod** 1984 Sep-Oct;47(5):905-6

Terpenoids of Hyptis emoryi. Tanowitz BD, et al. **J Nat Prod** 1984 Jul-Aug;47(4):739-40

Terpenoids of Monardella hypoleuca. Tanowitz BD, et al. **J Nat Prod** 1984 Jul-Aug;47(4):738-9

A fluorometric assay of trans-cinnamaldehyde in cinnamon. Tsai SY, et al. **J Nat Prod** 1984 May-Jun;47(3):536-8

Antineoplastic and piscicidal 1-alkyldaphnane orthoesters from Pimelea species. Tyler MI, et al. **J Nat Prod** 1985 May-Jun;48(3):440-5

Antimicrobially active alkaloids from Tabernaemontana chippii. Van Beek TA, et al. **J Nat Prod** 1985 May-Jun; 48(3):400-23

Five coumarins and a carbazole alkaloid from the root bark of Clausena harmandiana. Wangboonskul JD, et al. **J Nat Prod** 1984 Nov-Dec;47(6):1058-9

Isolation of a new monoterpene conjugated triterpenoid from the stem bark of Albizzia julibrissin. Woo WS, et al. **J Nat Prod** 1984 May-Jun;47(3):547-9

Phytochemical and biological screening of Saudi medicinal plants, Part 6. Isolation of 2 alpha-hydroxyalantolactone the antileukemic principle of Francoeuria crispa. Al-Yahya MA, et al. **J Nat Prod** 1984 Nov-Dec;47(6):1013-7

The active principles of the branchlet and hook of Uncaria sinensis Oliv. examined with a 5-hydroxytryptamine receptor binding assay. Kanatani H, et al. **J Pharm Pharmacol** 1985 Jun;37(6):401-4

Pharmacological studies on ginger. I. Pharmacological actions of pungent constitutents, (6)-gingerol and (6)-shogaol. Suekawa M, et al. **J Pharmacobiodyn** 1984 Nov;7(11):836-48

Calcium antagonist-like actions of coumarins isolated from 'Qian-Hu' on anaphylactic mediator release from mast cell induced by concanavalin A. Suzuki T, et al. **J Pharmacobiodyn** 1985 Apr;8(4):257-63

The mutagenicities of seven coumarin derivatives and a furan derivative (nimbolide) isolated from three medicinal plants. Uwaifo AO. **J Toxicol Environ Health** 1984;13(4-6):521-30

Studies on pharmacological action of saponin of the root of Anemone raddeana. Wang BX, et al. **J Tradit Chin Med** 1985 Mar;5(1):61-4

Pharmacological evaluation of aqueous root extract of Selayak Hitam: lack of oxytocic activity. Gan EK, et al. **Med J Malaysia** 1984 Mar;39(1):42-7

Pharmacological evaluation of aqueous root extract of Selayak Hitam: teratogenic and possible abortifacient effect. Razak DA, et al. **Med J Malaysia** 1984 Mar;39(1):48-51

Studies on polysaccharides from Angelica acutiloba--IV. Characterization of an anti-complementary arabinogalactan from the roots of Angelica acutiloba Kitagawa. Yamada H, et al. **Mol Immunol** 1985 Mar; 22(3):295-304

Essential oil of Psiadia arabica Jaub. et Spach. Mekkawi AG, et al. **Pharmazie** 1984 Jun;39(6):419-20

Constituents of Conyza aegyptiaca L. Metwally MA, et al. **Pharmazie** 1984 Aug;39(8):575-6

2-Acylindole alkaloids from leaves of Pterotaberna inconspicua. Bakana P, et al. **Planta Med** 1984 Aug; 50(4):331-4

6,7-Dehydroroyleanone, a diterpenoid quinone from Salvia moorcraftiana. Bakshi B, et al. **Planta Med** 1984 Aug; 50(4):355-6

Alkaloids from Annonaceae; LV. Chemistry and pharmacology of Cymbopetalum brasiliense. Cavé A, et al. **Planta Med** 1984 Dec;50(6):517-9

Isolation of (-)-epicatechin from Pterocarpus marsupium and its pharmacological actions. Chakravarthy BK, et al. **Planta Med** 1985 Feb;(1):56-9

Quinoline alkaloids from Anthocephalus chinensis. Handa SS, et al. **Planta Med** 1984 Aug;50(4):358

Isolation and hypoglycemic activity of moran A, a glycoprotein of Morus alba root barks. Hikino H, et al. **Planta Med** 1985 Apr;(2):159-60

Studies on antitumour cyclic hexapeptides RA obtained from Rubiae radix, Rubiaceae (IV): Quantitative determination of RA-VII and RA-V in commercial Rubiae radix and collected plants. Itokawa H, et al. **Planta Med** 1984 Aug; 50(4):313-6

Studies on scutellariae radix; XIII. Effects of various flavonoids on arachidonate metabolism in leukocytes. Kimura Y, et al. **Planta Med** 1985 Apr;(2).132-6

Isolation and hypoglycemic activity of aconitans A, B, C and D, glycans of Aconitum carmichaeli roots. Konno C, et al. **Planta Med** 1985 Apr;(2):160-1

Isolation and hypoglycemic activity of atractans A, B and C, glycans of Atractylodes japonica rhizomes. Konno C, et al. **Planta Med** 1985 Apr;(2):102-3

Isolation and hypoglycemic activity of ephedrans A, B, C, D and E, glycans of Ephedra distachya herbs. Konno C, et al. **Planta Med** 1985 Apr;(2):162-3

Isolation and hypoglycemic activity of lithospermans A, B and C, glycans of Lithospermum erythrorhizon roots. Konno C, et al. **Planta Med** 1985 Apr;(2):157-8

A new monoterpene glycoside of Paeonia lactiflora. Lang HY, et al. **Planta Med** 1984 Dec;50(6):501-4

Active principles of the Euphorbiaceae. VII. Milliamines H and I, peptide esters of 20-deoxy-5 epsilon-hydroxyphorbol from Euphorbia milii. Marston A, et al. **Planta Med** 1984 Aug;50(4):319-22

Phytoecdysteroids of Diploclisia glaucescens seed. Miller RW, et al. **Planta Med** 1985 Feb;(1):40-2

Saponins from Anemone rivularis. Mizutani K, et al. **Planta Med** 1984 Aug;50(4):327-31

Saponins from Chinese medicinal plants. (I). Isolation and structures of hemslosides. Nie RL, et al. **Planta Med** 1984 Aug;50(4):322-7

Composition of essential oil of Ocimum kilimandscharicum grown in Rwanda. Ntezurubanza L, et al. **Planta Med** 1984 Oct;50(5):385-8

Pharmacological trials of crude extract of Passiflora alata. Oga S, et al. **Planta Med** 1984 Aug;50(4):303-6

New guaianolides from Centaurea kandavanensis. Rustaiyan A, et al. **Planta Med** 1984 Aug;50(4):362

Constituents of Michelia champaca and Lewis acid catalysed transformations of parthenolide into guaianolides. Sethi VK, et al. **Planta Med** 1984 Aug;50(4):364

Effect of Aloe extract on peripheral phagocytosis in adult bronchial asthma. Shida T, et al. **Planta Med** 1985 Jun; (3):273-5

Isolation and hypoglycemic activity of anemarans A, B, C and D, glycans of Anemarrhena asphodeloides rhizomes. Takahashi M, et al. **Planta Med** 1985 Apr;(2):100-2

Hypolaetin-8-O-glucoside, an anti-inflammatory flavonoid from Sideritis mugronensis. Villar A, et al. **Planta Med** 1985 Feb;(1):70

Isolation and structure determination of daigremontianin, a novel bufadienolide from Kalanchoe daigremontiana. Wagner H, et al. **Planta Med** 1985 Apr;(2):169-70

Purification and chemical properties of anti-complementary polysaccharide from the leaves of Artemisia princeps. Yamada H, et al. **Planta Med** 1985 Apr;(2):121-5

Comparative pharmacological study of sparteine and its ketonic derivative lupanine from seeds of Lupinus albus. Yovo K, et al. **Planta Med** 1984 Oct;50(5):420-4

HPLC determination of caffeine and theophylline in Paullinia cupana Kunth (guarana) and Cola spp. samples. Belliardo F, et al. **Z Lebensm Unters Forsch** 1985 May;180(5):398-401

Studies on curcumin and curcuminoids. VI. Kinetics of curcumin degradation in aqueous solution. Tønnesen HH, et al. **Z Lebensm Unters Forsch** 1985 May;180(5):402-4

[Study on the biologically active constituents of Astragalus membranaceus] Hou YD. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jul;4(7):420-4 (Eng. Abstr.) **(Chi)**

[Zinc, copper and iron contents and their clinical significance in 40 kinds of Chinese traditional menses-regulating drugs] Liu XZ, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr; 5(4):235-6, 197 (Eng. Abstr.) **(Chi)**

[Study on the chemical composition and pharmacological effect of Ligusticum wallichii Franch] Ma YJ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):574-6 **(Chi)**

[Determination of residual trichloronitromethane in the air and in Chinese drugs] Shen LF. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 May; 18(3):176-7 **(Chi)**

[Separation and determination of alkaloids of Leonurus sibiricus] Luo SR. **Chung Yao Tung Pao** 1985 Jan;10(1):32-5 **(Chi)**

[GC/MS analysis of volatile oils from Chinese Asarum species. II. Asarum sieboldii form. seoulense, A. forbesii, A. inflatum, A. magnificum var. dinghugense and A. caudigerum var. cardiophyllum] Pan JG. **Chung Yao Tung Pao** 1984 Jul;9(4):175-7 **(Chi)**

[Quantitative determination of total alkaloids and aconitine in the root of Aconitum carmichaeli and Aconitum kusnezoffii] Sun WJ. **Chung Yao Tung Pao** 1984 May; 9(3):125-7 **(Chi)**

[The medicinal portion of leaves of the purple perilla available on the market and the quantitative determination of its volatile oil content] Wang HY. **Chung Yao Tung Pao** 1984 Jul;9(4):157-8 **(Chi)**

[Preliminary study of the fluoride content of some traditional Chinese drugs] Wei WH. **Chung Yao Tung Pao** 1985 Feb; 10(2):62-4 **(Chi)**

[The chemical constituents of Artemisia species (III). Isolation and identification of the lipophilic constituents from Artemisia argyi] Wu CM. **Chung Yao Tung Pao** 1985 Jan;10(1):31-2 **(Chi)**

[Constituents of Sichuan astragalus] Xiao R. **Chung Yao Tung Pao** 1984 Nov;9(6):30-1 **(Chi)**

[Preparation of santalol by centrifugal-thin layer chromatographic method] Yu B. **Chung Yao Tung Pao** 1984 May;9(3):128-30 **(Chi)**

[Studies on the chemical constituents of Chinese traditional drug gui-zhi of Cinnamomum cassia] Yuan YX. **Chung Yao Tung Pao** 1984 May;9(3):127-8 **(Chi)**

[Active constituents of Leontopodium leontopodioides] Zhao QC. **Chung Yao Tung Pao** 1984 Nov;9(6):31-2 **(Chi)**

[Studies on the ion pair extraction--spectrophotometric method for quantitative determination of aconite alkaloids] Xiong TQ, et al. **Ssu Chuan I Hsueh Yuan Hsueh Pao** 1985 Mar;16(1):24-8 (Eng. Abstr.) **(Chi)**

[New diterpenoids of Rabdosia macrocalyx: the structure of macrocalin A and macrocalin B] Cheng PY, et al. **Yao Hsueh Hsueh Pao** 1984 Aug;19(8):593-8 (Eng. Abstr.) **(Chi)**

[Studies on the chemical constituents of Menispermum dauricum DC.] Hou CY, et al. **Yao Hsueh Hsueh Pao** 1984 Jun;19(6):471-2 (Eng. Abstr.) **(Chi)**

[Studies on the Chemical constituents of Menispermum dauricum DC] Hou CY, et al. **Yao Hsueh Hsueh Pao** 1985 Feb;20(2):112-7 (Eng. Abstr.) **(Chi)**

[Isolation and structural determination of 8-hydroxy damnacanthol-omega-ethyl ether from the root Damnacanthus subspinosus Hand-Mazz] Li GW, et al. **Yao Hsueh Hsueh Pao** 1984 Sep;19(9):681-5 (Eng. Abstr.) **(Chi)**

[Studies on the diterpenoids of Rabdosia rosthornii (Diels) Hara] Li GY, et al. **Yao Hsueh Hsueh Pao** 1984 Aug; 19(8):590-2 (Eng. Abstr.) **(Chi)**

[Steroidal sapogenins from mildewed Dioscorea collettii Hook. f.] Liu CL, et al. **Yao Hsueh Hsueh Pao** 1985 Feb; 20(2):143-5 (Eng. Abstr.) **(Chi)**

[Isolation and structure of neo-gambogic acid from Gamboge (Garcinia hanburryi)] Lu GB, et al. **Yao Hsueh Hsueh Pao** 1984 Aug;19(8):636-9 (Eng. Abstr.) **(Chi)**

[A new triterpene glucoside of Ilex hainanensis Merr.] Min ZD, et al. **Yao Hsueh Hsueh Pao** 1984 Sep;19(9):691-6 (Eng. Abstr.) **(Chi)**

[Chemical constituents of Zanthoxylum podocarpum Hemsl.] Ren LJ, et al. **Yao Hsueh Hsueh Pao** 1984 Apr;19(4):268-73 (Eng. Abstr.) **(Chi)**

[Studies on the diterpenoids from Rabdosia angustifolia] Sun HD, et al. **Yao Hsueh Hsueh Pao** 1984 Aug;19(8):633-5 (Eng. Abstr.) **(Chi)**

[Studies on the alkaloids of Aconitum duclouxii Levl and their chemical structures] Wang CY, et al. **Yao Hsueh Hsueh Pao** 1984 Jun;19(6):445-9 (Eng. Abstr.) **(Chi)**

[Studies on the active constituents of Filifolium sibiricum (L) Kitam] Wang D. **Yao Hsueh Hsueh Pao** 1984 Jun; 19(6):441-4 (Eng. Abstr.) **(Chi)**

[Structure and stereochemistry of maoyancaosu (M-SU)] Wang DX, et al. **Yao Hsueh Hsueh Pao** 1984 Apr; 19(4):261-7 (Eng. Abstr.) **(Chi)**

[Studies on chemical constituents of pingpeimu (Fritilaria ussuriensis Maxim). II. Isolation and identification of pingpeimine glucoside] Xu DM, et al. **Yao Hsueh Hsueh Pao** 1983 Nov;18(11):868-70 (Eng. Abstr.) **(Chi)**

[Determination of diosgenin in Dioscorea] Xu LX, et al. **Yao Hsueh Hsueh Pao** 1984 Feb;19(2):141-5 (Eng. Abstr.) **(Chi)**

[The structures of four minor diterpenequinones przewaquinones C, D, E and F from the root of Salvia przewalskii Maxim var mandarinorum (Diels) Stib.] Yang BJ, et al. **Yao Hsueh Hsueh Pao** 1984 Apr;19(4):274-81 (Eng. Abstr.) **(Chi)**

[Studies on the medicinal plants of Chinese Zingiberaceae. IV. The structure of stahlianthusone] Yu JG, et al. **Yao Hsueh Hsueh Pao** 1983 Nov;18(11):839-42 (Eng. Abstr.) **(Chi)**

[Lignans and alkaloids of Hernandia ovigera L. var. mascarenensis Meissn] Chalandre MC, et al. **Ann Pharm Fr** 1984;42(4):317-21 (Eng. Abstr.) **(Fre)**

[Comparison between 3 different methods for the evaluation of Helianthemum squamatum L. (Pers.) (Cistaceae) flavonols] Villar A, et al. **Ann Pharm Fr** 1984;42(4):349-51 (Eng. Abstr.) **(Fre)**

[The constituents of the Chinese drug 'ti-ku-'pi'. I. Isolation and constitution of lyciumamide, a new dipeptide] Noguchi M, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3584-7 (Eng. Abstr.) **(Ger)**

[A new peptide alkaloid from Discaria febrifuga Mart] Herzog R, et al. **Hoppe Seylers Z Physiol Chem** 1984 Nov; 365(11):1351-4 (Eng. Abstr.) **(Ger)**

[Pyrrolizidine alkaloids in medicinal plants of Boraginaceal: Borago officinalis L. and Pulmonaria officinalis L.] Lüthy J, et al. **Pharm Acta Helv** 1984;59(9-10):242-6 (Eng. Abstr.) **(Ger)**

[Antiphlogistic and analgesic effects of leiocarposide, a phenolic bisglucoside of Solidago virgaurea L.] Metzner J, et al. **Pharmazie** 1984 Dec;39(12):869-70 **(Ger)**

[Spasmolytic effect of isoasaron free calamus] Keller K, et al. **Planta Med** 1985 Feb;(1):6-9 (Eng. Abstr.) **(Ger)**

[Molecular pharmacological investigation of medicinal plant substances. II. Inhibition of acetylcholinesterase by monoterpene derivatives in vitro] Gracza L. **Z Naturforsch** [C] 1985 Mar-Apr;40(3-4):151-3 (Eng. Abstr.) **(Ger)**

[Gas chromatographic retention behavior of substances of plant origin. I. Retention indices of the main components of lavender and lavender oils] Nyiredy S, et al. **Acta Pharm Hung** 1985 Mar;55(2):49-58 (Eng. Abstr.) **(Hun)**

[Chemical composition and biological properties of Erythraea centaurium Rafn.] Aquino R, et al. **Boll Soc Ital Biol Sper** 1985 Feb 28;61(2):165-9 (Eng. Abstr.) **(Ita)**

[Sterols in Stevia rebaudiana Bertoni] D'Agostino M, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2237-40 (Eng. Abstr.) **(Ita)**

[Studies on the cultivation of medicinal plants (XIII). Growth, yield and quality of Aconitum chinense Sieb. et Zucc. in southern and northern Hokkaido] Horikoshi T, et al. **Eisei Shikenjo Hokoku** 1984;(102):120-3 (Eng. Abstr.) **(Jpn)**

[Studies on the constituents of medicinal plants in Hokkaido. II. On the whole herb of Frasera tetrapetala Pall. (2)] Agata I, et al. **Yakugaku Zasshi** 1984 Apr;104(4):418-21 (Eng. Abstr.) **(Jpn)**

[Studies on the chemical constituents of rutaceous plants. LIX. The chemical constituents of Xanthoxylum nitidum (Roxb.) D.C. (Fagara nitida Roxb.) (1) Examination of the alkaloidal fraction of the bark] Ishii H, et al. **Yakugaku Zasshi** 1984 Oct;104(10):1030-42 (Eng. Abstr.) **(Jpn)**

[Determination of microgram amounts of heavy metals in organic substance by X-ray fluorescence spectrometry: application to the determination of heavy metal contents in crude drugs] Kan M, et al. **Yakugaku Zasshi** 1984 Jun; 104(6):624-30 (Eng. Abstr.) **(Jpn)**

[Interaction in the antibacterial activity of flavonoids from Sophora japonica L. to Propionibacterium] Kimura M, et al. **Yakugaku Zasshi** 1984 Apr;104(4):340-6 (Eng. Abstr.) **(Jpn)**

[Chemical studies on crude drug processing. II. Aconiti tuber (1). On the constituents of 'chuan-wu', the dried tuber of Aconitum carmichaeli Debx] Kitagawa I, et al. **Yakugaku Zasshi** 1984 Aug;104(8):848-57 (Eng. Abstr.) **(Jpn)**

[Chemical studies on crude drug processing. IV. Aconiti tuber (3). Quantitative determination of aconitine alkaloids in aconiti tuber by means of high performance liquid chromatography] Kitagawa I, et al. **Yakugaku Zasshi** 1984 Aug;104(8):867-72 (Eng. Abstr.) **(Jpn)**

[Chemical studies on crude drug processing. III. Aconiti tuber (2). On the constituents of 'pao-fuzi', the processed tuber of Aconitum carmichaeli Debx, and biological activities of lipo-alkaloids] Kitagawa I, et al. **Yakugaku Zasshi** 1984 Aug;104(8):858-66 (Eng. Abstr.) **(Jpn)**

[Studies on active substances of the herbs used for oketsu, blood coagulation, in Chinese medicine. I. On anticoagulant activities of the herbs used for oketsu] Kosuge T, et al. **Yakugaku Zasshi** 1984 Oct;104(10):1050-3 (Eng. Abstr.) **(Jpn)**

[Sappanchalcone from Caesalpinia sappan L., the proposed biosynthetic precursor of brazilin] Nagai M, et al. **Yakugaku Zasshi** 1984 Sep;104(9):935-8 (Eng. Abstr.) **(Jpn)**

[Quantitative determination of gallotannin in Paeoniae Radix] Nishizawa M, et al. **Yakugaku Zasshi** 1984 Dec; 104(12):1244-50 (Eng. Abstr.) **(Jpn)**

[On the source and evaluation of benzoin] Nitta A, et al. **Yakugaku Zasshi** 1984 Jun;104(6):592-600 (Eng. Abstr.) **(Jpn)**

[Studies on the constituents of Scutellaria species. VI. On the flavonoid constituents of the root of Scutellaria baicalensis Georgi (5). Quantitative analysis of flavonoids in Scutellaria roots by high-performance liquid chromatography] Tomimori T, et al. **Yakugaku Zasshi** 1985 Feb;105(2):148-55 (Eng. Abstr.) **(Jpn)**

[Studies on the constituents of Scutellaria species. IV. On the flavonoid constituents of the root of Scutellaria baicalensis Georgi (4)] Tomimori T, et al. **Yakugaku Zasshi** 1984 May;104(5):529-34 (Eng. Abstr.) **(Jpn)**

[Studies on the constituents of Scutellaria species. III. On the flavonoid constituents of the root of Scutellaria baicalensis Georgi (3)] Tomimori T, et al. **Yakugaku Zasshi** 1984 May;104(5):524-8 (Eng. Abstr.) **(Jpn)**

[Screening test for calcium antagonists in natural products and the active principles of Cnidii monnieri] Yamahara J, et al. **Yakugaku Zasshi** 1985 May;105(5):449-58 (Eng. Abstr.) **(Jpn)**

[Cultivation and preliminary phytochemical analysis of Phytolacca sp.] Ekiert H, et al. **Acta Pol Pharm** 1984; 41(5):581-3 **(Pol)**

[Identification of chemical components of Melittis melissophyllum L.] Swiatek L, et al. **Ann Univ Mariae Curie Sklodowska [Med]** 1982;37:163-70 (Eng. Abstr.) **(Pol)**

ANATOMY & HISTOLOGY

A drug used in traditional medicine. Harpagophytum procumbens DC. I. Scanning electron microscope observations. Ragusa S, et al. **J Ethnopharmacol** 1984 Aug; 11(3):245-57

[Microscopic features for the identification of Chinese drugs in Ranunculaceus] Chen JH. **Chung Yao Tung Pao** 1985 Jan;10(1):15-7 **(Chi)**

[Regional substitutes of Chinese drugs in northwest China] Yue CX. **Chung Yao Tung Pao** 1985 Jan;10(1):13-5 **(Chi)**

[Investigation on the botanical origin of the Chinese traditional drug xu-duan] Ai TM, et al. **Yao Hsueh Hsueh Pao** 1984 Apr;19(4):288-95 (Eng. Abstr.) **(Chi)**

[Morphology, anatomy and chemical constituents of five species of Clinopodium] Dai JR, et al. **Yao Hsueh Hsueh Pao** 1984 Jun;19(6):425-30 (Eng. Abstr.) **(Chi)**

[A new medicinal plant of the genus Pinellia L.] Hu SL. **Yao Hsueh Hsueh Pao** 1984 Sep;19(9):712-4 (Eng. Abstr.) **(Chi)**

[Studies on the identification of the Chinese drug xin yi, the flower-buds of the Magnolia] Tong YY, et al. **Yao Hsueh Hsueh Pao** 1985 Jan;20(1):22-32 (Eng. Abstr.) **(Chi)**

CLASSIFICATION

Ethnomedicinal plants of Jaunsar-Bawar hills, Uttar Pradesh, India. Jain SP, et al. **J Ethnopharmacol** 1984 Nov; 12(2):213-22

Medico-ethno botany of Mount Abu, Rajasthan, India. Sebastian MK, et al. **J Ethnopharmacol** 1984 Nov; 12(2):223-30

[Application of the breeding of the medicinal ginger family to the systematization and study of Chinese materia medica] Li ZW. **Chung Yao Tung Pao** 1985 Jan;10(1):3-6 **(Chi)**

CYTOLOGY

[Pharmacognostical identification of Flemingia philippinensis] Chen SW. **Chung Yao Tung Pao** 1984 May; 9(3):109-11 **(Chi)**

[Pharmacognosy study of the Chinese herb drugs bai-jie-teng and hin-bu-huan] Feng YX. **Chung Yao Tung Pao** 1984 Nov;9(6):11-4 **(Chi)**

[The determination of the microscopic constant and physicochemical identification of the leaves of a species of da-qing] Liu TS. **Chung Yao Tung Pao** 1984 Jul; 9(4):159-60 **(Chi)**

[Pharmacognostical study on eighteen medicinal species in genus Stephania] Feng YX, et al. **Yao Hsueh Hsueh Pao** 1983 Nov;18(11):849-61 (Eng. Abstr.) **(Chi)**

[A general survey of morphological and histological characters of the Chinese medicinal aconite root] Tong YY, et al. **Yao Hsueh Hsueh Pao** 1984 Sep;19(9):701-5 (Eng. Abstr.) **(Chi)**

DRUG EFFECTS

[Experimental study of hibitane as an agent for the disinfection of Chinese drugs] Chen JQ. **Chung Yao Tung Pao** 1985 Feb;10(2):68-9 **(Chi)**

ENZYMOLOGY

Metabolism of monoterpenes: oxidation of isopiperitenol to isopiperitenone, and subsequent isomerization to piperitenone by soluble enzyme preparations from peppermint (Mentha piperita) leaves. Kjonaas RB, et al. **Arch Biochem Biophys** 1985 Apr;238(1):49-60

GROWTH & DEVELOPMENT

[Pruning and trimming of Zhiqiao tree] Ding XF. **Chung Yao Tung Pao** 1984 May;9(3):104-6 **(Chi)**

[Cultivation technics for Codonopsis pilosula] Ge YX. **Chung Yao Tung Pao** 1984 Nov;9(6):7-8 **(Chi)**

[Effect of plant growth regulator on Coptis chinensis] Lu YW. **Chung Yao Tung Pao** 1984 May;9(3):103-4 **(Chi)**

[The medicinal herb of Gui-zhou--Blumla balsmifena] Wang YP. **Chung Yao Tung Pao** 1985 Feb;10(2):57-8 **(Chi)**

[Seasons for collecting Chinese drugs] Zhou LL. **Chung Yao Tung Pao** 1984 Jul;9(4):150-2 **(Chi)**

[Studies on the cultivation of medicinal plants (XIV). Growth, yield and quality on the transplanting pattern of Aconitum chinense Sieb. et Zucc.] Horikoshi T, et al. **Eisei Shikenjo Hokoku** 1984;(102):123-6 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

[The sensitizing capacity of composite plants. VII. Experimental studies with extracts and compounds of Chamomilla recutita (L.) Rauschert and Anthemis cotula L.] Hausen BM, et al. **Planta Med** 1984 Jun;50(3):229-34 (Eng. Abstr.) **(Ger)**

METABOLISM

Rosmarinic acid production and growth characteristics of Anchusa officinalis cell suspension cultures. De-Eknamkul W, et al. **Planta Med** 1984 Aug;50(4):346-50

RADIATION EFFECTS

[Preparation of herbaria and medicinal plants using a microwave oven] Allorge L, et al. **Ann Pharm Fr** 1984; 42(4):313-5 (Eng. Abstr.) **(Fre)**

PLANTS, TOXIC

Effect of repeated locoweed feeding on peripheral lymphocytic function and plasma proteins in sheep. Sharma RP, et al. **Am J Vet Res** 1984 Oct;45(10):2090-3

Evaluating exposures to plants. Kunkel DB, et al. **Clin Lab Med** 1984 Sep;4(3):603-14 (44 ref.)

Common toxic plant ingestions. Geehr E. **Emerg Med Clin North Am** 1984 Aug;2(3):553-62

Investigations on Dieffenbachia amoena Gentil. I: Endocrine effects and contraceptive activity. Costa de Pasquale R, et al. **J Ethnopharmacol** 1984 Dec;12(3):293-303

An ethnopharmacological examination of Virola elongata bark: a South American arrow poison. MacRae WD, et al. **J Ethnopharmacol** 1984 Oct;12(1):75-92

Induction of tolerance to urushiol by epicutaneous application of this hapten on dinitrofluorobenzene-treated skin. Hanau D, et al. **J Invest Dermatol** 1985 Jul;85(1):9-11

Plants that poison in Uruguay. Pronczuk de Garbino J, et al. **J Toxicol Clin Toxicol** 1984 Jul;22(1):95-102

Keats, Socrates and fool's parsley--water hemlock poisoning. Mack RB. **NC Med J** 1985 Mar;46(3):163-4

Further physiopathological features of experimental Homeria glauca (Wood & Evans) N.E.Br. poisoning in Merino sheep. Button C, et al. **Onderstepoort J Vet Res** 1984 Jun; 51(2):95-6

Phytophotodermatitis. Kavli G, et al. **Photodermatol** 1984 Apr;1(2):65-75 (38 ref.)

Eye injury from plant sap of Pedilanthus tithymaloides Poit. Lim TK, et al. **Singapore Med J** 1984 Dec;25(6):412-9

Hemlock poisoning in piglets [letter] Markham K. **Vet Rec** 1985 Jan 5;116(1):27

Rhododendron poisoning in sheep [letter] Shannon D. **Vet Rec** 1985 Apr 20;116(16):451

Intoxication in cattle, chicks and hamsters from seed of the palo santo tree (Bulnesia sarmientii). Williams MC, et al. **Vet Rec** 1984 Dec 22-29;115(25-26):646-8

[Studies on alkaloids isolated from Jiangyou fu zi (Aconitum carmichaeli Debx)] Wang JZ, et al. **Yao Hsueh Hsueh Pao** 1985 Jan;20(1):71-73 (Eng. Abstr.) **(Chi)**

[Dermatitis due to cowparsnip (Heracleum giganteum)] Pátková V. **Cesk Pediatr** 1984 Feb;39(2):118-9 **(Cze)**

[Eye injuries may be due to the potted plant Dieffenbachia] Ottosen CO, et al. **Ugeskr Laeger** 1984 Dec 10; 146(50):3927-8 (Eng. Abstr.) **(Dan)**

[Dermatitis caused by the manchineel tree] Guillet G, et al. **Ann Dermatol Venereol** 1985;112(1):51-6 (Eng. Abstr.) **(Fre)**

[Toxicity of sneezing powders. II. Experience of the Belgian Poison Control Center] Mostin M, et al. **J Pharm Belg** 1984 Nov-Dec;39(6):380-2 **(Fre)**

[Euphorbiae keratoconjunctivitis] Rössler G. **Klin Monatsbl Augenheilkd** 1985 May;186(5):380-1 (Eng. Abstr.) **(Ger)**

[Pollen hypersensitivity in skin diseases] Rudzki E. **Pol Tyg Lek** 1985 Mar 25-31;40(12-13):389-91 (13 ref.) **(Pol)**

[Toxic plant poisoning among children] Abdukaeva NS. **Pediatriia** 1984 Aug;(8):54-5 **(Rus)**

ANALYSIS

A toxic thionin from Pyrularia pubera: purification, properties, and amino acid sequence. Vernon LP, et al. **Arch Biochem Biophys** 1985 Apr;238(1):18-29

Locoweed-induced neuronal storage disease characterized by meganeurite formation. Walkley SU, et al. **Brain Res** 1984 Dec 17;324(1):145-50

Solid-state fluorodensitometric quantitation of arylnaphthalene lignan lactones of Cleistanthus collinus. Annapoorani KS, et al. **J Chromatogr** 1984 Oct 26; 303(1):296-305

Antimitotic activity of strychnopentamine, a bisindolic alkaloid. Tits M, et al. **J Ethnopharmacol** 1984 Dec; 12(3):287-92

On the active principles of the spurge family, X. Skin irritants, cocarcinogens, and cryptic cocarcinogens from the latex of the manchineel tree. Adolf W, et al. **J Nat Prod** 1984 May-Jun;47(3):482-96

Atractyloside, toxic compound from Wedelia glauca.

Schteingart CD, et al. **J Nat Prod** 1984 Nov-Dec; 47(6):1046-7

Isolation of an active glucoside in bracken fern, Pteridium aquilinum. Saito T, et al. **J Toxicol Sci** 1984 Aug; 9(3):253-62

Genotoxicity of ptaquiloside, a bracken carcinogen, in the hepatocyte primary culture/DNA-repair test. Mori H, et al. **Mutat Res** 1985 May-Jun;143(1-2):75-8

Preparation and properties of a crude extract toxic to guinea-pigs from Pachystigma pygmaeum, a plant causing heart failure in ruminants. Verschoor JA, et al. **Onderstepoort J Vet Res** 1984 Dec;51(4):245-8

Spectrofluorodensitometric determination of diphyllin, a cystostatic lignan isolated from Cleistanthus collinus. Annapoorani KS, et al. **Pharmazie** 1984 Oct;39(10):716-7

Poisonous plants contaminating edible ones and toxic substances in plant foods. Part 3. Pyrrolizidine alkaloids from Heliotropium digynum Forssk. (= H. luteum, Poir.). Hammouda FM, et al. **Pharmazie** 1984 Oct;39(10):703-5

High pressure liquid chromatographic separation of furocoumarins in Heracleum laciniatum. Kavli G, et al. **Photodermatol** 1984 Apr;1(2):85-6

Bracken toxicology: identification of some water soluble compounds from crozier and rhizome. Evans IA, et al. **Res Vet Sci** 1984 Nov;37(3):261-5

Some cytotoxic effects of mixtures of simplexin and huratoxin obtained from the desert rice flower, Pimelea simplex. McClure TJ, et al. **Toxicon** 1984;22(5):775-82

[Determination of poisonous seeds in cereals] Wang SC. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Sep; 18(5):268-70 (Eng. Abstr.) **(Chi)**

GENETICS

Ricin-like plant toxins are evolutionarily related to single-chain ribosome-inhibiting proteins from Phytolacca. Ready M, et al. **J Biol Chem** 1984 Dec 25;259(24):15252-6

ULTRASTRUCTURE

A study of raphide microstructure in relation to irritation. Sakai WS, et al. **Scan Electron Microsc** 1984;(Pt 2):979-86

PLAQUE ASSAY

Effect of dexamethasone on the mean plaque size of bovine herpesvirus 1. Curvers V, et al. **Ann Rech Vet** 1985; 16(1):80-5

Isolation of large and small plaque variants of the Autographa californica nuclear polyhedrosis virus. Brief report. Roberts PL. **Arch Virol** 1985;85(1-2):123-8

The effect of cadmium chloride on the immune response in mice. Blakley BR. **Can J Comp Med** 1985 Jan;49(1):104-8

Quantitative analysis of AIDS-related virus-carrying cells by plaque-forming assay using an HTLV-I-positive MT-4 cell line. Harada S, et al. **Gann** 1985 Jun;76(6):432-5

[Enhanced formation of plaque in RNA phages/bacteria systems under the effect of surface-active preparations] Menzel G. **J Basic Microbiol** 1985;25(1):43-9 (Eng. Abstr.) **(Ger)**

METHODS

Influence of adsorption time, rocking, and soluble proteins on the plaque assay of monodispersed poliovirus. Richards GP, et al. **Appl Environ Microbiol** 1985 Apr;49(4):744-8

A filter immuno-plaque assay for the detection of antibody-secreting cells in vitro. Möller SA, et al. **J Immunol Methods** 1985 May 23;79(2):195-204

A focus assay method for Japanese encephalitis virus using complement and anti-virus serum. Kimura-Kuroda J, et al. **Microbiol Immunol** 1985;29(1):55-63

Development of a new cell system for the infectivity assay of dengue viruses: plaque formation and virus growth of prototype and wild-type dengue virus strains in a newly established cell line, GK. Nawa M. **Microbiol Immunol** 1984;28(7):765-76

Plaque morphology is altered by the label of inorganic components of the cell culture medium. Botiş S, et al. **Virologie** 1985 Jan-Mar;36(1):57-8

Influence of some organic additives to the culture medium on the size of poliovirus-induced plaques. Botiş S, et al. **Virologie** 1985 Jan-Mar;36(1):59-61

VETERINARY

Reverse plaque formation method for titration of non-cytopathogenic bovine viral diarrhea-mucosal disease virus. Itoh O, et al. **Natl Inst Anim Health Q (Tokyo)** 1983 Spring;23(1):27-31

A study of serologic relationships among non-cytopathogenic strains of bovine viral diarrhea-mucosal disease virus by reverse plaque technique. Itoh O, et al. **Nippon Juigaku Zasshi** 1984 Oct; 46(5):669-75

PLAQUE THERAPY, RADIOISOTOPE see **BRACHYTHERAPY**

PLASMA

Thrombotic thrombocytopenic purpura syndrome in systemic lupus erythematosus: treatment with plasma infusion. Gelfand J, et al. **Am J Kidney Dis** 1985 Sep; 6(3):154-60

Use of non-human plasma for in vitro cultivation and antimalarial drug susceptibility testing of Plasmodium falciparum. Oduola AM, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):209-15

Fresh frozen plasma: too few indications--too much use [editorial] Bove JR. **Anesth Analg** 1985 Sep;64(9):849-50

Prevention of intraventricular haemorrhage by fresh frozen plasma. Beverley DW, et al. **Arch Dis Child** 1985 Aug; 60(8):710-3

Gangliosides reduce leakage of aqueous-space markers from liposomes in the presence of human plasma. Allen TM, et al. **Biochim Biophys Acta** 1985 Aug 27;818(2):205-10

Centrifugation speeds and the removal of platelets from heparinized plasma [letter] Duggan PF, et al. **Clin Chem** 1985 Jun;31(6):1082-3

Why is plasma infusion useful in hemolytic uremic syndrome? [letter] Stratta P, et al. **Clin Nephrol** 1984 Nov;22(5):270-1

NIH consensus development summaries: fresh-frozen plasma. Indications and risks. **Conn Med** 1985 May;49(5):295-7

Trypanosoma cruzi: extracellular amastigote-resembling forms induced by chicken and human plasma. Zaidenberg AJ. **Exp Parasitol** 1985 Oct;60(2):211-28

Effects of human serum and plasma on development of mouse embryos in culture media. Shirley B, et al. **Fertil Steril** 1985 Jan;43(1):129-34

New trends in plasma fractionation. Steinbuch M. **Haematologia (Budap)** 1983;16(1-4):39-51 (94 ref.)

Equine plasma banking: collection by exsanguination. Eicker SW, et al. **J Am Vet Med Assoc** 1984 Oct 1;185(7):772-4

Plasma-induced instability of reverse-phase evaporation vesicles. Yoshioka S, et al. **J Parenter Sci Technol** 1984 Nov-Dec;38(6):222-7

Restoration of complement function by plasma infusion in factor I (C3b inactivator) deficiency [letter] Wahn V, et al. **J Pediatr** 1984 Oct;105(4):673-4

Plasma therapy for thrombotic thrombocytopenic purpura. Sometimes it works, but why? Aster RH. **N Engl J Med** 1985 Apr 11;312(15):985-7

Fresh frozen plasma: indications and risks. National Institutes of Health Consensus Development Conference Statement. **Nat Inst Health Consensus Dev Conf Consensus Statement** 1984;5(5):4 p.

Plasma fractionation--a profile. Cabasso VJ. **Pathology** 1985 Jan;17(1):45-51

High yield of platelet-rich plasma from CPD blood compared to ACD blood. Shimizu T, et al. **Tohoku J Exp Med** 1984 Sep;144(1):103-4

Cryoglobulin removal with cryofiltration in the treatment of cryoglobulinemia. Abe Y, et al. **Trans Am Soc Artif Intern Organs** 1984;30:289-94

Efficacies of whole blood and plasma cross circulation on galactosamine induced hepatic failure rats. Okabe K, et al. **Trans Am Soc Artif Intern Organs** 1984;30:395-8

Use of human plasma for continuous in vitro cultivation of Plasmodium falciparum. Hui GS, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):625-6

Replacement therapy for congenital Factor X deficiency. Knight RD, et al. **Transfusion** 1985 Jan-Feb;25(1):78-80

Detection of staphylo-coagulase using plasmas from various animals. Adesiyun AA, et al. **Vet Microbiol** 1985 Jun; 10(4):387-92

Transfusion pattern of fresh frozen plasma in a medical school hospital. Shaikh BS, et al. **Vox Sang** 1985;48(6):366-9

[Production of fresh frozen plasma by machine plasmapheresis] Bacher T, et al. **Ugeskr Laeger** 1985 Feb 18;147(8):700-3 (Eng. Abstr.) **(Dan)**

[Capillary tube plasma viscometer: methodology, quality control and reference range] Jung F, et al. **Biomed Tech (Berlin)** 1985 Jun;30(6):152-8 (Eng. Abstr.) **(Ger)**

[Hemorrhagic pancreatitis: effect of dextran 40 and plasma on microcirculation disorders of the pancreas] Becker H, et al. **Langenbecks Arch Chir** 1985;365(1):57-67 (Eng. Abstr.) **(Ger)**

[Fresh frozen plasma. Indications and applications] Burri HP. **Ther Umsch** 1984 Aug;41(8):560-4 (Eng. Abstr.) **(Ger)**

ANALYSIS

Colorimetric measurement of glycosylated protein in whole blood, red blood cells, plasma and dried blood. Eross J, et al. **Ann Clin Biochem** 1984 Nov;21 (Pt 6):477-83

Calmodulin in breast milk, and umbilical and maternal plasma. Hira T, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):107-111

Common structural genes for platelet and plasma fibrinogen. Teige B, et al. **Blood** 1985 Jan;65(1):120-6

Controlled comparison of plasma and serum for cystic fibrosis protein. Wilson GB, et al. **Clin Genet** 1984 Oct;26(4):331-8

Potassium concentration in equine red blood cells: normal values and correlation with potassium levels in plasma. Muylle E, et al. **Equine Vet J** 1984 Sep;16(5):447-9

Procedures for direct injections of untreated blood plasma into liquid chromatographic columns with emphasis on a pre-column venting technique. Arvidsson T, et al. **J Chromatogr** 1984 Dec 28;317:213-26

International Federation of Clinical Chemistry, Scientific Committee, Analytical Section: IFCC/WHO principles and recommendations on evaluation of diagnostic reagent sets used in health laboratories with limited resources. Part 4. Evaluation of performance using reference materials of analytes commonly determined in blood serum or plasma. Logan JE, et al. **J Clin Chem Clin Biochem** 1984 Nov; 22(11):817-26

Structure of the triacyl-sn-glycerols in the plasma and milk of the rat and rabbit. Christie WW. **J Dairy Res** 1985 Feb; 52(1):219-22

The difference between serum and plasma potassium [letter] Hyman D, et al. **N Engl J Med** 1985 Sep 5;313(10):642

Plasma component of middle ear effusion evaluated by prekallikrein level. Hamaguchi Y, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(3):145-50

[A new method for the rapid purification of C1q in human plasma] Zhang TH, et al. **Ssu Chuan I Hsueh Yuan Hsueh Pao** 1985 Mar;16(1):29-31 (Eng. Abstr.) **(Chi)**

[Artificial deficient plasma for the determination of the activity of coagulation factor XI] Lutze G, et al. **Z Med Lab Diagn** 1984;25(8):427-31 (Eng. Abstr.) **(Ger)**

[Lymphocyte subpopulations and the presence of abnormal proteins in plasma concentrates (letter)] Vicente V, et al. **Med Clin (Barc)** 1985 Apr 30;84(16):675-6 **(Spa)**

DRUG EFFECTS

[Anticoagulant and nonenzymatic fibrinolytic activity of plasma in animals after intravenous injection of a heparin-antithrombin III complex] Kudriashov BA, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):62-4 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Storage stability of some bovine plasma enzymes. Blincoe C, et al. **Am J Vet Res** 1985 Jun;46(6):1242-4

IMMUNOLOGY

Immunosuppressive plasma factors in malignant disease. Francis DM, et al. **Aust NZ J Surg** 1985 Apr;55(2):111-20

Rapid purification of HBsAg from human plasma. Govender M, et al. **J Virol Methods** 1985 Jul;11(3):225-30

More about alloimmunization by transfusion of fresh-frozen plasma [letter] Wolfowitz E, et al. **Transfusion** 1984 Nov-Dec;24(6):544

Effect of dithiothreitol treatment of plasma on automated anti-D assay. Ashford PR, et al. **Vox Sang** 1985;49(2):121-5

[Effect of plasma factor on lymphocyte surface markers] Sei Y, et al. **Rinsho Ketsueki** 1985 Feb;26(2):147-52 (Eng. Abstr.) **(Jpn)**

[Protective properties of plasma from burned and irradiated rats in relation to the in vivo lethal effects of endotoxins] Budagov RS, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):96-9 (Eng. Abstr.) **(Rus)**

[Therapy of experimental staphylococcal infection with a hyperimmune antistaphylococcal plasma] Snastina TI, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Aug;(8):34-7 (Eng. Abstr.) **(Rus)**

METABOLISM

Acid-base-induced changes in the distribution of water between plasma and erythrocytes, as measured with a sodium-ion-selective electrode. Fogh-Andersen N, et al. **Clin Chem** 1984 Nov;30(11):1843-5

Measurement with fluorophotometry: I. Plasma binding. II. Anterior segment, and III. Aqueous humor flow. Brubaker RF. **Graefes Arch Clin Exp Ophthalmol** 1985; 222(4-5):190-3

Intraerythrocyte and plasma osmolality during graded exercise in humans. Buono MJ, et al. **J Appl Physiol** 1985 Apr;58(4):1069-72

Plasma extravasation in the cat knee-joint induced by antidromic articular nerve stimulation. Ferrell WR, et al. **Pflugers Arch** 1985 May;404(1):91-3

MICROBIOLOGY

Inactivation of the Hutchinson strain of non-A, non-B hepatitis virus by combined use of beta-propiolactone and ultraviolet irradiation. Prince AM, et al. **J Med Virol** 1985 Jun;16(2):119-25

Detection of infectious HTLV-III/LAV virus in cell-free plasma from AIDS patients [letter] Zagury D, et al. **Lancet** 1985 Aug 31;2(8453):505-6

PHYSIOLOGY

The capillary tube plasma viscometer--an automatical instrument for measuring plasma viscosity. Jung F, et al. **Biorheology** 1984;Suppl 1:115-7

Surface rheological observations on human plasma. Matrai A, et al. **Biorheology** 1984;Suppl 1:103-5

Role of plasma, platelets, and endothelial cells in tumor metastasis. Gasic GJ. **Cancer Metastasis Rev** 1984; 3(2):99-114 (117 ref.)

Recommendation for a selected method for the measurement of plasma viscosity. International Committee for Standardization in Haematology. **J Clin Pathol** 1984 Oct; 37(10):1147-52

Carbon dioxide transport in blood: equilibrium between red cells and plasma. The work of D. D. Van Slyke and L. J. Henderson, 1920-1928. Edsall JT. **Pubbl Stn Zool Napoli [II]** 1985;7(1):105-20

Factors influencing the determination of colloid osmotic pressure of plasma. Miki K, et al. **Sangyo Ika Daigaku Zasshi** 1983 Dec 1;5(4):405-12

[Role of K+, Na+, and Ca2+ ions in the cardiodepressive action of blood plasma in burn shock and the crush syndrome] Vornovitskiĭ EG, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):19-22 (Eng. Abstr.) **(Rus)**

[Effect of a thrombocyte extract and thrombocyte-poor plasma on the proliferative activity of connective tissue cells] Blagosklonnyĭ MV, et al. **Fiziol Cheloveka** 1984 Jul-Aug;10(4):676-8 **(Rus)**

[Changes in osmolarity of arterial blood in intensive muscle exercise] Kostenko TP, et al. **Fiziol Zh SSSR** 1984 Jun; 70(6):818-21 (Eng. Abstr.) **(Rus)**

[Significance of indices of plasma osmolarity in clinical practice] Slepushkin VD. **Klin Med (Mosk)** 1984 Jul; 62(7):62-5 **(Rus)**

RADIATION EFFECTS

mHz, not Hz (in the interest of science) [letter] **Am J Clin Pathol** 1985 Aug;84(2):257

TRANSPLANTATION

Consensus conference. Fresh-frozen plasma. Indications and risks. **JAMA** 1985 Jan 25;253(4):551-3

Inappropriate use of fresh-frozen plasma [editorial] Oberman HA. **JAMA** 1985 Jan 25;253(4):556-7

Measures to inactivate viral contaminants of pooled plasma products. Menache D, et al. **Prog Clin Biol Res** 1985; 182:407-23 (51 ref.)

Dextran 70 versus donor plasma as colloid in open-heart surgery under extreme haemodilution. Reed RK, et al. **Scand J Clin Lab Invest** 1985 May;45(3):269-74

Contribution of circulating formed elements to prostanoid production in complement-mediated lung injury in sheep. Egan TM, et al. **Surgery** 1985 Aug;98(2):350-8

PLASMA CELL DYSCRASIAS see **PARAPROTEINEMIAS**

PLASMA CELLS

Separation of malignant plasma cells from the bone marrow of patients with myelomatosis. Ali FM, et al. **Br J Haematol** 1985 Mar;59(3):419-23

Plasma cell infiltration of the small bowel: lack of evidence for a non-secretory form of alpha-heavy chain disease. Gilinsky NH, et al. **Gut** 1985 Sep;26(9):928-34

ANALYSIS

Distribution and concentration of cyclosporin in human blood. Atkinson K, et al. **J Clin Pathol** 1984 Oct; 37(10):1167-71

Secretory immunoglobulin A in the human endolymphatic sac. An immunohistochemical study. Arnold W, et al. **ORL J Otorhinolaryngol Relat Spec** 1984;46(6):286-8

CLASSIFICATION

Specificity of plasma cells in the rheumatoid synovium. I. Immunoglobulin class of antiglobulin-producing cells. Youinou PY, et al. **Scand J Immunol** 1984 Oct;20(4):307-15

DRUG EFFECTS

Rate of M-component changes and plasma cell labeling index in 25 patients with multiple myeloma treated with peptichemio. Riccardi A, et al. **Cancer Treat Rep** 1985 Sep; 69(9):971-5

ENZYMOLOGY

Plasma cell acid phosphatase score in multiple myeloma and related disorders. Hoffmann JJ, et al. **Br J Haematol** 1985 Jan;59(1):67-72

[Plasma cell acid phosphatase in the differential diagnosis of monoclonal gammopathies] Milanesi B, et al. **Quad Sclavo Diagn** 1984 Jun;20(2):149-54 (Eng. Abstr.) **(Ita)**

[Cytochemistry in the differential diagnosis of patients with a monoclonal component] Portero JA, et al. **Sangre (Barc)** 1984;29(5):907-12 **(Spa)**

IMMUNOLOGY

Discordances of cytoplasmic immunoglobulin G staining with the immunoperoxidase technic in plasma cells from bone marrow, tonsils, and appendix. Stul MS, et al. **Am J Clin Pathol** 1985 Jun;83(6):725-8

Transformation of myeloma into Ph1-negative CML with plasma cell antigens. Paietta E, et al. **Am J Hematol** 1985 Jul;19(3):289-92

Hairy cell leukemia: a tumor of pre-plasma cells. Anderson KC, et al. **Blood** 1985 Mar;65(3):620-9

Proliferation of IgD kappa plasma cells after agranulocytosis induced by dapsone. Lahuerta-Palacios JJ, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):282-3

Immunoglobulin subclass distribution of synovial plasma cells in rheumatoid arthritis determined by use of monoclonal anti-subclass antibodies. Haber PL, et al. **Clin Immunol Immunopathol** 1985 Jun;35(3):346-51

Production of continuous mouse plasma cell lines by transfection with human leukemia DNA. Jonak ZL, et al. **Hybridoma** 1984 Summer;3(2):107-18

In vitro regulation of IgA subclass synthesis. II. The source of IgA2 plasma cells. Conley ME, et al. **J Immunol** 1984 Nov;133(5):2312-6

Plasma cell antigen PC-1 and the transferrin receptor in mouse, rat, and hamster: serologic and biochemical analysis. van Driel IR, et al. **J Immunol** 1985 Jun;134(6):3987-93

Stimulated lymphoid cells of B lineage, but not plasma or myeloid cells, can express E receptor. Mills KH, et al. **Leuk Res** 1985;9(3):375-80

Immunoglobulin-containing plasma cells in acute hepatitis. Mietkiewski JM, et al. **Liver** 1985 Apr;5(2):84-8

Direct contact between macrophages and plasma cells in antibody production. Baradi AF. **Lymphology** 1984 Dec; 17(4):115-7

Plasma cell generation inhibition in lymphocyte cultures containing cerebrospinal fluid from children with central nervous system viral infections. Bertotto A, et al. **Microbiologica** 1985 Jan;8(1):11-6

Immunohistological studies of the local immune system in the reproductive tract of the mare. Widders PR, et al. **Res Vet Sci** 1985 Jan;38(1):88-95

[Relation between the growth pattern and the quantity of plasma cells of nasopharyngeal cancer (NPC) and serum EBV antibody level] Li JT. **Chung Hua Chung Liu Tsa Chih** 1985 Jan;7(1):9-11 (Eng. Abstr.) **(Chi)**

[Immunological studies of biopsies of patients with colitis; diagnostic progress?] Giard RW. **Ned Tijdschr Geneeskd** 1985 Jan 12;129(2):54-5 **(Dut)**

[Immunohistochemical study of plasmocytes and T-lymphocyte subpopulations in Hashimoto's thyroiditis] Patey M, et al. **Ann Pathol** 1984 Sep-Nov;4(4):259-65 (Eng. Abstr.) **(Fre)**

[Macrophages and lymphoid cells exposed to antigenic stimulation] Aznaurian AV, et al. **Arkh Anat Gistol Embriol** 1985 Feb;88(2):56-8 (Eng. Abstr.) **(Rus)**

[Patients with acquired immunodeficiency syndrome (AIDS) have peripheral blood lymphocytes expressing plasma-cell differentiation antigens] Ruiz-Argüelles GJ, et al. **Rev Invest Clin** 1984 Apr-Jun;36(2):99-101 (Eng. Abstr.) **(Spa)**

METABOLISM

Mott cells are plasma cells defective in immunoglobulin secretion. Alanen A, et al. **Eur J Immunol** 1985 Mar; 15(3):235-42

[Preponderant synthesis of rheumatoid factors by synovial plasma cells in rheumatoid polyarthritis] Youinou P, et al. **Rev Rhum Mal Osteoartic** 1985 May;52(5):323-8 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Reactive plasmacytosis. Case report and review of the literature. Gavarotti P, et al. **Acta Haematol (Basel)** 1985; 73(2):108-10

Plasmacytic differentiation in follicular center cell (FCC) lymphomas. Keith TA, et al. **Am J Clin Pathol** 1985 Sep; 84(3):283-90

Lichen nitidus with plasma cell infiltrate. Eisen RF, et al. **Arch Dermatol** 1985 Sep;121(9):1193-4

Multiple myeloma: significance of plasmablastic subtype in morphological classification. Greipp PR, et al. **Blood** 1985 Feb;65(2):305-10

Low plasma cell 3(H) thymidine incorporation in monoclonal gammopathy of undetermined significance (MGUS), smouldering myeloma and remission phase myeloma: a reliable indicator of patients not requiring therapy. Boccadoro M, et al. **Br J Haematol** 1984 Dec;58(4):689-96

Malignant plasmacytic ascites. A report of two cases and a review of the literature. Greer JP, et al. **Cancer** 1985 Oct 15;56(8):2001-4

Computed tomography of retroperitoneal castleman disease (plasma cell type) with sonographic and angiographic correlation. Joseph N, et al. **J Comput Assist Tomogr** 1985 May-Jun;9(3):570-2

A case of cutaneous plasmacytosis. Ishii N, et al. **J Dermatol (Tokyo)** 1984 Dec;11(6):565-9

Splenic pulp, plasma cells and foamy histiocytes in immune thrombocytopenia: combined morphometric immunohistochemical and ultrastructural studies. Kristensen J, et al. **Scand J Haematol** 1985 Apr;34(4):340-4

Follicular malignant non-Hodgkin's lymphoma with pronounced plasmacytic differentiation: a plasmacytoma-like lymphoma. Schmid U, et al. **Virchows Arch [A]** 1985;405(4):473-81

PHYSIOLOGY

Immunoglobulin heavy chain toxicity in plasma cells is neutralized by fusion to pre-B cells. Haas IG, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7185-8

ULTRASTRUCTURE

Multiple myeloma with crystalline inclusions in most hemopoietic cells. Gabriel L, et al. **Am J Hematol** 1985 Apr;18(4):405-11

[A morphological study of plasma cells with iron-laden granules] Nakazawa M, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Aug;47(5):1144-56 (Eng. Abstr.) **(Jpn)**

[Ultrastructural changes in neoplastic cells of the bone marrow of a patient with multiple myeloma] Kraj M, et al. **Nowotwory** 1985 Jan-Mar;35(1):74-80 (Eng. Abstr.) **(Pol)**

PLASMA EXCHANGE

Intensive plasma exchange as an adjunct to management of severe rhesus disease. Eklund J. **Acta Obstet Gynecol Scand** 1985;64(1):7-10

Kinetics of intravenous saline infusion and selective IgG removal in rabbits. Smeby LC, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R816-26

Plasma exchange in the management of acute polyradiculopathy and myasthenic crisis (plasma exchange in neurological disorders). Devathasan G, et al. **Ann Acad Med Singapore** 1984 Jul;13(3):538-41

Plasma exchange in the treatment of Mooren's ulcer. Carmichael TR, et al. **Ann Ophthalmol** 1985 May; 17(5):311-4

Hypotensive effect of plasma exchange in immune complex nephritis. Puccini R, et al. **Artif Organs** 1985 Feb;9(1):42-6

A new application of plasma exchange in insulin dependent diabetes mellitus. Charlton B, et al. **Biomed Pharmacother** 1985;39(1):19-22

Where now for therapeutic apheresis? [editorial] Hamblin T. **Br Med J [Clin Res]** 1984 Sep 29;289(6448):779-80

Plasma exchange for Guillain-Barré syndrome [editorial] Hughes RA. **Br Med J [Clin Res]** 1985 Sep 7; 291(6496):615-6

Successful plasma exchange in type 1 leprosy reversal reaction. Lucht F, et al. **Br Med J [Clin Res]** 1984 Dec 15;289(6459):1647-8

A double-blind controlled pilot study of plasma exchange versus sham apheresis in chronic progressive multiple sclerosis. Gordon PA, et al. **Can J Neurol Sci** 1985 Feb; 12(1):39-44

Randomized controlled trial of plasma exchange for hemolytic disease due to anti-D [letter] Rock GA. **Can Med Assoc J** 1984 Nov 1;131(9):1022

Plasma exchange in thrombotic thrombocytopenic purpura. Toffelmire EB, et al. **Can Med Assoc J** 1984 Dec 1; 131(11):1371-6

The splenic extraction ratio of antibody-coated erythrocytes and its response to plasma exchange and pulse methylprednisolone. Walport MJ, et al. **Clin Exp Immunol** 1985 Jun;60(3):465-73

Effect of exchange-reduction transfusion on carbamazepine [letter] Bradley JM, et al. **Clin Pharm** 1984 Nov-Dec; 3(6):585

Protein A immunoadsorption/immunoactivation: a critical review. Fer MF, et al. **Contemp Top Immunobiol** 1985; 15:257-76 (42 ref.)

Blocking (suppressor) factors, immune complexes, and extracorporeal immunoadsorption in tumor immunity. Hellström KE, et al. **Contemp Top Immunobiol** 1985; 15:213-38 (152 ref.)

Trials of staphylococcal protein A-treated plasma infusions in cancer therapy: clinical effects and implications for mode of action. MacKintosh FR, et al. **Contemp Top Immunobiol** 1985;15:239-56

Immunosuppressor control as a modality of cancer treatment: effect of plasma adsorption with Staphylococcus aureus protein A. Ray PK. **Contemp Top Immunobiol** 1985; 15:147-211 (264 ref.)

Therapeutic plasma exchange: achievements versus expectations. Samtleben W, et al. **Contrib Nephrol** 1985; 44:223-35 (30 ref.)

Plasma-exchange in the treatment of severe thyrotoxicosis in pregnancy. Derksen RH, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Oct;18(3):139-48

Exchange transfusion and plasma-exchange in acute autoimmune hemolytic anemia: report of one case. Garelli S, et al. **Haematologica (Pavia)** 1985 Mar-Apr;70(2):166-70

Short and long-term clinical effects of plasma-exchange in 33 cases of myasthenia gravis. Fornasari PM, et al. **Int J Artif Organs** 1985 May;8(3):159-62

Plasma-exchange plus high-dose intravenous gamma globulin for chronic thrombocytopenic purpura [letter] Guaschino R, et al. **Int J Artif Organs** 1985 May;8(3):169

Kinetics of the redistribution phenomenon after extracorporeal elimination. Keller F, et al. **Int J Artif Organs** 1984 Jul;7(4):181-8 (38 ref.)

Plasma exchange in myasthenia gravis. Marconi G, et al. **Int J Artif Organs** 1984 Sep;7(5):297-300

Plasma exchange in radiculopolyneuropathies. Marconi G, et al. **Int J Artif Organs** 1984 Sep;7(5):301-6

Plasma exchange and concomitant therapy in TTP. Stoffner D, et al. **Int J Artif Organs** 1984 Jul;7(4):223-8

Membrane plasma exchange by single-needle hemofiltration device. A technical note [letter] Wilms H, et al. **Int J Artif Organs** 1984 Jul;7(4):236

Thrombotic thrombocytopenic purpura: report of fourteen cases--occurrence during pregnancy and response to plasma exchange. Caggiano V, et al. **J Clin Apheresis** 1983; 1(2):71-85 (150 ref.)

Immune globulin intravenous replacement after plasma exchange. Dau PC. **J Clin Apheresis** 1983;1(2):104-8

Membrane plasma exchange: principles and application techniques. Samtleben W, et al. **J Clin Apheresis** 1984; 2(2):163-9

Plasma exchange in six patients with advanced cancers of the head and neck. Seder RH, et al. **J Clin Apheresis** 1985; 2(3):238-49

Therapeutic trial of plasma exchange in osteosclerotic myeloma associated with the POEMS syndrome. Silberstein LE, et al. **J Clin Apheresis** 1985;2(3):253-7

Analysis of immunoglobulin G kinetics in the non-steady state. Charlton B, et al. **J Lab Clin Med** 1985 Mar; 105(3):312-20

Effect of prethymectomy plasma exchange on postoperative respiratory function in myasthenia gravis. d'Empaire G, et al. **J Thorac Cardiovasc Surg** 1985 Apr;89(4):592-6

Acute dapsone intoxication: a case treated with continuous infusion of methylene blue, forced diuresis and plasma exchange. Berlin G, et al. **J Toxicol Clin Toxicol** 1984-85; 22(6):537-48

Is there a role for plasmapheresis/exchange transfusion in the treatment of the septic burn patient? McManus WF. **J Trauma** 1984 Sep;24(9 Suppl):S137-45

Rare association of herpes simplex virus IgM-specific antibodies and Guillain-Barré syndrome successfully treated with plasma exchange and immunosuppression. Gerken G, et al. **Klin Wochenschr** 1985 May 15; 63(10):468-74

Plasma exchange in the Guillain-Barré syndrome [editorial] **Lancet** 1984 Dec 8;2(8415):1312-3

Beneficial effects of plasma exchange in acute inflammatory polyradiculoneuropathy. Osterman PO, et al. **Lancet** 1984 Dec 8;2(8415):1296-9

Guillain-Barré syndrome and plasma exchange [letter] Raphael JC, et al. **Lancet** 1985 Jul 6;2(8445):45

2-pool model of thyroid hormones for plasma exchange therapy. Sprenger KB, et al. **Life Support Syst** 1985 Jan-Mar;3(1):44-50

Plasma exchange in the treatment of mesangiocapillary glomerulonephritis. McGinley E, et al. **Nephron** 1985; 40(4):385-90

An assessment of plasma exchange in progressive multiple sclerosis. Weiner HL. **Neurology** 1985 Mar;35(3):320-2

Efficacy of large-volume plasma exchange in patients with chemotherapy-resistant metastatic colorectal cancer. Beyer JH, et al. **Oncology** 1985;42(2):72-9

Neonatal hyperviscosity: randomized study of effect of partial plasma exchange transfusion on long-term outcome. Black VD, et al. **Pediatrics** 1985 Jun;75(6):1048-53

Guillain-Barré syndrome. Current methods of diagnosis and treatment. Miller RG. **Postgrad Med** 1985 May 15; 77(7):57-9, 62-4 (21 ref.)

Fatal relapse in Goodpasture's syndrome 3 years after plasma exchange. Keller F, et al. **Respiration** 1985;48(1):62-6

Plasma exchange in Goodpasture's syndrome [letter] O'Donnell D. **S Afr Med J** 1985 Jan 26;67(4):119-20

How many plasma exchanges to cure thrombotic thrombocytopenic purpura? Joneau M, et al. **Scand J Haematol** 1985 Feb;34(2):157-9

Remission of acquired pure red cell aplasia following plasma exchanges. Khelif A, et al. **Scand J Haematol** 1985 Jan; 34(1):13-5

Effect of plasma exchange on acute pancreatitis. Yamauchi H, et al. **Tohoku J Exp Med** 1985 Jan;145(1):103-4

Use of cryofiltration and plasma exchange in the treatment of systemic vasculitis. Smith JW, et al. **Trans Am Soc Artif Intern Organs** 1984;30:179-83

Plasma exchange therapy in acute renal failure due to light chain myeloma. Zucchelli P, et al. **Trans Am Soc Artif Intern Organs** 1984;30:36-9

Intensive plasma exchange therapy in ten patients with idiopathic thrombocytopenic purpura. Blanchette VS, et al. **Transfusion** 1984 Sep-Oct;24(5):388-94

Inefficacy of plasma exchange in cold agglutinin hemolytic anemia--a case study. Rodenhuis S, et al. **Vox Sang** 1985; 49(1):20-5

[Severe rheumatoid purpura. Histology of digestive manifestations and therapeutic trial using plasma exchange] Masson G, et al. **Ann Pediatr (Paris)** 1985 Jun;32(6):549-52 (Eng. Abstr.) **(Fre)**

[Value of plasma exchange in neurologic complications of acute disseminated lupus erythematosus in children] Couillault G, et al. **Arch Fr Pediatr** 1985 Jan;42(1):41-3 (Eng. Abstr.) **(Fre)**

[The value of plasma exchange in retinal vasculitis and severe epitheliopathies] Bloch-Michel E, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):443-6 **(Fre)**

[Aggressive therapy in a case of Moschowitz syndrome] Trono D, et al. **Nouv Rev Fr Hematol** 1984;26(6):387-90 (Eng. Abstr.) **(Fre)**

[Treatment of bullous pemphigoid by plasma exchange and prednisolone] Guillaume JC, et al. **Presse Med** 1985 May 18;14(20):1139-42 (Eng. Abstr.) **(Fre)**

[Plasma exchange in dermatology] Roujeau JC. **Presse Med** 1984 Oct 27;13(38):2299-301 **(Fre)**

[Treatment of severe hyperthyroidism by plasma exchange. Clinical and biological efficacy. 8 cases] Schlienger JL, et al. **Presse Med** 1985 Jun 8;14(23):1271-4 (Eng. Abstr.) **(Fre)**

[Therapeutic plasma exchange in severe tropical malaria] Bambauer R, et al. **Dtsch Med Wochenschr** 1985 Aug 23; 110(34):1290-3 (Eng. Abstr.) **(Ger)**

[Successful treatment of kappa light chain nephropathy using membrane plasma separation] Sprenger KB, et al. **Klin Wochenschr** 1984 Oct 1;62(19):931-5 (Eng. Abstr.) **(Ger)**

[Plasma exchange therapy in hematology] Höcker P, et al. **Wien Klin Wochenschr** 1985 Feb 1;97(3):115-22 (Eng. Abstr.) **(Ger)**

[Effective plasma exchange for a patient with malignant rheumatoid arthritis complicated with polyneuritis: a case report] Itoh M, et al. **Nippon Naika Gakkai Zasshi** 1985 Mar;74(3):307-13 **(Jpn)**

[Clearance of serum pancreatic enzymes by plasma exchange in acute pancreatitis] Yamauchi H. **Nippon Shokakibyo Gakkai Zasshi** 1984 Oct;81(10):2604 **(Jpn)**

[Treatment of patients with neurodermatitis by exchange plasmapheresis] Bazuka AP, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):50-3 (Eng. Abstr.) **(Rus)**

[Bases and current indications for plasma exchange] Puig Rovira L. **Med Clin (Barc)** 1985 Apr 20;84(15):620-9 (198 ref.) **(Spa)**

ADVERSE EFFECTS

Adverse effects secondary to the treatment with plasma exchange. Puig L, et al. **Int J Artif Organs** 1985 May; 8(3):155-8

Cyclophosphamide-related intravascular haemolysis during continuous-flow plasma exchange. Wood L, et al. **J Clin Apheresis** 1985;2(3):250-2

Inadvertent aluminum administration during plasma exchange due to aluminum contamination of albumin-replacement solutions. Milliner DS, et al. **N Engl J Med** 1985 Jan 17;312(3):165-7

Biological stress induced by extracorporeal circulation: comparison between cardiopulmonary bypass, hemodialysis and plasma exchange. Stratta P, et al. **Trans Am Soc Artif Intern Organs** 1984;30:502-7

[Plasma exchange in infectious pathology] Corridori S, et al. **Riv Emoter Immunoematol** 1984;31(2):124-9 **(Ita)**

INSTRUMENTATION

Evaluation of a parallel plate membrane plasma exchange system. Buffaloe GW, et al. **J Clin Apheresis** 1983; 1(2):86-94

METHODS

Plasma exchange. Patel KC, et al. **J Assoc Physicians India** 1984 Jul;32(7):591-5

Partial plasma protein replacement in therapeutic plasma exchange. McLeod BC, et al. **J Clin Apheresis** 1983; 1(2):115-8

Use of 'single donor' factor VIII from plasma exchange donation. McLeod BC, et al. **JAMA** 1984 Nov 16; 252(19):2726-9

Normothermic whole body rinse-out utilizing perfluorochemical(PFC)-containing artificial blood. Agishi T, et al. **Trans Am Soc Artif Intern Organs** 1984;30:295-7

[Plasma exchange and hyperthyroidism. Current indications] Pinsard D, et al. **Ann Endocrinol (Paris)** 1985;46(2):89-98 (48 ref.) (Eng. Abstr.) **(Fre)**

[Plasma exchange by cascade filtration. Clinical and biological study] Cassuto-Viguier E, et al. **Presse Med** 1984 Nov 3;13(39):2359-62 (Eng. Abstr.) **(Fre)**

[Plasma exchange treatment in chronic uveitis] Wizemann A, et al. **Fortschr Ophthalmol** 1984;81(5):449-50 (Eng. Abstr.) **(Ger)**

[Plasma exchange therapy in a patient with familial hypercholesteremia and generalized arteriosclerosis] Schrecker O, et al. **Internist (Berlin)** 1984 Sep;25(9):574-6 **(Ger)**

[Plasma exchange therapy (plasmapheresis/plasmafiltration). II. Indications and complications] Quietzsch D, et al. **Z Gesamte Inn Med** 1984 Oct 15;39(20):493-500 (Eng. Abstr.) **(Ger)**

[Plasma exchange therapy] Klemm-Mayer H. **Z Hautkr** 1984 Nov 1;59(21):1423-5 **(Ger)**

[Double filtration plasma exchange in the treatment of lupus nephritis] Tsuda H. **Ryumachi** 1984 Oct;24(5):345-51 (Eng. Abstr.) **(Jpn)**

[Therapeutic use of plasmapheresis using filtration in 15 patients] Glavaš-Boras S, et al. **Lijec Vjesn** 1985 Jun; 107(6):253-7 (Eng. Abstr.) **(Scr)**

PLASMA MEMBRANE see **CELL MEMBRANE**

PLASMA PROTEINS see **BLOOD PROTEINS**

PLASMA SUBSTITUTES

see related
BLOOD SUBSTITUTES

Alternate sources and substitutes for therapeutic blood components. Kahn RA, et al. **Blood** 1985 Jul;66(1):1-12 (128 ref.)

Modified fluid gelatin. An alternative macromolecular agent for centrifugal leukapheresis. Huestis DW, et al. **Transfusion** 1985 Jul-Aug;25(4):343-8

[Reply to the remarks of B. Bormann and G. Hempelmann on the work of M. Halmagyi. The estimation of colloidal volume substituents in 6% HAS 40/0.5] Halmágyi M. **Anaesthesist** 1985 Jul;34(7):365-6 **(Ger)**

[The choice of plasma substitutes and methods of their application] Nakane Y, et al. **Nippon Rinsho** 1984 Aug; 42(8):1832-7 (17 ref.) **(Jpn)**

ADMINISTRATION & DOSAGE

Hydroxyethyl starches, dextran and balanced salt solution in correction of hypotension during epidural anaesthesia. Koski E, et al. **Acta Anaesthesiol Scand** 1984 Dec; 28(6):595-9

Effects of colloid or crystalloid administration on pulmonary extravascular water in the postoperative period after coronary artery bypass grafting. Gallagher JD, et al. **Anesth Analg** 1985 Aug;64(8):753-8

Use of sufficient hemodilution to prevent coagulopathies following surgical correction of cyanotic heart disease. Milam JD, et al. **J Thorac Cardiovasc Surg** 1985 Apr; 89(4):623-9

Decrease of plasma fibronectin concentration following infusion of a gelatin-based plasma substitute in man. Brodin B, et al. **Scand J Clin Lab Invest** 1984 Oct;44(6):529-33

[Increasing the effectiveness of blood substitute solutions in the treatment of hemorrhage and shock] Shabalin VN, et al. **Gematol Transfuziol** 1985 Feb;30(2):3-7 (Eng. Abstr.) **(Rus)**

[Infusion therapy and correction of hypovolemia during the medical evacuation of surgical patients] Shaposhnikov IuG, et al. **Voen Med Zh** 1985 Jan;(1):30-4 **(Rus)**

ADVERSE EFFECTS

Preventing superficial phlebitis during infusion of crystalloid solutions in surgical patients. Bass J, et al. **Can J Surg** 1985 Mar;28(2):124-5

Coagulopathy related to dilution and hypotension during massive transfusion. Hewson JR, et al. **Crit Care Med** 1985 May;13(5):387-91

Anaphylactoid reactions to plasma substitutes. Ring J. **Int Anesthesiol Clin** 1985 Fall;23(3):67-95

[Histamine H1 and H2 receptor blockade as a supplementary premedication principle in elective surgery] Schöning B, et al. **Schweiz Rundsch Med Prax** 1985 Mar 26; 74(13):315-22 (52 ref.) (Eng. Abstr.) **(Ger)**

[Clinico-morphological characteristics of the sequelae of the parenteral administration of gemodes and polyglucin to children] Samokhin PA, et al. **Arkh Patol** 1984;46(10):64-71 (Eng. Abstr.) **(Rus)**

[Anaphylactoid reaction to Hemoce (letter)] Sanzol Berruezo MR, et al. **Rev Esp Anestesiol Reanim** 1984 Jul-Aug; 31(4):173 **(Spa)**

CHEMICAL SYNTHESIS

Simple method for preparation of cryoprecipitate (CP) and cryodepleted plasma (CDP). Prohaska W, et al. **Infusionsther Klin Ernahr** 1984 Dec;11(6):342-4

PHARMACODYNAMICS

State of investigations on hydroxyethylstarch. Lutz H, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:21-6

Hemorrheological effects of colloidal plasma substitutes infusion. A comparative study. Goto Y, et al. **Acta Anaesthesiol Scand** 1985 Feb;29(2):217-23

Crystalloid and perfluorochemical perfusates in an isolated working rabbit heart preparation. Chemnitius JM, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):H285-92

Renal nerve activity in conscious rats during volume expansion and depletion. DiBona GF, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F15-23

Renal effects of volume expansion in the renal-denervated nonhuman primate. Peterson TV, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):H960-6

Mechanism for inhibition of renin release by acute plasma volume expansion in the dog. Roy MW, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):F206-11

Influence of intravenous infusions of hydroxyethylstarch (HES) (MW 40,000 and 450,000) on the blood flow properties of healthy volunteers. Ehrly AM, et al. **Angiology** 1985 Jan;36(1):41-4

Fall in blood pressure in response to volume expansion in pregnancy-associated hypertension (pre-eclampsia): why does it occur? Gallery ED, et al. **J Hypertens** 1984 Apr; 2(2):177-82

Roles of endogenous angiotensin II or kinin in the mechanism of altered renal vascular responsiveness to angiotensin II following acute blood volume expansion in the dog. Akabane S, et al. **Jpn J Pharmacol** 1984 Oct;36(2):235-40

Effects of volume expansion with Fluosol-DA on renal function of the nonhuman primate. Roccaforte WH, et al. **Renal Physiol** 1984;7(5):293-8

In vivo evaluation of pyridoxalated-polymerized hemoglobin solution. Friedman HI, et al. **Surg Gynecol Obstet** 1984 Nov;159(5):429-35

SUPPLY & DISTRIBUTION

[Past, present, future use of blood substitutes and plasma substitutes in Japan] Toyama H. **Masui** 1985 Apr; 34(4):515-29 **(Jpn)**

THERAPEUTIC USE

Colloid and crystalloid fluid resuscitation. Falk JL, et al. **Acute Care** 1983-84;10(2):59-94 (230 ref.)

Treatment of shock in a canine model of pulmonary embolism. Molloy WD, et al. **Am Rev Respir Dis** 1984 Nov; 130(5):870-4

Large volume crystalloid resuscitation does not increase extravascular lung water. Gallagher TJ, et al. **Anesth Analg** 1985 Mar;64(3):323-6

Platelet inhibitors and hydroxyethyl starch: safe and cost-effective interventions in coronary artery surgery. Hicks GL Jr, et al. **Ann Thorac Surg** 1985 May;39(5):422-5

An evaluation of plasma volume expanders in the treatment of decompression sickness. Merton DA, et al. **Aviat Space Environ Med** 1983 Mar;54(3):218-22

Measurements of in vivo energy metabolism in experimental cerebral ischaemia using 31P-NMR for the evaluation of protective effects of perfluorochemicals and glycerol. Naruse S, et al. **Neurol Res** 1984 Dec;6(4):169-75

Resuspended red cells and plasma volume expander usage. Woodfield DG. **NZ Med J** 1984 Dec 26;97(770):901-3

Hypotensive acute cardiopulmonary edema. Varriale P, et al. **RI Med J** 1985 May;68(5):215-8

[Middle-molecular hydroxyethyl starch as a volume substitute. Its rheological effect in peripheral arterial occlusive diseases] Kiesewetter H, et al. **Dtsch Med Wochenschr** 1984 Nov 30;109(48):1844-7 (Eng. Abstr.) **(Ger)**

[Behavior of oxypolygelatine (Gelifundol) in patients with dialysis-dependent kidney failure] Bambauer R, et al. **Infusionsther Klin Ernahr** 1984 Jun;11(3):157-60 (Eng. Abstr.) **(Ger)**

[Progress in treatment with blood and blood preparations with regard to achievements in blood preservation] Nowicki P. **Acta Haematol Pol** 1984 Jul-Dec; 15(3-4):213-21 (50 ref.) **(Pol)**

[Blood and blood derivatives in the treatment of infants and older children. II] Ochocka M. **Pediatr Pol** 1984 Oct; 59(10):873-80 **(Pol)**

[Indications for the treatment of children with blood and blood preparations. I. Treatment of newborn infants with blood] Ochocka M. **Pediatr Pol** 1984 Sep;59(9):785-93 **(Pol)**

[Use of the bifunctional plasma substitute polyfer to replenish blood loss during labor] Timoshenko LV, et al. **Akush Ginekol (Mosk)** 1985 Jan;(1):35-7 (Eng. Abstr.) **(Rus)**

[Effectiveness of total body washout in acute medinal poisoning] Savel'ev ON, et al. **Anesteziol Reanimatol** 1984 Jul-Aug;(4):30-2 (Eng. Abstr.) **(Rus)**

TOXICITY

Changes in human cultured cells exposed to a perfluorocarbon emulsion. Wake EJ, et al. **Transfusion** 1985 Jan-Feb;25(1):73-7

PLASMA THROMBOPLASTIN ANTECEDENT see **FACTOR XI**

PLASMA THROMBOPLASTIN COMPONENT see **FACTOR IX**

PLASMA VOLUME

Electrolytes and plasma volume regulation in hypovolemic shock. Scholten DJ. **Am J Emerg Med** 1984 Jan;2(1):86-91

Plasma volume determination in normal and preeclamptic pregnancies. Hays PM, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):958-66

Fluid volumes and hemodynamics in hypertension produced by chemical renal medullectomy. Taverner D, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):H415-20

The interpretation of measured red cell mass and plasma volume in patients with elevated PCV values. Pearson TC, et al. **Clin Lab Haematol** 1984;6(3):207-17

Role of renin angiotensin aldosterone on minimal change nephrotic syndrome. Kumagai H, et al. **Clin Nephrol** 1985 May;23(5):229-35

Decreased plasma volume in post-transplant erythrocytosis. Obermiller LE, et al. **Clin Nephrol** 1985 May;23(5):213-7

Changes in the blood and plasma volume of Harris' sparrows during postnuptial molt. deGraw WA, et al. **Comp Biochem Physiol [A]** 1985;81(4):889-93

Role of tissue hydration in the redistribution of extracellular fluid after ultrafiltration. Koomans HA, et al. **Contrib Nephrol** 1984;41:441-5

Radionuclide (51Cr, 125I and 59Fe) blood volume studies in West Africans with sickle-cell disease. Knox-Macaulay HH. **East Afr Med J** 1984 May;61(5):356-61

Preliminary studies of plasma and extracellular fluid volume in neonatal ponies. Kami G, et al. **Equine Vet J** 1984 Jul; 16(4):356-8

The body/venous haematocrit ratio and its use for calculating total blood volume from fractional volumes. Najean Y, et al. **Eur J Nucl Med** 1984;9(12):558-60

Plasma volume in normal pregnant Nigerian primigravidae. Abudu OO, et al. **Int J Gynaecol Obstet** 1985 Apr; 23(2):137-42

Contracted plasma volume syndromes. Isbister JP. **Int J Microcirc Clin Exp** 1984;3(2):93-108

Conservation of blood plasma fluids in hamadryas baboons after thermal dehydration. Zurovsky Y, et al. **J Appl Physiol** 1984 Sep;57(3):768-71

Cerebral transit of an intravascular tracer may allow measurement of regional blood volume but not regional blood flow [letter] Lassen NA. **J Cereb Blood Flow Metab** 1984 Dec;4(4):633-4

Model prediction of plasma volume change induced by hemodialysis. Kimura G, et al. **J Lab Clin Med** 1984 Dec; 104(6):932-8

Influences of fasting and water intake on plasma refill during hemorrhagic shock. Chadwick CD, et al. **J Trauma** 1985 Jul;25(7):608-14

Atrial natriuretic peptide in plasma of volume-overloaded children with chronic renal failure. Rascher W, et al. **Lancet** 1985 Aug 10;2(8450):303-5

Plasma renin activity, blood uric acid and plasma volume in pregnancy-induced hypertension. Fievet P, et al. **Nephron** 1985;40(4):429-32

Plasma and blood volumes in patients with the nephrotic syndrome. Geers AB, et al. **Nephron** 1984;38(3):170-3

Lowered protein content of tissue fluid in patients with the nephrotic syndrome: observations during disease and recovery. Koomans HA, et al. **Nephron** 1985;40(4):391-5

Volume expansion as treatment of severe pre-eclampsia. Rasmussen K, et al. **Scand J Clin Lab Invest [Suppl]** 1984; 169:79-81

[Relations between the concentration and the quantity of blood in fattening swine and boars] Steinhardt M, et al. **Arch Exp Veterinarmed** 1984 Sep;38(5):744-56 (Eng. Abstr.) **(Ger)**

[Blood, erythrocyte and plasma volumes in patients with pheochromocytoma] Wyrzykowski B, et al. **Kardiol Pol** 1984;27(8):659-66 (Eng. Abstr.) **(Pol)**

DRUG EFFECTS

Effects of diuretics on plasma volume in pregnancies with long-term hypertension. Sibai BM, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):831-5

Intraoperative hypoxia and hypotension caused by gastrografin-induced hypovolemia. Maneksha FR, et al. **Anesthesiology** 1984 Oct;61(4):454-6

Blood pressure, plasma volume, and catecholamine levels during enalapril therapy in blacks with hypertension. Freier PA, et al. **Clin Pharmacol Ther** 1984 Dec;36(6):731-7

Effects of chronic prolactin administration on renal hemodynamics in the rat. Baylis C, et al. **Endocrinology** 1985 Aug;117(2):722-9

Effect of hydroxyethyl starch and dextran on plasma volume and blood hemostasis and coagulation. Korttila K, et al. **J Clin Pharmacol** 1984 Jul;24(7):273-82

Effect of spironolactone on fluid volumes and adrenal steroids in primary aldosteronism. Ichikawa S, et al. **Jpn Circ J** 1984 Nov;48(11):1184-96

Plasma volume and protein content in progressive exercise: influence of cyclooxygenase inhibitors. Pivarnik J, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):153-7

Bicarbonate hemodialysis: influence on plasma refilling and hemodynamic stability. Hsu CH, et al. **Nephron** 1984; 38(3):202-8

PLASMA VOLUME EXPANDERS see **PLASMA SUBSTITUTES**

PLASMACYTES see **PLASMA CELLS**

PLASMACYTOMA

BLOOD

Age-related change of distribution of immunoglobulin containing cells in human bone marrow. Changes in patients with benign monoclonal gammopathy and multiple myeloma. Suzuki K, et al. **Virchows Arch [A]** 1984; 404(3):243-51

CLASSIFICATION

B-cell neoplasms of the lymphocytic, lymphoplasmacytoid, and plasma cell types: immunohistologic analysis and clinical correlation. Harris NL, et al. **Hum Pathol** 1985 Aug;16(8):829-37

COMPLICATIONS

Intracranial plasmacytoma associated with multiple myeloma. Jordan DR, et al. **Can J Ophthalmol** 1984 Oct;19(6):275-8

Intestinal lymphocytic lymphoma with monoclonal IgM gammopathy and bullous dermatitis. Leone G, et al. **Haematologica (Pavia)** 1984 Nov-Dec;69(6):707-14

[Plasmacytoma of the head of the pancreas: a rare cause of cholestatic jaundice] Jaubert D, et al. **Gastroenterol Clin Biol** 1985 Jun-Jul;9(6-7):532-4 (Eng. Abstr.) **(Fre)**

[Systemic light-chain disease as a complication of plasmacytoma] Grussendorf M, et al. **Dtsch Med Wochenschr** 1984 Sep 14;109(37):1405-9 (Eng. Abstr.) **(Ger)**

[Polyneuropathy as the first sign of osteosclerotic plasmacytoma] Gjerde IO, et al. **Tidsskr Nor Laegeforen** 1984 Oct 30;104(30):2090-2 **(Nor)**

[Amyloidosis and light lambda chain secreting plasmacytoma] Chassot CA, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 May-Jun; 39(3):126-8 (Eng. Abstr.) **(Por)**

[Systemic amyloidosis associated with plasmacytoma. I. Present etiopathogenic findings] Sakalová A, et al. **Vnitr Lek** 1985 Jun;31(6):572-6 (Eng. Abstr.) **(Slo)**

DIAGNOSIS

Renal plasmacytoma: a case report and summary of reported cases. Kandel LB, et al. **J Urol** 1984 Dec;132(6):1167-9

The usefullness of the immunoglobulin P.A.P. method for the prognostic evaluation of head and neck plasmacytoma. Luboinski B, et al. **Pathol Res Pract** 1985 May; 179(6):629-30

[Neuropathy with contractures evoking the stiff-man syndrome. Latent solitary plasmacytoma] Aimard G, et al. **Rev Neurol (Paris)** 1984;140(8-9):510-2 (Eng. Abstr.) **(Fre)**

[Solitary plasmocytoma of the mandible] Laurent F, et al. **Rev Stomatol Chir Maxillofac** 1985;86(1):32-5 (Eng. Abstr.) **(Fre)**

[Subglottic plasmacytoma: diagnosis and prognosis] Schrader M, et al. **HNO** 1985 Mar;33(3):130-3 (Eng. Abstr.) **(Ger)**

[Monoclonal gammopathy of uncertain significance] Boccadoro M, et al. **Haematologica (Pavia)** 1984 Nov-Dec; 69(6):773-5 **(Ita)**

[Apparently solitary plasmacytoma of the thorax] Pischedda F, et al. **Minerva Chir** 1984 Jun 15;39(11):907-11 (Eng. Abstr.) **(Ita)**

[Case of gamma globulin plasmacytoma with atypical course] Szulc M. **Przegl Epidemiol** 1984;38(3):327-9 (Eng. Abstr.) **(Pol)**

DRUG THERAPY

Wavelength and light-dose dependence in tumour phototherapy with haematoporphyrin derivative. van Gemert JC, et al. **Br J Cancer** 1985 Jul;52(1):43-9

Inhibition of plasmacytoma development in BALB/c mice by indomethacin. Potter M, et al. **J Exp Med** 1985 May 1;161(5):996-1012

[Induction of drug resistance to sarcolysine in plasmacytoma line MORC/406] Khomchenovskiĭ EI, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):90-1 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Properties of a DNA repair endonuclease from mouse plasmacytoma cells. Helland DE, et al. **Eur J Biochem** 1985 May 2;148(3):471-7

Specific involvement of calmodulin and non-specific effect of tropomyosin in the sensitivity to ouabain of Na+,K+-ATPase in murine plasmocytoma cells. Lelievre LG, et al. **Eur J Biochem** 1985 Apr 1;148(1):13-9

FAMILIAL & GENETIC

Correlation of undermethylation of intracisternal A-particle genes with expression in murine plasmacytomas but not in NIH/3T3 embryo fibroblasts. Morgan RA, et al. **Cancer Res** 1984 Nov;44(11):5234-41

Transposition of the immunoglobulin heavy chain enhancer to the myc oncogene in a murine plasmacytoma. Corcoran LM, et al. **Cell** 1985 Jan;40(1):71-9

DNA sequences involved in the rearrangement and expression of the murine c-myc gene. Dunnick W, et al. **Curr Top Microbiol Immunol** 1984;113:154-60

Chromosomal aberrations in murine plasmacytomas. Wiener F. **Curr Top Microbiol Immunol** 1984;113:178-82

Modes of c-myc oncogene activation in murine plasmacytomas. Yang JQ, et al. **Curr Top Microbiol Immunol** 1984;113:146-53

Chromosome translocation activates heterogeneously initiated, bipolar transcription of a mouse c-myc gene. Calabi F, et al. **EMBO J** 1985 Mar;4(3):667-74

Variant (6;15) translocations in murine plasmacytomas involve a chromosome 15 locus at least 72 kb from the c-myc oncogene. Cory S, et al. **EMBO J** 1985 Mar; 4(3):675-81

Chromosome translocations clustered 5' of the murine c-myc gene qualitatively affect promoter usage: implications for the site of normal c-myc regulation. Yang JQ, et al. **EMBO J** 1985 Jun;4(6):1441-7

Nonexpression of a major heat shock gene in mouse plasmacytoma MPC-11. Aujame L, et al. **Mol Cell Biol** 1985 Jul;5(7):1780-3

Independent immunoglobulin class-switch events occurring in a single myeloma cell line. Eckhardt LA, et al. **Mol Cell Biol** 1985 Apr;5(4):856-68

Murine T lymphomas with retroviral inserts in the chromosomal 15 locus for plasmacytoma variant translocations. Graham M, et al. **Nature** 1985 Apr 25-May 1;314(6013):740-3

Variant (6 ; 15) translocation in a murine plasmacytoma occurs near an immunoglobulin kappa gene but far from the myc oncogene. Webb E, et al. **Nature** 1984 Dec 20-1985 Jan 2;312(5996):777-9

Translocation affects normal c-myc promoter usage and activates fifteen cryptic c-myc transcription starts in plasmacytoma M603. Prehn J, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):8987-9007

The c-myc oncogene is translocated to the involved chromosome 12 in mouse plasmacytoma. Erikson J, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4212-6

Activation of the c-myc oncogene by the immunoglobulin heavy-chain gene enhancer after multiple switch region-mediated chromosome rearrangements in a murine plasmacytoma. Fahrlander PD, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3746-50

The myc oncogene in mouse plasmacytomagenesis. Potter M. **Surv Synth Pathol Res** 1984;3(6):499-509

IMMUNOLOGY

Solitary extramedullary plasmacytoma of the breast with serum monoclonal protein: a case report and review of the literature. Kirshenbaum G, et al. **Am J Clin Pathol** 1985 Feb;83(2):230-2

Additional evidence for the augmented induction of tumor-specific resistance in vaccinia virus-primed mice by immunization with vaccinia virus-modulated syngeneic tumor cells. Ueda S, et al. **Biken J** 1984 Mar;27(1):1-7

Characterization of MOPC 315 IgA oligosaccharide processing intermediates. Hickman S, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):586-93

ARH-77, an established human IgG-producing myeloma cell line. I. Morphology, B-cell phenotypic marker profile, and expression of Epstein-Barr virus. Drewinko B, et al. **Cancer** 1984 Nov 1;54(9):1883-92

Melphalan-mediated potentiation of antitumor immune responsiveness of immunosuppressed spleen cells from mice bearing a large MOPC-315 tumor. Bocian RC, et al. **Cancer Immunol Immunother** 1984;18(1):41-8

Antitumor and therapeutic effects of spleen cells from tumor-bearing mice cultured with T cell growth factor and soluble tumor extract. Kan N, et al. **Cancer Immunol Immunother** 1984;18(3):215-22

Unrearranged immunoglobulin lambda variable region is transcribed in kappa-producing myelomas. Picard D, et al. **EMBO J** 1984 Dec 1;3(12):3031-5

Effector cell analysis of tumor cell rejection in vivo in two syngeneic tumor systems exhibiting distinct in vitro cytotoxic mechanisms. Fukuzawa M, et al. **Gann** 1984 Oct; 75(10):912-9

An unusual case of plasma cell dyscrasia with gamma heavy chains in the serum and free kappa chains in the urine. Marcenò R, et al. **Haematologica (Pavia)** 1984 Nov-Dec; 69(6):715-20

In vitro development of human monoclonal antibody-secreting plasmacytomas. Doyle A, et al. **Hum Immunol** 1985 Jul;13(3):199-209

Control of B cell proliferation: inhibition of responses to B cell mitogens induced by plasma cell tumors. Berman JE, et al. **J Immunol** 1985 May;134(5):2872-8

Cimetidine reverses tumor growth enhancement of plasmacytoma tumors in mice demonstrating conditioned immunosuppression. Gorczynski RM, et al. **J Immunol** 1985 Jun;134(6):4261-6

Inhibition of growth of MOPC 104E cells in immunosuppressed mice. Hiramoto RN, et al. **J Immunol** 1984 Dec;133(6):3424-8

T cells with FC receptors in myeloma; suppression of growth and secretion of MOPC-315 by T alpha cells. Müller S, et al. **J Immunol** 1985 Jan;134(1):644-7

The murine plasma cell antigen PC-1: purification and partial amino acid sequence. Stearne PA, et al. **J Immunol** 1985 Jan;134(1):443-8

Development of resistance to MOPC-315 plasmacytoma after intralesional and intraperitoneal melphalan therapy of tumor-bearing BALB/c mice. II. Enhancement of in vitro cell-mediated cytotoxicity by combined chemotherapy-immunotherapy. Adler A, et al. **JNCI** 1985 Feb;74(2):429-36

Isolation, purification, and characterization of a mouse plasmacytoma cell surface glycoprotein involved in the resistance of the tumor cells to immune destruction. Rosenstein Y, et al. **JNCI** 1985 Mar;74(3):609-16

Somatic mutation of the T15 heavy chain gives rise to an antibody with autoantibody specificity. Diamond B, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5841-4

[A new selection system of anti-cancer chemotherapeutic agents in consideration of immunosuppression assay--experimental study] Nio Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Feb 20;19(1):8-18 (Eng. Abstr.) **(Jpn)**

[Suppression of immunoglobulin synthesis in myeloma MORS 21 cells by an alkylating oligonucleotide derivative complementary to the mRNA coding for light-chain immunoglobulin] Vlasov VV, et al. **Dokl Akad Nauk SSSR** 1984;276(5):1263-5 **(Rus)**

[Activity of natural killers in monoclonal gammapathies] Pozdniakova LV, et al. **Gematol Transfuziol** 1985 Jun; 30(6):26-9 (Eng. Abstr.) **(Rus)**

METABOLISM

Inhibition of protein synthesis by monoclonal anti-idiotypic antibody-ricin A chain conjugates in MOPC 315 myeloma cells. Marks A, et al. **Anticancer Res** 1985 Jul-Aug; 5(4):431-4

Biochemical and physiochemical characteristics of a pre-B cell stimulating factor produced by the plasmacytoma cell line LICR LON HMY2. Trudgett A, et al. **Clin Exp Immunol** 1985 Mar;59(3):637-43

Formation of lipid-linked oligosaccharides by MOPC 315 plasmacytoma cells. Decreased synthesis by a nonsecretory variant. Hickman S, et al. **J Biol Chem** 1985 May 25; 260(10):6098-106

A human hybrid myeloma for production of human monoclonal antibodies. Kozbor D, et al. **J Immunol** 1984 Dec;133(6):3001-5

Replacement perfusion of cultured eucaryotic cells: a method for the accurate measurement of the rates of growth, protein synthesis and protein turnover. Spanier AM, et al. **Prog Clin Biol Res** 1985;180:645-7

[Plasmacytomas without paraproteins] Ho AD, et al. **Dtsch Med Wochenschr** 1985 May 31;110(22):874-7 (Eng. Abstr.) **(Ger)**

MICROBIOLOGY

Transcription of intracisternal A-particle genes in mouse myeloma and Ltk- cells. Wujcik KM, et al. **J Virol** 1984 Oct;52(1):29-36

PARASITOLOGY

Infection of rodent myeloma Y3-Ag 1.2.3 cells by Trypanosoma cruzi metacyclic trypomastigotes. Chao D, et al. **J Parasitol** 1984 Dec;70(6):1005-7

PATHOLOGY

Plasmacytoma of lymph node. Recurrent lymphadenopathy terminating in plasma cell dyscrasia with polyneuropathy and endocrine disturbances. Sakuma H, et al. **Acta Pathol Jpn** 1984 Sep;34(5):1157-66

Axonal attenuation and secondary segmental demyelination in myeloma neuropathies. Ohi T, et al. **Ann Neurol** 1985 Mar;17(3):255-61

Extramedullary plasmacytoma. Barat M, et al. **Arch Otolaryngol** 1984 Dec;110(12):820-3

In-vitro induction of some features of hairy cell leukemia in chronic lymphocytic leukemia and immunocytoma cells. Ziegler-Heitbrock HW, et al. **Blut** 1985 Jan;50(1):29-31

Extramedullary plasmacytoma of the lung. Amin R. **Cancer** 1985 Jul 1;56(1):152-6

Multiple myeloma in a child. Bernstein SC, et al. **Cancer** 1985 Oct 15;56(8):2143-7

ARH-77, an established human IgG-producing myeloma cell line. II. Growth kinetics, clonogenic capacity, chalone production, xenogeneic transplantations, and response to melphalan. Drewinko B, et al. **Cancer** 1984 Nov 1; 54(9):1893-903

Transformation of chronic lymphocytic leukemia to plasmacytoma. Pines A, et al. **Cancer** 1984 Nov 1; 54(9):1904-7

Inhibition of in vivo growth of murine plasmacytoma MOPC-460 by monoclonal anti-idiotypic antibodies directed at distinct idiotypes of the immunoglobulin on the surface of MOPC-460. Bridges SH, et al. **Cancer Res** 1984 Nov;44(11):5051-5

Multiple steps in the transformation of normal B cells towards neoplasia. Melchers F. **Curr Top Microbiol Immunol** 1984; 113:56-61

The pulmonary plasma cell/histiocytoma complex. Spencer H. **Histopathology** 1984 Nov;8(6):903-16

Primary extramedullary solitary plasmacytoma of conjunctiva--a case report. Vyas MC, et al. **Indian J Ophthalmol** 1984 May-Jun;32(3):181-3

Cloning of plasmacytoma micrometastases from spleen. Lanir N, et al. **J Immunol Methods** 1985 Apr 22;78(2):199-205

Plasmacytoma of the parotid gland. Edney JA, et al. **J Surg Oncol** 1985 Mar;28(3):165-7

Lipopolysaccharide stimulation of plasmacytoma cells. Platica M, et al. **JNCI** 1985 Jan;74(1):197-201

Follicular malignant non-Hodgkin's lymphoma with pronounced plasmacytic differentiation: a plasmacytoma-like lymphoma. Schmid U, et al. **Virchows Arch [A]** 1985;405(4):473-81

[Extramedullary plasmacytoma of the head and neck--a report of 10 cases] Ye YL. **Chung Hua Chung Liu Tsa Chih** 1984 May;6(3):206-9 (Eng. Abstr.) **(Chi)**

[Isolated primary inguinal lymph node plasmocytoma (letter)] Guez T, et al. **Presse Med** 1985 May 4;14(18):1036 **(Fre)**

[Plasmacytoma of the head of the pancreas. Diagnosis by puncture aspiration guided by echography (letter)] Helenon O, et al. **Presse Med** 1984 Dec 1;13(43):2645 **(Fre)**

[IgD plas[illegible]toma] Gassmann W, et al. **Dtsch Med Wochenschr** 1984 Nov 16;109(46):1775-9 (96 ref.) **(Ger)**

[Solitary skeletal lesions as the initial manifestation of systemic hematologic diseases. A contribution to the differential pathologic diagnosis of malignant bone tumors] Kittel G, et al. **Pathologe** 1984 May;5(3):143-7 **(Ger)**

[Laryngeal plasmacytoma. Observations on a clinical case] Pelizza A, et al. **Acta Biomed Ateneo Parmense** 1984; 55(5-6):303-9 (Eng. Abstr.) **(Ita)**

[Monoclonal gammopathies in the aged] Di Diego E, et al. **Minerva Med** 1985 Jun 8;76(24):1129-36 (Eng. Abstr.) **(Ita)**

[Solitary plasmacytoma. A case localized in the tongue] Borio PS, et al. **Minerva Stomatol** 1984 Sep-Oct;33(5):821-6 (Eng. Abstr.) **(Ita)**

[Solitary plasmacytoma of the jaws. A case report of mandibular localization] Ferrari Parabita G, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):263-9 (Eng. Abstr.) **(Ita)**

[Plasmacytoma of the posterior mediastinum] Alekseenko AV, et al. **Klin Khir** 1984 Oct;(10):64 **(Rus)**

[Solitary plasmacytoma] Gilsanz G, et al. **Sangre (Barc)** 1984; 29(5):951-6 **(Spa)**

RADIOGRAPHY

Solitary plasmacytoma of the sternum: diagnosis by computed tomography. Woodring JH, et al. **J Comput Tomogr** 1985 Jan;9(1):17-9

Osteosclerotic plasmacytoma of maxillary bone (orbital floor). Mustoe TA, et al. **J Laryngol Otol** 1984 Sep; 98(9):929-38

Pituitary function with a solitary intrasellar plasmacytoma. Evans PJ, et al. **Postgrad Med J** 1985 Jun;61(716):513-4

RADIONUCLIDE IMAGING

Relative tumour enhancement of 67Ga uptake by desferrioxamine. Hammersley PA. **Eur J Nucl Med** 1984; 9(10):461-71

RADIOTHERAPY

Host regulation of MOPC 104E plasmacytoma after reduction of tumor burden by total body irradiation. Ghanta VK, et al. **Cancer Invest** 1985;3(3):217-23

SECONDARY

[Clinical and diagnostic considerations on a case of pancreatic plasmacytoma] Borgia G, et al. **Minerva Med** 1984 Dec 15;75(47-48):2839-42 (Eng. Abstr.) **(Ita)**

[An autopsy case of extramedullary plasmacytoma with systemic dissemination 2 years after the onset of a localized tumor in the nasal cavity] Akahonai Y, et al. **Gan No Rinsho** 1984 Nov;30(14):1801-6 (Eng. Abstr.) **(Jpn)**

SURGERY

[Inflammatory pseudotumors of the lung apropos of 2 surgical cases] Kilani-Talmoudi T, et al. **Tunis Med** 1983 Jan-Feb; 61(1):27-9 (Eng. Abstr.) **(Fre)**

THERAPY

Sympathectomy inhibits growth of a murine plasmacytoma tumor. Grzanna R, et al. **J Auton Nerv Syst** 1985 Jun; 13(2):149-60

ULTRASTRUCTURE

Characterization of cytoplasmically oriented Golgi proteins with a monoclonal antibody. Chicheportiche Y, et al. **J Cell Biol** 1984 Dec;99(6):2200-10

Primary cutaneous IgA plasmacytoma. Nakamura S, et al. **J Dermatol (Tokyo)** 1984 Oct;11(5):482-6

Russell body-like inclusions in oral B-lymphomas. Kurihara K, et al. **J Oral Pathol** 1984 Dec;13(6):640-9

Plasmacytoma with oncocytic changes. A case report. Posalaky Z, et al. **J Submicrosc Cytol** 1985 Apr;17(2):263-7

PLASMALOGENS

ANALYSIS

A study on erythrocyte membrane plasmalogen in myotonic dystrophy. Antoku Y, et al. **J Neurochem** 1985 Jun; 44(6):1667-71

BIOSYNTHESIS

The cerebro-hepato-renal (Zellweger) syndrome. Impaired de novo biosynthesis of plasmalogens in cultured skin fibroblasts. Schrakamp G, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):170-4

BLOOD

Phospholipid composition of dystrophic chicken erythrocyte plasmalemmae. II. Characterization of a unique lipid from dystrophic erythrocyte membranes as ethanolamine plasmalogen. Kester M, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):121-8

CHEMICAL SYNTHESIS

Semi-synthetic approach for the preparation of homogeneous plasmenylethanolamine utilizing phospholipase D from Streptomyces chromofuscus. Wolf RA, et al. **J Lipid Res** 1985 May;26(5):629-33

HISTORY

The discovery of plasmalogen structure. Rapport MM. **J Lipid Res** 1984 Dec 15;25(13):1522-7

METABOLISM

Identification of plasmalogen as the major phospholipid constituent of cardiac sarcoplasmic reticulum. Gross RW. **Biochemistry** 1985 Mar 26;24(7):1662-8

Identification of neutral active phospholipase C which hydrolyzes choline glycerophospholipids and plasmalogen selective phospholipase A2 in canine myocardium. Wolf RA, et al. **J Biol Chem** 1985 Jun 25;260(12):7295-303

Modification of alkenyl chain profile in plasmalogens of rat heart mitochondria by dietary trielaidin. Wolff RL, et al. **Lipids** 1985 Jun;20(6):367-72

Plasmalogen analysis in erythrocyte membranes of adrenoleukodystrophy. Antoku Y, et al. **Neurology** 1985 Jul;35(7):1051-3

PLASMAPHERESIS

Plasmapheresis and peritoneal dialysis in the management of rapidly progressive glomerulonephritis. Sámik J, et al. **Acta Med Hung** 1984;41(4):287-95

Plasmapheresis in hyperviscosity syndrome. Avnstorp C, et al. **Acta Med Scand** 1985;217(1):133-7

Plasmapheresis and cold sensitivity of immunoglobulin molecules. I. A study of hyperviscosity, cryoglobulinemia, euglobulinemia and macroglobulinemia vera. Waldenström JG, et al. **Acta Med Scand** 1984;216(5):449-66

Plasmapheresis and cold sensitivity of immunoglobulin molecules. II. A study of macroglobulinemia polyclonalis spuria and immune complex disease. Waldenström JG. **Acta Med Scand** 1984;216(5):467-74

Polyneuropathy in Waldenström's macroglobulinaemia: reduction of endoneurial IgM-deposits after treatment with chlorambucil and plasmapheresis. Meier C, et al. **Acta Neuropathol (Berl)** 1984;64(4):297-307

Successful management of thrombocytopenia, microangiopathic anemia, and acute renal failure by plasmapheresis. Hakim RM, et al. **Am J Kidney Dis** 1985 Mar;5(3):170-6

Apheresis in chronic inflammatory demyelinating polyneuropathy and in renal transplantation. Health and Public Policy Committee, American College of Physicians. **Ann Intern Med** 1985 Oct;103(4):630-3

Plasmapheresis and combined immunosuppressive drug therapy in chronic progressive multiple sclerosis. Choosing the patient who should respond. Khatri BO, et al. **Ann NY Acad Sci** 1984;436:389-96

Penicillamine-induced pemphigus foliaceus-like dermatosis. A case with unusual features, successfully treated by plasmapheresis. Bahmer FA, et al. **Arch Dermatol** 1985 May;121(5):665-8

Plasmapheresis in the management of psoriasis. Schuster R, et al. **Arch Dermatol Res** 1985;277(4):330-1

A time for reassessment. Plasmapheresis at maturity [editorial] Tindall R. **Arch Neurol** 1985 Feb;42(2):114-5

Changes in calcium distribution during therapeutic plasmapheresis. Roberts WH, et al. **Arch Pathol Lab Med** 1984 Nov;108(11):881-3

Paraproteinemia associated with demyelinating polyneuropathy or myositis: treatment with plasmapheresis and immunosuppressive drugs. Kiprov DD, et al. **Artif Organs** 1985 Feb;9(1):47-52

Plasmapheresis in paraproteinemia. Euler HH, et al. **Blut** 1985 Jun;50(6):321-30 (83 ref.)

Plasmapheresis in a pregnancy complicated by acute systemic lupus erythematosis. Case report. Thomson BJ, et al. **Br J Obstet Gynaecol** 1985 May;92(5):532-4

Where now for therapeutic apheresis? [editorial] Hamblin T. **Br Med J [Clin Res]** 1984 Sep 29;289(6448):779-80

AIDS--the African connection? [letter] Jones P. **Br Med J [Clin Res]** 1985 Jul 20;291(6489):216

Therapy of acute pancreatitis in systemic lupus erythematosus with plasmapheresis and corticosteroids. Ossi E, et al. **Clin Exp Rheumatol** 1983 Oct-Dec;1(4):345-7

Acute pancreatitis in systemic lupus erythematosus (SLE). Successful treatment with plasmapheresis after failure of prednisone. Zanen S, et al. **Clin Exp Rheumatol** 1983 Oct-Dec;1(4):341-4

Plasmapheresis therapy in immunologically mediated rheumatic and renal diseases. Balow JE, et al. **Clin Immunol Rev** 1984;3(2):235-72 (132 ref.)

Effect of plasmapheresis on cellular immunity abnormalities in patients with systemic lupus erythematosus. Bonomini V, et al. **Clin Nephrol** 1984 Sep;22(3):121-6

Partial recovery of renal function in an oligoanuric patient affected with Goodpasture's syndrome after treatment with steroids, immunosuppressives and plasmapheresis [letter] Fort J, et al. **Clin Nephrol** 1984 Oct;22(4):211-2

Therapeutic plasma exchange: achievements versus expectations. Samtleben W, et al. **Contrib Nephrol** 1985; 44:223-35 (30 ref.)

Refsum's disease: management by diet and plasmapheresis. Hungerbühler JP, et al. **Eur Neurol** 1985;24(3):153-9

Role of plasmapheresis in primary biliary cirrhosis. Cohen LB, et al. **Gut** 1985 Mar;26(3):291-4

Plasmapheresis and cytotoxic drugs for mixed cryoglobulinemia. Valbonesi M, et al. **Haematologia (Budap)** 1984;17(3):341-51

A critical approach to therapeutic apheresis in the management of inflammatory dysimmune polyneuropathies. Valbonesi M, et al. **Haematologia (Budap)** 1985;18(1):33-43

Improved survival in multiple myeloma with combination chemotherapy and plasmapheresis. Wahlin A, et al. **Haematologia (Budap)** 1984;17(4):465-71

Epidemic outbreak of non-A, non-B hepatitis in a plasmapheresis center. II: Clinical observations and a four-year follow-up of patients. Muss N, et al. **Infection** 1985 Mar-Apr;13(2):61-5

Epidemic outbreak of non-A, non-B hepatitis in a plasmapheresis center. I: Epidemiological observations. Muss N, et al. **Infection** 1985 Mar-Apr;13(2):57-60

Amino acid absorption of plasmapheresed serum by resins and charcoal. Alp MH, et al. **Int J Artif Organs** 1985 May; 8(3):141-6

Henoch-Schönlein purpura with severe ileal involvement responding to plasmapheresis. Gaskell H, et al. **Int J Artif Organs** 1985 May;8(3):163-4

Apheresis in rheumatoid arthritis. Hamblin TJ. **Int J Artif Organs** 1984 Jul;7(4):229-30 (17 ref.)

Sterilization of therapeutic immunoadsorbents with aqueous propylene oxide solution. Sato H, et al. **Int J Artif Organs** 1985 Mar;8(2):109-14

Lymphocytoplasmapheresis in multiple sclerosis: preliminary laboratory findings. Ghezzi A, et al. **Ital J Neurol Sci** 1985 Mar;6(1):85-7

Proceedings of the American Society for Apheresis Fifth Annual Apheresis Symposium: Current concepts and future trends. September 30-October 2, 1983. **J Clin Apheresis** 1984;2(1):1-150

The clinical effectiveness and safety of chronic plasmapheresis in patients with primary biliary cirrhosis. Ambinder EP, et al. **J Clin Apheresis** 1985;2(3):219-23

Drug-resistant bronchial asthma successfully treated with plasma exchange. Bambauer R, et al. **J Clin Apheresis** 1984; 2(2):200-5

The need for randomized control trials. Chalmers TC. **J Clin Apheresis** 1984;2(1):105-11

A controlled trial of plasma exchange in rheumatoid arthritis. Giles AR, et al. **J Clin Apheresis** 1984;2(1):119-26

Treatment of thrombotic thrombocytopenic purpura with plasma exchange: five cases. Gupta S, et al. **J Clin Apheresis** 1984;2(2):195-9

Immunosuppressive drug therapy with plasmapheresis in chronic progressive multiple sclerosis: a controlled study. Khatri BO, et al. **J Clin Apheresis** 1984;2(1):135-7

The effect of plasmapheresis and drug immunosuppression on T-cell subsets as defined by monoclonal antibodies. Kiprov DD, et al. **J Clin Apheresis** 1983;1(2):57-63

Membrane plasma exchange: principles and application techniques. Samtleben W, et al. **J Clin Apheresis** 1984; 2(2):163-9

Plasmapheresis versus lymphoplasmapheresis in rheumatoid arthritis: immunologic comparisons and literature review. Wallace DJ, et al. **J Clin Apheresis** 1984;2(2):184-9

Phenytoin pharmacokinetics in therapeutic plasmapheresis. Nasca TJ, et al. **J Clin Pharmacol** 1985 May-Jun; 25(4):302-4

Immunosuppressive agents and plasmapheresis in immunological disorders. Tsokos GC, et al. **J Immunopharmacol** 1985;7(1):1-15 (141 ref.)

Enzyme replacement therapy for infantile hypophosphatasia attempted by intravenous infusions of alkaline phosphatase-rich Paget plasma: results in three additional patients. Whyte MP, et al. **J Pediatr** 1984 Dec; 105(6):926-33

Is there a role for plasmapheresis/exchange transfusion in the treatment of the septic burn patient? McManus WF. **J Trauma** 1984 Sep;24(9 Suppl):S137-45

Current status of therapeutic plasmapheresis and related techniques. Report of the AMA panel on therapeutic plasmapheresis. Council on Scientific Affairs. **JAMA** 1985 Feb 8;253(6):819-25 (117 ref.)

The changes in plasma lipoproteins in a case of heterozygous familial hypercholesterolemia after plasmapheresis. Homma Y, et al. **Jpn J Med** 1984 Aug;23(3):205-10

Plasmapheresis and Factor VIIIC inhibitors [letter] Hambley H, et al. **Lancet** 1985 Feb 2;1(8423):274

The rationale for plasmapheresis in renal graft rejection. Frascà G, et al. **Life Support Syst** 1984 Apr-Jun;2(2):131-6

Plasmapheresis in a patient with rapidly progressive idiopathic IgA nephropathy: removal of IgA-containing circulating immune complexes and clinical recovery. Coppo R, et al. **Nephron** 1985;40(4):488-90

Effect of immunoglobulin substitution during plasmapheresis on serum immunoglobulin and complement concentrations [letter] Zielinski CC, et al. **Nephron** 1985;40(2):253-4

Plasmapheresis and dipyridamole for recurrent focal glomerular sclerosis. Zimmerman SW. **Nephron** 1985; 40(2):241-5

Plasmapheresis and acute Guillain-Barré syndrome. The Guillain-Barré syndrome Study Group. **Neurology** 1985 Aug;35(8):1096-104

Plasmapheresis in Guillain-Barré syndrome [editorial] Dyck PJ, et al. **Neurology** 1985 Aug;35(8):1105-7

Chronic progressive multiple sclerosis: double-blind controlled study of plasmapheresis in patients taking immunosuppressive drugs. Khatri BO, et al. **Neurology** 1985 Mar;35(3):312-9

Plasmapheresis in progressive MS [letter] Khatri BO, et al. **Neurology** 1985 Apr;35(4):614

More on plasmapheresis in chronic progressive MS [letter] Miller RG, et al. **Neurology** 1985 Aug;35(8):1261

Plasmapheresis for the treatment of repeated early pregnancy wastage associated with anti-P. Rock JA, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):57S-60S

Severe preeclampsia with persistent postpartum hemolysis and thrombocytopenia treated by plasmapheresis. Schwartz ML, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):53S-55S

Erythropoietic protoporphyria: therapeutic response to combined erythrocyte exchange and plasmapheresis. Spiva DA, et al. **Photodermatol** 1984 Oct;1(5):211-20

The nonspecific clearance function of the reticuloendothelial system in patients with immune complex mediated diseases before and after therapeutic plasmapheresis. Löw A, et al. **Rheumatol Int** 1985;5(2):69-72

Plasmaleukapheresis decreases fibronectin and alpha-1-antitrypsin concentrations in patients with acute renal transplant rejection. Gelfand MC, et al. **Trans Am Soc Artif Intern Organs** 1984;30:244-7

Apheresis is of value in SLE. Hebert LA. **Trans Am Soc Artif Intern Organs** 1984;30:697

Apheresis is of no value in SLE. Hunsicker LG. **Trans Am Soc Artif Intern Organs** 1984;30:697-9

Role of apheresis in renal diseases. Pohl MA. **Trans Am Soc Artif Intern Organs** 1984;30:696

Factors that influence lymphocyte yields in lymphocytapheresis. Blanchette VS, et al. **Transfusion** 1985 May-Jun;25(3):242-5

Kinetics and mobilization from the spleen of indium-111-labeled platelets during platelet apheresis. Heyns AD, et al. **Transfusion** 1985 May-Jun;25(3):215-8

Successful operation on a haemophiliac with Factor VIII inhibitor treated by plasmapheresis and Factor VIII infusions [letter] Monteagudo J, et al. **Transfusion** 1985 Jan-Feb;25(1):85-6

Successful cardiac surgery following plasmapheresis in a patient with hemophilia B. Raish RJ, et al. **Transfusion** 1985 Mar-Apr;25(2):128-30

Sterility of single-donor apheresis platelets [letter] Szymanski IO. **Transfusion** 1985 May-Jun;25(3):290

[Plasmapheresis in the treatment of active systemic lupus erythematosus refractory to conventional therapy] Ge MZ. **Chung Hua Nei Ko Tsa Chih** 1984 Oct;23(10):602-5 (Eng. Abstr.) **(Chi)**

[Initial experience in the treatment of systemic lupus erythematosus using plasmapheresis] Simčíková B, et al. **Cas Lek Cesk** 1985 Aug 30;124(35):1097-101 (Eng. Abstr.) **(Cze)**

[Production of fresh frozen plasma by machine plasmapheresis] Bacher T, et al. **Ugeskr Laeger** 1985 Feb 18;147(8):700-3 (Eng. Abstr.) **(Dan)**

[Electrophoretic control of serum proteins in donors designated for plasmapheresis. Initial evaluation of the analysis of 3500 donors] Fine JM, et al. **Rev Fr Transfus Immunohematol** 1985 May;28(2):125-36 (Eng. Abstr.) **(Fre)**

[The immunoenzyme technic in the monitoring of plasmapheresis during feto-maternal immunization] Petitclerc C, et al. **Union Med Can** 1985 Mar;114(3):231-3 (Eng. Abstr.) **(Fre)**

[Differential therapy of thrombotic-thrombopenic purpura. Administration of fresh plasma versus plasma separation] Aul C, et al. **Dtsch Med Wochenschr** 1984 Dec 14; 109(50):1922-6 (Eng. Abstr.) **(Ger)**

[Plasmapheresis--an enrichment in the therapy of autoimmune endocrinopathies (letter)] Bambauer R. **Dtsch Med Wochenschr** 1984 Dec 7;109(49):1904 **(Ger)**

[Plasmapheresis--an enrichment in the therapy of autoimmune endocrinopathies?] Schernthaner G. **Dtsch Med Wochenschr** 1984 Oct 12;109(41):1571-4 **(Ger)**

[Improvement in the prognosis of rapid progressive glomerulonephritis by plasmapheresis treatment] Stoffner D, et al. **Lebensversicherungsmedizin** 1985 May 1;37(3):63-6 (Eng. Abstr.) **(Ger)**

[Plasma separation in severe juvenile dermatomyositis] Scharf JW, et al. **Monatsschr Kinderheilkd** 1985 Jan;133(1):49-51 (Eng. Abstr.) **(Ger)**

[Plasmapheresis in extra-intestinal manifestations of Crohn's disease] Dittrich C, et al. **Wien Klin Wochenschr** 1984 Sep 28;96(18):679-84 (Eng. Abstr.) **(Ger)**

[Plasma exchange therapy (plasmapheresis/plasma filtration). I. Technic] Liebert A, et al. **Z Gesamte Inn Med** 1984 Aug 15;39(16):381-3 (Eng. Abstr.) **(Ger)**

[The role of plasmapheresis in the treatment of primary and secondary cryoglobulinemia] Vitti MP, et al. **Minerva Med** 1985 Apr 14;76(16):793-6 (Eng. Abstr.) **(Ita)**

[Lymphoplasmapheresis in the treatment of juvenile rheumatoid arthritis] Bonioli E, et al. **Minerva Pediatr** 1985 Feb 28;37(4):201-5 (Eng. Abstr.) **(Ita)**

[Hemodilution, defibrinogenation and plasmapheresis in hemorheology] Bartolo M. **Ric Clin Lab** 1985;15 Suppl 1:439-54 (Eng. Abstr.) **(Ita)**

[LDL-apheresis in the treatment of familial hypercholesterolemia] Scarpato N, et al. **Ric Clin Lab** 1985; 15 Suppl 1:499-504 (Eng. Abstr.) **(Ita)**

[Multiple myeloma with two serum M components (IgG-lambda, IgA-kappa) and two Bence Jones proteins (lambda, kappa)--evidence for two distinct monoclonal cell populations and effects of chemotherapy and plasmapheresis] Wakui H, et al. **Nippon Naika Gakkai Zasshi** 1984 Dec;73(12):1811-7 **(Jpn)**

[Clinical application of plasmapheresis in liver failure] Hamabe S, et al. **Nippon Rinsho** 1984 Aug;42(8):1845-9 **(Jpn)**

[Clinical study on therapeutic plasmapheresis--mechanism of its efficacy, indications, and the clinical application. f. Drug poisoning and plasmapheresis] Ishibashi A, et al. **Nippon Rinsho** 1984 Aug;42(8):1881-5 **(Jpn)**

[Clinical study on therapeutic plasmapheresis--mechanism of its efficacy, indications, and clinical application. d. Hyperviscosity syndrome] Ito K. **Nippon Rinsho** 1984 Aug; 42(8):1870-4 **(Jpn)**

[Clinical study on therapeutic plasmapheresis--mechanism of its efficacy, indications, and and clinical application. c. Therapy of familial hypercholesterolemia by plasmapheresis] Kikkawa T. **Nippon Rinsho** 1984 Aug; 42(8):1866-9 **(Jpn)**

[Clinical study on therapeutic plasmapheresis—mechanism of its efficacy, indications, and the clinical application. j. Endocrine diseases] Kishino B, et al. **Nippon Rinsho** 1984 Aug;42(8):1905-7 **(Jpn)**

[Plasma protein binding substances] Maeda K. **Nippon Rinsho** 1984 Aug;42(8):1838-44 (25 ref.) **(Jpn)**

[Clinical study on therapeutic plasmapheresis--mechanism of its efficacy, indications, and the clinical application. g. Plasmapheresis for patients with advanced cancer]

Nakanishi K, et al. **Nippon Rinsho** 1984 Aug;42(8):1886–92 (Jpn)

[History and concept of plasma modulation] Ota K. **Nippon Rinsho** 1984 Aug;42(8):1745–51 (Jpn)

[Progress in membrane technology and plasmapheresis] Ozawa K, et al. **Nippon Rinsho** 1984 Aug;42(8):1803–9 (Jpn)

[Clinical study on therapeutic plasmapheresis--mechanism of its efficacy, indications, and the clinical application. e. Liver failure] Sakai T. **Nippon Rinsho** 1984 Aug; 42(8):1875–80 (15 ref.) (Jpn)

[Clinical study on therapeutic plasmapheresis--mechanism of its efficacy, indications, and the clinical application. h. Glomerulonephritis] Sato M, et al. **Nippon Rinsho** 1984 Aug;42(8):1893–9 (22 ref.) (Jpn)

[Clinical study on therapeutic plasmapheresis--mechanism of its efficacy, indications, and the clinical application. k. Nervous system diseases] Sato T, et al. **Nippon Rinsho** 1984 Aug;42(8):1908–13 (Jpn)

[Clinical study on therapeutic plasmapheresis--mechanism of its efficacy, indications, and clinical application. b. Removal of antigen-antibody complex and clinical indications] Shiokawa Y. **Nippon Rinsho** 1984 Aug; 42(8):1861–5 (14 ref.) (Jpn)

[Clinical study on therapeutic plasmapheresis--mechanism of its efficacy, indications, and the clinical application. l. Kidney transplantation] Tajima A, et al. **Nippon Rinsho** 1984 Aug;42(8):1900–4 (15 ref.) (Jpn)

[Plasmapheresis and biological reactions] Yamazaki Z, et al. **Nippon Rinsho** 1984 Aug;42(8):1914–9 (18 ref.) (Jpn)

[Clinical study on therapeutic plasmapheresis--mechanism of its efficacy, indication, and clinical application. a. Removal of antibodies and the clinical indications] Yokohari R, et al. **Nippon Rinsho** 1984 Aug;42(8):1855–60 (31 ref.) (Jpn)

[Treatment of intractable intrahepatic cholestasis with plasmapheresis] Okumura H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Aug;81(8):1810–6 (Eng. Abstr.) (Jpn)

[A study of plasmapheresis in a case of primary macroglobulinemia associated with intraventricular hemorrhage] Fujii H. **Rinsho Ketsueki** 1984 Sep; 25(9):1466–72 (Eng. Abstr.) (Jpn)

[Thrombotic thrombocytopenic purpura (TTP) with a remission following splenectomy after the failure of antiplatelet therapy and plasmapheresis] Nagata K, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1699–704 (Eng. Abstr.) (Jpn)

[Plasmapheresis and immunosuppressive drugs in the treatment of multiple sclerosis] Cendrowski W. **Neurol Neurochir Pol** 1984 May-Jun;18(3):259–62 (12 ref.) (Pol)

[Plasmapheresis in the treatment of nervous system diseases] Zaleska B. **Neurol Neurochir Pol** 1984 Sep-Oct; 18(5):409–13 (Pol)

[Control of blood viscosity--reality and hopes] Sułek K. **Pol Arch Med Wewn** 1984 Apr;71(4):209–14 (Pol)

[Indicators of cellular immunity in donors of antistaphylococcal plasma] Konstantinov VN, et al. **Gematol Transfuziol** 1985 May;30(5):35–9 (Eng. Abstr.) (Rus)

[Exchange plasmapheresis in the complex treatment of severe purulent-septic complications of acute surgical diseases of the organs of the abdominal cavity] Sazonov AM, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):116–9 (Rus)

[New methods of immunocorrective therapy of various diseases of the internal organs] Miterev IuG. **Klin Med (Mosk)** 1984 Jul;62(7):3–10 (Rus)

[Experience with using lymphocytoplasmapheresis in the urethro- oculosynovial syndrome] Gembitskiĭ EV, et al. **Revmatologiia (Moskva)** 1985 Jan-Mar;(1):6–9 (Eng. Abstr.) (Rus)

[Association of glomerulonephritis in essential mixed cryoglobulinemia with IgA nephropathy. Effect of treatment with plasmapheresis and chlorbutin] Andreeva NE, et al. **Ter Arkh** 1984;56(7):97–9 (Rus)

[Treatment of patients with neurodermatitis by exchange plasmapheresis] Bazuka AP, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):50–3 (Eng. Abstr.) (Rus)

[Use of plasmapheresis in dermatology] Gadzhiev RG, et al. **Vestn Dermatol Venerol** 1985 Jun;(6):40–4 (Eng. Abstr.) (Rus)

[Study of the immunocorrecting effect of hemosorption with plasmapheresis in neurodermatitis] Glukhen'kaia AB. **Vestn Dermatol Venerol** 1984 Aug;(8):6–8 (Eng. Abstr.) (Rus)

[Use of plasmacytopheresis in surgery] Ryzhkov SV, et al. **Vestn Khir** 1984 Nov;133(11):143–5 (14 ref.) (Rus)

[Therapeutic plasmapheresis (review of the literature)] Terekhov NT, et al. **Vrach Delo** 1984 Dec;(12):4–9 (Rus)

[The effect of long-term plasmapheresis on the composition of blood. III. Changes in the concentration of total, direct and indirect bilirubin, alkaline phosphatase, serum transaminases (SGOT, SGPT). total lipids, triglycerides and cholesterol] Grgičević D. **Bilt Hematol Transfuz** 1983; 11(2–3):39–50 (Eng. Abstr.) (Scr)

[Work on the Haemonetics 30 blood cell separator] Tomašević R, et al. **Bilt Hematol Transfuz** 1984; 12(2):105–13 (Eng. Abstr.) (Scr)

[Essential monoclonal cryoglobulinemia] Carrasco M, et al. **Rev Med Chil** 1984 Nov;112(11):1149–52 (Eng. Abstr.) (Spa)

[Plasmapheresis and hyperviscosity syndrome] Corral Alonso M, et al. **Sangre (Barc)** 1984;29(5):940–50 (Spa)

ADVERSE EFFECTS

Metabolic alkalosis due to plasmapheresis. Pearl RG, et al. **Am J Med** 1985 Sep;79(3):391–3

Apheresis donor safety--changes in humoral and cellular immunity. Strauss RG. **J Clin Apheresis** 1984;2(1):68–80

How much plasma, relative to his body weight, can a donor give over a certain period without a continuous deviation of his plasma protein metabolism in the direction of plasma protein deficiency? **Vox Sang** 1984;47(6):435–48

[Complications and adverse effects of plasmapheresis and their incidences] Yuasa S. **Nippon Rinsho** 1984 Aug; 42(8):1920–9 (41 ref.) (Jpn)

INSTRUMENTATION

New products for blood treatment. Sigdell JE. **Artif Organs** 1985 May;9(2):207–8

Biochemical and clinical evaluation of a new cellulose diacetate secondary filter for cascade filtration. Valbonesi M, et al. **Int J Artif Organs** 1985 Mar;8(2):105–8

Comparison of filtration to continuous-flow centrifugation for plasma exchange. Wood L, et al. **J Clin Apheresis** 1984; 2(2):155–62

Effect of membrane dimensions and shear rate on plasma filtration for hollow fibers. Jaffrin MY, et al. **Trans Am Soc Artif Intern Organs** 1984;30:401–5

Performance evaluation of conventional and modified double filtration plasmapheresis (DFPP). Mineshima M, et al. **Trans Am Soc Artif Intern Organs** 1984;30:665–70

Biocompatibility of membrane plasma separation. Takaoka T, et al. **Trans Am Soc Artif Intern Organs** 1984;30:347–52

[Electrothermic cold aggregate for cryoprecipitation in plasma separation] Schultheis R, et al. **Biomed Tech (Berlin)** 1984 Jun;29(6):151–5 (Eng. Abstr.) (Ger)

[Comparison of capabilities of plasmapheresis instruments] Agishi T. **Nippon Rinsho** 1984 Aug;42(8):1817–26 (Jpn)

[Biotechnological requirements of plasmapheresis and hemofiltration instruments] Ozawa K, et al. **Nippon Rinsho** 1984 Aug;42(8):1810–6 (Jpn)

[The intravenous catheter for hemodialysis and plasmapheresis (experience with 40 catheters in 26 consecutive patients)] Pasini J, et al. **Lijec Vjesn** 1985 Jun; 107(6):251–3 (Eng. Abstr.) (Scr)

METHODS

Lymphocytapheresis therapy in multiple sclerosis, a preliminary study. Medaer R, et al. **Acta Neurol Scand** 1984 Aug;70(2):111–5

Analytical comparison of single-pass and dead-end operation in cascade filtration plasmapheresis. Lysaght MJ, et al. **Artif Organs** 1984 Nov;8(4):481–7

Membrane plasmapheresis. Glöckner WM, et al. **Biomed Tech (Berlin)** 1984 Jun;29(6):146–50

Efficacy of discontinuous flow centrifugation compared with cascade filtration in Waldenstrom's macroglobulinemia: a pilot study. Valbonesi M, et al. **Int J Artif Organs** 1985 May;8(3):165–8

Intensive plasma exchange in pediatric patients. Kevy SV, et al. **J Clin Apheresis** 1984;2(1):95–7

The role of a medical technologist in an apheresis unit. Sigmon JM. **J Clin Apheresis** 1984;2(1):7–16

Membrane apheresis: principles, problems and applications. Farrell PC. **Life Support Syst** 1984 Oct-Dec;2(4):300–3

Effects of double filtration plasmapheresis on immunosuppressive activity of sera of the patients with advanced cancer. Miyazaki M, et al. **Life Support Syst** 1985 Jan-Mar;3(1):92–4

A practical method of therapeutic plasmapheresis. Talonu T. **Papua New Guinea Med J** 1983 Sep-Dec;26(3–4):228–30

Molecular selectivity of cryofiltration plasmapheresis: a reappraisal. Blumenstein M, et al. **Trans Am Soc Artif Intern Organs** 1984;30:248–53

The role of shear during membrane plasmapheresis: a dynamic approach. Dunleavy MJ, et al. **Trans Am Soc Artif Intern Organs** 1984;30:657–64

Blood cell effects in membrane plasma separation. Malchesky PS, et al. **Trans Am Soc Artif Intern Organs** 1984;30:313–9

Methods available for plasma component removal. Smith JW. **Trans Am Soc Artif Intern Organs** 1984;30:694–5

Cryopheresis in the treatment of systemic lupus erythematosus. Stewart DW, et al. **Trans Am Soc Artif Intern Organs** 1984;30:222–6

Iso-oncotic membrane plasmapheresis with predilution. Williams TE, et al. **Trans Am Soc Artif Intern Organs** 1984; 30:31–5

Membrane cascade plasmapheresis: theoretical analysis and in vitro studies. Shettigar UR, et al. **Uremia Invest** 1984; 8(1):25–34

[Plasma exchange therapy (plasmapheresis/plasmafiltration). II. Indications and complications] Quietzsch D, et al. **Z Gesamte Inn Med** 1984 Oct 15;39(20):493–500 (Eng. Abstr.) (Ger)

[Continuous plasma filtration. Experiences in the treatment of pemphigus vulgaris] Vennemann F, et al. **Z Hautkr** 1984 Aug 15;59(16):1075–9 (Eng. Abstr.) (Ger)

[Plasmapheresis by centrifugation] Hayashi R, et al. **Nippon Rinsho** 1984 Aug;42(8):1764–73 (Jpn)

[Blood access for extracorporeal circulation] Iwamoto H, et al. **Nippon Rinsho** 1984 Aug;42(8):1827–31 (Jpn)

[Membrane plasmapheresis. a. The single membrane and double filtration methods] Kaneko I, et al. **Nippon Rinsho** 1984 Aug;42(8):1752–7 (Jpn)

[Membrane plasmapheresis. b. Cryofiltration] Matsubara S, et al. **Nippon Rinsho** 1984 Aug;42(8):1758–63 (Jpn)

[The choice of plasma substitutes and methods of their application] Nakane Y, et al. **Nippon Rinsho** 1984 Aug; 42(8):1832–7 (17 ref.) (Jpn)

[Plasmapheresis by adsorption. a. Physico-chemical adsorption method] Odaka M, et al. **Nippon Rinsho** 1984 Aug;42(8):1774–83 (20 ref.) (Jpn)

[Plasma modulation: molecular weights and the choice of the blood substances to be removed] Saito A. **Nippon Rinsho** 1984 Aug;42(8):1796–802 (Jpn)

[Plasmapheresis by adsorption. b. Immunoadsorption] Yamazaki Z, et al. **Nippon Rinsho** 1984 Aug;42(8):1784–95 (38 ref.) (Jpn)

[Hemodynamic and biochemical indicators of the blood in filtration plasmapheresis] Zakharchenko VN, et al. **Gematol Transfuziol** 1985 Feb;30(2):31–4 (Eng. Abstr.) (Rus)

[Lymphocytopheresis and plasmapheresis in rheumatoid arthritis] Dubrovina NA, et al. **Revmatologiia (Moskva)** 1984 Jul-Sep;(3):9–12 (Eng. Abstr.) (Rus)

[Treatment of pruritus and polyneuropathy in patients with chronic renal failure by intermittent plasmapheresis] Vorob'ev PA, et al. **Ter Arkh** 1984;56(11):91–4 (Eng. Abstr.) (Rus)

[Use of plasmapheresis for the preoperative preparation of toxic goiter patients] Neĭmark II, et al. **Vestn Khir** 1985 Apr;134(4):106–10 (Eng. Abstr.) (Rus)

[Therapeutic use of plasmapheresis using filtration in 15 patients] Glavaš-Boras S, et al. **Lijec Vjesn** 1985 Jun; 107(6):253–7 (Eng. Abstr.) (Scr)

NURSING

Responsibilities of the registered nurse in the apheresis laboratory. Passow J, et al. **J Clin Apheresis** 1984;2(1):1–6

TRENDS

[New trends in cellular apheresis] Massuet i Bosch L. **Sangre (Barc)** 1984;29(4–C):664–7 (39 ref.) (Spa)

UTILIZATION

Apheresis in the pediatric patient. Kasprisin CA, et al. **J Clin Apheresis** 1984;2(1):91–4

VETERINARY

Plasmapheresis as adjuvant therapy for autoimmune hemolytic anemia in two dogs. Matus RE, et al. **J Am Vet Med Assoc** 1985 Apr 1;186(7):691–3

PLASMIDS

Outer membrane proteins and plasmids in different Yersinia enterocolitica serogroups isolated from man and animals. Kapperud G, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Feb; 93(1):27–35

How does Rop work? Banner DW, et al. **Adv Exp Med Biol** 1984;179:215–9

Replication functions encoded by the plasmid pSC101. Churchward G, et al. **Adv Exp Med Biol** 1984;179:209–14

Gene A protein interacting with recombinant plasmid DNAs containing 25–30 b.p. of the phi X174 replication origin. Fluit AC, et al. **Adv Exp Med Biol** 1984;179:231–40

Function and properties of RP4 DNA primase. Lanka E, et al. **Adv Exp Med Biol** 1984;179:265–80

Nucleotide sequences of the genes for Escherichia coli heat-stable enterotoxin I of bovine, avian, and porcine origins. Sekizaki T, et al. **Am J Vet Res** 1985 Apr; 46(4):909–12

Plasmid content and pathogenicity of Campylobacter jejuni and Campylobacter coli strains in the pregnant guinea pig model. Taylor DE, et al. **Am J Vet Res** 1984 Oct; 45(10):2201–2

Plasmid-mediated antibiotic resistance and colicinogeny among Salmonellae in Rio de Janeiro, Brazil. Vinhas SA, et al. **An Acad Bras Cienc** 1984 Sep;56(3):319–22

Primer-directed mutagenesis of linearized plasmids. Hollenberg SM, et al. **Anal Biochem** 1984 Dec;143(2):341–9

Purification of RNA-free plasmid DNA using alkaline extraction followed by Ultrogel A2 column chromatography. Micard D, et al. **Anal Biochem** 1985 Jul; 148(1):121–6

Envelope protein changes, autoagglutination, sensitivity to hydrophobic agents and a conditional division lesion in Escherichia coli strains carrying ColV virulence plasmids. Rowbury RJ, et al. **Ann Inst Pasteur Microbiol** 1985 Jan-Feb;136A(1):147–57

Role of the virulence-associated plasmids of Yersinia enterocolitica on its immunogenicity against Y. pestis. Mazigh D, et al. **Ann Microbiol (Paris)** 1984 Nov-Dec; 135B(3):283–90

Clonal distribution of multiple-drug-resistant Shigella sonnei strains: identification by means of plasmid pattern analysis. Tietze E, et al. **Ann Microbiol (Paris)** 1984 Sep-Oct; 135B(2):155–64

The relationship of plasmid-mediated iron transport and bacterial virulence. Crosa JH. **Annu Rev Microbiol** 1984; 38:69-89 (197 ref.)

Plasmid-mediated fosfomycin resistance is due to enzymatic modification of the antibiotic. Llaneza J, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):163-4

Gentamicin uptake in Staphylococcus aureus possessing plasmid-encoded, aminoglycoside-modifying enzymes. Mandel LJ, et al. **Antimicrob Agents Chemother** 1984 Oct; 26(4):563-9

Five novel plasmid-determined beta-lactamases. Medeiros AA, et al. **Antimicrob Agents Chemother** 1985 May; 27(5):715-9

Plasmid-borne or chromosomally mediated resistance by Tn7 is the most common response to ubiquitous use of trimethoprim. Steen R, et al. **Antimicrob Agents Chemother** 1985 Jun;27(6):933-7

Survey of plasmids and resistance factors in Campylobacter jejuni and Campylobacter coli. Tenover FC, et al. **Antimicrob Agents Chemother** 1985 Jan;27(1):37-41

Plasmid-determined cloacin DF13-susceptibility in Enterobacter cloacae and Klebsiella edwardsii; identification of the cloacin DF13/aerobactin outer membrane receptor proteins. Krone WJ, et al. **Antonie Van Leeuwenhoek** 1985;51(2):203-18

Investigation by pyrolysis mass spectrometry, phage pattern and plasmid analysis of staphylococci that have reverted from 'L'-phase to bacterial phase. Schönfeld JK, et al. **Antonie Van Leeuwenhoek** 1985;51(1):25-32

Evidence for plasmid- and chromosome-borne multiple nif genes in Rhizobium fredii. Barbour WM, et al. **Appl Environ Microbiol** 1985 Jul;50(1):41-4

IncH plasmids in Escherichia coli strains isolated from broiler chicken carcasses. Chaslus-Dancla E, et al. **Appl Environ Microbiol** 1985 Apr;49(4):1016-8

pULB113, an RP4::mini-Mu plasmid, mediates chromosomal mobilization and R-prime formation in Erwinia amylovora, Erwinia chrysanthemi, and subspecies of Erwinia carotovora. Chatterjee AK, et al. **Appl Environ Microbiol** 1985 Jul;50(1):1-9

Plasmid associated with diplococcin production in Streptococcus. Davey GP. **Appl Environ Microbiol** 1984 Oct;48(4):895-6

Construction of a cosmid clone library of Pseudomonas syringae pv. phaseolicola and isolation of genes by functional complementation. Ehrenshaft M, et al. **Appl Environ Microbiol** 1985 Jul;50(1):169-71

Transformation of Streptococcus sanguis Challis with Streptococcus lactis plasmid DNA. Harlander SK, et al. **Appl Environ Microbiol** 1984 Aug;48(2):342-6

Cloning and expression of a Streptococcus cremoris proteinase in Bacillus subtilis and Streptococcus lactis. Kok J, et al. **Appl Environ Microbiol** 1985 Jul;50(1):94-101

Construction of plasmid cloning vectors for lactic streptococci which also replicate in Bacillus subtilis and Escherichia coli. Kok J, et al. **Appl Environ Microbiol** 1984 Oct;48(4):726-31

Plasmid transformation of Streptococcus lactis protoplasts: optimization and use in molecular cloning. Kondo JK, et al. **Appl Environ Microbiol** 1984 Aug;48(2):252-9

Characterization and molecular cloning of cryptic plasmids isolated from Lactobacillus casei. Lee-Wickner LJ, et al. **Appl Environ Microbiol** 1985 May;49(5):1154-61

Common occurrence of plasmid DNA and vancomycin resistance in Leuconostoc spp. Orberg PK, et al. **Appl Environ Microbiol** 1984 Dec;48(6):1129-33

Large-scale preparation of ribulosebisphosphate carboxylase from a recombinant system in Escherichia coli characterized by extreme plasmid instability. Pierce J, et al. **Appl Environ Microbiol** 1985 May;49(5):1094-100

Mobilization of Thiobacillus ferrooxidans plasmids among Escherichia coli strains. Rawlings DE, et al. **Appl Environ Microbiol** 1985 May;49(5):1323-5

Plasmids in Clostridium botulinum and related Clostridium species. Strom MS, et al. **Appl Environ Microbiol** 1984 Nov; 48(5):956-63

A stable plasmid vector and control of its copy number in Bacillus brevis 47, a protein-producing bacterium. Yamagata H, et al. **Appl Environ Microbiol** 1985 May; 49(5):1076-9

Genetic manipulation of the restricted facultative methylotroph Hyphomicrobium X by the R-plasmid-mediated introduction of the Escherichia coli pdh genes. Dijkhuizen L, et al. **Arch Microbiol** 1984 Nov; 139(4):311-8

Introduction of plasmid pC194 into Bacillus thuringiensis by protoplast transformation and plasmid transfer. Fischer HM, et al. **Arch Microbiol** 1984 Oct;139(2-3):213-7

Plasmids in methanotrophic bacteria: isolation, characterization and DNA hybridization analysis. Lidstrom ME, et al. **Arch Microbiol** 1984 Nov;140(1):27-33

The plasmids of Deinococcus spp. and the cloning and restriction mapping of the D. radiophilus plasmid pUE1. Mackay MW, et al. **Arch Microbiol** 1985 Feb;141(1):91-4

A newly-isolated marine methanogen harbors a small cryptic plasmid. Wood AG, et al. **Arch Microbiol** 1985 Aug; 142(3):259-61

Physiological properties and plasmid content of Bacteroides spp. Riley TV, et al. **Aust J Exp Biol Med Sci** 1984 Dec; 62 (Pt 6):717-26

Plasmids in bacteria. **Basic Life Sci** 1985;30:1-995

Evolutionary relevance of genetic rearrangements involving plasmids. Arber W, et al. **Basic Life Sci** 1985;30:21-31

The partition functions of P1, P7, and F miniplasmids. Austin S, et al. **Basic Life Sci** 1985;30:215-26

Effect of chromosome homology of plasmid transformation and plasmid conjugal transfer in Haemophilus influenzae. Balganesh M, et al. **Basic Life Sci** 1985;30:571-84

DNA-protein interaction at the replication origins of plasmid chromosomes. Bastia D, et al. **Basic Life Sci** 1985; 30:397-414

Insertion of transcriptional elements outside the replication region can interfere with replication, maintenance, and stability of Co1E1-derived plasmids. Bujard H, et al. **Basic Life Sci** 1985;30:45-52

Studies on the transposition of IS1. Chandler M, et al. **Basic Life Sci** 1985;30:53-77

Conjugal plasmid transfer in Bacillus thuringiensis. Chapman JS, et al. **Basic Life Sci** 1985;30:453-67

General genetic recombination of bacterial plasmids. Cohen A, et al. **Basic Life Sci** 1985;30:505-19

Partitioning of the pSC101 plasmid during cell division. Cohen SN, et al. **Basic Life Sci** 1985;30:383-95

Report on a workshop: plasmid cloning vehicles. Collins J, et al. **Basic Life Sci** 1985;30:663-5

Plasmid-mediated iron sequestering systems in pathogenic strains of Vibrio anguillarum and Escherichia coli. Crosa JH, et al. **Basic Life Sci** 1985;30:759-74

Plasmids as organisms. Datta N. **Basic Life Sci** 1985;30:3-16

Plasmid and larval toxin of Bacillus laterosporus. Fan YL, et al. **Basic Life Sci** 1985;30:835-8

Genetic interactions of broad host-range plasmid RK2: evidence for a complex replication regulon. Figurski DH, et al. **Basic Life Sci** 1985;30:227-41

Role of the pi initiation protein and direct nucleotide sequence repeats in the regulation of plasmid R6K replication. Filutowicz M. et al. **Basic Life Sci** 1985; 30:125-40

Plasmids in the degradation of chlorinated aromatic compounds. Ghosal D, et al. **Basic Life Sci** 1985;30:667-86

Structure, function, and regulation of the plasmid-encoded hemolysin determinant of Escherichia coli. Goebel W, et al. **Basic Life Sci** 1985;30:791-805

The origin of plasmid DNA transfer during bacterial conjugation. Guiney DG, et al. **Basic Life Sci** 1985; 30:521-34

Notes on metabolic plasmid organization and expression. Gunsalus IC. **Basic Life Sci** 1985;30:687-706

Repeated DNA sequences recombine 1,000 times more frequently in a plasmid than in the chromosome of Bacillus subtilis. Jannière L, et al. **Basic Life Sci** 1985;30:93-103

Initiation of replication of the Escherichia coli chromosomal origin reconstituted with purified enzymes. Kaguni JM, et al. **Basic Life Sci** 1985;30:141-50

Shuttle vector for Escherichia coli, Pseudomonas putida, and Pseudomonas aeruginosa. Lushnikov AA, et al. **Basic Life Sci** 1985;30:657-62

Positive regulation and transcription initiation of xyl operons on TOL plasmid. Nakazawa T, et al. **Basic Life Sci** 1985; 30:415-29

Stable maintenance of plasmid Clo DF13: structural and functional relationships between replication control, partitioning, and incompatibility. Nijkamp HJ, et al. **Basic Life Sci** 1985;30:283-98

Control of plasmid replication: theoretical considerations and practical solutions. Nordström K. **Basic Life Sci** 1985; 30:189-214

Replication control for pT181, an indirectly regulated plasmid. Novick RP, et al. **Basic Life Sci** 1985;30:299-320

Construction of Co1E1 RNA1 mutants and analysis of their function in vivo. Polisky B, et al. **Basic Life Sci** 1985; 30:321-33

Control of chromosome replication in bacteria. Pritchard RH. **Basic Life Sci** 1985;30:277-82

The structure and source of plasmid DNA determine the cloning properties of vectors for Bacillus subtilis. Rabinovich PM, et al. **Basic Life Sci** 1985;30:635-56

Incompatibility and IncFII plasmid replication control. Rownd RH, et al. **Basic Life Sci** 1985;30:335-54

Linear plasmids with terminal inverted repeats obtained from Streptomyces rochei and Kluyveromyces lactis. Sakaguchi K, et al. **Basic Life Sci** 1985;30:433-51

Report on a workshop: structure and function. Schmitt R. **Basic Life Sci** 1985;30:17-9

Replication determinants of the broad host-range plasmid RSF1010. Scholz P, et al. **Basic Life Sci** 1985;30:243-59

Regulation of replication and maintenance functions of broad host-range plasmid RK2. Thomas CM, et al. **Basic Life Sci** 1985;30:261-76

Plasmid DNA primases and their role in bacterial conjugation. Wilkins BM, et al. **Basic Life Sci** 1985; 30:585-603

The plasmid-specified aerobactin iron uptake system of Escherichia coli. Williams PH, et al. **Basic Life Sci** 1985; 30:741-57

Eight DNA insertion events of Agrobacterium tumefaciens Ti-plasmids in isogenic sunflower genomes are all distinct. Ursic D. **Biochem Biophys Res Commun** 1985 Aug 30; 131(1):152-9

Competition between plasmid-positive and plasmid-negative cells. Caulcott CA. **Biochem Soc Trans** 1984 Dec; 12(6):1140-2

Interaction of bleomycin A2 with deoxyribonucleic acid: DNA unwinding and inhibition of bleomycin-induced DNA breakage by cationic thiazole amides related to bleomycin A2. Fisher LM, et al. **Biochemistry** 1985 Jun 18;24(13):3199-207

Measurement of DNA-protein equilibria using gel chromatography: application to the HinfI restriction endonuclease. Frankel AD, et al. **Biochemistry** 1985 Jun 4;24(12):3049-54

Physical properties of a plasmid-like DNA from Euglena gracilis. Cook JR, et al. **Biochim Biophys Acta** 1985 Jan 29;824(1):80-3

Purification and characterization of Escherichia coli xanthine-guanine phosphoribosyltransferase produced by plasmid pSV2gpt. Deo SS, et al. **Biochim Biophys Acta** 1985 May 8;839(3):233-9

Synthesis and processing of 5 S rRNA from an rrnB minigene in a plasmid. Szeberényi J, et al. **Biochim Biophys Acta** 1984 Oct 5;783(1):15-25

A well transformable E. coli tdk-strain--suitable for direct rescue of tk gene plasmids from mammalian cells. Kaehler R, et al. **Biomed Biochim Acta** 1984;43(11):K25-9

Dynamic light-scattering studies on thermal motions of native DNAs in solution. Soda K, et al. **Biophys Chem** 1984 Oct;20(3):185-200

Conformation of LiDNA in solutions of LiCl. Borochov N, et al. **Biopolymers** 1984 Sep;23(9):1757-69

Evidence for an interwound form for the superhelix in circular DNA. Brady GW, et al. **Biopolymers** 1984 Dec; 23(12):2963-6

Raman spectrum of a closed-circular DNA. Hayashi H, et al. **Biopolymers** 1985 Jun;24(6):1107-11

Electron microscopy of the melting of sequenced DNA. Kalambet YuA, et al. **Biopolymers** 1985 Feb;24(2):359-77

Influence of supercoiling on DNA structure: laser Raman spectroscopy of the plasmid pBR322. Vasmel H. **Biopolymers** 1985 Jun;24(6):1001-8

The immunity genes of colicins E2 and E8 are closely related. Lau PC, et al. **Biosci Rep** 1984 Jul;4(7):565-72

Stable maintenance in chemostat-grown Escherichia coli of pBR322 and pACYC184 by disruption of the tetracycline resistance gene. Vernet T, et al. **Biosci Rep** 1985 Jan; 5(1):29-37

Rapid large-scale purification of plasmid DNA by medium or low pressure gel filtration. Application: construction of thermoamplifiable expression vectors. Vo-Quang T, et al. **Biosci Rep** 1985 Feb;5(2):101-11

Bacterial resistance to antifolate chemotherapeutic agents mediated by plasmids. Smith JT, et al. **Br Med Bull** 1984 Jan;40(1):42-6 (45 ref.)

In vitro recombination of bacteriophage T7 DNA: further characterization of the reaction using plasmid DNA. Lee D, et al. **Can J Biochem Cell Biol** 1985 Apr;63(4):243-8

Enterotoxin plasmids in bovine and porcine enterotoxigenic Escherichia coli of O groups 9, 20, 64 and 101. Harnett NM, et al. **Can J Comp Med** 1985 Jan;49(1):79-87

Serology and plasmid carriage in Vibrio cholerae. Newland JW, et al. **Can J Microbiol** 1984 Sep;30(9):1149-56

Properties of rat cells transformed by DNA plasmids containing adenovirus type 12 E1 DNA or specific fragments of the E1 region: comparison of transforming frequencies. Gallimore PH, et al. **Cancer Res** 1985 Jun; 45(6):2670-80

Recombination site selection by Tn3 resolvase: topological tests of a tracking mechanism. Benjamin HW, et al. **Cell** 1985 Jan;40(1):147-58

E. coli integration host factor binds to specific sites in DNA. Craig NL, et al. **Cell** 1984 Dec;39(3 Pt 2):707-16

Transfer of yeast telomeres to linear plasmids by recombination. Dunn B, et al. **Cell** 1984 Nov;39(1):191-201

Genes with promoters in retrovirus vectors can be independently suppressed by an epigenetic mechanism. Emerman M, et al. **Cell** 1984 Dec;39(3 Pt 2):449-67

Control of ColE1 plasmid replication: enhancement of binding of RNA I to the primer transcript by the Rom protein. Tomizawa J, et al. **Cell** 1984 Oct;38(3):871-8

Control of ColE1 plasmid replication: the process of binding of RNA I to the primer transcript. Tomizawa J. **Cell** 1984 Oct;38(3):861-70

Control of ColE1 plasmid replication: initial interaction of RNA I and the primer transcript is reversible. Tomizawa J. **Cell** 1985 Mar;40(3):527-35

The recombination and integration of DNAs introduced into mouse L cells. Brenner DA, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:151-60

Analysis of homologous recombination in cultured mammalian cells. Folger K, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:123-38

Functional difference of the two ends of insertion sequence IS1 in transposition and cointegration. Ishizaki K, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:207-13

Resolution of Holliday structures by endonuclease VII as observed in interactions with cruciform DNA. Kemper B, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:815-25

Homologous recombination in monkey cells and human cell-free extracts. Kucherlapati RS, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:191-7

Formation of inverted dimer plasmids after transformation of yeast with linearized plasmid DNA. Kunes S, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:617-28

Components of the site-specific recombination system encoded by the yeast plasmid 2-micron circle. McLeod M, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:779-87

Site-specific genetic recombination promoted by the FLP protein of the yeast 2-micron plasmid in vitro. Meyer-Leon L, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:797-804

Site-specific recombination in the oriV1 region of the F factor. O'Connor MB, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:421-34

In vitro systems for genetic recombination of the DNAs of bacteriophage T7 and yeast 2-micron circle. Sadowski PD, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:789-96

Site-specific recombination in transposition and plasmid stability. Sherratt D, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:227-33

Homologous recombination between defective neo genes in mouse 3T6 cells. Smith AJ, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:171-81

Homologous recombination with DNA introduced into mammalian cells. Smithies O, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:161-70

Electron microscopic mapping of Thermus thermophilus RNA polymerase binding sites on plasmid pBR322. González B, et al. **Comp Biochem Physiol [B]** 1985; 80(3):485-7

Plasmid, phage, and genomic DNA-mediated transfer and expression of prokaryotic and eukaryotic genes in cultured human cells. Srivatsan ES, et al. **Cytogenet Cell Genet** 1984; 38(3):227-34

Fluorescence studies of Hoechst 33342 with supercoiled and relaxed plasmid pBR322 DNA. Sandhu LC, et al. **Cytometry** 1985 May;6(3):191-4

Plasmid vectors for the regulated, high level expression of eukaryotic genes in Escherichia coli. Amann E. **Dev Biol Stand** 1985;59:11-22

Amplification and stability of recombinant plasmid molecules with a very large insert of foreign genetic material. Darai G, et al. **Dev Biol Stand** 1985;59:23-9

Supercoil sequencing: a fast and simple method for sequencing plasmid DNA. Chen EY, et al. **DNA** 1985 Apr; 4(2):165-70

Oligonucleotide-directed mutagenesis using plasmid DNA templates and two primers. Schold M, et al. **DNA** 1984 Dec;3(6):469-77

The use of synthetic oligonucleotides with universal templates for rapid DNA sequencing: results with staphylococcal replicon pC221. Brenner DG, et al. **EMBO J** 1985 Feb;4(2):561-8

Control of pT181 replication II. Mutational analysis. Carleton S, et al. **EMBO J** 1984 Oct;3(10):2407-14

Formation of covalently closed heteroduplex DNA by the combined action of gyrase and RecA protein. Cassuto E. **EMBO J** 1984 Sep;3(9):2159-64

Environmental temperature regulates transcription of a virulence pili operon in E. coli. Göransson M, et al. **EMBO J** 1984 Dec 1;3(12):2885-8

Transformation of Saccharomyces cerevisiae and Schizosaccharomyces pombe with linear plasmids containing 2 mu sequences. Guerrini AM, et al. **EMBO J** 1985 Jun;4(6):1569-73

Hairpin plasmid--a novel linear DNA of perfect hairpin structure. Kikuchi Y, et al. **EMBO J** 1985 Jul;4(7):1881-6

Transcription of the TOL plasmid toluate catabolic pathway operon of Pseudomonas putida is determined by a pair of co-ordinately and positively regulated overlapping promoters. Mermod N, et al. **EMBO J** 1984 Nov; 3(11):2461-6

Recombination efficiency is a quadratic function of the length of homology during plasmid transformation of Bacillus subtilis protoplasts and Escherichia coli competent cells. Michel B, et al. **EMBO J** 1984 Dec 1;3(12):2879-84

Immobilization and purification of enzymes with staphylococcal protein A gene fusion vectors. Nilsson B, et al. **EMBO J** 1985 Apr;4(4):1075-80

Control of pT181 replication I. The pT181 copy control function acts by inhibiting the synthesis of a replication protein. Novick RP, et al. **EMBO J** 1984 Oct; 3(10):2399-405

The change of DNA structure by specific binding of the cAMP receptor protein from rotation diffusion and dichroism measurements. Porschke D, et al. **EMBO J** 1984 Dec 1;3(12):2873-8

Cosmid clones derived from both euchromatic and heterochromatic regions of the human Y chromosome. Wolfe J, et al. **EMBO J** 1984 Sep;3(9):1997-2003

Conformational adaptation of RTEM beta-lactamase to cefoxitin. Citri N, et al. **Eur J Biochem** 1984 Oct 15; 144(2):333-8

Does the occurrence of plasmids in Campylobacter jejuni and Campylobacter coli isolates correlate with antibiotic resistance? [letter] Marri L, et al. **Eur J Clin Microbiol** 1984 Oct;3(5):446-7

Effects of the virulence plasmid ColV, I-K94 on the sensitivity of Escherichia coli to putative environmental inhibitory agents. de Pacheco CS, et al. **Experientia** 1985 Jan 15;41(1):133-6

Footprinting of DNA secondary structure by high-intensity (laser) ultraviolet irradiation. Budowsky EI, et al. **FEBS Lett** 1985 Aug 19;188(1):155-8

Expression of plasmid encoded Escherichia coli 5S ribosomal ribonucleic acid in Pseudomonas putida. Hartmann RK, et al. **FEBS Lett** 1985 Sep 2;188(2):295-301

Plasmid-encoded initiation protein is required for activity at all three origins of plasmid R6K DNA replication in vitro. Inuzuka M. **FEBS Lett** 1985 Feb 25;181(2):236-40

Isolation and structure of the bacterial sex pheromone, cAD1, that induces plasmid transfer in Streptococcus faecalis. Mori M, et al. **FEBS Lett** 1984 Dec 3;178(1):97-100

Chloramphenicol acetyltransferase gene of staphylococcal plasmid pC221. Nucleotide sequence analysis and expression studies. Shaw WV, et al. **FEBS Lett** 1985 Jan 1;179(1):101-6

Isolation and characterization of the pM110 plasmid from Bacillus subtilis, an alpha-amylase producer. Tichý P, et al. **Folia Microbiol (Praha)** 1985;30(2):101-4

Plasmids pEMBLY: new single-stranded shuttle vectors for the recovery and analysis of yeast DNA sequences. Baldari C, et al. **Gene** 1985;35(1-2):27-32

Plasmid vector for cloning in Streptococcus pneumoniae and strategies for enrichment for recombinant plasmids. Balganesh TS, et al. **Gene** 1984 Jul-Aug;29(1-2):221-30

Two modules from the hypersuppressive rho- mitochondrial DNA are required for plasmid replication in yeast. Blanc H. **Gene** 1984 Oct;30(1-3):47-61

An Escherichia coli recBCsbcBrecF host permits the deletion-resistant propagation of plasmid clones containing the 5'-terminal palindrome of minute virus of mice. Boissy R, et al. **Gene** 1985;35(1-2):179-85

High-copy-number derivatives of the plasmid cloning vector pBR322. Boros I, et al. **Gene** 1984 Oct;30(1-3):257-60

Multiple-cloning-site plasmids for the rapid construction of recombinant poxviruses. Boyle DB, et al. **Gene** 1985; 35(1-2):169-77

Isolation of a DNA fragment that is expressed as an amber suppressor when present in high copy number in yeast. Calderon IL, et al. **Gene** 1984 Jul-Aug;29(1-2):69-76

A pSC101-derived plasmid which shows no sequence homology to other commonly used cloning vectors. Churchward G, et al. **Gene** 1984 Nov;31(1-3):165-71

A versatile plasmid system for the study of prokaryotic transcription signals in Escherichia coli. de Boer HA. **Gene** 1984 Oct;30(1-3):251-5

A plasmid model to study genetic recombination in yeast. Embretson JE, et al. **Gene** 1984 Sep;29(3):293-302

A plasmid cloning system utilizing replication and packaging functions of the filamentous bacteriophage fd. Geider K, et al. **Gene** 1985;33(3):341-9

Construction of a family of universal expression plasmid vectors. Hanna Z, et al. **Gene** 1984 Oct;30(1-3):247-50

New shuttle vectors for Escherichia coli and Bacillus subtilis. I. Construction and characterization of plasmid pHY460 with twelve unique cloning sites. Ishiwa H, et al. **Gene** 1984 Dec;32(1-2):129-34

Cloning and expression of an extracellular-agarase from Streptomyces coelicolor A3(2) in Streptomyces lividans 66. Kendall K, et al. **Gene** 1984 Sep;29(3):315-21

The generation of a single nick per plasmid molecule using restriction endonucleases with multiple recognition sites. Kovacs BJ, et al. **Gene** 1984 Jul-Aug;29(1-2):63-8

Characterisation of the ColE8 plasmid, a new member of the group E colicin plasmids. Mark G, et al. **Gene** 1984 Jul-Aug;29(1-2):145-55

Improved plasmid vectors for the isolation of translational lac gene fusions. Minton NP. **Gene** 1984 Nov; 31(1-3):269-73

Purification of a new restriction endonuclease, StyI, from Escherichia coli carrying the hsd+ miniplasmid. Mise K, et al. **Gene** 1985;33(3):357-61

Novel host-vector system for selection and maintenance of plasmid-bearing, streptomycin-dependent Escherichia coli cells in antibiotic-free media. Miwa K, et al. **Gene** 1984 Nov;31(1-3):275-7

Isolation and characterization of beta- and gamma-crystallin genes from rat genomic cosmid libraries. Moormann RJ, et al. **Gene** 1984 Jul-Aug;29(1-2):1-9

Broad-host-range plasmid vector for the in vitro construction of transcriptional/translational lac fusions. Nano FE, et al. **Gene** 1985;34(2-3):219-26

The construction of a versatile plasmid vector that allows direct selection of fragments cloned into six unique sites of the cI gene of coliphage 434. Nikolnikov S, et al. **Gene** 1984 Oct;30(1-3):261-5

Cloning of a multicopy plasmid from the actinorhizad nitrogen-fixing bacterium Frankia sp. and determination of its restriction map. Normand P, et al. **Gene** 1985; 34(2-3):367-70

In vitro insertional mutagenesis with a selectable DNA fragment. Prentki P, et al. **Gene** 1984 Sep;29(3):303-13

Insertion of eukaryotic DNA into the Bacillus subtilis genome by means of a temperature-sensitive plasmid vector. Prozorov AA, et al. **Gene** 1985;34(1):39-46

Construction and properties of plasmid pKC30, a pBR322 derivative containing the pL-N region of phage lambda. Rao RN. **Gene** 1984 Nov;31(1-3):247-50

A portable DNA sequence carrying the cohesive site (cos) of bacteriophage lambda and the mob (mobilization) region of the broad-host-range plasmid RK2: a module for the construction of new cosmids. Selvaraj G, et al. **Gene** 1984 Dec;32(1-2):235-41

Temperature-dependent retention of a tryptophan-operon-bearing plasmid in Escherichia coli. Skogman SG, et al. **Gene** 1984 Nov;31(1-3):117-22

A direct-selection vector derived from pColE3-CA38 and adapted for foreign gene expression. Vernet T, et al. **Gene** 1985;34(1):87-93

Characterization and nucleotide sequence of a colicin-release gene in the hic region of plasmid ColE3-CA38. Watson RJ, et al. **Gene** 1984 Jul-Aug;29(1-2):175-84

The replication origin of pSC101: the nucleotide sequence and replication functions of the ori region. Yamaguchi K, et al. **Gene** 1984 Jul-Aug;29(1-2):211-9

Molecular cloning of the hamster papovavirus genome in Escherichia coli plasmid vector pBR322. Zimmermann W, et al. **Gene** 1984 Jul-Aug;29(1-2):243-6

Characterization of an antibiotic resistance plasmid pAV5 and its constituent replicons in Acinetobacter calcoaceticus. Divers M, et al. **Genet Res** 1984 Aug;44(1):1-9

The effect of nonhomologous DNA sequences on interplasmidic recombination. Laban A, et al. **Genetics** 1984 Sep;108(1):39-52

Incidence of conjugative plasmid amongst multidrug resistant Salmonella typhimurium strains isolated from different parts of India (1979-1982). Sharma PL, et al. **Indian J Med Res** 1984 Apr;79:473-8

Colicin production & coexistence of Col+ plasmid with R-plasmid in Salmonellae. Sharma PL, et al. **Indian J Med Res** 1984 May;79:591-3

Plasmid mediated enterotoxin production and drug resistance amongst Escherichia coli from cases of infantile diarrhea. Gowal D, et al. **Indian J Pediatr** 1985 Jan-Feb;52(414):57-9

Genotypic approaches to the diagnosis of bacterial infections: plasmid analyses and gene probes. Wachsmuth K. **Infect Control** 1985 Mar;6(3):100-9

Penicillinase plasmid-linked genetic determinants for enterotoxins B and C1 production in Staphylococcus aureus. Altboum Z, et al. **Infect Immun** 1985 Feb; 47(2):514-21

Genetic analysis of virulence plasmid from a serogroup 9 Yersinia enterocolitica strain: role of outer membrane protein P1 in resistance to human serum and autoagglutination. Balligand G, et al. **Infect Immun** 1985 Jun;48(3):782-6

A cluster of five genes specifying the aerobactin iron uptake system of plasmid ColV-K30. Carbonetti NH, et al. **Infect Immun** 1984 Oct;46(1):7-12

Distinct bacteriocin groups correlate with different groups of Streptococcus mutans plasmids. Caufield PW, et al. **Infect Immun** 1985 Apr;48(1):51-6

Survival and growth of Yersinia pestis within macrophages and an effect of the loss of the 47-megadalton plasmid on growth in macrophages. Charnetzky WT, et al. **Infect Immun** 1985 Jan;47(1):234-41

Construction of a conjugative plasmid with potential use in vaccines against heat-labile enterotoxin. Chen TM, et al. **Infect Immun** 1985 Jan;47(1):5-10

Escherichia coli contains plasmids coding for heat-stable b, other enterotoxins, and antibiotic resistance. Echeverria P, et al. **Infect Immun** 1985 Jun;48(3):843-6

Demonstration of a capsule plasmid in Bacillus anthracis. Green BD, et al. **Infect Immun** 1985 Aug;49(2):291-7

Epidemiology of virulence-associated plasmids and outer membrane protein patterns within seven common Salmonella serotypes. Helmuth R, et al. **Infect Immun** 1985 Apr;48(1):175-82

Temperature-inducible surface fibrillae associated with the virulence plasmid of Yersinia enterocolitica and Yersinia pseudotuberculosis. Kapperud G, et al. **Infect Immun** 1985 Feb;47(2):561-6

Surface proteins of Mycoplasma hyopneumoniae identified from an Escherichia coli expression plasmid library. Klinkert MQ, et al. **Infect Immun** 1985 Aug;49(2):329-35

Cosmid cloning of Rickettsia prowazekii antigens in Escherichia coli K-12. Krause DC, et al. **Infect Immun** 1985 Jan;47(1):157-65

Cloning of plasmid DNA sequences involved in invasion of HeLa cells by Shigella flexneri. Maurelli AT, et al. **Infect Immun** 1985 Jul;49(1):164-71

Immune response to plasmid- and chromosome-encoded Yersinia antigens. Mazza G, et al. **Infect Immun** 1985 Jun; 48(3):676-85

Conservation of plasmids among Escherichia coli K1 isolates of diverse origins. Mercer AA, et al. **Infect Immun** 1984 Dec;46(3):649-57

Possible relationship of a 36-megadalton Salmonella enteritidis plasmid to virulence in mice. Nakamura M, et al. **Infect Immun** 1985 Mar;47(3):831-3

Plasmid-mediated factors conferring diffuse and localized adherence of enteropathogenic Escherichia coli. Nataro JP, et al. **Infect Immun** 1985 May;48(2):378-83

Correlation of plasmid type and disease caused by Coxiella burnetii. Samuel JE, et al. **Infect Immun** 1985 Sep; 49(3):775-9

Expression of antigens encoded by the virulence plasmid of Yersinia enterocolitica under different growth conditions. Skurnik M. **Infect Immun** 1985 Jan;47(1):183-90

Large plasmids associated with virulence in Shigella species have a common function necessary for epithelial cell penetration. Watanabe H, et al. **Infect Immun** 1985 Apr; 48(1):260-2

Transfer of the virulence plasmid of Yersinia pestis to Yersinia pseudotuberculosis. Wolf-Watz H, et al. **Infect Immun** 1985 Apr;48(1):241-3

Integration of the Vwa plasmid into the chromosome of Yersinia pestis strains harboring F' plasmids of Escherichia coli. Zsigray RM, et al. **Infect Immun** 1985 Mar;47(3):670-3

Plasmid prophiles and auxotrophy of Neisseria gonorrhoeae from Israel. Sompolinsky D, et al. **Isr J Med Sci** 1985 Jan; 21(1):69-71

Plasmids of Streptomyces kasugaensis MB273: their pock formation, their dispensable endonuclease cleavage sites for pock formation, and transformation of S. kasugaensis MB273 by them. Akagawa H, et al. **J Antibiot (Tokyo)** 1984 Sep;37(9):1016–25

pFJ269, a new plasmid isolated from a beta-lactam antibiotic producing streptomycete. Jones MD, et al. **J Antibiot (Tokyo)** 1984 Dec;37(12):1727–8

Mutual relation of three pock-forming plasmids resident in Streptomyces noursei. Kojima I, et al. **J Antibiot (Tokyo)** 1985 Mar;38(3):390–400

Construction of plasmid vectors from Streptomyces kasugaensis plasmids, pSK1 and pSK2. Nabeshima S, et al. **J Antibiot (Tokyo)** 1984 Sep;37(9):1026–37

A plasmid of the sisomicin producer Micromonospora inyoensis. Parag Y, et al. **J Antibiot (Tokyo)** 1984 Sep;37(9):1082–4

Characterization of the plasmid-mediated beta-lactamase in Branhamella catarrhalis, with special reference to substrate affinity. Eliasson I, et al. **J Antimicrob Chemother** 1985 Feb;15(2):139–49

Conjugally-acquired antibiotic resistance: are plasmids always present? Howe TG. **J Antimicrob Chemother** 1984 Dec;14(6):570–3 (36 ref.)

The plasmids of Haemophilus ducreyi. McNicol PJ, et al. **J Antimicrob Chemother** 1984 Dec;14(6):561–4 (26 ref.)

A new beta-lactamase plasmid in Neisseria gonorrhoeae [letter] Van Embden JD, et al. **J Antimicrob Chemother** 1985 Feb;15(2):247–50

Iron-regulated outer membrane protein OM2 of Vibrio anguillarum is encoded by virulence plasmid pJM1. Actis LA, et al. **J Bacteriol** 1985 Feb;161(2):736–42

Differential behavior of plasmids containing chromosomal DNA insertions of various sizes during transformation and conjugation in Haemophilus influenzae. Balganesh M, et al. **J Bacteriol** 1985 Jan;161(1):141–6

Mating system for transfer of plasmids among Bacillus anthracis, Bacillus cereus, and Bacillus thuringiensis. Battisti L, et al. **J Bacteriol** 1985 May;162(2):543–50

Promoter mapping and transcriptional regulation of the iron assimilation system of plasmid ColV-K30 in Escherichia coli K-12. Bindereif A, et al. **J Bacteriol** 1985 Jun;162(3):1039–46

Transfer of plasmid RP4 to Myxococcus xanthus and evidence for its integration into the chromosome. Breton AM, et al. **J Bacteriol** 1985 Feb;161(2):523–8

Excision and reintegration of the Escherichia coli K-12 chromosomal element e14. Brody H, et al. **J Bacteriol** 1985 Mar;161(3):1112–7

Host range encoded by the Agrobacterium tumefaciens tumor-inducing plasmid pTiAg63 can be expanded by modification of its T-DNA oncogene complement. Buchholz WG, et al. **J Bacteriol** 1984 Oct;160(1):327–32

Comparison of T-DNA oncogene complements of Agrobacterium tumefaciens tumor-inducing plasmids with limited and wide host ranges. Buchholz WG, et al. **J Bacteriol** 1984 Oct;160(1):319–26

Comparison of 10 IncP plasmids: homology in the regions involved in plasmid replication. Chikami GK, et al. **J Bacteriol** 1985 May;162(2):656–60

Deletion of plasmid sequences during Saccharomyces cerevisiae transformation. Clancy S, et al. **J Bacteriol** 1984 Sep;159(3):1065–7

Composite IS1 elements encoding hydroxamate-mediated iron uptake in FIme plasmids from epidemic Salmonella spp. Colonna B, et al. **J Bacteriol** 1985 Apr;162(1):307–16

Plasmid transduction by Bacillus subtilis bacteriophage SPP1: effects of DNA homology between plasmid and bacteriophage. Deichelbohrer I, et al. **J Bacteriol** 1985 Jun;162(3):1238–43

Genetic and physical map of the 2,4-dichlorophenoxyacetic acid-degradative plasmid pJP4. Don RH, et al. **J Bacteriol** 1985 Jan;161(1):466–8

Regulation of transcription of the repA1 gene in the replication control region of IncFII plasmid NR1 by gene dosage of the repA2 transcription repressor protein. Dong X, et al. **J Bacteriol** 1985 Feb;161(2):544–51

Posttranscriptional regulation of the inducible nonenzymatic chloramphenicol resistance determinant of IncP plasmid R26. Dorman CJ, et al. **J Bacteriol** 1985 Jan;161(1):147–52

Phasmid vectors for identification of genes by complementation of Escherichia coli mutants. Elledge SJ, et al. **J Bacteriol** 1985 May;162(2):777–83

Localization, cloning, and sequence determination of the conjugative plasmid ColB2 pilin gene. Finlay BB, et al. **J Bacteriol** 1984 Oct;160(1):402–7

Identification of facultatively heterotrophic, N2-fixing cyanobacteria able to receive plasmid vectors from Escherichia coli by conjugation. Flores E, et al. **J Bacteriol** 1985 Jun;162(3):1339–41

SAL-TOL in vivo recombinant plasmid pKF439. Furukawa K, et al. **J Bacteriol** 1985 Jun;162(3):1325–8

Analysis of Agrobacterium tumefaciens plasmid pTiC58 replication region with a novel high-copy-number derivative. Gallie DR, et al. **J Bacteriol** 1985 Mar;161(3):1034–41

Transformation of Azotobacter vinelandii with plasmid DNA. Glick BR, et al. **J Bacteriol** 1985 Apr;162(1):276–9

Conjugative plasmids of enteric bacteria from many different incompatibility groups have similar genes for single-stranded DNA-binding proteins. Golub EI, et al. **J Bacteriol** 1985 Apr;162(1):235–41

Analysis of plasmid deletional instability in Bacillus subtilis. Hahn J, et al. **J Bacteriol** 1985 Jun;162(3):1014–23

Transposon mutagenesis analysis of meta-cleavage pathway operon genes of the TOL plasmid of Pseudomonas putida mt-2. Harayama S, et al. **J Bacteriol** 1984 Oct;160(1):251–5

TOL plasmid can prevent induction of chemotactic responses to aromatic acids. Harwood CS, et al. **J Bacteriol** 1984 Nov;160(2):797–800

Mode of infection, nodulation specificity, and indigenous plasmids of 11 fast-growing Rhizobium japonicum strains. Heron DS, et al. **J Bacteriol** 1984 Dec;160(3):1061–6

Polypeptide involved in the Escherichia coli plasmid-mediated citrate transport system. Hirato T, et al. **J Bacteriol** 1984 Oct;160(1):421–6

Construction and application of a promoter-probe plasmid that allows chromogenic identification in Streptomyces lividans. Horinouchi S, et al. **J Bacteriol** 1985 Apr;162(1):406–12

Determination of the transcription initiation site and identification of the protein product of the regulatory gene xylR for xyl operons on the TOL plasmid. Inouye S, et al. **J Bacteriol** 1985 Sep;163(3):863–9

Broad-host-range plasmid pRK340 delivers Tn5 into the Legionella pneumophila chromosome. Keen MG, et al. **J Bacteriol** 1985 Jun;162(3):1332–5

TOL plasmid pWW15 contains two nonhomologous, independently regulated catechol 2,3-oxygenase genes. Keil H, et al. **J Bacteriol** 1985 Jul;163(1):248–55

Physical and functional map of an Agrobacterium tumefaciens tumor-inducing plasmid that confers a narrow host range. Knauf V, et al. **J Bacteriol** 1984 Nov;160(2):564–8

Genetic recombination of bacterial plasmid DNA: effect of RecF pathway mutations on plasmid recombination in Escherichia coli. Kolodner R, et al. **J Bacteriol** 1985 Sep;163(3):1060–6

Cryptic plasmid of Neisseria gonorrhoeae: complete nucleotide sequence and genetic organization. Korch C, et al. **J Bacteriol** 1985 Aug;163(2):430–8

Use of transcriptional repressors to stabilize plasmid copy number of transcriptional fusion vectors. Lambert PF, et al. **J Bacteriol** 1985 Apr;162(1):441–4

Transformation of Salmonella typhimurium with plasmid DNA: differences between rough and smooth strains. MacLachlan PR, et al. **J Bacteriol** 1985 Jan;161(1):442–5

Construction and expression of hybrid plasmids containing the structural gene of the Escherichia coli K-12 3-deoxy-2-oxo-D-gluconate transport system. Mandrand-Berthelot MA, et al. **J Bacteriol** 1984 Nov;160(2):600–6

Characterization of interspecific plasmid transfer mediated by Bacillus subtilis temperate bacteriophage SP02. Marrero R, et al. **J Bacteriol** 1984 Oct;160(1):458–61

Efficient plasmid transformation of Streptomyces ambofaciens and Streptomyces fradiae protoplasts. Matsushima P, et al. **J Bacteriol** 1985 Jul;163(1):180–5

F factor inhibition of conjugal transfer of broad-host-range plasmid RP4: requirement for the protein product of pif operon regulatory gene pifC. Miller JF, et al. **J Bacteriol** 1985 Sep;163(3):1067–73

Mobilization of a Sym plasmid from a fast-growing cowpea Rhizobium strain. Morrison NA, et al. **J Bacteriol** 1984 Oct;160(1):483–7

Integration of plasmid DNA coding for beta-lactamase production in the Haemophilus influenzae chromosome. Murphey-Corb M, et al. **J Bacteriol** 1984 Nov;160(2):815–7

Aerobactin iron uptake sequences in plasmid ColV-K30 are flanked by inverted IS1-like elements and replication regions. Perez-Casal JF, et al. **J Bacteriol** 1984 Oct;160(1):256–65

Mutationally altered ribonucleotide reductase from Escherichia coli: characterization of mutations isolated on multicopy plasmids. Platz A, et al. **J Bacteriol** 1984 Dec;160(3):1010–6

Sym plasmid genes of Rhizobium trifolii expressed in Lignobacter and Pseudomonas strains. Plazinski J, et al. **J Bacteriol** 1985 Jun;162(3):1261–9

Modes of integration of heterologous plasmid DNA into the chromosome of Streptococcus pneumoniae. Pozzi G, et al. **J Bacteriol** 1985 Mar;161(3):909–12

Extension of the host range of Escherichia coli vectors by incorporation of RSF1010 replication and mobilization functions. Priefer UB, et al. **J Bacteriol** 1985 Jul;163(1):324–30

Isolation of a DNA fragment containing replication functions from IncP2 megaplasmid pMG2. Prince AS, et al. **J Bacteriol** 1985 Feb;161(2):792–4

Analysis of mobilization elements in plasmids from Shigella flexneri. Roessler E, et al. **J Bacteriol** 1985 Mar;161(3):1233–5

Replacement of the fip gene of Escherichia coli by an inactive gene cloned on a plasmid. Russel M, et al. **J Bacteriol** 1984 Sep;159(3):1034–9

Plasmid genes required for microcin B17 production. San Millán JL, et al. **J Bacteriol** 1985 Sep;163(3):1016–20

High-frequency transformation of Brevibacterium lactofermentum protoplasts by plasmid DNA. Santamaria RI, et al. **J Bacteriol** 1985 Apr;162(1):463–7

Replication control in promiscuous plasmid RK2: kil and kor functions affect expression of the essential replication gene trfA. Schreiner HC, et al. **J Bacteriol** 1985 Jul;163(1):228–37

Mechanism of acquisition of chromosomal markers by plasmids in Haemophilus influenzae. Setlow JK, et al. **J Bacteriol** 1984 Nov;160(2):662–7

Plasmid-mediated mineralization of 4-chlorobiphenyl. Shields MS, et al. **J Bacteriol** 1985 Sep;163(3):882–9

Plasmid-dependent inhibition of growth of bacteriophage T4 ndd mutants. Snustad DP, et al. **J Bacteriol** 1985 Sep;163(3):1290–2

Colicin synthesis and cell death. Spangler R, et al. **J Bacteriol** 1985 Jul;163(1):167–73

Isolation and expression of the Escherichia coli gene encoding malate dehydrogenase. Sutherland P, et al. **J Bacteriol** 1985 Sep;163(3):1074–9

Mapping of transfer regions within incompatibility group HI plasmid R27. Taylor DE, et al. **J Bacteriol** 1985 Jun;162(3):1221–6

Regions on plasmid pCU1 required for the killing of Klebsiella pneumoniae. Thatte V, et al. **J Bacteriol** 1985 Sep;163(3):1296–9

N conjugative transfer system of plasmid pCU1. Thatte V, et al. **J Bacteriol** 1985 Sep;163(3):1229–36

Molecular cloning and expression of genetic determinants for the iron uptake system mediated by the Vibrio anguillarum plasmid pJM1. Tolmasky ME, et al. **J Bacteriol** 1984 Dec;160(3):860–6

Preferential inhibition of plasmid replication in vivo by altered DNA gyrase activity in Escherichia coli. Uhlin BE, et al. **J Bacteriol** 1985 May;162(2):855–7

Analysis of transfer of tumor-inducing plasmids from Agrobacterium tumefaciens to Petunia protoplasts. Virts EL, et al. **J Bacteriol** 1985 Jun;162(3):1030–8

Second replicon in ColV2-K94 mediates the stable coexistence of two incompatible plasmids. Weber PC, et al. **J Bacteriol** 1984 Oct;160(1):245–50

Entry exclusion determinant(s) of IncN plasmid pKM101. Winans SC, et al. **J Bacteriol** 1985 Jan;161(1):411–6

Conjugal transfer system of the IncN plasmid pKM101. Winans SC, et al. **J Bacteriol** 1985 Jan;161(1):402–10

Identification of pKM101-encoded loci specifying potentially lethal gene products. Winans SC, et al. **J Bacteriol** 1985 Jan;161(1):417–24

Fertility inhibition of RP1 by IncN plasmid pKM101. Winans SC, et al. **J Bacteriol** 1985 Jan;161(1):425–7

Analysis of the individual regulatory components of the IncFII plasmid replication control system. Womble DD, et al. **J Bacteriol** 1985 Feb;161(2):534–43

Incompatibility mutants of IncFII plasmid NR1 and their effect on replication control. Wu RP, et al. **J Bacteriol** 1985 Sep;163(3):973–82

Limited-host-range plasmid of Agrobacterium tumefaciens: molecular and genetic analyses of transferred DNA. Yanofsky M, et al. **J Bacteriol** 1985 Jul;163(1):341–8

Regulation of naphthalene catabolic genes of plasmid NAH7. Yen KM, et al. **J Bacteriol** 1985 Jun;162(3):1008–13

Mitomycin-induced lethality of Escherichia coli cells containing the ColE1 Plasmid: involvement of the kil gene. Zhang SP, et al. **J Bacteriol** 1985 Jul;163(1):174–9

Effect of the replacement of pRoR promoter of lambda dv plasmid by lac promoter on the synthesis of DNA. Hase T, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1205–15

Characterization of a mini plasmid isolated from Shigella sonnei. Sugiura S, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1193–204

Transitions in topological organization of supercoiled DNA domains as a potential regulatory mechanism. Carnevali F, et al. **J Biol Chem** 1984 Oct 25;259(20):12633–43

Nucleotide sequence and gene organization of ColE1 DNA. Chan PT, et al. **J Biol Chem** 1985 Jul 25;260(15):8925–35

Extent of equilibrium perturbation of the DNA helix upon enzymatic methylation of adenine residues. Cheng SC, et al. **J Biol Chem** 1985 Jan 10;260(1):191–4

Purification of pT181-encoded repC protein required for the initiation of plasmid replication. Koepsel RR, et al. **J Biol Chem** 1985 Jul 15;260(14):8571–7

Replication of pBR322 DNA in vitro with purified proteins. Requirement for topoisomerase I in the maintenance of template specificity. Minden JS, et al. **J Biol Chem** 1985 Aug 5;260(16):9316–25

In vitro antimicrobial susceptibility, plasmid analysis, and serotyping of epidemic-associated Campylobacter jejuni. Bopp CA, et al. **J Clin Microbiol** 1985 Jan;21(1):4–7

Plasmid DNA relatedness among different serogroups of Yersinia pseudotuberculosis. Ishiguro N, et al. **J Clin Microbiol** 1985 Apr;21(4):662–5

Usefulness of plasmid profiles for differentiation of Shigella isolates in Bangladesh. Tacket CO, et al. **J Clin Microbiol** 1984 Aug;20(2):300–1

Rapid procedure for isolation of plasmid DNA and application to epidemiological analysis. Takahashi S, et al. **J Clin Microbiol** 1984 Oct;20(4):608–13

Plasmids in throat and genital isolates of meningococci. Ison CA, et al. **J Clin Pathol** 1984 Oct;37(10):1123–8

Isolation and characterization of small plasmids in strains of Vibrio parahaemolyticus. Isaki LS, et al. **J Diarrhoeal Dis Res** 1983 Jun;1(2):99–106

Use of a synthetic oligonucleotide to identify a chromosomal gene for chloramphenicol acetyltransferase in a plasmid-bearing Flavobacterium. Beschle HG, et al. **J Gen Microbiol** 1984 Dec;130 (Pt 12):3335–8

Characteristics and function of thick and thin conjugative pili determined by transfer-derepressed plasmids of incompatibility groups I1, I2, I5, B, K and Z. Bradley DE.

J Gen Microbiol 1984 Jun;130 (Pt 6):1489–502

Phage pilH alpha: a phage which adsorbs to IncHI and IncHII plasmid-coded pili. Coetzee JN, et al. **J Gen Microbiol** 1985 May;131 (Pt 5):1115–21

Plasmid involvement in production of and immunity to the staphylococcin-like peptide Pep 5. Ersfeld-Dressen H, et al. **J Gen Microbiol** 1984 Nov;130 (Pt 11):3029–35

A genetic analysis of defective plasmid formation by N-deficient phage lambda chromosomes. Hadfield C, et al. **J Gen Microbiol** 1984 Oct;130 (Pt 10):2501–13

Functions antagonistic to plasmid formation by lambda N-chromosomes. Hadfield C, et al. **J Gen Microbiol** 1984 Oct;130 (Pt 10):2515–26

Evolution of an R plasmid from a cryptic plasmid by transposition of two copies of Tn1 in Providencia stuartii. Hawkey PM, et al. **J Gen Microbiol** 1985 Apr;131 (Pt 4):927–33

Plasmid fusions mediated by one end of TnA. Heritage J, et al. **J Gen Microbiol** 1985 May;131 (Pt 5):1130–40

Two replication determinants of an antibiotic-resistance plasmid, pTB19, from a thermophilic bacillus. Imanaka T, et al. **J Gen Microbiol** 1984 Jun;130 (Pt 6):1399–408

Inducible plasmid-mediated copper resistance in Escherichia coli. Rouch D, et al. **J Gen Microbiol** 1985 Apr;131 (Pt 4):939–43

Plasmids resembling 2-micrometers DNA in the osmotolerant yeasts Saccharomyces bailii and Saccharomyces bisporus. Toh-e A, et al. **J Gen Microbiol** 1984 Oct;130 (Pt 10):2527–34

Association of the encapsulation of Bacillus anthracis with a 60 megadalton plasmid. Uchida I, et al. **J Gen Microbiol** 1985 Feb;131 (Pt 2):363–7

Human papillomavirus type 16 recombinant DNA is maintained as an autonomously replicating episome in monkey kidney cells. Chesters PM, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):615–20

The role of plasmids in bacterial resistance to antiseptics, disinfectants and preservatives. Russell AD. **J Hosp Infect** 1985 Mar;6(1):9–19 (79 ref.)

Dissemination of gentamicin-resistant plasmids among strains of Enterobacteriaceae. Takahashi S, et al. **J Hosp Infect** 1985 Mar;6(1):46–59

Antimicrobial resistance and the ecology of Escherichia coli plasmids. Platt DJ, et al. **J Hyg (Lond)** 1984 Oct;93(2):181–8

Penicillinase-producing Neisseria gonorrhoeae: epidemiology, antimicrobial susceptibility and plasmid types. Goh BT, et al. **J Infect** 1985 Jul;11(1):63–9

Plasmid transfer into members of the family Legionellaceae. Chen GC, et al. **J Infect Dis** 1984 Oct;150(4):513–6

The diarrheal response of humans to some classic serotypes of enteropathogenic Escherichia coli is dependent on a plasmid encoding an enteroadhesiveness factor. Levine MM, et al. **J Infect Dis** 1985 Sep;152(3):550–9

Survey of plasmids in Salmonella typhi from Chile and Thailand. Murray BE, et al. **J Infect Dis** 1985 Mar;151(3):551–5

Detection of an adherence factor of enteropathogenic Escherichia coli with a DNA probe. Nataro JP, et al. **J Infect Dis** 1985 Sep;152(3):560–5

Evaluation of a DNA-hybridization method for detection of African and Asian strains of Neisseria gonorrhoeae in men with urethritis. Perine PL, et al. **J Infect Dis** 1985 Jul;152(1):59–63

A virulence plasmid in Escherichia coli enterotoxigenic for humans: intergenetic transfer and expression. Yamamoto T, et al. **J Infect Dis** 1984 Nov;150(5):688–98

Characterisation of cryptic plasmids in clinical isolates of Bacteroides fragilis. Beul HA, et al. **J Med Microbiol** 1985 Aug;20(1):39–48

Cryptic plasmids in hospital isolates of Providencia stuarti. Hawkey PM, et al. **J Med Microbiol** 1984 Oct;18(2):277–84

The pathogenesis of Yersinia enterocolitica infection in gnotobiotic piglets. Robins-Browne RM, et al. **J Med Microbiol** 1985 Jun;19(3):297–308

Growth of Yersinia pseudotuberculosis in mouse spleen despite loss of a virulence plasmid of mol. wt 47 X 10(6). Simonet M, et al. **J Med Microbiol** 1984 Dec;18(3):371–5

The DNA sequence of the mercury resistance operon of the IncFII plasmid NR1. Barrineau P, et al. **J Mol Appl Genet** 1984;2(6):601–19

Minimal size plasmids containing an M13 origin for production of single-strand transducing particles. Levinson A, et al. **J Mol Appl Genet** 1984;2(6):507–17

Construction of E. coli expression plasmid libraries: localization of a pseudorabies virus glycoprotein gene. Robbins AK, et al. **J Mol Appl Genet** 1984;2(5):485–96

Molecular and functional organization of yeast plasmid pSR1. Araki H, et al. **J Mol Biol** 1985 Mar 20;182(2):191–203

Trans- and cis-acting elements for the replication of P1 miniplasmids. Austin SJ, et al. **J Mol Biol** 1985 May 25;183(2):195–202

Plasmid mode of propagation of the genetic element P4. Dehò G, et al. **J Mol Biol** 1984 Sep 15;178(2):191–207

Overinitiation of chromosome and plasmid replication in a dna Acos mutant of Escherichia coli K12. Evidence for dnaA-dnaB interactions. Frey J, et al. **J Mol Biol** 1984 Oct 25;179(2):171–83

Interference between M13 and oriM13 plasmids is mediated by a replication enhancer sequence near the viral strand origin. Johnston S, et al. **J Mol Biol** 1984 Aug 25;177(4):685–700

Thermodynamics of the ColE1 cruciform. Comparisons between probing and topological experiments using single topoisomers. Lilley DM, et al. **J Mol Biol** 1984 Nov 25;180(1):179–200

An essential replication gene, repA, of plasmid pSC101 is autoregulated. Linder P, et al. **J Mol Biol** 1985 Feb 5;181(3):383–93

DNase I and nuclease S1 sensitivity of the rabbit beta 1 globin gene in nuclei and in supercoiled plasmids. Margot JB, et al. **J Mol Biol** 1985 Jul 20;184(2):195–210

Construction of plasmids carrying lacI mutations. Miller JH, et al. **J Mol Biol** 1985 Mar 5;182(1):65–8

Mapping of DNA gyrase cleavage sites in vivo oxolinic acid induced cleavages in plasmid pBR322. O'Connor MB, et al. **J Mol Biol** 1985 Feb 20;181(4):545–50

Partial suppression of an ochre mutation in Saccharomyces cerevisiae by multicopy plasmids containing a normal yeast tRNAGln gene. Pure GA, et al. **J Mol Biol** 1985 May 5;183(1):31–42

Transcription of the replication control region of the IncFII R-plasmid NR1 in vitro and in vivo. Womble DD, et al. **J Mol Biol** 1985 Feb 5;181(3):395–410

A mathematical model for the co-existence of incompatible, conjugative plasmids in individual bacteria of a bacterial population. van der Hoeven N. **J Theor Biol** 1984 Oct 5;110(3):411–23

Bacteriophage T4 unf (=alc) gene function is required for late replication in the presence of plasmid pR386. Herman RE, et al. **J Virol** 1985 Feb;53(2):430–9

Human glioblastoma cells persistently infected with simian virus 40 carry nondefective episomal viral DNA and acquire the transformed phenotype and numerous chromosomal abnormalities. Norkin LC, et al. **J Virol** 1985 Feb;53(2):658–66

A genetic test for expression of a functional herpes simplex virus DNA-binding protein from a transfected plasmid. Quinlan MP, et al. **J Virol** 1985 May;54(2):619–22

A survey of plasmids in Veillonella strains isolated from human oral cavity. Arai T, et al. **Kitasato Arch Exp Med** 1984 Sep;57(3):233–7

Conjugative plasmids in MRSA [letter] Townsend DE, et al. **Med J Aust** 1985 Jan 21;142(2):162

Generation of deletions through a cis-acting mutation in plasmid pC194. Alonso JC, et al. **MGG** 1985;198(3):432–6

Cold sensitivity in the transfer of a plasmid with a deletion hot spot into recombination deficient B. subtilis cells. Alonso JC, et al. **MGG** 1985;198(3):437–40

A gene controlling segregation of the Bacillus subtilis plasmid pC194. Alonso JC, et al. **MGG** 1985;198(3):427–31

Versatile Escherichia coli-Bacillus shuttle vectors derived from runaway replication plasmids related to CloDF13. Andreoli PM. **MGG** 1985;199(3):372–80

Plasmids containing one inverted repeat of Tn21 can fuse with other plasmids in the presence of Tn21 transposase. Avila P, et al. **MGG** 1984;195(1–2):288–93

The novel gene(s) ARD of plasmid pKM101: alleviation of EcoK restriction. Belogurov AA, et al. **MGG** 1985;198(3):509–13

Transposon donor plasmids, based on CoIIb-P9, for use in Pseudomonas putida and a variety of other gram negative bacteria. Boulnois GJ, et al. **MGG** 1985;200(1):65–7

Lysis protein encoded by plasmid ColA-CA31. Gene sequence and export. Cavard D, et al. **MGG** 1985;199(1):95–100

Conjugative transfer of IncI1 plasmid DNA primase. Chatfield LK, et al. **MGG** 1984;197(3):461–6

Molecular characterisation of the colicin E2 operon and identification of its products. Cole ST, et al. **MGG** 1985;198(3):465–72

Molecular analysis of P element behavior in Drosophila simulans transformants. Daniels SB, et al. **MGG** 1985;200(2):258–65

Vectors for transposon mutagenesis of non-enteric bacteria. Ely B. **MGG** 1985;200(2):302–4

Isolation of transfer-negative nif-plasmids (pCE1) and their integration into the chromosome of Escherichia coli with the help of phage Mu. Göttfert M, et al. **MGG** 1985;199(3):481–5

Genetic and biochemical characterization of the aerobactin synthesis operon on pColV. Gross R, et al. **MGG** 1984;196(1):74–80

Maintenance of multicopy plasmid Clo DF13 III. Role of plasmid size and copy number in partitioning. Hakkaart MJ, et al. **MGG** 1985;198(2):364–6

A mutant plasmid with increased stability of holding and polymerization in Saccharomyces cerevisiae. Harashima S, et al. **MGG** 1985;199(1):14–20

Relationship between the proteins encoded by the exclusion determining locus of the IncI plasmid R144 and the cellular localization of these proteins in Escherichia coli K-12. Hartskeerl R, et al. **MGG** 1985;200(1):138–44

Cointegration and resolution mediated by IS101 present in plasmid pSC101. Ishizaki K, et al. **MGG** 1985;199(3):388–95

Expression and regulation of the plasmid-encoded hemolysin determinant of Escherichia coli. Juarez A, et al. **MGG** 1984;197(2):196–203

Inverted repeats in the DNA of Streptomyces plasmids pMG110 and pMG120. Klaus S, et al. **MGG** 1984;197(1):143–9

Modulation of Escherichia coli tryptophan (trp) attenuation by the UGA readthrough process. Kopelowitz J, et al. **MGG** 1984;196(3):541–5

The recF-dependent endonuclease from Escherichia coli K12. Formation and resolution of pBR322 DNA multimers. Krivonogov SV. **MGG** 1984;196(1):105–9

Conjugal transfer of E. coli F'lac from Erwinia chrysanthemi to Pseudomonas syringae pv. glycinea and the apparent stable incorporation of the plasmid into the pv. glycinea chromosome. Leary JV, et al. **MGG** 1984;198(1):125–7

Functional characterization of a cloned haemolysin determinant from E. coli of human origin, encoding information for the secretion of a 107K polypeptide. Mackman N, et al. **MGG** 1984;196(1):129–34

Rec-dependent and Rec-independent recombination of plasmid-borne duplications in Escherichia coli K12. Matfield M, et al. **MGG** 1985;199(3):518–23

Effect of concentration on the subsequent fate of plasmid DNA in human fibroblasts. Mooibroek H, et al. **MGG** 1985;199(1):82–8

Construction and characterization of a cosmid of Streptomyces lividans. Morino T, et al. **MGG** 1985;198(2):228–33

Recombination between repeated DNA sequences occurs more often in plasmids than in the chromosome of Bacillus subtilis. Niaudet B, et al. **MGG** 1984;197(1):46–54

Maintenance of bacterial plasmids: comparison of theoretical calculations and experiments with plasmid R1 in Escherichia coli. Nordström K, et al. **MGG** 1984;197(1):1–7

Equipartition and other modes of partition: on the interpretation of curing kinetics using rep(ts) plasmids. Nordström K. **MGG** 1984;198(1):185–6

Staphylococcal plasmid cointegrates are formed by host- and phage-mediated general rec systems that act on short regions of homology. Novick RP, et al. **MGG** 1984;195(1–2):374–7

Structure and mitotic stability of minichromosomes originating in yeast cells transformed with tandem dimers of CEN11 plasmids. Oertel W, et al. **MGG** 1984;195(1–2):300–7

Cloning and expression of the activity and immunity genes of colicins B and M on ColBM plasmids. Olschläger T, et al. **MGG** 1984;196(3):482–7

Plasmid formation in Streptomyces: excision and integration of the SLP1 replicon at a specific chromosomal site. Omer CA, et al. **MGG** 1984;196(3):429–38

Plasmids in different strains of Streptomyces ambofaciens: free and integrated form of plasmid pSAM2. Pernodet JL, et al. **MGG** 1984;198(1):35–41

Comparative sequence and functional analysis of pT181 and pC221, cognate plasmid replicons from Staphylococcus aureus. Projan SJ, et al. **MGG** 1985;199(3):452–64

Selective transduction of recombinant plasmids with cloned pac sites by Salmonella phage P22. Schmidt C, et al. **MGG** 1984;196(1):123–8

Characterization of eight excision plasmids of Pseudomonas syringae pv. phaseolicola. Szabo LJ, et al. **MGG** 1984;195(1–2):90–5

Negative control of oriC plasmid replication by transcription of the oriC region. Tanaka M, et al. **MGG** 1985;200(1):21–6

An essential gene for replication of the mini-F plasmid from origin I. Tanimoto K, et al. **MGG** 1984;196(1):59–63

Transduction of multi-copy plasmid pBR322 by bacteriophage Mu. Teifel-Greding J. **MGG** 1984;197(1):169–74

Direct plasmid transfer from replica-plated E. coli colonies to competent B. subtilis cells. Identification of an E. coli clone carrying the hisH and tyrA genes of B. subtilis. van Randen J, et al. **MGG** 1984;195(1–2):57–61

Plasmid profiles of penicillinase-producing Neisseria gonorrhoeae isolated in Fukuoka, Japan. Yoshida S, et al. **Microbiol Immunol** 1984;28(8):955–9

Emergence in Italy of a PPNG strain carrying 'Asia' plasmid. Bondi M, et al. **Microbiologica** 1984 Jul;7(3):257–61

Interaction of papaverine with covalently closed DNA. Masotti L, et al. **Microbiologica** 1985 Jul;8(3):263–8

Plasmid-mediated inducible reactivation of an actinophage. Misuraca F. **Microbiologica** 1984 Oct;7(4):323–9

Properties of an E. coli O26 mutant with modified cell wall and improved efficiency as recipient in conjugation for an FII plasmid. Molina AM, et al. **Microbiologica** 1984 Jul;7(3):203–8

Plasmid vectors for the rapid isolation and transcriptional analysis of human beta-globin gene alleles. Little PF, et al. **Mol Biol Med** 1983 Dec;1(5):473–88

Expression of the Saccharomyces cerevisiae GAL7 gene on autonomous plasmids. Baker SM, et al. **Mol Cell Biol** 1984 Oct;4(10):2062–71

Most highly repeated dispersed DNA families in the mouse genome. Bennett KL, et al. **Mol Cell Biol** 1984 Aug;4(8):1561–71

Efficient correction of mismatched bases in plasmid heteroduplexes injected into cultured mammalian cell nuclei. Folger KR, et al. **Mol Cell Biol** 1985 Jan;5(1):70–4

Nonreciprocal exchanges of information between DNA duplexes coinjected into mammalian cell nuclei. Folger KR, et al. **Mol Cell Biol** 1985 Jan;5(1):59–69

Transformation of Neurospora crassa with recombinant plasmids containing the cloned glutamate dehydrogenase (am) gene: evidence for autonomous replication of the transforming plasmid. Grant DM, et al. **Mol Cell Biol** 1984 Oct;4(10):2041–51

Plasmid-directed synthesis of genuine adenovirus 2 early-region 1A and 1B proteins in Escherichia coli. Ko JL, et al. **Mol Cell Biol** 1984 Aug;4(8):1427–39

BK virus-plasmid expression vector that persists episomally in human cells and shuttles into Escherichia coli. Milanesi G, et al. **Mol Cell Biol** 1984 Aug;4(8):1551-60

Isolation of large T antigen-producing mouse cell lines capable of supporting replication of polyomavirus-plasmid recombinants. Muller WJ, et al. **Mol Cell Biol** 1984 Nov; 4(11):2406-12

Rapid assay for extrachromosomal homologous recombination in monkey cells. Rubnitz J, et al. **Mol Cell Biol** 1985 Mar;5(3):529-37

Virus-like particle capsid proteins encoded by different L double-stranded RNAs of Saccharomyces cerevisiae: their roles in maintenance of M double-stranded killer plasmids. El-Sherbeini M, et al. **Mol Cell Biol** 1984 Dec; 4(12):2818-27

Effect of ARS1 mutations on chromosome stability in Saccharomyces cerevisiae. Srienc F, et al. **Mol Cell Biol** 1985 Jul;5(7):1676-84

A vector that replicates as a plasmid and can be efficiently selected in B-lymphoblasts transformed by Epstein-Barr virus. Sugden B, et al. **Mol Cell Biol** 1985 Feb;5(2):410-3

Detection of deletion mutations in pSV2gpt-transformed cells. Tindall KR, et al. **Mol Cell Biol** 1984 Jul;4(7):1411-5

Transfer of herpes simplex virus thymidine kinase synthesized in bacteria by a high-expression plasmid to tissue culture cells by protoplast fusion. Waldman AS, et al. **Mol Cell Biol** 1984 Aug;4(8):1644-6

Mutational and recombinational events in carcinogen-modified plasmid DNA. Influence of host-cell repair genes. Abbott PJ. **Mutat Res** 1985 Jan-Mar; 145(1-2):25-34

Plasmid-dosage effects on ultraviolet, visible light and methyl methanesulfonate mutagenesis in Salmonella typhimurium. Brunner DP, et al. **Mutat Res** 1985 Sep;151(2):185-94

Paradoxical behaviour of pKM101; inhibition of uvr-independent crosslink repair in Escherichia coli by muc gene products. Cupido M, et al. **Mutat Res** 1985 Jan-Mar;145(1-2):49-53

Absence of pyrimidine insertase activity in E. coli extracts, using plasmid DNA containing apyrimidinic sites. Martin B, et al. **Mutat Res** 1984 Sep-Oct;132(3-4):87-93

Plant-inducible virulence promoter of the Agrobacterium tumefaciens Ti plasmid. Okker RJ, et al. **Nature** 1984 Dec 6-12;312(5994):564-6

Amplification of inter-Alu extrachromosomal DNA during cellular ageing: retraction and explanation. Shmookler Reis RJ, et al. **Nature** 1985 Jul 11-17;316(6024):167

Local protein-DNA interactions may determine nucleosome positions on yeast plasmids. Thoma F, et al. **Nature** 1985 May 16-22;315(6016):250-2

Stable replication of plasmids derived from Epstein-Barr virus in various mammalian cells. Yates JL, et al. **Nature** 1985 Feb 28-Mar 6;313(6005):812-5

Plasmid-related anaerobic autotrophy of the novel archaebacterium Sulfolobus ambivalens. Zillig W, et al. **Nature** 1985 Feb 28-Mar 6;313(6005):789-91

Plasmid in Fusobacterium necrophorum. Nakamura K, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):313-6

Naturally occurring plasmid coding for heat-labile enterotoxin production and drug resistance from Escherichia coli strain of porcine origin. Ohmae K, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):125-8

Virulence-associated plasmids of Yersinia enterocolitica isolated in Japan. Tanaka M, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):945-9

Complete sequence of pSC101. Bernardi A, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9415-26

Effect of superhelicity on the transcription from the tet promoter of pBR322. Abortive initiation and unwinding experiments. Bertrand-Burggraf E, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7741-52

Fate of exogenous recombinant plasmids introduced into mouse and human cells. Biamonti G, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5545-61

Construction of a vector, pRSVcatamb38, for the rapid and sensitive assay of amber suppression in human and other mammalian cells. Burke JF, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1317-26

Analysis of dominant copy number mutants of the plasmid pMB1. Castagnoli L, et al. **Nucleic Acids Res** 1985 Jul 25; 13(14):5353-67

Analysis of the promoters for the two immunity genes present in the ColE3-CA38 plasmid using two new promoter probe vectors. Chak KF, et al. **Nucleic Acids Res** 1985 Apr 11; 13(7):2519-31

Efficient octopine Ti plasmid-derived vectors for Agrobacterium-mediated gene transfer to plants. Deblaere R, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4777-88

Separation of complementary strands of plasmid DNA using the biotin-avidin system and its application to heteroduplex formation and RNA/DNA hybridizations in electron microscopy. Delius H, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5457-69

A plasmid vehicle suitable for the molecular cloning and characterization of mammalian promoters. Featherstone MS, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7235-49

Autorepressor properties of the pi-initiation protein encoded by plasmid R6K. Filutowicz M, et al. **Nucleic Acids Res** 1985 Jan 11;13(1):103-14

Cloning and nucleotide sequences of the linear DNA killer plasmids from yeast. Hishinuma F, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7581-97

DNA synthesis in yeast cell-free extracts dependent on recombinant DNA plasmids purified from Escherichia coli. Jong AY, et al. **Nucleic Acids Res** 1985 Apr 25; 13(8):2943-58

Unusual plasmid DNA organization in an octopine crown gall tumor. Kwok WW, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):459-71

Cloning with tandem gene systems for high level gene expression. Lee N, et al. **Nucleic Acids Res** 1984 Sep 11; 12(17):6797-812

Structure and expression of the ColE2-P9 immunity gene. Masaki H, et al. **Nucleic Acids Res** 1985 Mar 11; 13(5):1623-35

Single stranded DNA SP6 promoter plasmids for engineering mutant RNAs and proteins: synthesis of a 'stretched' preproparathyroid hormone. Mead DA, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1103-18

Efficient in vitro synthesis of biologically active RNA and RNA hybridization probes from plasmids containing a bacteriophage SP6 promoter. Melton DA, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7035-56

Comparison of the nucleotide sequences of the vegetative replication origins of broad host range IncP plasmids R751 and RK2 reveals conserved features of probable functional importance. Smith CA, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):557-72

Physical and functional structure of a yeast plasmid, pSB3, isolated from Zygosaccharomyces bisporus. Toh-e A, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4267-83

Terminal structures of F2, a linear DNA plasmid from yeast: two different terminal structures in one linear DNA molecule. Kikuchi Y, et al. **Nucleic Acids Symp Ser** 1984; (15):177-80

Mode of degradation of plasmid DNA with ozone. Sawadaishi K, et al. **Nucleic Acids Symp Ser** 1984; (15):151-4

DNA cleavages of bleomycin-transition metal complexes induced by reductant, hydrogen peroxide, and ultraviolet light: characteristics and biological implication. Suzuki T, et al. **Nucleic Acids Symp Ser** 1984;(15):161-4

Isolation of bacterial plasmids by density gradient centrifugation in cesium trifluoroacetate (CsTFA) without the use of ethidium bromide. Andersson K, et al. **Plasmid** 1985 Jan;13(1):78-80

Rhizobium meliloti carries two megaplasmids. Banfalvi Z, et al. **Plasmid** 1985 Mar;13(2):129-38

Molecular characterization of a plasmid from Pseudomonas fluorescens involved in styrene degradation. Bestetti G, et al. **Plasmid** 1984 Nov;12(3):181-8

Preliminary analysis of the incompatibility determinant of a group B miniplasmid. Bird PI, et al. **Plasmid** 1985 Jul; 14(1):90-2

Transfer systems of K88 and K99 plasmids. Bradley DE. **Plasmid** 1985 Mar;13(2):118-28

Transformation of Zymomonas mobilis by a hybrid plasmid. Browne GM, et al. **Plasmid** 1984 Nov;12(3):211-4

A selection system for unequal crossing-over: plasmid construction and initial studies in Escherichia coli. Clevenger W, et al. **Plasmid** 1985 May;13(3):193-9

Design and development of amplifiable broad-host-range cloning vectors: analysis of the vir region of Agrobacterium tumefaciens plasmid pTiC58. Close TJ, et al. **Plasmid** 1984 Sep;12(2):111-8

The integrated and free states of Streptomyces griseus plasmid pSG1. Cohen A, et al. **Plasmid** 1985 Jan; 13(1):41-50

Plasmid vectors based on Tn10 DNA: gene expression regulated by tetracycline. de la Torre JC, et al. **Plasmid** 1984 Sep;12(2):103-10

Localization of agropine-synthesizing functions in the TR region of the root-inducing plasmid of Agrobacterium rhizogenes 1855. De Paolis A, et al. **Plasmid** 1985 Jan; 13(1):1-7

Plasmids related to the broad host range vector, pRK290, useful for gene cloning and for monitoring gene expression. Ditta G, et al. **Plasmid** 1985 Mar;13(2):149-53

Tn5 insertions in the agrocin 84 plasmid: the conjugal nature of pAgK84 and the locations of determinants for transfer and agrocin 84 production. Farrand SK, et al. **Plasmid** 1985 Mar;13(2):106-17

Detection of displacement ('D') loops with the properties of a replicating intermediate synthesized by a DNA/membrane complex derived from the low-copy-number plasmid RK2. Firshein W, et al. **Plasmid** 1984 Nov;12(3):227-32

Location of rep and inc sequences in the F secondary replicon. Gardner R, et al. **Plasmid** 1985 Mar;13(2):145-8

Physical and genetic characterization of the IncI plasmid R144-drd3. Hartskeerl RA, et al. **Plasmid** 1984 Nov; 12(3):215-7

A physical map of pPH1JI and pJB4JI. Hirsch PR, et al. **Plasmid** 1984 Sep;12(2):139-41

Isolation and characterization of megaplasmid DNA from lithoautotrophic bacteria. Hogrefe C, et al. **Plasmid** 1984 Nov;12(3):161-9

Expression of a Rhizobium phaseoli Sym plasmid in R. trifolii and Agrobacterium tumefaciens: incompatibility with a R. trifolii Sym plasmid. Hooykaas PJ, et al. **Plasmid** 1985 Jul; 14(1):47-52

The development of plasmid-free strains of Agrobacterium tumefaciens by using incompatibility with a Rhizobium meliloti plasmid to eliminate pAtC58. Hynes MF, et al. **Plasmid** 1985 Mar;13(2):99-105

Restriction map of an agropine-type Ri plasmid and its homologies with Ti plasmids. Jouanin L. **Plasmid** 1984 Sep; 12(2):91-102

Factors affecting the isolation of CCC DNA from Streptomyces lividans and Escherichia coli. Kieser T. **Plasmid** 1984 Jul;12(1):19-36

Insertion mutations in the promiscuous IncP-1 plasmid R18 which affect its host range between Pseudomonas species. Krishnapillai V, et al. **Plasmid** 1984 Nov;12(3):170-80

A restriction map of virulence plasmid pVYE439-80 from a serogroup 9 Yersinia enterocolitica strain. Laroche Y, et al. **Plasmid** 1984 Jul;12(1):67-70

Control of replication of bacterial plasmids: genetics, molecular biology, and physiology of the plasmid R1 system. Nordström K, et al. **Plasmid** 1984 Sep;12(2):71-90 (68 ref.)

A specialized host-vector system for the in vivo cloning of the trp operon of wild-type and mutant strains of Salmonella typhimurium by generalized transduction. Patterson T, et al. **Plasmid** 1984 Nov;12(3):149-60

Characterization of the basic replicons of the chimeric R/Ent plasmid pCG86 and the related Ent plasmid P307. Picken RN, et al. **Plasmid** 1984 Jul;12(1):10-8

lacZ' gene fusions and insertion mutagenesis in the TL-region of Agrobacterium rhizogenes Ri plasmid. Plessis A, et al. **Plasmid** 1985 Jul;14(1):17-27

Reciprocal intrapool variation in plasmid copy numbers: a characteristic of segregational incompatibility. Projan SJ, et al. **Plasmid** 1984 Jul;12(1):52-60

RepFIC, a basic replicon of IncFI plasmids that has homology with a basic replicon of IncFII plasmids. Saadi S, et al. **Plasmid** 1984 Jul;12(1):61-4

A small mobilizable IncP group plasmid vector packageable into bacteriophage lambda capsids in vitro. Selvaraj G, et al. **Plasmid** 1985 Jan;13(1):70-4

Transcription signals in a region essential for replication of plasmid R6K. Shafferman A, et al. **Plasmid** 1985 Jan; 13(1):51-8

Restriction endonuclease mapping of R27 (TP117), an incompatibility group HI subgroup 1 plasmid from Salmonella typhimurium. Taylor DE, et al. **Plasmid** 1985 Jan;13(1):75-7

Relationships of the Col plasmids E2, E3, E4, E5, E6, and E7: restriction mapping and colicin gene fusions. Watson RJ, et al. **Plasmid** 1985 May;13(3):205-10

A physical and genetic map of the IncFI plasmid ColV2-K94. Weber PC, et al. **Plasmid** 1985 May; 13(3):215-8

Expression of cloned plasmid regions encoding colonization factor antigen I (CFA/I) in Escherichia coli. Willshaw GA, et al. **Plasmid** 1985 Jan;13(1):8-16

Regions of homology in small colicinogenic plasmids. Zverev VV, et al. **Plasmid** 1984 Nov;12(3):203-5

Plasmid P1 replication: negative control by repeated DNA sequences. Chattoraj D, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6456-60

P1 plasmid replication: multiple functions of RepA protein at the origin. Chattoraj DK, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2588-92

Direct transfection of viral and plasmid DNA into the liver or spleen of mice. Dubensky TW, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7529-33

Electron microscopic visualization of trp operon expression in Salmonella typhimurium. French S, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4638-42

Genes specifying degradation of 3-chlorobenzoic acid in plasmids pAC27 and pJP4. Ghosal D, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1638-42

Plasmid transfer from Escherichia coli to Bacteroides fragilis: differential expression of antibiotic resistance phenotypes. Guiney DG, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(22):7203-6

Identification of pTiC58 plasmid-encoded proteins for virulence in Agrobacterium tumefaciens. Hagiya M, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2669-73

Protein RepC is involved in copy number control of the broad host range plasmid RSF1010. Haring V, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6090-4

Mechanism of toxin secretion by Vibrio cholerae investigated in strains harboring plasmids that encode heat-labile enterotoxins of Escherichia coli. Hirst TR, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7752-6

Two-micrometer circle site-specific recombination: the minimal substrate and the possible role of flanking sequences. Jayaram M. **Proc Natl Acad Sci USA** 1985 Sep; 82(17):5875-9

Replication initiator protein of plasmid R6K autoregulates its own synthesis at the transcriptional step. Kelley W, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2574-8

Absence of RNase H allows replication of pBR322 in Escherichia coli mutants lacking DNA polymerase I. Kogoma T. **Proc Natl Acad Sci USA** 1984 Dec; 81(24):7845-9

Plasmid pT181 replication is regulated by two countertranscripts. Kumar CC, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):638-42

Plasmid-induced 'hit-and-run' tumorigenesis in Chinese hamster embryo fibroblast (CHEF) cells. Lau CC, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2839-43

A cosmid vector that facilitates restriction enzyme mapping. Little PF, et al. **Proc Natl Acad Sci USA** 1985 May; 82(10):3159-63

Mutations in direct repeat sequences and in a conserved sequence adjacent to the repeats result in a defective replication origin in plasmid R6K. McEachern MJ, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1480–4

Nucleotide sequence of the insertion sequence found in the T-DNA region of mutant Ti plasmid pTiA66 and distribution of its homologues in octopine Ti plasmid. Machida Y, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(23):7495–9

T-DNA border sequences required for crown gall tumorigenesis. Peralta EG, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5112–6

Processing of donor DNA during Haemophilus influenzae transformation: analysis using a model plasmid system. Pifer ML, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3731–5

Enhanced recombination between lambda plac5 and F42lac: identification of cis- and trans-acting factors. Seifert HS, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7500–4

The replication initiator protein of plasmid pSC101 is a transcriptional repressor of its own cistron. Vocke C, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2252–6

R46 and pKM101 plasmid-mediated resistance to ionizing radiation in Escherichia coli. Francia I, et al. **Radiat Res** 1985 Sep;103(3):410–8

Detection of tumor-inducing plasmid DNA sequence in Agrobacterium tumefaciens by DNA-DNA hybridization. Furukawa K, et al. **Radioisotopes** 1984 Aug;33(8):543–6

Effects of tritiated water on the DNA of plasmid pBR 322. Yoshinaga K, et al. **Radioisotopes** 1984 Jul;33(7):456–8

A single recombinant plasmid expressing two major outer surface proteins of the Lyme disease spirochete. Howe TR, et al. **Science** 1985 Feb 8;227(4687):645–6

Intercontinental spread of a new antibiotic resistance gene on an epidemic plasmid. O'Brien TF, et al. **Science** 1985 Oct 4;230(4721):87–8

Shuttling of integrated vectors from mammalian cells to E. coli is mediated by head-to-tail multimeric inserts. Lutfalla G, et al. **Somatic Cell Mol Genet** 1985 May;11(3):223–38

Replication of pSV2-gpt in COS-1 cells: stability of plasmid DNA in the presence and absence of biochemical selection. Tsui LC, et al. **Somatic Cell Mol Genet** 1985 Mar; 11(2):167–76

Biochemical characterization of E. coli transconjugants with plasmids derived from Klebsiella pneumoniae. Bow H. **Southeast Asian J Trop Med Public Health** 1985 Mar; 16(1):98–103

Interactions of S-(2-haloethyl)-mercapturic acid analogs with plasmid DNA. Vadi HV, et al. **Toxicol Appl Pharmacol** 1985 Sep 30;80(3):386–96

Regulation of transcription in the segment of the bacteriophage T4 genome containing three of the head protein genes: plasmid-specific and phage chromosome-specific effects. Kassavetis GA, et al. **Virology** 1984 Dec;139(2):283–94

Plasmid-phage recombination in T7 infected Escherichia coli. Stone JC, et al. **Virology** 1984 Sep;137(2):305–13

Different mechanisms of TEM-1 and Oxa-1 mediated resistance to piperacillin in E. coli. Marre R, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Dec; 258(2–3):287–95

[Enterotoxin plasmids transmission of Escherichia coli] Lin CS. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1985 Jan; 19(1):11–3 (Eng. Abstr.) **(Chi)**

[Analysis of human leukocyte interferon gene cloned in plasmid p8218] Lu CD, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Feb; 6(1):1–4 (Eng. Abstr.) **(Chi)**

[Presence of plasmids in Neisseria meningitidis] Prère MF, et al. **Ann Inst Pasteur Microbiol** 1985 Mar-Apr; 136A(2):271–6 (Eng. Abstr.) **(Fre)**

[Stability without selection pressure of the plasmid pTG 201 during continuous fermentation of Escherichia coli BZ 18 immobilized in a carrageenan gel] de Taxis du Poët P, et al. **C R Acad Sci [III]** 1984;299(11):481–6 (Eng. Abstr.) **(Fre)**

[Prevalence and dispersion of plasmids conferring fosfomycin resistance in enterobacteria] Hardisson C, et al. **Pathol Biol (Paris)** 1984 Sep;32(7):755–8 (Eng. Abstr.) **(Fre)**

[Epidemiological surveillance of beta-lactamase-producing gonococci. II--Characterization of plasmids of 66 strains isolated in France (May 1979–March 1983)] Labidi A, et al. **Pathol Biol (Paris)** 1984 Dec;32(10):1013–8 (Eng. Abstr.) **(Fre)**

[Possible role of arthropods in the circulation and distribution of plasmids] Britz L. **Angew Parasitol** 1984 Aug;25(3):141–7 (Eng. Abstr.) **(Ger)**

[Plasmid-mediated pathogenicity factors of Yersinia enterocolitica from the epidemiological viewpoint] Hammerschmidt W, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug; 257(3):323–42 (Eng. Abstr.) **(Ger)**

[Optimization of liquid scintillation counting by using multichannel pulse-height analyzer] Ito N, et al. **Radioisotopes** 1984 Aug;33(8):539–42 (Eng. Abstr.) **(Jpn)**

[Sex pheromones and plasmid transfer in Streptococcus faecalis] Ike Y, et al. **Tanpakushitsu Kakusan Koso** 1985 Feb;30(2):113–29 (61 ref.) **(Jpn)**

[Natural interferon inducers: double-stranded RNA of killer plasmids of Saccharomyces cerevisiae] Duzhak AB, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):19–21 (Eng. Abstr.) **(Rus)**

[DNA cloning in actinomycetes: the creation of vector systems] Danilenko VN, et al. **Antibiotiki** 1984 Aug; 29(8):563–72 (Eng. Abstr.) **(Rus)**

[Plasmids and the genome instability of Streptomyces] Starodubtseva LI, et al. **Antibiotiki** 1984 Jul;29(7):536–55 (131 ref.) **(Rus)**

[Plasmid vectors with a semi-synthetic beta-galactosidase gene of E. coli] Korobko VG, et al. **Bioorg Khim** 1983 Sep;9(9):1285–9 (Eng. Abstr.) **(Rus)**

[A plasmid vector with temperature-controlled gene expression] Kravchenko VV, et al. **Bioorg Khim** 1985 Apr; 11(4):523–33 (Eng. Abstr.) **(Rus)**

[Systems regulating the tra genes of derepressed F-like plasmids] Shchipkov VP, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):226–7 (Eng. Abstr.) **(Rus)**

[Plasmid transformation of Bacillus subtilis: effect of inverted repetitions] Boitsov AS, et al. **Dokl Akad Nauk SSSR** 1985; 282(2):437–40 **(Rus)**

[Mobile genetic elements of plasmid R15] Dobritsa AP, et al. **Dokl Akad Nauk SSSR** 1984;277(4):980–3 **(Rus)**

[Plasmid vectors pBBV for the cloning and regeneration of DNA fragments with any terminal nucleotide sequence] Dobrynin VN, et al. **Dokl Akad Nauk SSSR** 1984; 278(4):1002–5 **(Rus)**

[Phagemids in genetic engineering: an analysis of gene clonotheques] Mel'nikov AA, et al. **Dokl Akad Nauk SSSR** 1985;280(6):1437–41 **(Rus)**

[Mutagenicity of the DNA of the herpes simplex virus and of plasmid pBR325tk in cultured mammalian cells] Rubashevskiĭ EL, et al. **Dokl Akad Nauk SSSR** 1984; 279(3):752–4 **(Rus)**

[Characteristics of the gene expression of DNA methylase EcoK cloned in pBR 322] Zinkevich VE, et al. **Dokl Akad Nauk SSSR** 1985;282(4):993–5 **(Rus)**

[Organization of the genes responsible for colicin Ib synthesis and immunity to it in plasmid ColIb-P9] Pshennikova ES, et al. **Genetika** 1985 Apr;21(4):541–7 (Eng. Abstr.) **(Rus)**

[Inheritance of hybrid plasmid pAS*-21 by cells of the purple phototropic nitrogen-fixing bacterium Rhodopseudomonas sphaeroides] Dubelkovskiĭ AN, et al. **Genetika (Moskva)** 1984 Nov;20(11):1783–91 (Eng. Abstr.) **(Rus)**

[Selection, analysis and mapping of mutations in the gene for resistance to kanamycin in plasmid RP4] Mironov VN, et al. **Genetika (Moskva)** 1984 Sep;20(9):1457–62 (Eng. Abstr.) **(Rus)**

[Maintenance stability of the pBR322 and pBR327 vector plasmids in Escherichia coli cells during multiple passages] Potapova IA, et al. **Genetika (Moskva)** 1985 Feb; 21(2):344–6 (Eng. Abstr.) **(Rus)**

[Properties of potential vectors--derivatives of the broad-host--range plasmid RP4] Riabchenko LE, et al. **Genetika (Moskva)** 1984 Oct;20(10):1594–606 (Eng. Abstr.) **(Rus)**

[Excision process of integrated plasmid pBD12 from the Bacillus subtilis chromosome] Savchenko GB, et al. **Genetika (Moskva)** 1985 Feb;21(2):229–38 (Eng. Abstr.) **(Rus)**

[Derepressed mutants of the genetic transfer factor pAP38] Shchipkova NI, et al. **Izv Akad Nauk SSSR [Biol]** 1985 Mar-Apr;(2):294–8 (Eng. Abstr.) **(Rus)**

[Comparative study of the plasmids controlling naphthalene biodegradation by a Pseudomonas culture] Kochetkov VV, et al. **Mikrobiologiia** 1984 Jul-Aug;53(4):639–44 (Eng. Abstr.) **(Rus)**

[Isolation and characteristics of a temperature-sensitive plasmid pRP19.6--an RP1 derivative containing the duplicated IS21 sequence] Danilevich VN, et al. **Mol Biol (Mosk)** 1984 Jul-Aug;18(4):1111–20 (Eng. Abstr.) **(Rus)**

[Circular transcription map of the plasmid pBR322] Denisova LIa, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):537–44 (Eng. Abstr.) **(Rus)**

[Directed modification of the Tcr gene region of the plasmid pBR322 using complementary single-stranded DNA fragments carrying alkylating groups] Mazin AV, et al. **Mol Biol (Mosk)** 1984 Jul-Aug;18(4):1081–9 (Eng. Abstr.) **(Rus)**

[Lambda plasmidophages and their properties] Mel'nikov AA, et al. **Mol Biol (Mosk)** 1985 May-Jun;19(3):610–6 (Eng. Abstr.) **(Rus)**

[Weakening of bacteriophage lambda EcoK DNA restriction in the presence of plasmid pKM101 ard+. I. General characteristics and genetic localization] Zavil'gel'skiĭ GB, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1590–6 (Eng. Abstr.) **(Rus)**

[Partial suppression of rec B rec C mutations in E. coli by plasmid pBR 322 containing a Bacillus subtilis chromosome insertion] Barabanshchikov BI, et al. **Tsitol Genet** 1985 Mar-Apr;19(2):128–32 (Eng. Abstr.) **(Rus)**

[Genetic transformation of somatic cells. III. An analysis of the status of the plasmid nucleotide sequences in the extrachromosomal DNA of transformant clone cells and the rescue of extrachromosomal molecules of the plasmid DNA] Tomilin NV, et al. **Tsitologiia** 1985 May; 27(5):565–71 (Eng. Abstr.) **(Rus)**

[Genetic transformation of somatic cells. II. An analysis of the status of the plasmid nucleotide sequences in chromosomal DNA and the thymidine kinase activity in transformant clone cells] Tomilin NV, et al. **Tsitologiia** 1985 May;27(5):554–64 (Eng. Abstr.) **(Rus)**

[Medical significance of the bacterial extrachromosomal group of genes--plasmids] Trgovčević Z, et al. **Vojnosanit Pregl** 1985 Jan-Feb;42(1):35–8 **(Scr)**

[The conjugation system determined by plasmid R477 and other plasmids belonging to the H2 incompatibility group] Cavazza ME, et al. **Rev Latinoam Microbiol** 1984 Jan-Mar; 26(1):61–8 (Eng. Abstr.) **(Spa)**

[Effect of F-prime, Col factor and R factor on the mutation phenotype in the Escherichia coli K12 strain] Kalaycioğlu A. **Mikrobiyol Bul** 1985 Jul;19(3):127–32 (Eng. Abstr.) **(Tur)**

DRUG EFFECTS

Transferable plasmid-linked chloramphenicol acetyltransferase conferring high-level resistance in Bacteroides uniformis. Martínez-Suárez JV, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):113–7

Drug resistant plasmids of Pseudomonas aeruginosa. Pai SR, et al. **Indian J Med Res** 1984 Nov;80:521–7

Production of single- and double-strand breaks in plasmid DNA by ozone. Hamelin C. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):253–7

Plasmidless, photosynthetically incompetent mutants of Rhodospirillum rubrum. Kuhl SA, et al. **J Bacteriol** 1984 Sep;159(3):913–8

Transferable resistance to cefotaxime and cefuroxime is regulated by the same plasmid gene. Krčméry V, et al. **J Hyg Epidemiol Microbiol Immunol** 1985;29(1):101–4

Sites of reaction of Escherichia coli DNA gyrase on pBR322 in vivo as revealed by oxolinic acid-induced plasmid linearization. Lockshon D, et al. **J Mol Biol** 1985 Jan 5; 181(1):63–74

Mutagenic SOS repair of site-specific psoralen damage in plasmid pBR322. Saffran WA, et al. **J Mol Biol** 1984 Sep 25;178(3):595–609

An alteration leading to loss of ability to support phleomycin mutagenesis in the pKM101-derived plasmid pGW16 is located in or close to the mucAB genes. Hall RM, et al. **Mutat Res** 1985 Jul;146(1):47–53

[Plasmid resistance to antibiotics] Ounissi H, et al. **Tunis Med** 1983 Nov-Dec;61(6):375–80 (Eng. Abstr.) **(Fre)**

[Antimutagenic effects of para-aminobenzoic acid in experiments with bacterial cells. Noninterference in the mutation process controlled by plasmid pKM101] Vasil'eva SV, et al. **Genetika (Moskva)** 1985 Mar;21(3):364–7 (Eng. Abstr.) **(Rus)**

[Action of dicaine on the efficiency of plasmid transformation and transfection in Escherichia coli K12] Likhacheva NA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec; (12):62–5 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Binding of Escherichia coli DNA photolyase to UV-irradiated DNA. Sancar GB, et al. **Biochemistry** 1985 Apr 9;24(8):1849–55

Relaxation of supercoiled plasmid DNA by oxidative stresses in Escherichia coli. Horiuchi H, et al. **J Bacteriol** 1984 Dec;160(3):1017–21

Repair of UV damage in plasmid DNA by human fibroblasts. Mooibroek H, et al. **MGG** 1984;195(1–2):175–9

Wavelength dependence for AMT crosslinking of pBR322 DNA. Gasparro FP, et al. **Photochem Photobiol** 1984 Aug; 40(2):215–9

Chemical and biological consequences of the radioactive decay of iodine-125 in plasmid DNA. Linz U, et al. **Radiat Res** 1985 Feb;101(2):262–78

[Mutagenic effects of gamma-rays on plasmid DNA in Escherichia coli] Kalinin VL, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):599–602 (Eng. Abstr.) **(Rus)**

PLASMIN see **FIBRINOLYSIN**

PLASMINOGEN

The AH-site of plasminogen and two C-terminal fragments. A weak lysine-binding site preferring ligands not carrying a free carboxylate function. Christensen U. **Biochem J** 1984 Oct 15;223(2):413–21

Analysis and identification of aromatic signals in the proton magnetic resonance spectrum of the kringle 4 fragment from human plasminogen. De Marco A, et al. **Biochemistry** 1985 Jan 29;24(3):748–53

Determination of the complete amino-acid sequence of porcine miniplasminogen. Marti T, et al. **Eur J Biochem** 1985 Jun 3;149(2):279–85

Complete amino acid sequence of bovine plasminogen. Comparison with human plasminogen. Schaller J, et al. **Eur J Biochem** 1985 Jun 3;149(2):267–78

Domains in human plasminogen. Novokhatny VV, et al. **J Mol Biol** 1984 Oct 25;179(2):215–32

Abnormal plasminogen: a genetically determined cause of hypercoagulability. Towne JB, et al. **J Vasc Surg** 1984 Nov; 1(6):896–902

ADMINISTRATION & DOSAGE

[Results of in situ arterial thrombolysis by the combination of urokinase and lysyl plasminogen in acute arterial occlusive diseases of the lower limbs] Pernes JM, et al. **J Radiol** 1985 May;66(5):385–91 (Eng. Abstr.) **(Fre)**

[Combination of lys-plasminogen and urokinase in subpopliteal acute ischemia. Preliminary results (letter)] Girand C, et al. **Presse Med** 1985 Feb 9;14(5):281–2 **(Fre)**

[Local low-dose thrombolytic treatment with sequential urokinase-plasminogen in deep central venous thrombosis] Robert D, et al. **Rev Med Interne** 1984 Sep;5(3):263-7 (Eng. Abstr.) **(Fre)**

ANALYSIS

Changes in antithrombin, antiplasmin, and plasminogen during and after cardiopulmonary bypass. Wolk LA, et al. **Am Surg** 1985 Jun;51(6):309-13

Antithrombin III, plasminogen, plasmin, and alpha-2-antiplasmin in donor blood and plasma components. McRoyan DK, et al. **Ann Clin Lab Sci** 1985 Mar-Apr;15(2):165-70

Clinical significance of antithrombin III, plasminogen and alpha 2-plasmin inhibitor in perinatal period. Fuse Y, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):121-5

Proton Overhauser experiments on kringle 4 from human plasminogen. Implications for the structure of the kringles' hydrophobic core. De Marco A, et al. **Biochim Biophys Acta** 1985 Mar 1;827(3):369-80

Chromogenic microtitre tray assay for plasminogen. Exner T, et al. **Clin Lab Haematol** 1984;6(4):379-81

Antithrombin III, plasminogen and alpha 2 antiplasmin in jaundice. Clinical usefulness and prognostic significance. Rodzynek JJ, et al. **Gut** 1984 Oct;25(10):1050-6

Measles antibodies, anti-proteinase and plasminogen distribution in serum and plasma from patients affected with multiple sclerosis and patients affected with non-neurological diseases. Bollengier F, et al. **J Clin Chem Clin Biochem** 1984 Oct;22(10):653-9

Perturbation of fibrinolysis inhibitors in progressive systemic sclerosis. Rothschild B, et al. **Med Hypotheses** 1985 Mar; 16(3):253-60

The establishment of a standard for plasminogen (glu-type). Gaffney PJ, et al. **Thromb Haemost** 1984 Jul 29;51(3):376-8

A functional plasminogen assay utilizing the potentiating effect of fibrinogen to correct for the overestimation of plasminogen in pathological plasma samples. Gram J, et al. **Thromb Haemost** 1985 Apr 22;53(2):255-9

[The values of plasminogen, antithrombin III, factor XIII and fibrinogen according to age and sex] Ogawa K, et al. **Rinsho Byori** 1984 Jun;32(6):679-82 **(Jpn)**

[Comparison of fibrinogen and synthetic chromogenic substrates in the determination of blood plasminogen contents and the reliability of the method using synthetic chromogen as a substrate] Uete T. **Rinsho Byori** 1984 Dec; 32(12):1395-9 **(Jpn)**

BIOSYNTHESIS

Biosynthesis of plasminogen by the perfused rat liver. Owens MR, et al. **J Lab Clin Med** 1985 Mar;105(3):368-73

BLOOD

[Effects of subcutaneous administration of pentagastrin and duodenal alkalinization on plasma group I pepsinogen (PGI-p) in man] Pustorino S, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):241-4 (Eng. Abstr.) **(Ita)**

DEFICIENCY

Recurring thromboembolic disease and pulmonary hypertension associated with severe hypoplasminogenemia. Lottenberg R, et al. **Am J Hematol** 1985 Jun;19(2):181-93

GENETICS

Parentage testing using the serum protein plasminogen (PLG). Dykes DD, et al. **Am J Clin Pathol** 1984 Dec; 82(6):722-5

Genetic linkage relationships of equine plasminogen (PLG) with 23 loci. Weitkamp LR, et al. **Anim Blood Groups Biochem Genet** 1985;16(1):61-3

Differences of frequency distributions of plasminogen phenotypes between Japanese and American populations: new methods for the detection of plasminogen variants. Aoki N, et al. **Biochem Genet** 1984 Oct;22(9-10):871-81

Characterization of a complementary deoxyribonucleic acid coding for human and bovine plasminogen. Malinowski DP, et al. **Biochemistry** 1984 Aug 28;23(18):4243-50

Plasminogens Tochigi II and Nagoya: two additional molecular defects with Ala-600----Thr replacement found in plasmin light chain variants. Miyata T, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):277-87

Plasminogen (PLG): a useful genetic marker for paternity examinations. Weidinger S, et al. **Z Rechtsmed** 1985; 94(3):165-71

ISOLATION & PURIFICATION

Isolation of feline plasma plasminogen. Furukawa T, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):867-70

Factors influencing the separation of glu-plasminogen affinity forms I and II by affinity chromatography. Traas DW, et al. **Thromb Haemost** 1984 Dec 29;52(3):347-9

METABOLISM

A monoclonal antibody to the epsilon-aminocaproic acid binding site on the kringle 4 region of human plasminogen that accelerates the activation of Glu1-plasminogen by urokinase. Cummings HS, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):612-8

Fibrinolysis and plasminogen concentration in aortic intima in relation to death following myocardial infarction. Smith EB, et al. **Atherosclerosis** 1985 May;55(2):171-86

Kinetic studies on the interaction of streptokinase and other plasminogen activators with plasminogen and fibrin. Fears R, et al. **Biochem J** 1985 Jul 15;229(2):555-8

Identification of molecular forms of plasminogen and plasmin-inhibitor complexes in urokinase-activated human plasma. Müllertz S, et al. **Biochem J** 1984 Oct 1; 223(1):169-77

Zymogen-activation kinetics. Modulatory effects of trans-4-(aminomethyl)cyclohexane-1-carboxylic acid and poly-D-lysine on plasminogen activation. Petersen LC, et al. **Biochem J** 1985 Jan 1;225(1):149-58

Sequence of formation of molecular forms of plasminogen and plasmin-inhibitor complexes in plasma activated by urokinase or tissue-type plasminogen activator. Thorsen S, et al. **Biochem J** 1984 Oct 1;223(1):179-87

Hydrodynamic studies on the streptokinase complexes of human plasminogen, Val442-plasminogen, plasmin, and the plasmin-derived light (B) chain. Barlow GH, et al. **Biochemistry** 1984 May 22;23(11):2384-7

Quantitative characterization of the binding of plasminogen to intact fibrin clots, lysine-sepharose, and fibrin cleaved by plasmin. Bok RA, et al. **Biochemistry** 1985 Jun 18; 24(13):3279-86

Cooperative association of plasminogen with fibrinogen. Lewis MS, et al. **Biochemistry** 1984 Aug 14;23(17):3874-9

Interference of active site specific reagents in plasminogen-streptokinase active site formation. Wohl RC. **Biochemistry** 1984 Aug 14;23(17):3799-804

Photoaffinity labeling of functionally different lysine-binding sites in human plasminogen and plasmin. Ryan TJ, et al. **Biochim Biophys Acta** 1985 Aug 8;830(2):187-94

Characterization of the high-affinity interaction between human plasminogen and pro-urokinase. Lijnen HR, et al. **Eur J Biochem** 1985 Jul 1;150(1):141-4

C-terminal lysine residues of fibrinogen fragments essential for binding to plasminogen. Christensen U. **FEBS Lett** 1985 Mar 11;182(1):43-6

Tissue plasminogen activator and urokinase mediate the binding of Glu-plasminogen to plasma fibrin I. Evidence for new binding sites in plasmin-degraded fibrin I. Harpel PC, et al. **J Biol Chem** 1985 Apr 10;260(7):4432-40

Binding and activation of plasminogen on the platelet surface. Miles LA, et al. **J Biol Chem** 1985 Apr 10;260(7):4303-11

Activation of immobilized plasminogen by tissue activator. Multimolecular complex formation. Silverstein RL, et al. **J Biol Chem** 1985 Aug 25;260(18):10346-52

The fibrin-binding site of human plasminogen. Arginines 32 and 34 are essential for fibrin affinity of the kringle 1 domain. Váli Z, et al. **J Biol Chem** 1984 Nov 25; 259(22):13690-4

Platelet thrombospondin forms a trimolecular complex with plasminogen and histidine-rich glycoprotein. Silverstein RL, et al. **J Clin Invest** 1985 Jun;75(6):2065-73

Complex formation of platelet thrombospondin with plasminogen. Modulation of activation by tissue activator. Silverstein RL, et al. **J Clin Invest** 1984 Nov;74(5):1625-33

Physiological activation of plasminogen in full term newborn infants. Hilali MM, et al. **J Clin Pathol** 1984 Nov; 37(11):1264-7

The fibrinolytic action of flufenamate and its influence on plasminogen binding to fibrin. Chevallet-Prandini MH, et al. **Thromb Res** 1985 Jun 1;38(5):481-9

Importance of the interaction between plasminogen and fibrin for plasminogen activation by tissue-type plasminogen activator. Dunn FW, et al. **Thromb Res** 1984 Nov 15; 36(4):345-51

Species specificity in the acceleration of tissue-type plasminogen activator-mediated activation of plasminogens, by fibrinogen cyanogen bromide fragments. Nieuwenhuizen W, et al. **Thromb Res** 1985 Jun 15; 38(6):663-70

The activation of Glu- and Lys-plasminogens by streptokinase: effects of fibrin, fibrinogen and their degradation products. Takada A, et al. **Thromb Res** 1985 Feb 1;37(3):465-75

The enhanced activation of Glu-plasminogen by urokinase in the presence of fibrin or des A fibrin as measured by the release of B beta peptide and FDP. Urano T, et al. **Thromb Res** 1984 Dec 1;36(5):429-35

Clearance of modified plasminogen produced in the circulation after strenuous exercise. Yamamoto J, et al. **Thromb Res** 1984 Oct 1;36(1):67-71

[Serum plasminogen levels and timing of ovulation] Huber JC, et al. **Zentralbl Gynakol** 1984;106(16):1146-51 (Eng. Abstr.) **(Ger)**

[Antithrombin III, alpha 2-macroglobulin, alpha 1-antitrypsin and plasminogen in childhood diabetes] Kotschy M, et al. **Pol Tyg Lek** 1984 Apr 30;39(18):611-3 (Eng. Abstr.) **(Pol)**

PHARMACODYNAMICS

In vitro effects of the acylated streptokinase-plasminogen activator complex BRL 33 575 incubated with normal human plasma. Lämmle B, et al. **Thromb Haemost** 1984 Jul 29;51(3):403-5

Induction of a sustained fibrinolytic response by BRL 26921 in vitro. Fears R, et al. **Thromb Res** 1985 May 1; 38(3):251-60

Comparison of the hypotensive effects of streptokinase-(human) plasmin activator complex and BRL 26921 (p-anisoylated streptokinase-plasminogen activator complex) in the dog after high dose, bolus administration. Green J, et al. **Thromb Res** 1984 Oct 1;36(1):29-36

THERAPEUTIC USE

Coronary thrombolysis with intravenous anisoylated plasminogen-streptokinase complex BRL 26921. Been M, et al. **Br Heart J** 1985 Mar;53(3):253-9

Acylated derivatives of streptokinase-plasminogen activator complex as thrombolytic agents in a dog model of aged venous thrombosis. Dupe RJ, et al. **Thromb Haemost** 1985 Feb 18;53(1):56-9

Systemic effects of BRL 26921 during thrombolytic treatment of acute myocardial infarction. Hoffmann JJ, et al. **Thromb Res** 1985 Mar 1;37(5):567-72

[Present status of the regulation of physiological fibrinolysis. Therapeutic prospects of lys-plasminogen] Vandenbroek MD, et al. **Rev Med Interne** 1984 Sep;5(3):251-4 **(Fre)**

[Intra-arterial thrombolysis with the combination of urokinase and lysyl-plasminogen. 27 cases of acute arterial obliteration of the lower limbs] Vitoux JF, et al. **Rev Med Interne** 1984 Sep;5(3):255-61 (Eng. Abstr.) **(Fre)**

[Experimental and clinical studies on oral urokinase and lysyl-plasminogen. Thrombolytic therapy for cerebral thrombosis] Naito I. **Rinsho Ketsueki** 1984 Jul; 25(7):1027-35 (Eng. Abstr.) **(Jpn)**

PLASMINOGEN ACTIVATORS

Characterization of the high-affinity interaction between human plasminogen and pro-urokinase. Lijnen HR, et al. **Eur J Biochem** 1985 Jul 1;150(1):141-4

Coronary thrombolysis and infarct size reduction after intravenous infusion of recombinant tissue-type plasminogen activator in nonhuman primates. Flameng W, et al. **J Clin Invest** 1985 Jan;75(1):84-90

A nonantigenic covalent streptokinase-polyethylene glycol complex with plasminogen activator function. Rajagopalan S, et al. **J Clin Invest** 1985 Feb;75(2):413-9

ADMINISTRATION & DOSAGE

Coronary thrombolysis in dogs with intravenously administered human pro-urokinase. Collen D, et al. **Circulation** 1985 Aug;72(2):384-8

The Thrombolysis in Myocardial Infarction (TIMI) trial. Phase I findings. TIMI Study Group. **N Engl J Med** 1985 Apr 4;312(14):932-6

Coronary thrombolysis with facilitated absorption of intramuscularly injected tissue-type plasminogen activator. Sobel BE, et al. **Proc Natl Acad Sci USA** 1985 Jun; 82(12):4258-62

ANALYSIS

Proteolytic activity of rabbit incisor dentine. Smith AJ, et al. **Arch Oral Biol** 1984;29(12):1049-50

Evidence for the presence of two different fibrinolytic inhibitors in human endothelial cell conditioned medium. Sprengers ED, et al. **Biochim Biophys Acta** 1984 Sep 28; 801(2):163-70

Isolation and characterization of Sertoli cell plasma membranes and associated plasminogen activator activity. Marzowski J, et al. **Biol Reprod** 1985 Jun;32(5):1237-45

Localization of plasminogen activators in human colon cancer by immunoperoxidase staining. Kohga S, et al. **Cancer Res** 1985 Apr;45(4):1787-96

A simple spectrophotometric assay of plasminogen activator: comparison with the fibrinolytic method. Zaoui D, et al. **Clin Chim Acta** 1984 Aug 31;141(2-3):101-9

Human tissue-type plasminogen activator is related to albumin and alpha-fetoprotein. Baker ME. **FEBS Lett** 1985 Mar 11;182(1):47-52

Plasminogen activator activity in differentiating leukemia cells. Kidron M, et al. **FEBS Lett** 1984 Nov 5;177(1):66-70

Estrogen-dependent plasminogen activator in 7,12-dimethylbenz[a]anthracene-induced rat mammary tumors in vivo and in vitro. Yamashita J, et al. **Gann** 1984 Aug;75(8):681-9

Plasminogen activator activity in human endometrial carcinoma. Whitney CW, et al. **Gynecol Oncol** 1985 Sep; 22(1):97-104

Evaluation of euglobulin methods for the study of blood fibrinolytic activity: results for patients with rheumatoid arthritis and in the postoperative period. Kluft C, et al. **Haemostasis** 1985;15(2):144-50

Effect of hypophysectomy on the tissue and blood plasminogen activator activity in the rat. Smokovitis A, et al. **Haemostasis** 1985;15(2):151-6

Characterization of plasminogen activators from normal human breast and colon and from breast and colon carcinomas. Tissot JD, et al. **Int J Cancer** 1984 Sep 15; 34(3):295-302

Immunological identification of plasminogen activators in normal and malignant tissues of the oral cavity in man. Ljungnér H, et al. **Int J Oral Surg** 1984 Aug;13(4):334-8

Latent and active plasminogen activator in corneal ulceration. Wang HM, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):511-24

Microassay for the photometric quantitation of cell-associated plasminogen activator using a chromogenic tripeptide substrate. Weinberg JB, et al. **J Immunol Methods** 1984 Dec 31;75(2):289-94

Proteolytic enzymes in tumor metastasis. I. Plasminogen activator in clones of Lewis lung carcinoma and T10 sarcoma. Eisenbach L, et al. **JNCI** 1985 Jan;74(1):77-85

Plasminogen activator activity in secretions from clinically normal, mastitic, lactating and dried-off udders of dairy cows. Kowalski ZE, et al. **Onderstepoort J Vet Res** 1984 Sep;51(3):209-12

Inherited fibrinolytic disorder due to an enhanced plasminogen activator level. Aznar J, et al. **Thromb Haemost** 1984 Oct 31;52(2):196-200

Tissue plasminogen activator concentrations in major abdominal surgery. Relationship to postoperative deep vein thrombosis. Mellbring G, et al. **Thromb Res** 1984 Nov 15; 36(4):331-4

A sensitive and specific assay for plasminogen activators. Smith DS, et al. **Thromb Res** 1985 Feb 15;37(4):533-41

Plasminogen activator activity in human breast cancer cytosols. Ng R, et al. **Tumour Biol** 1984;5(3-4):179-87

[Demonstration of plasminogen activators in the saliva of a predatory insect of the family of Reduviidae (Heteroptera)] Ben Hamouda MH, et al. **Arch Inst Pasteur Tunis** 1984 Mar;61(1):73-95 (Eng. Abstr.) **(Fre)**

[Tissue plasminogen activator activity in early prostatic cancer and in bone metastases of prostatic cancer] Pflüger H, et al. **Wien Klin Wochenschr** 1984 Sep 14;96(17):658-61 (Eng. Abstr.) **(Ger)**

[Fibrinolytic activity in cutaneous lesions of hereditary hemorrhagic telangiectasia] Watanabe M, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Jan;95(1):11-6 **(Jpn)**

ANTAGONISTS & INHIBITORS

Activities of antiplasmin and antiplasminogen activator in serous middle ear effusions. Hamaguchi Y, et al. **Ann Otol Rhinol Laryngol** 1985 May-Jun;94(3):293-6

Human endothelial cells produce a plasminogen activator inhibitor and a tissue-type plasminogen activator-inhibitor complex. Philips M, et al. **Biochim Biophys Acta** 1984 Nov 6;802(1):99-110

Isolation of tissue-type plasminogen activator-inhibitor complexes from human plasma. Evidence for a rapid plasminogen activator inhibitor. Thorsen S, et al. **Biochim Biophys Acta** 1984 Nov 6;802(1):111-8

Demonstration of a fast-acting inhibitor of plasminogen activators in human plasma. Kruithof EK, et al. **Blood** 1984 Oct;64(4):907-13

Minactivin expression in human monocyte and macrophage populations. Stephens RW, et al. **Blood** 1985 Aug; 66(2):333-7

Activated protein C decreases plasminogen activator-inhibitor activity in endothelial cell-conditioned medium. van Hinsbergh VW, et al. **Blood** 1985 Feb; 65(2):444-51

The influence of the polyphenols of cider on plasmin and plasminogen activators. Ogston D, et al. **Br J Haematol** 1985 Aug;60(4):705-13

Coordinate inhibition of plasminogen activator and tumor growth by hydrocortisone in mouse mammary carcinoma. Mira-y-Lopez R, et al. **Cancer Res** 1985 May;45(5):2270-6

Regulation of plasminogen activator activity in human fibroblastic cells by fibrosarcoma cell-derived factors. Saksela O, et al. **Cancer Res** 1985 May;45(5):2314-9

Glucocorticoid inhibition of urokinase-like plasminogen activators in cultured human lymphoblasts. Littlefield BA, et al. **Endocrinology** 1985 Sep;117(3):1100-9

An inhibitor of urokinase and tissue plasminogen activators in Dunning R3327H prostate tumors of rats treated with D-Trp6-LH-RH. Hierowski MT, et al. **Horm Res** 1985; 21(2):124-35

Generation in plasma of a fast-acting inhibitor of plasminogen activator in response to endotoxin stimulation. Colucci M, et al. **J Clin Invest** 1985 Mar;75(3):818-24

Detection and partial characterization of an inhibitor of plasminogen activator in human platelets. Erickson LA, et al. **J Clin Invest** 1984 Oct;74(4):1465-72

Platelet release protein which inhibits plasminogen activators. Booth NA, et al. **J Clin Pathol** 1985 Jul;38(7):825-30

Tissue plasminogen activator inhibitor in human plasma: development of a functional assay system and demonstration of a correlating Mr = 50,000 antiactivator. Korninger C, et al. **J Lab Clin Med** 1985 Jun;105(6):718-24

Inhibition of plasminogen activators by conditioned medium of human hepatocytes and hepatoma cell line Hep G2. Sprengers ED, et al. **J Lab Clin Med** 1985 Jun;105(6):751-8

Purification of a specific placental plasminogen activator inhibitor by monoclonal antibody and its complex formation with plasminogen activator. Astedt B, et al. **Thromb Haemost** 1985 Feb 18;53(1):122-5

Masking of fibrinolytic response to stimulation by an inhibitor of tissue-type plasminogen activator in plasma. Brommer EJ, et al. **Thromb Haemost** 1984 Oct 31;52(2):154-6

Vascular smooth muscle cells inhibit the plasminogen activators secreted by endothelial cells. Laug WE. **Thromb Haemost** 1985 Apr 22;53(2):165-9

Modulation of rapid plasminogen activator inhibitor in plasma by stanozolol. Verheijen JH, et al. **Thromb Haemost** 1984 Jul 29;51(3):396-7

Evidence for the occurrence of a fast-acting inhibitor for tissue-type plasminogen activator in human plasma. Verheijen JH, et al. **Thromb Haemost** 1984 Jul 29; 51(3):392-5

The fast inhibitor of tissue plasminogen activator in plasma during pregnancy. Wiman B, et al. **Thromb Haemost** 1984 Oct 31;52(2):124-6

The plasma inhibitors of plasminogen activator, studied by a zymographic technique. Booth NA, et al. **Thromb Res** 1985 May 1;38(3):261-7

A new function for activated protein C: activated protein C prevents inhibition of plasminogen activators by releasate from mononuclear leukocytes--platelet suspensions stimulated by phorbol diester. Taylor FB Jr, et al. **Thromb Res** 1985 Jan 1;37(1):155-64

[Stability of tissue plasminogen activator] Liutova LV, et al. **Vopr Med Khim** 1985 Jan-Feb;31(1):97-9 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Production, purification and characterization of the plasminogen activator in teratocarcinoma stem cells induced with sodium butyrate. Ichikawa N, et al. **Biken J** 1984 Dec;27(4):143-51

Synergism of vitamins A and C on fibrinolysis. Inada Y, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):182-7

In vivo induction of rat hepatic ornithine decarboxylase and plasminogen activator by 12-O-tetradecanoylphorbol 13-acetate. Buckley AR, et al. **Biochim Biophys Acta** 1985 Jul 26;841(1):127-30

Retinoids and synovial factor(s) stimulate the production of plasminogen activator by cultured human chondrocytes. A possible role for plasminogen activator in the resorption of cartilage in vitro. Meats JE, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):161-9

Enhanced plasminogen-activator production by leukocytes in the human and murine Chediak-Higashi syndrome. de Saint Basile G, et al. **Blood** 1985 May;65(5):1275-81

Production of plasminogen activators by human T-cell leukaemia virus-transformed human T cell lines. Hinuma S, et al. **Br J Cancer** 1985 Jun;51(6):753-9

Production of plasminogen activator by migrating cephalic neural crest cells. Valinsky JE, et al. **EMBO J** 1985 Jun; 4(6):1403-6

Regulation of plasminogen activator production by bone-resorbing hormones in normal and malignant osteoblasts. Hamilton JA, et al. **Endocrinology** 1985 Jun; 116(6):2186-91

Involvement of prostaglandins in LPS-mediated regulation of plasminogen activator synthesis by inflammatory macrophages. Drapier JC, et al. **Int J Immunopharmacol** 1984;6(4):345-50

Plasminogen activator in the rat ovary. Production and gonadotropin regulation of the enzyme in granulosa and thecal cells. Canipari R, et al. **J Biol Chem** 1985 Apr 25; 260(8):5121-5

Induction of fibrinolytic activity in HeLa cells by phorbol myristate acetate. Tissue-type plasminogen activator antigen and mRNA augmentation require intermediate protein biosynthesis. Waller EK, et al. **J Biol Chem** 1985 May 25;260(10):6354-60

Alteration of human follicular fluid plasminogen activator activity by ovarian hyperstimulation. Weimer SL, et al. **J In Vitro Fert Embryo Transfer** 1984 Dec;1(4):263-6

Biological properties of human tissue-type plasminogen activator obtained by expression of recombinant DNA in mammalian cells. Collen D, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):146-52

Production of plasminogen activator in cultures of superior cervical ganglia and isolated Schwann cells. Alvarez-Buylla A, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3519-23

Collagenase and plasminogen activator production by blood vessel-associated cells in response to angiogenic preparations. Moscatelli D. **Prog Clin Biol Res** 1985; 180:669-71

Enhanced production of prostaglandins and plasminogen activator during activation of human articular chondrocytes by products of mononuclear cells. Meats JE, et al. **Rheumatol Int** 1984;4(4):143-9

Ethinylestradiol and d-norgestrel regulation of plasminogen activator in a human melanoma cell line. Kjaeldgaard A, et al. **Thromb Res** 1984 Dec 15;36(6):591-7

Effect of Na+, K+ ion concentration on the production of plasminogen activator from a melanoma cell line. Matsuo O, et al. **Thromb Res** 1985 Jun 1;38(5):577-84

Successive study on the production of plasminogen activator in cultured endothelial cells by phytosterol. Shimonaka M, et al. **Thromb Res** 1984 Nov 1;36(3):217-22

Enhancement of endothelial plasminogen activator synthesis by lymphokines. Tiku ML, et al. **Transplantation** 1985 Sep; 40(3):293-8

[Stimulative production of plasminogen activator in endothelial cells with various inducers including phytosterol] Hagiwara H, et al. **Tanpakushitsu Kakusan Koso** 1985 Jan;30(1):1-12 (89 ref.) **(Jpn)**

BLOOD

Plasma fibrinolytic activity in patients undergoing major abdominal surgery. Mellbring G, et al. **Acta Chir Scand** 1985;151(2):109-14

Plasminogen-dependent fibrinolytic activity in normal human lymphocytes: diminished lymphocyte plasminogen activator in chronic lymphocytic leukemia. Zucker S, et al. **Am J Hematol** 1985 Aug;19(4):373-86

Plasminogen activator activity levels in patients with Behçet's syndrome. Mishima H, et al. **Arch Ophthalmol** 1985 Jul; 103(7):935-6

Two different mechanisms in patients with venous thrombosis and defective fibrinolysis: low concentration of plasminogen activator or increased concentration of plasminogen activator inhibitor. Nilsson IM, et al. **Br Med J [Clin Res]** 1985 May 18;290(6480):1453-6

Clinical pharmacology in patients with evolving myocardial infarction of tissue-type plasminogen activator produced by recombinant DNA technology. Tiefenbrunn AJ, et al. **Circulation** 1985 Jan;71(1):110-6

Acute effect of smoking on fibrinolysis: increase in the activity level of circulating extrinsic (tissue-type) plasminogen activator. Allen RA, et al. **Eur J Clin Invest** 1984 Oct;14(5):354-61

Enhanced fibrinolytic activity during cardiopulmonary bypass in open-heart surgery in man is caused by extrinsic (tissue-type) plasminogen activator. Stibbe J, et al. **Eur J Clin Invest** 1984 Oct;14(5):375-82

Characterisation of the vascular plasminogen activator from the pig ear. Klöcking HP, et al. **Folia Haematol (Leipz)** 1984;111(6):851-61

Isolation of urokinase, proenzyme of urokinase and tissue-type plasminogen activator from human plasma by combination of two kinds of affinity column cromatography methods. Takasugi S, et al. **Hiroshima J Med Sci** 1984 Sep;33(3):563-70

Assay of prekallikrein as plasminogen proactivator in plasma specimens from reactors to dextran or to contrast media. Briseid K, et al. **Int J Tissue React** 1984;6(6):529-36

Spontaneous fibrinolysis in whole human plasma. Identification of tissue activator-related protein as the major plasminogen activator causing spontaneous activity in vitro. Wun TC, et al. **J Biol Chem** 1985 Apr 25; 260(8):5061-6

Immune induction of human monocyte plasminogen activator. Characteristics of an assay for cell-mediated immunity. Ragsdale CG, et al. **J Immunol Methods** 1985 May 10;79(1):13-26

Determination of tissue plasminogen activator in plasma samples by means of a radioimmunoassay. Urdén G, et al. **Scand J Clin Lab Invest** 1984 Oct;44(6):495-502

In vitro fibrinolytic activity of recombinant tissue-type plasminogen activator in the plasma of various primate species. Lijnen HR, et al. **Thromb Haemost** 1984 Dec 29; 52(3):308-10

A sensitive assay for tissue plasminogen activator activity in plasma, using adsorption on lysine-sepharose. Gyzander E, et al. **Thromb Res** 1984 Sep 1;35(5):547-58

High levels of circulating von Willebrand factor inhibit the release of this protein but not of plasminogen activator after DDAVP. Vicente V, et al. **Thromb Res** 1985 Apr 1; 38(1):101-5

[Immunoradiometric determination of blood/tissue plasminogen activators in thrombophilia] Astedt B, et al. **Folia Haematol (Leipz)** 1984;111(4):475-9 (Eng. Abstr.) **(Ger)**

[Participation of the kidney in changes in the fibrinolytic system during electroshock] Andreenko GV, et al. **Vopr Med Khim** 1984 Jul-Aug;30(4):39-42 (Eng. Abstr.) **(Rus)**

GENETICS

Cloning, nucleotide sequencing and expression of cDNAs encoding mouse urokinase-type plasminogen activator. Belin D, et al. **Eur J Biochem** 1985 Apr 15;148(2):225-32

Expression in E. coli of finger-domain lacking tissue-type plasminogen activator with high fibrin affinity. Kagitani H, et al. **FEBS Lett** 1985 Sep 9;189(1):145-9

Isolation of a human tissue-type plasminogen-activator genomic DNA clone and its expression in mouse L cells. Browne MJ, et al. **Gene** 1985;33(3):279-84

Isolation and characterization of the human tissue-type plasminogen activator structural gene including its 5' flanking region. Fisher R, et al. **J Biol Chem** 1985 Sep 15;260(20):11223-30

Coamplification and coexpression of human tissue-type plasminogen activator and murine dihydrofolate reductase sequences in Chinese hamster ovary cells. Kaufman RJ, et al. **Mol Cell Biol** 1985 Jul;5(7):1750-9

cDNA and gene nucleotide sequence of porcine plasminogen activator. Nagamine Y, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9525-41

The human urokinase-plasminogen activator gene and its promoter. Riccio A, et al. **Nucleic Acids Res** 1985 Apr 25;13(8):2759-71

IMMUNOLOGY

Immunological comparison between human and rat plasminogen activators in blood and the vessel wall. Kjaeldgaard A, et al. **J Clin Pathol** 1984 Oct;37(10):1153-6

Characterisation of epitopes on human tissue plasminogen activator recognised by a group of monoclonal antibodies. MacGregor IR, et al. **Thromb Haemost** 1985 Feb 18; 53(1):45-50

Characterization of two monoclonal antibodies against human tissue-type plasminogen activator. Schleef RR, et al. **Thromb Haemost** 1985 Apr 22;53(2):170-5

Monoclonal antibody to human tissue plasminogen activator. Matsuo O, et al. **Thromb Res** 1984 Dec 15;36(6):517-26

ISOLATION & PURIFICATION

Purification of plasminogen activator from Rous sarcoma virus-infected chick embryo fibroblast culture medium. Kacian DL, et al. **Arch Biochem Biophys** 1985 Jan; 236(1):354-69

Human tissue-type plasminogen activator. Production in continuous serum-free cell culture and rapid purification. Kruithof EK, et al. **Biochem J** 1985 Mar 15;226(3):631-6

Partial purification and characterization of the tissue plasminogen activator in nasal mucosa and nasal polyp. Hamaguchi Y, et al. **Biochem Med** 1985 Feb;33(1):117-23

Tissue plasminogen activator: peptide analyses confirm an indirectly derived amino acid sequence, identify the active site serine residue, establish glycosylation sites, and localize variant differences. Pohl G, et al. **Biochemistry** 1984 Jul 31;23(16):3701-7

Large-scale purification of human tissue-type plasminogen activator using monoclonal antibodies. Einarsson M, et al. **Biochim Biophys Acta** 1985 Jul 18;830(1):1-10

Human tissue-type plasminogen activator: from the laboratory to the bedside [editorial] Collen D. **Circulation** 1985 Jul;72(1):18-20

Purification and properties of plasminogen activators from epithelial cells. Electricwala A, et al. **Eur J Biochem** 1985 Mar 15;147(3):511-6

Comments on 'Purification and properties of plasminogen activators from epithelial cells', by A. Electricwala and T. Atkinson [letter] Patthy L. **Eur J Biochem** 1985 Aug 15;151(1):197-8

Purification of human tissue plasminogen activator with Erythrina trypsin inhibitor. Heussen C, et al. **J Biol Chem** 1984 Oct 10;259(19):11635-8

Plasminogen activator and protease inhibitor activities in isolated rat thymocytes. Mayer M, et al. **Mol Cell Biochem** 1985 Mar;66(2):137-44

A study on the fibrinolytic activity of cadaveric blood: isolation and characterization of plasminogen activator from cadaveric plasma after sudden death. Nakasono I. **Nippon Hoigaku Zasshi** 1984 Jun;38(3):280-8

Purification and characterization of placental plasminogen activator (PPA). Kobayashi T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May; 37(5):783-92

METABOLISM

Plasminogen activators in endometriosis. Astedt B, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:23-4

Fluidity of cadaveric blood after sudden death: Part II. Mechanism of release of plasminogen activator from blood vessels. Takeichi S, et al. **Am J Forensic Med Pathol** 1985 Mar;6(1):25-9

Current status of activity assays for tissue plasminogen activator. Tang JC, et al. **Ann NY Acad Sci** 1984;434:536-40

Proteinases and proteinase inhibition by cytotoxic and antimetastatic drugs in transplantable solid metastasizing tumors in mice. Giraldi T, et al. **Anticancer Res** 1985 Jul-Aug;5(4):355-9

The PDC-109 protein from bovine seminal plasma is similar to the gelatin-binding domain of bovine fibronectin and a kringle domain of human tissue-type plasminogen activator. Baker ME. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1010-4

Thyrotropin regulation of plasminogen activator activity in primary cultures of ovine thyroid cells. Mak WW, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):633-40

Kinetic studies on the interaction of streptokinase and other plasminogen activators with plasminogen and fibrin. Fears R, et al. **Biochem J** 1985 Jul 15;229(2):555-8

Effect of various agents on ovarian plasminogen activator activity during ovulation in pregnant mare's serum gonadotropin-primed immature rats. Espey L, et al. **Biol Reprod** 1985 Jun;32(5):1087-94

Catabolism of human tissue plasminogen activator in mice. Fuchs HE, et al. **Blood** 1985 Mar;65(3):539-44

The transport of 125I-labeled human high molecular weight urokinase across the intestinal tract in a dog model with stimulation of synthesis and/or release of plasminogen activators. Sasaki K, et al. **Blood** 1985 Jul;66(1):69-75

Identification of plasminogen activator releasing activity in the neurohypophysis. Colucci M, et al. **Br J Haematol** 1984 Oct;58(2):337-46

Receptors for plasminogen activator, urokinase, in normal and Rous sarcoma virus-transformed mouse fibroblasts. Del Rosso M, et al. **Cancer Res** 1985 Feb;45(2):630-6

Thrombolytic properties of an inactive proenzyme form of human urokinase secreted from human kidney cells. Kasai S, et al. **Cell Struct Funct** 1985 Jun;10(2):151-9

Impaired vessel wall response to venous occlusion in patients with chronic renal failure on maintenance hemodialysis. Winter M, et al. **Clin Nephrol** 1984 Dec;22(6):307-13

Regulatory effect of contraceptive steroids on the release of tissue-type plasminogen activator in vitro. Kjaeldgaard A, et al. **Contraception** 1984 Oct;30(4):355-62

Release of plasminogen activator and a calcium-dependent metalloprotease from cultured sympathetic and sensory neurons. Pittman RN. **Dev Biol** 1985 Jul;110(1):91-101

Characterization of the high-affinity interaction between human plasminogen and pro-urokinase. Lijnen HR, et al. **Eur J Biochem** 1985 Jul 1;150(1):141-4

Drug influences on rat hepatic macrophage enzyme production and release in vitro. Tanner AR, et al. **Eur J Clin Invest** 1985 Jun;15(3):146-50

Tissue plasminogen activator activity in prostatic cancer. Köller A, et al. **Eur Urol** 1984;10(6):389-94

Synthesis and release of plasminogen activator by lymphoid cell lines of malignant origin and its effect on lymphocyte cytotoxicity. Sundar SK, et al. **Exp Biol** 1985;43(4):277-85

Detection of granuloma-associated plasminogen activator in experimental murine schistosomiasis. Izaki S, et al. **Exp Mol Pathol** 1985 Aug;43(1):82-9

Proteolytic activation of tissue plasminogen activator by plasma and tissue enzymes. Ichinose A, et al. **FEBS Lett** 1984 Oct 1;175(2):412-8

Peritoneal fluid plasminogen activator activity in endometriosis and pelvic adhesive disease. Batzofin JH, et al. **Fertil Steril** 1985 Aug;44(2):277-9

Plasminogen activator: morphological evidence of binding, internalization and delivery to lysosomes in 3T3 mouse fibroblasts. Dini G, et al. **Histochem J** 1985 Mar; 17(3):333-41

Fibrinolytic activity of the retinae in streptozotocin-diabetic rats. Ishibashi T, et al. **Invest Ophthalmol Vis Sci** 1985 Jan; 26(1):125-7

Tissue plasminogen activator and urokinase mediate the binding of Glu-plasminogen to plasma fibrin I. Evidence for new binding sites in plasmin-degraded fibrin I. Harpel PC, et al. **J Biol Chem** 1985 Apr 10;260(7):4432-40

Estradiol preferentially enhances extracellular tissue plasminogen activators of MCF-7 breast cancer cells. Ryan TJ, et al. **J Biol Chem** 1984 Dec 10;259(23):14324-7

Activation of immobilized plasminogen by tissue activator. Multimolecular complex formation. Silverstein RL, et al. **J Biol Chem** 1985 Aug 25;260(18):10346-52

Immunocytochemical demonstration of tissue-type plasminogen activator in endocrine cells of the rat pituitary gland. Kristensen P, et al. **J Cell Biol** 1985 Jul;101(1):305-11

Thrombin stimulates tissue plasminogen activator release from cultured human endothelial cells. Levin EG, et al. **J Clin Invest** 1984 Dec;74(6):1988-95

Complex formation of platelet thrombospondin with plasminogen. Modulation of activation by tissue activator. Silverstein RL, et al. **J Clin Invest** 1984 Nov;74(5):1625-33

Immunohistochemical localisation of tissue plasminogen activator and urokinase in the vessel wall. Larsson A, et al. **J Clin Pathol** 1985 Feb;38(2):140-5

Increase in plasminogen activator in the involuting uterus of the postpartum rat. Shimada H, et al. **J Endocrinol** 1985 Feb;104(2):295-8

Effects of serum-free medium on the cell growth of melanoma and the secretion of plasminogen activator. Matsuo O, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul; 47(4):1049-53

Schwann cell proliferation and localized proteolysis: expression of plasminogen-activator activity predominates in the proliferating cell populations. Kalderon N. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7216-20

Regulation of myofibrillar protease, plasminogen activator and protein degradation in cultured myoblasts. Mayer M. **Prog Clin Biol Res** 1985;180:543-54

Acute radiation effects on the content and release of plasminogen activator activity in cultured aortic endothelial cells. Ts'ao C, et al. **Radiat Res** 1985 Feb; 101(2):394-401

Plasminogen activator activity in lung and alveolar macrophages of rats exposed to graded single doses of gamma rays to the right hemithorax. Ts'ao C, et al. **Radiat Res** 1985 Sep;103(3):393-402

Different inhibition of one and two chain tissue plasminogen activator by a placental inhibitor studied with two tripeptide-p-nitroanilide substrates. Astedt B, et al. **Scand J Clin Lab Invest** 1985 Sep;45(5):429-35

In vitro studies on the fibrinolytic, thrombolytic and fibrinogenolytic properties of a tissue plasminogen activator from guinea pig keratocytes. Electricwala A, et al. **Thromb Haemost** 1985 Apr 22;53(2):200-3

Plasminogen activator and plasminogen activator inhibitor associated with granulomatous inflammation: a study with murine leprosy. Izaki S, et al. **Thromb Haemost** 1984 Dec 29;52(3):243-9

Changes in plasminogen activator activity and plasmin inhibition in the pig during experimental hypovolaemia. Smokovitis A, et al. **Thromb Haemost** 1985 Feb 18; 53(1):130-3

An improved microtiter plate method to measure the potency of plasminogen activators. Chan WP, et al. **Thromb Res** 1984 Dec 1;36(5):467-74

Importance of the interaction between plasminogen and fibrin for plasminogen activation by tissue-type plasminogen activator. Dunn FW, et al. **Thromb Res** 1984 Nov 15; 36(4):345-51

Release of tissue-type plasminogen activator by platelet-activating factor. Klöcking HP, et al. **Thromb Res** 1985 May 15;38(4):413-6

Species specificity in the acceleration of tissue-type plasminogen activator-mediated activation of plasminogens, by fibrinogen cyanogen bromide fragments. Nieuwenhuizen W, et al. **Thromb Res** 1985 Jun 15; 38(6):663-70

Plasminogen activator activity of cultured endothelial cells derived from canine coronary vessel and human umbilical artery and vein. Ogawa K, et al. **Thromb Res** 1985 Feb 1;37(3):411-22

Modulation of tissue fibrinolysis from hypoxia and hyperoxia. Risberg B, et al. **Thromb Res** 1985 Apr 15;38(2):129-36

[Experimental studies of the liberation of plasminogen activator by DDAVP] Jablonowski C, et al. **Folia Haematol (Leipz)** 1984;111(4):567-74 (Eng. Abstr.) **(Ger)**

[Correlation between progesterone and plasminogen activator in rat ovaries during the ovulatory process] Ohno Y, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Feb; 37(2):247-56 (Eng. Abstr.) **(Jpn)**

[Role of proteases, plasminogen activators, fibrin fibrinogen degradation products and fibrinopeptides in the growth and development of neoplasms and neoplasm metastases] Farbiszewski R. **Postepy Hig Med Dosw** 1984 Mar-Apr; 38(2):133-55 (165 ref.) (Eng. Abstr.) **(Pol)**

[Vascular component of the fibrinolytic system of blood (plasminogen activator of vascular wall) in patients with duodenal ulcer with a history of hemorrhagic complications] Fisher AA, et al. **Ter Arkh** 1985; 57(5):137-41 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Sequence of formation of molecular forms of plasminogen and plasmin-inhibitor complexes in plasma activated by urokinase or tissue-type plasminogen activator. Thorsen S, et al. **Biochem J** 1984 Oct 1;223(1):179-87

Sustained thrombolysis with DNA-recombinant tissue type plasminogen activator in rabbits. Agnelli G, et al. **Blood** 1985 Aug;66(2):399-401

Plasminogen activator is a mitogen for astrocytes in developing cerebellum. Moonen G, et al. **Brain Res** 1985 May;352(1):41-8

Tissue-type plasminogen activator increases the binding of glu-plasminogen to clots. Tran-Thang C, et al. **J Clin Invest** 1984 Dec;74(6):2009-16

Biological properties of human tissue-type plasminogen activator obtained by expression of recombinant DNA in mammalian cells. Collen D, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):146-52

Comparison of the hypotensive effects of streptokinase-(human) plasmin activator complex and BRL 26921 (p-anisoylated streptokinase-plasminogen activator complex) in the dog after high dose, bolus administration. Green J, et al. **Thromb Res** 1984 Oct 1;36(1):29-36

Studies on the influence of reactants and buffer environment on clot lysis induced by human plasminogen activators. Westlund LE, et al. **Thromb Res** 1985 Jan 1;37(1):213-23

[Tissue plasminogen activator: a new thrombolytic specific t fibrin] Verstraete M, et al. **Nouv Rev Fr Hematol** 1985; 27(1):3-4 **(Fre)**

[Tissue plasminogen activator] Matsuo O. **Rinsho Ketsueki** 1984 Jul;25(7):1004-10 (Eng. Abstr.) **(Jpn)**

[Molecular mechanisms of fibrinolysis and perspectives of thrombolytic therapy] Veremeenko KN, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):13-22 (65 ref.) (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Plasminogen activators, tissue degradation, and cancer. Danø K, et al. **Adv Cancer Res** 1985;44:139-266 (1000 ref.)

Functional properties of carbohydrate-depleted tissue plasminogen activator. Little SP, et al. **Biochemistry** 1984 Dec 4;23(25):6191-5

Follicular plasminogen activator: involvement in ovulation. Reich R, et al. **Endocrinology** 1985 Feb;116(2):516-21

Fibrinolysis mediated by tissue plasminogen activator. Disclosure of a kinetic transition. Norrman B, et al. **Eur J Biochem** 1985 May 15;149(1):193-200

[Place and role of tissue plasminogen activator in the fibrinolysis process] Wilczyńska M, et al. **Postepy Hig Med Dosw** 1984 Jul-Aug;38(4):481-97 (91 ref.) (Eng. Abstr.) **(Pol)**

[Tissue plasminogen activator: mechanism of action and thrombolytic properties] Páramo JA, et al. **Sangre (Barc)** 1984;29(4-C):767-73 (65 ref.) **(Spa)**

SECRETION

Cellular regulation of plasminogen activator secretion during spermatogenesis. Vihko KK, et al. **Biol Reprod** 1984 Sep; 31(2):383-9

PAF-acether-induced release of tissue-type plasminogen activator from vessel walls. Emeis JJ, et al. **Blood** 1985 Jul;66(1):86-91

Cultured granulosa cells produce two plasminogen activators and an antiactivator, each regulated differently by gonadotropins. Ny T, et al. **Endocrinology** 1985 Apr; 116(4):1666-8

Establishment of a new human lymphoma line that secretes plasminogen activator. Kubonishi I, et al. **Gann** 1985 Jan; 76(1):12-5

Plasminogen activator as a prognostic factor in hematological malignancies. Wilson EL, et al. **Hamatol Bluttransfus** 1985; 29:197-9

Release of plasminogen activator from isolated perfused dog heart. Matsubara F, et al. **Thromb Haemost** 1985 Feb 18; 53(1):126-9

[Vascular activator of fibrinolysis in patients treated with antidepressive drugs] Olajossy M, et al. **Psychiatr Pol** 1984 Nov-Dec;18(6):543-8 (Eng. Abstr.) **(Pol)**

STANDARDS

A collaborative study of a proposed international standard for tissue plasminogen activator (t-PA). Gaffney PJ, et al. **Thromb Haemost** 1985 Feb 18;53(1):134–6

THERAPEUTIC USE

Thrombolytic treatment with recombinant tissue-type plasminogen activator in a patient with massive pulmonary embolism. Bounameaux H, et al. **Ann Intern Med** 1985 Jul; 103(1):64–5

A comparison of the thrombolytic and hemorrhagic effects of tissue-type plasminogen activator and streptokinase in rabbits. Agnelli G, et al. **Circulation** 1985 Jul;72(1):178–82

Coronary thrombolysis with recombinant human tissue-type plasminogen activator: a prospective, randomized, placebo-controlled trial. Collen D, et al. **Circulation** 1984 Dec;70(6):1012–7

Coronary thrombolysis with recombinant human tissue-type plasminogen activator. Gold HK, et al. **Circulation** 1984 Oct;70(4):700–7

Regional wall motion improvement after coronary thrombolysis with recombinant tissue plasminogen activator: importance of coronary angioplasty. Topol EJ, et al. **J Am Coll Cardiol** 1985 Aug;6(2):426–33

Thrombolysis with recombinant tissue plasminogen activator in atherosclerotic thrombotic occlusion. Topol EJ, et al. **J Am Coll Cardiol** 1985 Jan;5(1):85–91

Recombinant plasminogen agent continues to show promise in trials [news] Goldsmith MF. **JAMA** 1985 Mar 22–29; 253(12):1693–4

Pro-UK: another entry in the thrombolytic arena [news] Goldsmith MF. **JAMA** 1985 Mar 22–29;253(12):1694–5

Randomised trial of intravenous recombinant tissue-type plasminogen activator versus intravenous streptokinase in acute myocardial infarction. Report from the European Cooperative Study Group for Recombinant Tissue-type Plasminogen Activator. Verstraete M, et al. **Lancet** 1985 Apr 13;1(8433):842–7

[Thrombolysis with tissue-type plasminogen activator in acute myocardial infarct] Collen D. **Verh K Acad Geneeskd Belg** 1984;46(5):351–8 **(Dut)**

[Therapeutic advances against thromboembolic disease: II. The use of tissue fibrinolysis activator as a thrombolytic agent] Rueda F, et al. **Sangre (Barc)** 1984;29(4-A):429–48 (58 ref.) (Eng. Abstr.) **(Spa)**

URINE

Measurement of the rat urinary plasminogen activator (esterase A) by direct radioimmunoassay in urine and tissue. Chao J, et al. **Hoppe Seylers Z Physiol Chem** 1984 Sep; 365(9):1137–44

PLASMINOKINASE see **STREPTODORNASE AND STREPTOKINASE**

PLASMODIUM

Laveran's germ: the reception and use of a medical discovery. Smith DC, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):2–20

Circumsporozoite proteins of malaria parasites. Nussenzweig V, et al. **Cell** 1985 Sep;42(2):401–3 (32 ref.)

Cryopreservation of Plasmodium chabaudi. II. Cooling and warming rates. Mutetwa SM, et al. **Cryobiology** 1984 Oct; 21(5):552–8

Laboratory assessment of a species-specific radioimmunoassay for the detection of malaria sporozoites in mosquitoes (Diptera: Culicidae). Collins FH, et al. **J Med Entomol** 1985 Mar 22;22(2):121–9

Infection and transmission studies with the N-3 strain of Plasmodium fieldi in the Macaca mulatta monkey. Collins WE, et al. **J Parasitol** 1984 Jun;70(3):422–7

[Sensitivity of Aedes aegypti infected with the malaria agent to DDT] Rasnitsyn SP, et al. **Med Parazitol (Mosk)** 1985 Jan–Feb;(1):15–7 (Eng. Abstr.) **(Rus)**

ANALYSIS

N-terminal amino acid sequence of the histidine-rich protein from Plasmodium lophurae. Howard RJ, et al. **Mol Biochem Parasitol** 1984 Jun;12(2):237–46

CLASSIFICATION

Re-examination of earlier work on repetitive DNA and mosquito infectivity in rodent malaria. Casaglia O, et al. **Mol Biochem Parasitol** 1985 Jun;16(1):35–42

CYTOLOGY

The flagellum as gamete: MacCallum and the hidden link in malaria. Chernin E. **Trans R Soc Trop Med Hyg** 1984; 78(6):801–5

[Fast-test of stained blood films mounted in different media and exposed to artificial sunlight] Tang XH. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):278 **(Chi)**

DRUG EFFECTS

Qinghaosu-induced changes in the morphology of Plasmodium inui. Jiang JB, et al. **Am J Trop Med Hyg** 1985 May;34(3):424–8

The chemotherapy of rodent malaria XXXVI. Part IV. The activity of a new 8-aminoquinoline, WR 225,448 against exo-erythrocytic schizonts of Plasmodium yoelii yoelii. Peters W, et al. **Ann Trop Med Parasitol** 1984 Oct; 78(5):467–78

Interactions between oral contraceptives and malaria infections in rhesus monkeys. Dutta GP, et al. **Bull WHO** 1984;62(6):931–9

Gametogenesis in Plasmodium; the inhibitory effects of anticytoskeletal agents. Sinden RE, et al. **Int J Parasitol** 1985 Apr;15(2):211–7

In vitro inhibition of the human malaria parasite by selected lipophilic chelators. Scheibel LW. **Prog Clin Biol Res** 1984; 165:377–94

[Residual blood schizontocidal activity of pyronaridine against rodent malaria] Shao BR, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):232–3, 242 (Eng. Abstr.) **(Chi)**

[A screening method for tissue schizontocides with Plasmodium yoelii] Shao BR, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Sep;5(3):201–6 (Eng. Abstr.) **(Chi)**

[Response of human Plasmodium to antimalarials on the Island of Saint Louis, State of Maranhão, Brazil] da Silva AR, et al. **Rev Inst Med Trop Sao Paulo** 1984 May–Jun; 26(3):139–46 (Eng. Abstr.) **(Por)**

ENZYMOLOGY

Cholinephosphotransferase and ethanolaminephosphotransferase activities in Plasmodium knowlesi-infected erythrocytes. Their use as parasite-specific markers. Vial HJ, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):372–83

Purine nucleoside phosphorylase of the malarial parasite, Plasmodium lophurae. Schimandle CM, et al. **J Biol Chem** 1985 Apr 10;260(7):4455–60

P. knowlesi: enzyme typing in agarose electrophoresis. Pasha ST, et al. **J Commun Dis** 1984 Jun;16(2):126–30

Adenosine deaminase in malaria infected erythrocytes: unique parasite enzyme presents a new therapeutic target. Wiesmann WP, et al. **Prog Clin Biol Res** 1984;165:325–42

GENETICS

Specificity of Tn5 insertions into a 36-bp DNA sequence repeated in tandem seven times. Lupski JR, et al. **Gene** 1984 Oct;30(1–3):99–106

Gametocytogenesis and ribosomal rRNA gene organisation in the rodent malarias Plasmodium chabaudi and Plasmodium berghei. Cornelissen AW, et al. **Mol Biochem Parasitol** 1985 Feb;14(2):165–74

The primary structure of the rRNA insertions of Plasmodium lophurae. Unnasch TR, et al. **Mol Biochem Parasitol** 1985 Aug;16(2):149–61

Nuclear and mitochondrial DNA of the primate malarial parasite Plasmodium knowlesi. Williamson DH, et al. **Mol Biochem Parasitol** 1985 Feb;14(2):199–209

Primary structure and genomic organization of the histidine-rich protein of the malaria parasite Plasmodium lophurae. Ravetch JV, et al. **Nature** 1984 Dec 13–19; 312(5995):616–20

Organization of Plasmodium falciparum genome: 1. Evidence for a highly repeated DNA sequence. Guntaka RV, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):1965–75

Structure and organization of genes for sporozoite surface antigens. Godson GN, et al. **Philos Trans R Soc Lond [Biol]** 1984 Nov 13; 307(1131):129–39

Circumsporozoite gene of plasmodium cynomolgi (Gombak):cDNA cloning and expression of the repetitive circumsporozoite epitope. Enea V, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7520–4

Molecular approaches to malaria vaccines. Godson GN. **Sci Am** 1985 May;252(5):52–9

Diversity of circumsporozoite antigen genes from two strains of the malarial parasite Plasmodium knowlesi. Sharma S, et al. **Science** 1985 Aug 23;229(4715):779–82

GROWTH & DEVELOPMENT

Plasmodium gallinaceum: critical role for microtubules in the transformation of zygotes into Ookinetes. Kumar N, et al. **Exp Parasitol** 1985 Apr;59(2):239–47

The biology of Plasmodium in the mosquito. Sinden RE. **Experientia** 1984 Dec 15;40(12):1330–43 (168 ref.)

The biology of tissue forms and other asexual stages in mammalian plasmodia. Verhave JP, et al. **Experientia** 1984 Dec 15;40(12):1317–29 (80 ref.)

In vitro culture of Plasmodium yoelii blood stages. Lewis-Hughes PH, et al. **Int J Parasitol** 1984 Oct; 14(5):447–51

Low temperature preservation of Plasmodium spp. Mutetwa SM, et al. **Parasitology** 1985 Jun;90 (Pt 3):589–603 (73 ref.)

Altered red cell membrane fluidity during schizogonic development of malarial parasites (Plasmodium falciparum and P. lophurae). Sherman IW, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):641–4

Gametocyte development of Plasmodium chabaudi in mice and rats: evidence for host induction of gametocytogenesis. Cornelissen AW, et al. **Z Parasitenkd** 1985;71(3):297–303

[Continuous cultivation of erythrocytic Plasmodium cynomolgi in vitro] Zhou ZX, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):179–81 (Eng. Abstr.) **(Chi)**

[Fecundity of Aedes aegypti mosquitoes in relation to their infection with the malaria agent Plasmodium gallinaceum] Zharova AN, et al. **Parazitologiia** 1984 Nov–Dec; 18(6):469–72 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Variability in parasite protein antigen structure and protective immunity to malaria. Brown KN, et al. **Ann Inst Pasteur Immunol** 1985 Jan–Feb;136C(1):11–23

Selecting candidate antigens for malaria vaccines. Kidson C, et al. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):325–8 (29 ref.)

Recent advances in the development of a sporozoite vaccine for malaria. Nussenzweig V, et al. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):289–92 (23 ref.)

Production of anti-sporozoite antibodies in absence of response to carrier by coupling an MDP derivative to a malaria peptide-tetanus toxoid conjugate. Clough ER, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):70–6

Structure of an immunodominant epitope of the circumsporozoite surface protein of Plasmodium knowlesi. Schlesinger DH, et al. **Biochemistry** 1984 Nov 6; 23(23):5665–70

Recent progress in the development of malaria vaccines: memorandum from a WHO meeting. **Bull WHO** 1984; 62(5):715–27

Distribution of immunoglobulin isotypes in the nonspecific B-cell response induced by infection with Plasmodium chabaudi adami and Plasmodium yoelii. Langhorne J, et al. **Cell Immunol** 1985 Jan;90(1):251–7

Plasmodium fragile: inhibition of cultures by serum from rhesus monkeys immunized with homologous parasites. Guo SC, et al. **Exp Parasitol** 1984 Oct;58(2):156–62

Immunoprophylaxis of malaria: characterization of a protective surface antigen. Nussenzweig RS, et al. **Harvey Lect** 1982–83;78:59–85

Evaluation of Plasmodium cynomolgi B antigen in enzyme linked immunosorbent assay (ELISA) test for human malaria. Dutta GP, et al. **Indian J Malariol** 1984 Dec; 21(2):71–8

Biologically active antibodies elicited by a synthetic circumsporozoite peptide of Plasmodium knowlesi administered in saline with a muramyl dipeptide derivative. Clough ER, et al. **Infect Immun** 1985 Jun;48(3):839–42

An antigen of Plasmodium yoelii that translocates into the mouse erythrocyte membrane upon entry into the host cell. Murakami K, et al. **J Cell Sci** 1985 Feb;73:311–20

Conserved group-specific epitopes of the circumsporozoite proteins revealed by antibodies to synthetic peptides. Vergara U, et al. **J Immunol** 1985 May;134(5):3445–8

Early lymphocyte trapping in malaria infections: a particulate antigen mediated phenomenon. Lewis-Hughes PH, et al. **J Parasitol** 1984 Jun;70(3):391–7

Characterization of antigens on mosquito midgut stages of Plasmodium gallinaceum. III. Changes in zygote surface proteins during transformation to mature ookinete. Carter R, et al. **Mol Biochem Parasitol** 1984 Oct;13(2):235–41

Antigenic diversity of the circumsporozoite proteins in the Plasmodium cynomolgi complex. Cochrane AH, et al. **Mol Biochem Parasitol** 1985 Jan;14(1):111–24

The Fab fragments of monoclonal IgG to a merozoite surface antigen inhibit Plasmodium knowlesi invasion of erythrocytes. Thomas AW, et al. **Mol Biochem Parasitol** 1984 Oct;13(2):187–99

Multiple non-repeated epitopes on the circumsporozoite protein of Plasmodium knowlesi. Vergara U, et al. **Mol Biochem Parasitol** 1985 Mar;14(3):283–92

Components of a cocktail [news] Cox FE. **Nature** 1985 Jul 18–24;316(6025):212–3

Vaccination with purified microgamete antigens prevents transmission of rodent malaria. Harte PG, et al. **Nature** 1985 Jul 18–24;316(6025):258–9

Target antigens in malaria transmission blocking immunity. Carter R, et al. **Philos Trans R Soc Lond [Biol]** 1984 Nov 13;307(1131):201–13

Protective antigens of bloodstage Plasmodium knowlesi parasites. Deans JA. **Philos Trans R Soc Lond [Biol]** 1984 Nov 13;307(1131):159–69 (26 ref.)

Protective antigens of rodent and human bloodstage malaria. Holder AA, et al. **Philos Trans R Soc Lond [Biol]** 1984 Nov 13;307(1131):171–7 (35 ref.)

Antigenic variation of bloodstage malaria parasites. Howard RJ. **Philos Trans R Soc Lond [Biol]** 1984 Nov 13; 307(1131):141–58 (63 ref.)

Development of sporozoite vaccines. Nussenzweig RS, et al. **Philos Trans R Soc Lond [Biol]** 1984 Nov 13; 307(1131):117–28 (39 ref.)

Expression of the major surface antigen of Plasmodium knowlesi sporozoites in yeast. Sharma S, et al. **Science** 1985 May 17;228(4701):879–82

Immunoelectrophoretic analysis of erythrocytic stages of Plasmodium yoelii and P. chabaudi. Carlsson J, et al. **Z Parasitenkd** 1984;70(5):599–608

[Characterization of Plasmodium yoelii antigens by monoclonal antibodies. II. In vivo assay of the protective effect of monoclonal antibodies] Li WL, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Jun; 6(3):198–201 (Eng. Abstr.) **(Chi)**

[Recent findings on the molecular biology of Plasmodium antigens] Jaureguiberry G, et al. **Bull Soc Pathol Exot Filiales** 1985;78(2):179–90 (Eng.

Abstr.) **(Fre)**

ISOLATION & PURIFICATION

Simple centrifugation method for rapid separation of sporozoites from mosquitoes. Ozaki LS, et al. **J Parasitol** 1984 Oct;70(5):831-3

Plasmodium pedioecetii in greater prairie-chickens, Tympanuchus cupido (Linné), from Colorado. Stabler RM, et al. **J Parasitol** 1984 Dec;70(6):1010-1

In vitro isolation of Plasmodium chabaudi merozoites by continuous flow ultrasound, cell sieving, concanavalin A-affinity chromatography and poly-L-lysine coated bead support columns. Sterling CR. **J Parasitol** 1984 Dec; 70(6):945-54

A new malaria parasite Plasmodium (Sauramoeba) heischi in skinks (Mabuya striata) from Nairobi, with a brief discussion of the distribution of malaria parasites in the family Scincidae. Garnham PC, et al. **J Protozool** 1984 Nov;31(4):518-21

Rapid evaluation of malaria parasite density and standardization of thick smear examination for epidemiological investigations. Trape JF. **Trans R Soc Trop Med Hyg** 1985;79(2):181-4

Fractionation of Plasmodium chabaudi-infected erythrocytes into parasites and ghosts. Wunderlich F, et al. **Z Parasitenkd** 1985;71(4):545-51

[Persistence of the causative agent of malaria in mosquitoes receiving sublethal doses of insecticide] Zharova AN, et al. **Med Parazitol (Mosk)** 1984 Sep-Oct;(5):82-4 (Eng. Abstr.) **(Rus)**

METABOLISM

Carbohydrate metabolism of malarial parasites--I. Metabolism of lactate in Plasmodium knowlesi infected monkey erythrocytes. Ali SN, et al. **Comp Biochem Physiol [B]** 1985;80(4):725-9

The biosynthesis of the histidine-rich protein of Plasmodium lophurae and the cloning of its gene in Escherichia coli. Kilejian A, et al. **Mol Biochem Parasitol** 1985 Jan;14(1):1-10

Biosynthesis of two stage-specific membrane proteins during transformation of Plasmodium gallinaceum zygotes into ookinetes. Kumar N, et al. **Mol Biochem Parasitol** 1985 Feb;14(2):127-39

A reevaluation of the status of cholesterol in erythrocytes infected by Plasmodium knowlesi and P. falciparum. Vial HJ, et al. **Mol Biochem Parasitol** 1984 Sep;13(1):53-65

Histidine-rich protein of Plasmodium lophurae [letter] Kilejian A. **Nature** 1985 Mar 14-20;314(6007):136

PATHOGENICITY

Inability of Plasmodium knowlesi sporozoites to invade Anopheles freeborni salivary glands. Rosenberg R. **Am J Trop Med Hyg** 1985 Jul;34(4):687-91

Susceptibility of a male mosquito to malaria. Rosenberg R. **J Parasitol** 1984 Oct;70(5):827

[Possible significance of the factor of optimal infecting doses in the causative agent-vector system in malaria] Alekseev AN. **Med Parazitol (Mosk)** 1985 May-Jun;(3):10-7 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Recent advances in malaria parasite cultivation and their application to studies on host-parasite relationships: a review. Trigg PI. **Bull WHO** 1985;63(2):387-98 (94 ref.)

Plasmodium gallinaceum: sporozoite activity in immune mosquito hemolymph. Weathersby AB. **Exp Parasitol** 1985 Apr;59(2):192-6

New observations on gametogenesis, fertilization, and zygote transformation in Plasmodium gallinaceum. Aikawa M, et al. **J Protozool** 1984 Aug;31(3):403-13

Plasmodium brasilianum in the common marmoset Callithrix jacchus. Wedderburn N, et al. **Parasitology** 1985 Jun;90 (Pt 3):573-8

[Studies on the biological characteristics and the strain-type of Plasmodium cynomolgi maintained in China] Wang XX, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):234-7 (Eng. Abstr.) **(Chi)**

ULTRASTRUCTURE

Scanning electron microscopic observations of the oocyst, sporoblast and sporozoite of Plasmodium yoelii yoelii. Chen PH, et al. **J Parasitol** 1984 Dec;70(6):902-6

Ingestion of erythrocytic stroma by Plasmodium chabaudi trophozoites: ultrastructural study by serial sectioning and 3-dimensional reconstruction. Slomianny C, et al. **Parasitology** 1985 Jun;90 (Pt 3):579-88

PLASMODIUM BERGHEI

ANALYSIS

Evidence for major differences in ribosomal subunit proteins from Plasmodium berghei and rat liver. Miller FW, et al. **Mol Biochem Parasitol** 1984 Jul;12(3):249-60

CLASSIFICATION

Re-examination of earlier work on repetitive DNA and mosquito infectivity in rodent malaria. Casaglia O, et al. **Mol Biochem Parasitol** 1985 Jun;16(1):35-42

CYTOLOGY

Histochemical observations on the exoerythrocytic malaria parasite Plasmodium berghei in rat liver. Meis JF, et al. **Histochemistry** 1984;81(5):417-25

[Preliminary observation on the pre-erythrocytic schizont of Plasmodium berghei ANKA strain] Guo FC, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):243-4 (Eng. Abstr.) **(Chi)**

DRUG EFFECTS

Screening of Morinda lucida leaf extract for antimalarial action on Plasmodium berghei berghei in mice. Makinde JM, et al. **Afr J Med Med Sci** 1985 Mar-Jun;14(1-2):59-63

Lack of schizontocidal activity of three herbal decoctions on Plasmodium berghei berghei in mice. Makinde JM, et al. **Afr J Med Med Sci** 1985 Mar-Jun;14(1-2):55-8

Effect of Azadirachta indica on Plasmodium berghei berghei in mice. Obih PO, et al. **Afr J Med Med Sci** 1985 Mar-Jun; 14(1-2):51-4

Investigations of various extracts of Morinda lucida for antimalarial actions on Plasmodium berghei berghei in mice. Obih PO, et al. **Afr J Med Med Sci** 1985 Mar-Jun; 14(1-2):45-9

The chemotherapy of rodent malaria, XXXVIII. Studies on the activity of three new antimalarials (WR 194,965, WR 228,258 and WR 225,448) against rodent and human malaria parasites (Plasmodium berghei and P. falciparum). Peters W, et al. **Ann Trop Med Parasitol** 1984 Dec;78(6):567-79

Plasmodium berghei: inhibitors of ornithine decarboxylase block exoerythrocytic schizogony. Hollingdale MR, et al. **Exp Parasitol** 1985 Aug;60(1):111-7

[Preferential action of chloroquine on Plasmodium within mature erythrocytes] Dei-Cas E, et al. **Pathol Biol (Paris)** 1984 Dec;32(10):1019-23 (Eng. Abstr.) **(Fre)**

ENZYMOLOGY

Detection and characterization of a selective endopeptidase from Plasmodium berghei by using fluorogenic peptidyl substrates. Schrével J, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):703-10

Comparative studies on thymidylate synthetase from P. berghei and mouse reticulocytes. Pattanakitsakul SN, et al. **Comp Biochem Physiol [B]** 1985;80(3):583-7

Characterization of thymidylate synthetase and dihydrofolate reductase from Plasmodium berghei. Pattanakitsakul SN, et al. **Int J Parasitol** 1984 Oct;14(5):513-20

GROWTH & DEVELOPMENT

Ultrastructure of in vitro cultured exoerythrocytic stage of Plasmodium berghei in a hepatoma cell line. Aikawa M, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):792-9

Transformation of sporozoites of Plasmodium berghei into exoerythrocytic forms in the liver of its mammalian host. Meis JF, et al. **Cell Tissue Res** 1985;241(2):353-60

Survival of Plasmodium berghei in dead hosts. Young MD. **J Parasitol** 1985 Feb;71(1):135-6

In vitro formation of ookinetes and functional maturity of Plasmodium berghei gametocytes. Janse CJ, et al. **Parasitology** 1985 Aug;91 (Pt 1):19-29

Pregnancy-induced recrudescences strengthen malarial immunity in mice infected with Plasmodium berghei. van Zon AA, et al. **Parasitology** 1985 Aug;91 (Pt 1):9-17

IMMUNOLOGY

Plasmodium berghei: ectopic antibody synthesis in splenectomized rodents. Weiss ML. **Exp Parasitol** 1985 Feb;59(1):108-17

Use of a monoclonal, anti Plasmodium berghei antibody, cross reacting with P. falciparum, for the detection of P. falciparum in in vitro infected blood. Pass A, et al. **Immunol Lett** 1985;10(1):31-4

Detection of Plasmodium falciparum using a radioimmunoassay based on a crossreacting, monoclonal anti-P. berghei antibody-P. berghei antigen system. Avidor B, et al. **J Immunol Methods** 1985 Sep 3;82(1):121-9

Plasmodium berghei: characterization of antigens and their role in inducing immunity to infection. Grothaus GD, et al. **J Parasitol** 1984 Dec;70(6):849-58

Early lymphocyte trapping in malaria infections: a particulate antigen mediated phenomenon. Lewis-Hughes PH, et al. **J Parasitol** 1984 Jun;70(3):391-7

Interactions of Plasmodium berghei-infected erythrocytes with complement. Schetters TP, et al. **J Protozool** 1985 May;32(2):321-5

[Plasmodium berghei: antibody response and protective immunity induced by vaccination] Casaglia O, et al. **Parassitologia** 1982 Dec;24(2-3):121-7 (Eng. Abstr.) **(Ita)**

METABOLISM

Impairment of hepatic cytochrome P-450-dependent monooxygenases by the malaria parasite Plasmodium berghei. Alvares AP, et al. **Mol Biochem Parasitol** 1984 Nov;13(3):277-82

[Comparative ultrastructural study of the process of hemoglobin degradation by P. berghei (Vincke and Lips, 1948) as a function of the state of maturity of the host cell] Slomianny C, et al. **J Protozool** 1985 Feb;32(1):1-5 (Eng. Abstr.) **(Fre)**

PATHOGENICITY

In vitro infectivity of cryopreserved Plasmodium berghei sporozoites to cultured cells. Hollingdale MR, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):206-8

PHYSIOLOGY

In vitro cultivation of the exoerythrocytic stage of Plasmodium berghei in irradiated hepatoma cells. Hollingdale MR, et al. **Am J Trop Med Hyg** 1985 Jan; 34(1):21-3

Immunoradiometric assay to measure the in vitro penetration of sporozoites of malaria parasites into hepatoma cells. Zavala F, et al. **J Immunol** 1985 Feb;134(2):1202-5

Inhibition of Plasmodium berghei sporozoite invasion of cultured hepatoma cells. Leland P, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):639-40

Enhanced parasitization of platelets by Plasmodium berghei yoelii. Perkash A, et al. **Trans R Soc Trop Med Hyg** 1984; 78(4):451-5

[Long-term preservation of malarial parasites at the temperature of liquid nitrogen: infectivity and the capacity for gamont formation] Oganesian AS. **Med Parazitol (Mosk)** 1984 Jul-Aug;(4):28-31 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Fine structure of Plasmodium berghei exoerythrocytic forms in cultured primary rat hepatocytes. Meis JF, et al. **Cell Biol Int Rep** 1984 Sep;8(9):755-65

Rhoptry secretion of membranous whorls by Plasmodium berghei sporozoites. Stewart MJ, et al. **J Protozool** 1985 May;32(2):280-3

Electron microscopic studies on the interaction of rat Kupffer cells and Plasmodium berghei sporozoites. Meis JF, et al. **Z Parasitenkd** 1985;71(4):473-83

PLASMODIUM FALCIPARUM

Identification of Plasmodium falciparum-infected mosquitoes by a double antibody enzyme-linked immunosorbent assay. Burkot TR, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):783-8

Cryopreservation of the blood stages of Plasmodium falciparum and Plasmodium vivax for in vivo studies. Rossan RN. **Am J Trop Med Hyg** 1985 Mar;34(2):207-8

An improved method of assaying for human erythrocyte invasion by Plasmodium falciparum. Shyamala V. **Ann Trop Med Parasitol** 1985 Jun;79(3):333-5

Chloroquine resistant falciparum malaria acquired in South Africa [letter] Isaäcson M, et al. **Br Med J [Clin Res]** 1985 May 4;290(6478):1353

Chloroquine-resistant malaria from Bombay [letter] McKendrick MW, et al. **J Infect** 1985 Jul;11(1):79-80

[Rapid staining methods for the detection of malaria parasites] Lu HM, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1985;3(1):45-7 (Eng. Abstr.) **(Chi)**

ANALYSIS

Detection of Plasmodium falciparum using a radioimmunoassay based on a crossreacting, monoclonal anti-P. berghei antibody-P. berghei antigen system. Avidor B, et al. **J Immunol Methods** 1985 Sep 3;82(1):121-9

Variations in the organization of repetitive DNA sequences in the genomes of Plasmodium falciparum clones. Bhasin VK, et al. **Mol Biochem Parasitol** 1985 May;15(2):149-58

Isolation of a Plasmodium falciparum rhoptry protein. Holder AA, et al. **Mol Biochem Parasitol** 1985 Mar;14(3):293-303

Spontaneously released Plasmodium falciparum merozoites from culture possess glycoproteins. Heidrich HG, et al. **Z Parasitenkd** 1984;70(6):747-51

The relationship to knobs of the 92,000 D protein specific for knobby strains of Plasmodium falciparum. Vernot-Hernandez JP, et al. **Z Parasitenkd** 1985; 71(1):41-51

CLASSIFICATION

Serotypes of Plasmodium falciparum defined by immune serum inhibition of in vitro growth. Chulay JD, et al. **Bull WHO** 1985;63(2):317-23

Plasmodium falciparum: differentiation of isolates with DNA hybridization using antigen gene probes. Coppel RL, et al. **Exp Parasitol** 1985 Aug;60(1):82-9

DRUG EFFECTS

Chloroquine-resistant Plasmodium falciparum malaria in the Netherlands. Wetsteyn JC. **Acta Leiden** 1984;52:1-10

The susceptibility of Plasmodium falciparum in vitro to chlorpromazine and the stereo-isomeric compounds cis(Z)- and trans(E)-clopenthixol. Kristiansen JE, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Jun; 93(3):249-51

Comparison of inducers of crisis forms in Plasmodium falciparum in vitro. Carlin JM, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):668-74

Sensitivity of Plasmodium falciparum to antimalarial drugs in Colombia. Espinal CA, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):675-80

Lack of inhibitory effects of alpha 1-acid glycoprotein (orosomucoid) on Plasmodium falciparum invasion of human erythrocytes. Gupta SK, et al.

Am J Trop Med Hyg 1985 Sep;34(5):441-6

Induction and isolation of artemisinine-resistant mutants of Plasmodium falciparum. Inselburg J. **Am J Trop Med Hyg** 1985 May;34(3):417-8

Toxic heme in sickle cells: an explanation for death of malaria parasites. Orjih AU, et al. **Am J Trop Med Hyg** 1985 Mar; 34(2):223-7

In vitro antimalarial activity of tetrahydrofolate dehydrogenase inhibitors. Sixsmith DG, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):772-6

Evaluation of sporontocidal compounds using Plasmodium falciparum gametocytes produced in vitro. Teklehaimanot A, et al. **Am J Trop Med Hyg** 1985 May;34(3):429-34

Antimalarial drug susceptibility testing of Plasmodium falciparum in Thailand using a microdilution radioisotope method. Webster HK, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):228-35

In vitro assessment of the antimalarial activity of chloroquine and its major metabolites. Aderounmu AF. **Ann Trop Med Parasitol** 1984 Dec;78(6):581-5

The chemotherapy of rodent malaria, XXXVIII. Studies on the activity of three new antimalarials (WR 194,965, WR 228,258 and WR 225,448) against rodent and human malaria parasites (Plasmodium berghei and P. falciparum). Peters W, et al. **Ann Trop Med Parasitol** 1984 Dec;78(6):567-79

The activity of proguanil and its metabolites, cycloguanil and p-chlorophenylbiguanide, against Plasmodium falciparum in vitro. Watkins WM, et al. **Ann Trop Med Parasitol** 1984 Jun;78(3):273-8

Oxygen- and time-dependent effects of antibiotics and selected mitochondrial inhibitors on Plasmodium falciparum in culture. Divo AA, et al. **Antimicrob Agents Chemother** 1985 Jan;27(1):21-7

Mechanism of pyrimethamine resistance in recent isolates of Plasmodium falciparum. McCutchan TF, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):656-9

In vitro activities of and mechanisms of resistance to antifol antimalarial drugs. Milhous WK, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):525-30

Plasmodium falciparum sensitivity to chloroquine in the Buyo Region, Ivory Coast. Douchet CJ, et al. **Bull WHO** 1984; 62(5):777-81

Serial studies on the evolution of chloroquine resistance in an area of East Africa receiving intermittent malaria chemosuppression. Draper CC, et al. **Bull WHO** 1985; 63(1):109-18

Plasmodium falciparum in Haiti: susceptibility to pyrimethamine and sulfadoxine-pyrimethamine. Nguyen-Dinh P, et al. **Bull WHO** 1984;62(4):623-6

The problem of Plasmodium falciparum drug resistance in Africa south of the Sahara. Onori E. **Bull WHO** 1984;62 Suppl:55-62

A new in vitro test for pyrimethamine/sulfadoxine susceptibility of Plasmodium falciparum and its correlation with in vivo resistance in Kenya. Spencer HC, et al. **Bull WHO** 1984;62(4):615-21

Chloroquine-resistant falciparum malaria imported into the Netherlands. Wetsteyn JC, et al. **Bull WHO** 1985; 63(1):101-8

Chloroquine-resistant Plasmodium falciparum malaria in Zimbabwe [letter] Dallas AB, et al. **Cent Afr J Med** 1984 Oct;30(10):204-5

Chloroquine resistant Plasmodium falciparum in Sri Lanka. Ratnapala R, et al. **Ceylon Med J** 1984 Sep;29(3):135-45

Response of Plasmodium falciparum to chloroquine in hospital patients at Muheza, Tanzania. Mutabingwa TK, et al. **East Afr Med J** 1985 Mar;62(3):161-71, 188

Resistance of Plasmodium falciparum. Doberstyn EB. **Experientia** 1984 Dec 15;40(12):1311-7 (43 ref.)

Chloroquine resistant P. falciparum malaria in Assam and Meghalaya. Barkakaty BN, et al. **Indian J Malariol** 1984 Jun;21(1):55-6

Chloroquine resistance of Plasmodium falciparum in Sonapur PHC Area (Assam) detected by micro in vitro and in vivo tests. Raichowdhuri AN, et al. **Indian J Malariol** 1984 Jun; 21(1):25-30

Instability of resistance of Plasmodium falciparum to chloroquine and pyrimethamine in vitro. Sinha S, et al. **Indian J Malariol** 1985 Jun;22(1):49-51

A field test to assay pyrimethamine sensitivity of Plasmodium falciparum in vitro. Gajanana A, et al. **Indian J Med Res** 1984 Jul;80:112-6

Antibiotic sensitivity of Plasmodium falciparum in vitro. Raichowdhuri AN, et al. **Indian J Med Res** 1984 Jul; 80:103-6

Loss of resistance of Plasmodium falciparum to chloroquine after culture adaptation. Sinha S, et al. **Indian J Med Res** 1984 Jul;80:107-11

A comparative micro in-vitro test of P. falciparum to mefloquine and chloroquine in Gadchiroli District, Maharashtra State. Dutt SC, et al. **J Commun Dis** 1984 Jun;16(2):122-5

A modified field incubator for conducting micro in vitro tests to measure drug susceptibility of Plasmodium falciparum. Gajanana A, et al. **J Commun Dis** 1984 Dec;16(4):332-4

Clindamycin activity against chloroquine-resistant Plasmodium falciparum. Seaberg LS, et al. **J Infect Dis** 1984 Dec;150(6):904-11

Stage-dependent toxicity of N-acetyl-glucosamine to Plasmodium falciparum. Gupta SK, et al. **J Protozool** 1985 Feb;32(1):91-5

Chloroquine-resistant malaria in Africa [editorial] **Lancet** 1985 Jun 29;1(8444):1487-8

Activity of fusidic acid against Plasmodium falciparum in vitro [letter] Black FT, et al. **Lancet** 1985 Mar 9; 1(8428):578-9

Chloroquine-resistant Plasmodium falciparum: now in Pakistani Punjab. Fox E, et al. **Lancet** 1985 Jun 22; 1(8443):1432-5

Is plasmodium falciparum resistance to chloroquine reversible in absence of drug pressure? [letter] Jacquier P, et al. **Lancet** 1985 Aug 3;2(8449):270-1

Chloroquine and Fansidar resistant malaria acquired in Angola [letter] Lindberg J, et al. **Lancet** 1985 Mar 30; 1(8431):765

Chloroquine-resistant malaria in Pakistan [letter] Robinson DS, et al. **Lancet** 1984 Oct 27;2(8409):987

Antagonism of sulfadoxine and pyrimethamine antimalarial activity in vitro by p-aminobenzoic acid, p-aminobenzoylglutamic acid and folic acid. Watkins WM, et al. **Mol Biochem Parasitol** 1985 Jan;14(1):55-61

The problem of drug resistance in malaria. Peters W. **Parasitology** 1985 Apr;90 (Pt 4):705-15 (70 ref.)

Susceptibility of human malaria parasites to chloroquine is pH dependent. Yayon A, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2784-8

In vivo and in vitro chloroquine-resistant falciparum malaria in Venda. A case report. Bac DJ, et al. **S Afr Med J** 1985 Jun 8;67(23):937-8

Immune plasma complicates determination of sensitivity of malaria to chloroquine [letter] Markus MB. **S Afr Med J** 1985 Aug 3;68(3):136

The effect of sulphadoxine/pyrimethamine on gametocytes in falciparum malaria. Ittiravivongs A, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep; 15(3):323-5

Nimbolide, a constituent of Azadirachta indica, inhibits Plasmodium falciparum in culture. Rochanakij S, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar; 16(1):66-72

Mefloquine-pyrimethamine-sulfadoxine combination delays emergence of mefloquine resistant Plasmodium falciparum in continuous culture. Tan-Ariya P, et al. **Southeast Asian J Trop Med Public Health** 1984 Dec; 15(4):531-5

Plasmodium resistance to chloroquine: a new hypothesis [letter] Charet P, et al. **Trans R Soc Trop Med Hyg** 1985; 79(1):140

Application of an in vitro semi-microtest to the study of drug sensitivity of 66 Plasmodium falciparum isolates from 15 countries. Le Bras J, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):485-8

Studies of resistance to chloroquine, quinine, amodiaquine and mefloquine among Philippine strains of Plasmodium falciparum. Smrkovski LL, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):37-41

In vitro response of Kenyan Plasmodium falciparum to chloroquine in different media. Spencer HC, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):116-8

African serum interference in the determination of chloroquine sensitivity in Plasmodium falciparum. Carlin JM, et al. **Z Parasitenkd** 1984;70(5):589-97

[Determination of the susceptibility of chloroquine-resistant Plasmodium falciparum to pyronaridine] Che LG. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):280 (Chi)

[Plasmodium falciparum and drug resistance] Charmot G. **Arch Inst Pasteur Madagascar** 1984;51(1):15-28 (Fre)

[Drug sensitivity of Plasmodium falciparum in Madagascar. V. Study of the in vitro activity of quinine, mefloquine and halofantrine] Deloron P, et al. **Arch Inst Pasteur Madagascar** 1984;51(1):81-7 (Eng. Abstr.) (Fre)

[4-Aminoquinoline-sensitivity of Plasmodium falciparum in Madagascar. II. Study in two regions of the east coast] Deloron P, et al. **Arch Inst Pasteur Madagascar** 1984; 51(1):43-55 (Eng. Abstr.) (Fre)

[4-Aminoquinoline-sensitivity of Plasmodium falciparum in Madagascar. III. Studies in three regions of the interior] Deloron P, et al. **Arch Inst Pasteur Madagascar** 1984; 51(1):57-68 (Eng. Abstr.) (Fre)

[4-Aminoquinoline-sensitivity of Plasmodium falciparum in Madagascar. I. Study in two regions of the west coast] Deloron P, et al. **Arch Inst Pasteur Madagascar** 1984; 51(1):29-42 (Eng. Abstr.) (Fre)

[4-Aminoquinoline-sensitivity of Plasmodium falciparum in Madagascar: comparison of results and epidemiological perspectives] Deloron P, et al. **Arch Inst Pasteur Madagascar** 1984;51(1):69-79 (Fre)

[Sensitivity of Plasmodium falciparum to chloroquine in the hyperendemic malaria savannah zone of Burkina Faso ex-Upper Volta. Use of in vivo and in vitro tests. Demonstration of a resistant strain in vitro] Baudon D, et al. **Bull Soc Pathol Exot Filiales** 1984;77(5):658-65 (Eng. Abstr.) (Fre)

[The clinician, the microscopist and drug-resistant hematozoa (editorial)] Charmot G. **Bull Soc Pathol Exot Filiales** 1985;78(3):279-80 (Fre)

[P. falciparum malaria contracted in Burundi, resistant to chloroquine and diminished sensitivity to quinine] Matheron S, et al. **Bull Soc Pathol Exot Filiales** 1984 Jul-Aug;77(4):466-8 (Eng. Abstr.) (Fre)

[Drug resistance of Plasmodium falciparum and Plasmodium vivax strains in Cambodia (Cardamone Massif). Morphological characteristics of Plasmodium vivax] Lapierre J, et al. **Med Trop (Mars)** 1984 Oct-Dec; 44(4):339-49 (Eng. Abstr.) (Fre)

[Chloroquine sensitivity of Plasmodium falciparum] Bánhegyi D, et al. **Orv Hetil** 1985 Jul 21;126(29):1769-72 (Eng. Abstr.) (Hun)

[In vitro sensitivity tests of Plasmodium falciparum samples of the Amazonian Basin (Brazil)] Vasconcelos MA, et al. **Rev Bras Malariol Doencas Trop** 1983;35:21-8 (Eng. Abstr.) (Por)

[Detection of pyrimethamine resistance in P. falciparum long after discontinuation of its use] Kuznetsov RL, et al. **Med Parazitol (Mosk)** 1984 Jul-Aug;(4):13-6 (Eng. Abstr.) (Rus)

[Importance of night monkeys (Aotus) in research on malaria chemotherapy] Rossan RN, et al. **Rev Med Panama** 1984 Sep;9(3):222-5 (Eng. Abstr.) (Spa)

[Swedish cases of fatal malaria. Chloroquine-resistant falciparum strains] Malmvall BE, et al. **Lakartidningen** 1985 Jul 10;82(28-29):2510-2 (Swe)

ENZYMOLOGY

Pyrimidine de novo synthesis during the life cycle of the intraerythrocytic stage of Plasmodium falciparum. Gero AM, et al. **J Parasitol** 1984 Aug;70(4):536-41

Adaptation of Plasmodium falciparum to glucose 6-phosphate dehydrogenase-deficient host red cells by production of parasite-encoded enzyme. Usanga EA, et al. **Nature** 1985 Feb 28-Mar 6;313(6005):793-5

Isoenzyme characterization of chloroquine-resistant isolates of Plasmodium falciparum from Burma. Myint-Oo, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):471-3

Ornithine decarboxylase of Plasmodium falciparum: a peak-function enzyme and its inhibition by chloroquine. Königk E, et al. **Trop Med Parasitol** 1985 Jun;36(2):81-4

[Enzymatic analysis of 56 samples of Plasmodium falciparum of the Amazonian Basin (Brazil)] Couto A, et al. **Rev Bras Malariol Doencas Trop** 1983;35:11-9 (Eng. Abstr.) (Por)

GENETICS

Detection of Plasmodium falciparum using a synthetic DNA probe. McLaughlin GL, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):837-40

Conserved sequences flank variable tandem repeats in two S-antigen genes of Plasmodium falciparum. Cowman AF, et al. **Cell** 1985 Apr;40(4):775-83

Cloning and expression in Escherichia coli of a surface antigen of Plasmodium falciparum merozoites. Cheung A, et al. **EMBO J** 1985 Apr;4(4):1007-11

Protein variation in clones of Plasmodium falciparum detected by two dimensional electrophoresis. Fenton B, et al. **Mol Biochem Parasitol** 1985 Aug;16(2):173-83

Cloning studies on the gene coding for L-(+)-lactate dehydrogenase of Plasmodium falciparum. Simmons DL, et al. **Mol Biochem Parasitol** 1985 May;15(2):231-43

Structure of the circumsporozoite protein gene in 18 strains of Plasmodium falciparum. Weber JL, et al. **Mol Biochem Parasitol** 1985 Jun;15(3):305-16

Plasmodium falciparum complementary DNA clones expressed in Escherichia coli encode many distinct antigens. Anders RF, et al. **Mol Biol Med** 1984 Jun; 2(3):177-91

Chromosomes of malaria parasites and trypanosomes [news] Cox FE. **Nature** 1985 May 23-29;315(6017):280-1

Major surface antigen gene of a human malaria parasite cloned and expressed in bacteria. Hall R, et al. **Nature** 1984 Sep 27-Oct 3;311(5984):379-82

Size variation in chromosomes from independent cultured isolates of Plasmodium falciparum. Kemp DJ, et al. **Nature** 1985 May 23-29;315(6017):347-50

Human antisera detect a Plasmodium falciparum genomic clone encoding a nonapeptide repeat. Koenen M, et al. **Nature** 1984 Sep 27-Oct 3;311(5984):382-5

The gene for an exported antigen of the malaria parasite Plasmodium falciparum cloned and expressed in Escherichia coli. Hope IA, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):369-79

Synthesis of small nuclear ribonucleoprotein particles by the malarial parasite Plasmodium falciparum. Francoeur AM, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3635-9

Isolation of the gene for a glycophorin-binding protein implicated in erythrocyte invasion by a malaria parasite. Ravetch JV, et al. **Science** 1985 Mar 29;227(4694):1593-7

Chromosome-sized DNA molecules of Plasmodium falciparum. Van der Ploeg LH, et al. **Science** 1985 Aug 16;229(4714):658-61

GROWTH & DEVELOPMENT

Use of non-human plasma for in vitro cultivation and antimalarial drug susceptibility testing of Plasmodium falciparum. Oduola AM, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):209-15

The development and ultrastructure of Plasmodium falciparum damaged in vitro by human 'crisis' sera and by chloroquine. Butcher GA, et al. **Aust J Exp Biol Med Sci** 1985 Feb;63 (Pt 1):9-18

Plasmodium falciparum in vitro: diminished growth in hemoglobin H disease erythrocytes. Ifediba TC, et al. **Blood** 1985 Feb;65(2):452-5

Influence of medium osmolality on the in vitro growth of

Plasmodium falciparum: a morphologic and radioisotopic study. Dei-Cas E, et al. **In Vitro Cell Dev Biol** 1985 Feb; 21(2):93–8

Plasmodium falciparum: invasion and development in highly parasitized cultures. Raventos-Suarez C. **In Vitro Cell Dev Biol** 1985 Mar;21(3 Pt 1):161–4

Protein and nucleic acid synthesis during synchronized growth of Plasmodium falciparum. Gritzmacher CA, et al. **J Bacteriol** 1984 Dec;160(3):1165–7

In vitro culture of Plasmodium falciparum [letter] Campbell JR. **J Parasitol** 1984 Dec;70(6):966

Isolation and cultivation of Plasmodium falciparum using adult bovine serum. Divo AA, et al. **J Parasitol** 1985 Aug; 71(4):504–9

In vitro cultivation of Plasmodium falciparum under aerobic atmosphere in a CO2 incubator. Miyagami T, et al. **J Parasitol** 1985 Apr;71(2):262–3

Nutritional requirements of Plasmodium falciparum in culture. I. Exogenously supplied dialyzable components necessary for continuous growth. Divo AA, et al. **J Protozool** 1985 Feb;32(1):59–64

Nutritional requirements of Plasmodium falciparum in culture. II. Effects of antimetabolites in a semi-defined medium. Geary TG, et al. **J Protozool** 1985 Feb;32(1):65–9

Initial extracellular development in vitro of merozoites of Plasmodium falciparum. Trager W, et al. **J Protozool** 1984 Nov;31(4):562–7

An in vitro assay for sequestration: binding of Plasmodium falciparum-infected erythrocytes to formalin-fixed endothelial cells and amelanotic melanoma cells. Udeinya IJ, et al. **J Protozool** 1985 Feb;32(1):88–90

The effects of aspirin-containing serum in the continuous culture of Plasmodium falciparum. Whaun JM. **J Protozool** 1984 Aug;31(3):381–4

In-vitro culture of exoerythrocytic form of Plasmodium falciparum in adult human hepatocytes [letter] Smith JE, et al. **Lancet** 1984 Sep 29;2(8405):757–8

Selective stage-specific changes in the permeability to small hydrophilic solutes of human erythrocytes infected with Plasmodium falciparum. Elford BC, et al. **Mol Biochem Parasitol** 1985 Jun;16(1):43–60

In vitro inhibition of Plasmodium falciparum merozoite invasion by human plasma fibronectin. Ouaissi MA, et al. **Parasitology** 1985 Apr;90 (Pt 2):227–36

Complete development of hepatic stages of Plasmodium falciparum in vitro. Mazier D, et al. **Science** 1985 Jan 25; 227(4685):440–2

Plasmodium falciparum infection in Bisazir chemosterilized Anopheles dirus in laboratory studies. Sucharit S, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun; 15(2):228–33

Use of human plasma for continuous in vitro cultivation of Plasmodium falciparum. Hui GS, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):625–6

[Obtaining hepatic stages of Plasmodium falciparum in vitro] Mazier D, et al. **Ann Parasitol Hum Comp** 1984;59(5):525–6 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

Development of malaria vaccines reviewed. Meuwissen JH. **Acta Leiden** 1984;52:19–29

Detection of antibodies to malaria: comparison of results with ELISA, IFAT, and crossed immunoelectrophoresis. Schapira A, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Dec; 92(6):299–304

Monoclonal antibody characterization of Plasmodium falciparum antigens. Campbell GH, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1051–4

Proteins responsible for a punctate fluorescence pattern in Plasmodium falciparum merozoites. Howard RF, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1055–9

An antigenic determinant which is variant in a population of Plasmodium falciparum is present in isolates of Plasmodium malariae. Knowles G, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):789–91

Antibodies against malaria sporozoites in patients with acute uncomplicated malaria and patients with cerebral malaria. Tapchaisri P, et al. **Am J Trop Med Hyg** 1985 Sep; 34(5):831–6

Characterisation of monoclonal antibodies against blood forms of Plasmodium falciparum by the immunofluorescent test. Khusmith S, et al. **Asian Pac J Allergy Immunol** 1984 Jun;2(1):91–5

Identification and localization of antigens of the malaria parasite, Plasmodium falciparum, by immune precipitation. Santiyanont R, et al. **Biochem Int** 1983 Nov;7(5):671–6

Wright (a + b-) human erythrocytes and Plasmodium falciparum malaria. Hermentin P, et al. **Blut** 1985 Feb; 50(2):75–80

Specific proliferative response of human lymphocytes to purified soluble antigens from Plasmodium falciparum in vitro cultures and to antigens from malaria patients' sera. Bygbjerg IC, et al. **Clin Exp Immunol** 1985 Feb;59(2):421–6

Plasmodium falciparum: comparative analysis of antigens from continuous in vitro cultured and in vivo derived malarial parasites. Yamaga KM, et al. **Exp Parasitol** 1984 Oct;58(2):138–46

Use of a monoclonal, anti Plasmodium berghei antibody, cross reacting with P. falciparum, for the detection of P. falciparum in in vitro infected blood. Pass A, et al. **Immunol Lett** 1985;10(1):31–4

In vitro studies on a strain of Plasmodium falciparum isolated from Aligarh, India. Siddiqui WA, et al. **Indian J Med Res** 1985 May;81:459–64

Induction of protective immunity to Plasmodium falciparum in Saimiri sciureus monkeys with partially purified exoantigens. James MA, et al. **Infect Immun** 1985 Sep; 49(3):476–80

Mitogenic and antigenic activity of Plasmodium falciparum in primate and rodent lymphocytes. Golenser J, et al. **Int J Parasitol** 1985 Aug;15(4):435–40

Acylation of a Plasmodium falciparum merozoite surface antigen via sn-1,2-diacyl glycerol. Haldar K, et al. **J Biol Chem** 1985 Apr 25;260(8):4969–74

Knob-positive and knob-negative Plasmodium falciparum differ in expression of a strain-specific malarial antigen on the surface of infected erythrocytes. Aley SB, et al. **J Exp Med** 1984 Nov 1;160(5):1585–90

Localization of the ring-infected erythrocyte surface antigen (RESA) of Plasmodium falciparum in merozoites and ring-infected erythrocytes. Brown GV, et al. **J Exp Med** 1985 Aug 1;162(2):774–9

Polymorphism of a high molecular weight schizont antigen of the human malaria parasite Plasmodium falciparum. McBride JS, et al. **J Exp Med** 1985 Jan 1;161(1):160–80

Characterization of one polypeptide antigen potentially related to protective immunity against the blood infection by Plasmodium falciparum in the squirrel monkey. Jendoubi M, et al. **J Immunol** 1985 Mar;134(3):1941–5

Characterization with monoclonal antibodies of a surface antigen of Plasmodium falciparum merozoites. Pirson PJ, et al. **J Immunol** 1985 Mar;134(3):1946–51

Recognition of a Mr 56K glycoprotein on the surface of Plasmodium falciparum merozoites by mouse monoclonal antibodies. Stanley HA, et al. **J Immunol** 1985 May; 134(5):3439–44

Ubiquity of the repetitive epitope of the CS protein in different isolates of human malaria parasites. Zavala F, et al. **J Immunol** 1985 Oct;135(4):2790–3

The malaria sporozoite vaccine: parasitology's brave new world. Spriggs DR. **J Infect Dis** 1985 Sep;152(3):655–6

ELISA HTLV retrovirus antibody reactivity associated with malaria and immune complexes in healthy Africans. Biggar RJ, et al. **Lancet** 1985 Sep 7;2(8454):520–3

Diversity of Plasmodium falciparum antibodies in pregnancy [letter] Brabin BJ, et al. **Lancet** 1985 May 11;1(8437):1098–9

The ring-infected erythrocyte surface antigen (RESA) polypeptide of Plasmodium falciparum contains two separate blocks of tandem repeats encoding antigenic epitopes that are naturally immunogenic in man. Cowman AF, et al. **Mol Biol Med** 1984 Jun;2(3):207–21

Malaria: blood-stage antigens cloned [news] Brown KN. **Nature** 1984 Sep 27–Oct 3;311(5984):300

Characterisation of P. falciparum antigenic determinants isolated from a genomic expression library by differential antibody screening. Langsley G, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):4191–202

The expression of Plasmodium falciparum bloodstage antigens in Escherichia coli. Brown GV, et al. **Philos Trans R Soc Lond [Biol]** 1984 Nov 13; 307(1131):179–87

Receptors on red cells for Plasmodium falciparum and their interaction with merozoites. Pasvol G. **Philos Trans R Soc Lond [Biol]** 1984 Nov 13; 307(1131):189–200 (50 ref.)

Expression of Plasmodium falciparum surface antigens in Escherichia coli. Ardeshir F, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2518–22

A blood stage antigen of Plasmodium falciparum shares determinants with the sporozoite coat protein. Coppel RL, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5121–5

Interspersed blocks of repetitive and charged amino acids in a dominant immunogen of Plasmodium falciparum. Stahl HD, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):543–7

Monkey-derived monoclonal antibodies against Plasmodium falciparum. Stanley HA, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6272–5

Human antibodies to a Mr 155,000 Plasmodium falciparum antigen efficiently inhibit merozoite invasion. Wåhlin B, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7912–6

Plasmodium falciparum merozoite vaccine in Aotus monkeys. An evaluation of the tolerableness of three types of adjuvants. Peltola H, et al. **Scand J Infect Dis** 1984; 16(4):393–402

Immunogenicity of synthetic peptides from circumsporozoite protein of Plasmodium falciparum. Ballou WR, et al. **Science** 1985 May 24;228(4702):996–9

Malaria research [letter] Trager W. **Science** 1984 Dec 21; 226(4681):1374

Expression of Plasmodium falciparum circumsporozoite proteins in Escherichia coli for potential use in a human malaria vaccine. Young JF, et al. **Science** 1985 May 24; 228(4702):958–62

Rationale for development of a synthetic vaccine against Plasmodium falciparum malaria. Zavala F, et al. **Science** 1985 Jun 21;228(4706):1436–40

Malaria antibody levels in patients with nasopharyngeal carcinoma. Yadav M, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun; 15(2):234–7

Stage-specific production of S-antigens of Plasmodium falciparum in vitro. Winchell EJ, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):187–91

[Sero-epidemiological survey of malaria using the ELISA technic] Wang J. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Apr; 6(2):74–7 (Eng. Abstr.) **(Chi)**

[Diagnostic malaria studies: parasitological or serological?] Meuwissen JH, et al. **Ned Tijdschr Geneeskd** 1985 Jan 26; 129(4):148–9 **(Dut)**

[Antigenic specificity of antiplasmodium antibodies in an endemic area: an attempt at correlation with the induction of protective immunity] Roffi J, et al. **Ann Inst Pasteur Immunol** 1985 May–Jun;136C(3):323–41 (Eng. Abstr.) **(Fre)**

ISOLATION & PURIFICATION

Isolation of temperature-sensitive mutants of Plasmodium falciparum. Inselburg J. **Mol Biochem Parasitol** 1985 Jun; 16(1):75–83

A simple method for isolating viable mature parasites of Plasmodium falciparum from cultures. Dluzewski AR, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):622–4

METABOLISM

Plasmodium falciparum takes up iron from transferrin. Pollack S, et al. **Br J Haematol** 1984 Oct;58(2):289–93

Plasmodium falciparum: carbohydrates as receptor sites of invasion. Hermentin P, et al. **Exp Parasitol** 1984 Dec; 58(3):290–306

Effects of mitochondrial protein synthesis inhibitors on the incorporation of isoleucine into Plasmodium falciparum in vitro. Blum JJ, et al. **J Protozool** 1984 Aug;31(3):475–9

Inhibition of pyrimidine biosynthesis de novo in Plasmodium falciparum by 2-(4-t-butylcyclohexyl)-3-hydroxy-1,4-naphthoquinone in vitro. Hammond DJ, et al. **Mol Biochem Parasitol** 1985 Jan;14(1):97–109

The biosynthesis of the knob protein and a 65 000 dalton histidine-rich polypeptide of Plasmodium falciparum. Kilejian A. **Mol Biochem Parasitol** 1984 Jun;12(2):185–94

Biosynthesis of the target antigens of antibodies blocking transmission of Plasmodium falciparum. Kumar N, et al. **Mol Biochem Parasitol** 1984 Nov;13(3):333–42

Time-course of synthesis, transport and incorporation of a protein identified in purified membranes of host erythrocytes infected with a knob-forming strain of Plasmodium falciparum. Vernot-Hernandez JP, et al. **Mol Biochem Parasitol** 1984 Jul;12(3):337–50

PATHOGENICITY

Effects of transmission-blocking monoclonal antibodies on different isolates of Plasmodium falciparum. Graves PM, et al. **Infect Immun** 1985 Jun;48(3):611–6

Pathogenicity, stability, and immunogenicity of a knobless clone of Plasmodium falciparum in Colombian owl monkeys. Langreth SG, et al. **Infect Immun** 1985 Mar; 47(3):760–6

Role of the carbohydrate domains of glycophorins as erythrocyte receptors for invasion by Plasmodium falciparum merozoites. Vanderberg JP, et al. **Infect Immun** 1985 Jan;47(1):201–10

Hydrophobic interactions in Plasmodium falciparum invasion into human erythrocytes. Breuer WV, et al. **Mol Biochem Parasitol** 1984 Jun;12(2):125–38

Comparative infectivity of knobless and knobby clones of Plasmodium falciparum in splenectomized and intact Aotus trivirgatus monkeys. Lanners HN, et al. **Z Parasitenkd** 1984;70(6):739–45

PHYSIOLOGY

Gametocyte production in cloned lines of Plasmodium falciparum. Graves PM, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1045–50

Cloning and characterization of Plasmodium falciparum FCR-3/FMG strain. Green TJ, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):24–30

Chemotherapy of malaria and the host-parasite interaction. Peters W. **Indian J Malariol** 1984 Jun;21(1):7–16

Wrb negative erythrocytes are susceptible to invasion by malaria parasites [letter] Facer CA, et al. **Lancet** 1984 Sep 29;2(8405):758–9

Wright's b determinant, monoclonal antibodies, and Plasmodium falciparum merozoite invasion [letter] Schulman S, et al. **Lancet** 1984 Oct 20;2(8408):934–5

Erythrocyte membrane receptor for Plasmodium falciparum. Olson JA. **Prog Clin Biol Res** 1984;165:343–59

Receptor mediated endocytosis of the malarial parasite by erythrocytes. Perkins ME. **Prog Clin Biol Res** 1984; 165:361–76

Evidence for a malarial parasite interaction site on the major transmembrane protein of the human erythrocyte. Friedman MJ, et al. **Science** 1985 Apr 5;228(4695):75–7

RADIATION EFFECTS

X-ray sensitivity and DNA synthesis in synchronous culture of Plasmodium falciparum. Waki S, et al. **Z Parasitenkd** 1985;71(2):213–8

ULTRASTRUCTURE

Effects of chloroquine on the feeding mechanism of the intraerythrocytic human malarial parasite Plasmodium falciparum. Yayon A, et al. **J Protozool** 1984 Aug;

31(3):367-72

PLASMODIUM INFECTIONS see **MALARIA**

PLASMODIUM MALARIAE

IMMUNOLOGY

An antigenic determinant which is variant in a population of Plasmodium falciparum is present in isolates of Plasmodium malariae. Knowles G, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):789-91

PATHOGENICITY

Studies on the Uganda I/CDC strain of Plasmodium malariae in bolivian Aotus monkeys and various anophelines. Collins WE, et al. **J Parasitol** 1984 Oct;70(5):677-81

PLASMODIUM VIVAX

Cryopreservation of the blood stages of Plasmodium falciparum and Plasmodium vivax for in vivo studies. Rossan RN. **Am J Trop Med Hyg** 1985 Mar;34(2):207-8

[Rapid staining methods for the detection of malaria parasites] Lu HM, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1985;3(1):45-7 (Eng. Abstr.) **(Chi)**

CLASSIFICATION

[Preliminary study of the pattern of relapse in tertian malaria occurring in Jiangsu Province and its neighboring areas] Wang FP. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Feb;6(1):23-5 (Eng. Abstr.) **(Chi)**

CYTOLOGY

[Drug resistance of Plasmodium falciparum and Plasmodium vivax strains in Cambodia (Cardamone Massif). Morphological characteristics of Plasmodium vivax] Lapierre J, et al. **Med Trop (Mars)** 1984 Oct-Dec;44(4):339-49 (Eng. Abstr.) **(Fre)**

DRUG EFFECTS

[Drug resistance of Plasmodium falciparum and Plasmodium vivax strains in Cambodia (Cardamone Massif). Morphological characteristics of Plasmodium vivax] Lapierre J, et al. **Med Trop (Mars)** 1984 Oct-Dec;44(4):339-49 (Eng. Abstr.) **(Fre)**

GROWTH & DEVELOPMENT

In vitro culture of two populations (dividing and nondividing) of exoerythrocytic parasites of Plasmodium vivax. Hollingdale MR, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):216-22

Observation on complete schizogony of Plasmodium vivax in vitro. Brockelman CR, et al. **J Protozool** 1985 Feb;32(1):76-80

IMMUNOLOGY

Ubiquity of the repetitive epitope of the CS protein in different isolates of human malaria parasites. Zavala F, et al. **J Immunol** 1985 Oct;135(4):2790-3

[Production and screening of monoclonal antibodies against Plasmodium vivax] Wang XZ, et al. **Ssu Chuan I Hsueh Yuan Hsueh Pao** 1985 Mar;16(1):6-10 (Eng. Abstr.) **(Chi)**

PATHOGENICITY

Infection of Aotus azarae boliviensis monkeys with different strains of Plasmodium vivax. Collins WE, et al. **J Parasitol** 1985 Apr;71(2):239-43

PHYSIOLOGY

[Experimental studies on the periodical viability of gametocytes of Plasmodium vivax] Yang BL, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):238-42 (Eng. Abstr.) **(Chi)**

ULTRASTRUCTURE

An ultrastructural study on the sporogony of Plasmodium vivax in Anopheles stephensi. Nanda N, et al. **Indian J Malariol** 1985 Jun;22(1):1-15

PLASMOSOME see **CELL NUCLEOLUS**

PLASTER CASTS see **CASTS, SURGICAL**

PLASTER OF PARIS see **CALCIUM SULFATE**

PLASTICITY, NEURONAL see **NEURONAL PLASTICITY**

PLASTICIZERS

Extended storage of platelets in a new plastic container. I. Biochemical and morphologic changes. Grode G, et al. **Transfusion** 1985 May-Jun;25(3):204-8

Extended storage of platelets in a new plastic container. II. In vivo response to infusion of platelets stored for 5 days. Snyder EL, et al. **Transfusion** 1985 May-Jun;25(3):209-14

[Effect of plasticizers on the glass transition temperature of gastroresistant enterosoluble polymers] Dechesne JP, et al. **J Pharm Belg** 1984 Nov-Dec;39(6):341-7 (Eng. Abstr.) **(Fre)**

ADVERSE EFFECTS

[Regular exposure to plasticizers can have a harmful effect on health] Ganning AE, et al. **Lakartidningen** 1984 Nov 21;81(47):4389-92 **(Swe)**

ANALYSIS

Estimation of tris(2-butoxyethyl) phosphate in biological fluids: novel intersubject variability in recovery from human serum. Anderson GD, et al. **J Pharm Sci** 1984 Dec;73(12):1791-3

BLOOD

Incorporation of plasticizer into red cells during storage. Rock G, et al. **Transfusion** 1984 Nov-Dec;24(6):493-8

METABOLISM

Disposition of [14C]tri-o-cresyl phosphate and its metabolites in various tissues of the male cat following a single dermal application. Nomeir AA, et al. **Drug Metab Dispos** 1984 Nov-Dec;12(6):705-11

Metabolism and disposition of the flame retardant plasticizer, tri-p-cresyl phosphate, in the rat. Kurebayashi H, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):395-404

[Isolation and selection of microorganisms which hydrolyse plasticizers] Miranda Romero LA, et al. **Rev Latinoam Microbiol** 1984 Jul-Sep;26(3):217-22 (Eng. Abstr.) **(Spa)**

PHARMACODYNAMICS

Platelet storage in glow discharge-treated polyvinylchloride bags: effects of a plasticizer on platelet hypotonic shock response. Ishikawa Y, et al. **Vox Sang** 1984;47(5):330-4

TOXICITY

Effect of plasticizers on the polyprene distribution in the liver. Edlund C, et al. **Acta Chem Scand [B]** 1985;39(4):315-7

The function of motor nerves innervating slow tonic skeletal muscle in hens with delayed neuropathy induced by tri-o-tolyl phosphate. Durham HD, et al. **Can J Physiol Pharmacol** 1984 Oct;62(10):1268-73

A reply to 'Problems involved with developing a suitable model for evaluating exposure to bis(2-ethylhexyl) phthalate for medical devices' [letter] Shen DD, et al. **J Pharm Sci** 1984 Sep;73(9):1334

Bacterial mutagenicity testing of urine from rats dosed with 2-ethylhexanol derived plasticizers. DiVincenzo GD, et al. **Toxicology** 1985 Mar 15;34(3):247-59

PLASTICS

Auto-alloplastics closure of cervical esophageal fistulae. Bornemisza G, et al. **Acta Chir Hung** 1985;26(3):135-40

Abdominal wound closure. A comparison of polydioxanone, polypropylene, and Teflon-coated braided Dacron sutures. Kon ND, et al. **Am Surg** 1984 Oct;50(10):549-51

Comparison of prosthetic materials for abdominal wall reconstruction in the presence of contamination and infection. Brown GL, et al. **Ann Surg** 1985 Jun;201(6):705-11

The use of short carbon fibre reinforced thermoplastic plates for fracture fixation. Gillett N, et al. **Biomaterials** 1985 Mar;6(2):113-21

Calorimetrical comparison of insulative properties of metalized plastic, clear polyethylene, and polyester blanket. Chang KS, et al. **Can Anaesth Soc J** 1984 Nov;31(6):690-4

Experimental mechanical and histologic evaluation of the Kennedy ligament augmentation device. McPherson GK, et al. **Clin Orthop** 1985 Jun;(196):186-95

Interaction between plastics packaging materials and foodstuffs with different fat content and fat release properties. Bieber WD, et al. **Food Addit Contam** 1985 Apr-Jun;2(2):113-24

Radiolucent plastic in gunshot wounds. Beverly MC, et al. **Injury** 1985 Jul;16(7):461-3

Pathogenesis and management of Staphylococcus epidermidis 'plastic' foreign body infections. Peters G, et al. **J Antimicrob Chemother** 1984 Dec;14 Suppl D:67-71

Oxygen and CO2 transfer of a polypropylene dimpled membrane lung with variable secondary flows. Dorrington KL, et al. **J Biomed Eng** 1985 Apr;7(2):89-99

Increased non-specific binding of heat-treated proteins to plastic surfaces analyzed by ELISA and HPLC-fractionation. Husby S, et al. **J Immunoassay** 1985;6(1-2):95-110

A method of plastic foreign body removal. Cheney ML, et al. **J La State Med Soc** 1985 Jul;137(7):31

Fatigue crack propagation behavior of ultrahigh molecular weight polyethylene. Connelly GM, et al. **J Orthop Res** 1984;2(2):119-25

Occlusal adjustment by photocclusion. Gutman D, et al. **J Prosthet Dent** 1985 Feb;53(2):238-43

Compressive behavior after simulated service conditions of some foamed materials intended as orthotic shoe insoles. Campbell GJ, et al. **J Rehabil Res Dev** 1984 Jul;21(2):57-65

Plastic filing from dialysis tubing induces prostanoid release from macrophages. Bommer J, et al. **Kidney Int** 1984 Sep;26(3):331-7

Straw lung [letter] Kraus VB, et al. **N Engl J Med** 1985 Apr 4;312(14):924

Abdominal wall repair with polypropylene mesh in pregnancy. Martin LF, et al. **Obstet Gynecol** 1985 Jul;66(1):141-3

Thermoplastic alignment couplings for prostheses. Coombs AG, et al. **Prosthet Orthot Int** 1985 Apr;9(1):37-45

The Rapidform process for automated thermoplastic socket production. Davies RM, et al. **Prosthet Orthot Int** 1985 Apr;9(1):27-30

Application of CR-39 plastic to rapid and quantitative macroautoradiography of alpha-emitters in a whole body section of an experimental animal. Ishigure N. **Radioisotopes** 1985 Feb;34(2):101-2

The adsorption of thrombin to polypropylene tubes: the effect of polyethylene glycol and bovine serum albumin. Horne MK 3d. **Thromb Res** 1985 Jan 1;37(1):201-12

Effect of membrane dimensions and shear rate on plasma filtration for hollow fibers. Jaffrin MY, et al. **Trans Am Soc Artif Intern Organs** 1984;30:401-5

[Fixation of repositioned nasal bones using a Hexcelite splint] Uchytil B, et al. **Cesk Otolaryngol** 1984 Sep;33(5):299-302 (Eng. Abstr.) **(Cze)**

[Migrations between plastic containers and liquid pharmaceutical dosage forms: general criteria for the study, and methods of detection] Pellerin F, et al. **Ann Pharm Fr** 1984;42(1):15-25 (Eng. Abstr.) **(Fre)**

[Useful ideas in plastics. From the workshop of the German-English design project 'Medical Technics with Thermoplastics'] Schwing C. **Fortschr Med** 1985 Apr 25;103(16):86-7 **(Ger)**

[Pathogenesis of staphylococcal infections of implanted plastics and intravascular catheters] Peters G. **Infection** 1984 Jul-Aug;12(4):235-9 (Eng. Abstr.) **(Ger)**

[Plastic packs for drug preparations containing volatile oils. 88. Problems in filling plastic containers with liquid drug preparations] Döge EM, et al. **Pharmazie** 1984 Jun;39(6):423-4 **(Ger)**

[Development of a tissue-equivalent plastic block for the sonographic diagnosis of regions near to the skin] Alzen G, et al. **ROFO** 1985 Jul;143(1):90-6 (Eng. Abstr.) **(Ger)**

[Protection of workers against non-ionizing electromagnetic radiation: examples of improvements in radiofrequency equipment in the plastic, wood and metallurgy industries] Orsini S, et al. **Med Lav** 1984 Nov-Dec;75(6):463-70 (Eng. Abstr.) **(Ita)**

[Studies on a plastic container for aqueous infusion] Kikuchi M, et al. **Yakugaku Zasshi** 1984 May;104(5):472-8 (Eng. Abstr.) **(Jpn)**

[Plastics and painting] Norseth T. **Tidsskr Nor Laegeforen** 1984 Dec 20;104(35-36):2491-2 **(Nor)**

[Various aspects of the toxicology and clinical features of cyclohexanone] Sakharova LN, et al. **Gig Tr Prof Zabol** 1984 Nov;(11):47-50 (Eng. Abstr.) **(Rus)**

[Radionuclide sensitivity of a plastic scintillator] Li DKh, et al. **Med Tekh** 1984 Jul-Aug;(4):12-4 (Eng. Abstr.) **(Rus)**

[Use of Soviet-manufactured plastic eye prostheses] Druianova IuS. **Oftalmol Zh** 1984;(5):305-6 (Eng. Abstr.) **(Rus)**

[Mandibular osteoplasty in children, using bone and plastic endoprostheses] Shestakov IuN, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):64-6 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Ultrastructural changes of polypropylene loops in a chronically inflamed eye. Cameron JD, et al. **J Am Intraocul Implant Soc** 1985 May;11(3):283-6

[Late recurrent subarachnoid hemorrhage after strengthening the aneurysm wall with aneuroplastic] Wisławski J, et al. **Neurol Neurochir Pol** 1984 May-Jun;18(3):291-3 (Eng. Abstr.) **(Pol)**

[Combined effects of carbon monoxide and cyanide compounds during combustion of plastic KN-1] Murzaev AM. **Sud Med Ekspert** 1984 Jul-Sep;27(3):32-3 (Eng. Abstr.) **(Rus)**

ANALYSIS

Additive migration from various plastics with different processing or properties into test fat HB 307. Figge K, et al. **Food Addit Contam** 1984 Oct-Dec;1(4):337-47

Transfer of additives from plastics materials into foodstuffs and into food simulants--a comparison. Bieber WD, et al. **Food Chem Toxicol** 1984 Sep;22(9):737-42

Determination of ethylene oxide, ethylene chlorohydrin and ethylene glycol in aqueous solutions and ethylene oxide residues in associated plastics. Ball NA. **J Pharm Sci** 1984 Sep;73(9):1305-7

[Analysis of organic residues in the extracts from the food retortable pouch by HPLC] Jiang O, et al. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1985 Mar;19(2):83-4 (Eng. Abstr.) **(Chi)**

[Determination of the aluminum content of plastic materials for packaging extracorporeal dialysis solutions: study of the transfer between container and contents] Postaire E, et al. **Ann Pharm Fr** 1984;42(2):113-21 (Eng. Abstr.) **(Fre)**

[Extraction behavior of polypropylenes. 87. Problems in the use of plastic containers for fluid drugs] Schleuder M, et al. **Pharmazie** 1984 Aug;39(8):553-6 (Eng. Abstr.) **(Ger)**

[Hygienic evaluation of toys for infants] Lewandowska-Malinowska I, et al. **Rocz Panstw Zakl Hig** 1984;35(3):249-52 (Eng. Abstr.) **(Pol)**

[Hygienic evaluation of articles made of plastics intended for contact with food] Mazur H, et al. **Rocz Panstw Zakl Hig** 1984;35(3):253-7 (Eng. Abstr.) **(Pol)**

[Hygienic evaluation of working conditions in the present-day processing of ethylene and propylene] Karimova LK. **Gig Tr Prof Zabol** 1984 Dec;(12):41-4 (Eng. Abstr.) **(Rus)**

STANDARDS

Retinal image quality during oblique gaze through spectacle lenses: plastic vs. glass. Code SM, et al. **Am J Optom Physiol Opt** 1985 Apr;62(4):240-5

THERAPEUTIC USE

New polypropylene tube to stent or bypass the lacrimal system. Hurwitz JJ. **Can J Ophthalmol** 1984 Oct; 19(6):261-5

TOXICITY

Allergenic degradation products of para-tertiary butylphenolformaldehyde plastic. Malten KE, et al. **Contact Dermatitis** 1985 Apr;12(4):222-4

Foreign-body tumorigenesis in rats by various kinds of plastics--induction of malignant fibrous histiocytomas. Maekawa A, et al. **J Toxicol Sci** 1984 Aug;9(3):263-72

[Hygienic basis for the possible use of new brands of polyolefins (propylene-ethylene block copolymer) in the food industry] Braun DD, et al. **Gig Sanit** 1984 Sep;(9):34-7 (Eng. Abstr.) **(Rus)**

PLASTOCYANIN see under **PLANT PROTEINS**

PLASTOQUINONE see under **QUINONES**

PLATANNA see **XENOPUS LAEVIS**

PLATELET ACTIVATING FACTOR

Inhibition by CV-3988 of the binding of [3H]-platelet activating factor (PAF) to the platelet. Terashita Z, et al. **Biochem Pharmacol** 1985 May 1;34(9):1491-5

Accumulation of inflammatory cells in response to intracutaneous platelet activating factor (Paf-acether) in man. Archer CB, et al. **Br J Dermatol** 1985 Mar; 112(3):285-90

An enantioselective synthesis of platelet-activating factors, their enantiomers, and their analogues from D- and L-tartaric acids. Ohno M, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):572-82

Electrophysiological effects of platelet-activating factor (PAF-acether) in guinea-pig papillary muscles. Tamargo J, et al. **Eur J Pharmacol** 1985 Feb 26;109(2):219-27

Thyrotropin-releasing hormone blocks the hypotensive effects of platelet-activating factor in the unanesthetized guinea pig. Feuerstein G, et al. **J Cardiovasc Pharmacol** 1985 Mar-Apr;7(2):335-40

Platelet activating factor analogues: lack of correlation between their activities to produce hypotension and endothelium-mediated vasodilation. Shigenobu K, et al. **J Pharmacobiodyn** 1985 Feb;8(2):128-33

Characterization of cutaneous vascular permeability induced by platelet-activating factor in guinea pigs and rats and its inhibition by a platelet-activating factor receptor antagonist. Hwang SB, et al. **Lab Invest** 1985 Jun; 52(6):617-30

Effects of 1-O-alkyl-2-acetyl-sn-glycero-3-phosphocholine (platelet activating factor) on cardiac function in perfused guinea-pig heart. Saeki S, et al. **Life Sci** 1985 Jul 29; 37(4):325-9

Chemical and biochemical aspects of platelet activating factor: a novel class of acetylated ether-linked choline-phospholipids. Snyder F. **Med Res Rev** 1985 Jan-Mar;5(1):107-40 (162 ref.)

[Synthesis and biological activity of isomeric structural analogs of platelet activating factor] Kertscher HP, et al. **Pharmazie** 1985 Jan;40(1):55-6 **(Ger)**

ADMINISTRATION & DOSAGE

Evaluation of dose and route effects of platelet activating factor-induced extravasation in the guinea pig. Handley DA, et al. **Thromb Haemost** 1984 Aug 31;52(1):34-6

ANALOGS & DERIVATIVES

Evidence for production of 1-acyl-2-acetyl-sn-glyceryl-3-phosphorylcholine concomitantly with platelet-activating factor. Satouchi K, et al. **Biochem Biophys Res Commun** 1985 May 16; 128(3):1409-17

CoA-independent transfer of arachidonic acid from 1,2-diacyl-sn-glycero-3-phosphocholine to 1-O-alkyl-sn-glycero-3-phosphocholine (lyso platelet-activating factor) by macrophage microsomes. Sugiura T, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):384-90

Phospholipid biosynthesis in human platelets. The acylation of lyso-platelet-activating factor. McKean ML, et al. **Biochem J** 1985 Feb 1;225(3):723-9

Release of arachidonic acid from 1-alkyl-2-acyl-sn-glycero-3-phosphocholine, a precursor of platelet-activating factor, in rat alveolar macrophages. Albert DH, et al. **Biochim Biophys Acta** 1984 Oct 24; 796(1):92-101

Evidence for the lack of interaction between (+/-)-1-O-octadecyl-2-acetylglyceryl-3-phosphorylchol and alpha-adrenoceptors in vivo and in vitro. Cervoni P, et al. **Br J Pharmacol** 1984 Oct;83(2):511-7

Synthesis and biological activities of bioisosteric O-carba-analogues of platelet activating factor (PAF). Nakamura N, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun; 32(6):2452-5

Ether glycerolipids: novel substrates for studying specificity of enzymes involved in glycerolipid biosynthesis in higher plants. Weber N, et al. **Eur J Biochem** 1985 Jan 15; 146(2):323-9

The release of lyso-PAF from guinea-pig lungs. Parente L, et al. **Eur J Pharmacol** 1985 Jun 7;112(2):281-4

Analogues of platelet activating factor. 3. Replacement of the phosphate moiety with a sulfonylbismethylene group. Wissner A, et al. **J Med Chem** 1985 Sep;28(9):1365-7

Analogues of platelet activating factor (PAF). 2. Some modifications of the glycerine backbone. Wissner A, et al. **J Med Chem** 1985 Sep;28(9):1181-7

Biosynthesis of platelet-activating factor. VI. Precursor of platelet-activating factor and acetyltransferase activity in isolated rat kidney cells. Pirotzky E, et al. **Lab Invest** 1984 Nov;51(5):567-72

Hydrocortisone and 'macrocortin' inhibit the zymosan-induced release of lyso-PAF from rat peritoneal leucocytes. Parente L, et al. **Life Sci** 1985 Apr 1; 36(13):1225-31

Effect of 1-hexadecyl-2-acetyl-sn-glycero-3-phosphorylcholine on blood pressure by intra-lateral ventricular injection in the rat. Saeki S, et al. **Med J Osaka Univ** 1984 Mar; 34(3-4):57-60

A possible role of antihypertensive polar renomedullary lipid (APRL) and prostaglandin E2 in the kidney in the antihypertensive action of pindolol. Matsudaira T, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jul;49(1):65-9

ANALYSIS

Structural identification of platelet activating factor in psoriatic scale. Mallet AI, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):192-8

Fast atom bombardment-mass spectrometric identification of molecular species of platelet-activating factor produced by stimulated human polymorphonuclear leukocytes. Weintraub ST, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):868-76

Release of platelet-activating factor in human leukemia. Foa R, et al. **Cancer Res** 1985 Sep;45(9):4483-5

Release of platelet-activating factor (PAF)-like material from human lymphoid cell lines. Bussolino F, et al. **Exp Hematol** 1984 Oct;12(9):688-93

High performance liquid chromatography of platelet-activating factors. Jackson EM, et al. **J Lipid Res** 1984 Jul;25(7):753-7

Mass spectrometric evidence for the presence of platelet-activating factor (1-0-alkyl-2-acetyl-sn-glycero-3-phosphocholine) in human amniotic fluid during labor. Nishihira J, et al. **Lipids** 1984 Dec;19(12):907-10

Platelet-activating factor isolation, identification, and assay. Hanahan DJ, et al. **Methods Biochem Anal** 1985;31:195-219 (46 ref.)

Association of platelet-activating factor with primary acquired cold urticaria. Grandel KE, et al. **N Engl J Med** 1985 Aug 15;313(7):405-9

ANTAGONISTS & INHIBITORS

Platelet-activating factor mediated effects on human neutrophil function are inhibited by pertussis toxin. Lad PM, et al. **Biochem Biophys Res Commun** 1985 Jun 28; 129(3):632-8

Inhibition of binding of the platelet-activating factor AGEPC to platelets by the AGEPC analog rac-3-(N-n-octadecylcarbamoyloxy)-2-methoxypropyl 2-thiazolioethyl phosphate (CV-3988). Valone FH. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):502-8

Characterization of a platelet-activating factor receptor antagonist isolated from haifenteng (Piper futokadsura): specific inhibition of in vitro and in vivo platelet-activating factor-induced effects. Shen TY, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):672-6

Platelet-activating factor-induced aggregation of human platelets specifically inhibited by triazolobenzodiazepines. Kornecki E, et al. **Science** 1984 Dec 21;226(4681):1454-6

BIOSYNTHESIS

Modulation of platelet-activating factor (PAF) synthesis and release from human polymorphonuclear leukocytes (PMN): role of extracellular albumin. Ludwig JC, et al. **Arch Biochem Biophys** 1985 Sep;241(2):337-47

Metabolism of 1-O-alkyl-2-acetyl-sn-glycerol by washed rabbit platelets: formation of platelet activating factor. Satouchi K, et al. **Arch Biochem Biophys** 1984 Oct; 234(1):318-21

Conversion of 1-alkyl-2-acetyl-sn-glycerols to platelet activating factor and related phospholipids by rabbit platelets. Blank ML, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):156-63

Paf-acether formation and arachidonic acid freeing from platelet ether-linked glyceryl-phosphorylcholine. Chignard M, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):637-43

Generation of acetyl glyceryl ether phosphorylcholine from the rat skin and muscle tissues stimulated by moxibustion. Nakayama R, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):629-34

Evidence for production of 1-acyl-2-acetyl-sn-glyceryl-3-phosphorylcholine concomitantly with platelet-activating factor. Satouchi K, et al. **Biochem Biophys Res Commun** 1985 May 16; 128(3):1409-17

Release of arachidonic acid from 1-alkyl-2-acyl-sn-glycero-3-phosphocholine, a precursor of platelet-activating factor, in rat alveolar macrophages. Albert DH, et al. **Biochim Biophys Acta** 1984 Oct 24; 796(1):92-101

Production of platelet-activating factor by human vascular endothelial cells: evidence for a requirement for specific agonists and modulation by prostacyclin. Zimmerman GA, et al. **Circulation** 1985 Oct;72(4):718-27

Inhalation of horseradish peroxidase by rabbits with specific IgE antibodies results in release into the circulation of platelet-activating factor and in lung lesions. Camussi G, et al. **Clin Immunol Immunopathol** 1985 Mar;34(3):333-44

Synthesis of PAF-acether and blood volume changes in gram-negative sepsis. Iñarrea P, et al. **Immunopharmacology** 1985 Feb;9(1):45-52

The role of immunomodulators in the production of lipid mediators by macrophages (M phi). Roubin R, et al. **Int J Tissue React** 1984;6(5):373-8

Lipoxygenase products of arachidonic acid modulate biosynthesis of platelet-activating factor (1-O-alkyl-2-acetyl-sn-glycero-3-phosphocholine) by human neutrophils via phospholipase A2. Billah MM, et al. **J Biol Chem** 1985 Jun 10;260(11):6899-906

1-O-alkyl-2-arachidonoyl-sn-glycero-3-phosphocholine. A common source of platelet-activating factor and arachidonate in human polymorphonuclear leukocytes. Chilton FH, et al. **J Biol Chem** 1984 Oct 10;259(19):12014-9

Biosynthesis of platelet activating factor. Substrate specificity of 1-alkyl-2-lyso-sn-glycero-3-phosphocholine:acetyl-CoA acetyltransferase in rat spleen microsomes. Lee TC. **J Biol Chem** 1985 Sep 15;260(20):10952-5

The molecular species distribution of platelet-activating factor synthesized by rabbit and human neutrophils. Mueller HW, et al. **J Biol Chem** 1984 Dec 10; 259(23):14554-9

Cultured endothelial cells synthesize both platelet-activating factor and prostacyclin in response to histamine, bradykinin, and adenosine triphosphate. McIntyre TM, et al. **J Clin Invest** 1985 Jul;76(1):271-80

Molecular species of platelet-activating factor generated by human neutrophils challenged with ionophore A23187. Oda M, et al. **J Immunol** 1985 Feb;134(2):1090-3

Biosynthesis of platelet-activating factor. VI. Precursor of platelet-activating factor and acetyltransferase activity in isolated rat kidney cells. Pirotzky E, et al. **Lab Invest** 1984 Nov;51(5):567-72

The 5-lipoxygenase products can modulate the synthesis of platelet-activating factor (alkyl-acetyl GPC) in Ca-ionophore A23187-stimulated rat peritoneal macrophages. Saito H, et al. **Prostaglandins Leukotrienes Med** 1985 Jun;18(3):271-86

BLOOD

Platelet activating factor-stimulated formation of inositol triphosphate in platelets and its regulation by various agents including Ca2+, indomethacin, CV-3988, and forskolin. Shukla SD. **Arch Biochem Biophys** 1985 Aug 1; 240(2):674-81

Paf-acether formation and arachidonic acid freeing from platelet ether-linked glyceryl-phosphorylcholine. Chignard M, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):637-43

CHEMICAL SYNTHESIS

Synthetic studies on platelet-activating factor (PAF). Suemune H, et al. **Chem Pharm Bull (Tokyo)** 1985 Mar; 33(3):1055-61

Semi-synthetic preparation of 1-O-[1'-14C]hexadecyl-2-acetyl-sn-glycero-3-phosphoc (platelet activating factor) using plant cell cultures. Weber N, et al. **J Lipid Res** 1985 Apr;26(4):495-500

Facile synthesis of platelet-activating factor and racemic analogues containing unsaturation in the sn-1-alkyl chain. Surles JR, et al. **J Med Chem** 1985 Jan;28(1):73-8

IMMUNOLOGY

Platelet activating factor (Paf-acether) may account for late-onset reactions to allergen inhalation. Page CP, et al. **Agents Actions** 1985 Mar;16(1-2):30-2

Suppression of Paf-acether responses: an anti-inflammatory effect of anti-asthma drugs. Page CP, et al. **Agents Actions** 1985 Mar;16(1-2):33-5

An investigation of the involvement of platelet activating factor in the non-histamine immediate hypersensitivity reaction in the rat peritoneal cavity. Spicer BA, et al. **Agents Actions** 1985 Mar;16(1-2):36

Ultrastructural evidence for extravascular platelet recruitment in the lung upon intravenous injection of platelet-activating factor (PAF-acether) to guinea-pigs. Lellouch-Tubiana A, et al. **Br J Exp Pathol** 1985 Jun; 66(3):345-55

Pharmacology of the late response to allergen and its relevance to asthma prophylaxis. Morley J, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):73-8

ISOLATION & PURIFICATION

Rapid isocratic high-performance liquid chromatographic purification of platelet activating factor (PAF) and lyso-PAF from human skin. Mallet AI, et al. **J Chromatogr** 1984 Jul 13;309(1):160-4

METABOLISM

Specific binding sites for platelet activating factor in human lung tissues. Hwang SB, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):972-9

Binding kinetics of PAF-acether (1-O-alkyl-2-acetyl-sn-glycero-3-phosphocholine) to intact human platelets. Kloprogge E, et al. **Biochem J** 1984 Nov 1;223(3):901-9

Effects of platelet-activating factor on the release of arachidonic acid and prostaglandins by rabbit iris smooth muscle. Inhibition by calcium channel antagonists. Yousufzai SY, et al. **Biochem J** 1985 Jun 15;228(3):697-706

1-O-alkyl-2-acyl-sn-glycero-3-phosphorylcholine is the precursor of platelet-activating factor in stimulated rabbit platelets. Evidence for an alkylacetyl-glycerophosphorylcholine cycle. Touqui L, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):111-8

Characteristics of the binding of platelet-activating factor to platelets of different animal species. Iñarrea P, et al. **Eur J Pharmacol** 1984 Oct 15;105(3-4):309-15

Stimulation of glycogenolysis and platelet-activating factor production by heat-aggregated immunoglobulin G in the perfused rat liver. Buxton DB, et al. **J Biol Chem** 1984 Nov 25;259(22):13758-61

Metabolism of platelet activating factor (1-alkyl-2-acetyl-sn-glycero-3-phosphocholine) by capillary endothelial cells isolated from rat epididymal adipose tissue. Tan EL, et al. **Thromb Res** 1985 Jun 15; 38(6):713-7

[Binding of 1-0-alkyl-2-0-acetyl-sn-glycero-3-phosphocholine (thrombocyte activating factor) by plasma components. Exchange of the thrombocyte activating factor between lipoproteins and thrombocytes] Kulikov VI, et al. **Biokhimiia** 1984 Aug;49(8):1310-5 (Eng. Abstr.) **(Rus)**

[Incorporation of 1-0-alkyl-2-acetyl-sn-glycerol-3-phosphocholine into human plasma lipoproteins in vitro. Effect of the lecithin:cholesterol acyltransferase activity of plasma] Kulikov VI, et al. **Biokhimiia** 1984 Sep;49(9):1449-55 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Effects of platelet-activating factor on coronary hemodynamics and coronary venous plasma levels of TXB2, 6-keto-PGF1 alpha, and leukotriene C4 immunoreactivity in the intact domestic pig heart. Ezra D, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:19-21

Ischemia aggravating effects of platelet-activating factor in acute myocardial ischemia. Leprán I, et al. **Basic Res Cardiol** 1985 Mar-Apr;80(2):135-41

Platelet-activating factor stimulation of peptidoleukotriene release: inhibition by vasoactive polypeptide. Beaubien BB, et al. **Biochem Biophys Res Commun** 1984 Nov 30; 125(1):105-8

Desensitization of human platelets by platelet activating factor. Chesney CM, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):24-30

Activation of NADPH oxidase in human neutrophils. Synergism between fMLP and the neutrophil products PAF and LTB4. Dewald B, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):297-304

Platelet activating factor intravenous infusion in rats stimulates vascular lysosomal hydrolase secretion independent of blood neutrophils. Doebber TW, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):980-7

Possible involvement of cyclooxygenase products in the actions of platelet-activating factor and of lipoxygenase products in the vascular effects of epinephrine in perfused rat liver. Mendlovic F, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):507-14

Unique inhibitory profile of platelet activating factor induced calcium mobilization, polyphosphoinositide turnover and granule enzyme secretion in rabbit neutrophils towards pertussis toxin and phorbol ester. Naccache PH, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):677-84

Acetyl glyceryl ether phosphorylcholine (PAF-acether) and leukotriene B4-mediated neutrophil chemotaxis through an intact endothelial cell monolayer. Hopkins NK, et al. **Biochim Biophys Acta** 1984 Sep 14;805(1):30-6

The influence of PAF on the metabolization of arachidonic acid by human blood platelets. Ostermann G, et al. **Biomed Biochim Acta** 1984;43(8-9):S323-6

PAF-acether-induced release of tissue-type plasminogen activator from vessel walls. Emeis JJ, et al. **Blood** 1985 Jul;66(1):86-91

Triggering by Paf-acether and adrenaline of cyclo-oxygenase-independent platelet aggregation. Fouque F, et al. **Br J Pharmacol** 1984 Nov;83(3):625-33

Unsaturated 1-O-alkyl-2-acetyl-sn-glycero-3-phosphocholines (unsaturated platelet-activating factor): aggregation of human platelets after incubation with indomethacin, creatinephosphate/creatinephosphokinase, xylocain and hirudine, and serotonin release after incubation with indomethacin. Korth R, et al. **Chem Phys Lipids** 1985 Jan; 36(3):209-14

Cyclic blood flow variations induced by platelet-activating factor in stenosed canine coronary arteries despite inhibition of thromboxane synthetase, serotonin receptors, and alpha-adrenergic receptors. Apprill P, et al. **Circulation** 1985 Aug;72(2):397-405

Interactions between thyreostimulin and PAF-acether on thyroid cell metabolism. Haye B, et al. **Eur J Pharmacol** 1984 Sep 3;104(1-2):125-31

Desaggregation of PAF-acether-aggregated platelets by verapamil and TMB-8 with reversal of phosphorylation of 40K and 20K proteins. Khan SN, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):189-98

Synergism between platelet-activating factor (PAF-acether) and prostaglandin E2 in man. McGivern DV, et al. **Eur J Pharmacol** 1984 Jun 15;102(1):183-5

Platelet-activating factor stimulates phospholipase in quiescent Swiss mouse 3T3 fibroblast. Kawaguchi H, et al. **FEBS Lett** 1984 Oct 15;176(1):93-6

Effect of platelet activating factor on endothelial permeability to plasma macromolecules. Handley DA, et al. **Immunopharmacology** 1984 Dec;8(3-4):137-42

Permeability-increasing ability of PAF-acether in rat skin. Gerdin B, et al. **Inflammation** 1985 Mar;9(1):107-12

Aggregating and prostanoid-releasing effects of platelet-activating factor and leukotrienes on human polymorphonuclear leukocytes and platelets. Dahl ML. **Int Arch Allergy Appl Immunol** 1985;76(2):145-50

Pressure effects and uptake of platelet-activating factor in isolated rat lung. Lichey J, et al. **J Appl Physiol** 1984 Oct; 57(4):1039-44

Activation of guinea pig peritoneal macrophages by platelet activating factor (PAF) and its agonists. Hayashi H, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1737-45

Macrophage activation by PAF incorporated into dipalmitoylphosphatidylcholine-cholesterol liposomes. Hayashi H, et al. **J Biochem (Tokyo)** 1985 Apr;97(4):1255-8

Effect of C-reactive protein on platelet-activating factor-induced platelet aggregation and membrane stabilization. Vigo C. **J Biol Chem** 1985 Mar 25; 260(6):3418-22

Alkyl-ether phosphoglycerides influence calcium fluxes into human endothelial cells. Bussolino F, et al. **J Immunol** 1985 Oct;135(4):2748-53

Cutaneous and pulmonary histopathological responses to platelet activating factor (Paf-acether) in the guinea-pig. Dewar A, et al. **J Pathol** 1984 Sep;144(1):25-34

Cardiac, coronary and peripheral vascular effects of acetyl glyceryl ether phosphoryl choline in the anesthetized dog. Sybertz EJ, et al. **J Pharmacol Exp Ther** 1985 Jan; 232(1):156-62

Acetyl glycerylphosphorylcholine aggregates human platelets through two distinct pathways, both dependent on arachidonic acid metabolism. Macconi D, et al. **Lab Invest** 1985 Feb;52(2):159-68

Effect of platelet activating factor (PAF) on blood flow distribution in the spontaneously hypertensive rat. Goldstein BM, et al. **Life Sci** 1984 Sep 24;35(13):1373-8

Human platelet aggregation and release reaction induced by platelet activating factor (PAF-acether)--effects of acetylsalicylic acid and external ionized calcium. Cattaneo M, et al. **Thromb Haemost** 1985 Apr 22;53(2):221-4

Possible participation of adenosine 5'-diphosphate, arachidonic acid and paf-acether in the platelet pro-aggregating effect of uncontrolled insulin-dependent diabetic erythrocytes in vitro. Juhan-Vague I, et al. **Thromb Res** 1985 Apr 1;38(1):83-9

Release of tissue-type plasminogen activator by platelet-activating factor. Klöcking HP, et al. **Thromb Res** 1985 May 15;38(4):413-6

[Histamine release from human leukocytes after treatment with 1-O-alkyl-2-acetyl-sn-glycero-3-phosphocholine (platelet activating factor) and its structural analogs] Orlov SM, et al. **Biokhimiia** 1985 Apr;50(4):680-5 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Response to platelet-activating factor of platelets from patients with multiple sclerosis. Khan SN, et al. **Acta Neurol Scand** 1985 Mar;71(3):212-20

Paf-acether (platelet-activating factor). Benveniste J. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:11-8 (44 ref.)

Pharmacokinetic study of 3H-labelled PAF-acether II. Comparison with 3H-labelled lyso-PAF-acether after intravenous administration in the rabbit and protein binding. Lartigue-Mattei C, et al. **Agents Actions** 1984 Dec; 15(5-6):643-8

The effects of antiallergic and bronchodilator drugs on platelet-activating factor (PAF-acether) induced bronchospasm and platelet aggregation. Lewis AJ, et al. **Agents Actions** 1984 Dec;15(5-6):636-42

Vascular permeability induced by Paf-acether (platelet-activating factor) in the isolated perfused rat kidney. Pirotzky E, et al. **Agents Actions** 1985 Mar; 16(1-2):17-8

Participation of platelets in the physiologic alterations of the AGEPC response and of IgE anaphylaxis in the rabbit. Effects of PGI2 inhibition of platelet function. Halonen M, et al. **Am Rev Respir Dis** 1985 Jan;131(1):11-7

Stimulation of high-affinity hormone-sensitive GTPase of human platelets by 1-O-alkyl-2-O-acetyl-sn-glyceryl-3-phosphocholine (platelet activating factor). Avdonin PV, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):307-13

Platelet activating factor (PAF) involvement in endotoxin-induced hypotension in rats. Studies with PAF-receptor antagonist kadsurenone. Doebber TW, et al. **Biochem Biophys Res Commun** 1985 Mar 29; 127(3):799-808

Desensitization to PAF-induced bronchoconstriction and to activation of alveolar macrophages by repeated inhalations of PAF in the guinea pig. Maridonneau-Parini I, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):42-9

Inhibition of renin secretion by platelet activating factor (acetylglyceryl ether phosphorylcholine) in cultured rat renal juxtaglomerular cells. Pfeilschifter J, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):903-10

Platelet-activating factor promotes arachidonate incorporation into phosphatidylinositol and phosphatidylcholine in neutrophils. Tou J. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):1045-51

Platelet-stimulating and membranolytic properties of racemic PAF-acether and analogues. Ostermann G, et al. **Biomed Biochim Acta** 1985;44(2):K17-23

Inflammatory cell accumulation in response to intracutaneous Paf-acether: a mediator of acute and persistent inflammation? Archer CB, et al. **Br J Dermatol** 1985 Jul; 113 Suppl 28:133-5

A role for Paf-acether (platelet-activating factor) in acute skin inflammation? Pirotzky E, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:91-4

Histamine and leukotriene-independent guinea-pig anaphylactic shock unaccounted for by Paf-acether. Detsouli A, et al. **Br J Pharmacol** 1985 Apr;84(4):801-10

Platelet-activating factor phosphatidate, but not platelet-activating factor, is a powerful calcium ionophore in the human red cell. Bussolino F, et al. **Cell Calcium** 1984 Oct;5(5):463-73

A role for PAF-acether (platelet-activating factor) in platelet-dependent vascular diseases? Benveniste J, et al. **Circulation** 1985 Oct;72(4):713-7 (46 ref.)

Involvement of platelet activating factor in physiological stress in the lizard, Anolis carolinensis. Lenihan DJ, et al. **Comp Biochem Physiol [C]** 1985;81(1):81-6

Acetylcholine-like effects of 1-O-alkyl-2-acetyl-sn-glycero-3-phosphocholine ('platelet-activating factor') and its analogues in exocrine secretory glands. Söling HD, et al. **Eur J Biochem** 1984 Oct 1;144(1):65-72

Effect of disodium chromoglycate on changes in nasal airway resistance induced by platelet activating factor. Karlsson G, et al. **Eur J Clin Pharmacol** 1984;27(3):371-3

Is platelet activating factor (PAF) a mediator of endotoxin shock? Terashita Z, et al. **Eur J Pharmacol** 1985 Feb 26; 109(2):257-61

Role of acetyl glyceryl ether phosphorylcholine in blood pressure regulation in rats. Masugi F, et al. **Hypertension** 1985 Sep-Oct;7(5):742-6

Metabolism of platelet-activating factor in human platelets. Transacylase-mediated synthesis of 1-O-alkyl-2-arachidonoyl-sn-glycero-3-phosphocholine. Kramer RM, et al. **J Biol Chem** 1984 Nov 10; 259(21):13316-20

Inactivation of platelet activating factor by rabbit platelets. Lyso-platelet activating factor as a key intermediate with phosphatidylcholine as the source of arachidonic acid in its conversion to a tetraenoic acylated product. Malone B, et al. **J Biol Chem** 1985 Feb 10;260(3):1531-4

Neutrophil degranulation: evidence pertaining to its mediation by the combined effects of leukotriene B4, platelet-activating factor, and 5-HETE. O'Flaherty JT. **J Cell Physiol** 1985 Feb;122(2):229-39

Effects of acetyl glyceryl ether of phosphorylcholine (platelet activating factor) on ventricular preload, afterload, and contractility in dogs. Kenzora JL, et al. **J Clin Invest** 1984 Oct;74(4):1193-203

Modulation of cytoplasmic calcium in human platelets by the phospholipid platelet-activating factor 1-O-alkyl-2-acetyl-SN-glycero-3-phosphorylcholine.

Valone FH, et al. **J Immunol** 1985 Feb;134(2):1120-4

Action of platelet-activating factor on type 1 diabetic human platelets. Greco NJ, et al. **J Lab Clin Med** 1985 Apr; 105(4):410-6

Amplification of primary response of human platelets to platelet-activating factor: aspirin-sensitive and aspirin-insensitive pathways. Lauri D, et al. **J Lab Clin Med** 1985 Jun;105(6):653-8

Structure-activity relationship in PAF-acether. 2. rac-1-O-Octadecyl-2-O-acetyl-3-O-[gamma-(dimethyla . Heymans F, et al. **J Med Chem** 1985 Aug;28(8):1094-6

Analogues of platelet activating factor. 3. Replacement of the phosphate moiety with a sulfonylbismethylene group. Wissner A, et al. **J Med Chem** 1985 Sep;28(9):1365-7

Involvement of platelet activating factor in respiratory anaphylaxis, demonstrated by PAF-acether inhibitor BN 52021 [letter] Braquet P, et al. **Lancet** 1985 Jun 29; 1(8444):1501

PAF and airway hyperreactivity [letter] Morley J, et al. **Lancet** 1985 Aug 24;2(8452):451

Hypotensive mechanism of acetyl glyceryl ether phosphorylcholine (AGEPC) in dogs. Effects on hemodynamics and humoral factors. Otsuka A, et al. **Prostaglandins Leukotrienes Med** 1985 Jul;19(1):25-35

PAF-acether may not mediate the third pathway of platelet aggregation since self-desensitization reduces the effects of low thrombin but enhances those of convulxin. Wal F, et al. **Thromb Haemost** 1985 Feb 18;53(1):99-104

Aggregation of bovine platelets by acetyl glyceryl ether phosphorylcholine (platelet activating factor). Liggitt HD, et al. **Vet Immunol Immunopathol** 1984 Aug;7(1):81-7

Functional and biochemical characterization of immunologically derived equine platelet-activating factor. Wimberly HC, et al. **Vet Pathol** 1985 Jul;22(4):375-86

[A bioregulator of lipid nature--a platelet activating factor (PAF)] Gordeev KIu, et al. **Bioorg Khim** 1984 Dec; 10(12):1589-605 (74 ref.) (Eng. Abstr.) **(Rus)**

TOXICITY

Effects of serum albumin, indomethacin and histamine H1-antagonists on Paf-acether-induced inflammatory responses in the skin of experimental animals and man. Archer CB, et al. **Br J Pharmacol** 1985 May;85(1):109-13

Pathophysiological mechanisms of sudden death induced by platelet activating factor. Lefer AM, et al. **Br J Pharmacol** 1984 Sep;83(1):125-30

A pharmacologic analysis of the action of platelet-activating factor in the induction of hindpaw edema in the rat. Goldenberg MM, et al. **Prostaglandins** 1984 Aug; 28(2):271-8

PLATELET ADHESIVENESS

Platelet adhesion determination in whole blood using a simple stagnation flow method. Berkovitch Y, et al. **Ann Biomed Eng** 1984;12(4):335-46

Evaluation of the thrombogenicity of selected microporous oxygenator membranes. Knight PM, et al. **Artif Organs** 1985 Feb;9(1):28-36

Role of blood cell-wall interactions in thrombogenesis and atherogenesis: a microrheological study. Karino T, et al. **Biorheology** 1984;21(4):587-601

Model experiments on platelet adhesion in stagnation point flow. Wurzinger LJ, et al. **Biorheology** 1984;21(4):649-59

Fibronectin in artery subendothelium is important for platelet adhesion. Houdijk WP, et al. **Blood** 1985 Mar;65(3):598-604

Von Willebrand factor in the vessel wall mediates platelet adherence. Stel HV, et al. **Blood** 1985 Jan;65(1):85-90

Factor VIII/von Willebrand factor in subendothelium mediates platelet adhesion. Turitto VT, et al. **Blood** 1985 Apr;65(4):823-31

Cigarette smoking and platelet adhesion. Pittilo RM, et al. **Br J Haematol** 1984 Dec;58(4):627-32

A study of platelet aggregation and adhesion in gout. Macfarlane DG, et al. **Clin Exp Rheumatol** 1983 Jan-Mar; 1(1):63-6

Platelet deposition on and calcification of bovine pericardial valve. Dewanjee MK, et al. **Eur Heart J** 1984 Oct;5 Suppl D:1-5

The early platelet uptake and distribution of platelets in small-diameter polytetrafluoroethylene (PTFE) vascular grafts in vivo. Christenson JT, et al. **Eur J Nucl Med** 1985; 10(3-4):160-4

Adhesion of platelets to laminin in the absence of activation. Ill CR, et al. **J Cell Biol** 1984 Dec;99(6):2140-5

Platelet interaction with rabbit subendothelium in von Willebrand's disease: altered thrombus formation distinct from defective platelet adhesion. Turitto VT, et al. **J Clin Invest** 1984 Nov;74(5):1730-41

Degradation of sulfated proteoglycans in the subendothelial extracellular matrix by human platelet heparitinase. Yahalom J, et al. **J Clin Invest** 1984 Nov;74(5):1842-9

Platelet function in Behçet's disease. Haim S, et al. **J Dermatol (Tokyo)** 1984 Apr;11(2):117-20

Human platelet adhesion to subendothelium under controlled hemodynamic conditions: a methodological approach. Dejana E, et al. **Methods Find Exp Clin Pharmacol** 1985 Mar;7(3):153-9

Platelet adhesion. Packham MA, et al. **Prog Hemost Thromb** 1984;7:211-88 (585 ref.)

Association between bleeding time and platelet adherence to artery subendothelium. Sakariassen KS, et al. **Thromb Haemost** 1984 Oct 31;52(2):144-7

Platelet attachment and spreading on polystyrene surfaces: dependence on fibronectin and plasma concentration. Grinnell F, et al. **Thromb Res** 1985 Jul 15;39(2):165-71

Thrombogenetic studies of bioprosthetic heart valve surfaces. I. In vitro platelet adhesion in a static system. Hum OS, et al. **Thromb Res** 1985 Apr 15;38(2):163-72

Plasma beta-thromboglobulin is correlated with platelet adhesiveness to bovine endothelium in patients with diabetes mellitus. Rosove MH, et al. **Thromb Res** 1985 Jan 15;37(2):251-8

Appearance of platelet-clumping activity in heparinized plasma after acidification--it's mainly due to aggregation of fibrinogen. Yamamoto N, et al. **Thromb Res** 1984 Oct 15;36(2):103-12

Platelet dysfunction and its life span in uremia. Tanaka H, et al. **Trans Am Soc Artif Intern Organs** 1984;30:207-10

[Pathogenesis of diabetic retinopathy--observation on platelet adhesiveness and aggregation] Zhu ZR. **Chung Hua Yen Ko Tsa Chih** 1984 Jan;20(1):38-40 **(Chi)**

[Platelet release reactions: progress of research and clinical implications] Matsuda T. **Nippon Rinsho** 1985 May; 43(5):1065-72 (30 ref.) **(Jpn)**

[Function and coagulative activity of blood platelets in patients with attacks of transient cerebral ischemia] Dmoszyńska-Giannopoulou A. **Pol Tyg Lek** 1984 Nov 26; 39(48):1569-71 (Eng. Abstr.) **(Pol)**

[Determination of thrombocyte adhesiveness (retention) using glass beads] Smolianitskil AIa, et al. **Lab Delo** 1985; (2):90-3 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

The effect of sulfinpyrazone on platelet deposition on Dacron vascular grafts in man. Stratton JR, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):453-7

Thrombin increases the adhesion of washed human platelets to collagen. Sinigaglia F, et al. **Br J Haematol** 1985 Apr; 59(4):587-92

Status of platelet functions in volunteers of various blood groups: effect of aspirin. Sudhir S, et al. **Indian J Physiol Pharmacol** 1984 Apr-Jun;28(2):137-40

Drug effects on platelet deposition after endothelial injury of the rabbit aorta. Plate G, et al. **J Surg Res** 1985 Sep; 39(3):258-66

High-dose intravenous gammaglobulin [letter] Atrah HI, et al. **Lancet** 1985 Apr 13;1(8433):876

Platelet accumulation on collagen: drugs which inhibit arachidonic acid metabolism and affect intracellular cyclic AMP levels. Adams GA, et al. **Thromb Haemost** 1984 Aug 31;52(1):45-9

Effect of ticlopidine on platelet aggregation, adherence to damaged vessels, thrombus formation and platelet survival. Cattaneo M, et al. **Thromb Res** 1985 Jan 1;37(1):29-43

Inhibition of platelet adhesion to aortic subendothelium by indomethacin--an effect unrelated to inhibition of arachidonic acid metabolism. Menys VC, et al. **Thromb Res** 1985 Jan 1;37(1):225-9

Inhibition of thrombin-induced platelet adherence to vascular cells by synthetic thrombin inhibitor No. 805. Czervionke RL, et al. **Trans Assoc Am Physicians** 1983; 96:271-7

[Platelet activity in patients with ischemia of the lower limbs treated with acenocoumarol] Kowal-Gierczak B, et al. **Pol Tyg Lek** 1984 Oct 29;39(44):1445-6 (Eng. Abstr.) **(Pol)**

[Thrombocyte adhesion and aggregation on surfaces coated with human type-I, -III, -IV and -V collagens] Misselwitz F, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):359-64 (Eng. Abstr.) **(Rus)**

[Acetylsalicylic acid and thrombocyte function] Shabalov NP, et al. **Pediatriia** 1984 Sep;(9):29-30 (Eng. Abstr.) **(Rus)**

PLATELET AGGREGATION

Platelet trapping and haemodynamics in unilateral and bilateral experimental pulmonary macroembolism. Almdahl SM, et al. **Acta Chir Scand** 1984;150(5):361-5

Increased platelet aggregation in psoriasis. Hayashi S, et al. **Acta Derm Venereol (Stockh)** 1985;65(3):258-62

Platelet aggregation defect in megakaryoblastic leukemia. Berrebi A, et al. **Acta Haematol (Basel)** 1984;72(2):90-3

Platelet aggregation and thromboxane B2 formation after ethanol abuse: is there a relationship to stroke? Hillbom ME, et al. **Acta Neurol Scand** 1984 Dec;70(6):432-7

Platelet alpha-adrenergic receptors in depression: ligand binding and aggregation studies. Wood K, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:203-11

Platelet aggregation in dogs after live-virus vaccination. Jones BE. **Acta Vet Scand** 1984;25(4):504-9

Thromboxane- and ADP-independent aggregation and exposure of fibrinogen receptors on platelets from patients with familial hypercholesterolemia. Cerbone AM, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:231-3

Mechanisms contributing to precipitation of unstable angina and acute myocardial infarction: implications regarding therapy. Epstein SE, et al. **Am J Cardiol** 1984 Dec 1; 54(10):1245-52 (79 ref.)

The evaluation of factor VIII antigen by means of a simple slide test. Casonato A, et al. **Am J Clin Pathol** 1985 Jul; 84(1):107-11

Pseudothrombocytopenia masking true thrombocytopenia. Forscher CA, et al. **Am J Hematol** 1985 Mar;18(3):313-7

Role of arachidonic acid metabolism in human platelet activation and irreversible aggregation. Rao GH, et al. **Am J Hematol** 1985 Aug;19(4):339-47

Ventricular thrombus and hyperaggregable platelets [letter] Billings P. **Am J Med Sci** 1985 Jun;289(6):223

Left ventricular thrombus with normal left ventricular function and hyperaggregable platelets in a patient with polycystic disease of multiple organs. Schmaier AH, et al. **Am J Med Sci** 1984 Dec;288(5):223-7

Role of myosin phosphorylation in contractility of a platelet aggregate. Bromberg ME, et al. **Am J Physiol** 1985 Sep; 249(3 Pt 1):C297-303

The platelet strip. II. Pharmacomechanical coupling in thrombin-activated human platelets. Salganicoff L, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):C288-96

The platelet strip. I. A low-fibrin contractile model of thrombin-activated platelets. Salganicoff L, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):C279-87

Normal standards of in vitro induced platelet aggregation. Yip WC, et al. **Ann Acad Med Singapore** 1984 Jul; 13(3):515-20

The detection of a platelet-agglutinating factor in thrombotic thrombocytopenic purpura. Kelton JG, et al. **Ann Intern Med** 1984 Nov;101(5):589-93

Decreased platelet aggregation but increased thromboxane A2 generation in polycythemia vera. Mehta P, et al. **Arch Intern Med** 1985 Jul;145(7):1225-7

Increased concentration of high density lipoprotein in plasma and decreased platelet aggregation in primary biliary cirrhosis. Baruch Y, et al. **Atherosclerosis** 1984 Nov; 53(2):151-62

Relationship between platelet aggregation and plasma beta-thromboglobulin levels in arterio-vascular and renal diseases. Kubisz P, et al. **Atherosclerosis** 1985 Jun; 55(3):363-8

Platelet depletion in experimental myocardial infarction. Jolly SR, et al. **Basic Res Cardiol** 1985 May-Jun;80(3):269-79

Vasodilatation mediated by the coronary endothelium in response to aggregating platelets. Cohen RA, et al. **Bibl Cardiol** 1984;(38):35-42

Antibodies against a 23Kd heparin binding fragment of thrombospondin inhibit platelet aggregation. Gartner TK, et al. **Biochem Biophys Res Commun** 1984 Oct 15; 124(1):290-5

Irreversible platelet aggregation does not depend on lipoxygenase metabolites. Rao GH, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):50-7

Inhibition by dihydropyridine class calcium channel blockers of tumor cell-platelet-endothelial cell interactions in vitro and metastasis in vivo. Honn KV, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):235-41

Effects of common carotid artery damage on anti-platelet-aggregability and PGI2 production in rats. Suzuki H, et al. **Biochem Pharmacol** 1985 Jun 15; 34(12):2097-101

Characterization of the platelet agglutinating activity of thrombospondin. Haverstick DM, et al. **Biochemistry** 1985 Jun 18;24(13):3128-34

Endogenous platelet serotonin release monitored during aggregation by means of a new electrochemical technique. Marcenac F, et al. **Biochim Biophys Acta** 1985 Jul 5; 840(3):377-82

Changes in the distribution of platelet membrane proteins revealed by energy transfer. Steiner M. **Biochim Biophys Acta** 1984 Sep 14;805(1):53-8

Presence of calmodulin in human platelet cytoskeletons and its concentration change upon activation of platelets. Yoshida K, et al. **Biochim Biophys Acta** 1984 Sep 28; 801(2):290-7

Platelet prostanoids in interaction of platelets with collagen substrates. I. Activation of platelets by surfaces coated with different types of human collagen. Leytin VL, et al. **Biomed Biochim Acta** 1984;43(8-9):S331-4

Influence of a cod liver oil diet in diabetics type I on fatty acid patterns and platelet aggregation. Schimke E, et al. **Biomed Biochim Acta** 1984;43(8-9):S351-3

Platelet agonist synergism by the acute phase reactant C-reactive protein. Fiedel BA. **Blood** 1985 Feb;65(2):264-9

A monoclonal anti-human platelet antibody: a new platelet aggregating substance. Higashihara M, et al. **Blood** 1985 Feb;65(2):382-91

Potentiation by red blood cells of shear-induced platelet aggregation: relative importance of chemical and physical mechanisms. Reimers RC, et al. **Blood** 1984 Dec; 64(6):1200-6

Biochemical and functional consequences of dissociation of the platelet membrane glycoprotein IIb-IIIa complex. Shattil SJ, et al. **Blood** 1985 Jul;66(1):92-8

Platelet aggregation occurs in congenital afibrinogenaemia despite the absence of fibrinogen or its fragments in plasma and platelets, as demonstrated by immunoenzymology. Soria J, et al. **Br J Haematol** 1985 Jul;60(3):503-14

Platelets and coronary disease [letter] Meade TW. **Br Med J [Clin Res]** 1985 Mar 23;290(6472):933-4

Epidemiological characteristics of platelet aggregability. Meade TW, et al. **Br Med J [Clin Res]** 1985 Feb 9; 290(6466):428-32

Platelet aggregation before and after hemodialysis in chronic renal insufficiency. Kageyama T, et al. **Bull Osaka Med Sch** 1983 Oct;29(2):62-8

Failure of percutaneous transluminal coronary angioplasty to stimulate platelet and prostaglandin activity. Stine RA, et al. **Cathet Cardiovasc Diagn** 1985;11(3):247–54

Correlation between migraine and circulating platelet aggregates. Buttinelli C, et al. **Cephalalgia** 1985 May;5 Suppl 2:87–8

Platelet function in childhood migraine. Carrieri P, et al. **Cephalalgia** 1985 May;5 Suppl 2:99–101

Platelet aggregability, disaggregability and serotonin uptake in migraine. Kruglak L, et al. **Cephalalgia** 1984 Dec; 4(4):221–5

Platelets, endothelium, and vasospasm. Vanhoutte PM, et al. **Circulation** 1985 Oct;72(4):728–34

A study of platelet aggregation and adhesion in gout. Macfarlane DG, et al. **Clin Exp Rheumatol** 1983 Jan–Mar; 1(1):63–6

Platelet aggregometry on whole blood: the use of the ELT 8/ds blood cell counter in the investigation of bleeding disorders. Cheeseman JE, et al. **Clin Lab Haematol** 1984; 6(3):265–72

Understanding focal glomerular sclerosis [letter] Wardle EN. **Clin Nephrol** 1984 Oct;22(4):215–6

Near-normal glycaemic control does not correct abnormal platelet reactivity in diabetes mellitus. Jackson CA, et al. **Clin Sci** 1984 Nov;67(5):551–5

Circulating platelet aggregates. A contributing factor to hemodialysis hypoxemia? Knudsen F, et al. **Contrib Nephrol** 1984;41:367–70

Reticuloendothelial function in the clearance of microaggregates following trauma. Rogers FB, et al. **Curr Surg** 1985 Jul–Aug;42(4):292–5

Increased platelet sensitivity and thromboxane B2 formation in type-II hyperlipoproteinaemic patients. Tremoli E, et al. **Eur J Clin Invest** 1984 Oct;14(5):329–33

Platelet hyperfunction in patients with chronic airways obstruction. Cordova C, et al. **Eur J Respir Dis** 1985 Jan; 66(1):9–12

What's provoking different aggregation between arterial and venous platelets in the rat? Doni MG, et al. **Haemostasis** 1984;14(6):495–500

Ultrasonic detection of platelet aggregation at variable shear rates. Machi J, et al. **Haemostasis** 1984;14(6):473–9

Effect of latex-stimulated granulocytes on platelet aggregation in man. Zoucas E, et al. **Haemostasis** 1985; 15(3):176–81

The influence of plasma free fatty acids and cholesterol on the aggregation of blood platelets in migraine patients. Kozubski W, et al. **Headache** 1985 Jun;25(4):199–203

Platelet-aggregating activities of metastasizing tumor cells. III. Platelet aggregation as resulting from thrombin generation by tumor cells. Tohgo A, et al. **Invasion Metastasis** 1985;5(2):96–105

Platelet-aggregating activities of metastasizing tumor cells. II. Variety of the aggregation mechanisms. Tohgo A, et al. **Invasion Metastasis** 1984;4(3):134–45

Increased platelet aggregation following splenectomy in patients with myeloproliferative disease. Aviram M, et al. **Isr J Med Sci** 1985 May;21(5):415–7

Hypoalbuminemia-related platelet hypersensitivity in two dogs with nephrotic syndrome. Green RA, et al. **J Am Vet Med Assoc** 1985 Mar 1;186(5):485–8

Identification of two proteins (actin-binding protein and P235) that are hydrolyzed by endogenous Ca2+-dependent protease during platelet aggregation. Fox JE, et al. **J Biol Chem** 1985 Jan 25;260(2):1060–6

Specific binding of blood coagulation factor XIIIa to thrombin-stimulated platelets. Greenberg CS, et al. **J Biol Chem** 1984 Dec 10;259(23):14721–7

Changes in the platelet membrane glycoprotein IIb.IIIa complex during platelet activation. Shattil SJ, et al. **J Biol Chem** 1985 Sep 15;260(20):11107–14

Platelet depletion and infarct size in an occlusion-reperfusion model of myocardial ischemia in anesthetized dogs. Mullane KM, et al. **J Cardiovasc Pharmacol** 1985 Jul–Aug; 7(4):733–8

Platelet-collagen adhesion: evidence for participation of antigenically distinct entities. Shadle PJ, et al. **J Cell Biol** 1984 Dec;99(6):2048–55

A platelet alpha-granule membrane protein (GMP-140) is expressed on the plasma membrane after activation. Stenberg PE, et al. **J Cell Biol** 1985 Sep;101(3):880–6

Reciprocal transmembranous receptor-cytoskeleton interactions in concanavalin A-activated platelets. Wheeler ME, et al. **J Cell Biol** 1985 Sep;101(3):993–1000

Role of thrombospondin in platelet aggregation. Leung LL. **J Clin Invest** 1984 Nov;74(5):1764–72

Human platelets aggregate during antigen-antibody reactions at different antigen-antibody ratios. Battersby B, et al. **J Clin Lab Immunol** 1984 Oct;15(2):57–61

Aggregation of platelets by Fusobacterium necrophorum. Forrester LJ, et al. **J Clin Microbiol** 1985 Aug;22(2):245–9

The platelet defect in acute myeloid leukaemia. Woodcock BE, et al. **J Clin Pathol** 1984 Dec;37(12):1339–42

Platelet function in Behçet's disease. Haim S, et al. **J Dermatol (Tokyo)** 1984 Apr;11(2):117–20

Platelet aggregation abnormalities in arterial occlusive diseases (AOD). Benner KU, et al. **J Med** 1984;15(1):23–34

Thromboxane-B2 generation during ex-vivo platelet aggregation. De Caterina R, et al. **J Nucl Med Allied Sci** 1984 Jul–Sep;28(3):185–96

Automated platelet aggregation analysis using a digitizer. Kohler CA, et al. **J Pharmacol Methods** 1984 Sep; 12(2):113–23

An ultrastructural study of the contact between type I collagen assemblies and the induced human platelet aggregates. Ruggiero F, et al. **J Submicrosc Cytol** 1985 Jan;17(1):11–9

Reduced platelet activation and improved hemostasis after controlled cardiotomy suction during clinical membrane oxygenator perfusions. Boonstra PW, et al. **J Thorac Cardiovasc Surg** 1985 Jun;89(6):900–6

Pulmonary trapping of platelets and fibrin after musculoskeletal trauma: an experimental model. Jansson I, et al. **J Trauma** 1985 Apr;25(4):288–98

Temporal peak intensity as a critical parameter in ultrasound dosimetry. Barnett SB, et al. **J Ultrasound Med** 1984 Sep; 3(9):385–9

Plasma concentrations of 6-keto-prostaglandin F1 alpha, thromboxane B2 and platelet aggregation in patients with essential hypertension. Chen LS, et al. **Jpn Heart J** 1984 Nov;25(6):1001–9

Pre-eclampsia and prostaglandins [letter] **Lancet** 1985 Jun 1;1(8440):1267–8

Spontaneous platelet aggregation in whole blood: dependence on age and haematocrit [letter] Burgess-Wilson ME, et al. **Lancet** 1984 Nov 24;2(8413):1213

Similarity between platelet and blood-vessel reactivity [letter] Cowley AJ, et al. **Lancet** 1985 Jul 20;2(8447):154–5

Platelets and asthma [letter] Gresele P, et al. **Lancet** 1985 Feb 9;1(8424):347

Haematocrit and platelet aggregation [letter] Harrison MJ, et al. **Lancet** 1984 Oct 27;2(8409):991–2

Platelet aggregation, haematocrit, and fibrinogen [letter] Lowe GD, et al. **Lancet** 1985 Feb 16;1(8425):395–6

Platelets and asthma [letter] Page CP, et al. **Lancet** 1985 Feb 9;1(8424):346–7

The kinetics of platelet aggregation induced by fluid-shearing stress. Belval T, et al. **Microvasc Res** 1984 Nov;28(3):279–88

Diacylglycerol in large alpha-actinin/actin complexes and in the cytoskeleton of activated platelets. Burn P, et al. **Nature** 1985 Apr 4–10;314(6010):469–72

Inhibition of platelet function by uremic middle molecules. Bazilinski N, et al. **Nephron** 1985;40(4):423–8

Platelet function and its disorders--some aspects from the arachidonic acid metabolism. Okuma M. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec;47(8):1542–55

Changes in size distribution curve on the process of platelet aggregation induced by various agents. Maeda H, et al. **Osaka City Med J** 1984 Dec;30(2):79–90

Aggregation, membrane potential, and transport in platelets of spontaneously hypertensive rats. Kravtsov GM, et al. **Pflugers Arch** 1984 Nov;402(3):330–6

A monoclonal antibody against human thrombospondin inhibits platelet aggregation. Dixit VM, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3472–6

Thrombospondin plays a role in platelet-platelet recognition during release-related aggregation. Agam G, et al. **Proc Soc Exp Biol Med** 1984 Dec;177(3):482–6

Measurement by electrical impedance aggregometry of porcine platelets response to selected physiological agonists. Gewirtz H, et al. **Proc Soc Exp Biol Med** 1985 Jul;179(3):324–30

Effect of dietary protein level on platelet aggregation in rat. Morita I, et al. **Prostaglandins Leukotrienes Med** 1985 May; 18(2):143–9

Prostaglandin formation and platelet aggregation during fasting and linoleic acid intake. Adam O, et al. **Res Exp Med (Berl)** 1985;185(2):169–72

Platelet aggregation in variant angina: its relation to plasma catecholamines. Takahara K, et al. **Sangyo Ika Daigaku Zasshi** 1984 Dec 1;6(4):369–76

The Bernard-Soulier platelet: II. A comparative study of changes in platelet morphology and cytoskeletal architecture following contact activation. Mattson JC, et al. **Scan Electron Microsc** 1984;(Pt 4):1941–50

Platelets and antithrombin III in uraemia: the acute effect of haemodialysis. Knudsen F, et al. **Scand J Clin Lab Invest** 1985 Jun;45(4):341–7

Platelet aggregation and release of ATP in patients with hepatic cirrhosis. Ingeberg S, et al. **Scand J Gastroenterol** 1985 Apr;20(3):285–8

Surface morphology of human platelets during in vitro aggregation. Zilla P, et al. **Scand J Haematol** 1984 Nov; 33(5):440–7

New aspects of the behavior of irreversibly aggregated platelets. Salganicoff L, et al. **Semin Hematol** 1985 Apr; 22(2):135–50

Cerebrovascular injuries induced by activation of platelets in vivo. Fujimoto T, et al. **Stroke** 1985 Mar–Apr; 16(2):245–50

Studies on platelet aggregation in primary IgA glomerulonephritis. Chen WY, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Mar;84(3):323–30

Studies of platelet hyperactivity in patients with ischemic cerebrovascular diseases. I. Changes of platelet aggregation--emphasis on hypoaggregation in vitro secondary to hyperactivation in vivo. Chen YC, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Mar;84(3):339–47

Studies of platelet hyperactivity in patients with ischemic cerebrovascular diseases. II. Circulating platelet aggregates following cerebral stroke. Lee TK, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Apr;84(4):462–7

Platelet activation in psoriasis. Berrettini M, et al. **Thromb Haemost** 1985 Apr 22;53(2):195–7

Reduced platelet aggregation induced by epinephrine and idiopathic thrombocytopenic purpura in hereditary haemorrhagic teleangiectasia [letter] Endo Y, et al. **Thromb Haemost** 1984 Dec 29;52(3):369

Agglutination of formalin-fixed, platelet-type von Willebrand's disease platelets by human von Willebrand factor. Takahashi H, et al. **Thromb Haemost** 1984 Dec 29; 52(3):267–70

Methods in dose response platelet aggregometry. Thompson SG, et al. **Thromb Haemost** 1985 Apr 22;53(2):216–8

Sources of variability in dose response platelet aggregometry. Vickers MV, et al. **Thromb Haemost** 1985 Apr 22; 53(2):219–20

Abnormalities of epinephrine-induced platelet aggregation and adenine nucleotides in myeloproliferative disorders. Yamamoto K, et al. **Thromb Haemost** 1984 Dec 29; 52(3):292–6

Fibrinogen fragment D is a recognition site for release-related platelet aggregation. Agam G, et al. **Thromb Res** 1985 Mar 15;37(6):629–38

Pregnancy induces increased platelet responsiveness in the non-human primate. Clemmons RM, et al. **Thromb Res** 1984 Oct 1;36(1):73–7

An assessment of whole blood impedance aggregometry using blood from normal subjects and haemodialysis patients. Gordge MP, et al. **Thromb Res** 1984 Oct 1; 36(1):17–27

Possible participation of adenosine 5'-diphosphate, arachidonic acid and paf-acether in the platelet pro-aggregating effect of uncontrolled insulin-dependent diabetic erythrocytes in vitro. Juhan-Vague I, et al. **Thromb Res** 1985 Apr 1;38(1):83–9

Role of red cells in preventing the growth of platelet aggregation. Machi J, et al. **Thromb Res** 1984 Oct 1; 36(1):53–66

The effect of arachidonic acid metabolism on intravascular platelet aggregation in rats. Mallarkey G, et al. **Thromb Res** 1984 Oct 15;36(2):91–102

The effect of antibodies to human platelet membrane and cytoplasmic myosins on myosin ATPase activity and platelet aggregation. Peleg I, et al. **Thromb Res** 1985 Jun 1;38(5):567–76

Further studies on the role of red blood cells in spontaneous platelet aggregation. Saniabadi AR, et al. **Thromb Res** 1985 May 1;38(3):225–32

Differences in platelet aggregation kinetics in normal and hyperlipidemic rabbits. Suehiro A, et al. **Thromb Res** 1985 Jul 15;39(2):195–202

A method of testing platelet aggregation in native whole blood. Zwierzina WD, et al. **Thromb Res** 1985 Apr 1; 38(1):91–100

Effect of prostaglandin synthetase inhibitors on platelet aggregation and thromboxane production in diabetes mellitus. Watanabe J, et al. **Tohoku J Exp Med** 1984 Oct; 144(2):143–50

Platelet dysfunction and its life span in uremia. Tanaka H, et al. **Trans Am Soc Artif Intern Organs** 1984;30:207–10

The effect of temperature and mode of agitation on the resuspension of platelets during preparation of platelet concentrates. Welch M, et al. **Transfusion** 1985 May–Jun; 25(3):283–5

Thrombocyte aggregates in renal allografts. Analysis with fine-needle aspiration biopsy and monoclonal antithrombocyte antibodies. von Willebrand E, et al. **Transplantation** 1985 Mar;39(3):258–62

Changes in thromboxane formation by platelets during and after a continuous endotoxin infusion into rabbits. Ditter H, et al. **Vasa** 1984;13(4):327–32

Circulating platelet aggregates in patients with coronary heart disease and lower limb ischaemia. Popadić M, et al. **Vasa** 1985;14(1):35–7

On the involvement of platelets in atherogenesis: some ultrastructural features. Weber G, et al. **Vasa** 1984; 13(4):319–26

Aggregation of bovine platelets by acetyl glyceryl ether phosphorylcholine (platelet activating factor). Liggitt HD, et al. **Vet Immunol Immunopathol** 1984 Aug;7(1):81–7

Nephrotic syndrome: a platelet hyperaggregability state. Rasedee A, et al. **Vet Res Commun** 1985 Jul;9(3):199–211 (70 ref.)

The role of the platelets. Born GV. **Z Kardiol** 1984;73 Suppl 2:29–31

[Electron microscopic observation on platelet microaggregation in dogs during septic shock] Wang FX. **Chung Hua I Hsueh Tsa Chih** 1984 Jun;64(6):380–2 **(Chi)**

[Clinical significance of determining circulatory platelet aggregates in thrombotic diseases] Zhang GZ. **Chung Hua I Hsueh Tsa Chih** 1984 Jul;64(7):417–9 (Eng. Abstr.) **(Chi)**

[Assessment of platelet aggregation in 93 patients with coronary heart disease] Yu GR, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Jan;24(1):10–2, 61 (Eng. Abstr.) **(Chi)**

[Pathogenesis of diabetic retinopathy--observation on platelet adhesiveness and aggregation] Zhu ZR. **Chung Hua Yen Ko Tsa Chih** 1984 Jan;20(1):38–40 **(Chi)**

[Platelet alpha2-adrenergic receptors in essential hypertension. Number of binding sites, cyclic adenosine monophosphate and platelet aggregation] Přikryl P, et al. **Vnitr Lek** 1985 Aug;31(8):749–55 (Eng. Abstr.) **(Cze)**

[Microaggregate-poor blood used as leukocyte-poor blood]

Skottun T, et al. **Ugeskr Laeger** 1984 Sep 10;146(37):2780-1 (Eng. Abstr.) **(Dan)**

[Platelet aggregation in nephroses in children] Keddari M, et al. **Ann Pediatr (Paris)** 1985 Feb;32(2):101-7 (Eng. Abstr.) **(Fre)**

[Major thrombopenia during heparin therapy. Phenomenon of intravascular blood platelet aggregation (letter)] Douste-Blazy P, et al. **Arch Mal Coeur** 1984 Dec; 77(13):1561-2 **(Fre)**

[Paris-I-Lariboisière variant thrombasthenia. Functional disorder of human platelet aggregation, glycoprotein-independent] Caen JP. **C R Acad Sci [III]** 1985;300(10):417-9 (Eng. Abstr.) **(Fre)**

[Circulating platelet aggregates in patients with acute ischemic and so-called chronic cerebrovascular disorders] Grotemeyer KH, et al. **Dtsch Med Wochenschr** 1985 Feb 15;110(7):256-8 (Eng. Abstr.) **(Ger)**

[Preoperative detection of the postoperative risk thromboembolism. Results of a prospective study. IV. Thrombocyte parameters] Mindner K, et al. **Folia Haematol (Leipz)** 1984;111(4):505-10 (Eng. Abstr.) **(Ger)**

[Effect of 24-day exercise therapy on induced thrombocyte aggregation in peripheral arterial occlusive disease in Fontaine stage II] Siostrzonek P, et al. **Wien Klin Wochenschr** 1985 Jan 18;97(2):76-83 (Eng. Abstr.) **(Ger)**

[Prostacyclin sensitivity of thrombocytes and prostacyclin-like activity in the umbilical cord] Briel RC, et al. **Z Geburtshilfe Perinatol** 1984 Nov-Dec;188(6):275-8 (Eng. Abstr.) **(Ger)**

[Platelet activation in thrombotic and prethrombotic venous pathology] Taddeo U, et al. **Minerva Cardioangiol** 1985 May;33(5):273-7 (Eng. Abstr.) **(Ita)**

[Evaluation of pressure and mechanical effects on the aggregation of human platelets induced by adenosine diphosphate in a system simulating a dialysis circuit] Liani M, et al. **Quad Sclavo Diagn** 1984 Jun;20(2):187-92 (Eng. Abstr.) **(Ita)**

[Platelet hyperaggregation and the HDL-LDL ratio of the serum] Passamonti B, et al. **Quad Sclavo Diagn** 1984 Mar; 20(1):72-8 (Eng. Abstr.) **(Ita)**

The influence exercised by various temperatures on platelet aggregation in vitro] Rossi M, et al. **Quad Sclavo Diagn** 1984 Mar;20(1):39-47 (Eng. Abstr.) **(Ita)**

Cancer blood-borne metastasis and platelets] Tanaka K, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2453-9 (Eng. Abstr.) **(Jpn)**

Changes of platelet aggregation, serum thromboxane and prostacyclin in lung cancer and pulmonary metastatic patients following operation] Takeda H, et al. **Kyobu Geka** 1984 Sep;37(10):773-7 (Eng. Abstr.) **(Jpn)**

Studies on platelet function in congenital afibrinogenemia--platelet aggregation and ATP release] Matsuno K, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Aug; 47(5):1171-80 (Eng. Abstr.) **(Jpn)**

Antithrombogenic therapy based on the study of the changes in platelet aggregability and blood coagulability in the early period after prosthetic valve replacement] Takayama T. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Jan;33(1):14-24 (Eng. Abstr.) **(Jpn)**

hymic humoral factor produced by a thymic epithelial culture] Mizuno Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Jan;23(1):17-23 (Eng. Abstr.) **(Jpn)**

n epidemiological study on dietary ingestion of eicosapentaenoic acid (EPA) and platelet function in Japanese] Hirai A. **Nippon Naika Gakkai Zasshi** 1985 Jan; 74(1):13-20 **(Jpn)**

lemodynamic responses, platelet functions, prostaglandin activities and catecholamine release during angina induced by stress testing--the comparison of changes between readmill and pacing stress testing] Satomura K. **Nippon Naika Gakkai Zasshi** 1985 Mar;74(3):287-96 **(Jpn)**

atelet aggregation, thrombosis formation and rostaglandins] Higashihara M, et al. **Nippon Rinsho** 1985 Mar;43(3):555-62 (48 ref.) **(Jpn)**

atelet release reactions: progress of research and clinical mplications] Matsuda T. **Nippon Rinsho** 1985 May; 3(5):1065-72 (30 ref.) **(Jpn)**

fects of extracts from aortic intima and aortic media on latelet aggregation] Izawa M, et al. **ippon Ronen Igakkai Zasshi** 1984 Nov;21(6):536-44 (Eng. bstr.) **(Jpn)**

bstances released by platelets. 2. Thrombospondin] Ando . **Rinsho Byori** 1985 Apr;Spec No 62:60-8 (38 ref.) **(Jpn)**

ectrical measurement of platelet aggregation using a hole-blood aggregometer] Matsuno K, et al. **insho Byori** 1984 Sep;32(9):1029-33 **(Jpn)**

telet activation in ischemic heart disease] Czestochowska , et al. **Kardiol Pol** 1984;27(7):529-36 (Eng. Abstr.) **(Pol)**

telet aggregation in migraine and other headaches] dkiewicz L, et al. **Neurol Neurochir Pol** 1984 Nov-Dec; (6):529-33 (Eng. Abstr.) **(Pol)**

ection of therapeutic procedures after myocardial farction based on fibrinolytic activity, blood platelet nction and lipid and carbohydrate metabolism] Zawilska et al. **Pol Arch Med Wewn** 1984 Dec;72(6):305-11 (Eng. bstr.) **(Pol)**

[Function and coagulative activity of blood platelets in patients with attacks of transient cerebral ischemia] Dmoszyńska-Giannopoulou A. **Pol Tyg Lek** 1984 Nov 26; 39(48):1569-71 (Eng. Abstr.) **(Pol)**

[Circulating platelet aggregates in various vascular diseases] Kotschy M, et al. **Pol Tyg Lek** 1984 Jun 12-25; 39(25-26):875-7 (Eng. Abstr.) **(Pol)**

[Platelet component of hemostasis in uncomplicated pregnancy] Pervova TV. **Akush Ginekol (Mosk)** 1984 Oct; (10):67-70 (Eng. Abstr.) **(Rus)**

[Arteriovenous difference in antithrombin III activity and the antiaggregation properties of the vessel wall] Baluda VP, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):263-4 (Eng. Abstr.) **(Rus)**

[Importance of the functional activity of thrombocytes and the antiaggregation activity of the vascular walls in regulating blood aggregation] Gorbunova NA, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):3-4 (Eng. Abstr.) **(Rus)**

[Immunological methods of diagnosing the blood aggregation status] Gavrilov OK, et al. **Gematol Transfuziol** 1985 Jan; 30(1):8-11 (Eng. Abstr.) **(Rus)**

[Lipid content of the blood plasma and thrombocyte aggregation in myocardial infarct patients] Botolova EN, et al. **Kardiologiia** 1985 May;25(5):100-1 **(Rus)**

[Platelet aggregation in patients with acute disorders of cerebral circulation] Gabrielian ES, et al. **Klin Med (Mosk)** 1985 Mar;63(3):68-71 (Eng. Abstr.) **(Rus)**

[Biophysical mechanisms and kinetics of thrombocyte aggregation] Gavrilov VB, et al. **Tsitologiia** 1984 Dec; 26(12):1401-8 (Eng. Abstr.) **(Rus)**

[Effect of decimeter-range waves at various localizations on platelet aggregation in patients with cerebral infarct] Nushtaeva TV. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep-Oct;(5):58-9 **(Rus)**

[Effect of jogging on lipid peroxidation, blood coagulation and anti-aggregation properties of the vascular wall] Mishchenko VP, et al. **Vopr Med Khim** 1985 Jan-Feb; 31(1):99-102 (Eng. Abstr.) **(Rus)**

[Effect of prethrombin I and prostaglandin E2 on thrombin-stimulated aggregation of rat platelets] Strukova SM, et al. **Vopr Med Khim** 1985 May-Jun;31(3):99-103 (Eng. Abstr.) **(Rus)**

[Effect of diets of different isomer composition of fatty acids on the blood vessel wall, blood lipids and platelet aggregation] Pozdniakov AL, et al. **Vopr Pitan** 1984 Nov-Dec;(6):56-61 (Eng. Abstr.) **(Rus)**

[The blood lipid spectrum and blood coagulation in patients with stenocardia] Kotsiumbas EM, et al. **Vrach Delo** 1985 May;(5):62-5 (Eng. Abstr.) **(Rus)**

[Aggregatability of blood platelets and changes in plasma coagulation factors in patients with chronic liver diseases] Nosál M, et al. **Bratisl Lek Listy** 1984 Dec;82(6):1403-14 (Eng. Abstr.) **(Slo)**

[Platelet aggregation and Raynaud's phenomenon] Soro P, et al. **Angiologia** 1985 Jan-Feb;37(1):13-7 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

ADP-induced platelet aggregation and metoprolol treatment of myocardial infarction patients. A controlled study. Vilén L, et al. **Acta Med Scand** 1985;217(1):15-20

ADP-induced platelet aggregation in young female survivors of acute myocardial infarction and their female controls. Vilén L, et al. **Acta Med Scand** 1985;217(1):9-13

Effects of dipyridamole infusion on local platelet aggregation and local formation of thromboxane A2 in patients with pulmonary hypertension. Gensini GF, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:257-62

Control of human and animal platelet aggregation by a new prostacyclin analog. Maderna P, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:363-9

The effects of antiallergic and bronchodilator drugs on platelet-activating factor (PAF-acether) induced bronchospasm and platelet aggregation. Lewis AJ, et al. **Agents Actions** 1984 Dec;15(5-6):636-42

Comparative study of platelet aggregation measured with 3 different methods (photometric and impedance) in ticlopidine treated patients. Lecrubier C, et al. **Agents Actions [Suppl]** 1984;15:60-7

Pharmacokinetic and metabolic characteristics of ticlopidine in relation to its inhibitory properties on platelet function. Picard-Fraire C. **Agents Actions [Suppl]** 1984;15:68-75 (6 ref.)

Rationale for the use of drugs inhibiting platelet function in claudicating patients with atherosclerotic leg arteries. Verstraete M. **Agents Actions [Suppl]** 1984;15:173-87 (39 ref.)

Sub-aggregatory doses of catecholamines prevent prostacyclin-induced inhibition of platelet aggregation. Buttrick PM, et al. **Am Heart J** 1985 Jun;109(6):1258-63

Effects of nifedipine on platelet function. Takahara K, et al. **Am Heart J** 1985 Jan;109(1):4-8

Selective inhibition of thromboxane-related platelet function by low-dose aspirin in patients after myocardial infarction. De Caterina R, et al. **Am J Cardiol** 1985 Feb 15; 55(5):589-90

Heparin-induced thrombocytopenia and thrombosis: detection and specificity of a platelet-aggregating IgG. Sandler RM, et al. **Am J Clin Pathol** 1985 Jun;83(6):760-4

Heparin-mediated neutralization of platelet antiaggregatory activity of prostacyclin (PGI2): studies on mechanism. Saba SR, et al. **Am J Hematol** 1985 Oct;20(2):97-105

Botrocetin- and polybrene-induced platelet aggregation in platelet-type von Willebrand disease. Takahashi H, et al. **Am J Hematol** 1985 Feb;18(2):179-89

Prejunctional adrenergic inhibition by aggregating platelets in canine blood vessels. Lorenz RR, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):H685-9

Failure of superoxide dismutase to alter equine arachidonic acid-induced platelet aggregation, in vitro or ex vivo. Clemmons RM, et al. **Am J Vet Res** 1985 May;46(5):1104-6

Heparin and thrombocytopenia [letter] Riess H, et al. **Ann Intern Med** 1984 Dec;101(6):875-6

The role of antiplatelet drugs in carotid reconstructive surgery. Edwards WH, et al. **Ann Surg** 1985 Jun; 201(6):765-70

Inhibition of platelet aggregation by a new stable prostacyclin introduced in therapy of patients with progressive scleroderma. Keller J, et al. **Arch Dermatol Res** 1985; 277(4):323-5

Antiaggregatory efficacy and its time-course after application of acetylsalicylic acid, prostacyclin and nafazatrom in vivo. Herrmann KS. **Arch Int Pharmacodyn Ther** 1984 Nov;272(1):150-8

The action of flupirtine on prostaglandin formation and platelet aggregation in vitro. Darius H, et al. **Arzneimittelforsch** 1985;35(1):55-9

The effects on lipids, blood viscosity and platelet aggregation of combined use of niceritrol (Perycit) and a low dose of acetylsalicylic acid. Hamazaki T, et al. **Atherosclerosis** 1985 Apr;55(1):107-13

Activation of human platelets by ADP causes a rapid rise in cytosolic free calcium without hydrolysis of phosphatidylinositol-4,5-bisphosphate. Fisher GJ, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):958-64

Prostacyclin-lipoprotein interactions. Studies on human platelet aggregation and adenylate cyclase. Colli S, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2451-7

Prostaglandins and human platelet aggregation. Implications for the anti-aggregating activity of thromboxane-synthase inhibitors. Rajtar G, et al. **Biochem Pharmacol** 1985 Feb 1;34(3):307-10

Inhibition of human platelet aggregation by dihydropyrano- and dihydrofuranocoumarins, a new class of cAMP-phosphodiesterase inhibitors. Thastrup O, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2137-40

Lysophosphatidic acid can activate platelets without increasing 32P-labelling of phosphatidic acid. Gerrard JM, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):487-92

A study of the kinetics and mechanism of ADP-triggered platelet aggregation. Hantgan RR. **Biochim Biophys Acta** 1985 Jul 30;846(1):64-75

High concentrations of arachidonic acid induce platelet aggregation and serotonin release independent of prostaglandin endoperoxides and thromboxane A2. Hashimoto Y, et al. **Biochim Biophys Acta** 1985 Sep 6; 841(3):283-91

Effects of monovalent cations and anions on ADP-induced aggregation of bovine platelets, and mechanisms thereof. Kitagawa S, et al. **Biochim Biophys Acta** 1985 Jul 5; 840(3):371-6

Characterization of the platelet aggregation inducer and inhibitor from Echis carinatus snake venom. Ouyang CH, et al. **Biochim Biophys Acta** 1985 Jul 26;841(1):1-7

Molecular events involved in the proaggregating effect of heparin on human platelets. Ruggiero M, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):372-7

Dihomogammalinolenic acid, but not eicosapentaenoic acid, activates washed human platelets. Siess W, et al. **Biochim Biophys Acta** 1984 Sep 28;801(2):265-76

Action mechanism of the platelet aggregation inducer and inhibitor from Echis carinatus snake venom. Teng CM, et al. **Biochim Biophys Acta** 1985 Jul 26;841(1):8-14

1-O-alkyl-2-acyl-sn-glycero-3-phosphorylcholine is the precursor of platelet-activating factor in stimulated rabbit platelets. Evidence for an alkylacetyl-glycerophosphorylcholine cycle. Touqui L, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):111-8

Arachidonic acid-induced aggregation of platelets from human cord blood compared with platelets from adults. Ahlsten G, et al. **Biol Neonate** 1985;47(4):199-204

Different effects of centrally acting drugs on rabbit platelet aggregation: with special reference to selective inhibitory effects of antipsychotics and antidepressants. Ishigooka J, et al. **Biol Psychiatry** 1985 Aug;20(8):866-73

Prostacyclin-synthesis stimulating plasma factor and platelet sensitivity in preeclampsia. Dadak C, et al. **Biol Res Pregnancy Perinatol** 1985;6(2):65-9

Influence of trapidil derivatives on arachidonic acid- and prostaglandin endoperoxide analogue- induced platelet aggregation and thromboxane A2 formation. Heinroth I, et al. **Biomed Biochim Acta** 1984;43(8-9):S389-92

Measurement of the disaggregating effect of prostacyclin (PGI2) in anaesthetized dogs. Hermán F, et al. **Biomed Biochim Acta** 1984;43(8-9):S377-80

Platelet prostanoids in interaction of platelets with collagen substrates. II. Effects of exogenous arachidonic acid, stable PG endoperoxides analogue, and aspirin. Mazurov AV, et al. **Biomed Biochim Acta** 1984;43(8-9):S373-6

Antifibrillatory action of the stable orally active prostacyclin analogues iloprost and ZK 96 480 in rats after coronary artery ligation. Müller B, et al. **Biomed Biochim Acta** 1984; 43(8-9):S175-8

Synergistic actions of prostacyclin and an isoquinoline derivative (CH-102) on ADP-induced aggregation of dog platelets in vitro. Pataricza J, et al. **Biomed Biochim Acta** 1984;43(12):1365-9

Inhibitory effects of the selective thromboxane receptor antagonist BM 13.177 on platelet aggregation, vasoconstriction and sudden death. Patscheke H, et al. **Biomed Biochim Acta** 1984;43(8-9):S312-8

Influence of leukotriene C4 on aggregation and on malondialdehyde formation of human blood platelets. Pönicke K, et al. **Biomed Biochim Acta** 1984; 43(8-9):S459-62

The impact of eicosanoids on compliance, cardiovascular performance, and coagulation during hemodialysis. Schultze G, et al. **Biomed Biochim Acta** 1984; 43(8-9):S426-9

Effect of PGI2 on platelet aggregates in myocardial infarction evaluated in vitro in whole blood. The method for quantification of platelet aggregates. Spławinski J, et al. **Biomed Biochim Acta** 1984;43(8-9):S430-3

Aqueous extracts of onion, garlic and ginger inhibit platelet aggregation and alter arachidonic acid metabolism. Srivastava KC. **Biomed Biochim Acta** 1984;43(8-9):S335-46

Influence of aspirin, molsidomine, trapidil, and some trapidil derivatives on arachidonic acid induced reversible thrombocyte aggregation in the rabbit. Zehl U, et al. **Biomed Biochim Acta** 1984;43(8-9):S381-4

Effects of variant gamma chains and sialic acid content of fibrinogen upon its interactions with ADP-stimulated human and rabbit platelets. Harfenist EJ, et al. **Blood** 1984 Dec;64(6):1163-8

Zinc-induced platelet aggregation is mediated by the fibrinogen receptor and is not accompanied by release or by thromboxane synthesis. Heyns A du P, et al. **Blood** 1985 Jul;66(1):213-9

Platelet sensitivity to prostacyclin in normal subjects, and in patients with benign and malignant tumours of the breast. Benedetto C, et al. **Br J Cancer** 1985 Jan;51(1):49-53

Differential effect of platelet inhibitors in normal and in hypercholesterolaemic subjects. Aviram M, et al. **Br J Clin Pharmacol** 1985 Jun;19(6):715-9

A chemically stable analogue, 9 beta-methyl carbacyclin, with similar effects to epoprostenol (prostacyclin, PGI2) in man. O'Grady J, et al. **Br J Clin Pharmacol** 1984 Dec; 18(6):921-33

Comparative aspects of omega-3 and omega-6 polyunsaturated fatty acids in rabbits and rats: effects on platelet function, thromboxane and prostacyclin generation, tissue phospholipid fatty acids and membrane fluidity. Bolton-Smith C, et al. **Br J Clin Pract [Symp Suppl]** 1984; 31:37-41

Dietary supplementation of eicosapentaenoic acid (C20:5 omega-2; EPA), platelet function and blood pressure regulation. Weber PC. **Br J Clin Pract [Symp Suppl]** 1984; 31:122-5

Mechanism and characteristics of platelet activation by haematin. Neely SM, et al. **Br J Haematol** 1984 Oct; 58(2):305-16

Alteration of platelet responses to metabolites of arachidonic acid by oral contraceptives. Pan IQ, et al. **Br J Haematol** 1984 Oct;58(2):317-23

Platelet hyperaggregability occurring during prolonged continuous intravenous infusions of prostacyclin analogue ZK 36374. Yardumian DA, et al. **Br J Haematol** 1985 May; 60(1):109-16

The cardiovascular and platelet actions of 9 beta-methyl carbacyclin (ciprostene), a chemically stable analogue of prostacyclin, in the dog and monkey. Allan G, et al. **Br J Pharmacol** 1985 Jun;85(2):547-55

Pharmacological effects of (+/-)-11-deoxy, 16-phenoxy-prostaglandin E1 derivatives in the cardiovascular system. Banerjee AK, et al. **Br J Pharmacol** 1985 Jan;84(1):71-80

Platelet release reaction and aggregation induced by canatoxin, a convulsant protein: evidence for the involvement of the platelet lipoxygenase pathway. Carlini CR, et al. **Br J Pharmacol** 1985 Feb;84(2):551-60

Triggering by Paf-acether and adrenaline of cyclo-oxygenase-independent platelet aggregation. Fouque F, et al. **Br J Pharmacol** 1984 Nov;83(3):625-33

A comparative study of the involvement of the prostaglandin H2/thromboxane A2 pathway in intravascular platelet aggregation in guinea-pigs and rats. Mallarkey G, et al. **Br J Pharmacol** 1985 Feb;84(2):425-30

Inhibitory effects of dipyridamole on growth, nucleoside incorporation, and platelet-activating capability in the U87MG and SKNMC human tumor cell lines. Bastida E, et al. **Cancer Res** 1985 Sep;45(9):4048-52

Endocytosis by platelets during cationized ferritin-induced aggregation. Suzuki H, et al. **Cell Tissue Res** 1985; 240(3):513-7

Drugs and platelet activation in migraine and transient ischemic attacks. D'Andrea G, et al. **Cephalalgia** 1985 May; 5 Suppl 2:103-8

Evidence of enhanced platelet aggregation and platelet sensitivity in migraine patients. Lechner H, et al. **Cephalalgia** 1985 May;5 Suppl 2:89-91

Synthesis and biological activities of bioisosteric O-carba-analogues of platelet activating factor (PAF). Nakamura N, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun; 32(6):2452-5

Studies on 2-oxoquinoline derivatives as blood platelet aggregation inhibitors, IV. Synthesis and biological activity of the metabolites of 6-[4-(1-cyclohexyl-1H-5-tetrazolyl)butoxy]-2-oxo-1,2,3, tetrahydroquinoline (OPC-13013). Nishi T, et al. **Chem Pharm Bull (Tokyo)** 1985 Mar;33(3):1140-7

2,2'-Dithiodibenzamides as inhibitors of blood platelet aggregation. Yamada K, et al. **Chem Pharm Bull (Tokyo)** 1985 Mar;33(3):1214-20

Unsaturated 1-O-alkyl-2-acetyl-sn-glycero-3-phosphocholines (unsaturated platelet-activating factor): aggregation of human platelets after incubation with indomethacin, creatinephosphate/creatinephosphokinase, xylocain and hirudine, and serotonin release after incubation with indomethacin. Korth R, et al. **Chem Phys Lipids** 1985 Jan; 36(3):209-14

Anisodamine effects on functional and morphologic changes of platelets in endotoxinemic rabbits. Xu SH, et al. **Chin Med J [Engl]** 1985 Feb;98(2):106-10

Adenosine diphosphate as a mediator of platelet aggregation in vivo: an editorial view. Born GV. **Circulation** 1985 Oct; 72(4):741-6

Enhancement of the antiaggregatory activity of prostacyclin by propranolol in human platelets. Callahan KS, et al. **Circulation** 1985 Jun;71(6):1237-46

Intravenous infusion of a selective inhibitor of thromboxane A2 synthetase in man: influence on thromboxane B2 and 6-keto-prostaglandin F1 alpha levels and platelet aggregation. Yui Y, et al. **Circulation** 1984 Oct; 70(4):599-605

Uric acid levels and platelet function in humans. An in-vivo ex-vivo study. Ciompi ML, et al. **Clin Exp Rheumatol** 1983 Apr-Jun;1(2):143-7

Serotonin induced platelet aggregation in systemic sclerosis. Friedhoff LT, et al. **Clin Exp Rheumatol** 1984 Apr-Jun; 2(2):119-23

Epinephrine-induced platelet aggregation. A twin study. Gaxiola B, et al. **Clin Genet** 1984 Dec;26(6):543-8

Aldehyde-induced platelet aggregation. Zeller JA, et al. **Clin Lab Haematol** 1984;6(2):145-55

Hemolytic-uremic syndrome: demonstration of abnormalities of platelet reactivity and insensitivity to prostaglandin I2. Bloom A, et al. **Clin Nephrol** 1985 Feb;23(2):85-8

Decreased platelet sensitivity to prostacyclin during hemodialysis: an effect of platelet/heparin interaction? [letter] Knudsen F, et al. **Clin Nephrol** 1985 Feb;23(2):107

Correction of citrate concentration is necessary in platelet aggregometry studies in uremia [letter] Rylance PB, et al. **Clin Nephrol** 1985 Mar;23(3):155-6

Effects of prazosin on platelet aggregation and plasma beta-thromboglobulin in essential hypertension. Ikeda T, et al. **Clin Pharmacol Ther** 1985 Jun;37(6):601-5

Studies of alpha 2-adrenoceptor antagonist potency in vitro: comparisons in tissues from rats, rabbits, dogs and humans. Waterfall JF, et al. **Clin Sci** 1985;68 Suppl 10:21s-24s

Effects of triflusal in patients with prosthetic heart valves. Dominguez MJ, et al. **Clin Ther** 1985;7(3):357-60

Monomeric and polymeric collagen-induced platelet aggregation in citrated and heparinized platelet-rich plasma. Csako G, et al. **Connect Tissue Res** 1985; 13(4):299-311

Platelet sensitivity in vitro to adenosine-5'-diphosphate and prostacyclin and diabetic retinopathy. Davis TM, et al. **Diabetologia** 1985 May;28(5):274-6

Dipyridamole: a critical evaluation. Rivey MP, et al. **Drug Intell Clin Pharm** 1984 Nov;18(11):869-80 (167 ref.)

Acute effects of ethanol, caffeine, or both on platelet aggregation, thromboxane formation, and plasma-free fatty acids in normal subjects. Galli C, et al. **Drug Nutr Interact** 1984;3(1):61-7

Haemostatic mechanisms of the newborn foal: reduced platelet responsiveness. Clemmons RM, et al. **Equine Vet J** 1984 Jul;16(4):353-6

Platelet aggregation and plasma levels of acetylsalicylic acid in stroke patients on long-term treatment with an enteric-coated aspirin formulation. Britton M, et al. **Eur J Clin Pharmacol** 1984;27(3):363-5

Influence of fenflumizole on platelet aggregation in man. Grande P, et al. **Eur J Clin Pharmacol** 1984;27(2):169-72

Actions and interactions of acetylsalicylic acid, salicylic acid and diflunisal on platelet aggregation. Nitelius E, et al. **Eur J Clin Pharmacol** 1984;27(2):165-8

Plasma salicylate levels and platelet function after acute and chronic administration of slow-release acetylsalicylic acid (Monobeltin). Rehders K, et al. **Eur J Clin Pharmacol** 1985; 27(6):683-7

Arachidonic acid-induced platelet aggregation and prostanoid formation in whole blood in relation to plasma concentration of indomethacin. Vinge E. **Eur J Clin Pharmacol** 1985;28(2):163-9

Effects of fenflumizole on aggregation ex vivo of human platelets and formation of thromboxane B2 and 6-keto-prostaglandin-F1 alpha. Vinge E, et al. **Eur J Clin Pharmacol** 1984;26(6):711-7

Desaggregation of PAF-acether-aggregated platelets by verapamil and TMB-8 with reversal of phosphorylation of 40K and 20K proteins. Khan SN, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):189-98

Human platelet alpha 2-adrenoceptors: relationship between radioligand binding studies and adrenaline-induced aggregation in normal individuals. Swart SS, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):25-32

Antiplatelet aggregators inhibit development of stress ulcers in Sprague-Dawley rats. Kumashiro R, et al. **Eur Surg Res** 1985;17(1):44-52

Hydrogen peroxide has a role in the aggregation of human platelets. Del Principe D, et al. **FEBS Lett** 1985 Jun 3; 185(1):142-6

Inhibition by forskolin of cytosolic calcium rise, shape change and aggregation in quin2-loaded human platelets. Sage SO, et al. **FEBS Lett** 1985 Aug 19;188(1):135-40

Experimental basis of platelet aggregation inhibition by acetylsalicylic acid. Born GV, et al. **Folia Haematol (Leipz)** 1984;111(6):719-24

Effect of heparin and heparinoids on platelet aggregation. Cepelák V, et al. **Folia Haematol (Leipz)** 1984;111(6):750-60

Investigations on the effect of antimicrobial drugs on platelet aggregation in vitro and ex vivo. Cronberg S, et al. **Folia Haematol (Leipz)** 1984;111(6):725-34

Comparison of sympathomimetic amines with collagen, calcium ionophor and adenosine diphosphate in their effects on thromboxane formation of human platelet rich plasma. Ditter H, et al. **Folia Haematol (Leipz)** 1984;111(6):761-8

Effect of diamide (azodicarboxylic acid-bis-dimethylamide) on arachidonic acid release from human blood platelet phospholipids. Lösche W, et al. **Folia Haematol (Leipz)** 1984;111(6):769-73

Effect of prostacyclin (epoprostenol) on the aggregation of human platelets in whole blood in vitro. Saniabadi AR, et al. **Haemostasis** 1984;14(6):487-94

Prostaglandin synthesis inhibition reduces platelet aggregation in diabetes mellitus. Jones DB, et al. **Horm Metab Res** 1985 Jan;17(1):42-3

Status of platelet functions in volunteers of various blood groups: effect of aspirin. Sudhir S, et al. **Indian J Physiol Pharmacol** 1984 Apr-Jun;28(2):137-40

Aggregating and prostanoid-releasing effects of platelet-activating factor and leukotrienes on human polymorphonuclear leukocytes and platelets. Dahl ML. **Int Arch Allergy Appl Immunol** 1985;76(2):145-50

Characterization of two crystalline polyurethane homopolymers as potential materials for biomedical applications. Marconi W, et al. **Int J Artif Organs** 1984 Nov;7(6):349-52

In vitro investigation on the antiaggregating activity of ditazole. Prisco D, et al. **Int J Clin Pharmacol Res** 1984; 4(5):341-7

Modification of platelet aggregation and thromboxane synthesis by intravascular contrast media. Paajanen H, et al. **Invest Radiol** 1984 Jul-Aug;19(4):333-7

Studies on new antiplatelet agents, WS-30581 A and B. Umehara K, et al. **J Antibiot (Tokyo)** 1984 Oct; 37(10):1153-60

Rapid modulation of platelet aggregation in plasma by oxygenated sterols. Shimada H, et al. **J Appl Biochem** 1984 Jun;6(3):151-5

Effect of C-reactive protein on platelet-activating factor-induced platelet aggregation and membrane stabilization. Vigo C. **J Biol Chem** 1985 Mar 25; 260(6):3418-22

Blood pressure, 5-OH indoleacetic acid, and vanilmandelic acid excretion and blood platelet aggregation in hypertensive patients treated with ketanserin. Dzúrik R, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S29-31

Suppressive effect of captopril on platelet aggregation in essential hypertension. Someya N, et al. **J Cardiovasc Pharmacol** 1984 Sep-Oct;6(5):840-3

Inhibition of platelet aggregation by oral digoxin and reversal with nifedipine. Ware JA, et al. **J Cardiovasc Pharmacol** 1985 Mar-Apr;7(2):262-6

Interaction of asialo von Willebrand factor with glycoprotein Ib induces fibrinogen binding to the glycoprotein IIb/IIIa complex and mediates platelet aggregation. De Marco L, et al. **J Clin Invest** 1985 Apr;75(4):1198-203

N-Acetylcysteine potentiates inhibition of platelet aggregation by nitroglycerin. Loscalzo J. **J Clin Invest** 1985 Aug;76(2):703-8

Verotoxin and neuraminidase induced platelet aggregating activity in plasma: their possible role in the pathogenesis of the haemolytic uraemic syndrome. Rose PE, et al. **J Clin Pathol** 1985 Apr;38(4):438-41

Mistabron effects on platelets and blood coagulation. Henry RL, et al. **J Int Med Res** 1984;12(5):277-80

Effects of divalent cations on the interaction of platelets with tumor cells: aggregation and perfusion studies with two homologous human systems. Bastida E, et al. **J Lab Clin Med** 1985 Jul;106(1):68-74

Cigarette smoking--induced enhancement of platelet function: lack of prevention by aspirin in men with coronary artery disease. Davis JW, et al. **J Lab Clin Med** 1985 Apr;105(4):479-83

Action of platelet-activating factor on type 1 diabetic human platelets. Greco NJ, et al. **J Lab Clin Med** 1985 Apr; 105(4):410-6

Amplification of primary response of human platelets to platelet-activating factor: aspirin-sensitive and aspirin-insensitive pathways. Lauri D, et al. **J Lab Clin Med** 1985 Jun;105(6):653-8

Adrenaline and adenosine diphosphate-induced platelet aggregation require shape change. Importance of pseudopods. Milton JG, et al. **J Lab Clin Med** 1984 Nov;

104(5):805-15

Piribedil and platelet aggregation. Vairo G, et al. **J Med** 1984; 15(1):75-80

Structure-activity relationship in PAF-acether. 2. rac-1-O-Octadecyl-2-O-acetyl-3-O-[gamma-(dimethyla . Heymans F, et al. **J Med Chem** 1985 Aug;28(8):1094-6

7-(Ethoxycarbonyl)-6,8-dimethyl-2-phenyl-1(2H)-phthal derivatives: synthesis and inhibitory effects on platelet aggregation. Sugimoto A, et al. **J Med Chem** 1984 Oct; 27(10):1300-5

Synthesis and platelet aggregation inhibitory activity of 4,5-bis(substituted)-1,2,3-thiadiazoles. Thomas EW, et al. **J Med Chem** 1985 Apr;28(4):442-6

Modified smear method for screening potential inhibitors of platelet aggregation from plant sources. Yun-Choi HS, et al. **J Nat Prod** 1985 May-Jun;48(3):363-70

The effect of 6-oxo-prostaglandin E1 on human platelet aggregation in whole blood in-vitro. Wilsoncroft PS, et al. **J Pharm Pharmacol** 1985 Feb;37(2):139-41

Mechanism of anti-platelet aggregating action of dilazep. Takenaga M, et al. **J Pharmacobiodyn** 1985 Feb;8(2):77-83

The effect of urethane and thiopental sodium on platelet aggregation in vitro and in vivo. Evangelista S, et al. **J Pharmacol Methods** 1984 Sep;12(2):107-12

In vivo study of platelet aggregation in rats. Pinon JF. **J Pharmacol Methods** 1984 Sep;12(2):79-84

Amelioration of the deleterious effects of platelets activated during cardiopulmonary bypass. Comparison of a thromboxane synthetase inhibitor and a prostacyclin analogue. Huddleston CB, et al. **J Thorac Cardiovasc Surg** 1985 Feb;89(2):190-5

Neutralization of croatalidae venom induced platelet aggregation by affinity chromatography isolated IgG to Crotalus viridis helleri venom. Bar-Or D, et al. **J Toxicol Clin Toxicol** 1984 Jul;22(1):1-9

The influence of treatment with estrogens and estramustine phosphate on platelet aggregation and plasma lipoproteins in non-disseminated prostatic carcinoma. Agardh CD, et al. **J Urol** 1984 Nov;132(5):1021-4

Endogenous inhibitor (s) of platelet aggregation. Saeed SA, et al. **JPMA** 1985 Feb;35(2):41-4

A new stable prostacyclin analogue OP41483 (15-cyclopentyl-omega-pentanor-5(E)-carbacyclin). Yui Y, et al. **Jpn Circ J** 1985 Jun;49(6):571-5

Effects of riboflavin-2', 3', 4', 5'-tetrabutyrate on platelet function and plasma lipids. Endo Y, et al. **Jpn J Med** 1985 Feb;24(1):13-8

Sex difference in the effect of aspirin on rat platelet aggregation and arachidonic acid metabolism. Morikawa M, et al. **Jpn J Pharmacol** 1985 Apr;37(4):317-23

Effects of orally administered glandular kallikrein on urinary kallikrein and prostaglandin excretion, plasma immunoreactive prostanoids and platelet aggregation in essential hypertension. Ogawa K, et al. **Klin Wochenschr** 1985 Apr 1;63(7):332-6

Acetyl glycerylphosphorylcholine aggregates human platelets through two distinct pathways, both dependent on arachidonic acid metabolism. Macconi D, et al. **Lab Invest** 1985 Feb;52(2):159-68

Aspirin with an adrenergic or a calcium-channel-blocking agent as new combination therapy for arterial thrombosis [letter] Greer IA, et al. **Lancet** 1985 Feb 9;1(8424):351-2

Combining antiplatelet agents: potentiation between aspirin and dipyridamole [letter] Gresele P, et al. **Lancet** 1985 Apr 20;1(8434):937-8

Different effects of three kinds of somatostatin (15-28, 1-14, 1-28) on rabbit's platelet aggregation. Fuse I, et al. **Life Sci** 1985 May 27;36(21):2047-52

The effect of pyridoxal-5-phosphate on the inhibition of platelet aggregation and adenosine-3'-5'-cyclic monophosphate accumulation in human platelets. Zahavi M, et al. **Life Sci** 1984 Oct 1;35(14):1497-503

Alteration and recovery of bleeding times, platelet aggregation and fatty acid composition of individual phospholipids in platelets of human subjects receiving a supplement of cod-liver oil. Ahmed AA, et al. **Lipids** 1984 Aug;19(8):617-24

Aspirin and other platelet-aggregation inhibiting drugs. Gallus AS. **Med J Aust** 1985 Jan 7;142(1):41-7 (71 ref.)

Extremely-low-dose aspirin (1 mg per day) renders human platelets more sensitive to antiaggregation prostaglandins [letter] Sinzinger H, et al. **N Engl J Med** 1984 Oct 18; 311(16):1052

Synthesis and structure of the platelet aggregation factor thromboxane A2. Bhagwat SS, et al. **Nature** 1985 Jun 6-12; 315(6019):511-3

Does platelet antiaggregant therapy lessen the severity of stroke? Grotta JC, et al. **Neurology** 1985 May;35(5):632-6 (36 ref.)

Diminished sensitivity of platelet aggregation to prostaglandin D2 in patients with myeloproliferative disorders and in patients with acute leukemia. Wong P, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):147-54

A compound inhibiting platelet aggregation in hemofiltrate from uremic patients. Tatsumi Y, et al. **Osaka City Med J** 1984 Jun;30(1):31-8

Ristocetin-induced platelet agglutination in four Chinese patients with Glanzmann's thrombasthenia. Joyce RP, et al. **Pathology** 1985 Jan;17(1):71-4

Inhibitory activity of indobufen (*) on platelet aggregation in vivo. Bergamaschi M, et al. **Pharmacol Res Commun** 1984 Oct;16(10):979-85

Observations on the effects of some antiaggregating drugs on platelet specific protein discharge after a very weak stimulus. Weber G, et al. **Pharmacol Res Commun** 1985 Feb;17(2):129-35

Synthesis of new 4 and 5 disubstituted isothiazoles. Kuczyński L, et al. **Pol J Pharmacol Pharm** 1984 Sep-Oct;36(5):485-91

Antiaggregatory effects of flavonoids in vivo and their influence on lipoxygenase and cyclooxygenase in vitro. Swies J, et al. **Pol J Pharmacol Pharm** 1984 Sep-Oct; 36(5):455-63

Release of disaggregatory prostanoids into circulation by nicotinic alcohol, nicotinic acid and nicotinamide. Swies J, et al. **Pol J Pharmacol Pharm** 1984 Nov-Dec;36(6):653-7

Inhibition of platelet aggregation by a monoclonal antibody against human fibronectin. Dixit VM, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3844-8

Mechanism of the inhibition of platelet aggregation produced by prostaglandin F2 alpha. Armstrong RA, et al. **Prostaglandins** 1985 Apr;29(4):601-10

Lipoxygenase products: leukotrienes C4, D4, A4's breakdown products and 12-HPETE influence platelet aggregation in vivo. Herrmann KS. **Prostaglandins** 1985 Mar;29(3):459-65

Arachidonic acid-induced human platelet aggregation independent of cyclooxygenase and lipoxygenase. Maclouf J, et al. **Prostaglandins** 1984 Sep;28(3):383-98

Synthesis and platelet aggregation inhibition activity of a series of enantiomeric bicyclo[3.2.0]heptane-6-oximinoacetic acids (1). O-Yang C, et al. **Prostaglandins** 1984 Jun;27(6):851-63

Inhibition of platelet aggregation by a new agent, 5-(Z,E)-13,14-didehydro-20-methyl-carbo PGI2 (FCE 22509). Bergamaschi M, et al. **Prostaglandins Leukotrienes Med** 1984 Oct;16(1):19-27

Metabolism of 14-C-arachidonic acid in platelets and antiaggregatory potency of prostacyclin in women taking oral contraceptives. Jaschonek K, et al. **Prostaglandins Leukotrienes Med** 1984 Aug;15(2):275-6

The effects of amrinone on human platelet aggregation: evidence that amrinone does not act through a cyclic nucleotide mechanism in platelet rich plasma. Lippton HL, et al. **Prostaglandins Leukotrienes Med** 1985 May; 18(2):193-204

Influence of verapamil and diltiazem on aggregatory responses in cat and rabbit platelet rich plasma. Lippton HL, et al. **Prostaglandins Leukotrienes Med** 1984 Oct; 16(1):121-30

Evidence for isosorbide dinitrate (ISDN) promoting effect on prostacyclin release by the lung and prostacyclin implication in ISDN-induced inhibition of platelet aggregation in humans. Rolland PH, et al. **Prostaglandins Leukotrienes Med** 1984 Dec;16(3):333-46

Docosahexaenoic acid (C22:6 omega 3) and linoleic acid are anti-aggregatory, and alter arachidonic acid metabolism in human platelets. Srivastava KC. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):319-27

Effect of L-histidine in vivo on human platelet function and arachidonic acid metabolism. Steinhauer HB, et al. **Prostaglandins Leukotrienes Med** 1985 May;18(2):245-54

The effect of 5-(2-chlorobenzyl)-5,6,7,7a-tetrahydro 4H-thieno (3.2-C)-pyridine-2-one hydrochloride (PCR 3787), a metabolite of ticlopidine, on the aggregation of human platelets in vitro and on the aggregation inhibiting action of PGI2 and PGD2. Vincent JE, et al. **Prostaglandins Leukotrienes Med** 1984 Dec;16(3):279-83

Prostaglandin I2 (PG I2) fails to inhibit ADP induced platelet aggregation in vivo in rats. Zehl U, et al. **Prostaglandins Leukotrienes Med** 1984 Oct;16(1):45-56

Inhibition of platelet function by contrast media: iopamidol and ioxaglate versus iothalamate. Work in progress. Rao AK, et al. **Radiology** 1985 Aug;156(2):311-3

Long-term ultra-low-dose aspirin therapy and platelet function. Chetty N, et al. **S Afr Med J** 1985 Aug 31; 68(5):307-9

Platelet-activating factor-induced aggregation of human platelets specifically inhibited by triazolobenzodiazepines. Kornecki E, et al. **Science** 1984 Dec 21;226(4681):1454-6

Clinical aspects of antiplatelet therapy. Sherry S. **Semin Hematol** 1985 Apr;22(2):125-34 (49 ref.)

Acute ethanol ingestion increases platelet reactivity: is there a relationship to stroke? Hillbom M, et al. **Stroke** 1985 Jan-Feb;16(1):19-23

Inhibition of platelet deposition on polytetrafluoroethylene grafts by antiplatelet agents. Kon ND, et al. **Surgery** 1984 Nov;96(5):870-3

Platelet accumulation on collagen: drugs which inhibit arachidonic acid metabolism and affect intracellular cyclic AMP levels. Adams GA, et al. **Thromb Haemost** 1984 Aug 31;52(1):45-9

Inhibition by heparin of platelet accumulation in vivo. Barrett PA, et al. **Thromb Haemost** 1984 Jul 29;51(3):366-70

Human platelet aggregation and release reaction induced by platelet activating factor (PAF-acether)--effects of acetylsalicylic acid and external ionized calcium. Cattaneo M, et al. **Thromb Haemost** 1985 Apr 22;53(2):221-4

Inhibition of arachidonate-induced human platelet aggregation by a single low oral dose of aspirin in combination with a thromboxane synthase inhibitor [letter] Cerletti C, et al. **Thromb Haemost** 1984 Oct 31;52(2):215

Sulfinpyrazone and platelet function in hypertensive patients [letter] Davi G, et al. **Thromb Haemost** 1984 Jul 29; 51(3):413

The increased sensitivity of platelets to prostacyclin in marathon runners. Dix CJ, et al. **Thromb Haemost** 1984 Jul 29;51(3):385-7

Deaggregation of human platelets aggregated by thrombin. Kinlough-Rathbone RL, et al. **Thromb Haemost** 1985 Feb 18;53(1):42-4

Effect of amino sugars on platelet aggregation and on fibrinogen binding. Kinlough-Rathbone RL, et al. **Thromb Haemost** 1984 Aug 31;52(1):75-80

Standardization of collagen: consideration of current practices in testing collagen-induced aggregation. Packham MA. **Thromb Haemost** 1984 Dec 29;52(3):358-61

Agglutination of platelet-type von Willebrand's disease platelets by bovine von Willebrand factor. Takahashi H, et al. **Thromb Haemost** 1985 Apr 22;53(2):204-7

Interactions between dipyridamole and prostaglandin E1 with ADP-induced aggregation of rat platelet in whole blood [letter] Touqui L, et al. **Thromb Haemost** 1984 Jul 29;51(3):410

PAF-acether may not mediate the third pathway of platelet aggregation since self-desensitization reduces the effects of low thrombin but enhances those of convulxin. Wal F, et al. **Thromb Haemost** 1985 Feb 18;53(1):99-104

Effect of vitamin E on platelet aggregation in diabetes mellitus. Watanabe J, et al. **Thromb Haemost** 1984 Jul 29; 51(3):313-6

Effect of adenyl-cyclase activators, phosphodiesterase inhibitors and pyridoxal-5-phosphate on platelet aggregation and adenosine-3'-5'-cyclic monophosphate accumulation. Zahavi M, et al. **Thromb Haemost** 1984 Oct 31;52(2):205-9

Effects of trifluoperazine on platelet activation. Ardlie NG, et al. **Thromb Res** 1985 Jun 15;38(6):695-706

Platelet activation by circulating levels of hormones: a possible link in coronary heart disease. Ardlie NG, et al. **Thromb Res** 1984 Nov 15;36(4):315-22

Serotonin-induced platelet aggregation in whole blood and the effects of ketanserin and mepyramine. Bevan J, et al. **Thromb Res** 1985 Apr 15;38(2):189-94

Inhibition of human platelet aggregation by vitamin K. Blackwell GJ, et al. **Thromb Res** 1985 Jan 1;37(1):103-14

Effect of GSH depletion by 1-chloro-2,4-dinitrobenzene on human platelet aggregation, arachidonic acid oxidative metabolism and cytoskeletal proteins. Bosia A, et al. **Thromb Res** 1985 Feb 1;37(3):423-34

Influence of diamide on aggregation, cytoskeletal proteins, and arachidonic acid metabolism in human platelets. Caruso D, et al. **Thromb Res** 1984 Oct 1;36(1):9-16

Effect of ticlopidine on platelet aggregation, adherence to damaged vessels, thrombus formation and platelet survival. Cattaneo M, et al. **Thromb Res** 1985 Jan 1;37(1):29-43

Purification and characterization of platelet aggregating activity from tumor cells: copurification with procoagulant activity. Cavanaugh PG, et al. **Thromb Res** 1985 Jan 15; 37(2):309-26

Effect of the C1q on the soluble collagen-platelet interaction. Chiang TM, et al. **Thromb Res** 1985 Mar 1;37(5):605-12

Comparison of coagglutinin-induced agglutination of fresh and fixed canine platelets. Clemmons RM, et al. **Thromb Res** 1984 Nov 1;36(3):271-6

Inhibition of platelet aggregation and thromboxane B2 production during aspirin treatment: dependence on the dose of the aggregating agent. De Caterina R, et al. **Thromb Res** 1985 Jan 15;37(2):337-42

Inhibition of platelet aggregation and thromboxane synthesis after intake of small amount of icosapentaenoic acid. Driss F, et al. **Thromb Res** 1984 Dec 1;36(5):389-96

Collagen induced platelet aggregation: a comparison between several commercially available collagens. Fauvel F, et al. **Thromb Res** 1985 Jun 15;38(6):707-11

Compound 48/80 is a potent inhibitor of human platelet aggregation antagonizing the calmodulin-dependent platelet reaction in vitro. Heinrich J, et al. **Thromb Res** 1984 Dec 1;36(5):475-80

The effect of pepsin solubilization on platelet aggregation by types I and III collagens. Hill RJ, et al. **Thromb Res** 1985 Apr 1;38(1):45-59

Succinate potentiates the action of platelet agonists. Huang EM, et al. **Thromb Res** 1984 Oct 1;36(1):1-8

3-Deazaadenosine and L-homocysteine inhibit human platelet activation induced by arachidonic acid, U46619 and phospholipase C. Huzoor-Akbar, et al. **Thromb Res** 1984 Nov 15;36(4):369-76

Prevention of coronary platelet aggregation with a phosphodiesterase inhibitor RX-RA 69. Machleidt C, et al. **Thromb Res** 1985 Mar 1;37(5):595-604

An analysis of inhibitory effect of cyclic GMP on arachidonic acid- or collagen-induced aggregation in rabbit platelets. Matsuoka I, et al. **Thromb Res** 1985 Jan 1;37(1):185-93

The effect of physiological levels of fibrinogen on platelet aggregation. Meade TW, et al. **Thromb Res** 1985 Jun 1; 38(5):527-34

In vitro effect of cimetidine on platelet aggregation [letter] Mikhailidis DP, et al. **Thromb Res** 1985 May 1;38(3):307-8

Interaction of wheat germ agglutinin with human platelets: a model for studying platelet response. Rendu F, et al. **Thromb Res** 1984 Dec 1;36(5):447-56

Effects of BM 13.177, a new antiplatelet drug in patients with atherosclerotic disease. Riess H, et al. **Thromb Res** 1984 Aug 15;35(4):371-8

Interactions between sodium salicylate and acetyl salicylic acid evaluated using ADP induced platelet aggregation and bleeding time. Ring T, et al. **Thromb Res** 1985 Jun 15;38(6):687-93

Benzodiazepines inhibit human platelet activation: comparison of the mechanism of antiplatelet actions of flurazepam and diazepam. Romstedt K, et al. **Thromb Res** 1985 May 15;38(4):361-74

In vitro effects of acetaminophen and its analogues on human platelet aggregation and thromboxane B2 synthesis. Shorr RI, et al. **Thromb Res** 1985 Apr 1;38(1):33-43

The pharmacological profile of the thromboxane A2 antagonist BM 13.177. A new anti-platelet and anti-thrombotic drug. Stegmeier K, et al. **Thromb Res** 1984 Aug 15;35(4):379-95

Effects of adrenaline and alpha adrenergic antagonists on platelet aggregation in whole blood: evaluation of electrical impedance aggregometry. Swart SS, et al. **Thromb Res** 1984 Dec 1;36(5):411-8

Morphological studies of platelet aggregates induced by human von Willebrand factor in platelet-type von Willebrand's disease. Takahashi H, et al. **Thromb Res** 1985 May 15;38(4):433-8

Inhibition by luciferin-luciferase reagents of aggregatory responses to excitatory agonists in washed platelet suspensions. Thompson NT, et al. **Thromb Res** 1985 Apr 15;38(2):109-19

XC 386: a new antiplatelet agent. Wang JP, et al. **Thromb Res** 1984 Oct 15;36(2):113-22

Involvement of disulfide-sulfhydryl interaction in anti-platelet actions of KF4939. Yamada K, et al. **Thromb Res** 1985 Apr 1;38(1):61-9

Effect of cetiedil on platelet aggregation and thromboxane synthesis. Yamaguchi A, et al. **Thromb Res** 1985 Feb 1;37(3):391-400

Tolbutamide effect on cultured human endothelial cells with special reference to platelet aggregation. Kawaguchi K, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:563-8

Effect of cobaltous chloride on aggregation of platelets from normal and afibrinogenaemic human blood. Smith AG, et al. **Toxicol Lett** 1984 Dec;23(3):349-52

Effect of the purified phospholipases A2 from snake and bee venoms on rabbit platelet function. Ouyang C, et al. **Toxicon** 1984;22(5):705-18

Application of a new prostaglandin I2 analogue (APS-306) on cardiopulmonary bypass. Takahama T, et al. **Trans Am Soc Artif Intern Organs** 1984;30:44-8

Evidence that cyclosporine-incubated platelets retain function and release cyclosporine. Sharpe RJ, et al. **Transplantation** 1985 Jul;40(1):102-4

[Effect of extracts of radix Paeoniae rubrae and its derivatives on platelet aggregation and oxidative phosphorylation of mitochondria] Wang JF. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec;4(12):745-7 (Eng. Abstr.) **(Chi)**

[Effect of ilexonin A on platelet function and ultrastructure] Wang Z, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):232-4, 197 (Eng. Abstr.) **(Chi)**

['Activating blood circulation and removing stasis' in platelet aggregation and congestive heart failure--a topic of clinical research in combined traditional Chinese-western medicine] Ye ZM. **Chung Hsi I Chieh Ho Tsa Chih** 1984 May;4(5):314-5 **(Chi)**

[Inhibition of collagen-induced platelet aggregation and release function by aspirin and dipyridamole in cynomolgus monkey] Wang ZG. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Jun;12(2):131-3 (Eng. Abstr.) **(Chi)**

[Preliminary study on a new variant of a platelet aggregation defect] Shen D. **Chung Hua Nei Ko Tsa Chih** 1984 Nov;23(11):669-70 (Eng. Abstr.) **(Chi)**

[Effect of danshan and persantin on the alteration of platelet aggregation and microcirculation in diabetics] Zhu XX. **Chung Hua Nei Ko Tsa Chih** 1985 Apr;24(4):197-9, 253 (Eng. Abstr.) **(Chi)**

[Effect of ilexonin A on plasma euglobulin lysis and platelet aggregation] Liu GD, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Sep;5(3):185-7 (Eng. Abstr.) **(Chi)**

[Effect of several Chinese drugs on platelet aggregation in the rabbit] Song JN. **Chung Yao Tung Pao** 1984 Jul;9(4):182-4 **(Chi)**

[Effects of sodium ferulate combined with acetylsalicylic acid on rat platelet aggregation and on modulation of PGI2-TXA2 balance] Xu LN, et al. **Yao Hsueh Hsueh Pao** 1985 Jan;20(1):5-9 (Eng. Abstr.) **(Chi)**

[Anti-aggregation effect of verapamil in healthy persons and in patients after myocardial infarct] Alušík S, et al. **Vnitr Lek** 1984 Aug;30(8):740-4 (Eng. Abstr.) **(Cze)**

[In vitro aggregation of rat platelets by cumulative doses of trypsin: influence of aprotinin] Mary A, et al. **C R Soc Biol (Paris)** 1984;178(6):684-90 (Eng. Abstr.) **(Fre)**

[Comparative action of different platelet anti-aggregants in the postoperative period] Lapeyrère X, et al. **Cah Anesthesiol** 1984 Mar;32(2):123-5 **(Fre)**

[New derivatives of benzopyran-4-one with analgesic, anti-inflammatory and antiplatelet clumping activity] Darmanaden R, et al. **Farmaco [Sci]** 1984 Oct;39(10):876-87 (Eng. Abstr.) **(Fre)**

[Quantitative method of measuring platelet ATP released in vitro in the presence of various aggregating agents] Jung G, et al. **Pathol Biol (Paris)** 1984 Sep;32(7):772-8 (Eng. Abstr.) **(Fre)**

[Thrombopenia and thrombosis under heparin treatment. Need for aggregation tests before treatment with low molecular weight heparin (letter)] Gruel Y, et al. **Presse Med** 1985 Jan 26;14(3):166 **(Fre)**

[Status and trends in the field of inhibitors of thrombocyte function] Glusa E. **Folia Haematol (Leipz)** 1984;111(4):575-9 (Eng. Abstr.) **(Ger)**

[Effect of heparin on platelet aggregation in vitro] Róka L, et al. **Folia Haematol (Leipz)** 1984;111(6):735-49 (Eng. Abstr.) **(Ger)**

[Inhibition of thrombocyte aggregation by beta blockers. Reduction of collagen-induced thrombocyte aggregation in vitro] Schulz V. **Fortschr Med** 1984 Dec 20;102(47-48):1203-5 (Eng. Abstr.) **(Ger)**

[Inhibition of platelet aggregation and thromboxane formation by the calcium antagonist nisoldipine following a single oral dose of 10 mg. A double-blind study in healthy probands] Schrör K, et al. **Klin Wochenschr** 1985 Jan 2;63(1):16-9 (Eng. Abstr.) **(Ger)**

[In vitro studies on the effect of dissolved and undissolved heterologous collagen sponge on human thrombocytes] Katthagen BD, et al. **Z Orthop** 1984 Sep-Oct;122(5):677-81 (Eng. Abstr.) **(Ger)**

[Dietary soya lecithin decreases plasma triglyceride and inhibits platelet aggregation] Aviram M, et al. **Harefuah** 1984 Sep;107(5-6):122-3 (Eng. Abstr.) **(Heb)**

[IIB-type Willebrand disease (a case of increased ristomycin-induced aggregation)] Boda Z, et al. **Orv Hetil** 1985 Aug 11;126(32):1957-60 (Eng. Abstr.) **(Hun)**

[Effects of low O2 tension on platelet aggregation] Coppola L, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1805-10 (Eng. Abstr.) **(Ita)**

[Changes induced by dimethylformamide on platelet function and coagulation activity] Longoni P, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2199-205 (Eng. Abstr.) **(Ita)**

[Action of aminoglycosides on platelet aggregation in vitro] Nubile G, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30;61(3):357-63 (Eng. Abstr.) **(Ita)**

[Effect of sorbinicate on blood proteins and platelet aggregation in patients with coronary disease] Bonfiglioli D, et al. **Clin Ter** 1984 Jul 31;110(2):111-8 (Eng. Abstr.) **(Ita)**

[Evaluation of platelet aggregation in patients treated with ticlopidine] Sbalzarini G, et al. **Clin Ter** 1984 Nov 15;111(3):247-50 (Eng. Abstr.) **(Ita)**

[Studies on platelet aggregation and cortinellus shiitake] Hayakawa M, et al. **Nippon Ronen Igakkai Zasshi** 1985 Mar;22(2):151-9 (Eng. Abstr.) **(Jpn)**

[Effects of mono dansyl cadaverine on platelet aggregations, blood coagulations and erythrocyte deformabilities] Hayakawa M, et al. **Nippon Ronen Igakkai Zasshi** 1985 Mar;22(2):144-50 (Eng. Abstr.) **(Jpn)**

[Inhibitory mechanism of ifenprodil tartrate on rabbit platelet aggregation] Irino O, et al. **Nippon Yakurigaku Zasshi** 1985 May;85(5):379-85 (Eng. Abstr.) **(Jpn)**

[Pharmacological studies of FUT-175, nafamstat mesilate. IV. Effects on coagulation, platelets and fibrinolysis] Koshiyama Y, et al. **Nippon Yakurigaku Zasshi** 1984 Nov;84(5):417-28 (Eng. Abstr.) **(Jpn)**

[Combined effects of PGI2 and thrombin inhibitors or fibrinolytic agent on platelet aggregation and disaggregation] Takahashi H, et al. **Rinsho Ketsueki** 1984 Jul;25(7):998-1003 (Eng. Abstr.) **(Jpn)**

[Pharmacological studies on drugs inhibiting platelets aggregation] Tanaka K. **Rinsho Ketsueki** 1984 Jul;25(7):992-7 (Eng. Abstr.) **(Jpn)**

[Pharmacological studies of sodium alginate. V. Effect of sodium alginate on platelet aggregation] Diago K, et al. **Yakugaku Zasshi** 1985 Feb;105(2):171-82 (Eng. Abstr.) **(Jpn)**

[Inhibition of functional processes of peripheral blood platelets] Gorczyńska E, et al. **Pol Tyg Lek** 1985 Mar 11;40(10):305-8 **(Pol)**

[Platelet activity in patients with ischemia of the lower limbs treated with acenocoumarol] Kowal-Gierczak B, et al. **Pol Tyg Lek** 1984 Oct 29;39(44):1445-6 (Eng. Abstr.) **(Pol)**

[Pathophysiological basis of anti-aggregation treatment in migraine] Kozubski W. **Pol Tyg Lek** 1985 Jan 7;40(1):13-5 (Eng. Abstr.) **(Pol)**

[Effect of fenflumizole on platelet aggregation and the results of spirometric studies in patients with bronchial asthma] Podolec Z, et al. **Pol Tyg Lek** 1984 Jul 30;39(31):1031-3 (Eng. Abstr.) **(Pol)**

[Changes in selected indicators of platelet function in patients with primary arterial hypertension treated with alpha-methyldopa] Wysokiński A, et al. **Pol Tyg Lek** 1984 Dec 10;39(50):1661-3 (Eng. Abstr.) **(Pol)**

[Evaluation of the results obtained in thromboembolic vascular lesions with 2 platelet aggregation inhibitors] Parisi FR, et al. **Rev Chir [Chir]** 1983 Jul-Aug;32(4):293-6 (Eng. Abstr.) **(Rum)**

[Synthesis of thromboxane A2: limiting stages of primary thrombocyte aggregation in humans initiated by arachidonic acid and its metabolic products] Mevkh AT, et al. **Biokhimiia** 1984 Dec;49(12):2035-40 (Eng. Abstr.) **(Rus)**

[Synthesis and anti-aggregating activity of 11-deoxyprostacyclin] Mel'nikova VI, et al. **Bioorg Khim** 1983 Jan;9(1):115-7 (Eng. Abstr.) **(Rus)**

[Role of prostacyclin in the antiaggregation activity of the vascular wall] Gabrielian ES, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):403-5 (Eng. Abstr.) **(Rus)**

[Thrombocyte adhesion and aggregation on surfaces coated with human type-I, -III, -IV and -V collagens] Misselwitz F, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):359-64 (Eng. Abstr.) **(Rus)**

[Suppression of platelet aggregation as a result of two-component inhibition of a polyenzyme system of thromboxane synthesis] Varfolomeev SD, et al. **Dokl Akad Nauk SSSR** 1985 May-Jun;282(1):194-6 **(Rus)**

[Comparative pharmacological analysis of the mechanisms of thrombocyte aggregation induced by bacterial toxins and ADP] Brill' GE, et al. **Farmakol Toksikol** 1985 Mar-Apr;48(2):82-5 (Eng. Abstr.) **(Rus)**

[Effect of heparin on the aggregation function of thrombocytes] Zhukovskaia ES, et al. **Farmakol Toksikol** 1984 Sep-Oct;47(5):36-40 (Eng. Abstr.) **(Rus)**

[Effect of 1,4-naphthoquinone preparations on the platelet aggregation process] Kalmykova IB, et al. **Gematol Transfuziol** 1984 Aug;29(8):31-4 (Eng. Abstr.) **(Rus)**

[Effect of various doses of aspirin after a single and long-term administration on platelet aggregation in patients with ischemic heart disease] Khalfen ESh, et al. **Kardiologiia** 1984 Jul;24(7):74-7 (Eng. Abstr.) **(Rus)**

[Calcium sensitivity and aggregative capacity of thrombocytes in rats with spontaneous hypertension at rest and under stress] Rozenberg AE, et al. **Kardiologiia** 1984 Oct;24(10):99-101 **(Rus)**

[Thrombocyte aggregation during hormonal treatment of dysfunctional uterine hemorrhage] Mel'nikova VS, et al. **Lab Delo** 1985;(2):98-9 (Eng. Abstr.) **(Rus)**

[Use of disaggregants in treating diabetic retinopathy] Saldan IR. **Oftalmol Zh** 1984;(7):395-8 (Eng. Abstr.) **(Rus)**

[Acetylsalicylic acid and thrombocyte function] Shabalov NP, et al. **Pediatriia** 1984 Sep;(9):29-30 (Eng. Abstr.) **(Rus)**

[Platelet aggregation during the intake of sex steroids in patients with dysfunctional uterine hemorrhages in the climacteric] Marchenko LA. **Sov Med** 1985;(4):94-8 **(Rus)**

[Blood coagulation and thrombocyte aggregation in patients with diabetes mellitus after administration of insulin] Riabova EG, et al. **Sov Med** 1985;(2):18-22 (Eng. Abstr.) **(Rus)**

[Effect of nitroglycerin on platelet aggregation in acute myocardial infarct] Shilov AM, et al. **Sov Med** 1984;(9):3-7 (Eng. Abstr.) **(Rus)**

[Mechanism of action of different inhibitors of thrombocyte aggregation] Lakin KM, et al. **Vestn Akad Med Nauk SSSR** 1984;(11):54-63 (19 ref.) (Eng. Abstr.) **(Rus)**

[Chemiluminescence of thrombocytes in thrombin-induced aggregation] Samal' AB, et al. **Vopr Med Khim** 1984;30(6):12-5 (Eng. Abstr.) **(Rus)**

[Thrombocytic hemostasis in the complex treatment of patients with ischemic heart disease] Khimenko PL, et al. **Vrach Delo** 1985 May;(5):53-6 (Eng. Abstr.) **(Rus)**

[Effect of alpha-tocopherol on thrombocyte aggregation activity in chronic cor pulmonale patients] Sakharchuk II, et al. **Vrach Delo** 1984 Aug;(8):41-3 (Eng. Abstr.) **(Rus)**

[The effect of Anturane and aspirin on thrombocyte aggregation] Ciko Z, et al. **Vojnosanit Pregl** 1984 Sep-Oct;41(5):341-5 (Eng. Abstr.) **(Scr)**

[Ticlopidine as something more than a platelet antiaggregant] Villaverde C, et al. **Arch Farmacol Toxicol** 1984 Aug;10(2):121-32 (Eng. Abstr.) **(Spa)**

[Mechanism of action of antiplatelet medication] Navarro JL, et al. **Sangre (Barc)** 1984;29(4-C):817-32 (97 ref.) **(Spa)**

RADIATION EFFECTS

UV light-induced changes in washed pig platelets. Krajewski T, et al. **Acta Biochim Pol** 1985;32(2):155-62

[The role of plasma lipid photooxidation in reducing thrombocyte aggregation under UV irradiation] Anosov AK, et al. **Dokl Akad Nauk SSSR** 1983;272(2):493-5 **(Rus)**

PLATELET COUNT

Accuracy of low platelet counts on the Coulter S-Plus IV. Cornbleet PJ, et al. **Am J Clin Pathol** 1985 Jan;83(1):78-80

Mean platelet volumes: facts or artifacts? Lippi U, et al. **Am J Clin Pathol** 1985 Jul;84(1):111-3

Spuriously high platelet counts [letter] Savage RA, et al. **Am J Clin Pathol** 1985 Sep;84(3):406-7

Spurious elevated platelet counts associated with bacteremia. Gloster ES, et al. **Am J Hematol** 1985 Mar;18(3):329-32

Simultaneous reticulocyte and platelet counting on a clinical flow cytometer. Vaughan WP, et al. **Am J Hematol** 1985 Apr;18(4):385-91

HELLP syndrome: pathologic entity or technical inadequacy? [letter] Greer IA, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):113-4

Platelet depletion in experimental myocardial infarction. Jolly SR, et al. **Basic Res Cardiol** 1985 May-Jun;80(3):269-79

A platelet function defect in preeclampsia. Kelton JG, et al. **Obstet Gynecol** 1985 Jan;65(1):107-9

EDTA-induced pseudothrombocytopenia. Recognizing a laboratory artifact. Payne BA. **Postgrad Med** 1985 Jun; 77(8):75-6

Platelet number and platelet volume in healthy young men during exercise and changes in posture. Jensen PN, et al. **Scand J Clin Lab Invest** 1984 Dec;44(8):735-8

Platelets and antithrombin III in uraemia: the acute effect of haemodialysis. Knudsen F, et al. **Scand J Clin Lab Invest** 1985 Jun;45(4):341-7

The effect of platelet number and haematocrit on whole blood thromboxane synthesis. Carter AJ, et al. **Thromb Haemost** 1985 Apr 22;53(2):225-7

The value of beta TG/PF4 ratio in patients with high platelet count [letter] Fabris F, et al. **Thromb Haemost** 1985 Apr 22;53(2):288-9

Platelet volume and count after severe prolonged physical effort. Kishk YT, et al. **Thromb Res** 1985 May 15; 38(4):439-42

[Reduction in thrombocyte volume and thrombocyte count in liver disease] Jørgensen BB, et al. **Ugeskr Laeger** 1984 Oct 15;146(42):3198-201 (Eng. Abstr.) **(Dan)**

[Transient normalization of the thrombocyte count in chronic idiopathic thrombocytopenia during pneumonia] Pestalozzi DM, et al. **Schweiz Med Wochenschr** 1985 Mar 16; 115(11):375-7 (Eng. Abstr.) **(Ger)**

[The use of solidified thrombocytes as control material for thrombocyte counting on the Laborscale and Picoscale] Diederich G. **Z Med Lab Diagn** 1984;25(5):275-81 (Eng. Abstr.) **(Ger)**

[Partial conservation of the splenic parenchyma in the prevention of hyposplenism after splenectomy. A note on modifications of blood platelet number from the 40th day until normalization (experimental research)] Di Vita G, et al. **Chir Ital** 1984 Apr;36(2):234-41 (Eng. Abstr.) **(Ita)**

[Pseudothrombocytopenia as the cause of an erroneous diagnosis of Werlhof's disease] Casals FJ, et al. **Med Clin (Barc)** 1985 May 11;84(18):721-6 (Eng. Abstr.) **(Spa)**

[Pseudothrombocytopenia caused by extraction of the blood using ethylenediaminetetraacetic acid (EDTA). A cause of diagnostic error] Feliu E, et al. **Med Clin (Barc)** 1985 May 11;84(18):738-9 **(Spa)**

[Pseudothrombocytopenia caused by EDTA; a possible cause of an erroneous diagnosis of Werlhof's disease (letter)] Gardella S, et al. **Med Clin (Barc)** 1985 May 11;84(18):755 **(Spa)**

[EDTA-dependent thrombocytopenia (letter)] Muga Bustamante R, et al. **Med Clin (Barc)** 1985 May 11; 84(18):754-5 **(Spa)**

[Variations in the platelet count of alcoholic patients after ingestion of this toxic agent and after abstention] Romero Vega E, et al. **Rev Clin Esp** 1984 Nov 15-30;175(3-4):137-9 (Eng. Abstr.) **(Spa)**

[H.E.L.L.P. syndrome] Trezza JS, et al. **Rev Fac Cien Med Univ Nac Cordoba** 1983;41(3-4):44-7 (Eng. Abstr.) **(Spa)**

[Quality control of concentrates of platelets and leukocytes] Puig L, et al. **Sangre (Barc)** 1984;29(6):1055-6 **(Spa)**

INSTRUMENTATION

Giant platelets on the Technicon H6000. Busnardo MS. **Am J Clin Pathol** 1985 Jun;83(6):728-30

[Platelet count and distribution of platelet volume in whole blood using a Coulter S Plus. Demonstration of errors not detected by the apparatus] Dumoulin-Lagrange M, et al. **Nouv Rev Fr Hematol** 1984;26(6):403-8 (Eng. Abstr.) **(Fre)**

[Pseudothrombocytopenia--an error in the determination of thrombocyte count] Rosenkranz B, et al. **Dtsch Med Wochenschr** 1985 Mar 29;110(13):492-5 (Eng. Abstr.) **(Ger)**

[Thrombocyte counting with the Laborscale (PSL-1/PSA-1) particle-counting instrument by Medicor (Budapest/Hungary) and thrombocyte volume analysis in the diagnosis of selected thrombocytopathies] Ruby C, et al. **Folia Haematol (Leipz)** 1984;111(5):662-70 (Eng. Abstr.) **(Ger)**

[The Coulter counter S-plus model: accuracy and normal values in platelet count] Biliotti G, et al. **Quad Sclavo Diagn** 1984 Mar;20(1):63-71 (Eng. Abstr.) **(Ita)**

[Investigation on new instrument whole blood platelet analyzer Baker 810] Matsuno K, et al. **Rinsho Byori** 1984 Aug;32(8):913-7 **(Jpn)**

PLATELET-DERIVED GROWTH FACTOR

Predicted secondary structure and hydrophobic cores of T-cell (TCGF or IL-2) and platelet-derived growth factors as well as of transforming protein p28sis of simian sarcoma virus are similar to those of interferons. Zav'yalov VP, et al. **Immunol Lett** 1985;10(2):71-9

Detection of c-sis transcripts and synthesis of PDGF-like proteins by human osteosarcoma cells. Graves DT, et al. **Science** 1984 Nov 23;226(4677):972-4

ANALYSIS

Platelet-derived growth factor. Heldin CH, et al. **Mol Cell Endocrinol** 1985 Mar;39(3):169-87 (190 ref.)

ANTAGONISTS & INHIBITORS

Protamine inhibits platelet derived growth factor receptor activity but not epidermal growth factor activity. Huang JS, et al. **J Cell Biochem** 1984;26(4):205-20

BIOSYNTHESIS

Locally acting growth factors for vascular smooth muscle cells: endogenous synthesis and release from platelets. Bowen-Pope DF, et al. **Circulation** 1985 Oct;72(4):735-40 (56 ref.)

Production of PDGF-like growth factors by embryonal carcinoma cells and binding of PDGF to their endoderm-like differentiated cells. Rizzino A, et al. **Dev Biol** 1985 Jul;110(1):15-22

Production of PDGF-like growth factor by breast cancer cell lines. Rozengurt E, et al. **Int J Cancer** 1985 Aug 15; 36(2):247-52

Regulation of production of a platelet-derived growth factor-like protein by cultured bovine aortic endothelial cells. Fox PL, et al. **J Cell Physiol** 1984 Nov;121(2):298-308

Developmentally regulated production of platelet-derived growth factor-like molecules. Seifert RA, et al. **Nature** 1984 Oct 18-24;311(5987):669-71

Arterial smooth muscle cells in primary culture produce a platelet-derived growth factor-like protein. Nilsson J, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4418-22

Synthesis and secretion of proteins resembling platelet-derived growth factor by human glioblastoma and fibrosarcoma cells in culture. Pantazis P, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2404-8

DIAGNOSTIC USE

Platelet-derived growth factor labeled to colloidal gold for use as a mitogenic receptor probe. Handley DA, et al. **Eur J Cell Biol** 1984 Jul;34(2):281-6

GENETICS

Coexpression of a PDGF-like growth factor and PDGF receptors in a human osteosarcoma cell line: implications for autocrine receptor activation. Betsholtz C, et al. **Cell** 1984 Dec;39(3 Pt 2):447-57

Expression of the normal human sis/PDGF-2 coding sequence induces cellular transformation. Gazit A, et al. **Cell** 1984 Nov;39(1):89-97

Coexpression of the sis and myc proto-oncogenes in developing human placenta suggests autocrine control of trophoblast growth. Goustin AS, et al. **Cell** 1985 May; 41(1):301-12

The v-sis/PDGF-2 transforming gene product localizes to cell membranes but is not a secretory protein. Robbins KC, et al. **EMBO J** 1985 Jul;4(7):1783-92

Prediction of the conformation and antigenic determinants of the V-sis viral oncogene product homologous with human platelet-derived growth factor. Robson B, et al. **Int J Pept Protein Res** 1985 Jan;25(1):1-8

Cultured human endothelial cells express platelet-derived growth factor B chain: cDNA cloning and structural analysis. Collins T, et al. **Nature** 1985 Aug 22-28; 316(6030):748-50

Nucleotide sequence of transforming human c-sis cDNA clones with homology to platelet-derived growth factor. Ratner L, et al. **Nucleic Acids Res** 1985 Jul 25; 13(14):5007-18

Expression of the sis gene by endothelial cells in culture and in vivo. Barrett TB, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6772-4

In vitro mutagenesis of the v-sis transforming gene defines functional domains of its growth factor-related product. King CR, et al. **Proc Natl Acad Sci USA** 1985 Aug; 82(16):5295-9

Modulation of the sis gene transcript during endothelial cell differentiation in vitro. Jaye M, et al. **Science** 1985 May 17;228(4701):882-5

IMMUNOLOGY

Platelet-derived growth factor is chemotactic for human retinal pigment epithelial cells. Campochiaro PA, et al. **Arch Ophthalmol** 1985 Apr;103(4):576-9

Detection of high molecular weight forms of platelet-derived growth factor by sequence-specific antisera. Niman HL, et al. **Science** 1984 Nov 9;226(4675):701-3

ISOLATION & PURIFICATION

New procedure for purification of human platelet-derived growth factor. Czyrski JA, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(5):589-98

Properties of purified bovine platelet-derived growth factor stimulating proliferation of human and mouse fibroblasts. Narczewska B, et al. **Can J Biochem Cell Biol** 1985 Mar; 63(3):187-94

Purification and properties of porcine platelet-derived growth factor. Stroobant P, et al. **EMBO J** 1984 Dec 1; 3(12):2963-7

A platelet factor stimulating the proliferation of vascular endothelial cells. Partial purification and characterization. Miyazono K, et al. **Exp Cell Res** 1985 Aug;159(2):487-94

Purification of human platelet-derived growth factor. Raines EW, et al. **Methods Enzymol** 1985;109:749-73

METABOLISM

Stimulation of tyrosine phosphorylation by platelet-derived growth factor. Ek B, et al. **Biochem Soc Trans** 1984 Oct; 12(5):759-62

Platelet-derived growth factor: morphologic and biochemical studies of binding, internalization, and degradation. Rosenfeld ME, et al. **J Cell Physiol** 1984 Nov; 121(2):263-74

Methods for studying the platelet-derived growth factor receptor. Bowen-Pope DF, et al. **Methods Enzymol** 1985; 109:69-100

Purification of the platelet-derived growth factor receptor by using an anti-phosphotyrosine antibody. Daniel TO, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2684-7

Blockade of autocrine stimulation in simian sarcoma virus-transformed cells reverses down-regulation of platelet-derived growth factor receptors. Garrett JS, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7466-70

PHARMACODYNAMICS

The phospholipase C diglyceride lipase pathway contributes to arachidonic acid release and prostaglandin E2 formation in platelet-derived growth factor stimulated Swiss 3T3 cells. Habenicht AJ, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:37-9

Platelet-derived growth factor stimulates Na+ influx in vascular smooth muscle cells. Owen NE. **Am J Physiol** 1984 Nov;247(5 Pt 1):C501-5

Prostaglandin E1 inhibits DNA synthesis in arterial smooth muscle cells stimulated with platelet-derived growth factor. Nilsson J, et al. **Atherosclerosis** 1984 Oct;53(1):77-82

Platelet derived growth factor induces ornithine decarboxylase activity in NIH 3T3 cells. Vicenzi E, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):843-8

Platelet-derived growth factor stimulates chemotaxis and nucleic acid synthesis in the protozoan Tetrahymena. Andersen HA, et al. **Biochim Biophys Acta** 1984 Sep 10; 782(4):437-40

Platelet-derived growth factor promotes human peripheral monocyte activation. Tzeng DY, et al. **Blood** 1985 Jul; 66(1):179-83

Platelet-derived growth factor promotes polymorphonuclear leukocyte activation. Tzeng DY, et al. **Blood** 1984 Nov; 64(5):1123-8

The regulation of c-myc by growth signals. Kelly K, et al. **Curr Top Microbiol Immunol** 1984;113:117-26

Exposure to platelet-derived growth factor modulates the porcine aortic smooth muscle cell response to somatomedin-C. Clemmons DR. **Endocrinology** 1985 Jul; 117(1):77-83

Effects of platelet-derived growth factor on Ca2+ in 3T3 cells. Frantz CN. **Exp Cell Res** 1985 Jun;158(2):287-300

Involvement of Ca2+ in platelet-derived growth factor-induced expression of c-myc oncogene in Swiss 3T3 fibroblasts. Tsuda T, et al. **FEBS Lett** 1985 Jul 22; 187(1):43-6

Effects of platelet-derived growth factor and epidermal growth factor on antigen-induced proliferation of human T-cell lines. Acres RB, et al. **Immunology** 1985 Jan; 54(1):9-16

Induction of collagenase secretion in human fibroblast cultures by growth promoting factors. Chua CC, et al. **J Biol Chem** 1985 May 10;260(9):5213-6

Cell cycle-dependent changes in arachidonic acid and glycerol metabolism in Swiss 3T3 cells stimulated by platelet-derived growth factor. Habenicht AJ, et al. **J Biol Chem** 1985 Feb 10;260(3):1370-3

beta-Interferon alters the pattern of proteins secreted from quiescent and platelet-derived growth factor-treated BALB/c-3T3 cells. Tominaga S, et al. **J Biol Chem** 1985 Feb 25;260(4):1975-8

PDGF stimulates transient phosphorylation of 180,000 dalton protein. Harrington MA, et al. **J Cell Biochem** 1985; 27(2):67-81

Platelet-derived growth factor-induced alterations in vinculin and actin distribution in BALB/c-3T3 cells. Herman B, et al. **J Cell Biol** 1985 Apr;100(4):1031-40

Platelet-derived growth factor and heparin-like glycosaminoglycans regulate thrombospondin synthesis and deposition in the matrix by smooth muscle cells. Majack RA, et al. **J Cell Biol** 1985 Sep;101(3):1059-70

Growth control variant cell line having increased serum requirement and decreased response to platelet-derived growth factor: reversion by 5-azacytidine. Straus DS, et al. **J Cell Biol** 1984 Nov;99(5):1838-47

Modulation of the platelet-derived growth factor induced replicative response. Scher CD, et al. **J Cell Physiol** 1985 Apr;123(1):10-6

Cell-cycle-specific induction of quiescence achieved by limited inhibition of protein synthesis: counteractive effect of addition of purified growth factors. Larsson O, et al. **J Cell Sci** 1985 Feb;73:375-87

The isolation and activity of growth-stimulating factors from human platelets. Dresow B, et al. **J Clin Chem Clin Biochem** 1984 Aug;22(8):527-33

Platelet-derived growth factor enhances in vitro erythropoiesis via stimulation of mesenchymal cells. Delwiche F, et al. **J Clin Invest** 1985 Jul;76(1):137-42

Human platelet-derived growth factor stimulates prostaglandin synthesis by activation and by rapid de novo synthesis of cyclooxygenase. Habenicht AJ, et al. **J Clin Invest** 1985 Apr;75(4):1381-7

Platelet-derived growth factor and multiplication-stimulating activity II, but not multiplication-stimulating activity III-2, stimulate [3H]thymidine and [35S]sulphate incorporation by fetal rat costal cartilage in vitro. Hill DJ, et al. **J Endocrinol** 1984 Nov;103(2):195-203

The role of platelet-derived growth factor on human pluripotent progenitor (CFU-GEMM) growth in vitro. Michalevicz R, et al. **Leuk Res** 1985;9(3):399-405

Responsiveness of the in vitro hematopoietic microenvironment to platelet-derived growth factor. Rosenfeld M, et al. **Leuk Res** 1985;9(4):427-34

Analysis of the reduced growth factor dependency of simian virus 40-transformed 3T3 cells. Powers S, et al. **Mol Cell Biol** 1984 Aug;4(8):1572-6

Platelet-derived growth factor induces rapid but transient expression of the c-fos gene and protein. Kruijer W, et al. **Nature** 1984 Dec 20-1985 Jan 2;312(5996):711-6

Stimulation of in vitro human skin collagenase expression by platelet-derived growth factor. Bauer EA, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4132-6

Platelet-derived growth factor mimics phorbol diester action on epidermal growth factor receptor phosphorylation at threonine-654. Davis RJ, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4080-4

Expression of the c-fos gene and of an fos-related gene is stimulated by platelet-derived growth factor. Cochran BH, et al. **Science** 1984 Nov 30;226(4678):1080-2

Influence of human platelet factors on the proliferation of rat mesangial glomerular cells. Tranqui I, et al. **Thromb Res** 1985 Jul 15;39(2):245-51

[Tissue proliferation by thrombocyte growth factor] Dresow B, et al. **Handchir Mikrochir Plast Chir** 1984 Dec; 16(4):251-3 (Eng. Abstr.) **(Ger)**

[Effect of a thrombocyte extract and thrombocyte-poor plasma on the proliferative activity of connective tissue cells] Blagosklonnyi MV, et al. **Fiziol Cheloveka** 1984 Jul-Aug;10(4):676-8 **(Rus)**

PHYSIOLOGY

The platelet-derived growth factor receptor. Bowen-Pope DF, et al. **Int J Neurosci** 1985 Apr;26(1-2):141-53

Platelets, platelet-derived growth factor, growth control, and their interactions with the vascular wall. Ross R. **J Cardiovasc Pharmacol** 1985;7 Suppl 3:S186-90

Dissociation of the chemotactic and mitogenic activities of platelet-derived growth factor by human neutrophil elastase. Senior RM, et al. **J Cell Biol** 1985 Feb;100(2):351-6

Can collagen metabolism be controlled? Grotendorst G. **J Trauma** 1984 Sep;24(9 Suppl):S49-54

Autocrine control of growth? [news] Stiles CD. **Nature** 1984 Oct 18-24;311(5987):604-5

Platelet-derived growth factor agonist activity of a secreted form of the v-sis oncogene product. Johnsson A, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1721-5

Mechanisms initiating cellular proliferation. Olashaw NE, et al. **Symp Fundam Cancer Res** 1984;37:31-44

[Platelet-derived growth factor in normal and malignant cell growth] Heldin CH, et al. **Nord Med** 1984;99(12):319-22 (Eng. Abstr.) **(Nor)**

[Platelet-derived growth factor: mechanism of action and role in the development of diseases] Almazov VA, et al. **Ter Arkh** 1984;56(7):144-7 (59 ref.) **(Rus)**

SECRETION

Expression of the c-sis gene and secretion of a platelet-derived growth factor-like protein by simian virus 40-transformed BHK cells. Betsholtz C, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):753-60

PLATELET FACTOR 3 see under **BLOOD COAGULATION FACTORS**

PLATELET FACTOR 4

Clearance and in vivo release by heparin of human platelet factor 4 (PF4) in the rabbit. Prosdocimi M, et al. **Thromb Haemost** 1984 Oct 31;52(2):157-9

ANALYSIS

Beta-thromboglobulin and platelet factor 4 in polycythemia patients treated by ticlopidine. Najean Y, et al. **Acta Haematol (Basel)** 1984;72(2):83-9

beta-thromboglobulin (beta-TG) and platelet factor 4 (PF4) in obstetrical cases. Arocha-Piñango CL, et al. **Acta Obstet Gynecol Scand** 1985;64(2):115-20

Influence of antiplatelet drugs on beta tg and PF4 levels in patients with transient ischemic attacks. Fabris F, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:263-5

Serial studies of platelet factor 4 and beta thromboglobulin during exercise in patients with coronary artery disease. Strauss WE, et al. **Am Heart J** 1985 Aug;110(2):293-9

Intracoronary platelet activation in ischemic heart disease: effects of ticlopidine. Ugarte M, et al. **Am Heart J** 1985 Apr;109(4):738-43

Optimal techniques for the immunocytochemical demonstration of beta-thromboglobulin, platelet factor 4, and fibrinogen in the alpha granules of unstimulated platelets. Stenberg PE, et al. **Histochem J** 1984 Sep; 16(9):983-1001

Lack of elevation of platelet factor IV in plasma from patients with myocardial infarction. Jaffe AS, et al. **J Am Coll Cardiol** 1984 Oct;4(4):653-9

Platelet release in coronary heart disease: effect of antiplatelet drugs and coronary artery bypass graft. Al-Mondhiry H, et al. **J Lab Clin Med** 1985 Mar;105(3):397-402

Platelets in asthma [letter] Greer IA, et al. **Lancet** 1984 Dec 22;2(8417-18):1479

Platelet alpha granule release in diabetes mellitus. Sacchi S, et al. **Scand J Clin Lab Invest** 1985 Apr;45(2):165-8

beta-Thromboglobulin and platelet factor 4 levels in a case of acute thrombotic thrombocytopenic purpura. McRoyan DK, et al. **South Med J** 1985 Jun;78(6):745-8

The value of beta TG/PF4 ratio in patients with high platelet count [letter] Fabris F, et al. **Thromb Haemost** 1985 Apr 22;53(2):288-9

Platelet specific proteins in plasma protein fraction and human albumin [letter] Kent JP, et al. **Thromb Haemost** 1984 Jul 29;51(3):406

Standardization of beta-thromboglobulin (beta-TG) and platelet factor 4 (PF4): a collaborative study to establish international standards for beta-TG and PF4. Kerry PJ, et al. **Thromb Haemost** 1985 Feb 18;53(1):51-5

Detection of enhanced in vivo platelet alpha-granule release in different patient groups--comparison of beta-thromboglobulin, platelet factor 4 and thrombospondin assays. Lane DA, et al. **Thromb Haemost** 1984 Oct 31;52(2):183-7

Intra-platelet platelet factor 4 (IP.PF4) and the heparin-mobilisable pool of PF4 in health and atherosclerosis. O'Brien JR, et al. **Thromb Haemost** 1984 Jul 29;51(3):354-7

Does the beta TG/PF4 ratio have any value in myeloproliferative diseases? [letter] Viero P, et al. **Thromb Haemost** 1984 Jul 29;51(3):411

A double antibody sandwich microELISA for measuring human platelet factor 4. Bauch HJ, et al. **Thromb Res** 1985 Mar 1;37(5):573-82

[Clinical studies on plasma platelet factor 4 in patients with bronchial asthma. Changes in bronchial inhalation tests by allergen and acetylcholine] Toga H, et al. **Arerugi** 1984 Aug;33(8):474-9 (Eng. Abstr.) **(Jpn)**

[Clinical usefulness of the measurement of plasma platelet release factors in surgical patients with cardiovascular diseases] Kawada T, et al. **Rinsho Kyobu Geka** 1984 Jul; 4(4):455-62 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

Inhibition of human neutrophil receptor-mediated uptake of N-formyl-met-leu-phe by platelet factor 4 (59-70). Goldman DW, et al. **Immunology** 1985 Jan;54(1):163-72

METABOLISM

The interaction of platelet factor four and glycosaminoglycans. Loscalzo J, et al. **Arch Biochem Biophys** 1985 Jul;240(1):446-55

Complementary adhesive responses of human skin fibroblasts to the cell-binding domain of fibronectin and the heparan sulfate-binding protein, platelet factor-4. Beyth RJ, et al. **Exp Cell Res** 1984 Dec;155(2):537-48

Neurite extension by neuroblastoma cells on substratum-bound fibronectin's cell-binding fragment but not on the heparan sulfate-binding protein, platelet factor-4. Tobey SL, et al. **Exp Cell Res** 1985 Jun; 158(2):395-412

Plasma levels of betathromboglobulin and platelet factor 4 in peripheral vascular disease. Blättler W, et al. **Vasa** 1984; Suppl 12:75-80

[Substances released by platelets. 1. beta-TG and PF 4] Niikura H. **Rinsho Byori** 1985 Apr;Spec No 62:46-59 (37 ref.) **(Jpn)**

PHYSIOLOGY

Interaction of platelet factor 4 with human platelets. Capitanio AM, et al. **Biochim Biophys Acta** 1985 Apr 17; 839(2):161-73

Platelet factor 4 release induced by intravenous administration of heparin. Cella G, et al. **Folia Haematol (Leipz)** 1985;112(1):165-74

Modulation of heparin cofactor II activity by histidine-rich glycoprotein and platelet factor 4. Tollefsen DM, et al. **J Clin Invest** 1985 Feb;75(2):496-501

In vivo studies on the binding of heparin and its fractions with platelet factor 4. Walz DA, et al. **Semin Thromb Hemost** 1985 Jan;11(1):40-7 (64 ref.)

The release of platelet factor 4 (PF4) induced by heparin and related glycosaminoglycans (GAGs) [letter] Cella G, et al. **Thromb Haemost** 1984 Aug 31;52(1):94-5

Platelet factor 4 does not promote von Willebrand factor binding to human platelets. Levine SP, et al. **Thromb Res** 1984 Nov 1;36(3):233-43

SECRETION

Centripetal myosin redistribution in thrombin-stimulated platelets. Relationship to platelet Factor 4 secretion. Painter RG, et al. **Exp Cell Res** 1984 Nov;155(1):198-212

PLATELET FUNCTION TESTS

Prolonged Simplate bleeding time in hemophilia A: a relationship to age? [letter] **Am J Clin Pathol** 1985 Aug; 84(2):259-61

The prolonged bleeding time in hemophilia A: comparison of two measuring technics and clinical associations. Smith PS, et al. **Am J Clin Pathol** 1985 Feb;83(2):211-5

The bleeding time as a preoperative screening test. Barber A, et al. **Am J Med** 1985 May;78(5):761-4

Dose-related prolongation of the bleeding time by intravenous nitroglycerin. Lichtenthal PR, et al. **Anesth Analg** 1985 Jan;64(1):30-3

Micromethod for bleeding time in the newborn. Rennie JM, et al. **Arch Dis Child** 1985 Jan;60(1):51-3

Effect of volatile anaesthetics and nitrous oxide-fentanyl anaesthesia on bleeding time. Fyman PN, et al. **Br J Anaesth** 1984 Nov;56(11):1197-200

Low haematocrit and prolonged bleeding time in uraemic patients: effect of red cell transfusions. Fernandez F, et al. **Br J Haematol** 1985 Jan;59(1):139-48

What about the bleeding time? [editorial] Hamblin TJ. **Br Med J [Clin Res]** 1985 Jul 13;291(6488):91

Shortened bleeding time in acute myocardial infarction and its relation to platelet mass. Milner PC, et al. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1767-70

Platelet and other tests followed sequentially for 14 days after operation. O'Brien JR, et al. **Clin Lab Haematol** 1984; 6(3):239-45

The bleeding time: current practice in the UK. Poller L, et al. **Clin Lab Haematol** 1984;6(4):369-73

Reduced response of uraemic bleeding time to repeated doses of desmopressin [letter] Canavese C, et al. **Lancet** 1985 Apr 13;1(8433):867-8

Renal biopsy in patients with acute renal failure and prolonged bleeding time [letter] Gotti E, et al. **Lancet** 1984 Oct 27;2(8409):978-9

A platelet function defect in preeclampsia. Kelton JG, et al. **Obstet Gynecol** 1985 Jan;65(1):107-9

Elevated bleeding time and epistaxis associated with piperacillin therapy [letter] Moore M, et al. **South Med J** 1985 Mar;78(3):363

Measurement of the bleeding time. Mielke CH. **Thromb Haemost** 1984 Oct 31;52(2):210-1

Association between bleeding time and platelet adherence to artery subendothelium. Sakariassen KS, et al. **Thromb Haemost** 1984 Oct 31;52(2):144-7

[The role of erythrocyte deformability in the prolonged bleeding time in liver disease patients] Moia M, et al. **Ric Clin Lab** 1985;15 Suppl 1:213-8 (Eng. Abstr.) **(Ita)**

[Platelet function tests with clinical significance] Vicente Garcia V. **Sangre (Barc)** 1984;29(4-C):783-97 **(Spa)**

METHODS

Platelet function in leukaemias. Tiwari NN, et al. **J Assoc Physicians India** 1984 Sep;32(9):805-7

Comment on 'A biological approach to the platelet survival curve' [letter] Lötter MG, et al. **Phys Med Biol** 1984 Aug, 29(8):991-3

Methods in dose response platelet aggregometry. Thompson SG, et al. **Thromb Haemost** 1985 Apr 22;53(2):216-8

Sources of variability in dose response platelet aggregometry. Vickers MV, et al. **Thromb Haemost** 1985 Apr 22; 53(2):219-20

An assessment of whole blood impedance aggregometry using blood from normal subjects and haemodialysis patients. Gordge MP, et al. **Thromb Res** 1984 Oct 1; 36(1):17-27

A method of testing platelet aggregation in native whole blood. Zwierzina WD, et al. **Thromb Res** 1985 Apr 1; 38(1):91-100

Platelet hyperactivity during acute migraine attack. Fitscha P, et al. **Vasa** 1984;13(3):224-7

Follow-up of in-vivo platelet function (platelet half-life, thromboxane B2) in patients with coronary heart disease. Fitscha P, et al. **Vasa** 1984;13(4):338-42

[Development of laboratory examination for hemostasis and thrombosis and its problems. Platelet function tests] Tsukada T. **Rinsho Ketsueki** 1984 Jun;25(6):801-9 (Eng. Abstr.) **(Jpn)**

PLATELET NUMBER see **PLATELET COUNT**

PLATELETPHERESIS see under **CELL SEPARATION**

PLATELETS see **BLOOD PLATELETS**

PLATINUM

Estimation of the extent of platination and the sites of Pt binding after interaction of cis- and trans-diamminedichloroplatinum(II) with DNA and chromatin. Oliński R, et al. **Acta Biochim Pol** 1985; 32(2):119-25

Electron spectroscopic (ESCA) studies of platinum surfaces used for enzyme electrodes. Proctor A, et al. **Anal Chem** 1985 Jul;57(8):1644-9

Microscale syntheses of anti-tumour platinum compounds labelled with 191Pt. Baer J, et al. **Int J Appl Radiat Isot** 1985 Mar;36(3):181-4

Synthesis and spectroscopic studies of potential anticancer [platinum(II)(2,2'-bipyridine)(amino acid)]n+ (n = 1 or

2) complexes. Kumar L, et al. **J Inorg Biochem** 1985 Jan; 23(1):1-11

Marginal opening of single and twin platinum foil-bonded aluminous porcelain crowns. Faull TW, et al. **J Prosthet Dent** 1985 Jan;53(1):29-33

In vivo and in vitro effectivity of some platinum complexes. Balážová E, et al. **Neoplasma** 1984;31(6):641-7

Drug resistance induction and cross-resistance studies with Pt-complexes. Hrubiško M, et al. **Neoplasma** 1984; 31(6):649-53

[Interaction of bifunctional binuclear platinum compounds with IMP and poly(I)] Vlasov VV, et al. **Bioorg Khim** 1983 Apr;9(4):530-8 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Implanted material tolerance studies for a multiple-channel cochlear prosthesis. Shepherd RK, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;411:71-81

Platinum allergy. Boggs PB. **Cutis** 1985 Apr;35(4):318-20

[Bronchial asthma due to inhaled chloroplatinate] Shima S, et al. **Sangyo Igaku** 1984 Nov;26(6):500-9 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Platinum determination in cis-dichlorodiammineplatinum(II)--DNA complexes by differential pulse polarography. Vrána O, et al. **Anal Biochem** 1984 Oct;142(1):16-23

Sequential measurement of intratumoral platinum concentration in cervix uterine tumors after cis-dichlorodiammineplatinum (CDDP) administration. Vennin P, et al. **Anticancer Res** 1985 Jul-Aug;5(4):369-70

BLOOD

A high-performance liquid chromatographic assay with improved selectivity for cisplatin and active platinum (II) complexes in plasma ultrafiltrate. Andrews PA, et al. **Anal Biochem** 1984 Nov 15;143(1):46-56

IMMUNOLOGY

Cross reactivity studies with platinum group metal salts in platinum-sensitised rats. Murdoch RD, et al. **Int Arch Allergy Appl Immunol** 1985;77(4):456-8

ISOLATION & PURIFICATION

Isolation of the adducts of platinum complexes and nucleic acid bases on the Dowex 50 W column. Oliński R, et al. **Z Naturforsch [C]** 1984 Nov-Dec;39(11-12):1052-6

METABOLISM

Biliary excretion of platinum in a patient treated with cis-dichlorodiammineplatinum (II). Shelley MD, et al. **Antimicrob Agents Chemother** 1985 Feb;27(2):275-6

Cystic fluid-platinum kinetics in ovarian cancer patients: relevance to cis-dichlorodiammine platinum (II) sensitivity testing in vitro. Shelley MD, et al. **Br J Cancer** 1985 Aug; 52(2):275-7

Biliary excretion of platinum in rats after administration of cisplatin and aqua(1,1-bis(aminomethyl)-cyclohexane)sulfatoplatinum(II (spiroplatin, TNO-6). Van der Vijgh WJ, et al. **Cancer Lett** 1985 Aug;28(1):103-9

The quantitative detection of various Pt-DNA-adducts in Chinese hamster ovary cells treated with cisplatin: application of immunochemical techniques. Plooy AC, et al. **Carcinogenesis** 1985 Apr;6(4):561-6

PHARMACODYNAMICS

The role of platinum matrix in porcelain jacket crowns. Piddock V, et al. **Br Dent J** 1984 Oct 20;157(8):275-80

Characteristics of inhibition of human renal adenosine triphosphatases by cisplatin and chloroplatinic acid. Nechay BR, et al. **Cancer Treat Rep** 1984 Sep;68(9):1135-41

Immunological responses to complex salts of platinum. II. Enhanced IgE antibody responses to ovalbumin with concurrent administration of platinum salts in the rat. Murdoch RD, et al. **Clin Exp Immunol** 1984 Nov; 58(2):478-85

Antitumor activity and toxicity of serum protein-bound platinum formed from cisplatin. Takahashi K, et al. **Gann** 1985 Jan;76(1):68-74

Radiation and platinum drug interaction. Nias AH. **Int J Radiat Biol** 1985 Sep;48(3):297-314 (48 ref.)

[Platinum derivatives--cross-linking reagents for research on tRNA interaction with aminoacyl-tRNA-synthetases] Tukalo MA, et al. **Dokl Akad Nauk SSSR** 1985; 280(6):1484-7 **(Rus)**

TOXICITY

Effects on the development of offspring of female mice exposed to platinum sulfate or sodium hexachloroplatinate during pregnancy or lactation. D'Agostino RB, et al. **J Toxicol Environ Health** 1984;13(4-6):879-91

PLATINUM DIAMMINODICHLORIDE see **CISPLATIN**

PLATYBASIA

see related
ARNOLD-CHIARI DEFORMITY

COMPLICATIONS

Foramen magnum syndrome caused by a dolichoodontoid process. Yanai Y, et al. **Surg Neurol** 1985 Jul;24(1):95-100

PHYSIOPATHOLOGY

Brainstem auditory evoked potential (BAEP) abnormalities in subjects with craniovertebral malformations. Sollazzo D, et al. **Ital J Neurol Sci** 1985 Jun;6(2):185-9

RADIOGRAPHY

Hypoplasia of the basi-occipital bone and persistence of the spheno-occipital synchondrosis in a patient with transitory supplementary fissure of the basi-occipital. Wackenheim A. **Neuroradiology** 1985;27(3):226-31

Basilar impression in children. Teodori JB, et al. **Pediatrics** 1984 Dec;74(6):1097-9

[Platybasia, skull base prolapse, syringomyelia, and Chiari's anomaly] Tada S. **Rinsho Hoshasen** 1984 Sep;29(9):1041-2 **(Jpn)**

[Occipitalization of the atlas (Wackenheim III), basilar impression, chiari malformation (I) and paracondyloid process] Tada S. **Rinsho Hoshasen** 1984 Oct;29(10):1139-40 **(Jpn)**

PLATYHELMINTHS

CYTOLOGY

Immunocytochemical demonstration of peptidergic neurons in the central and peripheral nervous systems of the flatworm Microstomum lineare with antiserum to FMRF-amide. Reuter M, et al. **Cell Tissue Res** 1984; 238(3):431-6

PLATYPUS see under **MONOTREMATA**

PLATYRRHINA see **CEBIDAE**

PLAY AND PLAYTHINGS

Stereotyped behavior of severely disabled children in classroom and free-play settings. Thompson TJ, et al. **Am J Ment Defic** 1985 May;89(6):580-6

A friend in need. Hornyak SL. **Am J Nurs** 1984 Dec; 84(12):1552

Play techniques with neurologically impaired preschoolers. Sparling JW, et al. **Am J Occup Ther** 1984 Sep;38(9):603-12

'Red rover': an expression of the psychic struggle toward separation-individuation. Rabinowitz J. **Am J Psychoanal** 1984 Winter;44(4):425-30

Rationale and experience with visual analogue toys [letter] White JB, et al. **Anaesthesia** 1985 Jun;40(6):601-3

The prevalence of Toxocara eggs in the sand in children's playgrounds in Frankfurt/M. Düwel D. **Ann Trop Med Parasitol** 1984 Dec;78(6):633-6

Inhaled non-radio-opaque foreign bodies [letter] Goel KM. **Arch Dis Child** 1985 Mar;60(3):289

On the notion of doll's eyes. Roberts TA, et al. **Arch Neurol** 1984 Dec;41(12):1242-3

Sex-typing behavior and sex-typing pressure in child/parent interaction. Jacklin CN, et al. **Arch Sex Behav** 1984 Oct; 13(5):413-25

Temporal consistency of individual differences in cardiac response to a video game. Carroll D, et al. **Biol Psychol** 1984 Sep;19(2):81-93

Injury to cervical spine after a game of British bulldog. Spencer JD, et al. **Br Med J [Clin Res]** 1985 Jun 22; 290(6485):1888-9

Doll shoes: the cause of behavioural problems? [letter] Leung AK. **Can Med Assoc J** 1984 Nov 15;131(10):1193

Toward the development of a play performance scale for children (PPSC). Lansky LL, et al. **Cancer** 1985 Oct 1;56(7 Suppl):1837-40

Bridging the gap: parent-child play interaction and peer interactive competence. MacDonald K, et al. **Child Dev** 1984 Aug;55(4):1265-77

The relation of play and sensorimotor behavior to language in the second year. Ungerer JA, et al. **Child Dev** 1984 Aug; 55(4):1448-55

Childhood play as an analog to adult capacity to work. Cotton NS. **Child Psychiatry Hum Dev** 1984 Spring; 14(3):135-44

New friends. Heekin S. **Child Today** 1984 Sep-Oct;13(5):8-13

Playing with medicine: a historical perspective. Beierwaltes WH. **Henry Ford Hosp Med J** 1985;33(1):27-33

Puppetry as a therapeutic tool for hospitalized children. Alger I, et al. **Hosp Community Psychiatry** 1985 Feb; 36(2):129-30

Personality, psychopathology, and developmental issues in male adolescent video game use. Kestenbaum GI, et al. **J Am Acad Child Psychiatry** 1985 May;24(3):329-33

Teaching between-class generalization of toy play behavior to handicapped children. Haring TG. **J Appl Behav Anal** 1985 Summer;18(2):127-39

Language intervention: a pragmatic approach. Conant S, et al. **J Autism Dev Disord** 1984 Sep;14(3):301-17

The symbolic and object play of children with autism: a review. Wulff SB. **J Autism Dev Disord** 1985 Jun; 15(2):139-48 (26 ref.)

Symbolic play and early communication development in hearing-impaired children. Casby MW, et al. **J Commun Disord** 1985 Feb;18(1):67-78

Effects of video games on the adverse corollaries of chemotherapy in pediatric oncology patients: a single-case analysis. Kolko DJ, et al. **J Consult Clin Psychol** 1985 Apr; 53(2):223-8

Perceptual skill in the game of Othello. Wolff AS, et al. **J Psychol** 1984 Sep;118(1ST Half):7-16

Symbolic play in normal and language-impaired children. Terrell BY, et al. **J Speech Hear Res** 1984 Sep;27(3):424-9

Leads from the MMWR. Toy safety--United States, 1983. **JAMA** 1985 Jan 11;253(2):187

RSI and Space Invaders [letter] Browne C. **Med J Aust** 1985 Jan 7;142(1):76-7

Toward more elaborate pretend play. Li AK. **Ment Retard** 1985 Jun;23(3):131-6

Toy safety--United States, 1983. **MMWR** 1984 Dec 21; 33(50):697

The psychobiology of play: theoretical and methodological perspectives. Panksepp J, et al. **Neurosci Biobehav Rev** 1984 Winter;8(4):465-92 (117 ref.)

Social play in juvenile rats: a decade of methodological and experimental research. Thor DH, et al. **Neurosci Biobehav Rev** 1984 Winter;8(4):455-64

Stress reduction. A spectrum of strategies in pediatric oncology nursing. Gibbons MB, et al. **Nurs Clin North Am** 1985 Mar;20(1):83-103

Injuries at play. Greensher J, et al. **Pediatr Clin North Am** 1985 Feb;32(1):127-39

Legal approaches to injury prevention. Swartz EM. **Pediatr Clin North Am** 1985 Feb;32(1):213-9

Are toy guns too dangerous? Tanz R, et al. **Pediatrics** 1985 Feb;75(2):265-8

Modification of juvenile play and other social behaviour in the rat by neonatal progestins: further studies. Birke LI, et al. **Physiol Behav** 1984 Aug;33(2):217-9

Sexual play and its functional significance in the domestic sheep (Ovis aries L.). Orgeur P, et al. **Physiol Behav** 1984 Jul;33(1):111-8

Children's health and play in rural Nepal. Anderson R, et al. **Soc Sci Med** 1984;19(7):735-40

[Hanging accidents in children caused by the construction of play apparatus] Rosen T, et al. **Ugeskr Laeger** 1984 Sep 19;146(38):2905-6 (Eng. Abstr.) **(Dan)**

[Hygienic evaluation of toys for infants] Lewandowska-Malinowska I, et al. **Rocz Panstw Zakl Hig** 1984;35(3):249-52 (Eng. Abstr.) **(Pol)**

[Chess, anxiety and coronary disease] Duprat R, et al. **Arq Bras Cardiol** 1984 Jul;43(1):19-23 (Eng. Abstr.) **(Por)**

[Hygienic basis for the state standard, 'Toys. Safety requirements and methods of testing'] Stan VV. **Gig Sanit** 1984 Jul;(7):17-9 **(Rus)**

[Methodological approach to the hygienic evaluation of toys made of polymer materials] Stan VV. **Gig Sanit** 1984 Aug; (8):32-5 **(Rus)**

[Noisy toys--a risk of hearing injuries?] Axelsson A, et al. **Lakartidningen** 1984 Nov 7;81(45):4162-6 **(Swe)**

PLAY THERAPY

Autistic aloofness reconsidered. Case reports of two children in play therapy. Lowery EF. **Bull Menninger Clin** 1985 Mar;49(2):135-50

Play in the psychotherapy of selfobject relating. Henderson J. **Can J Psychiatry** 1984 Aug;29(5):417-24

METHODS

Bean bag chairs as versatile play objects in boys' latency groups. Fineberg BL. **Int J Group Psychother** 1984 Jul; 34(3):503-9

[Several aspects of play in the psychotherapy of the child] Rod AL, et al. **Psychiatr Enfant** 1985;28(1):135-60 **(Fre)**

PLEASURE-PAIN PRINCIPLE

Within the pleasure principle. Child analytic perspectives on aggression. Downey TW. **Psychoanal Study Child** 1984; 39:101-36

PLETHYSMOGRAPHY

A combined study of the strain gauge plethysmography and I-125 fibrinogen leg scan in the differentiation of deep vein thrombosis and postphlebitic syndrome. AbuRahma AF, et al. **Am Surg** 1984 Nov;50(11):585-8

Oculoplethysmography and supraorbital Doppler evaluation of carotid disease. A reappraisal. Perler BA, et al. **Am Surg** 1985 Feb;51(2):107-10

Instead of 'plethysmography': 'kenoseography' and 'plesmonegraphy'. Voorhoeve R, et al. **Angiology** 1985 Aug;36(8):541-2

Combined oculopneumoplethysmography and duplex scan. Use in the noninvasive cerebrovascular laboratory examination. Belkin M, et al. **Arch Surg** 1985 Jul; 120(7):809-11

Angiographic findings in mixed connective tissue disease.

Correlation with fingernail capillary photomicroscopy and digital photoplethysmography findings. Peller JS, et al. **Arthritis Rheum** 1985 Jul;28(7):768-74

Comparison of plethysmograms taken from finger and pinna during anaesthesia. Nijboer JA, et al. **Br J Anaesth** 1985 May;57(5):531-4

On line determination of airway resistance by plethysmography and microcomputer. Lorino AM, et al. **Comput Biol Med** 1985;15(4):197-203

Venous occlusion plethysmography in patients with cold related symptoms after digital salvage procedures. Kay S. **J Hand Surg [Br]** 1985 Jun;10(2):151-4

What does photoplethysmography measure? de Trafford J, et al. **Med Biol Eng Comput** 1984 Sep;22(5):479-80

Indications for functional examination in patients with peripheral arteriopathy [letter] De Vries AC, et al. **Neth J Surg** 1984 Dec;36(6):174-5

Individual differences in the responses to repeated bell sound bursts of heart rate and plethysmogram from the index finger. Kabuto M, et al. **Nippon Eiseigaku Zasshi** 1984 Aug;39(3):651-61

The frequent occurrence of false-positive results in phleborheography during pregnancy. Nicholas GG, et al. **Surg Gynecol Obstet** 1985 Aug;161(2):133-5

A new method of noninvasive estimation off ambulatory venous pressure [letter] Fischer M, et al. **Surgery** 1985 Feb;97(2):247-8

[Phalloplethysmographic reactions in perpetrators of sexual offenses against adult women] Zvěřina J. **Cas Lek Cesk** 1984 Nov 9;123(45):1381-3 (Eng. Abstr.) **(Cze)**

[Non-invasive exploration of the deep veins. Therapeutic implications in varicose patients] Battino A, et al. **J Mal Vasc** 1985;10 Suppl A:180-6 (Eng. Abstr.) **(Fre)**

[The amplification factor of the Hillestad reactional hyperemia test as a function of glucose status, clinical status and ankle pressure index] Becker F. **J Mal Vasc** 1985;10 Suppl A:57-61 (Eng. Abstr.) **(Fre)**

[Clinical results of lumbar sympathectomy as a function of the amplification factor of Hillestad's reactive hyperemia test. Apropos of a series of 72 cases of isolated lumbar sympathectomies] Becker F, et al. **J Mal Vasc** 1985;10 Suppl A:77-83 (Eng. Abstr.) **(Fre)**

[Development of a standardized form for mercury gauge plethysmography of veins and arteries] Benhamou AC, et al. **J Mal Vasc** 1984;9(4):307-13 (Eng. Abstr.) **(Fre)**

[Predictive value of the reactive hyperemia test as an indicator for lumbar sympathectomy] Le Héron D, et al. **J Mal Vasc** 1985;10 Suppl A:72-6 (Eng. Abstr.) **(Fre)**

[Photoplethysmography: 12 years' experience] Bolliger A. **Phlebologie** 1984 Jul-Sep;37(3):285-7 (Eng. Abstr.) **(Fre)**

[Non-invasive measurement of venous circulatory resistance in man] Brakkee AJ, et al. **Phlebologie** 1984 Jul-Sep;37(3):289-95 (Eng. Abstr.) **(Fre)**

[Value of Doppler studies and venous-occlusion rheoplethysmography in postphlebitic disease] Dupuis-Cuny C, et al. **Phlebologie** 1984 Oct-Dec;37(4):425-31 (Eng. Abstr.) **(Fre)**

[Determination of venous capacity and flow by plethysmography with occlusion of the veins] Klüken N, et al. **Phlebologie** 1984 Jul-Sep;37(3):321-6 (Eng. Abstr.) **(Fre)**

[Strain-gauge plethysmography in the evaluation of the evolution of deep vein thrombosis of the legs] Tanzini G, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1333-9 (Eng. Abstr.) **(Ita)**

[A study of neural and circulatory disturbances of the hands in patients with collagen disease--sensory nerve conduction velocity and plethysmography] Sumita H, et al. **Rinsho Shinkeigaku** 1984 Sep;24(9):880-3 (Eng. Abstr.) **(Jpn)**

[Relation between finger pallor, the cold test and digital plethysmography in woodcutters who work with various types of power saws] Rački Z. **Arh Hig Rada Toksikol** 1984 Dec;35(4):343-53 (Eng. Abstr.) **(Scr)**

HISTORY

The Mosso plethysmograph in 19th-century physiology. Fleckenstein KJ. **Med Instrum** 1984 Nov-Dec;18(6):330-1

INSTRUMENTATION

Evaluation of the Penàz servo-plethysmo-manometer for the continuous, non-invasive measurement of finger blood pressure. Molhoek GP, et al. **Basic Res Cardiol** 1984 Sep-Oct;79(5):598-609

Photo-electric plethysmography as a monitoring device in anaesthesia. Application and interpretation. Dorlas JC, et al. **Br J Anaesth** 1985 May;57(5):524-30

Cutaneous Pressure Plethysmography (CPP). Quantitative assessment of skin perfusion. Adler P. **J Am Podiatry Assoc** 1984 Nov;74(11):541-7

The facial plethysmograph: a new instrument to measure facial swelling volumetrically. Milles M, et al. **J Oral Maxillofac Surg** 1985 May;43(5):346-52

Microprocessor-assisted plethysmograph for the measurement of mouse paw volume. Webb EF, et al. **J Pharmacol Methods** 1984 Sep;12(2):149-53

A new plethysmograph for detecting arterial pulse waves in rat tail. Martinelli JG, et al. **Nephron** 1985;39(1):61-3

[Automatic finger plethysmography as a human pharmacologic research tool. A methodologic study] Müller M, et al. **Arzneimittelforsch** 1984;34(6):702-6 (Eng. Abstr.) **(Ger)**

[Error magnitude of measurement sensors in air segment plethysmography] de Marées A, et al. **Z Kardiol** 1984 May;73(5):333-8 (Eng. Abstr.) **(Ger)**

[Vascular laboratory. Instrumentation for non-invasive diagnostic methods] Vasli LR, et al. **Tidsskr Nor Laegeforen** 1985 Mar 10;105(7):507-12 (Eng. Abstr.) **(Nor)**

METHODS

A noninvasive plethysmographic method for evaluation of the musculovenous pump in the lower extremities. Struckmann J, et al. **Acta Chir Scand** 1985;151(3):235-40

Photoplethysmography of the distal pulp in the assessment of the vasospastic hand. Cooke ED, et al. **Angiology** 1985 Jan;36(1):33-40

Operating characteristics of the vaginal photoplethysmograph [letter] Beck JG, et al. **Arch Sex Behav** 1984 Dec;13(6):595-6

Fluid filled oculoplethysmography and carotid artery disease: imperfect but useful. Ackroyd N, et al. **Aust NZ J Surg** 1985 Apr;55(2):181-7

Simplified volume plethysmographic technique. Mohr TM, et al. **Biomed Sci Instrum** 1985;21:1-3

Non-invasive semi-quantitative measurements of tidal pressure-volume and flow relations of lung in COPD patients. Moavero NE, et al. **Bull Eur Physiopathol Respir** 1984 Jul-Aug;20(4):333-9

Comparison of various oculoplethysmography modalities. AbuRahma AF, et al. **J Vasc Surg** 1985 Mar;2(2):288-91

Noninvasive measurement of pressure/volume characteristics in human limb veins by electrical admittance plethysmography. Shimazu H, et al. **Med Biol Eng Comput** 1985 Jan;23(1):38-42

In vivo calibration of the photoplethysmograph transducer [letter] Norris CS, et al. **Surgery** 1985 Feb;97(2):248

Ocular pneumoplethysmography. Gee W. **Surv Ophthalmol** 1985 Jan-Feb;29(4):276-92 (38 ref.)

[Value of plethysmographic methods as a means of monitoring arteriopathies] Sentou Y. **J Mal Vasc** 1985;10 Suppl A:15-9 (Eng. Abstr.) **(Fre)**

[Quantitative test for measuring vascular reactivity to cold by the digital plethysmography technic (letter)] Planchon B, et al. **Presse Med** 1985 Jun 15;14(24):1340-1 **(Fre)**

[Photoplethysmography and light reflex rheography in angiologic diagnosis. Technics and possibilities for use] Partsch H. **Fortschr Med** 1985 Apr 4;103(13):72-3 **(Ger)**

[Evaluation of air segment plethysmography using computer tomography] de Marées A, et al. **Z Kardiol** 1984 May;73(5):339-45 (Eng. Abstr.) **(Ger)**

[Strain gauge plethysmography of venous circulation in aged patients with deep vein thrombosis and post-phlebitis syndrome] Macchione C, et al. **Minerva Med** 1985 Jun 30;76(26-27):1265-9 (Eng. Abstr.) **(Ita)**

[Time-dependent measurement of differential digital plethysmogram in bicycle ergometer exercise] Takemiya T, et al. **Nippon Seirigaku Zasshi** 1985;47(2):65-76 (Eng. Abstr.) **(Jpn)**

[Role of digital photoplethysmography and Doppler study in the diagnosis of functional disorders of the microcirculation] Soro P, et al. **Angiologia** 1985 May-Jun;37(3):111-9 (Eng. Abstr.) **(Spa)**

STANDARDS

Calibration of computer-assisted (Respicomp) respiratory inductive plethysmography in newborns. Warren RH, et al. **Am Rev Respir Dis** 1985 Apr;131(4):564-7

Limitations of applicability of current calibration procedures for respiratory inductive plethysmography. Bellia V, et al. **Bull Eur Physiopathol Respir** 1984 Jul-Aug;20(4):341-6

Accuracy of strain-gauge plethysmography for the diagnosis of deep vein thrombosis [letter] Bounameaux HM, et al. **Thromb Res** 1985 Feb 1;37(3):487-8

PLETHYSMOGRAPHY, IMPEDANCE

Vascular hemodynamic impedance in congestive heart failure. Finkelstein SM, et al. **Am J Cardiol** 1985 Feb 1;55(4):423-7

Impedance plethysmography in the diagnosis of arterial and venous disease. Anderson FA Jr. **Ann Biomed Eng** 1984;12(1):79-102

Diagnostic efficacy of impedance plethysmography for clinically suspected deep-vein thrombosis. A randomized trial. Hull RD, et al. **Ann Intern Med** 1985 Jan;102(1):21-8

Measurement of limb blood flow by electrical impedance plethysmography. Porter JM, et al. **Ann R Coll Surg Engl** 1985 May;67(3):169-72

Deep venous thrombosis: diagnosis in spinal cord injured patients. Chu DA, et al. **Arch Phys Med Rehabil** 1985 Jun;66(6):365-8

Sex differences in transthoracic impedance: evaluation of effects on calculated stroke volume index. McKinney ME, et al. **Aviat Space Environ Med** 1984 Oct;55(10):893-5

Sex-related differences in first-stage impedance cardiographic variables. McKinney ME, et al. **Biofeedback Self Regul** 1984 Sep;9(3):365-70

Impedance cardiography in mitral valve diseases. Parulkar GB, et al. **Indian Heart J** 1985 Jan-Feb;37(1):37-42

Transthoracic electrical impedance as an index of extracellular fluid volume in man. Roos JC, et al. **Intensive Care Med** 1985;11(1):39-42

Home pneumograms in normal infants. Hunt CE, et al. **J Pediatr** 1985 Apr;106(4):551-5

Diagnosis of deep-vein thrombosis: comparison of clinical evaluation, ultrasound, plethysmography, and venoscan with X-ray venogram. Sandler DA, et al. **Lancet** 1984 Sep 29;2(8405):716-9

Comparison of impedance plethysmography with ascending venography for the diagnosis of proximal deep-vein thrombosis. Jeffery PC, et al. **S Afr Med J** 1985 Jan 5;67(1):15-8

A critical appraisal of impedance plethysmography in the diagnosis of acute deep venous thrombosis. Satiani B, et al. **Surg Gynecol Obstet** 1985 Jul;161(1):25-9

[Preliminary observation of dysmenorrhoea due to blood stagnation using female pelvic rheography and its clinical application] Hong JT. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Oct;19(4):203-6 **(Chi)**

[A comparison of measuring the systolic time interval and diastolic time interval by plethysmography and the cardiomechanogram] Shen WQ. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Sep;12(3):209-11 **(Chi)**

[Measuring left ventricular ejection time by plethysmography] Su H. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Sep;12(3):207-8 **(Chi)**

[The value of impedance rheopneumography in the diagnosis of chronic cor pulmonale] Gao WK. **Chung Hua Nei Ko Tsa Chih** 1984 Jun;23(6):345-8, 397 (Eng. Abstr.) **(Chi)**

[Diagnosis of venous thrombosis of the legs by cuff-impedance plethysmography] Chen XZ. **Chung Hua Wai Ko Tsa Chih** 1984 Aug;22(8):476-8, 510 (Eng. Abstr.) **(Chi)**

[Effect of tetrandrine and calcium chloride on the impedance cardiogram of anesthetized dogs] Xia GJ, et al. **Yao Hsueh Hsueh Pao** 1983 Nov;18(11):808-12 (Eng. Abstr.) **(Chi)**

[Comprehensive evaluation of patients after acute myocardial infarct using noninvasive testing technics during a laboratory stress test] Vávra J, et al. **Cas Lek Cesk** 1985 Mar 8;124(10):297-302 (Eng. Abstr.) **(Cze)**

[Long-term registration of respiration by means of impedance pneumography] Larsen VH, et al. **Ugeskr Laeger** 1984 Nov 5;146(45):3455-9 (Eng. Abstr.) **(Dan)**

[Noninvasive examination of the peripheral circulation] Härkönen R. **Duodecim** 1984;100(21):1413-22 **(Fin)**

[The irrigraphic profile, an orienting element in the indications for lumbar sympathectomy] Langeron P, et al. **J Mal Vasc** 1985;10 Suppl A:66-71 (Eng. Abstr.) **(Fre)**

[A new method for the phlebologist: light reflection rheography] Goor W. **Phlebologie** 1984 Jul-Sep;37(3):309-12 **(Fre)**

[Functional phlebological diagnosis using light reflection rheography] Wienert V. **Phlebologie** 1984 Jul-Sep;37(3):303-8 (Eng. Abstr.) **(Fre)**

[Spontaneous and provoked changes of the impedance plethysmographic volume pulse and its interpretation] Bochmann R, et al. **Biomed Biochim Acta** 1985;44(2):275-82 (Eng. Abstr.) **(Ger)**

[Home monitoring following sudden infant death--report of the personal experiences of an anesthesist] Josten KU. **Klin Padiatr** 1985 Mar-Apr;197(2):127-9 (Eng. Abstr.) **(Ger)**

[Use of microcomputers for calculating cardio- and hemodynamics parameters based on the data of tetrapolar transthoracic impedance rheoplethysmography] Gurevich MI, et al. **Fiziol Zh** 1985 Mar-Apr;31(2):243-7 **(Rus)**

[Evaluation of the contractile function of the myocardium using tetrapolar thoracic rheography in the late stages of mitral stenosis] Chufarov VN, et al. **Kardiologiia** 1984 Aug;24(8):76-8 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of biomicroscopic and rheoencephalographic changes in essential hypertension in young patients] Balakhonova NP, et al. **Klin Med (Mosk)** 1985 Mar;63(3):83-6 (Eng. Abstr.) **(Rus)**

[Impedance cardiographic evaluation of left ventricular contractility in patients having undergone closed mitral commissurotomy] Setrakian SA, et al. **Klin Med (Mosk)** 1985 Jan;63(1):59-62 (Eng. Abstr.) **(Rus)**

[Rheocardiographic studies on the accuracy of cardiac stroke volume models] Baluev EP, et al. **Med Tekh** 1984 Sep-Oct;(5):7-13 (Eng. Abstr.) **(Rus)**

[Ultrasonography and impedance plethysmography versus phlebography in the diagnosis of deep venous thrombosis] Gómez Alonso A, et al. **Angiologia** 1985 May-Jun;37(3):136-7 (Eng. Abstr.) **(Spa)**

INSTRUMENTATION

Electrode motion artifacts in electrical impedance pneumography. Sahakian AV, et al. **IEEE Trans Biomed Eng** 1985 Jun;32(6):448-51

Calibration of dZ/dt in impedance plethysmography. Jindal GD, et al. **Med Biol Eng Comput** 1985 May;23(3):279-80

Simplified electrode array for impedance cardiography. Penney BC, et al. **Med Biol Eng Comput** 1985 Jan;23(1):1-7

The measurement of systolic time intervals. A microprocessor based system for long-term registration of the impedance cardiogram and the systolic time intervals.

Arnaudov K, et al. **Med Prog Technol** 1985;10(4):229-38

[Computer-assisted data analysis in a pediatric intensive care unit] Frank HD, et al. **Klin Padiatr** 1985 Mar-Apr; 197(2):173-5 (Eng. Abstr.) **(Ger)**

[Time sharing of channels in polyrheographic studies] Anan'ev LM, et al. **Med Tekh** 1984 Sep-Oct;(5):17-21 (Eng. Abstr.) **(Rus)**

[Determination of the nature of vascular reactions to the action of helium-neon laser radiation using an otorheographic method] Mishen'kin NV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May-Jun; (3):65-7 **(Rus)**

METHODS

Body surface potential mapping based on cylindrical regression. Kasper L, et al. **IEEE Trans Biomed Eng** 1985 Mar;32(3):237-9

Determination of cardiac output using ensemble-averaged impedance cardiograms. Muzi M, et al. **J Appl Physiol** 1985 Jan;58(1):200-5

Cinematic display of respiratory organ motion with impedance techniques. Heller SL, et al. **J Nucl Med** 1984 Oct;25(10):1127-31

Respiratory gating by impedance plethysmography. Vannier MW. **J Nucl Med** 1984 Oct;25(10):1142-3

Cardiac performance measured by impedance cardiography and radionuclide angiography. Pedersen T. **Methods Find Exp Clin Pharmacol** 1984 Nov;6(11):717-20

[Use of impedance pulmonary rheography for the evaluation of pulmonary artery pressure--a noninvasive method] Wang DX, et al. **Acta Acad Med Wuhan** 1984;4(4):193-6 (Eng. Abstr.) **(Ger)**

[Control of spontaneous respiration with continuous positive airway pressure using transthoracic electrical impedance. Studies in subjects with healthy lungs] Duma S, et al. **Anaesthesist** 1984 Nov;33(11):552-9 (Eng. Abstr.) **(Ger)**

[Use of impedance plethysmography for studying the liver depositing function in an acute experiment] Tsybenko VA, et al. **Fiziol Zh** 1984 Nov-Dec;30(6):756-8 **(Rus)**

[Reproducibility of several of the parameters of unidimensional echocardiography, sectoral scanning and tetrapolar rheoplethysmography of the chest cavity] Gol'dberg GA, et al. **Kardiologiia** 1985 Apr;25(4):58-60 (Eng. Abstr.) **(Rus)**

[Noninvasive impedance method of determining left ventricular filling pressure] Polonetskiĭ LZ. **Kardiologiia** 1985 Mar;25(3):50-2 (Eng. Abstr.) **(Rus)**

[Evaluation of the early signs of left ventricular failure using bipolar chest rheography] Sidorenko I, et al. **Kardiologiia** 1985 Mar;25(3):15-9 (Eng. Abstr.) **(Rus)**

[Noninvasive diagnosis of mitral regurgitation by impedance cardiography] Volovoĭ VL, et al. **Kardiologiia** 1985 Mar; 25(3):53-6 (Eng. Abstr.) **(Rus)**

[Modification of the integral rheography method] Bimbat MS, et al. **Vrach Delo** 1984 Oct;(10):67-9 (Eng. Abstr.) **(Rus)**

STANDARDS

Limitation of impedance plethysmography in assessing efficacy of dihydroergotamine-heparin prophylaxis of deep vein thrombosis. DiSerio FJ, et al. **Thromb Res** 1985 Feb 1;37(3):449-58

PLETHYSMOGRAPHY, WHOLE BODY

Comparison of magnetometer and inductance plethysmography derived Konno-Mead diagrams during CO2 rebreathing. Lopata M, et al. **Bull Eur Physiopathol Respir** 1985 Mar-Apr;21(2):159-63

Two methods for computing specific airway conductance and resistance [letter] Green J. **J Appl Physiol** 1985 Jun; 58(6):2096-7

[The use of whole body plethysmography in phoniatry] Moser M, et al. **Rev Laryngol Otol Rhinol (Bord)** 1983; 104(4):365-7 (Eng. Abstr.) **(Fre)**

[A single dose of theophylline in the evening in chronic obstructive airway disease. Serum concentration and lung function parameter] Kaik G. **Fortschr Med** 1984 Nov 22; 102(43):1120-2 (Eng. Abstr.) **(Ger)**

[Measurements of respiratory resistance in tracheal stenosis patients. A comparison of pressure changes with total-body plethysmography] Pilgramm M, et al. **HNO** 1985 May; 33(5):208-12 (Eng. Abstr.) **(Ger)**

[Tracheal stenoses--observations on the functional course following surgical correction] Gatzemeier U, et al. **Prax Klin Pneumol** 1984 Sep;38(9):402-5 (Eng. Abstr.) **(Ger)**

[Possibilities and limits of the occlusion pressure method in the measurement of airway resistance in childhood] Wönne R. **Prax Klin Pneumol** 1984 Jul;38(7):285-6 (Eng. Abstr.) **(Ger)**

[Correlation of roentgen picture and lung function testing within the scope of silicosis evaluation] Otto H, et al. **Radiologe** 1985 Jan;25(1):2-8 (Eng. Abstr.) **(Ger)**

[Estimation of inhalation volume in rats] Kubota Y, et al. **Jikken Dobutsu** 1984 Oct;33(4):535-8 (Eng. Abstr.) **(Jpn)**

[Body plethysmography--controversial topics] Ohya N. **Kokyu To Junkan** 1985 Feb;33(2):124-33 (49 ref.) **(Jpn)**

[Volumetric type of whole body plethysmography in the diagnosis of bronchial asthma] Orlov LL, et al. **Klin Med (Mosk)** 1984 Dec;62(12):47-51 **(Rus)**

[Tetrapolar rheography indices of healthy full-term infants] Romanenko VA, et al. **Pediatriia** 1985 Mar;(3):10-1 (Eng. Abstr.) **(Rus)**

INSTRUMENTATION

[Body plethysmography in infants and small children. Respiratory function diagnosis using a special baby plethysmograph] Lindemann H. **Fortschr Med** 1984 Sep 13;102(34):845-7 (Eng. Abstr.) **(Ger)**

METHODS

Comparison of plethysmographic methods for obtaining thoracic gas volume in anesthetized dogs. Armengol JA, et al. **J Appl Physiol** 1985 Aug;59(2):653-7

Evaluation of phase correction and low gas density to improve thoracic gas volume measurement. Bégin P, et al. **J Appl Physiol** 1985 Feb;58(2):346-51

Calculation of lung volume in newborn infants by means of a computer-assisted nitrogen washout method. Sjöqvist BA, et al. **Pediatr Res** 1984 Nov;18(11):1160-4

[Thoughts, measurements and comparisons of the usefulness of phase displaced pressure-flow diagrams in the evaluation of obstructive lung diseases. Measurement of respiratory air per liter] Hase H. **Prax Klin Pneumol** 1985 Jan; 39(1):5-14 (Eng. Abstr.) **(Ger)**

[Measurement of airway resistance with non-plethysmographic methods] Nolte D, et al. **Prax Klin Pneumol** 1984 Aug;38(8):366-71 (Eng. Abstr.) **(Ger)**

[Studies on various factors affecting the body plethysmographic pressure-flow diagrams using a simulation method] Sugita M, et al. **Kokyu To Junkan** 1984 Jul;32(7):715-21 (Eng. Abstr.) **(Jpn)**

PLEURA

False-positive V/Q study secondary to a central venous catheter in the pleural space. Griffith S, et al. **Clin Nucl Med** 1984 Aug;9(8):463-4

Giant lymph node hyperplasia presenting as a pleural mass. O'Driscoll J. **Ir Med J** 1985 May;78(5):132-3

[Talc pleurodesis. Treatment without danger? (letter)] Chastre J, et al. **Presse Med** 1985 Jun 1;14(22):1248 **(Fre)**

[Fibrin pleurodesis in malignant pleural effusions] Kreuser ED, et al. **Dtsch Med Wochenschr** 1985 Sep 6; 110(36):1365-8 (Eng. Abstr.) **(Ger)**

[Spontaneous displacement of a Kirschner wire to the chest cavity after fixation of the acromioclavicular joint] Urban J, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(4):399-402 (Eng. Abstr.) **(Pol)**

[Pleural effusion of malignant etiology. Thoracoscopic use of talc as an effective method of pleurodesis] Cantó A, et al. **Med Clin (Barc)** 1985 May 25;84(20):806-8 (Eng. Abstr.) **(Spa)**

ANALYSIS

Lactic acid levels in pleural fluid from patients with bacterial pleuritis. Riley TV. **J Clin Microbiol** 1985 Feb;21(2):280-1

[Gasometry of the pleural fluid] Ayoub A, et al. **Tunis Med** 1984 Dec;62(8):599-605 (Eng. Abstr.) **(Fre)**

ANATOMY & HISTOLOGY

Anatomy and physiology of the pleural space. Wang NS. **Clin Chest Med** 1985 Mar;6(1):3-16 (81 ref.)

Pleural space thickness in situ by light microscopy in five mammalian species. Lai-Fook SJ, et al. **J Appl Physiol** 1985 Aug;59(2):603-10

BLOOD SUPPLY

[Erosive hemorrhages as a complication of suppurative mediastinitis] Abakumov MM, et al. **Khirurgiia (Mosk)** 1985 May;(5):118-21 **(Rus)**

DRUG EFFECTS

Pulmonary lymphangiomyomatosis associated with tuberous sclerosis. Treatment with tamoxifen and tetracycline-pleurodesis. Luna CM, et al. **Chest** 1985 Sep; 88(3):473-5

Biological effects of New Caledonia nickel ore samples on red blood cells, alveolar macrophages and pleural mesothelial cells. Bastie-Sigeac I, et al. **IARC Sci Publ** 1984;(53):301-10

EMBRYOLOGY

[Space maintaining functions in the human embryo] Menkes B, et al. **Morphol Embryol (Bucur)** 1985 Apr-Jun; 31(2):111-4 **(Ger)**

INJURIES

Complications associated with a narrow bore nasogastric tube. Grossman TW, et al. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):460-3

Pleuropulmonary complications of enteral tube feedings. Two reports, review of the literature, and recommendations. Miller KS, et al. **Chest** 1985 Aug; 88(2):230-3 (12 ref.)

Penetrating injuries of the pleural cavity. Muckart DJ, et al. **Thorax** 1984 Oct;39(10):789-93

[Pleuropulmonary injuries] Glinz W. **Chirurg** 1985 Mar; 56(3):129-35 **(Ger)**

[Successful treatment of injury to the esophagus, mediastinal pleura and bronchus by active drainage] Saenko AF, et al. **Vestn Khir** 1984 Sep;133(9):55-6 **(Rus)**

METABOLISM

Identification of cultured pleural fluid cells by a direct immunofluorescence technique. Keyhani-Rofagha S, et al. **Anal Quant Cytol** 1984 Dec;6(4):238-42

Relationship between the anti-inflammatory effects and intrapleural accumulations of anti-inflammatory drugs in rats carrageenin pleurisy. Iwamura S, et al. **J Pharmacobiodyn** 1984 Aug;7(8):517-26

MICROBIOLOGY

[Bacteriologic examination in acute suppurative destructive pneumonia in children] Gilevich IuS, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):65-9 (Eng. Abstr.) **(Rus)**

PATHOLOGY

A new needle for biopsy of pleura. Sha XR. **Am J Surg** 1985 Mar;149(3):403-4

Pathogenesis of pleural plaques. Relationship of early cellular response and pathology. Sahn SA, et al. **Am Rev Respir Dis** 1984 Nov;130(5):884-7

Pleura in pneumothorax. Comparison of patients with cystic fibrosis and idiopathic spontaneous pneumothorax. Tomashefski JF Jr, et al. **Arch Pathol Lab Med** 1985 Oct; 109(10):910-6

Cell population and histochemistry of asbestos related lesions of rat pleural cavity after injection of various inorganic dusts. Edwards RE, et al. **Br J Ind Med** 1984 Nov; 41(4):506-13

In vitro transformation of rat pleural mesothelial cells by chrysotile fibres and/or benzo[a]pyrene. Paterour MJ, et al. **Carcinogenesis** 1985 Apr;6(4):523-9

Pleural lavage after pulmonary resection for bronchogenic carcinoma. Eagan RT, et al. **J Thorac Cardiovasc Surg** 1984 Dec;88(6):1000-3

Comparison of needle biopsy with cytologic analysis for the evaluation of pleural effusion: analysis of 414 cases. Prakash UB, et al. **Mayo Clin Proc** 1985 Mar;60(3):158-64

Thoracoscopic, histological, and clinical findings in nine case of rheumatoid pleural effusion. Faurschou P, et al. **Thorax** 1985 May;40(5):371-5

[Percutaneous biopsy of the lung and pleura in the diagnosis of intrathoracic masses--report of 68 cases] Su SY. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Oct;7(5):293-5 (Eng. Abstr.) **(Chi)**

[Pathological study of pleural plaques in 7 autopsy cases of asbestos workers] Wang MG. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Sep;18(5):288-9 (Eng. Abstr.) **(Chi)**

[Pleural involvement and functional effect of asbestosis in 380 exposed patients] Lemenager J, et al. **Presse Med** 1985 Jul 6;14(27):1462-4 (Eng. Abstr.) **(Fre)**

[Pleural biopsy with a Cope needle: experience in a regional hospital (letter)] Bello S, et al. **Rev Med Chil** 1983 Jul; 111(7):724-6 **(Spa)**

PHYSIOLOGY

Static mechanics of excised whole lung: pleural mechanics. Ligas JR, et al. **Ann Biomed Eng** 1984;12(5):437-48

Influence of the chest wall on regional intrapleural pressure during acceleration (+Gz) stress. Modell HI, et al. **Aviat Space Environ Med** 1984 Oct;55(10):896-902

Factors affecting the distribution of transpulmonary pressure in animals and in man. D'Angelo E. **Bull Eur Physiopathol Respir** 1984 Sep-Oct;20(5):415-22

Anatomy and physiology of the pleural space. Wang NS. **Clin Chest Med** 1985 Mar;6(1):3-16 (81 ref.)

Effects of pleural pressure and abdominal pressure on diaphragmatic blood flow. Buchler B, et al. **J Appl Physiol** 1985 Mar;58(3):691-7

Pleural stress pressure as a force to control liquid accumulation and maintain lung expansion. Harada K, et al. **J Appl Physiol** 1985 Feb;58(2):339-45

Photographic measurement of pleural surface motion during lung oscillation. Lehr JL, et al. **J Appl Physiol** 1985 Aug; 59(2):623-33

Regional protein absorption rates from the pleural cavity in dogs. Negrini D, et al. **J Appl Physiol** 1985 Jun;58(6):2062-7

Mechanical properties of pleural membrane. Stamenovic D. **J Appl Physiol** 1984 Oct;57(4):1189-94

Pleural liquid pressure in dogs measured using a rib capsule. Wiener-Kronish JP, et al. **J Appl Physiol** 1985 Aug; 59(2):597-602

Effect of alterations of pleural pressure on cardiac output. Wise RA. **South Med J** 1985 Apr;78(4):423-8 (21 ref.)

The pleural interface. Hills BA. **Thorax** 1985 Jan;40(1):1-8 (47 ref.)

RADIOGRAPHY

Distribution of pneumothorax in the supine and semirecumbent critically ill adult. Tocino IM, et al. **AJR** 1985 May;144(5):901-5

Radiology of the pleura. Pugatch RD, et al. **Clin Chest Med** 1985 Mar;6(1):17–32

[Malignant diffuse pleural mesothelioma: a comparison between computed tomography and the conventional chest x-ray] Bohndorf K, et al. **Digitale Bilddiagn** 1985 Mar; 5(1):10–5 (Eng. Abstr.) **(Ger)**

[The evaluation of the anterior extrapleural line in various mediastinal mass lesions] Kobayashi Y, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 May 25; 44(5):688–99 (Eng. Abstr.) **(Jpn)**

SURGERY

Amikacin concentrations in serum following intraoperative irrigation of the pleura and peritoneum. Van Way CW, et al. **Ann Surg** 1985 Mar;201(3):333–6

Pleurectomy for recurrent pneumothorax. Behl PR, et al. **J R Coll Surg Edinb** 1984 Jul;29(4):221–5

Does pleural bronchial wrapping improve wound healing in right sleeve lobectomy? Ishihara T, et al. **J Thorac Cardiovasc Surg** 1985 May;89(5):665–72

Procedure for intrapleural implantation in mice by thoracotomy. Bohanon MJ, et al. **Lab Anim Sci** 1984 Dec; 34(6):621–3

Extrapleural exclusion of esophageal perforations. Schorlemmer GR, et al. **South Med J** 1984 Dec; 77(12):1609–10

[Pleuropneumonectomy for the treatment of chronic thoracic empyema] Wada H, et al. **Kekkaku** 1984 Dec;59(12):615–9 (Eng. Abstr.) **(Jpn)**

PLEURAL DISEASES

Gastropleural fistula. Report of three cases and review of the literature. Rotstein OD, et al. **Am J Surg** 1985 Sep; 150(3):392–6

Pleuropulmonary melioidosis in a Cambodian refugee. Chan CK, et al. **Can Med Assoc J** 1984 Dec 1;131(11):1365–7

Symposium on pleural diseases. **Clin Chest Med** 1985 Mar; 6(1):1–176

Mycobacterial, fungal, actinomycotic, and nocardial infections of the pleura. George RB, et al. **Clin Chest Med** 1985 Mar;6(1):63–75

Immunologic diseases of the pleura. Sahn SA. **Clin Chest Med** 1985 Mar;6(1):83–102 (139 ref.)

Pleural hydatidosis. Sinha RN, et al. **J Indian Med Assoc** 1984 Oct;82(10):371–2

Management of bronchopleural fistula following pneumonectomy. Høier-Madsen K, et al. **Scand J Thorac Cardiovasc Surg** 1984;18(3):263–6

[Round table on intrathoracic echinococcosis] **Ann Chir** 1983 Mar;37(2):73–121 **(Fre)**

CHEMICALLY INDUCED

Pathogenesis of pleural plaques [letter] Elias JA, et al. **Am Rev Respir Dis** 1985 Jun;131(6):965–6

[Pulmonary and pleural adverse effects of drugs. An analysis of 260 cases reported to the Adverse Effects Committee] Helsted J. **Ugeskr Laeger** 1984 Jul 9;146(28):2103–6 **(Dan)**

COMPLICATIONS

Pleuro-pulmonary manifestations of systemic lupus erythematosus: clinical features of its subgroups. Prognostic and therapeutic implications. Pines A, et al. **Chest** 1985 Jul;88(1):129–35

CT features of an unusual hypervascular lung carcinoma complicating chronic asbestosis related pleural disease. Coleman BG, et al. **J Comput Assist Tomogr** 1985 May–Jun; 9(3):554–7

Pleuropulmonary manifestations of rheumatoid disease. Lakhanpal S, et al. **Minn Med** 1984 Sep;67(9):515–6

[Independent ventilation of the lungs as treatment of the massive loss of gas due to bronchopleural fistula] Cancellieri F, et al. **Minerva Anestesiol** 1984 May; 50(5):205–8 (Eng. Abstr.) **(Ita)**

DIAGNOSIS

Diagnostic utility of pleural fluid eosinophilia. Adelman M, et al. **Am J Med** 1984 Nov;77(5):915–20

Diagnostic procedures for pleural disease. Jay SJ. **Clin Chest Med** 1985 Mar;6(1):33–48 (99 ref.)

Radiology of the pleura. Pugatch RD, et al. **Clin Chest Med** 1985 Mar;6(1):17–32

Traumatic subarachnoid-pleural fistula. Moorehead RJ, et al. **Injury** 1985 Jul;16(7):482

Clinical application of real-time ultrasonography in pleural and subpleural lesions. Yang PC, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jul;83(7):646–57

Changes in the respiratory gas tensions of a pneumonectomy space and their application to the diagnosis of bronchopleural fistula. Firmin RK, et al. **Thorac Cardiovasc Surg** 1985 Jun;33(3):173–5

[Contribution of thoracoscopic brushing to the diagnosis of pleural diseases] Bejui-Thivolet F, et al. **Ann Pathol** 1984 Jun–Aug;4(3):195–201 (Eng. Abstr.) **(Fre)**

[Endoscopic examination of the pleural cavity] Domagała-Kulawik J. **Wiad Lek** 1985 Jan 15;38(2):123–6 **(Pol)**

DRUG THERAPY

[Pleural unclotting with fibrinolytics in coagulated postoperative hemothorax] Raut Y, et al. **Agressologie** 1984 Sep;25(8):931–3 (Eng. Abstr.) **(Fre)**

[Metronidazole in the treatment of pleuropulmonary infections due to anaerobic germs] Ispas LT, et al. **Rev Ig [Pneumoftiziol]** 1984 Oct–Dec;33(4):361–70 (62 ref.) (Eng. Abstr.) **(Rum)**

ETIOLOGY

Tuberculous and posttuberculous bronchopleural fistula. Ten year clinical experience. Donath J, et al. **Chest** 1984 Nov; 86(5):697–703

Nonmalignant pleural disease related to asbestos exposure. Hillerdal G. **Clin Chest Med** 1985 Mar;6(1):141–52

Pleuroesophageal fistula as a complication of empyema thoracis. Raj B, et al. **Indian J Chest Dis Allied Sci** 1983 Oct–Dec;25(4):294–6

Spontaneous cavernopleurocutaneous fistula in pulmonary tuberculosis. Singh SK, et al. **Indian J Chest Dis Allied Sci** 1983 Oct–Dec;25(4):297–8

Iatrogenic bronchopleural fistula caused by feeding tube insertion. Sheffner SE, et al. **J Can Assoc Radiol** 1985 Mar; 36(1):52–5

Respiratory illness in the construction trades. I. The significance of asbestos-associated pleural disease among sheet metal workers. Baker EL, et al. **J Occup Med** 1985 Jul;27(7):483–9

Esophagopleural fistula after pneumonectomy for inflammatory disease. Shama DM, et al. **J Thorac Cardiovasc Surg** 1985 Jan;89(1):77–81

Cryptococcal pleuro-pulmonary disease: infection of the pleural fluid in the absence of disseminated cryptococcosis. Case report. McAllister CK, et al. **Milit Med** 1984 Dec; 149(12):684–6

Coated and uncoated lung mineral fibres in subjects with and without pleural plaques at autopsy. Andrion A, et al. **Pathol Res Pract** 1984 Jul;178(6):611–6

Pleural involvement by hydatid cysts of the lung. Ozer Z, et al. **Thorac Cardiovasc Surg** 1985 Apr;33(2):103–5

Role of automatic staplers in the aetiology of bronchopleural fistula. Hakim M, et al. **Thorax** 1985 Jan;40(1):27–31

Asbestos related pleuropulmonary lesions and the erythrocyte sedimentation rate. Hillerdal G. **Thorax** 1984 Oct;39(10):752–8

Amebiasis presenting as pleuropulmonary disease. Kubitschek KR, et al. **West J Med** 1985 Feb;142(2):203–7

[Conservative treatment of a traumatic biliopleural fistula] De Groof E, et al. **Acta Chir Belg** 1984 Nov–Dec; 84(6):361–3 (Eng. Abstr.) **(Dut)**

[Hydatid cysts of the liver open into the bronchi and pleura. Apropos of 18 cases] Ennabli K. **Ann Chir** 1984 Oct; 38(7):560–6 (Eng. Abstr.) **(Fre)**

[Pleuromediastinal complications of cervical phlegmon caused by anaerobic germs of dental or ORL origin] Levasseur P, et al. **Ann Chir** 1984 Oct;38(7):567–71 (Eng. Abstr.) **(Fre)**

[Significance of the diaphragm in disseminating insidious inflammatory diseases of the abdominal organs] Eschbach H. **Radiol Diagn (Berl)** 1984;25(6):751–62 (Eng. Abstr.) **(Ger)**

[Sarcoidosis of the parietal pleura--a contribution to the pathogenesis of intrathoracic sarcoidosis] Wetzer K, et al. **Z Erkr Atmungsorgane** 1984;162(3):270–5 (Eng. Abstr.) **(Ger)**

[A case of bronchopleural fistula with expectoration of wax after extraperiosteal paraffin plombage 11 years earlier] Iuchi K, et al. **Rinsho Kyobu Geka** 1984 Nov;4(6):745–9 (Eng. Abstr.) **(Jpn)**

[Pyopneumothorax and gastric pleural fistula caused by gastric carcinoma: report of a case and review of the literature] Ennes FP, et al. **AMB** 1984 Sep–Oct; 30(9–10):210–2 (Eng. Abstr.) **(Por)**

[Pleural calcification as an epidemiologic parameter in asbestos exposure] Petričević I, et al. **Plucne Bolesti** 1984 Jan–Jun;36(1–2):48–50 (Eng. Abstr.) **(Scr)**

[Pleuropulmonary manifestations in persons indirectly exposed to asbestos dust] Petričević I, et al. **Plucne Bolesti** 1984 Jan–Jun;36(1–2):51–3 (Eng. Abstr.) **(Scr)**

FAMILIAL & GENETIC

[The occurrence of benign pulmonary changes in the spouses of previously employed asbestos workers] Lander F, et al. **Ugeskr Laeger** 1985 May 27;147(22):1805–6 (Eng. Abstr.) **(Dan)**

IMMUNOLOGY

[Effect of hemosorption on immunological reactivity indices in the combined treatment of patients with extensive nonspecific destructive suppurative processes in the lungs and pleura] Lukomskiĭ GI, et al. **Grudn Khir** 1985 Mar–Apr; (2):20–3 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Cell population and histochemistry of asbestos related lesions of rat pleural cavity after injection of various inorganic dusts. Edwards RE, et al. **Br J Ind Med** 1984 Nov; 41(4):506–13

Parietal pleural plaques, asbestos bodies, and neoplasia. A clinical, pathologic, and roentgenographic correlation of 25 consecutive cases. Wain SL, et al. **Chest** 1984 Nov; 86(5):707–13

Pulmonary air cysts in cystic fibrosis: relation of pathologic features to radiologic findings and history of pneumothorax. Tomashefski JF Jr, et al. **Hum Pathol** 1985 Mar;16(3):253–61

[Thoracoscopy with pleural brushing. A new diagnostic method for pleural diseases] Bejui-Thivolet F, et al. **Rev Pneumol Clin** 1984;40(5):311–9 (Eng. Abstr.) **(Fre)**

[Delayed epipleural hematoma as a fatal complication following blunt chest injury] Reiter C, et al. **Wien Klin Wochenschr** 1985 Jun 7;97(12):535–7 (Eng. Abstr.) **(Ger)**

[A case of secondary echinococcosis of the pleura diagnosed by cytologic examination] Poletti V, et al. **Pathologica** 1984 May–Jun;76(1043):399–401 (Eng. Abstr.) **(Ita)**

PHYSIOPATHOLOGY

Effect of chest-tube suction on gas flow through a bronchopleural fistula. Powner DJ, et al. **Crit Care Med** 1985 Feb;13(2):99–101

[Pleural involvement and functional effect of asbestosis in 380 exposed patients] Lemenager J, et al. **Presse Med** 1985 Jul 6;14(27):1462–4 (Eng. Abstr.) **(Fre)**

RADIOGRAPHY

Diffuse pleural thickening in an asbestos-exposed population: prevalence and causes. McLoud TC, et al. **AJR** 1985 Jan; 144(1):9–18

The spectrum and significance of pleural disease in blastomycosis. Kinasewitz GT, et al. **Chest** 1984 Oct; 86(4):580–4

Asymmetrical changes in asbestos-related disease. Fisher MS. **J Can Assoc Radiol** 1985 Jun;36(2):110–2

Benign collagenous nodule of the pleura associated with pleural plaques. Raymond J, et al. **J Can Assoc Radiol** 1985 Mar;36(1):71–3

Pleural and extrapleural disease in Nocardia infections. Rubin E, et al. **J Can Assoc Radiol** 1984 Jun;35(2):189–91

CT findings in pleural aspergillosis. Costello P, et al. **J Comput Assist Tomogr** 1985 Jul–Aug;9(4):760–2

[Rounded atelectasis and persistent pleural effusion on top of fibrothorax. Report of a case] Weyeneth M, et al. **Schweiz Med Wochenschr** 1985 Feb 2;115(5):166–71 (Eng. Abstr.) **(Fre)**

[Asbestosis in glass blowers] Ahlendorf W. **Z Gesamte Hyg** 1985 Mar;31(3):166–7 (Eng. Abstr.) **(Ger)**

[X-ray demonstration of autopsy-confirmed pleural hyalinoses] Hiller U, et al. **Z Gesamte Hyg** 1985 Mar; 31(3):160–2 (Eng. Abstr.) **(Ger)**

[Computerized tomography in the study of pleural diseases] Marconcini MR, et al. **Med Lav** 1985 Jan–Feb;76(1):17–21 (Eng. Abstr.) **(Ita)**

[Differential diagnosis between calcified pleural adhesions and persistent pleural effusion] Shmitt VG, et al. **Vestn Rentgenol Radiol** 1984 Jul–Aug;(4):43–7 **(Rus)**

[Electroroentgenography in the diagnosis of pathologic changes in the pleural cavity] Spasskaia PA, et al. **Vestn Rentgenol Radiol** 1984 Jul–Aug;(4):84–5 **(Rus)**

RADIONUCLIDE IMAGING

Gallium-67 thoracic scan and pleural disease in asbestos workers. Lambert R, et al. **J Nucl Med** 1985 Jun; 26(6):600–3

SURGERY

Thoracic surgical problems in asbestos-related disorders. Gaensler EA, et al. **Ann Thorac Surg** 1985 Jul;40(1):82–96

Management of recalcitrant bronchopleural fistulas with muscle flap obliteration. Chicarilli ZN, et al. **Plast Reconstr Surg** 1985 Jun;75(6):882–7

Prophylactic antibiotics and closed tube thoracostomy. LeBlanc KA, et al. **Surg Gynecol Obstet** 1985 Mar; 160(3):259–63

[Late treatment results with thoracocentesis and aspiration drainage in the pleural complications of acute suppurative lung diseases in childhood] Mikhaĭlova V, et al. **Khirurgiia (Sofiia)** 1984;37(4):245–50 (Eng. Abstr.) **(Bul)**

[Obliteration of a bronchopleural fistula by the YAG laser under thoracoscopy (letter)] Guerin JC, et al. **Presse Med** 1985 Jun 1;14(22):1245–6 **(Fre)**

[A case of thoracic empyema with broncho-pleural fistula existing for 57 years. Histological findings of squamous cell carcinoma in the resected lung] Tsuji Y, et al. **Kyobu Geka** 1984 Sep;37(10):768–72 (Eng. Abstr.) **(Jpn)**

[Problem of surgery of the lungs and pleura in children discussed in the journal 'Grudnaia Khirurgiia'] Biriukov VV, et al. **Grudn Khir** 1985 Jan–Feb;(1):30–4 **(Rus)**

[Repeated radical operations after surgical interventions in diseases of the lungs and pleura] Kabanov AN, et al. **Vestn Khir** 1984 Nov;133(11):19–22 (Eng. Abstr.) **(Rus)**

[Spontaneous esophageal-respiratory fistulae in adults] Khorev GN. **Vestn Khir** 1984 Sep;133(9):63–6 **(Rus)**

THERAPY

Conventional and high-frequency ventilation in dogs with bronchopleural fistula. Sjostrand UH, et al. **Crit Care Med** 1985 Mar;13(3):191–3

High frequency jet ventilation in tracheopleural fistula: case report. Fernandez NA, et al. **Tex Med** 1985 Mar;81(3):61-2

[Obstruction with a biological adhesive of a bronchopleural fistula following pneumonectomy (letter)] Guérin JC, et al. **Rev Pneumol Clin** 1984;40(5):337 **(Fre)**

[Respiratory controlled intermittent inspiratory pleural drainage--a method for handling life threatening bronchopleural fistulas] Gramm HJ, et al. **Anaesthesist** 1984 Oct;33(10):507-10 (Eng. Abstr.) **(Ger)**

[Endoscopical sealing of bronchopleural fistula complicated after pneumonectomy] Sakayori S, et al. **Kyobu Geka** 1984 Oct;37(11):867-9 (Eng. Abstr.) **(Jpn)**

PLEURAL EFFUSION

Pleural fluid eosinophilia in association with trauma. Darbyshire PG, et al. **Br J Clin Pract** 1984 Sep;38(9):326

Parapneumonic effusions and empyema in hospitalized children: a retrospective review of 227 cases. Freij BJ, et al. **Pediatr Infect Dis** 1984 Nov-Dec;3(6):578-91

Asbestos-associated chromosomal changes in human mesothelial cells. Lechner JF, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3884-8

Contralateral pleural effusion during chemotherapy for tuberculous pleurisy. Vilaseca J, et al. **Tubercle** 1984 Sep;65(3):209-10

Internal drainage of intractable malignant pleural effusions. Weese JL, et al. **Wis Med J** 1984 May;83(5):21-3

[Treatment of malignant pleural exudates with talcum instillation and pleural drainage] Sørensen PG, et al. **Ugeskr Laeger** 1984 May 14;146(20):1485-7 (Eng. Abstr.) **(Dan)**

[Malignant pleural effusions. Pathophysiology, diagnosis and therapy] Kreuser ED. **Dtsch Med Wochenschr** 1985 Sep 6;110(36):1381-6 (41 ref.) **(Ger)**

[Pleural effusions] Catena E. **Arch Monaldi** 1984 May-Jun;39(3):127-32 (Eng. Abstr.) **(Ita)**

BLOOD

Diagnostic utility of pleural fluid eosinophilia. Adelman M, et al. **Am J Med** 1984 Nov;77(5):915-20

[Determination of carcinoembryonic antigen in the serum and pleural fluid of patients with pleural effusion of various etiologies] Sanchez Gascón F, et al. **Rev Clin Esp** 1984 Sep 30;174(6):227-31 (Eng. Abstr.) **(Spa)**

CHEMICALLY INDUCED

Pneumonitis with pleural and pericardial effusion and neuropathy during amiodarone therapy. Clarke B, et al. **Int J Cardiol** 1985 May;8(1):81-8

COMPLICATIONS

Tropical pulmonary eosinophilia associated with pleural effusions. Boornazian JS, et al. **Am J Trop Med Hyg** 1985 May;34(3):473-5

Hemodynamic profile of constrictive pericarditis produced by a massive right pleural effusion. Dell'Italia LJ, et al. **Cathet Cardiovasc Diagn** 1984;10(5):471-7

Pleural effusion and recurrent broncho-pneumonia with lymphedema, yellow nails and protein-losing enteropathy. Battaglia A, et al. **Eur J Respir Dis** 1985 Jan;66(1):65-9

Acute pleural effusions in inactive ankylosing spondylitis. Kinnear WJ, et al. **Thorax** 1985 Feb;40(2):150-1

[Intrauterine treatment of nonimmunologic hydrops fetalis associated with pleural effusion] Shimokawa H, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan;37(1):66-72 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

Diagnostic utility of pleural fluid eosinophilia [letter] **Am J Med** 1985 May;78(5):A59, A70

Use of a monoclonal antibody (B72.3) as an immunocytochemical adjunct to diagnosis of adenocarcinoma in human effusions. Johnston WW, et al. **Cancer Res** 1985 Apr;45(4):1894-900

Chylothorax and pseudochylothorax. Sassoon CS, et al. **Clin Chest Med** 1985 Mar;6(1):163-71

Pleural effusions: meeting the diagnostic challenge. Bell RC, et al. **Geriatrics** 1985 Apr;40(4):101-8 (19 ref.)

Ribonuclease at pH5 in malignant pleural effusion. Dhar SN, et al. **Indian J Chest Dis Allied Sci** 1984 Jan-Mar;26(1):30-3

Mid-trimester fetal thoracentesis. Benacerraf BR, et al. **JCU** 1985 Mar-Apr;13(3):202-4

Prenatal pleural effusion associated with congenital pulmonary lymphangiectasia. Wilson RH, et al. **Prenat Diagn** 1985 Jan-Feb;5(1):73-6

[Advances in the diagnosis of pleural effusion] Lei ZZ. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Dec;7(6):370-2 **(Chi)**

[Diagnostic value of lysozyme activity in pleural effusion] Li JZ. **Chung Hua Nei Ko Tsa Chih** 1984 Nov;23(11):692-3 (Eng. Abstr.) **(Chi)**

[Pleural exudate in pancreatitis--a differential diagnosis] Sørensen EV, et al. **Ugeskr Laeger** 1985 Mar 25;147(13):1120-1 (Eng. Abstr.) **(Dan)**

[The pleura, in 1984] Remy J. **Ann Radiol (Paris)** 1984 Nov;27(7):642-7 (Eng. Abstr.) **(Fre)**

[Diagnosis of pleural effusion by biochemical parameters] Morishita M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Oct;22(10):853-60 (Eng. Abstr.) **(Jpn)**

[Methodology and the clinical importance of the ultrasound method in diagnosing exudative processes in the pleural cavity] Litviakov AM. **Ter Arkh** 1985;57(3):96-8 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Comparison of cefoperazone sodium vs methicillin, ticarcillin, and tobramycin in treatment of pulmonary exacerbations in patients with cystic fibrosis. Jewett CV, et al. **J Pediatr** 1985 Apr;106(4):669-72

Chylous effusions due to neuroblastoma resolved by intrapleural chlorambucil coupled to father's antibodies. Melino G, et al. **J Pediatr Surg** 1985 Apr;20(2):179-81

Cisplatin and cytarabine administered intrapleurally as treatment of malignant pleural effusions. Markman M, et al. **Med Pediatr Oncol** 1985;13(4):191-3

ENZYMOLOGY

Raised pleural fluid amylase level as an aid in the diagnosis of adenocarcinoma of the lung. Buckler H, et al. **Br J Clin Pract** 1984 Oct;38(10):359-61, 371

Isolation and characterization of cancer-associated galactosyltransferase isoenzyme. Ram BP, et al. **Clin Chem** 1984 Oct;30(10):1656-63

Lysozyme concentrations in synovial fluid, pleural fluid and thoracic duct lymph in rheumatoid arthritis. Klockars M, et al. **Scand J Rheumatol** 1985;14(1):69-75

[Detection of T lymphocytes with acid alpha-naphthyl acetate esterase. Specificity and use in pleural effusions] Eckert H, et al. **Z Erkr Atmungsorgane** 1984;163(1):49-53 (Eng. Abstr.) **(Ger)**

[Early diagnosis of pleuroperitoneal tuberculosis by the determination of adenosine deaminase] Martínez-Vázquez JM, et al. **Med Clin (Barc)** 1984 Nov 3;83(14):578-80 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Laterality of pleural effusions with cardiomegaly [letter] Gallagher CG. **Am J Cardiol** 1984 Nov 1;54(8):1170-1

Urinothorax as a manifestation of nondilated obstructive uropathy following renal transplantation. Carcillo J Jr, et al. **Am J Kidney Dis** 1985 Mar;5(3):211-3

Pleural effusion in the first days of life: a prospective study. Long WA, et al. **Am J Perinatol** 1984 Jan;1(2):190-4

Probable pulmonary anisakiasis accompanying pleural effusion. Kobayashi A, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):310-3

The pathogenesis of low glucose, low pH malignant effusions. Good JT Jr, et al. **Am Rev Respir Dis** 1985 May;131(5):737-41

Complications associated with a narrow bore nasogastric tube. Grossman TW, et al. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):460-3

Rheumatoid arthritis with bloody and cholesterol pleural effusion. Lee SS, et al. **Arch Pathol Lab Med** 1985 Aug;109(8):769-71

Serous effusions in monocytic leukaemias. Mufti GJ, et al. **Br J Haematol** 1984 Nov;58(3):547-52

Acute pneumonitis with bilateral pleural effusion after talc pleurodesis. Bouchama A, et al. **Chest** 1984 Nov;86(5):795-7

Carcinomatous and tuberculous pleural effusions. Comparison of tumor markers. Niwa Y, et al. **Chest** 1985 Mar;87(3):351-5

Errant placement of nasoenteric tubes. A hazard in obtunded patients. Theodore AC, et al. **Chest** 1984 Dec;86(6):931-3

Pleural effusion associated with pulmonary embolization. Brown SE, et al. **Clin Chest Med** 1985 Mar;6(1):77-81

Transudative pleural effusions. Chetty KG. **Clin Chest Med** 1985 Mar;6(1):49-54

Exudative pleural effusions secondary to gastrointestinal diseases. Light RW. **Clin Chest Med** 1985 Mar;6(1):103-11

Parapneumonic effusions and empyema. Light RW. **Clin Chest Med** 1985 Mar;6(1):55-62

Malignant pleural effusions. Sahn SA. **Clin Chest Med** 1985 Mar;6(1):113-25

Immunologic diseases of the pleura. Sahn SA. **Clin Chest Med** 1985 Mar;6(1):83-102 (139 ref.)

Characteristics and prognostic value of pleural effusions in non-Hodgkin's lymphomas. Xaubet A, et al. **Eur J Respir Dis** 1985 Feb;66(2):135-40

Co-existent chylous and serous pleural effusions associated with ovarian cancer: a case report of Contarini's syndrome. Lawton F, et al. **Eur J Surg Oncol** 1985 Jun;11(2):177-8

Pleural effusions after endoscopic variceal sclerotherapy. Bacon BR, et al. **Gastroenterology** 1985 Jun;88(6):1910-4

Diagnosis and management of mediastinal migration of central venous pressure catheters. Moorthy SS, et al. **Heart Lung** 1985 Jan;14(1):80-3

Pulmonary eosinophilia presenting with bilateral pleural effusion and consolidation. Purohit SD, et al. **Indian J Chest Dis Allied Sci** 1984 Apr-Jun;26(2):126-9

Chronic pancreatic pleural effusions and ascites. Gertsch P, et al. **Int Surg** 1984 Apr-Jun;69(2):145-7

Diagnostic efficacy of estimating fibrinogen/fibrin degradation products in pleural and peritoneal effusion fluids. Dube B, et al. **J Assoc Physicians India** 1984 Jun;32(6):493-5

Persistent pleural effusion complicating sarcoidosis. Hudson JA, et al. **J Med Assoc Ga** 1984 Sep;73(9):601-2

Chlamydia trachomatis causing pleural effusion [letter] Mundel G, et al. **J Pediatr** 1985 Jan;106(1):167

Hemorrhagic complications of Henoch-Schönlein syndrome. Clark JH, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):311-5

Pancreatic pleural effusion with normal serum amylase levels [letter] Leung AK. **J R Soc Med** 1985 Aug;78(8):698

Comparison of needle biopsy with cytologic analysis for the evaluation of pleural effusion: analysis of 414 cases. Prakash UB, et al. **Mayo Clin Proc** 1985 Mar;60(3):158-64

Primary pulmonary leiomyosarcoma with digital clubbing and pleural effusion. Case report. Passamonte PM, et al. **Mo Med** 1984 Oct;81(10):667-8

Eosinophilic pleural effusion: a review of 36 cases. Wysenbeek AJ, et al. **Respiration** 1985;48(1):73-6

Hemorrhagic right pleural effusion complicating pancreatitis [letter] Benson L, et al. **S Afr Med J** 1985 Feb 2;67(5):160

Pleuropulmonary Whipple's disease. Pollock JJ. **South Med J** 1985 Feb;78(2):216-7

Pleuroscopy in the diagnosis of pleural effusion using a fiberoptic bronchoscope. Sarkar SK, et al. **Tubercle** 1985 Jun;66(2):141-4

Diagnostic value of carcinoembryonic antigen (CEA) assay in pleural effusions. Pierucci G, et al. **Tumori** 1984 Oct 31;70(5):421-5

[Vascular perforation caused by central venous catheter] Saïd R, et al. **Can Anesthesiol** 1984 Nov;32(7):571-2 **(Fre)**

[A case of pleuropericarditis preceding acute lymphoblastic leukemia] Zitouna M, et al. **Tunis Med** 1984 Mar-Apr;62(2):153-5 (Eng. Abstr.) **(Fre)**

[Fibrin pleurodesis in malignant pleural effusions] Kreuser ED, et al. **Dtsch Med Wochenschr** 1985 Sep 6;110(36):1365-8 (Eng. Abstr.) **(Ger)**

[Rheumatoid body cavity effusions in chronic polyarthritis. 5 cases with special reference to cytopathology] Spieler P, et al. **Schweiz Med Wochenschr** 1984 Aug 18;114(33):1110-7 (Eng. Abstr.) **(Ger)**

[Nosological classification of pleural effusions] Bariffi F. **Arch Monaldi** 1984 Jul-Aug;39(4):243-52 (Eng. Abstr.) **(Ita)**

[Pleural effusion due to rupture of benign cystic teratoma into left pleural cavity: a review of the Japanese literature] Tatsumura T, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Nov;32(11):2013-20 (Eng. Abstr.) **(Jpn)**

[A case of asbestosis with recurrent bloody pleural effusion] Miyasaki T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Nov;22(11):1021-6 (Eng. Abstr.) **(Jpn)**

[A case of granulocytic sarcoma with near tetraploidy and pleural and pericardial effusions as initial manifestations] Kusaka H, et al. **Nippon Naika Gakkai Zasshi** 1984 Aug;73(8):1170-6 **(Jpn)**

[A case of paragonimiasis miyazakii appearing with bilateral pneumothorax, effusion and alternating chest pain--a review of 82 cases reported in Japan] Matumine H, et al. **Nippon Naika Gakkai Zasshi** 1985 May;74(5):597-605 **(Jpn)**

[Two cases of paragonimiasis westermani with bilateral pleural effusion] Tashiro T, et al. **Nippon Naika Gakkai Zasshi** 1984 Oct;73(10):1485-9 **(Jpn)**

[A case of malignant histiocytosis with pleural effusion and ascites] Tashiro T, et al. **Nippon Naika Gakkai Zasshi** 1984 Nov;73(11):1691-6 **(Jpn)**

[Pleural effusion in bacterial pneumonia] Gryminski J. **Pneumonol Pol** 1984 Nov-Dec;52(11-12):549-55 (Eng. Abstr.) **(Pol)**

[Etiology of exudative pleurisy] Burgielski R. **Pol Tyg Lek** 1985 Jan 7;40(1):9-11 (Eng. Abstr.) **(Pol)**

[Trapped lung syndrome. A rare cause of chronic pleural effusion] Gea J, et al. **Med Clin (Barc)** 1985 May 25;84(20):825-7 (Eng. Abstr.) **(Spa)**

[Pleuropericardial effusion as the initial manifestation of malignant thymoma (letter)] Rodriguez López I, et al. **Med Clin (Barc)** 1985 Mar 9;84(9):377-8 **(Spa)**

[Parapneumonic effusion: development over 12 months] Sobradillo Peña V, et al. **Med Clin (Barc)** 1984 Sep 22;83(8):317-20 (Eng. Abstr.) **(Spa)**

[Pleural effusion. Study of a series of 226 patients] Conde Yagüe, et al. **Rev Clin Esp** 1984 Sep 30;174(6):217-22 (Eng. Abstr.) **(Spa)**

[Pleural effusion associated with a neoplasm. Review of 274 cases] Paricio Núñez P, et al. **Rev Clin Esp** 1984 Sep 30;174(6):223-6 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Characterization of pleural effusions by flow-cytometric DNA analysis. Høstmark J, et al. **Eur J Respir Dis** 1985 May;66(5):315-9

IMMUNOLOGY

Ca2 and Ca3. New monoclonal antibodies evaluated as tumor markers in serous effusions. Bramwell ME, et al. **Cancer** 1985 Jul 1;56(1):105-10

T-lymphocyte subsets in pleural fluids: discrimination according to traditional and monoclonal antibody-defined markers. Kochman S, et al. **Eur J Respir Dis** 1984 Nov;65(8):586-91

Activation of lymphocytes by PPD and PHA is promoted by exudate from BCG-induced pleurisy. Widström O. **Eur J Respir Dis** 1984 Oct;65(7):537-43

Immunocytochemical reaction of Ca1 and HMFG2 monoclonal antibodies with cells from serous effusions. Singer S, et al. **J Clin Pathol** 1985 Feb;38(2):180–4

E receptor-related immunosuppressive factor in malignant pleural fluid and plasma: molecular mechanism of action on DNA-polymerase-alpha. Oh SK, et al. **J Immunol** 1985 Jul;135(1):355–61

Carcinoembryonic antigen (CEA) levels in pleural effusions and sera of lung cancer patients. Ogushi F, et al. **Jpn J Clin Oncol** 1984 Sep;14(3):321–7

Identification of a tumor-related protein antigen in immune complexes derived from pleural effusions of patients with bronchial carcinoma. Lawniczak M, et al. **Neoplasma** 1985; 32(1):9–20

[Study of surface markers on lymphocytes in the pleural fluid of cancer patients] di Matteo L, et al. **Arch Monaldi** 1984 Jul–Aug;39(4):307–12 (Eng. Abstr.) **(Ita)**

[Determination of carcinoembryonic antigen in the serum and pleural fluid of patients with pleural effusion of various etiologies] Sánchez Gascón F, et al. **Rev Clin Esp** 1984 Sep 30;174(6):227–31 (Eng. Abstr.) **(Spa)**

METABOLISM

Penetration and clearance of cefoperazone and moxalactam in pleural fluid. Yamada H, et al. **Antimicrob Agents Chemother** 1985 Jan;27(1):93–5

Hyaluronic acid content of effusions as a diagnostic aid for malignant mesothelioma. Roboz J, et al. **Cancer Res** 1985 Apr;45(4):1850–4

Chyliform (cholesterol) pleural effusion. Hillerdal G. **Chest** 1985 Sep;88(3):426–8

Rapid distribution of adriamycin in the ascitic and pleural fluid of women with ovarian carcinomas. Lazo JS, et al. **Gynecol Oncol** 1985 May;21(1):65–72

Glycolipid composition of ascitic fluids from patients with cancer. Taki T, et al. **J Biochem (Tokyo)** 1984 Oct; 96(4):1257–65

Pleural fluid ferritin concentrations in human disease. Klockars M, et al. **J Clin Pathol** 1985 Jul;38(7):818–24

[Significance of ferritin determination in pleural effusions and ascitic fluid] Yu SY. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1985 Feb;8(1):28–30, 61 (Eng. Abstr.) **(Chi)**

[Concentrations of carcinoembryonic antigen and ferritin in pleural and ascitic effusion of various origins (letter)] Stabellini G, et al. **Gastroenterol Clin Biol** 1985 Jun–Jul; 9(6–7):543–5 **(Fre)**

[Gasometry of the pleural fluid] Ayoub A, et al. **Tunis Med** 1984 Dec;62(8):599–605 (Eng. Abstr.) **(Fre)**

[Reduced pH, glucose and bicarbonate in malignant pleural effusions] Lieberman D, et al. **Harefuah** 1984 Dec 16; 107(12):380–3 (Eng. Abstr.) **(Heb)**

[Gas analysis evaluation in pleural fluid] Scoditti S, et al. **Arch Monaldi** 1984 Jan–Apr;39(1–2):75–82 (Eng. Abstr.) **(Ita)**

[Penetration of cefmenoxime into pleural fluid] Miyazaki N, et al. **Jpn J Antibiot** 1984 Oct;37(10):1763–5 (Eng. Abstr.) **(Jpn)**

[Studies of albumin with double peaks. III. Relationship between double-peaked albumin of the pleural effusion and proteolytic enzymes of the pancreas] Senju O, et al. **Rinsho Byori** 1984 Oct;32(10):1143–7 **(Jpn)**

[Cholesterol pleural effusion (letter)] Barberá Mir JA, et al. **Rev Clin Esp** 1985 Apr;176(7):372–3 **(Spa)**

[Acid-base, ionic and enzymatic parameters in pleural effusions: their dependence on blood parameters] Martínez-Berganza Asensio A, et al. **Rev Clin Esp** 1984 Jul 15–31;174(1–2):35–40 (Eng. Abstr.) **(Spa)**

MICROBIOLOGY

Nontuberculous mycobacteria in pleural fluid. Assessment of clinical significance. Gribetz AR, et al. **Chest** 1985 Apr; 87(4):495–8

Listeria pleural effusion in a noncompromised host. Zawadsky PM, et al. **J Fam Pract** 1985 Jan;20(1):79–80

Adenovirus associated with congenital pleural effusion. Meyer K, et al. **J Pediatr** 1985 Sep;107(3):433–5

PATHOLOGY

Ultrastructural studies of cells in body cavity effusions. Bewtra C, et al. **Acta Cytol (Baltimore)** 1985 May–Jun; 29(3):226–38

Rheumatoid pleural effusion. A transmission and scanning electron microscopic evaluation. Geisinger KR, et al. **Acta Cytol (Baltimore)** 1985 May–Jun;29(3):239–47

Benign-appearing mesothelioma cells in a serous effusion [letter] Guffanti MC, et al. **Acta Cytol (Baltimore)** 1985 Jan–Feb;29(1):90–2

Predominant T cells in pleural effusion of a patient with B-cell CLL. Ben-Chetrit E, et al. **Acta Haematol (Basel)** 1985;73(2):101–3

A study on the mesothelial cell kinetics in pleural effusions by DNA cytophotometry and autoradiography with tritiated thymidine. Isoda K, et al. **Acta Pathol Jpn** 1984 Jul;34(4):775–83

Sensitivity enhancement of the cytologic detection of cancer cells in effusions by monoclonal antibodies. Ménard S, et al. **Am J Clin Pathol** 1985 May;83(5):571–6

Benign mesothelial proliferation with effusion. Clinicopathologic entity that may mimic malignancy. Hansen RM, et al. **Am J Med** 1984 Nov;77(5):887–92

Establishment of two new myeloma cell lines from bilateral pleural effusions: evidence for sequential in vivo clonal change. Durie BG, et al. **Blood** 1985 Sep;66(3):548–55

Percoll density gradient separation of cells from human malignant effusions. Hamburger AW, et al. **Br J Cancer** 1985 Feb;51(2):253–8

Flow cytometric identification of cancer cells in effusions with Ca1 monoclonal antibody. Czerniak B, et al. **Cancer** 1985 Jun 15;55(12):2783–8

The malignant pleural effusion. A review of cytopathologic diagnoses of 584 specimens from 472 consecutive patients. Johnston WW. **Cancer** 1985 Aug 15;56(4):905–9

Lung cancer and pleural effusion. Clinical significance and study of pleural metastatic locations. Cantó A, et al. **Chest** 1985 May;87(5):649–52

Pleural and pericardial effusions in cancer patients. McKenna RJ Jr, et al. **Curr Probl Cancer** 1985 Jun;9(6):1–44 (112 ref.)

Unilateral pleural effusion without clinical ascites in Laennec's cirrhosis. Llaneza PP, et al. **Dig Dis Sci** 1985 Jan;30(1):88–91

Amoebic pleural effusion--diagnosed by microscopy. Gaur SN, et al. **Indian J Chest Dis Allied Sci** 1984 Apr–Jun; 26(2):123–5

Immunocytochemical staining of T and B lymphocytes in serous effusions. Ghosh AK, et al. **J Clin Pathol** 1985 Jun; 38(6):608–12

Ultrastructure of the surface coat of the mesothelial and cancer cells from human effusions. Czerniak B. **Mater Med Pol** 1984 Jan–Mar;16(1):3–7

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 22-1985. An 88-year-old man with weight loss and a large pleural effusion. **N Engl J Med** 1985 May 30;312(22):1440–7

Detection of carcinoembryonic antigen as an aid in differential diagnosis of cells in pleural and peritoneal effusions. Breborowicz D, et al. **Patol Pol** 1984 Jan–Mar; 35(1):37–43

Analysis of malignant effusions by cellular composition, proliferation kinetics, and in vitro clonogenicity. Hofmann V, et al. **Recent Results Cancer Res** 1984;94:35–40

Thoracoscopic, histological, and clinical findings in nine case of rheumatoid pleural effusion. Faurschou P, et al. **Thorax** 1985 May;40(5):371–5

[Analysis of the structure and distribution of chromatin in interphase nuclei of different cell types from a pleural effusion of tumoral origin in man. Cytophotometric and electron microscopic studies] Gotzos V, et al. **Acta Histochem (Jena)** 1984;75(1):69–83 (Eng. Abstr.) **(Fre)**

[Value of pleural puncture biopsy in the etiological diagnosis of clear-fluid pleurisy (possibilities and limitations)] Ladjimi S, et al. **Tunis Med** 1984 Sep;62(5):351–6 (Eng. Abstr.) **(Fre)**

[Results of combined blind pleural biopsy and cytology in the differential diagnosis of pleural effusions] Barthel E, et al. **Z Erkr Atmungsorgane** 1984;163(1):61–4 (Eng. Abstr.) **(Ger)**

[Eosinophilic parapneumonic effusion (letter)] Ayensa Dean C, et al. **Med Clin (Barc)** 1985 Feb 23;84(7):295 **(Spa)**

[Cells in the pleural fluid. Their use in the differential diagnosis of pleural effusion] Conde Yagüe R, et al. **Rev Clin Esp** 1984 May 31;173(4):211–4 (Eng. Abstr.) **(Spa)**

[Bilateral pleural effusion in patients without cardiac insufficiency. Study of 61 cases] Page del Pozo A, et al. **Rev Clin Esp** 1985 Feb;176(3):127–9 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Pancreatic pleuropericardial effusions. Fistulous tracts demonstrated by computed tomography. Louie S, et al. **Arch Intern Med** 1985 Jul;145(7):1231–4

Effect of alterations of pleural pressure on cardiac output. Wise RA. **South Med J** 1985 Apr;78(4):423–8 (21 ref.)

Effects of pneumothorax or pleural effusion on pulmonary function. Gilmartin JJ, et al. **Thorax** 1985 Jan;40(1):60–5

PREVENTION & CONTROL

Use of sulfur hexafluoride, SF6, in the management of the postpneumonectomy pleural space. Harada K, et al. **Respiration** 1984;46(2):201–8

RADIOGRAPHY

Pleurography in encapsulated effusion. Möller A, et al. **Acta Radiol [Diagn] (Stockh)** 1985 May–Jun;26(3):255–6

Tilted air-fluid interfaces on chest radiographs. Jackson H, et al. **AJR** 1985 Jan;144(1):37–8

Central bronchial displacement with large posterior pleural collections. Findings on the lateral chest radiograph and CT scans. Proto AV, et al. **J Can Assoc Radiol** 1984 Jun; 35(2):128–32

Atelectasis and subpulmonic fluid: a CT pitfall in distinguishing pleural from peritoneal fluid. Silverman PM, et al. **J Comput Assist Tomogr** 1985 Jul–Aug;9(4):763–6

Vanishing lung tumor. Kabnick EM, et al. **J Natl Med Assoc** 1985 Mar;77(3):229–30

Thoracic radiographic changes after systemic hyperthermia for advanced cancer. Stark P, et al. **Radiology** 1985 Jan; 154(1):55–8

[Rounded atelectasis and persistent pleural effusion on top of fibrothorax. Report of a case] Weyeneth M, et al. **Schweiz Med Wochenschr** 1985 Feb 2;115(5):166–71 (Eng. Abstr.) **(Fre)**

[Differential diagnosis between calcified pleural adhesions and persistent pleural effusion] Shmitt VG, et al. **Vestn Rentgenol Radiol** 1984 Jul–Aug;(4):43–7 **(Rus)**

RADIONUCLIDE IMAGING

Unsuspected bilateral pleural effusions on a renal scan. Bates HR, et al. **Clin Nucl Med** 1985 Jun;10(6):434–5

Detection of unsuspected malignant pleural effusion by bone scan. Goldstein HA, et al. **Clin Nucl Med** 1984 Oct; 9(10):556–7

Renal transplant extravasation of urine through a chest tube: an unusual appearance on radionuclide imaging. Kuzbary Y, et al. **Nucl Med Commun** 1984 Oct;5(10):655–9

Accumulation of 99mTc methylene diphosphonate in malignant pleural and ascitic effusion. Kida T, et al. **Oncology** 1984;41(6):427–30

SURGERY

Percutaneous catheter drainage of pleural effusion and empyema. Westcott JL. **AJR** 1985 Jun;144(6):1189–93

[An unusual cause of postoperative hemothorax: spontaneous rupture of the internal mammary artery] Martini G, et al. **Prax Klin Pneumol** 1984 Oct;38(10):469–70 (Eng. Abstr.) **(Ger)**

THERAPY

Refractory massive pleural effusion in systemic lupus erythematosus treated with talc poudrage. Kaine JL. **Ann Rheum Dis** 1985 Jan;44(1):61–4

Pleuroperitoneal shunt for intractable pleural effusion. Dorsey JS, et al. **Can J Surg** 1984 Nov;27(6):598–9

Intrapleural administration of OK432 in cancer patients: augmentation of autologous tumor killing activity of tumor-associated large granular lymphocytes. Uchida A, et al. **Cancer Immunol Immunother** 1984;18(1):5–12

Treatment of malignant pleural effusion. Reshad K, et al. **Chest** 1985 Sep;88(3):393–7

Treatment of malignant pleural effusions with intrapleural Corynebacterium parvum or tetracycline. Leahy BC, et al. **Eur J Respir Dis** 1985 Jan;66(1):50–4

Diagnosis and treatment of malignant pleural effusion. Hausheer FH, et al. **Semin Oncol** 1985 Mar;12(1):54–75 (175 ref.)

A new instrument for thoracentesis. Clarke JM. **Surg Gynecol Obstet** 1984 Dec;159(6):586–8

Further experience of Corynebacterium parvum in malignant pleural effusion. McLeod DT, et al. **Thorax** 1985 Jul; 40(7):515–8

[Treatment of malignant pleural effusion] Daugaard JJ, et al. **Ugeskr Laeger** 1985 Feb 18;147(8):691–5 (Eng. Abstr.) **(Dan)**

[Thoracoscopy with drainage of the pleural cavity in the treatment of pleuritis in oncological patients] Trakhtenberg AKh, et al. **Sov Med** 1985;(1):71–5 **(Rus)**

[Pleural effusion of malignant etiology. Thoracoscopic use of talc as an effective method of pleurodesis] Cantó A, et al. **Med Clin (Barc)** 1985 May 25;84(20):806–8 (Eng. Abstr.) **(Spa)**

[Drainage of neoplastic pleuropericardial effusion (letter)] Cantó Armengod A, et al. **Med Clin (Barc)** 1985 Jun 1; 85(1):38–9 **(Spa)**

VETERINARY

Pathogenetic observations on pleural effusion disease in rabbits. Fennestad KL. **Arch Virol** 1985;84(3–4):163–74

Pleural effusion as a sequela to aelurostrongylosis in a cat. Miller BH, et al. **J Am Vet Med Assoc** 1984 Sep 1; 185(5):556–7

Pleural effusion secondary to metastasis of an ovarian adenocarcinoma in a horse. Morris DD, et al. **J Am Vet Med Assoc** 1985 Aug 1;187(3):272–4

PLEURAL NEOPLASMS

Benign and malignant pleural mesothelioma. Antman KH, et al. **Clin Chest Med** 1985 Mar;6(1):127–40 (112 ref.)

[Mesotheliomas] Schützner J, et al. **Sb Lek** 1984 Jun; 86(5–6):176–85 (Eng. Abstr.) **(Cze)**

BLOOD SUPPLY

[A case of dorsal vascular murmur after treatment of pleuritis carcinomatosa] Kubota M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Oct; 22(10):915–9 (Eng. Abstr.) **(Jpn)**

CHEMICALLY INDUCED

A case of asbestos associated disease in Sri Lanka. Uragod CG, et al. **Ceylon Med J** 1983 Dec;28(4):247–9

COMPLICATIONS

Treatment of malignant pleural effusion. Reshad K, et al **Chest** 1985 Sep;88(3):393–7

Malignant pleural effusions. Sahn SA. **Clin Chest Med** 198 Mar;6(1):113–25

Pleural mesothelioma and the syndrome of inappropriat secretion of antidiuretic hormone. Siafakas NM, et al. **Thorax** 1984 Nov;39(11):872–3

[Achalasia of the lower esophageal sphincter caused pleural mesothelioma (letter)] Hostein J, et al. **Gastroenterol Clin Biol** 1984 Nov;8(11):880-1 **(Fre)**

[A case of non-Hodgkin's lymphoma with pyothorax] Iuchi K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec; 22(12):1165-9 (Eng. Abstr.) **(Jpn)**

[Hypertrophic osteoarthropathy secondary to benign fibrous mesothelioma] Bjerkhoel FJ, et al. **Tidsskr Nor Laegeforen** 1985 Apr 20;105(11):735-7, 741 (Eng. Abstr.) **(Nor)**

[Case of pleural mesothelioma complicated by amyloidosis of the internal organs] Tyrkasova VM, et al. **Klin Med (Mosk)** 1984 Oct;62(10):126-8 **(Rus)**

[Catamenial pneumothorax. Study of a case] Munar Qués M, et al. **Med Clin (Barc)** 1984 Dec 8;83(19):804-6 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Immunocytochemical diagnosis of acute leukemia with pleural involvement. Janckila AJ, et al. **Acta Cytol (Baltimore)** 1985 Jan-Feb;29(1):67-72

Hyaluronic acid content of effusions as a diagnostic aid for malignant mesothelioma. Roboz J, et al. **Cancer Res** 1985 Apr;45(4):1850-4

Pleural mesotheliomas. Mahmood S, et al. **Indian J Cancer** 1983 Nov-Dec;20(5):247-54

Malignant mesothelioma. De Kraay WH. **Wis Med J** 1985 Feb;84(2):32-4

[Ultrasonic scanning of a pleural mesothelioma] Cold S, et al. **Ugeskr Laeger** 1984 Sep 10;146(37):2789 (Eng. Abstr.) **(Dan)**

[A frequently deceptive pathology: pleural fibroma. Apropos of 2 recent surgically-diagnosed cases] Bazelly B, et al. **Ann Chir** 1983 Oct;37(7):547-50 (Eng. Abstr.) **(Fre)**

[Malignant pleural mesothelioma: clinical aspects and results of treatment] Leblanc P, et al. **Union Med Can** 1984 Nov; 113(11):968-72 (Eng. Abstr.) **(Fre)**

[Malignant pleural mesotheliomas. Comparison of roentgenologic and autopsy findings] Lange S, et al. **ROFO** 1984 Oct;141(4):402-8 (Eng. Abstr.) **(Ger)**

[Ultrasonographic and CT findings in mesothelioma] Ikezoe J, et al. **Rinsho Hoshasen** 1985 Feb;30(2):307-10 (Eng. Abstr.) **(Jpn)**

[Ultrasonic diagnosis of chest diseases] Ikezoe J, et al. **Rinsho Hoshasen** 1984 Oct;29(11 Suppl):1175-85 **(Jpn)**

[A case of localized pleural mesothelioma simulating mediastinal tumor] Przystasz T, et al. **Pneumonol Pol** 1984 Aug;52(8):393-6 (Eng. Abstr.) **(Pol)**

DRUG THERAPY

Phase II trial of high-dose cisplatin in patients with malignant mesothelioma. Mintzer DM, et al. **Cancer Treat Rep** 1985 Jun;69(6):711-2

Intracavitary cisplatin chemotherapy for mesothelioma. Pfeifle CE, et al. **Cancer Treat Rep** 1985 Feb;69(2):205-7

Cisplatin and cytarabine administered intrapleurally as treatment of malignant pleural effusions. Markman M, et al. **Med Pediatr Oncol** 1985;13(4):191-3

Intracavitary chemotherapy for malignant disease confined to body cavities. Markman M. **West J Med** 1985 Mar; 142(3):364-8 (53 ref.)

[Intrapleural injection of hyaluronidase in mesothelioma (letter)] Mulliez P, et al. **Presse Med** 1985 Jun 22; 14(25):1383 **(Fre)**

[Chemotherapy of bronchopulmonary and pleural adenocarcinoma. Apropos of 31 cases] Lebeau B, et al. **Rev Pneumol Clin** 1985;41(2):135-7 (Eng. Abstr.) **(Fre)**

[A case of remission in diffuse pleural mesothelioma induced by anticancer chemotherapy with cisplatin and adriamycin] Kinoshita S, et al. **Gan To Kagaku Ryoho** 1985 Sep; 12(9):1872-6 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

Histological types of malignant mesothelioma and asbestos exposure. Wright WE, et al. **Br J Ind Med** 1984 Nov; 41(4):514-7

Are all mesotheliomas due to asbestos? [editorial] Davies D. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1164-5

Malignant pleural mesothelioma following radiotherapy in a 16-year-old boy. Anderson KA, et al. **Cancer** 1985 Jul 15;56(2):273-6

Association of lymphocytic neoplasia and mesothelioma. Efremidis AP, et al. **Cancer** 1985 Mar 1;55(5):1056-9

Fiber concentration in lung tissue of patients with malignant mesothelioma. A case-control study. Mowé G, et al. **Cancer** 1985 Sep 1;56(5):1089-93

Asbestos-associated diseases: lessons from the past for the future [letter] Fischbein A, et al. **JAMA** 1985 Sep 13; 254(10):1309-10

[Proposed outline of the most likely pathogenetic patterns in mesotheliomas, especially of the pleura] Giampalmo A, et al. **Pathologica** 1984 Jul-Aug;76(1044):437-42 (Eng. Abstr.) **(Ita)**

[Morphological assessment of pleural tumors induced in rats by Dzhetygara chrysotile asbestos and lizardite] Kulagina TF, et al. **Gig Tr Prof Zabol** 1985 Mar;(3):27-9 (Eng. Abstr.) **(Rus)**

[Etiology, pathogenesis and clinico-morphological characteristics of mesotheliomas (a review of the literature)] Zerbino DD, et al. **Vrach Delo** 1984 Oct;(10):4-8 (79 ref.) **(Rus)**

METABOLISM

Granulocytic sarcoma with pleural involvement. Identification of neoplastic cells with cytochemistry. Yam LT. **Acta Cytol (Baltimore)** 1985 Jan-Feb;29(1):63-6

Glycosaminoglycans in malignant diffuse mesothelioma. Kawai T, et al. **Cancer** 1985 Aug 1;56(3):567-74

Keratins in malignant mesotheliomas and pleural adenocarcinomas: comparative immunohistochemical analysis with polyclonal and monoclonal antibodies. Bejui-Thivolet F, et al. **Pathol Res Pract** 1984 Sep; 179(1):67-73

MORTALITY

Trends in mortality from malignant mesothelioma of the pleura, and production and use of asbestos in Australia. Xu Z, et al. **Med J Aust** 1985 Sep 2;143(5):185-7

OCCURRENCE

Recent trends in incidence rates of pleural mesothelioma in British Columbia. Morrison HI, et al. **Can Med Assoc J** 1984 Nov 1;131(9):1069-71

Malignant mesothelioma in British Columbia in 1982. Churg A. **Cancer** 1985 Feb 1;55(3):672-4

Occupational risks for pleural mesothelioma in Sweden, 1961-79. Malker HS, et al. **JNCI** 1985 Jan;74(1):61-6

Indications of an increase of occupational pleural mesothelioma in Japan. Baba K. **Sangyo Ika Daigaku Zasshi** 1983 Mar 1;5(1):3-15

PATHOLOGY

Benign-appearing mesothelioma cells in a serous effusion [letter] Guffanti MC, et al. **Acta Cytol (Baltimore)** 1985 Jan-Feb;29(1):90-2

Benign mesothelial proliferation with effusion. Clinicopathologic entity that may mimic malignancy. Hansen RM, et al. **Am J Med** 1984 Nov;77(5):887-92

Analysis of number, size and distribution patterns of lipid vacuoles in benign and malignant mesothelial cells. Boon ME, et al. **Anal Quant Cytol** 1984 Dec;6(4):221-6

Biochemical and cytological features of diffuse mesotheliomas of the pleura. Matzel W. **Arch Geschwulstforsch** 1985;55(4):259-64

Malignant mesothelioma secondary to chronic inflammation and old scars. Two new cases and review of the literature. Hillerdal G, et al. **Cancer** 1985 May 1;55(9):1968-72

Diagnostic thoracoscopy in pleuro-pulmonary infiltrates without pleural effusion. Faurschou P. **Endoscopy** 1985 Jan; 17(1):21-5

Benign localized mesothelioma of the pleura. Janssen JP, et al. **Histopathology** 1985 Mar;9(3):309-13

Immunohistological study of malignant diffuse mesotheliomas of the pleura. Loosli H, et al. **Histopathology** 1984 Sep; 8(5):793-803

Benign collagenous nodule of the pleura associated with pleural plaques. Raymond J, et al. **J Can Assoc Radiol** 1985 Mar;36(1):71-3

Comparison of needle biopsy with cytologic analysis for the evaluation of pleural effusion: analysis of 414 cases. Prakash UB, et al. **Mayo Clin Proc** 1985 Mar;60(3):158-64

Malignant mesothelioma. Adult Tumor Board [clinical conference] Rowland K, et al. **Med Pediatr Oncol** 1985; 13(1):40-5

Establishment and characterization of human malignant pleural mesothelioma cell line SMC-1. Wu SF, et al. **Sci Sin [B]** 1985 Mar;28(3):281-8

Primary pleural liposarcoma. Evans AR, et al. **Thorax** 1985 Jul;40(7):554-5

[Pleural mesothelioma in an autopsy sample of the Institute of Pathology of the Spandau Hospital] Hartmann CA. **Prax Klin Pneumol** 1985 Feb;39(2):59-64 (Eng. Abstr.) **(Ger)**

[Results of combined blind pleural biopsy and cytology in the differential diagnosis of pleural effusions] Barthel E, et al. **Z Erkr Atmungsorgane** 1984;163(1):61-4 (Eng. Abstr.) **(Ger)**

[Malignant pleural mesothelioma with invasion to the ribs and the spine--report of a case] Fujiwara S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Feb;33(2):255-9 (Eng. Abstr.) **(Jpn)**

[Malignant pleural mesothelioma with disseminated thrombi and myocardial metastases] Molina Boix M, et al. **Rev Clin Esp** 1985 Mar;176(5):248-50 (Eng. Abstr.) **(Spa)**

RADIOGRAPHY

Computed tomography of localized pleural mesothelioma. Dedrick CG, et al. **AJR** 1985 Feb;144(2):275-80

Thoracic splenosis. Moncada R, et al. **AJR** 1985 Apr; 144(4):705-6

Left-sided large tumour. Hillerdal G. **Eur J Respir Dis** 1984 Nov;65(8):611-2

Malignant diffuse pleural mesothelioma--does it produce mediastinal shift? Stark P, et al. **Radiologe** 1985 Feb; 25(2):66-8

[A rare cause of air bronchogram: malignant pleural mesothelioma. Apropos of a case] Pandolfo I, et al. **Ann Radiol (Paris)** 1985;28(1):73-5 (Eng. Abstr.) **(Fre)**

[Computerized tomography of pleuropulmonary pathology due to asbestos] Dongay G, et al. **Rev Mal Respir** 1985; 2(1):31-6 (Eng. Abstr.) **(Fre)**

[Malignant diffuse pleural mesothelioma: a comparison between computed tomography and the conventional chest x-ray] Bohndorf K, et al. **Digitale Bilddiagn** 1985 Mar; 5(1):10-5 (Eng. Abstr.) **(Ger)**

[X-ray picture of pulmonary and pleural lymphogranulomatosis and its characteristics] Seidakov AA, et al. **Radiol Diagn (Berl)** 1985;26(2):225-31 (Eng. Abstr.) **(Ger)**

[Mesotheliomas of the pleura and peritoneum] Engelhard K, et al. **Radiologe** 1985 Feb;25(2):60-5 (Eng. Abstr.) **(Ger)**

[A case of bilateral diffuse malignant pleural mesothelioma with patchy and reticular shadows on the chest X-ray film] Yano T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug;22(8):690-5 (Eng. Abstr.) **(Jpn)**

RADIOTHERAPY

Pleural mesothelioma treated by fast neutron therapy. Blake PR, et al. **Thorax** 1985 Jan;40(1):72-3

SECONDARY

Resection of a metastatic sternal carcinoma and reconstruction of the chest wall: a case report. de la Rocha AG, et al. **Can J Surg** 1984 Nov;27(6):599-601

Lung cancer and pleural effusion. Clinical significance and study of pleural metastatic locations. Cantó A, et al. **Chest** 1985 May;87(5):649-52

Pleural metastasis with osteosarcoma. Dramatic presentation on skeletal scintigraphy. Shore RM, et al. **Clin Nucl Med** 1984 Nov;9(11):622-4

Pleural metastases secondary to prostatic carcinoma: an unusual presentation. Spreen KA, et al. **Del Med J** 1984 Jul;56(7):417-8

Mesothelioma--short latent period after industrial asbestos exposure and prolonged survival. Abratt RP, et al. **Eur J Surg Oncol** 1985 Sep;11(3):279-82

Costal chondrosarcoma with pleural seeding: CT findings. Pandolfo I, et al. **J Comput Assist Tomogr** 1985 Mar-Apr; 9(2):408-9

Pleural and chest wall invasion in bronchogenic carcinoma: CT evaluation. Glazer HS, et al. **Radiology** 1985 Oct; 157(1):191-4

[Unusual pleural involvement in a metastasizing thymoma] Hartmann CA, et al. **Pathologe** 1984 May;5(3):169-72 **(Ger)**

[CT in the diagnosis of thoracic wall invasion of lung cancer] Ito Y, et al. **Kyobu Geka** 1985 May;38(5):380-3 (Eng. Abstr.) **(Jpn)**

[Surgical problems in lung cancer with chest wall involvement] Yoneyama T, et al. **Kyobu Geka** 1985 May; 38(5):355-60 (Eng. Abstr.) **(Jpn)**

SURGERY

[A case of malignant localized pleural mesothelioma] Higami T, et al. **Kyobu Geka** 1984 Sep;37(10):814-8 (Eng. Abstr.) **(Jpn)**

THERAPY

[What should be done in diffuse pleural mesothelioma?] Pellegrini GF, et al. **Minerva Chir** 1985 Feb 28;40(4):191-3 **(Ita)**

ULTRASTRUCTURE

Ultrastructure of poorly differentiated diffuse epithelial mesotheliomas. Dardick I, et al. **Ultrastruct Pathol** 1984; 7(2-3):151-60

[Ultrastructure of asbestos-induced mesotheliomas] Topov Ia, et al. **Vopr Onkol** 1985;31(4):75-8 (Eng. Abstr.) **(Rus)**

VETERINARY

Intrathoracic lipoma in a dog. Woolfson JM, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):1007-9

PLEURAL RUB see **RESPIRATORY SOUNDS**

PLEURISY

BLOOD

The acute phase response of C3, C5, ceruloplasmin, and C-reactive protein induced by turpentine pleurisy in the rabbit. Giclas PC, et al. **Am J Pathol** 1985 Jul;120(1):146-56

COMPLICATIONS

Acute rheumatoid pleurisy with effusion and demonstration of a rheumatoid nodule in the pleura. Chabalko JJ. **Del Med J** 1984 Nov;56(11):649-51

[Pasteurella multocida septicemia associated with pleuritis and pericarditis] Unoki T, et al. **Kansenshogaku Zasshi** 1984 Apr;58(4):327-32 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

Spontaneous bacterial pleuritis in a patient with cirrhosis. Streifler J, et al. **Respiration** 1984;46(4):382-5

[The differential diagnosis of pleurisy] Favez G. **Rev Med Suisse Romande** 1985 Jun;105(6):495-509 (123 ref.) **(Fre)**

[Gasometry of the pleural fluid] Ayoub A, et al. **Tunis Med** 1984 Dec;62(8):599-605 (Eng. Abstr.) **(Fre)**

[Ultrasonic diagnosis of exudative pleurisy in children] Piwowarczyk K, et al. **Pediatr Pol** 1984 Oct;59(10):797-803 (Eng. Abstr.) **(Pol)**

[Differential diagnosis of pleurisy of unclear etiology] Egorova GV, et al. **Grudn Khir** 1985 Mar-Apr;(2):14-6 (Eng. Abstr.) **(Rus)**

[Clinical picture, diagnosis and treatment of anaerobic abscess of the lung and pleurisy] Kolesov AP, et al. **Vestn Khir** 1985 Jan;134(1):17-23 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Anti-inflammatory activity of S-adenosyl-L-methionine in animal models: possible interference with the eicosanoid system. Gualano M, et al. **Int J Tissue React** 1985;7(1):41-6

Effects of indomethacin on pleural pain. Klein RC. **South Med J** 1984 Oct;77(10):1253-4

[Current principles of antibacterial therapy of bronchopulmonary diseases in children] Sereda EV, et al. **Vestn Akad Med Nauk SSSR** 1985;(6):56-60 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Cicatrizing pleuritis with rounded atelectasis associated with asbestos exposure. Shin MS, et al. **Ala Med** 1984 Sep; 54(3):12-4, 16-7

Pleuritic pain, cough long after Hodgkin's. Musher DM, et al. **Hosp Pract [Off]** 1985 Jul 15;20(7):159, 162-3

Unilateral chest wall edema in carcinomatous pleurisy. Naschitz JE, et al. **Respiration** 1985;47(1):73-7

[Scarlet fever, a not always innocent childhood disease] van Aalderen WM, et al. **Ned Tijdschr Geneeskd** 1984 Sep 1; 128(35):1649-51 **(Dut)**

[Cancerous pleuresies observed at the Ariana Institute from 1973 to 1979] Chabbou A, et al. **Tunis Med** 1983 May-Jun; 61(3):179-82 (Eng. Abstr.) **(Fre)**

[Paragonimiasis westermani with exudative pleurisy] Akashi M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jul; 22(7):603-6 (Eng. Abstr.) **(Jpn)**

[An autopsied case of pulmonary asbestosis with bilateral pleuritis] Mikasa K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec; 22(12):1154-9 (Eng. Abstr.) **(Jpn)**

[Etiology of exudative pleurisy] Burgielski R. **Pol Tyg Lek** 1985 Jan 7;40(1):9-11 (Eng. Abstr.) **(Pol)**

[Pericardiac, pleural and pulmonary complications in acute myocardial infarct] Vlaicu R, et al. **Rev Med Interna [Med Interna]** 1985 Mar-Apr;37(2):97-104 (Eng. Abstr.) **(Rum)**

[Exudative pleurisy in sarcoidosis] Shkunov AN. **Probl Tuberk** 1984 Aug;(8):71-2 **(Rus)**

[Rupture of a pancreatic artery aneurysm into the left pleural cavity] Panasenko VI, et al. **Sov Med** 1984;(11):118-9 **(Rus)**

[Morphologic basis of spontaneous pneumothorax and its pleural reaction] Ferrer-Roca O. **Rev Clin Esp** 1984 Dec 15-31;175(5-6):223-7 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Immunological abnormalities in shrinking pleuritis with atelectasis. Dernevik L, et al. **Eur J Respir Dis** 1985 Feb; 66(2):128-34

Activation of lymphocytes by PPD and PHA is promoted by exudate from BCG-induced pleurisy. Widström O. **Eur J Respir Dis** 1984 Oct;65(7):537-43

[Mast cells, histamine and serotonin release in the early phase of hyperergic pleuritis in albino rats] Lipshits RU, et al. **Fiziol Zh** 1985 May-Jun;31(3):360-3 **(Rus)**

METABOLISM

Lactic acid levels in pleural fluid from patients with bacterial pleuritis. Riley TV. **J Clin Microbiol** 1985 Feb;21(2):280-1

The modification of the oxidative metabolism of cells derived both locally and at distance from the site of an acute inflammatory reaction. Bird J, et al. **J Leukocyte Biol** 1985 Jan;37(1):109-20

Relationship between the anti-inflammatory effects and intrapleural accumulations of anti-inflammatory drugs in rats carrageenin pleurisy. Iwamura S, et al. **J Pharmacobiodyn** 1984 Aug;7(8):517-26

MICROBIOLOGY

[Role of non-sporulating anaerobic bacteria in infections of the pleural cavity] Jassem E, et al. **Pneumonol Pol** 1984 Nov-Dec;52(11-12):531-4 (Eng. Abstr.) **(Pol)**

[Pleuropericarditis caused by Mycoplasma pneumoniae (letter)] López Vivancos J, et al. **Med Clin (Barc)** 1984 Nov 17;83(16):694 **(Spa)**

PATHOLOGY

Pathogenesis of pleural plaques. Relationship of early cellular response and pathology. Sahn SA, et al. **Am Rev Respir Dis** 1984 Nov;130(5):884-7

Thoracoscopic, histological, and clinical findings in nine case of rheumatoid pleural effusion. Faurschou P, et al. **Thorax** 1985 May;40(5):371-5

[Value of pleural puncture biopsy in the etiological diagnosis of clear-fluid pleurisy (possibilities and limitations)] Ladjimi S, et al. **Tunis Med** 1984 Sep;62(5):351-6 (Eng. Abstr.) **(Fre)**

PREVENTION & CONTROL

[Action of various bacterial endotoxins on pleurisy and pulmonary edema induced by thiourea] Altavilla D, et al. **G Batteriol Virol Immunol** 1983 Jan-Jun;76(1-6):43-7 (Eng. Abstr.) **(Ita)**

RADIOGRAPHY

Shrinking pleuritis with atelectasis. Specificity of abnormalities present at conventional radiography of the lung. Dernevik L, et al. **Acta Radiol [Diagn] (Stockh)** 1985 Mar-Apr;26(2):181-5

[Roentgen diagnosis of postoperative intrathoracic complications of acute appendicitis] Polezhaev VG, et al. **Klin Khir** 1985 Apr;(4):36-7 (Eng. Abstr.) **(Rus)**

SURGERY

Long term results of operation for shrinking pleuritis with atelectasis. Dernevik L, et al. **Thorax** 1985 Jun;40(6):448-52

[An unusual cause of postoperative hemothorax: spontaneous rupture of the internal mammary artery] Martini G, et al. **Prax Klin Pneumol** 1984 Oct;38(10):469-70 (Eng. Abstr.) **(Ger)**

THERAPY

[Thoracoscopy with drainage of the pleural cavity in the treatment of pleuritis in oncological patients] Trakhtenberg AKh, et al. **Sov Med** 1985;(1):71-5 **(Rus)**

PLEURODELES see under **SALAMANDRIDAE**

PLEURODYNIA, EPIDEMIC

PHYSIOPATHOLOGY

Does fever or myalgia indicate reduced physical performance capacity in viral infections? Friman G, et al. **Acta Med Scand** 1985;217(4):353-61

PLEURODYNIA VIRUS see **COXSACKIE B VIRUSES**

PLEUROPNEUMONIA

COMPLICATIONS

[Pyopneumothorax as a complication of fibrinous suppurative pleuropneumonia] Barousch G, et al. **Prax Klin Pneumol** 1984 Jul;38(7):307-10 (Eng. Abstr.) **(Ger)**

MICROBIOLOGY

[Pleuropneumonia caused by Pseudomonas stutzeri] Serkova GP, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec; (12):59-62 (Eng. Abstr.) **(Rus)**

VETERINARY

Comparative virulence of porcine Haemophilus bacteria. Rosendal S, et al. **Can J Comp Med** 1985 Jan;49(1):68-74

Pathogenicity of Haemophilus pleuropneumoniae for laboratory animals and possible role of its hemolysin for production of pleuropneumonia. Nakai T, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):851-8

Porcine pleuropneumonia associated with Haemophilus pleuropneumoniae serotype 3 in Quebec. Desrosiers R, et al. **Vet Rec** 1984 Dec 15;115(24):628-9

[Genotypic studies of the causative agents of hemorrhagic necrotizing pleuropneumonia in swine] Kielstein P, et al. **Zentralbl Veterinarmed [B]** 1985 Feb;32(2):93-100 (Eng. Abstr.) **(Ger)**

PLEUROPNEUMONIA, CONTAGIOUS see under **MYCOPLASMA INFECTIONS**

PLEUROPNEUMONIA-LIKE ORGANISMS see **MYCOPLASMA**

PLOIDIES

Ploidy (n) [letter] Bahr GF. **Acta Cytol (Baltimore)** 1985 Jul-Aug;29(4):645-6

Tumour ploidy in DNA histograms of pituitary adenomas. Lüdecke DK, et al. **Acta Neurochir (Wien)** 1985; 76(1-2):18-22

The relation of megakaryocyte ploidy to platelet volume [letter] Trowbridge EA, et al. **Am J Hematol** 1985 Jan; 18(1):107-8

DNA pattern of human pituitary tumors. Anniko M, et al. **Am J Otolaryngol** 1985 Mar-Apr;6(2):103-10

Ploidy levels in nonneoplastic and neoplastic thyroid cells. Auer GU, et al. **Anal Quant Cytol Histol** 1985 Jun; 7(2):97-106

Ploidy pattern analysis. Statistical considerations. Bartels PH, et al. **Anal Quant Cytol Histol** 1985 Jun;7(2):126-30

Ploidy measurements by high-resolution cytometry. Bibbo M, et al. **Anal Quant Cytol Histol** 1985 Jun;7(2):81-9

DNA ploidy measurements in tissue sections. Fu YS, et al. **Anal Quant Cytol Histol** 1985 Jun;7(2):90-6

Multinomial distributions in ploidy analysis. Weber JE, et al. **Anal Quant Cytol Histol** 1985 Jun;7(2):140-52

Fluorescence cytophotometric analysis of megakaryocytic ploidy in culture: studies of normal and thrombocytopenic mice. Chatelain C, et al. **Blood** 1984 Dec;64(6):1193-9

Tumour ploidy, response and survival in patients receiving endocrine therapy for advanced breast cancer. Stuart-Harris R, et al. **Br J Cancer** 1985 Apr;51(4):573-6

Chromosome segregation from cell hybrids. I. The effect of parent cell ploidy on segregation from mouse-Chinese hamster hybrids. Graves JA. **Can J Genet Cytol** 1984 Oct; 26(5):557-63

Analysis of DNA ploidy patterns of gastric carcinomas of Japanese. Hattori T, et al. **Cancer** 1984 Oct 15;54(8):1591-7

A case of acute lymphoblastic leukemia with severe hypodiploidy. Misawa S, et al. **Cancer Genet Cytogenet** 1985 Mar 15;16(2):137-43

Relationship between DNA ploidy, glandular differentiation, and tumor spread in human prostate cancer. Frankfurt OS, et al. **Cancer Res** 1985 Mar;45(3):1418-23

Flow cytometric analysis of mouse hepatocyte ploidy. II. The development of polyploidy pattern in four mice strains with different life spans. Severin E, et al. **Cell Tissue Res** 1984;238(3):649-52

Flow cytometric analysis of mouse hepatocyte ploidy. I. Preparative and mathematical protocol. Severin E, et al. **Cell Tissue Res** 1984;238(3):643-7

Differential effects of antihypertensive drug therapy on vascular smooth muscle cell hypertrophy, hyperploidy, and hyperplasia in the spontaneously hypertensive rat. Owens GK. **Circ Res** 1985 Apr;56(4):525-36

Ploidy class-dependent variations during 24 h of glucose-6-phosphate and succinate dehydrogenase activity and single-stranded RNA content in isolated rat hepatocytes. Van Noorden CJ, et al. **Exp Cell Res** 1984 Dec;155(2):381-8

Euploidization of human hepatocytes from donors of different ages and both sexes compared with those from cases of Werner's syndrome and progeria. Gahan PB, et al. **Exp Gerontol** 1984;19(6):355-8

Ploidy pattern of megakaryocytes in patients with metastatic tumors with and without paraneoplastic thrombosis and in controls. Winkelmann M, et al. **Haemostasis** 1984; 14(6):501-7

Computed cell image information. Bibbo M, et al. **Monogr Clin Cytol** 1984;9:62-100 (77 ref.)

Case 6. Adrenal hypoplasia in triploidy. Kalousek DK. **Pediatr Pathol** 1984;2(3):359-62

Ploidy level and short-time prognosis of early cervix cancer. Jakobsen A. **Radiother Oncol** 1984 Jan;1(3):271-5

Cell numbers and ploidy classes in the normal bladder urothelium in hairless mice. Based on an improved method for dispersion and preparation of cells for flow cytometry. Reitan JB. **Virchows Arch [Cell Pathol]** 1985;48(4):289-97

[Triploid clone observed in the blastic phase of chronic myelogenous leukemia--DNA cytofluorometry] Shimazaki C, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Nov; 47(7):1407-13 (Eng. Abstr.) **(Jpn)**

[Changes in the protein mass and ploidy level of the myocytes in the mouse heart] Delone GV, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):364-6 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Irreversible depression in the ratio of tetraploid:diploid liver nuclei in rats treated with 3'-methyl-4-dimethylaminoazobenzene (3'M). Styles J, et al. **Carcinogenesis** 1985 Jan;6(1):21-8

RADIATION EFFECTS

[Variability of cultures of Pullularia pullulans with different ploidy levels] Imshenetskii AA, et al. **Mikrobiologiia** 1985 Mar-Apr;54(2):233-8 (Eng. Abstr.) **(Rus)**

PLUMBING see **SANITARY ENGINEERING**

PLUMMER-VINSON SYNDROME see under **DEGLUTITION DISORDERS**

PLUTONIUM

Plutonium particle size determination using an alpha-particle imaging system. Iida T, et al. **Health Phys** 1985 Jan; 48(1):120-2

Chromosome studies in plutonium workers. Tawn EJ, et al. **Int J Radiat Biol** 1985 May;47(5):599-610

Diminished osmotic fragility of mouse erythrocytes following intravenous injection of polymeric plutonium. Joshima H, et al. **J Radiat Res (Tokyo)** 1984 Dec;25(4):290-5

Self-renewal capacity of murine hemopoietic stem cells under internal contamination with 239Pu and 241Am. Svoboda V, et al. **Radiat Environ Biophys** 1985;24(3):203-9

[Long-term effects of combined exposure to external 137Cs gamma-radiation and incorporated 239Pu] Buldakov LA, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):668-71 (Eng. Abstr.) **(Rus)**

[Comparative assessment of the danger of inhaling 239Pu and 241Am based on the degree of leukopenia in dogs] Kalmykova ZI, et al. **Radiobiologiia** 1985 Jul-Aug; 25(4):563-7 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Adsorption of Pu, Pb and Cd to mouth surfaces during oral administration to mice. Bhattacharyya MH, et al. **Health Phys** 1985 Feb;48(2):207-13

ADVERSE EFFECTS

Possible cataractogenic effect of radionuclides deposited within the eye from the blood stream. Griffith TP, et al. **Br J Ophthalmol** 1985 Mar;69(3):219-27

A 37-year medical follow-up of Manhattan Project Pu workers. Voelz GL, et al. **Health Phys** 1985 Mar; 48(3):249-59

Brain tumors at a nuclear facility. Reyes M, et al. **J Occup Med** 19[illegible] Oct;26(10):721-4

ANALYSIS

Plutonium-239, 240Pu and 210Po contents of tobacco and cigarette smoke. Mussalo-Rauhamaa H, et al. **Health Phys** 1985 Aug;49(2):296-301

Plutonium in autopsy tissues in Great Britain. Popplewell DS, et al. **Health Phys** 1985 Aug;49(2):304-9

Plutonium fallout at Fayetteville, AR. Sandoval DN, et al. **Health Phys** 1985 Sep;49(3):503-8

A Si(Li)-NaI(Tl) detector for direct measurement of plutonium in vivo. Sherman IS, et al. **Health Phys** 1984 Nov;47(5):711-21

Plutonium in gonads: a summary of the current status. Thomas RG, et al. **Health Phys** 1985 Jan;48(1):7-17 (32 ref.)

[Low level alpha activity measurements with pulse shape discrimination--application to the determination of alpha-nuclides in environmental samples] Satoh K, et al. **Radioisotopes** 1984 Dec;33(12):841-6 (Eng. Abstr.) **(Jpn)**

[Evaluation of the concentration 239Pu in the body] Demina GA, et al. **Gig Sanit** 1984 Jul;(7):85-6 **(Rus)**

[Method of determining actinoids in the sodium heat carrier of fast reactors] Vorob'ev AM, et al. **Gig Sanit** 1984 Sep; (9):59-61 **(Rus)**

[Method of determining the plutonium content of wounds] Dolgirev EI, et al. **Med Radiol (Mosk)** 1984 Sep;29(9):26-30 (Eng. Abstr.) **(Rus)**

BLOOD

[Role of the low-molecular components of the blood serum in determining the biological behavior of plutonium] Shvydko NS, et al. **Radiobiologiia** 1985 Jan-Feb; 25(1):134-6 (Eng. Abstr.) **(Rus)**

[Pu(IV) behavior in the serum] Surova ZI. **Radiobiologiia** 1984 Sep-Oct;24(5):666-8 (Eng. Abstr.) **(Rus)**

METABOLISM

Species differences in the handling of lysosomotropic metals and Triton WR 1339 by rat and Chinese hamster liver. Seidel A, et al. **Eur J Cell Biol** 1985 May;37:89-97

Effect of Zn-DTPA therapy on the maternal transfer of 241Am or 237Pu to young mice. Lloyd RD, et al. **Health Phys** 1985 Sep;49(3):405-10

Plutonium-237 and 239Pu retention in a St. Bernard. Lloyd RD, et al. **Health Phys** 1984 Oct;47(4):629-31

The metabolism and decorporation of Pu after inhalation of the tributyl phosphate complex by the rat. Stradling GN, et al. **Health Phys** 1985 Sep;49(3):499-502

Long-term behavior of 239Pu, 241Am and 233U in different bones of one-year-old rats: macrodistribution and macrodosimetry. Sontag W. **Hum Toxicol** 1984 Dec; 3(6):469-83

The absorption of ingested neptunium, plutonium and americium in newborn hamsters. David AJ, et al. **Int J Radiat Biol** 1984 Sep;46(3):279-86

Effect of age on the efficacy of Zn-diethylenetriaminepentaacetic acid therapy for removal of Am and Pu from beagles. Lloyd RD, et al. **Radiat Res** 1985 Mar;101(3):451-9

Distributions of cell populations within alpha-particle range of plutonium deposits in the rat and beagle testis. Miller SC, et al. **Radiat Res** 1985 Jan;101(1):102-10

The gastrointestinal absorption of 'biologically incorporated' plutonium-239 in the rat. Cooper JR, et al. **Sci Total Environ** 1985 May;43(1-2):159-63

[Effect of changes in diet composition on Pu-239 excretion from the body] Ivanova NP, et al. **Gig Sanit** 1985 May; (5):75 **(Rus)**

[Effect of Na3Zn- and Na3Ca-DTPA on the behavior and biological action of 239Pu on rats] Liubchanskiĭ ER, et al. **Med Radiol (Mosk)** 1985 Feb;30(2):35-9 (Eng. Abstr.) **(Rus)**

[Modification of 239Pu metabolism in the blood in various methods of iron preparation administration in the body] Shvydko NS, et al. **Med Radiol (Mosk)** 1985 Apr;30(4):42-4 (Eng. Abstr.) **(Rus)**

[Plutonium-239 distribution in the body in relation to the rhythm of administration of an iron preparation] Rushonik SI, et al. **Radiobiologiia** 1985 May-Jun;25(3):410-4 (Eng. Abstr.) **(Rus)**

[Mechanism of distribution of neptunium and plutonium in rats] Zhuravleva AK. **Radiobiologiia** 1984 Sep-Oct; 24(5):679-82 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Population and ultrastructural changes in murine alveolar cells following 239PuO2 inhalation. Heppleston AG, et al. **J Pathol** 1985 Jul;146(3):155-66

TOXICITY

[Morphological changes in the intrapulmonary bronchi of rats a long time after 239PuO2 inhalation] Aristov VP, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):636-40 (Eng. Abstr.) **(Rus)**

URINE

[Characteristics of natural and pentacin-stimulated urinary excretion of 238Pu and 239Pu] Plotnikova LA, et al. **Med Radiol (Mosk)** 1985 Jun;30(6):40-3 (Eng. Abstr.) **(Rus)**

PMS see **GONADOTROPINS, EQUINE**

PMSG see **GONADOTROPINS, EQUINE**

PNEUMATIC SUITS see **G SUITS**

PNEUMATOSIS CYSTOIDES INTESTINALIS

CHEMICALLY INDUCED

Pneumatosis cystoides intestinalis and trichloroethylene exposure. Yamaguchi K, et al. **Am J Gastroenterol** 1985 Oct;80(10):753-7

COMPLICATIONS

Pneumatosis intestinalis associated with graft-versus-host disease of the intestinal tract. Hall RR, et al. **Transplant Proc** 1984 Dec;16(6):1666-8

Pneumatosis intestinalis in patients after cadaveric kidney transplantation. Possible relationship with an active cytomegalovirus infection. van Son WJ, et al. **Transplantation** 1984 Nov;38(5):506-10

DIAGNOSIS

Sonographic recognition of pneumatosis intestinalis. Vernacchia FS, et al. **AJR** 1985 Jul;145(1):51-2

Pneumatosis cystoides intestinalis simulating malignant colonic obstruction. Soutter DI, et al. **Can J Surg** 1985 May;28(3):272-3

[Cystic pneumatosis of the colon. Apropos of 4 recent cases] Besson A, et al. **Chirurgie** 1984;110(10):795-806 (Eng. Abstr.) **(Fre)**

[Echographic and x-ray computed tomographic aspects of pneumatosis cystoides of the colon in the adult. Apropos of a case] Bernard C, et al. **J Radiol** 1985 Jan;66(1):65-9 (Eng. Abstr.) **(Fre)**

[Cystoid pneumatosis of the intestine] Musaev TM. **Vestn Khir** 1985 May;134(5):70-1 **(Rus)**

[Pneumatosis cystoides intestinalis simulating a tumor of the large intestine (1 case)] Potashov LV, et al. **Vopr Onkol** 1985;31(6):110-1 **(Rus)**

[Pneumatosis cystoides intestinalis in the adult. Review apropos of 3 cases] López-Otazu J, et al. **Rev Esp Enferm Apar Dig** 1984 Aug;66(2):160-4 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Pneumatosis intestinalis in mixed connective tissue disease: two case reports and literature review. Lynn JT, et al. **Arthritis Rheum** 1984 Oct;27(10):1186-9

Pneumatosis intestinalis associated with enteral feeding by catheter jejunostomy. Zern RT, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):81S-83S

Pneumatosis intestinalis in patients after cadaveric kidney transplantation: possible relationship with an active cytomegalovirus infection. van Son WJ, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:936-40

PATHOLOGY

The mucosal changes and pathogenesis of pneumatosis cystoides intestinalis. Pieterse AS, et al. **Hum Pathol** 1985 Jul;16(7):683-8

[Intestinal cystic pneumatosis. Illustrated presentation of 4 recent cases localized in the colon (one simulating polyposis) and review of the literature] Besson A, et al. **Schweiz Rundsch Med Prax** 1984 Nov 13;73(46):1407-15 (Eng. Abstr.) **(Fre)**

[Pneumatosis coli] Lang C. **Schweiz Rundsch Med Prax** 1984 Aug 28;73(35):1061-4 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

Pneumatosis coli simulating hepatomegaly. Tobias R, et al. **Am J Gastroenterol** 1985 Feb;80(2):146-9

SURGERY

[Peritoneal gas cyst in sigmoid diverticulosis] Flückiger R. **Chirurg** 1985 Jan;56(1):56-8 **(Ger)**

[Pneumatosis cystoides intestini tenui] Antonovski N, et al. **Acta Chir Iugosl** 1984 Mar;31(2):197-201 (Eng. Abstr.) **(Scr)**

THERAPY

Oxygen therapy for pneumatosis coli. Symptomatic and radiologic remission of colonic gas cysts after breathing high-concentration oxygen. Elberg JJ. **Acta Chir Scand** 1985;151(4):399-400

PNEUMOCEPHALUS

Tension pneumocephalus. Wohlgemuth MV. **J Neurosurg Nurs** 1985 Jun;17(3):146-54

Anaesthesia for traumatic pneumo-cephalus--use of total intravenous althesin. Van WK. **Singapore Med J** 1984 Dec; 25(6):436-41

DIAGNOSIS

Pneumocephalus. Cunningham JD. **Ear Nose Throat J** 1984 Sep;63(9):440-3

ETIOLOGY

Tension pneumocephalus in association with ventriculoperitoneal shunt. Goffin J, et al. **Acta Neurochir (Wien)** 1985;76(3-4):121-4

Pneumocephalus with headache during spinal anesthesia. Roderick L, et al. **Anesthesiology** 1985 May;62(5):690-2

Pneumocephalus in patients with CSF shunts. Ruge JR, et al. **J Neurosurg** 1985 Oct;63(4):532-6

Pneumocephalus in a drug-addict patient. Nolla-Salas J, et al. **Neuroradiology** 1985;27(3):278

Tension pneumocephalus after evacuation of chronic subdural hematoma and subsequent treatment with continuous lumbar subarachnoid infusion and craniostomy drainage. Caron JL, et al. **Neurosurgery** 1985 Jan; 16(1):107-10

Rectal extrusion of the catheter and air ventriculography following bowel perforation in ventriculo-peritoneal shunt. Aricó M, et al. **Pediatr Radiol** 1985;15(1):53-5

Intracranial aeroceles as a complication of frontal sinus osteoma. Hardwidge C, et al. **Surg Neurol** 1985 Oct; 24(4):401-4

[Pneumocephalus permangnus. An unusual complication following lumbar anesthesia] Krimmer H, et al. **Reg Anaesth** 1984 Oct;7(4):134-6 (Eng. Abstr.) **(Ger)**

[Pneumocephalus secondary to fronto-ethmoidal osteoma] Fucci G, et al. **Radiol Med (Torino)** 1984 Apr;70(4):187-9 **(Ita)**

[Case of postoperative subdural tension pneumocephalus] Yamao N, et al. **No Shinkei Geka** 1984 Jun;12(7):841-6 (Eng. Abstr.) **(Jpn)**

[A rare case of subarachnoideal pneumocephalus after ear douche therapy] Tomita Y, et al. **No To Shinkei** 1985 Jan; 37(1):89-94 (Eng. Abstr.) **(Jpn)**

[Subdural tension pneumocephalus (letter)] Jiménez Escrig A, et al. **Med Clin (Barc)** 1984 Nov 17;83(16):690 **(Spa)**

[Subdural pneumoencephalos caused by post-traumatic pressure. Apropos of a case] Nolla Salas J, et al. **Rev Clin Esp** 1985 Apr;176(7):365-6 (Eng. Abstr.) **(Spa)**

RADIOGRAPHY

Cerebellopontine pneumocephalus acting as a space occupying lesion: CT demonstration. Ganapathy K, et al. **J Comput Assist Tomogr** 1985 Mar-Apr;9(2):407

Acute extradural hematoma and pneumocephalus [letter] Rahimizadeh A, et al. **Neurosurgery** 1984 Aug;15(2):278-9

Tension pneumocephalus [letter] Worthington C, et al. **Neurosurgery** 1985 Aug;17(2):379-80

Intracerebral pneumatocele: CT findings. Bhimani S, et al. **Radiology** 1985 Jan;154(1):111-4

Intracerebral pneumatoceles following facial trauma: CT findings. Mendelsohn DB. et al. **Radiology** 1985 Jan; 154(1):115-8

Cerebrospinal fluid dynamics in traumatic intracerebral pneumocephalus evaluated with computed tomographic cisternography. Yamamoto Y, et al. **Surg Neurol** 1985 Jul; 24(1):12-5

PNEUMOCOCCAL INFECTIONS

Pneumococcal endocarditis. Francart H, et al. **Acta Clin Belg** 1984;39(3):163-6

Pneumococcal bacteraemia [letter] Cox RA, et al. **Br Med J [Clin Res]** 1985 May 25;290(6481):1586-7

Pneumococcal endocarditis. Wolff M, et al. **Eur Heart J** 1984 Oct;5 Suppl C:77-80

An unusual case of non-traumatic pneumococcal mediastinal abscess. Lotan C, et al. **Intensive Care Med** 1985;11(1):43-4

Acute endogenous endophthalmitis after splenectomy. Gregg CR, et al. **J Tenn Med Assoc** 1985 Jan;78(1):25-6

Neonatal infections with Streptococcus pneumoniae. Bergqvist G, et al. **Scand J Infect Dis** 1985;17(1):33-5

Infected abdominal aortic aneurysm. Bunt TJ, et al. **South Med J** 1985 Apr;78(4):419-22

[Pneumococcal peritonitis] Legrand JC, et al. **Acta Clin Belg** 1985;40(3):194-7 (Eng. Abstr.) **(Fre)**

[Septic complications of splenectomy] Diallo AO, et al. **Helv Chir Acta** 1985 Jan;51(6):655-9 (Eng. Abstr.) **(Fre)**

[Pneumococcal postoperative endophthalmitis] Salvanet-Bouccara A, et al. **J Fr Ophtalmol** 1984; 7(8-9):535-8 (Eng. Abstr.) **(Fre)**

[A case of generalized pneumococcal infection] Primakov SV, et al. **Vrach Delo** 1985 May;(5):113-5 **(Rus)**

[Pneumococcal diseases] Arsić B, et al. **Vojnosanit Pregl** 1984 Sep-Oct;41(5):408-14 **(Scr)**

[Puerperal endometritis, sepsis and meningitis caused by Streptococcus pneumoniae (letter)] Vallés J, et al. **Med Clin (Barc)** 1985 Feb 23;84(7):293 **(Spa)**

BLOOD

Distribution of pneumococcus-induced augmentation of tissue leukostasis in rabbits: specificity for the pulmonary vascular bed. Goldblum SE, et al. **J Lab Clin Med** 1985 Mar;105(3):374–9

CHEMICALLY INDUCED

Effects of arsenic trioxide inhalation exposure on pulmonary antibacterial defenses in mice. Aranyi C, et al. **J Toxicol Environ Health** 1985;15(1):163–72

COMPLICATIONS

Pattern of bacterial infections in homozygous sickle cell disease. A report from Saudi Arabia. Mallouh AA, et al. **Am J Dis Child** 1985 Aug;139(8):820–2

Pulmonary leukostasis in fatal human pneumococcal bacteremia without pneumonia. Reed WP, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1184–7

Streptococcus pneumoniae infections and bacteremia in patients with acquired immune deficiency syndrome, with report of a pneumococcal vaccine failure. Simberkoff MS, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1174–6

Fatal pneumococcal epiglottitis in lupus overlap syndrome. Isenberg DA, et al. **Clin Rheumatol** 1984 Dec;3(4):529–32

Rhabdomyolysis associated with pneumococcal sepsis. Chun CH, et al. **Diagn Microbiol Infect Dis** 1985 May;3(3):257–61

Family practice grand rounds. Meningitis following normal lumbar punctures. Feder HM Jr, et al. **J Fam Pract** 1985 May;20(5):437–40

Pneumococcus-induced thrombocytopenia in rabbits. Goldblum SE, et al. **J Lab Clin Med** 1985 Sep;106(3):298–307

Pneumococcal sepsis with hemolytic-uremic syndrome in the adult [letter] von Eyben FE, et al. **Nephron** 1985;40(4):501–2

[Gas producing cellulitis in a case with acute lymphoblastic leukemia] Ohsaka A, et al. **Rinsho Ketsueki** 1985 Feb;26(2):195–200 (Eng. Abstr.) **(Jpn)**

CONGENITAL

[Neonatal sepsis, meningitis and lobar pneumonia due to Streptococcus pneumoniae] Weizer S, et al. **Harefuah** 1985 Apr 1;108(7):347–8 (Eng. Abstr.) **(Heb)**

DIAGNOSIS

Ocular pathogenicity of Streptococcus pneumoniae. Terry JE. **J Am Optom Assoc** 1984 Aug;55(8):587–90

Postsplenectomy sepsis syndrome. How to identify and manage patients at risk. Brigden ML. **Postgrad Med** 1985 Jun;77(8):215–8, 221, 224–6

[Comparison of various methods for the identification of pneumococci based on optochin sensitivity] Koch H, et al. **Z Erkr Atmungsorgane** 1985;164(2):182–5 (Eng. Abstr.) **(Ger)**

[Criteria and methods of etiological diagnosis of acute and chronic inflammatory processes in the lungs] Ageeva TS, et al. **Ter Arkh** 1985;57(5):39–42 (Eng. Abstr.) **(Rus)**

[Immunoenzyme analysis in pneumococcal infection] Padiukov LN, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jan;(1):40–5 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Effect of exchange transfusion with an oxygen-carrying resuscitation fluid on the efficacy of penicillin therapy of pneumococcal infection in rats. Hodges GR, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):903–8

Increasing frequency of penicillin-resistant pneumococci: epidemiological aspects and case-control study. Amitai Y, et al. **Isr J Med Sci** 1985 Apr;21(4):340–5

Serum and sputum concentrations of enoxacin after single oral dosing in a clinical and bacteriological study. Davies BI, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl C:83–9

[Dosage interval and in vivo action of penicillin against pneumococci] Gerber AU, et al. **Schweiz Med Wochenschr** 1984 Dec 1;114(48):1758–60 (Eng. Abstr.) **(Ger)**

ENZYMOLOGY

Pulmonary elastase activity in response to Streptococcus pneumoniae and Pseudomonas aeruginosa. Melby K, et al. **Am Rev Respir Dis** 1985 Apr;131(4):559–63

ETIOLOGY

Pneumococcal septicaemia in newly born babies [letter] Wilkins EG, et al. **J Hosp Infect** 1984 Sep;5(3):334–5

Suppurative flexor tenosynovitis after accidental self-inoculation with Streptococcus pneumoniae type I. Little JS, et al. **JAMA** 1984 Dec 7;252(21):3003–4

Spontaneous pneumococcal peritonitis: late infection after bone-marrow transplantation [letter] Juliá A, et al. **N Engl J Med** 1985 Feb 28;312(9):587

Selective antibody deficiency and recurrent pneumococcal bacteremia in a patient with Sjögren's syndrome, hyperimmunoglobulinemia G, and deficiencies of IgG2 and IgG4. Matter L, et al. **N Engl J Med** 1985 Apr 18;312(16):1039–42

Selective antibody deficiency and recurrent pneumococcal bacteremia in a patient with Sjögren's syndrome, hyperimmunoglobulinemia G, and deficiencies of IgG2 and IgG4 [letter] Slade HB, et al. **N Engl J Med** 1985 Oct 3;313(14):891

A nosocomial pneumococcal wound infection. Rabinovitch RA, et al. **Wis Med J** 1984 Nov;83(11):27–8

[Infectious complications of splenectomy in children] Julišová I, et al. **Cesk Pediatr** 1985 Mar;40(3):159–62 (Eng. Abstr.) **(Cze)**

[Pneumococcal peritonitis in the nephrotic syndrome (letter)] Galicia Basart MA, et al. **Med Clin (Barc)** 1985 Feb 9;84(5):207 **(Spa)**

IMMUNOLOGY

Administration route and splenectomy effects on resistance to pneumococci in rats. Offenbartl K, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Aug;92(4):213–6

Intraperitoneal splenic implants do not alter clearance of pneumococcal bacteremia. Scher KS, et al. **Am Surg** 1985 May;51(5):269–71

Complement and the host's defense against the pneumococcus. Winkelstein JA. **CRC Crit Rev Microbiol** 1984;11(3):1[illegible]7–208 (126 ref.)

The D segment defines the T15 idiotype: the immunoresponse of A/J mice to Pneumococcus pneumoniae. Berek C. **Eur J Immunol** 1984 Nov;14(11):1043–8

The effects of idiotype on the ability of IgG1 anti-phosphorylcholine antibodies to protect mice from fatal infection with Streptococcus pneumoniae. Briles DE, et al. **Eur J Immunol** 1984 Nov;14(11):1027–30

A comparison of antibody concentration measured by mouse protection assay and radioimmunoassay in sera from patients at high risk of developing pneumococcal disease. Katz MA, et al. **Mol Immunol** 1984 Nov;21(11):1061–5

Recurrent pneumococcal infections in a patient with lack of specific IgG and IgM pneumococcal antibodies and deficiency of serum IgA, IgG2 and IgG4. Braconier JH, et al. **Scand J Infect Dis** 1984;16(4):407–10

[Pneumococcal cellulitis in an immunosuppressed patient (letter)] Peyronnet P, et al. **Presse Med** 1985 Jun 22;14(25):1386 **(Fre)**

METABOLISM

The effect of Streptococcus pneumoniae infection on the binding of triiodothyronine to nuclei isolated from rat liver. Little JS. **Endocrinology** 1985 Jul;117(1):180–6

MICROBIOLOGY

A latex agglutination technique for rapid, direct identification of pneumococci in blood cultures [letter] Denis F, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):321–2

Streptococcus pneumoniae type 16A, a hitherto undescribed pneumococcal type. Austrian R, et al. **J Clin Microbiol** 1985 Jul;22(1):127–8

MORTALITY

Effect of thyroid hormone supplementation on survival after bacterial infection. Little JS. **Endocrinology** 1985 Oct;117(4):1431–5

[Life-threatening infections after splenectomy--the overwhelming post- splenectomy infection syndrome] Keller HW, et al. **Leber Magen Darm** 1984 Jan;14(1):18–26 (158 ref.) (Eng. Abstr.) **(Ger)**

OCCURRENCE

Pneumococcal bacteremia at a medical/surgical hospital for adults between 1975 and 1980. Ruben FL, et al. **Am J Med** 1984 Dec;77(6):1091–4

Pneumococcal bacteraemia: 325 episodes diagnosed at St Thomas's Hospital. Gransden WR, et al. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):505–8

Pneumococcal osteomyelitis. An unusual cluster of cases. Hadari I, et al. **Clin Pediatr (Phila)** 1985 Mar;24(3):143–5

Abdominal infections caused by Streptococcus pneumoniae [letter] Denis F, et al. **Eur J Clin Microbiol** 1984 Oct;3(5):443

Hospital-acquired infection with Streptococcus pneumoniae. Davies AJ, et al. **J Hosp Infect** 1985 Mar;6(1):98–101

Bacteraemia at the University Hospital of the West Indies--a report of 222 cases. Macfarlane DE, et al. **J Infect** 1985 Mar;10(2):126–42

Invasive pneumococcal infections: incidence, predisposing factors, and prognosis. Burman LA, et al. **Rev Infect Dis** 1985 Mar–Apr;7(2):133–42 (53 ref.)

PATHOLOGY

Primary subcutaneous abscess due to Streptococcus pneumoniae. Gleich S. **South Med J** 1984 Dec;77(12):1602–3

PHYSIOPATHOLOGY

Blood flow in the rabbit sinus mucosa during experimentally induced chronic sinusitis. Measurement with a diffusible and with a non-diffusible tracer. Kumlien J, et al. **Acta Otolaryngol (Stockh)** 1985 May–Jun;99(5–6):630–6

The influence of splenic weight and function on survival after experimental pneumococcal infection. Malangoni MA, et al. **Ann Surg** 1985 Sep;202(3):323–8

Influence of splenectomy on lethal effects of pneumococcal infection. Loggie BW, et al. **Can J Surg** 1985 May;28(3):213–5

Effect of red blood cell stroma on the reticuloendothelial system clearance and killing of Streptococcus pneumoniae. Grover GJ, et al. **Circ Shock** 1984;14(1):39–47

PREVENTION & CONTROL

The pneumococcus: one century later. Vandepitte J. **Acta Clin Belg** 1984;39(5):271–4

Postsplenectomy pneumococcemia in a healthy vaccinated adult. Chaikof EL, et al. **Am J Emerg Med** 1984 Mar;2(2):141–3

Response to pneumococcal vaccine in renal allograft recipients. Arnold WC, et al. **Am J Nephrol** 1985;5(1):30–4

Prevention of otitis media in children by pneumococcal vaccination. Karma P, et al. **Am J Otolaryngol** 1985 May–Jun;6(3):173–84

Pneumococcal bacteraemia [letter] **Br Med J [Clin Res]** 1985 Mar 23;290(6472):935

The current status of polyvalent pneumococcal vaccine. Austrian R. **Clin Ther** 1984;6(5):572–5

Pneumococcal vaccine failure in a splenectomized child [letter] Koren A, et al. **Infect Control** 1984 Dec;5(12):556

Beneficial effect of pneumococcal vaccination on otitis media in children over two years old. Rosén C, et al. **Int J Pediatr Otorhinolaryngol** 1984 Jul;7(3):239–46

Pneumococcal vaccination [letter] Gruer L. **J Infect** 1985 Jul;11(1):85–6

Pneumococcal infections among immunised and splenectomised patients in Israel. Schlaeffer F, et al. **J Infect** 1985 Jan;10(1):38–42

Decline of serum antibody in splenectomized children after vaccination with pneumococcal capsular polysaccharides. Giebink GS, et al. **J Pediatr** 1984 Oct;105(4):576–82

Role of the liver in host defense to pneumococcus following splenectomy. Grover GJ, et al. **J Surg Res** 1984 Dec;37(6):448–52

Splenic autotransplant and residual partial spleen: prevention of septicemia. Haque AU, et al. **Jpn J Surg** 1984 Sep;14(5):407–12

Pneumococcal vaccination in children with acute lymphocytic leukemia. Feldman S, et al. **Med Pediatr Oncol** 1985;13(2):69–72

Preventing pneumococcal disease in children: recommendations for using pneumococcal vaccine. Giebink GS. **Pediatr Infect Dis** 1985 Jul–Aug;4(4):343–8 (43 ref.)

American Academy of Pediatrics. Committee on Infectious Diseases. Recommendations for using pneumococcal vaccine in children. Brunell PA, et al. **Pediatrics** 1985 Jun;75(6):1153–8

Monoclonal idiotope vaccine against Streptococcus pneumoniae infection. McNamara MK, et al. **Science** 1984 Dec 14;226(4680):1325–6

[Immune response of children homozygous for sickle cell anemia to vaccination against pneumococcus] Omanga U, et al. **Ann Soc Belg Med Trop** 1984 Jun;64(2):183–90 (Eng. Abstr.) **(Fre)**

[Clinical evaluation of antipneumococcal vaccination in children wtih homozygous sickle cell disease] Omanga U, et al. **Ann Soc Belg Med Trop** 1984 Sep;64(3):283–9 (Eng. Abstr.) **(Fre)**

[Contribution of pneumococcal serotyping and antibiotyping to the prevention and treatment of pneumococcal infections (1980-1982). Pneumococcal typing and vaccination (1980-1982)] Rouhan D, et al. **Rev Epidemiol Sante Publique** 1984;32(6):352–9 (Eng. Abstr.) **(Fre)**

[Evaluation of the efficacy of antipneumococcal vaccination] Galli MG. **G Batteriol Virol Immunol** 1983 Jul–Dec;76(7–12):307–10 (Eng. Abstr.) **(Ita)**

THERAPY

Blood clearance by anti-phosphocholine antibodies as a mechanism of protection in experimental pneumococcal bacteremia. McDaniel LS, et al. **J Immunol** 1984 Dec;133(6):3308–12

[Protective activity of a cell-free Klebsiella vaccine in infection in mice caused by Streptococcus pneumoniae serotypes] Kurbatova EA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):60–5 (Eng. Abstr.) **(Rus)**

[Pneumococcal diseases] Arsić B, et al. **Vojnosanit Pregl** 1984 Sep–Oct;41(5):408–14 **(Scr)**

VETERINARY

Predisposition to invasive pneumococcal illness following parainfluenza type 3 virus infection in chimpanzees. Jones EE, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1351–3

PNEUMOCOCCUS see **STREPTOCOCCUS PNEUMONIAE**

PNEUMOCONIOSIS

Black lung and silicosis. Krokosky NJ. **Am J Nurs** 1985 Aug;85(8):883–6

Emphysema and dust exposure in a group of coal workers [letter] Heppleston AG. **Am Rev Respir Dis** 1984 Nov;130(5):949–51

[Industrial hygiene: dusts and fibers as hazards in the industrial milieu] **Soz Praventivmed** 1985;30(1):44–53 **(Ger)**

CHEMICALLY INDUCED

Occupational lung disease following long-term inhalation of pancreatic extracts. Wiessmann KJ, et al. **Eur J Respir Dis** 1985 Jan;66(1):13-20

Respiratory symptoms among glass bottle makers exposed to stannic chloride solution and other potentially hazardous substances. Levy BS, et al. **J Occup Med** 1985 Apr; 27(4):277-82

Enzyme asthma: fourteen years' clinical experience of a recently prescribed disease. Juniper CP, et al. **J Soc Occup Med** 1984 Nov;34(4):127-32

CLASSIFICATION

Some factors influencing interobserver variation in classifying simple pneumoconiosis. Musch DC, et al. **Br J Ind Med** 1985 May;42(5):346-9

COMPLICATIONS

[A case of diffuse lung disease associated with lung cancer in a hard metal worker] Kusaka Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Sep;22(9):804-8 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

Immunologic techniques utilized in the diagnosis of occupational lung disease. Doll NJ, et al. **Clin Lab Med** 1984 Sep;4(3):523-38 (63 ref.)

Occupational dust exposure and smoking. Different effects on forced expiration and slope of the alveolar plateau. Rasmussen FV. **Eur J Respir Dis** 1985 Feb;66(2):119-27

Multipole analysis in magnetopneumography--a model study. Brauer F, et al. **IEEE Trans Biomed Eng** 1985 Jun; 32(6):386-91

Changes in clinical status and lung functions of patients with chronic respiratory diseases over 10 years. Mandi A, et al. **Respiration** 1984;46(2):151-9

[Reproducibility of nonspecific bronchial reactivity] Roth J. **Z Erkr Atmungsorgane** 1984;163(2):162-5 (Eng. Abstr.) **(Ger)**

[Bronchoalveolar lavage: results in pneumoconiosis] Discalzi G, et al. **Med Lav** 1985 Jan-Feb;76(1):5-10 (Eng. Abstr.) **(Ita)**

[Serum type III procollagen peptide in patients with pneumoconiosis] Okazaki I, et al. **Sangyo Ika Daigaku Zasshi** 1983 Dec 1;5(4):461-7 (Eng. Abstr.) **(Jpn)**

[Use of the spirographic method for early diagnosis of obstruction of the small bronchi in workers exposed to dust] Ivanov VA. **Gig Tr Prof Zabol** 1984 Aug;(8):27-31 (Eng. Abstr.) **(Rus)**

[Clinical forms of chronic dust-induced bronchitis] Levin AI, et al. **Gig Tr Prof Zabol** 1984 Aug;(8):16-20 (Eng. Abstr.) **(Rus)**

[Diagnosis of congenital lung pathology in patients with dust-induced lung diseases] Sharov VB. **Gig Tr Prof Zabol** 1985 Jan;(1):17-20 (Eng. Abstr.) **(Rus)**

[Various regular features in the clinical course of dust-induced bronchitis] Zertsalova VI, et al. **Gig Tr Prof Zabol** 1984 Aug;(8):13-6 (Eng. Abstr.) **(Rus)**

[Difficulties in the differential diagnosis of various disseminated processes in the lungs] Lukashevich NA, et al. **Probl Tuberk** 1984 Aug;(8):68-9 **(Rus)**

[Nature and dynamics of residual changes in the lungs of clinically cured tuberculosis patients working in the engineering industry] Nechaeva OB. **Probl Tuberk** 1985; (3):34-8 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

[Effect of methionine, retinol, tocopherol and pyridoxine on fibrogenesis in the lungs and vitamin metabolism in rats in an anthracosis model] Pichkhadze GM. **Farmakol Toksikol** 1984 Jul-Aug;47(4):98-102 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Serum angiotensin-converting enzyme in coal worker's pneumoconiosis [letter] Wallaert B, et al. **Chest** 1985 Jun; 87(6):844-5

[Serum lysozyme activity in workers with ceramic pneumoconiosis] Kato Y, et al. **Nippon Eiseigaku Zasshi** 1985 Feb;39(6):930-7 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

Silica, pneumoconiosis, and carcinoma of the lung. Heppleston AG. **Am J Ind Med** 1985;7(4):285-94 (72 ref.)

Pneumoconiosis and exposures of dental laboratory technicians. Rom WN, et al. **Am J Public Health** 1984 Nov; 74(11):1252-7

Zeolite exposure and associated pneumoconiosis. Casey KR, et al. **Chest** 1985 Jun;87(6):837-40

Respiratory diseases from hard metal exposure. A continuing enigma [editorial] Cullen MR. **Chest** 1984 Oct;86(4):513-4

Respiratory disease in tungsten carbide production workers. Sprince NL, et al. **Chest** 1984 Oct;86(4):549-57

The inorganic dust pneumoconioses. Stankus RP, et al. **Clin Rev Allergy** 1985 May;3(2):235-47 (57 ref.)

Pathogenicity of inhaled nickel compounds in hamsters. Wehner AP, et al. **IARC Sci Publ** 1984;(53):143-51

Experimental study on the pathological changes in lung tissue caused by zinc stearate dust. Ueda A, et al. **Ind Health** 1984;22(4):243-53

Aerosol particle deposition in human lungs. Nauš A, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(3):261-6

Lung disease in dental laboratory technicians [editorial] **Lancet** 1985 May 25;1(8439):1200-1

Mica pneumoconiosis--a literature review. Skulberg KR, et al. **Scand J Work Environ Health** 1985 Apr;11(2):65-74 (61 ref.)

Pulmonary hypersensitivity in the alginate industry. Henderson AK, et al. **Scott Med J** 1984 Apr;29(2):90-5

[Pneumoconiosis due to inhalation of dust of the end-product of cement] **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Sep;18(5):282-4 (Eng. Abstr.) **(Chi)**

[Tussah silk pneumoconiosis: investigation and experimental study] Liu TM. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Sep;18(5):274-6 (Eng. Abstr.) **(Chi)**

[Pneumoconiosis at a phosphate mine] Cörnea G, et al. **Tunis Med** 1983 May-Jun;61(3):205-14 (Eng. Abstr.) **(Fre)**

[Respiratory allergy to cement] Lob M. **Z Unfallchir Versicherungsmed Berufskr** 1985;78(1):47-52 **(Fre)**

[Results of an epidemiologic analysis on the pathogenesis of chronic obstructive bronchitis in miners] Roth J, et al. **Z Erkr Atmungsorgane** 1985;164(3):277-9 (Eng. Abstr.) **(Ger)**

[Heavy metal pneumoconiosis] Zsiray M, et al. **Orv Hetil** 1985 Jan 6;126(1):33-5 (Eng. Abstr.) **(Hun)**

[Round shadow in the lung of an unusual origin: chronic pneumonitis caused by occupational exposure to synthetic fibers] Belisario A, et al. **Minerva Med** 1985 May 12; 76(19-20):955-8 (Eng. Abstr.) **(Ita)**

[Intrapulmonary reactions of workers exposed to dust and ozone] Tsunoda T, et al. **Sangyo Igaku** 1984 Jan;26(1):53-67 (Eng. Abstr.) **(Jpn)**

[Biological evaluation of the aggressiveness of copper slag dust] Szymczykiewicz K, et al. **Med Pr** 1984;35(3):201-8 (Eng. Abstr.) **(Pol)**

[Clinical characteristics of pneumoconiosis and chronic bronchitis in electric welders] Shatokhina LE. **Gig Tr Prof Zabol** 1984 Aug;(8):24-7 (Eng. Abstr.) **(Rus)**

[Biological role of contaminants of construction material dust based on natural silicates in the development of pneumoconiosis (experimental study)] Khmel'nitskiĭ OK, et al. **Vestn Akad Med Nauk SSSR** 1984;(10):61-8 (Eng. Abstr.) **(Rus)**

[Pneumoconiosis in workers in the cement industry] Popović D. **Arh Hig Rada Toksikol** 1984 Sep;35(3):245-53 (Eng. Abstr.) **(Scr)**

HISTORY

[Various landmarks in the history of pneumoconioses] van Oye E. **Arch Belg** 1984;42(5-6):289-93 (Eng. Abstr.) **(Dut)**

IMMUNOLOGY

Serum immunoglobulin levels and humoral immune competence in coalworkers. Robertson MD, et al. **Am J Ind Med** 1984;6(5):387-93

METABOLISM

Quantitative x ray microanalysis of pulmonary mineral particles in a patient with pneumoconiosis and two primary lung tumours. Anttila S, et al. **Br J Ind Med** 1984 Nov; 41(4):468-73

Functional and biochemical indicators of pneumoconiosis in mice: comparison with rats. Hatch GE, et al. **J Toxicol Environ Health** 1984;13(4-6):487-97

MORTALITY

[Bronchial cancer in miners from the coal beds of the Lorraine basin] Dechoux J, et al. **Rev Mal Respir** 1985; 2(2):69-74 (Eng. Abstr.) **(Fre)**

OCCURRENCE

The incidence and progression of pneumoconiosis over nine years in U.S. coal miners: I. Principal findings. Attfield M, et al. **Am J Ind Med** 1984;6(6):407-15

The incidence and progression of pneumoconiosis over nine years in U.S. coal miners: II. Relationship with dust exposure and other potential causative factors. Attfield M, et al. **Am J Ind Med** 1984;6(6):417-25

Epidemiologic study of clinical and physiologic parameters in grain handlers of northern United States. Dopico GA, et al. **Am Rev Respir Dis** 1984 Nov;130(5):759-65

Occupational lung disease due to dusts of vegetable origin. Uragoda CG. **Ceylon Med J** 1983 Dec;28(4):203-11

Pleural changes and exposure to fibrous minerals. Hillerdal G. **Scand J Work Environ Health** 1984 Dec;10(6 Spec No):473-9

PATHOLOGY

Pneumoconiosis associated with exposure to glass and abrasive particles. Brody J, et al. **Am J Ind Med** 1984; 6(5):339-45

Solubility of rockwool fibres in vivo and the formation of pseudo-asbestos bodies. Morgan A, et al. **Ann Occup Hyg** 1984;28(3):307-14

Raman microspectroscopy in human pathology. de Mul FF, et al. **Hum Pathol** 1984 Nov;15(11):1062-8

Morphology and pathogenesis of pneumoconiosis in dental technicians. Morgenroth K, et al. **Pathol Res Pract** 1985 Mar;179(4-5):528-36

Experimental studies on the effects of Mt. Sakurajima volcanic ashes on the respiratory organs. Shirakawa M, et al. **Sangyo Igaku** 1984 Mar;26(2):130-46

[Soot lung as occupational disease] Beck B, et al. **Z Erkr Atmungsorgane** 1985;164(3):254-66 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

A longitudinal study of pulmonary function in coal miners in Lorraine, France. Bates DV, et al. **Am J Ind Med** 1985; 8(1):21-32

Reproducibility of maximal oxygen uptake in silicotic subjects who are co-operative. Mohan Kumar T, et al. **Indian J Med Res** 1984 Aug;80:242-50

Lung function in different types of pneumoconiosis. Marek K. **Z Erkr Atmungsorgane** 1985;164(3):270-2

[Evaluation of physical working capacity of pneumoconiosis patients on the basis of their anaerobic thresholds] Suda Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug; 22(8):629-35 (Eng. Abstr.) **(Jpn)**

[A follow-up study on pulmonary functions of workers exposed to various forms of dust. Observation on the workers of pneumoconiosis in Kitakyushu] Baba Y, et al. **Sangyo Ika Daigaku Zasshi** 1983 Sep 1;5(3):351-8 (Eng. Abstr.) **(Jpn)**

[Characteristics of the regional blood flow in the lungs during the development of pneumoconiosis] Deĭnega VG, et al. **Gig Tr Prof Zabol** 1985 Apr;(4):14-6 (Eng. Abstr.) **(Rus)**

[Myocardial contraction in dust-induced bronchitis] Vinogradova TS, et al. **Gig Tr Prof Zabol** 1985 Feb;(2):46-8 **(Rus)**

[State of the mucociliary apparatus in chronic dust-induced bronchitis] Lavrenova GV, et al. **Vestn Otorinolaringol** 1985 May-Jun;(3):54-6 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

A comparison of light microscopy and transmission electron microscopy results in the evaluation of the occupational exposure to airborne chrysotile fibres. Marconi A, et al. **Ann Occup Hyg** 1984;28(3):321-31

The prevention of dust diseases in coal miners. Trumka RL. **J Public Health Policy** 1984 Sep;5(3):338-43

[Prevention of dust-induced occupational diseases in the coal industry] Vorontsova EI. **Gig Tr Prof Zabol** 1984 Aug; (8):9-13 **(Rus)**

RADIOGRAPHY

The ILO international classification of radiographs of pneumoconiosis 1980: where do we go from here? [editorial] Greenberg M. **Am J Ind Med** 1984;6(6):405-6

The middling tendency in reading chest films for pneumoconiosis: an important source of bias and variability. Hessel PA. **Am J Ind Med** 1985;8(1):43-8

Prevalence of radiographic appearance of pneumoconiosis in an unexposed blue collar population. Castellan RM, et al. **Am Rev Respir Dis** 1985 May;131(5):684-6

A re-evaluation of radiological evidence from a study of U.S. strip coal miners. Amandus HE, et al. **Arch Environ Health** 1984 Sep-Oct;39(5):346-51

Comparison of radiographic appearances with associated pathology and lung dust content in a group of coalworkers. Ruckley VA, et al. **Br J Ind Med** 1984 Nov;41(4):459-67

A follow-up study on the lung disorders of rush (igusa) farmers exposed to 'sendo' dust. Ueda A, et al. **Sangyo Igaku** 1984 Jan;26(1):32-44

[Cutters and drillers: 2 different coal pneumoconioses?] Del Campo JM, et al. **Rev Mal Respir** 1984;1(5):305-7 (Eng. Abstr.) **(Fre)**

RADIONUCLIDE IMAGING

Gallium-67 citrate imaging in underground coal miners. Kanner RE, et al. **Am J Ind Med** 1985;8(1):49-55

[Gallium-67 scintigraphy in pneumoconiosis] Cottino F, et al. **Med Lav** 1985 Jan-Feb;76(1):22-9 (Eng. Abstr.) **(Ita)**

VETERINARY

Spontaneous organic dust pneumoconiosis in guinea pigs. Muto T. **Nippon Juigaku Zasshi** 1984 Dec;46(6):925-7

PNEUMOCYSTIS CARINII

Persistence of Pneumocystis carinii in lung tissue of acquired immunodeficiency syndrome patients treated for pneumocystis pneumonia. Shelhamer JH, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1161-5

'Pneumocystis carinii'--a misunderstood enigma [letter] Beautyman W. **Eur J Clin Microbiol** 1984 Dec;3(6):570-2

CYTOLOGY

Comparison of processing techniques for detection of Pneumocystis carinii cysts in open-lung biopsy specimens. Gay JD, et al. **J Clin Microbiol** 1985 Feb;21(2):150-1

DRUG EFFECTS

Antimicrobial susceptibility of Pneumocystis carinii in culture. Bartlett MS, et al. **Diagn Microbiol Infect Dis** 1985 Sep;3(5):381-7

GROWTH & DEVELOPMENT

Pneumocystis carinii: growth variables and estimates in the A549 and WI-38 VA13 human cell lines. Cushion MT, et al. **Exp Parasitol** 1985 Aug;60(1):43-54

IMMUNOLOGY

Serodiagnosis of Pneumocystis carinii [letter] Pifer LL. **Chest** 1985 May;87(5):698-700

Evaluation of serologic tests for Pneumocystis carinii antibody and antigenemia in patients with acquired immunodeficiency syndrome. Maddison SE, et al. **Diagn Microbiol Infect Dis** 1984 Jan;2(1):69-73

Pneumocystis carinii antigenemia in adults with malignancy, infection, or pulmonary disease. Pifer LL, et al. **J Clin Microbiol** 1984 Nov;20(5):887-90

Detection of antibodies to Pneumocystis carinii by enzyme-linked immunosorbent assay in experimentally infected mice. Furuta T, et al. **J Parasitol** 1985 Aug;71(4):522-3

ISOLATION & PURIFICATION

Recognition of Pneumocystis carinii by gram stain in impression smears of lung tissue. Felegie TP, et al. **J Clin Microbiol** 1984 Dec;20(6):1190-1

Analysis of Pneumocystis carinii cysts with a fluorescence-activated cell sorter. Libertin CR, et al. **J Clin Microbiol** 1984 Nov;20(5):877-80

Pneumocystis carinii in germ-free rats [letter] Pifer LL. **J Infect Dis** 1984 Oct;150(4):619

Absence of Pneumocystis carinii in Lobund germfree and conventional rat colonies. Wagner M. **Prog Clin Biol Res** 1985;181:51-4

ULTRASTRUCTURE

Ultrastructural observations of Pneumocystis carinii attachment to rat lung. Henshaw NG, et al. **J Infect Dis** 1985 Jan;151(1):181-6

Sporogony in Pneumocystis carinii: synaptonemal complexes and meiotic nuclear divisions observed in precysts. Matsumoto Y, et al. **J Protozool** 1984 Aug;31(3):420-8

PNEUMOCYSTIS CARINII PNEUMONIA see **PNEUMONIA, PNEUMOCYSTIS CARINII**

PNEUMOENCEPHALOGRAPHY

The growth rate of acoustic neuromas: a report of three cases. Zöllner C, et al. **Arch Otorhinolaryngol** 1985;241(3):259-64

High resolution O2 computed meatocisternography in the differential diagnosis of internal auditory canal pathology. Bassi P, et al. **Neuroradiology** 1985;27(1):26-31

Virtues and vagaries of high-resolution CT air cisternography in the diagnosis of acoustic neuromas. Johnson DW, et al. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):156-60

[Pneumocisternography in the diagnosis of small acoustic neuromas] Wu EH. **Chung Hua I Hsueh Tsa Chih** 1984 Dec;64(12):766-7 **(Chi)**

[Clinical and cisternographic differential diagnosis between presenile dementia and Hakim syndrome] Kulczycki J, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Nov;36(11):674-7 (Eng. Abstr.) **(Ger)**

ADVERSE EFFECTS

Transventricular migration of cysticercal cyst during pneumoencephalography. Kerin D, et al. **Bull Clin Neurosci** 1983;48:61-84

METHODS

Contribution of air-CT cisternography to the diagnosis of small acoustic neurinomas. Guibert-Tranier F, et al. **J Neuroradiol** 1984;11(3):179-86 **(Eng, Fre)**

[Computerized tomographic demonstration of the nerves and blood vessels of the cerebellopontile angle. Results of pneumocisternomeatography in comparison with intraoperative findings] Rettinger G, et al. **HNO** 1984 Aug;32(8):320-5 (Eng. Abstr.) **(Ger)**

PNEUMOGASTRIC NERVE see **VAGUS NERVE**

PNEUMOMEDIASTINUM see **MEDIASTINAL EMPHYSEMA**

PNEUMOMEDIASTINUM, DIAGNOSTIC

ADVERSE EFFECTS

Histioeosinophilic granulomas in the thymuses of 29 myasthenic patients: a complication of pneumomediastinum. Haliček F, et al. **Hum Pathol** 1984 Dec;15(12):1137-44

PNEUMONECTOMY

CT evaluation of empyema in the postpneumonectomy space. Heater K, et al. **AJR** 1985 Jul;145(1):39-40

Effects of prior adrenalectomy on postpneumonectomy lung growth in the rat. Bennett RA, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E70-4

Endotoxin alters biochemical and morphological responses to pneumonectomy in adult rats. Sosenko IR, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R125-32

Lung growth in response to unilateral pneumonectomy in rapidly growing rats. Watkins CA, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):E162-9

Emergency pneumonectomy for penetrating and blunt trauma. Bowling R, et al. **Am Surg** 1985 Mar;51(3):136-9

Major pulmonary resection for suspected but unconfirmed malignancy. Keagy BA, et al. **Ann Thorac Surg** 1984 Oct;38(4):314-6

Pulmonary resection in patients after pneumonectomy. Kittle CF, et al. **Ann Thorac Surg** 1985 Sep;40(3):294-9

Surgery for pulmonary metastasis: a 20-year experience. Mountain CF, et al. **Ann Thorac Surg** 1984 Oct;38(4):323-30

Preoperative spirometry: let's do it! [letter] Olsen GN. **Ann Thorac Surg** 1984 Nov;38(5):537-8

Changing times in surgical management of bronchopulmonary carcinoid tumor. Wilkins EW Jr, et al. **Ann Thorac Surg** 1984 Oct;38(4):339-44

Resection of pulmonary metastatic choriocarcinoma in 43 drug-resistant patients. Xu LT, et al. **Ann Thorac Surg** 1985 Mar;39(3):257-9

Effect of age on the accumulation of lung protein following unilateral pneumonectomy in rats. Rannels DE, et al. **Growth** 1984 Autumn;48(3):297-308

Dynamic lung function in dogs with compensatory lung growth. Arnup ME, et al. **J Appl Physiol** 1984 Nov;57(5):1569-76

Postpneumonectomy airway growth in the ferret. McBride JT. **J Appl Physiol** 1985 Mar;58(3):1010-4

Effect of initial resection of small-cell carcinoma of the lung: a review of Southwest Oncology Group Study 7628. Friess GG, et al. **J Clin Oncol** 1985 Jul;3(7):964-8

Pleural lavage after pulmonary resection for bronchogenic carcinoma. Eagan RT, et al. **J Thorac Cardiovasc Surg** 1984 Dec;88(6):1000-3

Survival following resection for second and third primary lung cancers. Mathisen DJ, et al. **J Thorac Cardiovasc Surg** 1984 Oct;88(4):502-10

The changing spectrum of cystic pulmonary lesions requiring surgical resection in infants. Schneider JR, et al. **J Thorac Cardiovasc Surg** 1985 Mar;89(3):332-9

The 12-min walking distance; its use in the pre-operative assessment of patients with bronchial carcinoma before lung resection. Bagg LR. **Respiration** 1984;46(4):342-5

Functional effects of pneumonectomy and bilobectomy for lung cancer. Begin P, et al. **Respiration** 1984;46(1):8-16

Use of sulfur hexafluoride, SF6, in the management of the postpneumonectomy pleural space. Harada K, et al. **Respiration** 1984;46(2):201-8

Modification of the technique of radical intrapericardial pneumonectomy. Bergsland J, et al. **Scand J Thorac Cardiovasc Surg** 1985;19(1):89-92

Toxicity of chlorhexidine irrigation in chronic postpneumonectomy empyema. Friis-Møller A, et al. **Scand J Thorac Cardiovasc Surg** 1984;18(3):243-4

Management of bronchopleural fistula following pneumonectomy. Høier-Madsen K, et al. **Scand J Thorac Cardiovasc Surg** 1984;18(3):263-6

Pulmonary lobectomy for metastatic adrenocortical carcinoma: a 25-year survival. O'Neal LW. **South Med J** 1984 Sep;77(9):1212-3

Changes in the respiratory gas tensions of a pneumonectomy space and their application to the diagnosis of bronchopleural fistula. Firmin RK, et al. **Thorac Cardiovasc Surg** 1985 Jun;33(3):173-5

Role of automatic staplers in the aetiology of bronchopleural fistula. Hakim M, et al. **Thorax** 1985 Jan;40(1):27-31

[Treatment of drug-resistant metastatic pulmonary choriocarcinoma by lung resection] Sun CF. **Chung Hua I Hsueh Tsa Chih** 1985 Apr;65(4):212-4 (Eng. Abstr.) **(Chi)**

[Unilateral high-frequency jet ventilation (HFJV) in surgery of the tracheal bifurcation] Giunta F, et al. **Cah Anesthesiol** 1985 Mar;33(2):149-51 **(Fre)**

[Extension to the trachea of pneumonectomies for bronchial cancer. Apropos of 46 cases] Dartevelle P, et al. **Chirurgie** 1985;111(2):189-200 (Eng. Abstr.) **(Fre)**

[Toxic methemoglobinemia following the postoperative ingestion of 4,4-diaminodiphenylsulfone (DADPS)--on the differential diagnosis of cyanosis] Frucht U, et al. **Anasth Intensivther Notfallmed** 1985 Feb;20(1):22-4 (Eng. Abstr.) **(Ger)**

[Bronchial carcinoma from the surgical viewpoint] Denck H, et al. **Onkologie** 1984 Oct;7(5):263-6 (Eng. Abstr.) **(Ger)**

[Thoracic peridural anesthesia for intra- and postoperative analgesia in lung resections. A comparison of stress reactions and postoperative lung function] Hennek K, et al. **Reg Anaesth** 1984 Oct;7(4):115-24 (Eng. Abstr.) **(Ger)**

[Possibilities of therapy of bronchus fistulas following pneumonectomy] Engelmann C, et al. **Zentralbl Chir** 1984;109(24):1570-5 **(Ger)**

[Post-resection bronchial fistulas. 30 years' experience] Paletto AE, et al. **Minerva Chir** 1984 Dec 15-31;39(23-24):1631-7 (Eng. Abstr.) **(Ita)**

[Distribution of cefotiam dihydrochloride to the bloodless lung] Fujimoto Y, et al. **Jpn J Antibiot** 1985 Jan;38(1):155-9 (Eng. Abstr.) **(Jpn)**

[Pleuropneumonectomy for the treatment of chronic thoracic empyema] Wada H, et al. **Kekkaku** 1984 Dec;59(12):615-9 (Eng. Abstr.) **(Jpn)**

[Long-term results of the pulmonary resection with and without combined antineoplastic agents for primary bronchogenic carcinoma] Ishikawa S, et al. **Kyobu Geka** 1985 Feb;38(2):113-7 (Eng. Abstr.) **(Jpn)**

[A case of one-stage operation of postpneumonectomy empyema] Ree YE, et al. **Kyobu Geka** 1984 Dec;37(13):1037-41 (Eng. Abstr.) **(Jpn)**

[Changes of platelet aggregation, serum thromboxane and prostacyclin in lung cancer and pulmonary metastatic patients following operation] Takeda H, et al. **Kyobu Geka** 1984 Sep;37(10):773-7 (Eng. Abstr.) **(Jpn)**

[A case of thoracic empyema with broncho-pleural fistula existing for 57 years. Histological findings of squamous cell carcinoma in the resected lung] Tsuji Y, et al. **Kyobu Geka** 1984 Sep;37(10):768-72 (Eng. Abstr.) **(Jpn)**

[High frequency jet ventilation during open bronchus in the pulmonary surgery] Sekiguchi H, et al. **Masui** 1985 Apr;34(4):463-7 (Eng. Abstr.) **(Jpn)**

[Complications in pulmonary surgery using a Robertshaw double-lumen endobronchial tube] Yasukawa M, et al. **Masui** 1984 Jul;33(7):761-6 (Eng. Abstr.) **(Jpn)**

[Evaluation of surgical treatment for metastatic lung tumor] Fujimura S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jul;32(7):998-1004 (Eng. Abstr.) **(Jpn)**

[Torsion of the right middle and lower lobes after right upper lobectomy: a case report] Hirata N, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Apr;33(4):521-5 (Eng. Abstr.) **(Jpn)**

[Extraperiosteal air plombage for the treatment of postpneumonectomy empyema with bronchial fistula--a case report] Nakamoto K, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Feb;33(2):237-41 (Eng. Abstr.) **(Jpn)**

[Analysis on pulmonary circulation after lung resection--with special reference to the principle component analysis using multivariate data] Yanagisawa M, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Dec;32(12):2101-9 (Eng. Abstr.) **(Jpn)**

[A case of pulmonary mucormycosis in a diabetic patient successfully treated by lobectomy] Horikoshi H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec;22(12):1147-53 (Eng. Abstr.) **(Jpn)**

[A case of myelomonocytic leukemia accompanied by pulmonary thromboembolism with mucormyces successfully treated by pulmonary lobectomy] Taneichi K, et al. **Rinsho Ketsueki** 1985 Jan;26(1):96-100 **(Jpn)**

[General anesthesia, prevention and intensive therapy of early complications of lung surgery in patients over 70] Lebedeva RN, et al. **Anesteziol Reanimatol** 1985 Jan-Feb;(1):16-8 (Eng. Abstr.) **(Rus)**

[Adequacy of anesthesia] Vanevskiĭ LV, et al. **Anesteziol Reanimatol** 1984 Sep-Oct;(5):8-11 (Eng. Abstr.) **(Rus)**

[Use of a hemostatic preparation amifer in operations on the lungs] Karapetian ET, et al. **Grudn Khir** 1984 Sep-Oct;(5):65-7 (Eng. Abstr.) **(Rus)**

[Late results of lung resection in adult patients with bronchiectasis] Medvenskii BV. **Grudn Khir** 1984 Nov-Dec;(6):50-5 (Eng. Abstr.) **(Rus)**

[Prevention of thoracic wound suppuration by radiation from a helium-neon laser] Medzhidov FA, et al. **Grudn Khir** 1985 May-Jun;(3):68-71 (Eng. Abstr.) **(Rus)**

[Treatment of septic pleural empyema following lung resection and pneumonectomy] Pristaĭko IaI, et al. **Grudn Khir** 1985 May-Jun;(3):58-61 (Eng. Abstr.) **(Rus)**

[Use of glue KL-3 in pulmonary surgery] Polous IuM, et al. **Klin Khir** 1984 Oct;(10):36-7 (Eng. Abstr.) **(Rus)**

[Efficacy of aerosol therapy in the prevention and treatment of bronchopulmonary complications following pulmonary resection] Protsiuk RG. **Klin Khir** 1984 Oct;(10):44-6 (Eng. Abstr.) **(Rus)**

[Gastric hemorrhage and pleural empyema following pneumonectomy] Adamian AA, et al. **Klin Med (Mosk)** 1984 Dec;62(12):98-9 **(Rus)**

[Transpleural reamputation of the stump of the primary bronchus in bronchial fistulae following pulmonectomy] Kariev TM, et al. **Vestn Khir** 1984 Dec;133(12):9-11 (Eng. Abstr.) **(Rus)**

[Prevention of wound infection after pulmonary resection of acute suppurative disease] Kostiuchenko AL, et al. **Vestn Khir** 1985 Jan;134(1):23-7 (Eng. Abstr.) **(Rus)**

[Expansion of the lung after partial resection for gangrene] Kostiuchenko AL, et al. **Vestn Khir** 1984 Oct;133(10):22-6 (Eng. Abstr.) **(Rus)**

[Paravertebral trimecaine analgesia combined with galvanization as a method of anesthesia after lung surgery] Lavrent'ev IuA, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan-Feb;(1):32-5 (Eng. Abstr.) **(Rus)**

[Effectiveness of antibacterial and surgical treatment of patients with chronic fibrous-cavernous pulmonary tuberculosis] Kariev TM, et al. **Vrach Delo** 1985 Mar;(3):15-7 (Eng. Abstr.) **(Rus)**

[Prediction of impaired pulmonary function after pneumonectomy in bronchogenic carcinoma] Dangubić V, et al. **Plucne Bolesti** 1984 Jul-Dec;36(3-4):201-3 (Eng. Abstr.) **(Scr)**

ADVERSE EFFECTS

Epidural hematoma as a cause of postpneumonectomy paraplegia. Perez-Guerra F, et al. **Ann Thorac Surg** 1985 Mar;39(3):282

Right-to-left shunting after lobectomy through a patent foramen ovale. Vacek JL, et al. **Ann Thorac Surg** 1985 Jun; 39(6):576-8

Synergistic necrotizing cellulitis after pneumonectomy. Van de Stadt J, et al. **Intensive Care Med** 1985;11(3):158-9

Effect of pneumonectomy on extravascular lung water in dogs. Lee E, et al. **J Surg Res** 1985 Jun;38(6):568-73

Esophagopleural fistula after pneumonectomy for inflammatory disease. Shama DM, et al. **J Thorac Cardiovasc Surg** 1985 Jan;89(1):77-81

Herniation of the heart. A complication of intrapericardial pneumonectomy. Ginsburg M, et al. **NY State J Med** 1984 Aug;84(8):401-2

Middle lobe torsion following right upper lobectomy. Pinstein ML, et al. **Radiology** 1985 Jun;155(3):580

Chylothorax complicating pneumonectomy. Van Mulders A, et al. **Thorax** 1984 Dec;39(12):954-5

[Surgical treatment of fistulae following pneumonectomy. Modified Abruzzini operation] Bruni F, et al. **Ann Chir** 1985 Mar;39(2):135-9 (Eng. Abstr.) **(Fre)**

[Cardiac rhythm disorders after pneumonectomy] Zukerman C, et al. **Rev Pneumol Clin** 1985;41(2):115-9 (Eng. Abstr.) **(Fre)**

[Endoscopical sealing of bronchopleural fistula complicated after pneumonectomy] Sakayori S, et al. **Kyobu Geka** 1984 Oct;37(11):867-9 (Eng. Abstr.) **(Jpn)**

[Empyema after surgical treatment of bronchopulmonary cancer] Biriukov IuV, et al. **Grudn Khir** 1985 Jan-Feb; (1):54-7 (Eng. Abstr.) **(Rus)**

[Transpericardial occlusion of the left main bronchial stump 19 years after pneumonectomy] Ivanov AV, et al. **Grudn Khir** 1984 Sep-Oct;(5):91-2 **(Rus)**

[Massive blood loss in intrathoracic operations] Rumiantsev VB, et al. **Grudn Khir** 1984 Sep-Oct;(5):51-7 (Eng. Abstr.) **(Rus)**

[Morphofunctional changes in the lesser circulation after pneumonectomy] Vaĭda RI, et al. **Patol Fiziol Eksp Ter** 1984 Nov-Dec;(6):65-9 (Eng. Abstr.) **(Rus)**

[Classification of postoperative reactivation of pulmonary tuberculosis] Mel'nik VM. **Probl Tuberk** 1985;(1):42-6 (Eng. Abstr.) **(Rus)**

HISTORY

The first pneumonectomy. Historical notes. Brewer LA 3d. **J Thorac Cardiovasc Surg** 1984 Nov;88(5 Pt 2):810-26

METHODS

Closure of postpneumonectomy empyema space [letter] Bush RG. **Ann Thorac Surg** 1985 Jul;40(1):97-8

Tracheal sleeve pneumonectomy for carcinomas of the proximal left main bronchus. Gilbert A, et al. **Can J Surg** 1984 Nov;27(6):583-5

Pneumonectomy through an empyema. Odell JA, et al. **J Thorac Cardiovasc Surg** 1985 Mar;89(3):423-7

[Mechanical and manual sutures of bronchial stumps in right pneumonectomies. Comparative study of 64 cases] Gamondès JP, et al. **Ann Chir** 1983 Mar;37(2):130-2 (Eng. Abstr.) **(Fre)**

[Cavoauricular thrombectomy under extracorporeal circulation and right superior lobectomy for paraneoplastic thrombosis in a case of lung cancer] Puglionisi A, et al. **J Chir (Paris)** 1984 Nov;121(11):673-9 (Eng. Abstr.) **(Fre)**

[Bronchogenic carcinoma with adjacent tissue invasion. Factors affecting survival following surgical intervention] Takeda H, et al. **Kyobu Geka** 1984 Aug;37(8):587-91 (Eng. Abstr.) **(Jpn)**

[Sleeve lobectomy for lung cancer] Tomita M, et al. **Kyobu Geka** 1984 Sep;37(10):778-82 (Eng. Abstr.) **(Jpn)**

[Surgical problems in lung cancer with chest wall involvement] Yoneyama T, et al. **Kyobu Geka** 1985 May; 38(5):355-60 (Eng. Abstr.) **(Jpn)**

[Changes in pulmonary function after bilateral lung resection] Harada K. **Nippon Geka Gakkai Zasshi** 1984 Sep; 85(9):938-43 (Eng. Abstr.) **(Jpn)**

[Bilateral pneumonectomy in metastatic pulmonary tumors] Ishihara T. **Nippon Geka Gakkai Zasshi** 1984 Sep; 85(9):944-7 (Eng. Abstr.) **(Jpn)**

[Bilateral thoracotomy in primary lung cancer] Ito M. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):952-6 (Eng. Abstr.) **(Jpn)**

[Metachronous bilateral pulmonary resection for primary bronchogenic carcinoma] Yoneyama T. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):948-51 (Eng. Abstr.) **(Jpn)**

[Bilateral simultaneous thoracotomy for unilateral spontaneous pneumothorax, with special reference to the operative indication considered from its contralateral occurrence rate] Ikeda M, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Mar;33(3):277-82 (Eng. Abstr.) **(Jpn)**

[Prognosis in surgical cases of lung cancer without en block mediastinal dissection] Tanimura S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Sep;32(9):1316-20 (Eng. Abstr.) **(Jpn)**

[Sleeve resection of the upper lobe with simultaneous resection of the pulmonary artery in the surgical treatment of lung cancer] Olechnowicz HE, et al. **Pneumonol Pol** 1984 Aug;52(8):361-9 (Eng. Abstr.) **(Pol)**

[Lobectomy with circular resection of the right main bronchus 2 years after left-side lobectomy] Gagua RO, et al. **Grudn Khir** 1984 Nov-Dec;(6):85-6 **(Rus)**

[1-stage partial lung resection for tuberculosis and diverticulectomy of the esophagus] Kariev TM, et al. **Grudn Khir** 1985 Mar-Apr;(2):81-3 **(Rus)**

[Segmental lung resection in disseminated destructive forms of tuberculosis] Kariev TM, et al. **Grudn Khir** 1984 Sep-Oct;(5):48-51 (Eng. Abstr.) **(Rus)**

[Formation of a 'small' lung in the surgical treatment of miliary tuberculosis] Kariev TM, et al. **Grudn Khir** 1984 Nov-Dec;(6):47-9 (Eng. Abstr.) **(Rus)**

[Prevention of residual cavities in the formation of a 'small' lung after partial resections] Malitskiĭ AT. **Grudn Khir** 1984 Nov-Dec;(6):42-7 (Eng. Abstr.) **(Rus)**

[Atypical lung resection] Nedvetskiĭ AV. **Grudn Khir** 1984 Nov-Dec;(6):75-9 (55 ref.) **(Rus)**

[Organ-sparing surgical treatment of large and multiple lung abscesses] Ogirenko AP, et al. **Grudn Khir** 1984 Nov-Dec; (6):39-42 (Eng. Abstr.) **(Rus)**

[Repeated radical operations after surgical interventions in diseases of the lungs and pleura] Kabanov AN, et al. **Vestn Khir** 1984 Nov;133(11):19-22 (Eng. Abstr.) **(Rus)**

[Simultaneous bilateral pulmonary and hepatic hydatidectomy by trans-sternal approach] Kariev TM, et al. **Vestn Khir** 1984 Nov;133(11):69-70 **(Rus)**

[Immediate results of segmental pneumonectomy in bronchiectasis] Levashov IuN, et al. **Vestn Khir** 1984 Aug; 133(8):14-8 (Eng. Abstr.) **(Rus)**

[Simultaneous bilateral lung resection by transsternal approach in patients with tuberculosis] Deviaterikov AI, et al. **Voen Med Zh** 1985 Feb;(2):56-9 **(Rus)**

[Characteristics of left lung resection for advanced cancer] Kolesnikov IS, et al. **Vopr Onkol** 1984;30(9):43-6 (Eng. Abstr.) **(Rus)**

MORTALITY

Blood transfusions and survival after lung cancer resection. Hyman NH, et al. **Am J Surg** 1985 Apr;149(4):502-7

[Studies on the diagnosis and prognosis of T1 primary cancer in the periphery of the lung] Sawada K. **Gan No Rinsho** 1984 Dec;30(15):1866-70 (Eng. Abstr.) **(Jpn)**

PSYCHOLOGY

What it is like to lose a lung. Key M. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):142-3

REHABILITATION

[Clinico-functional changes after lung resection in children treated at a Black Sea health resort in the Caucasus] Iusupov MIu, et al. **Pediatriia** 1984 Sep;(9):14-6 (Eng. Abstr.) **(Rus)**

[Functional rehabilitation and successful labor in a patient in the remote period after extensive resection of lung tissue] Lopatin VA, et al. **Probl Tuberk** 1985;(3):68-9 **(Rus)**

[Effectiveness of the surgical treatment of tuberculosis of the respiratory organs and restoration of work capacity in workers in jobs with risk of pneumoconiosis] Matuzkova LI, et al. **Probl Tuberk** 1984 Jul;(7):44-7 (Eng. Abstr.) **(Rus)**

PNEUMONIA

Pneumonia in the elderly: a nursing home perspective. Roth RM, et al. **Am Fam Physician** 1985 Feb;31(2):131-7 (9 ref.)

Legionella pneumophila pericarditis without pneumonia. Nelson DP, et al. **Arch Intern Med** 1985 May;145(5):926

Neonatal pneumonia. Harbison RW, et al. **Compr Ther** 1985 May;11(5):33-43

[Classification, diagnosis and therapy of pneumonia] Opferkuch W. **Immun Infekt** 1985 Jul;13(4):131-4 (0 ref.) (Eng. Abstr.) **(Ger)**

[The pneumonias] Gross R. **Internist (Berlin)** 1985 Jun; 26(6):309-10 **(Ger)**

[Pneumonias caused by legionellas. Pathogenesis, epidemiology and clinical course] Krech T, et al. **Internist (Berlin)** 1985 Jun;26(6):321-7 (12 ref.) **(Ger)**

[Bacterial pneumonias] Lode H, et al. **Internist (Berlin)** 1985 Jun;26(6):311-20 (32 ref.) **(Ger)**

[Fungal pneumonia] Wegmann T. **Internist (Berlin)** 1985 Jun; 26(6):328-34 **(Ger)**

[Pulmonary infectious complications caused by cytomegalovirus in clinical kidney transplantation] Alfani D, et al. **Boll Ist Sieroter Milan** 1984;63(5):420-7 (Eng. Abstr.) **(Ita)**

BLOOD

Serum level monitoring of aminoglycoside antibiotics. Limitations in intensive care unit-related bacterial pneumonia. Flint LM, et al. **Arch Surg** 1985 Jan; 120(1):99-103

Serum C-reactive protein in acute bacterial pneumonias. Srivastava VK, et al. **Indian Pediatr** 1984 Aug;21(8):641-3

[Transient normalization of the thrombocyte count in chronic idiopathic thrombocytopenia during pneumonia] Pestalozzi DM, et al. **Schweiz Med Wochenschr** 1985 Mar 16; 115(11):375-7 (Eng. Abstr.) **(Ger)**

[Antiproteolytic activity of serum in patients with chronic pneumonia and lung cancer] Bugaĭ BG. **Klin Med (Mosk)** 1984 Dec;62(12):61-3 (Eng. Abstr.) **(Rus)**

[Changes in the kallikrein-kinin system of the blood in bronchopulmonary diseases of young children] Maslikova GV, et al. **Pediatriia** 1985 Mar;(3):57-8 **(Rus)**

[Lipid peroxidation and superoxide dismutase activity in the erythrocytes of young children with pneumonia] Reznik BIa, et al. **Pediatriia** 1984 Sep;(9):16-9 (Eng. Abstr.) **(Rus)**

[Levels of physiologically active substances in the blood in acute pneumonia] Dubileĭ PV, et al. **Ter Arkh** 1985; 57(3):123-6 (Eng. Abstr.) **(Rus)**

CHEMICALLY INDUCED

Sulfasalazine pneumonitis. Averbuch M, et al. **Am J Gastroenterol** 1985 May;80(5):343-5

Acute necrotizing pneumonitis and hyperglycemia after amiodarone therapy [letter] Akoun GM, et al. **Am J Med** 1985 Apr;78(4):A60, A68, A78

Alveolar inflammation and arachidonate metabolism in monocrotaline-induced pulmonary hypertension. Stenmark KR, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):H859-66

Predictive factors for bleomycin-induced pneumonitis. Van Barneveld PW, et al. **Am Rev Respir Dis** 1984 Dec; 130(6):1078-81

Recovery from paraquat pneumonitis. Seidenfeld JJ, et al. **Br J Ind Med** 1985 Mar;42(3):178-83

Cadmium chemical pneumonitis. Barnhart S, et al. **Chest** 1984 Nov;86(5):789-91

Recurrent form of amiodarone-induced pneumonitis [letter] Manresa F, et al. **Chest** 1984 Dec;86(6):944

Severe bleomycin-induced pneumonitis. Clinical features and response to corticosteroids. White DA, et al. **Chest** 1984 Nov;86(5):723-8

Antigen-induced airway hyperresponsiveness and pulmonary inflammation in allergic dogs. Chung KF, et al. **J Appl Physiol** 1985 Apr;58(4):1347-53

Case 6-1985: progressive pneumonitis after chemotherapy for breast cancer [letter] **N Engl J Med** 1985 Jul 4; 313(1):49-50

[Pneumonitis in guinea pigs sensitized to 2,4-dinitrochlorobenzene as an experiment of pulmonary hypersensitivity to simple chemical compounds or medicaments. Nakajima H, et al. **Osaka City Med J** 1983; 29(2):179-84

Pneumonitis after amiodarone therapy [letter] van der Meer SC, et al. **Radiology** 1985 Jan;154(1):260

Systemic reactions associated with polyisocyanate exposure. Nielsen J, et al. **Scand J Work Environ Health** 1985 Feb; 11(1):51-4

Bronchoalveolar lavage in acute drug-hypersensitivity pneumonitis probably caused by phenytoin. Munn NJ, et al. **South Med J** 1984 Dec;77(12):1594-6

Amiodarone pneumonitis: three further cases with a review of published reports [letter] Akoun GM, et al. **Thorax** 1984 Oct;39(10):800

[Amiodarone-induced alveolitis] Skovlund E, et al. **Ugeskr Laeger** 1984 Jul 30;146(31):2315-6 (Eng. Abstr.) **(Dan)**

[Pneumopathy caused by hypersensitivity to isocyanates. Value and dangers of a realistic provocation test] Vergnon JM, et al. **Rev Mal Respir** 1985;2(2):83-90 (Eng. Abstr.) **(Fre)**

[Cytostatic pneumonitis in children. Pathogenetic and morphologic aspects] Menne R, et al. **Wien Klin Wochenschr** 1984 Aug 31;96(16):613-6 (Eng. Abstr.) **(Ger)**

[Pneumonitis due to amiodarone] Wishnitzer R, et al. **Harefuah** 1984 Sep;107(5-6):131-3 (Eng. Abstr.) **(Heb)**

[Pulmonary complications following nitrofurantoin] Dragsund S, et al. **Tidsskr Nor Laegeforen** 1984 Oct 10; 104(28):1968-9 (Eng. Abstr.) **(Nor)**

[Infarction-pneumonia in acute allergic reaction to levomycetin] Krylov AA, et al. **Ter Arkh** 1985;57(5):145-6 **(Rus)**

CLASSIFICATION

[Classification and nomenclature of acute pneumonia] Stuks IIu. **Sov Med** 1984;(7):87-90 **(Rus)**

COMPLICATIONS

Septic shock and hyperthermia as possible teratogenic factors. Ivarsson SA, et al. **Acta Paediatr Scand** 1984 Nov; 73(6):875-6

Adult respiratory distress syndrome secondary to tularemia pneumonia. Sunderrajan EV, et al. **Arch Intern Med** 1985 Aug;145(8):1435-7

The outcome of bacterial infection in subjects with benign familial leukopenia (BFL). Shoenfeld Y, et al. **Biomed Pharmacother** 1985;39(1):23-6

Management of AIDS pneumonia. Pozniak AL, et al. **Br J Dis Chest** 1985 Apr;79(2):105-14 (25 ref.)

Pneumonia in the acquired immune deficiency syndrome [editorial] Johnson NM. **Br Med J [Clin Res]** 1985 May 4;290(6478):1299-301

Invasive pulmonary aspergillosis complicating influenza A pneumonia in a previously healthy patient. Lewis M, et al. **Chest** 1985 May;87(5):691-3

Life-threatening bacterial pneumonia in male homosexuals with laboratory features of the acquired immunodeficiency syndrome. White S, et al. **Chest** 1985 Apr;87(4):486-8

Parapneumonic effusions and empyema. Light RW. **Clin Chest Med** 1985 Mar;6(1):55-62

Scintiangiographic demonstration of parasitization of systemic blood supply by inflammatory lung disease. Schlesinger AE, et al. **Clin Nucl Med** 1985 Mar;10(3):204-5

Association of pneumonia with undernutrition and shigellosis. Alam AN, et al. **Indian Pediatr** 1984 Aug;21(8):609-13

Differential ventilation with selective PEEP in bilateral lung disease. Frostell C, et al. **Intensive Care Med** 1984; 10(5):265-7

Bacteremic non-typeable Hemophilus influenzae pneumonia. Ortega G, et al. **J Tenn Med Assoc** 1984 Oct;77(10):586-8

Congenital rubella with pneumonitis [letter] Harpey JP, et al. **Lancet** 1985 May 11;1(8437):1104

Congenital rubella with fatal pneumonitis in two infants born to mothers reported as rubella immune [letter] Mahony MJ, et al. **Lancet** 1985 Mar 23;1(8430):700-1

Transient acquired factor X deficiency associated with pneumonia. Currie MS, et al. **NY State J Med** 1984 Nov; 84(11):572-3

Pneumatocele formation in a patient with Proteus mirabilis pneumonia. Lysy J, et al. **Postgrad Med J** 1985 Mar; 61(713):255-7

Severe steroid responsive pneumonitis associated with pyoderma gangrenosum and ulcerative colitis. McCulloch AJ, et al. **Thorax** 1985 Apr;40(4):314-5

[Cardiac therapy in acute pneumonia] Runge M, et al. **Prax Klin Pneumol** 1985 Jul;39(7):221-5 **(Ger)**

[A case of Legionnaires' disease and Branhamella catarrhalis pneumonia complicated with malignant lymphoma] Nagasawa M, et al. **Kansenshogaku Zasshi** 1984 Sep; 58(9):936-42 (Eng. Abstr.) **(Jpn)**

[Respiratory failure in pneumonia of aged patients] Kida K. **Nippon Ronen Igakkai Zasshi** 1984 Sep;21(5):413-9 (Eng. Abstr.) **(Jpn)**

[Pleural effusion in bacterial pneumonia] Gryminski J. **Pneumonol Pol** 1984 Nov-Dec;52(11-12):549-55 (Eng. Abstr.) **(Pol)**

[Pyocyaneus infection in surgical pneumonology] Aliev MA, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):63-5 (Eng. Abstr.) **(Rus)**

[Electrocardiographic criteria of myocardial hyperfunction in the right segment of the heart] Khadartsev AA, et al. **Klin Med (Mosk)** 1984 Aug;62(8):38-41 (Eng. Abstr.) **(Rus)**

[Dispensary observation of children with a history of the pleural form of acute destructive pneumonia] Volokh IuA, et al. **Pediatriia** 1984 Aug;(8):50-1 **(Rus)**

[Hyperplasia of the thymus gland in children: physiology or pathology?] Kurbanov TG, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):33-7 (Eng. Abstr.) **(Rus)**

[Total plethysmography in the evaluation of ventilatory insufficiency in chronic pneumonia in children] Shiriaeva IS, et al. **Vestn Akad Med Nauk SSSR** 1985;(6):60-4 (Eng. Abstr.) **(Rus)**

[Inadequate antidiuretic hormone secretion syndrome associated with acute pneumonia. Considerations on diagnostic methods] Gea J, et al. **Med Clin (Barc)** 1985 Jun 8;85(2):70-2 (Eng. Abstr.) **(Spa)**

[Parapneumonic effusion: development over 12 months] Sobradillo Peña V, et al. **Med Clin (Barc)** 1984 Sep 22; 83(8):317-20 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Rapid diagnosis of Chlamydia trachomatis pneumonia in infants. Friis B, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Jun; 92(3):139-43

The management of pneumonia. Parrino TA, et al. **Adv Intern Med** 1984;30:113-51 (156 ref.)

Rapidly progressive pneumonia in a young man [clinical conference] Baraff LJ, et al. **Am J Emerg Med** 1983 Jul; 1(1):43-9

Prospective evaluation of the protected specimen brush for the diagnosis of pulmonary infections in ventilated patients. Chastre J, et al. **Am Rev Respir Dis** 1984 Nov;130(5):924-9

Serologic diagnosis of focal pneumonia caused by Cryptococcus neoformans. Jensen WA, et al. **Am Rev Respir Dis** 1985 Jul;132(1):189-91

'Atypical pneumonia' due to parakeet sensitivity: bird fancier's lung in a 10-year-old girl. Barker PM, et al. **Br J Dis Chest** 1984 Oct;78(4):404-7

T-lymphocytosis in bronchoalveolar lavage fluid of hypersensitivity pneumonitis [letter] **Chest** 1985 Jan; 87(1):133-4

A comparative study of Legionella micdadei and other nosocomial acquired pneumonia. Rudin JE, et al. **Chest** 1984 Nov;86(5):675-80

Pneumonia and lung abscess. Carden DL, et al. **Emerg Med Clin North Am** 1983 Aug;1(2):345-70 (138 ref.)

Diagnosis of bacterial pneumonia with fiberoptic bronchoscopy [editorial] Winterbauer RH. **Eur J Clin Microbiol** 1985 Apr;4(2):95-7

Bacterial pneumonia in the elderly: clinical features, diagnosis, etiology, and treatment. Bentley DW **Gerontology** 1984;30(5):297-307 (33 ref.)

Yellow nail syndrome. Pavlidakey GP, et al. **J Am Acad Dermatol** 1984 Sep;11(3):509-12

Legionella oakridgensis: laboratory diagnosis of a human infection. Tang PW, et al. **J Clin Microbiol** 1985 Mar; 21(3):462-3

Relationship of patient age to clinical features and outcome for in-hospital treatment of pneumonia. Fedullo AJ, et al. **J Gerontol** 1985 Jan;40(1):29-33

Serological evidence of Chlamydia trachomatis infection in non-immunocompromised adults with pneumonia. Sundkvist T, et al. **J Infect** 1984 Sep;9(2):143-7

Hospital admissions for pneumonia. A Kentucky Peer Review Organization study. Scott SR. **J Ky Med Assoc** 1985 Feb;83(2):73-4

Rapid diagnosis of cytomegalovirus infection [letter] du Bois RM, et al. **Lancet** 1985 Jan 19;1(8421):171

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 27-1985. A 38-year-old veterinarian with headache, fever, and bilateral pulmonary infiltrates. **N Engl J Med** 1985 Jul 4;313(1):36-42

Acute lower respiratory tract infections in children admitted to Port Moresby General Hospital. Watt P. **Papua New Guinea Med J** 1984 Jun;27(2):95-102

Anaerobic bacterial pneumonia in an otherwise healthy young adult. Swartz MA, et al. **Postgrad Med** 1985 Jan; 77(1):87-8, 90

Early experience and difficulties with bronchoalveolar lavage and transbronchial biopsy in the diagnosis of AIDS associated pneumonia in Britain. Swinburn CR, et al. **Thorax** 1985 Mar;40(3):166-70

[Is the etiological diagnosis of pneumonia possible?] Kleemola M, et al. **Duodecim** 1985;101(13):1293-302 **(Fin)**

[Pulmonologic aspects of chlamydia infections in the adult] Malepart MJ, et al. **Tunis Med** 1985 Jan;63:53-8 (Eng. Abstr.) **(Fre)**

[An outbreak of pulmonary histoplasmosis among Quebec speleologists in Mexico] Saint-Martin M, et al. **Union Med Can** 1984 Nov;113(11):944-6 (Eng. Abstr.) **(Fre)**

[Diagnosis of the pneumonias] Kohl FV, et al. **Dtsch Med Wochenschr** 1985 Aug 23;110(34):1296-300 **(Ger)**

[Invasive diagnosis of pneumonias] Fabel H. **Internist (Berlin)** 1985 Jun;26(6):347-51 (20 ref.) **(Ger)**

[Pneumonia resembling a tumor] Otte W, et al. **Internist (Berlin)** 1985 Jan;26(1):46-9 **(Ger)**

[Diagnosis of Chlamydia trachomatis infections in the perinatal period and in infancy by counterimmunoelectrophoresis] Storm W, et al. **Prax Klin Pneumol** 1984 Jul;38(7):301-2 (Eng. Abstr.) **(Ger)**

[Practical approach to pulmonary infections in the immunocompromised host] Soma K. **Kokyu To Junkan** 1984 Oct;32(10):1027-31 **(Jpn)**

[Fungal pneumonia in hematologic disorders--with special reference to diagnosis of aspergillus pneumonia] Ishizaki T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Jan; 23(1):86-97 (Eng. Abstr.) **(Jpn)**

[A case of listerial pneumonia] Jodlowski J. **Pneumonol Pol** 1985 Feb;53(2):95-8 (Eng. Abstr.) **(Pol)**

[Clinical picture of Mycoplasma pneumoniae infection in patients with chronic respiratory tract diseases] Majkowska-Przybyl M, et al. **Pneumonol Pol** 1984 Nov-Dec;52(11-12):543-7 (Eng. Abstr.) **(Pol)**

[Value of bronchofibroscopy in the bacteriological diagnosis of pneumonia. Description of the method and preliminary results] Nikodemowicz E, et al. **Pneumonol Pol** 1984 Nov-Dec;52(11-12):535-7 (Eng. Abstr.) **(Pol)**

[Actinic pneumonitis: not to be confused with tuberculosis (letter)] Faria SL, et al. **Rev Paul Med** 1985 Jan-Feb; 103(1):46 **(Por)**

[Pneumonias in Q fever] Sturdza VR, et al. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct-Dec;88(4):695-6 (Eng. Abstr.) **(Rum)**

[Pneumonias in children] Muntean I. **Rev Pediatr Obstet Ginecol [Pediatr]** 1985 Apr-Jun; 34(2):143-9 (Eng. Abstr.) **(Rum)**

[Water-electrolyte metabolism disorder in pneumonia in premature infants in the hot climate of Turkmenia] Pavlovskaia EN. **Akush Ginekol (Mosk)** 1985 Apr;(4):51-3 (Eng. Abstr.) **(Rus)**

[Differential diagnosis of suppurative-destructive diseases and cancer of the lungs] Muromskii IuA, et al. **Khirurgiia (Mosk)** 1985 Apr;(4):48-51 (Eng. Abstr.) **(Rus)**

[Acute destructive pneumonia in children] Kukuruza IuP, et al. **Klin Khir** 1985;(6):29-31 (Eng. Abstr.) **(Rus)**

[Activity of glutathione peroxidase and glutathione reductase in the blood in nonspecific inflammatory diseases of the lungs] Garmash VIa, et al. **Klin Med (Mosk)** 1984 Dec; 62(12):63-8 (Eng. Abstr.) **(Rus)**

[Effect of washing sputum on the results of bacteriologic and cytologic studies] Ageeva TS, et al. **Lab Delo** 1984; (10):601-4 (Eng. Abstr.) **(Rus)**

[Comparative characteristics of serological methods of study in acute pneumonia in older patients] Gugitsidze EN, et al. **Lab Delo** 1984;(7):435-8 (Eng. Abstr.) **(Rus)**

[Terminal pneumonia--shock lung (validity of diagnosis by evaluating respiratory disorders in children with severe forms of intestinal infections)] Bogadel'nikov IV, et al. **Pediatriia** 1985 Feb;(2):73-4 **(Rus)**

[Detection of patients with chronic nonspecific respiratory tract diseases and tuberculosis among workers of a large industrial plant by using primary automated screening] Kibrik BS, et al. **Probl Tuberk** 1984 Jul;(7):6-9 (Eng. Abstr.) **(Rus)**

[Subsegmental bronchoalveolar lavage in the diagnosis of inflammatory and disseminated processes in the lungs] Gerasin Va, et al. **Ter Arkh** 1985;57(3):99-102 (Eng. Abstr.) **(Rus)**

[Acute pneumonia in the practice of polyclinical internists (current problems of prevention, diagnosis, treatment and rehabilitation)] Krylov AA, et al. **Ter Arkh** 1984;56(8):61-6 (Eng. Abstr.) **(Rus)**

[Importance of the cytochemical study of blood leukocyte enzyme activity in acute pneumonias] Magomedov AZ. **Ter Arkh** 1985;57(3):130-3 (Eng. Abstr.) **(Rus)**

[Early specific lung lesion in a patient with syphilis] Krivosheev BN, et al. **Vestn Dermatol Venerol** 1984 Dec; (12):55-7 (Eng. Abstr.) **(Rus)**

[Value of immunologic tests in the diagnosis of infiltrative processes in the lungs] Chernushenko EF, et al. **Vrach Delo** 1984 Dec;(12):33-6 (Eng. Abstr.) **(Rus)**

[Effect of alcohol on the course of acute pneumonias] Krylov AA, et al. **Vrach Delo** 1984 Oct;(10):42-4 (Eng. Abstr.) **(Rus)**

[Differential diagnosis of nonspecific pneumonia and infiltrative pulmonary tuberculosis] Litvinov AA, et al. **Vrach Delo** 1985 Jun;(6):42-4 (Eng. Abstr.) **(Rus)**

[Viral-bacterial associations in patients with acute pneumonia] Volkova VV, et al. **Vrach Delo** 1985 Mar; (3):12-4 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Use of new beta-lactams in respiratory infections. Grassi C. **Ala J Med Sci** 1985 Apr;22(2):189-93

Tolerance study of ceftriaxone compared with amoxicillin in patients with pneumonia. Baumgartner JD, et al. **Am J Med** 1984 Oct 19;77(4C):54-8

Aztreonam therapy for gram-negative pneumonia. Greenberg RN, et al. **Am J Med** 1985 Feb 8;78(2A):31-3

Treatment of community-acquired pneumonias. McKellar PP. **Am J Med** 1985 Aug 9;79(2A):25-31

Association of aminoglycoside plasma levels with therapeutic outcome in gram-negative pneumonia. Moore RD, et al. **Am J Med** 1984 Oct;77(4):657-62

Pneumonia treated with imipenem/cilastatin. Salata RA, et al. **Am J Med** 1985 Jun 7;78(6A):104-9

Cefmenoxime efficacy, safety, and pharmacokinetics in critical care patients with nosocomial pneumonia. Schentag JJ, et al. **Am J Med** 1984 Dec 21;77(6A):34-42

Treatment with aztreonam or tobramycin in critical care patients with nosocomial gram-negative pneumonia. Schentag JJ, et al. **Am J Med** 1985 Feb 8;78(2A):34-41

Ceftazidime versus tobramycin-ticarcillin in the treatment of pneumonia and bacteremia. Cone LA, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):33-6

Comparison of ceftazidime with cefamandole for therapy of community-acquired pneumonia. Engle JC, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):146-8

Activities of pefloxacin and ciprofloxacin in experimentally induced Pseudomonas pneumonia in neutropenic guinea pigs. Gordin FM, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):452-4

Susceptibility of Legionella pneumophila to ofloxacin in vitro and in experimental Legionella pneumonia in guinea pigs. Saito A, et al. **Antimicrob Agents Chemother** 1985 Jul; 28(1):15-20

Antibiotic treatment of pneumonia and bronchiolitis. A prospective randomised study. Friis B, et al. **Arch Dis Child** 1984 Nov;59(11):1038-45

Comparative efficacy of four antibiotics in anaerobic pulmonary infection. An experimental model in rabbits. Chandrasekar PH, et al. **Chemotherapy** 1984;30(5):331-6

Therapeutic experience with temocillin in peritonitis. Pfeiffer M, et al. **Drugs** 1985;29 Suppl 5:194-6

Cefodizime, an aminothiazolyl cephalosporin. III. Therapeutic activity against experimentally induced pneumonia in mice. Klesel N, et al. **J Antibiot (Tokyo)** 1984 Dec;37(12):1712-8

Therapeutic efficacy of beta-lactam and aminoglycoside antibiotics on experimental pneumonia caused by Klebsiella pneumoniae B-54 in diabetic mice. Obana Y, et al. **J Antibiot (Tokyo)** 1985 Jul;38(7):941-7

Primaxin in the treatment of acute bacterial pneumonia in adults. Gebhart RJ, et al. **J Antimicrob Chemother** 1985 Feb;15(2):233-8

Cefmenoxime in the treatment of nosocomial pneumonias in critical care patients. Reitberg DP, et al. **J Antimicrob Chemother** 1984 Jul;14(1):81-91

Erythromycin compared with a combination of ampicillin plus flucloxacillin for the treatment of community acquired pneumonia in adults. Shanson DC, et al. **J Antimicrob Chemother** 1984 Jul;14(1):75-9

Therapeutic efficacy of continuous versus intermittent administration of ceftazidime in an experimental Klebsiella pneumoniae pneumonia in rats. Roosendaal R, et al. **J Infect Dis** 1985 Aug;152(2):373-8

Ceftriaxone, a third generation cephalosporin. Johnson ES, et al. **J Med Soc NJ** 1984 Nov;81(11):941-4

Management of acute pulmonary exacerbations in cystic fibrosis: a critical appraisal. Nelson JD. **J Pediatr** 1985 Jun 106(6):1030-4 (18 ref.)

Chloramphenicol alone versus chloramphenicol plus penicillin for severe pneumonia in children. Shann F, et al. **Lancet** 1985 Sep 28;2(8457):684-6

Restoration by MDP-Lys (L18) of resistance to Pseudomonas pneumonia in immunosuppressed guinea pigs. Otani T, et al. **Microbiol Immunol** 1984;28(9):1077-82

Treatment of pneumonia with imipenem/cilastatin. Beasley CR, et al. **NZ Med J** 1985 Jun 26;98(781):494-7

Pneumonia: antimicrobial therapy for infants and children. Teele D. **Pediatr Infect Dis** 1985 May-Jun;4(3):330-5

Ceftazidime versus tobramycin/ticarcillin in treating hospital acquired pneumonia and bacteremia. Rapp RP, et al. **Pharmacotherapy** 1984 Jul-Aug;4(4):211-5

Management of community-acquired pneumonia in outpatients. Siegel D. **West J Med** 1985 Jan;142(1):45-8

[Therapeutic results in 529 cases of pneumonia in children] Hu JX. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov; 4(11):672-4, 644 (Eng. Abstr.) **(Chi)**

[Treatment of pulmonary infection with antibiotics] Wang F. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Jun;7(3):182-5 **(Chi)**

[Opportunistic pathogenic microbial pneumonia] Yang Y. **Chung Hua Nei Ko Tsa Chih** 1984 Oct;23(10):634-6 **(Chi)**

[Can the treatment of pulmonary superinfections in children with cystic fibrosis be maximized?] Foucaud P. **Ann Pediatr (Paris)** 1985 Jun;32(6):559-60 **(Fre)**

[Antimicrobial activity of josamycin in the respiratory tract] Wildfeuer A, et al. **Fortschr Med** 1985 Feb 21;103(7):155-8 (Eng. Abstr.) **(Ger)**

[Tinidazole in the therapy of anaerobic pulmonary infections] Vetter N, et al. **Wien Med Wochenschr** 1984 Nov 30; 134(22):509-13 (Eng. Abstr.) **(Ger)**

[Clinical studies of cefminox in the pediatric field] Kida K, et al. **Jpn J Antibiot** 1985 Mar;38(3):751-8 (Eng. Abstr.) **(Jpn)**

[Clinical studies on cefminox in pediatric field] Sato T, et al. **Jpn J Antibiot** 1985 Mar;38(3):784-90 (Eng. Abstr.) **(Jpn)**

[Effectiveness of cefotaxime in pediatric infectious diseases] Takimoto M, et al. **Jpn J Antibiot** 1985 Jan;38(1):107-13 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of cefminox in children] Tomimasu K, et al. **Jpn J Antibiot** 1985 Mar;38(3):805-12 (Eng. Abstr.) **(Jpn)**

[Comparative study of TMS-19-Q and midecamycin for respiratory tract infection by double-blind method] Kobayashi H, et al. **Kansenshogaku Zasshi** 1985 Feb; 59(2):201-26 (Eng. Abstr.) **(Jpn)**

[Comparative study of the effectiveness of enoxacin and amoxicillin in bacterial pneumonia by a double blind method] Miki F, et al. **Kansenshogaku Zasshi** 1984 Oct; 58(10):1083-113 (Eng. Abstr.) **(Jpn)**

[Pneumonia and antibiotics in general practice] Schreiner A. **Nord Med** 1985;100(4):111-3 (Eng. Abstr.) **(Nor)**

[Treatment of respiratory and urinary tract infections with low doses of mezlocillin] Polubiec A, et al. **Pol Tyg Lek** 1985 Jan 28;40(4):93-5 (Eng. Abstr.) **(Pol)**

[Severe bacterial pneumonia in adults. Clinical and therapeutic aspects of 61 cases] Dogaru D, et al. **Rev Ig [Pneumoftiziol]** 1984 Apr-Jun;33(2):163-72 (Eng. Abstr.) **(Rum)**

[Current directions in the antibiotic therapy of acute nontuberculous infectious pneumonias in adults] Ispas LT, et al. **Rev Ig [Pneumoftiziol]** 1985 Jan-Mar;34(1):9-16 (Eng. Abstr.) **(Rum)**

[Use of immobilized proteolytic enzymes in the treatment of postoperative pulmonary complications] Bratslavskii AM, et al. **Anesteziol Reanimatol** 1984 Jul-Aug;(4):40-3 (Eng. Abstr.) **(Rus)**

[Microtracheostomy in the treatment of chronic nonspecific lung diseases] Avilova OM, et al. **Grudn Khir** 1985 Jan-Feb; (1):58-61 **(Rus)**

[Course and outcome of acute pneumonia in young children treated at home] Niiazov RR. **Pediatriia** 1984 Sep;(9):19-20 (Eng. Abstr.) **(Rus)**

[Use of vitamin E in bronchopulmonary pathology in children] Reznik BIa, et al. **Pediatriia** 1984 Jul;(7):59-60 (36 ref.) **(Rus)**

[Dekaris in chronic nonspecific lung diseases] Paleev NR, et al. **Sov Med** 1984;(7):106-9 **(Rus)**

[Effect of levamisole on cellular immunity indices in chronic bronchitis and chronic pneumonia patients] Borisova AM, et al. **Ter Arkh** 1984;56(10):29-31 (Eng. Abstr.) **(Rus)**

[Catheterization of the thoracic aorta for the purpose of long-term intra-aortic infusions in children with destructive bacterial pneumonias] Borodachev AV, et al. **Vestn Akad Med Nauk SSSR** 1984;(9):73-6 (Eng. Abstr.) **(Rus)**

[Current principles of antibacterial therapy of bronchopulmonary diseases in children] Sereda EV, et al. **Vestn Akad Med Nauk SSSR** 1985;(6):56-60 (Eng. Abstr.) **(Rus)**

[Transthoracic intrapulmonary administration of antibiotics with an injector in the treatment of acute pneumonia] Provotorov VM, et al. **Vestn Khir** 1985 May;134(5):36-8 (Eng. Abstr.) **(Rus)**

[Use of anticoagulants and antifibrinolytic agents in the complex treatment of patients with acute pneumonia] Sheleg VA. **Vrach Delo** 1985 Feb;(2):110-2 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

[Changes in the activity of proteolytic enzymes, aldolase and aminotransferases in young children with acute pneumonia in a hot climate] Mamatkulov KhM, et al. **Pediatriia** 1985 Mar;(3):58-9 **(Rus)**

[Cytochemical characteristics of the peripheral blood monocytes in acute pneumonia in young infants] Uzunova AN, et al. **Pediatriia** 1985 Apr;(4):44-5 **(Rus)**

ETIOLOGY

Life-threatening complications associated with Bacillus cereus pneumonia. Bekemeyer WB, et al. **Am Rev Respir Dis** 1985 Mar;131(3):466-9

The ethiopathogenic role of oxygen humidifiers connected to intermittent mandatory ventilation valves on nosocomial pneumonias [letter] Torres Marti A, et al. **Am Rev Respir Dis** 1985 May;131(5):803

Bronchoalveolar lavage and transbronchial biopsy for the diagnosis of pulmonary infections in the acquired immunodeficiency syndrome. Broaddus C, et al. **Ann Intern Med** 1985 Jun;102(6):747-52

Propoxyphene and acetaminophen mixture (Darvocet)--related radiation-induced pneumonitis. Halpern J, et al. **Arch Intern Med** 1985 Aug;145(8):1509-10

An unusual case of rheumatic pneumonia. Raz I, et al. **Arch Intern Med** 1985 Jun;145(6):1130-1

Giant cell pneumonia due to respiratory syncytial virus [letter] Hemming VG, et al. **Arch Pathol Lab Med** 1985 Mar;109(3):213

Acute respiratory insufficiency from psittacosis [letter] **Br Med J [Clin Res]** 1985 Jul 6;291(6487):53-4

Paecilomyces varioti pneumonia complicating hairy cell leukaemia. Dharmasena FM, et al. **Br Med J [Clin Res]** 1985 Mar 30;290(6473):967-8

Infection in immunosuppressed patients. Sadek Sabbour M, et al. **Chemioterapia** 1984 Feb;3(1):19-24

Acute pneumonitis with bilateral pleural effusion after talc pleurodesis. Bouchama A, et al. **Chest** 1984 Nov; 86(5):795-7

Etiologic diagnosis of bacterial nosocomial pneumonia in seriously ill patients. Berger R, et al. **Crit Care Med** 1985 Oct;13(10):833-6

Fetal inflammatory response in second trimester candidal chorioamnionitis. Hood IC, et al. **Early Hum Dev** 1985 May;11(1):1-10

Etiology of community-acquired pneumonia in patients requiring hospitalization. Berntsson E, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):268-72

Pulmonary cavitation, fibrosis and Legionnaires' disease. Hughes JA, et al. **Eur J Respir Dis** 1985 Jan;66(1):59-61

Inflammatory responses to Pseudomonas aeruginosa and Staphylococcus aureus in the murine lung. Sordelli DO, et al. **Eur J Respir Dis** 1985 Jan;66(1):31-9

A 'healthy' infant with a round pneumonia. Torres H, et al. **Hosp Pract [Off]** 1984 Nov;19(11):57-61

Isolation of Legionella pneumophila serogroup 1 from a fatal case of pneumonia in Israel. Bercovier H, et al. **Isr J Med Sci** 1984 Nov;20(11):1109-11

Pneumonia and meningo-encephalitis due to Coxiella burnetii. Marrie TJ. **J Infect** 1985 Jul;11(1):59-61

Aetiology and outcome of severe community-acquired pneumonia. Woodhead MA, et al. **J Infect** 1985 May; 10(3):204-10

Water-related nosocomial pneumonia caused by Legionella pneumophila serogroups 1 and 10. Meenhorst PL, et al. **J Infect Dis** 1985 Aug;152(2):356-64

Tracheal bronchus: association with respiratory morbidity in childhood. McLaughlin FJ, et al. **J Pediatr** 1985 May; 106(5):751-5

Chlamydia trachomatis causing pleural effusion [letter] Mundel G, et al. **J Pediatr** 1985 Jan;106(1):167

Disseminated CMV infection [letter] Kotler DP, et al. **JAMA** 1985 Jun 7;253(21):3093-4

Mediastinal and supraclavicular lymphadenitis and pneumonitis due to Chlamydia trachomatis serovars L1 and L2. Bernstein DI, et al. **N Engl J Med** 1984 Dec 13; 311(24):1543-6

New pulmonary infiltrates in granulocytopenic cancer patients being treated with antibiotics. Commers JR, et al. **Pediatr Infect Dis** 1984 Sep-Oct;3(5):423-8

Pulmonary nocardiosis in a child with systemic lupus erythematosus. Garty BZ, et al. **Pediatr Infect Dis** 1985 Jan-Feb;4(1):66-8

Second report on experience with high-dosage upper and lower semi-body irradiation. II. Studies on radiation pneumonitis and tumor reaction in patients receiving upper and lower half-body irradiation treatment. Hüttner J, et al. **Radiobiol Radiother (Berl)** 1984;25(4):505-11

Radiation pneumonitis in patients treated for breast cancer. Rothwell RI, et al. **Radiother Oncol** 1985 Aug;4(1):9-14

Neonatal pneumonia caused by Branhamella catarrhalis. Ohlsson A, et al. **Scand J Infect Dis** 1985;17(2):225-8

Targeted modulation of acute inflammation. Ranney DF. **Science** 1985 Jan 11;227(4683):182-4

Recurrent bacterial pneumonia: a contemporary perspective. Roth RM, et al. **South Med J** 1985 May;78(5):573-9 (75 ref.)

Community-acquired Pseudomonas aeruginosa pneumonia associated with the use of a home humidifier. Harris AA, et al. **West J Med** 1984 Oct;141(4):521-3

A case of hyperthyroidism presenting as recurrent pneumonia. Rosenthal MJ, et al. **West J Med** 1985 Apr; 142(4):550-2

[Haemophilus influenzae pneumonia in adults] de Graaff CS, et al. **Ned Tijdschr Geneeskd** 1985 Mar 30;129(13):594-7 (Eng. Abstr.) **(Dut)**

[Community-acquired pneumonias: importance of pneumococcal pathology] Glauser MP, et al. **Schweiz Med Wochenschr** 1985 Jan 19;115(3):70-5 (Eng. Abstr.) **(Fre)**

[Nocardiosis] Lebreux E, et al. **Union Med Can** 1985 May; 114(5):421-3 (Eng. Abstr.) **(Fre)**

[Pulmonitis caused by Coxiella burneti and Chlamydia psittaci. 2 years of research in Marche] Bagnarelli P, et al. **Boll Ist Sieroter Milan** 1984;63(6):543-5 (Eng. Abstr.) **(Ita)**

[Radiation pneumopathy. Our experience in the treatment of Hodgkin's disease with mantle-shaped field radiotherapy] Loasses A, et al. **Radiol Med (Torino)** 1984 Jul-Aug;70(7-8):520-7 (Eng. Abstr.) **(Ita)**

[A case of pneumonia due to Salmonella enteritidis] Yamamoto M, et al. **Kansenshogaku Zasshi** 1984 May; 58(5):429-34 (Eng. Abstr.) **(Jpn)**

[The first case of Legionella longbeachae pneumonia in Japan] Irie S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jun; 22(6):518-22 (Eng. Abstr.) **(Jpn)**

[A case of cholesterol pneumonitis] Tashiro T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Nov; 22(11):1046-50 (Eng. Abstr.) **(Jpn)**

[Pneumonia caused by gram-negative bacteria. Diagnostic and prognostic aspects] Sosnowski W, et al. **Pneumonol Pol** 1984 Jun;52(6):265-71 (Eng. Abstr.) **(Pol)**

[Pericardiac, pleural and pulmonary complications in acute myocardial infarct] Vlaicu R, et al. **Rev Med Interna [Med Interna]** 1985 Mar-Apr;37(2):97-104 (Eng. Abstr.) **(Rum)**

[Criteria and methods of etiological diagnosis of acute and chronic inflammatory processes in the lungs] Ageeva TS, et al. **Ter Arkh** 1985;57(5):39-42 (Eng. Abstr.) **(Rus)**

[Complications and causes of fatal outcomes in prostatic cancer] Samsonov VA. **Vopr Onkol** 1985;31(2):63-7 (Eng. Abstr.) **(Rus)**

[Nocardiosis in immunosuppressed patients] Ausina V, et al. **Med Clin (Barc)** 1985 Jan 26;84(3):90-5 (Eng. Abstr.) **(Spa)**

[Etiology of extrahospitallary pneumonia in an urban environment] Capell Font S, et al. **Med Clin (Barc)** 1985 Jan 12;84(1):4-7 (Eng. Abstr.) **(Spa)**

[Pulmonary nocardiosis. Apropos of a case (letter)] Cervantes Ruipérez A, et al. **Med Clin (Barc)** 1985 May 18; 84(19):796-7 **(Spa)**

[Acute tuberculous pneumonia and acute respiratory insufficiency (letter)] Javaloyas M, et al. **Med Clin (Barc)** 1985 Mar 9;84(9):373 **(Spa)**

[Bacteremic pneumonias caused by gram-negative aerobic bacilli in the adult. Apropos of 35 cases] Aguado García JM, et al. **Rev Clin Esp** 1984 Aug 15-31;174(3-4):85-9 (Eng. Abstr.) **(Spa)**

[Cavitary nocardia asteroides pneumonia] López Lagunas I, et al. **Rev Clin Esp** 1984 Dec 15-31;175(5-6):233-5 **(Spa)**

HISTORY

[History of pneumonia--a change from the 19th to the 21st century] Gsell O. **Prax Klin Pneumol** 1984 Sep;38(9):379-88 **(Ger)**

[History of pneumonia] Gsell O. **Sudhoffs Arch** 1984; 68(2):182-216 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

Chlamydia trachomatis infection in a premature infant [letter] Ushijima H, et al. **Acta Paediatr Scand** 1985 Jul;74(4):604

Cellular and T-lymphocyte subpopulation profiles in bronchoalveolar lavage fluid from patients with acquired immunodeficiency syndrome and pneumonitis. Wallace JM, et al. **Am Rev Respir Dis** 1984 Nov;130(5):786-90

Pulmonary cell populations in the immunosuppressed patient. Bronchoalveolar lavage findings during episodes of pneumonitis. White DA, et al. **Chest** 1985 Sep;88(3):352-9

Specificity and duration of post-inflammatory suppression in rabbit lungs challenged with aerosolized antigen. Calvanico NJ, et al. **Clin Exp Immunol** 1985 Feb; 59(2):336-42

Effect of systemic immunization on pulmonary clearance of Haemophilus influenzae type b. Toews GB, et al. **Infect Immun** 1985 May;48(2):343-9

[Latex and coagglutination test of serum and urine in childhood pneumonia] Simon C, et al. **Monatsschr Kinderheilkd** 1985 Apr;133(4):225-30 (Eng. Abstr.) **(Ger)**

[Prevalence of antibodies to Legionella pneumophila in healthy adults and hospitalized patients with respiratory diseases in Okayama Prefecture] Nakahama C, et al. **Kansenshogaku Zasshi** 1985 Apr;59(4):373-80 (Eng. Abstr.) **(Jpn)**

[Serum immunoglobulin levels in infants and children up to 2 years of age with pneumonia] Czerwionka-Szaflarska M, et al. **Wiad Lek** 1984 Sep 15;37(16):1245-50 (Eng. Abstr.) **(Pol)**

[Morphogenesis of inflammation of the lungs with changed immunity] Iashchenko LB, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):364-6 (Eng. Abstr.) **(Rus)**

[Use of the levamisole test in patients with chronic pneumonia] Papko AG, et al. **Lab Delo** 1984;(9):574 **(Rus)**

[Immune system in acute, protracted and chronic infectious and inflammatory diseases of the respiratory organs in children] Botvin'eva VV. **Pediatriia** 1985 Jan;(1):21-5 (Eng. Abstr.) **(Rus)**

[Action of anabolic steroids on the immunity function of nursing infants with acute pneumonia and suffering from hypotrophy] Kapitanov EA, et al. **Pediatriia** 1985 Apr;(4):23-4 (Eng. Abstr.) **(Rus)**

[Various indicators of nonspecific body resistance in tuberculosis and chronic nonspecific lung diseases] Popova II, et al. **Probl Tuberk** 1985;(3):50-4 (Eng. Abstr.) **(Rus)**

[Importance of studying the sputum of pneumonia and bronchitis patients] Ardamatskii NA, et al. **Ter Arkh** 1985; 57(3):120-2 **(Rus)**

[Immunological indices and the acid phosphatase activity of the blood serum in patients with suppurative and destructive complications of acute pneumonia during the treatment/process] Barkov VA, et al. **Ter Arkh** 1984; 56(9):90-3 (Eng. Abstr.) **(Rus)**

[Circulating immune complexes and the complement level in children with acute pneumonia] Popova OIa, et al. **Ter Arkh** 1985;57(5):42-5 (Eng. Abstr.) **(Rus)**

[Viral-microbial associations and the function of humoral factors of natural immunity in acute pneumonia patients] Volkova VV, et al. **Ter Arkh** 1984;56(10):32-4 (Eng. Abstr.) **(Rus)**

[Disorders in the balance of immunoregulatory T-lymphocyte subpopulations (T gamma and T mu cells) and possible means for immunocorrection in destructive pneumonias in young infants] Burkov IV, et al. **Vestn Akad Med Nauk SSSR** 1984;(9):80-3 (Eng. Abstr.) **(Rus)**

[Clinico-immunological parallels in destructive pneumonias in newborn infants] Krasovskaia TV, et al. **Vestn Akad Med Nauk SSSR** 1984;(9):83-9 (Eng. Abstr.) **(Rus)**

METABOLISM

Effects of experimentally induced Pasteurella haemolytica pneumonia on the pharmacokinetics of erythromycin in the calf. Burrows GE. **Am J Vet Res** 1985 Apr; 46(4):798-803

Antipyrine clearance in pneumonia. Sonne J, et al. **Clin Pharmacol Ther** 1985 Jun;37(6):701-4

Uremic pneumonitis. Evidence for participation of proteolytic enzymes. Heidland A, et al. **Contrib Nephrol** 1984;41:352-66

[Metabolic correction in acute complicated pneumonia in young children] Gadiuchenko PN. **Pediatriia** 1984 Aug;(8):29-33 (Eng. Abstr.) **(Rus)**

[Lipid metabolism in nonspecific lung diseases] Kamyshnikov VS, et al. **Sov Med** 1984;(10):3-7 (Eng. Abstr.) **(Rus)**

[Phospholipid spectrum of pulmonary surfactant and erythrocyte membranes in pneumonia] Landysheva IV, et al. **Sov Med** 1984;(8):3-6 (Eng. Abstr.) **(Rus)**

[Release of antibacterial leukocyte proteins and variations in serum iron levels in bacterial pneumonias] Camacho J, et al. **Rev Clin Esp** 1984 Nov 15-30;175(3-4):123-6 (Eng. Abstr.) **(Spa)**

MICROBIOLOGY

Neisseria sicca pneumonia. Report of two cases and review of the literature. Gilrane T, et al. **Am J Med** 1985 Jun;78(6 Pt 1):1038-40

Pneumonia caused by gram-negative bacilli. Karnad A, et al. **Am J Med** 1985 Jul 15;79(1A):61-7

Cavitary pneumonia due to Yersinia enterocolitica in a healthy man. Cropp AJ, et al. **Am J Med Sci** 1984 Oct; 288(3):130-2

Oat-cell carcinoma in transfusion-associated acquired immunodeficiency syndrome [letter] Moser RJ 3d, et al. **Ann Intern Med** 1985 Sep;103(3):478

Waterborne Legionella bozemanii and nosocomial pneumonia in immunosuppressed patients. Parry MF, et al. **Ann Intern Med** 1985 Aug;103(2):205-10

In vitro susceptibilities of isolates from patients with Branhamella catarrhalis pneumonia compared with those of colonizing strains. Sweeney KG, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):499-502

Role of exoenzyme S in chronic Pseudomonas aeruginosa lung infections. Nicas TI, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):175-9

Use of transposon mutants to assess the role of exoenzyme S in chronic pulmonary disease due to Pseudomonas aeruginosa. Woods DE, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):163-9

Nosocomial pneumonia caused by a glucose-metabolizing strain of Neisseria cinerea. Boyce JM, et al. **J Clin Microbiol** 1985 Jan;21(1):1-3

Second serogroup of Legionella feeleii strains isolated from humans. Thacker WL, et al. **J Clin Microbiol** 1985 Jul; 22(1):1-4

Isolation of a group Y meningococcus from a patient with pneumonia [letter] Hanson MF, et al. **J Infect** 1985 Jan; 10(1):76-7

Opportunistic pneumonia: a stepped approach [editorial] Bone RC. **JAMA** 1985 Mar 22-29;253(12):1783

Consensus: management of presumed bacterial pneumonia in ambulatory children. Grossman M, et al. **Pediatr Infect Dis** 1984 Nov-Dec;3(6):497-500

Pneumonia due to Chlamydia trachomatis in Japanese infants. Numazaki K, et al. **Tohoku J Exp Med** 1984 Aug; 143(4):413-20

[Hemolytic group A streptococcus as the cause of pneumonia with empyema] Kirkegaard E, et al. **Ugeskr Laeger** 1984 Oct 15;146(42):3203-4 (Eng. Abstr.) **(Dan)**

[Lack of specificity of protected distal bronchial samples in the bacteriological diagnosis of nosocomial pneumonia caused by gram negative bacilli] Riou B, et al. **Ann Fr Anesth Reanim** 1985;4(3):248-53 (Eng. Abstr.) **(Fre)**

[Bacteriologic and histopathologic correlation in terminal pneumonia in the aged] Suzuki K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jul;22(7):570-6 (Eng. Abstr.) **(Jpn)**

[Legionella pneumophila--a new etiological factor in pneumonia] Góralewska A, et al. **Wiad Lek** 1985 Mar 15; 38(6):437-40 (Eng. Abstr.) **(Pol)**

[Bacteriologic examination in acute suppurative destructive pneumonia in children] Gilevich IuS, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):65-9 (Eng. Abstr.) **(Rus)**

[Sputum microflora in acute pneumonia based on the data from a quantitative study] Kondratenko GP, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Aug;(8):41-4 (Eng. Abstr.) **(Rus)**

[Etiology of non-hospital pneumonias] Almirante B, et al. **Med Clin (Barc)** 1985 Jun 29;85(5):175-8 (Eng. Abstr.) **(Spa)**

MORTALITY

Mortality of hyaline membrane disease vs. neonatal pneumonia [letter] van Bel F, et al. **AJR** 1985 Mar; 144(3):649-50

Mortality from influenza and allied infections in South Australia during 1968-1981. Cameron AS, et al. **Med J Aust** 1985 Jan 7;142(1):14-7

[Pneumonia as the cause of infant mortality] Mazurek A. **Przegl Lek** 1984;41(9):567-9 (Eng. Abstr.) **(Pol)**

[Analysis of the time of death of animals with malignant neoplasms and various non-neoplastic forms of the late sequelae of external and internal irradiation] Levdik TI, et al. **Gig Sanit** 1985 May;(5):34-7 (Eng. Abstr.) **(Rus)**

OCCURRENCE

The incidence of neonatal pneumonia in urban and rural areas of Beijing. Li Z, et al. **Chin Med J [Engl]** 1985 May; 98(5):311-5

Lower respiratory tract infections in an acute geriatric male ward: a one-year prospective surveillance. Andrews J, et al. **Gerontology** 1984;30(5):290-6

Pulmonary infections in renal transplant recipients. Dohi K, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):691-6

An epidemic of mild pneumonia due to an unusual strain of Chlamydia psittaci. Saikku P, et al. **J Infect Dis** 1985 May;151(5):832-9

Household outbreak of Q-fever pneumonia related to a parturient cat. Kosatsky T. **Lancet** 1984 Dec 22; 2(8417-18):1447-9

Childhood pneumonia in aborigines [letter] Lawless J. **Med J Aust** 1984 Aug 18;141(4):260

[Epidemiological and diagnostic aspects of pleuropulmonary staphylococcal infections in Tunisian children (apropos of 200 cases)] Sfar MT, et al. **Tunis Med** 1983 Jul-Aug; 61(4):241-5 (Eng. Abstr.) **(Fre)**

[Bacterial pneumonia among the cases of the phthisiopneumonologic clinic of the Silesian Medical Academy in Zabrze 1971-1982] Zduńczyk-Pawelek H, et al. **Pneumonol Pol** 1984 Nov-Dec;52(11-12):525-30 (Eng. Abstr.) **(Pol)**

[Bronchospastic syndrome in acute pneumonia among workers in a chromium plant] Baidillaeva SA, et al. **Gig Tr Prof Zabol** 1984 Nov;(11):37-9 (Eng. Abstr.) **(Rus)**

[Comparative course of pneumonia with suppuration] Cortes Lozano A, et al. **An Esp Pediatr** 1984 Nov 30;21(8):753-6 (Eng. Abstr.) **(Spa)**

PARASITOLOGY

Cryptococcal pneumonia: a fulminant presentation. Henson DJ, et al. **Am J Med Sci** 1984 Dec;288(5):221-2

PATHOLOGY

Increases in airway reactivity to histamine and inflammatory cells in bronchoalveolar lavage after the late asthmatic response in an animal model. Marsh WR, et al. **Am Rev Respir Dis** 1985 Jun;131(6):875-9

Pulmonary inflammation generates chemotactic activity for tumor cells and promotes lung metastasis. Orr FW, et al. **Am Rev Respir Dis** 1985 Apr;131(4):607-11

Medical grand rounds: a fatal case of pneumonia. Wetherill SF, et al. **Del Med J** 1985 Feb;57(2):79-84

Chlamydial pneumonitis induced in newborn guinea pigs. Rank RG, et al. **Infect Immun** 1985 Apr;48(1):153-8

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 49-1984. A 64-year-old man with rheumatoid arthritis and cavitary pulmonary disease. **N Engl J Med** 1984 Dec 6;311(23):1496-505

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 6-1985. Progressive pneumonitis after chemotherapy for breast carcinoma. **N Engl J Med** 1985 Feb 7;312(6):359-69

Bronchiolitis obliterans organizing pneumonia. Epler GR, et al. **N Engl J Med** 1985 Jan 17;312(3):152-8

Opportunistic Scopulariopsis pneumonia in an immunocompromised host. Wheat LJ, et al. **South Med J** 1984 Dec;77(12):1608-9

[Studies on the pathogenicity of Legionella pneumophila after aerosol exposure in animal models with special reference to production of an experimental pneumonia] Watanabe M. **Kansenshogaku Zasshi** 1985 Apr;59(4):342-54 (Eng. Abstr.) **(Jpn)**

[Comparative evaluation of the pathological process in a model of acute experimental pneumonia in rats caused by Pseudomonas aeruginosa strains of various origin] Tsinzerling VF, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec;(12):68-72 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Influence of lung injury on pulmonary wedge-left atrial pressure correlation during positive end-expiratory pressure ventilation. Hasan FM, et al. **Am Rev Respir Dis** 1985 Feb;131(2):246-50

Dissemination of Pseudomonas aeruginosa during lung infection in hamsters. Role of oxygen-induced lung injury. Johanson WG Jr, et al. **Am Rev Respir Dis** 1985 Aug; 132(2):358-61

Mechanical ventilation with 100% oxygen does not increase intrapulmonary shunt in patients with severe bacterial pneumonia. Lampron N, et al. **Am Rev Respir Dis** 1985 Mar;131(3):409-13

Hypersensitivity pneumonitis. Levy MB, et al. **Ann Allergy** 1985 Mar;54(3):167-71 (47 ref.)

Bronchoalveolar lavage in radiation pneumonitis. Cordier JF, et al. **Bull Eur Physiopathol Respir** 1984 Jul-Aug; 20(4):369-74

Resolution of pulmonary inflammation. Henson PM, et al. **Fed Proc** 1984 Oct;43(13):2799-806

Biochemical factors in pulmonary inflammatory disease. Schraufstatter I, et al. **Fed Proc** 1984 Oct;43(13):2807-10

Kinetics of inflammatory and fibrotic pulmonary changes in a murine model of silicosis. Callis AH, et al. **J Lab Clin Med** 1985 May;105(5):547-53

Assessment of severe pulmonary disease in pregnancy with Swan-Ganz monitoring. A report of two cases. Smythe AR, et al. **J Reprod Med** 1985 Feb;30(2):133-8

Variability of breath-by-breath tidal volume and its characteristics in normal and diseased subjects. Ventilatory monitoring with electrical impedance pneumography. Kuratomi Y, et al. **Jpn J Med** 1985 May;24(2):141-9

Pulmonary dysfunction caused by diffuse lung inflammation. Roles of metabolites of arachidonic acid. Brigham KL. **Prog Biochem Pharmacol** 1985;20:26-37 (16 ref.)

Airway responsiveness after antigen inhalation challenge in hypersensitive pneumonia. Hida W, et al. **Respiration** 1985; 47(1):11-20

[Regional dysfunction in pneumonia] Kobayashi H. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Feb;23(2):140-5 (Eng. Abstr.) **(Jpn)**

[Polycardiographic evaluation of left-ventricular contraction periods in children with pneumonia] Urban M, et al. **Pediatr Pol** 1984 Oct;59(10):821-7 (Eng. Abstr.) **(Pol)**

[Changes in homeostasis in acute pneumonia] Remennikova SB, et al. **Klin Med (Mosk)** 1984 Dec;62(12):59-61 (Eng. Abstr.) **(Rus)**

[Prognostic significance of ECG changes in acute pneumonia] Trushinskii ZK, et al. **Ter Arkh** 1984;56(8):74-8 (Eng. Abstr.) **(Rus)**

[Functional dependence between pressure in the pulmonary artery and venous admixing in the lungs in diseases in children] Vorontsov IuP, et al. **Vestn Akad Med Nauk SSSR** 1984;(9):51-4 (Eng. Abstr.) **(Rus)**

[Disorders of microcirculation, hemodynamic indices and external respiratory function in nonspecific inflammatory lung diseases] Berezhnitskii MN, et al. **Vrach Delo** 1984 Aug;(8):43-6 (Eng. Abstr.) **(Rus)**

[Characteristics of the central hemodynamics and morphofunctional state of the myocardium in patients with nonspecific lung diseases] Kishnereva AG, et al. **Vrach Delo** 1985 Jun;(6):39-41 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Chest physical therapy: comparative efficacy of preoperative and postoperative in the elderly. Castillo R, et al. **Arch Phys Med Rehabil** 1985 Jun;66(6):376-9

Oxygen-dependent protection of radiation lung damage in mice by WR 2721. Down JD, et al. **Int J Radiat Biol** 1984 Nov;46(5):597-607

Principia of cancer therapy VIII. Role of D-penicillamine in the prevention of radiation pneumonitis and fibrosis: an experimental demonstration. Okuyama S, et al. **Sci Rep Res Inst Tohoku Univ [Med]** 1984 Oct;31(1-4):30-1

Postoperative continuous positive airway pressure helps to prevent pulmonary infection after human renal transplantation. Cordier P, et al. **Transplant Proc** 1984 Oct;

16(5):1337-9

[Pneumonia during long term mechanical ventilation] Taenaka N, et al. **Masui** 1985 Feb;34(2):189-93 (Eng. Abstr.) **(Jpn)**

[Role of assisted pulmonary ventilation in the prevention and treatment of bronchopulmonary complications in patients with closed chest injuries] Sokolov VA, et al. **Ortop Travmatol Protez** 1984 Sep;(9):41-3 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Rapid pulmonary dissemination in mycosis fungoides simulating pneumonia. A case report and review of the literature. Rubin DL, et al. **Cancer** 1985 Aug 1;56(3):649-51

Hemoptysis and recurrent pneumonias in a 62-year-old man. Greenberg SB, et al. **Chest** 1985 May;87(5):671-2

Neonatal herpes simplex pneumonia: radiographic findings. Dominguez R, et al. **Radiology** 1984 Nov;153(2):395-9

[Opportunistic pathogenic microbial pneumonia] **Chung Hua Nei Ko Tsa Chih** 1984 Sep;23(9):572-5 **(Chi)**

[Abscess-forming pneumonia in esophageal cancer. A case contribution] Billmann P, et al. **Radiologe** 1984 Oct;24(10):475-7 (Eng. Abstr.) **(Ger)**

[Clinical picture of acute phase of unresolved pneumonia] Takamatsu K, et al. **Kansenshogaku Zasshi** 1984 Dec;58(12):1329-37 (Eng. Abstr.) **(Jpn)**

[Roentgen diagnosis of postoperative intrathoracic complications of acute appendicitis] Polezhaev VG, et al. **Klin Khir** 1985 Apr;(4):36-7 (Eng. Abstr.) **(Rus)**

[Importance of roentgenobronchological studies in patients with chronic pneumonia] Mamiliaev RM. **Ter Arkh** 1984;56(8):72-4 (Eng. Abstr.) **(Rus)**

[Clinico-roentgenological studies in chronic pneumonia] Mamiliaev RM. **Vestn Rentgenol Radiol** 1984 Sep-Oct;(5):21-30 (Eng. Abstr.) **(Rus)**

[The cavitary image as an uncommon radiologic manifestation in Q fever (letter)] Montejo Baranda M, et al. **Med Clin (Barc)** 1984 Jun 30;83(5):222 **(Spa)**

REHABILITATION

Chest physiotherapy in primary pneumonia. Britton S, et al. **Br Med J [Clin Res]** 1985 Jun 8;290(6483):1703-4

[Ambulatory step-by-step rehabilitation of children with bronchopulmonary diseases] Sidel'nikova LV, et al. **Pediatriia** 1984 Sep;(9):11-4 (Eng. Abstr.) **(Rus)**

[Physical loads in the rehabilitative treatment of women with chronic nonspecific lung diseases] Klapchuk VV. **Vrach Delo** 1985 May;(5):45-7 (Eng. Abstr.) **(Rus)**

SURGERY

Esophagopleural fistula after pneumonectomy for inflammatory disease. Shama DM, et al. **J Thorac Cardiovasc Surg** 1985 Jan;89(1):77-81

[Use of low-frequency ultrasonics in surgery of the lungs and pleura in children] Sergeev VM, et al. **Grudn Khir** 1984 Nov-Dec;(6):32-6 (Eng. Abstr.) **(Rus)**

THERAPY

Does chest physical therapy move airway secretions? Wanner A. **Am Rev Respir Dis** 1984 Nov;130(5):701-2

Chest physiotherapy in primary pneumonia [letter] Stapleton T. **Br Med J [Clin Res]** 1985 Jul 13;291(6488):143

Clinical value of paired sputum and transtracheal aspirates in the initial management of pneumonia. Geckler RW, et al. **Chest** 1985 May;87(5):631-5

The management of pneumonias in immunocompromised patients. Masur H, et al. **JAMA** 1985 Mar 22-29;253(12):1769-73

[Differentiated therapeutic tactics in acute suppurative destructive pneumonia in children] Gilevich IuS, et al. **Grudn Khir** 1985 Jan-Feb;(1):34-8 (Eng. Abstr.) **(Rus)**

[Treatment of suppurative-septic diseases complicated by dysbacteriosis in young children] Navrotskiĭ VA. **Klin Khir** 1985;(6):57-8 (Eng. Abstr.) **(Rus)**

[Treatment of patients with acute pneumonia] Kokosov AN. **Klin Med (Mosk)** 1984 Dec;62(12):99-103 **(Rus)**

[Experience with the treatment of suppurative-destructive diseases of the lungs] Sazonov AM, et al. **Klin Med (Mosk)** 1984 Dec;62(12):78-83 (Eng. Abstr.) **(Rus)**

[Sanitation bronchoscopy in the treatment of nonspecific lung diseases] Ermakov EV, et al. **Ter Arkh** 1984;56(9):87-90 (Eng. Abstr.) **(Rus)**

[2-stage treatment of acute pneumonia patients with rehabilitation at the sanatorial stage] Shteĭngardt IuN, et al. **Ter Arkh** 1985;57(3):133-5 (Eng. Abstr.) **(Rus)**

[Features of the treatment of acute pneumonia in the middle-aged and elderly] Sil'vestrov VP, et al. **Ter Arkh** 1984;56(9):20-4 **(Rus)**

VETERINARY

Effects of experimentally induced Pasteurella haemolytica pneumonia on the pharmacokinetics of erythromycin in the calf. Burrows GE. **Am J Vet Res** 1985 Apr;46(4):798-803

Serotyping of Haemophilus pleuropneumoniae by rapid slide agglutination and indirect fluorescent antibody tests in swine. Rapp VJ, et al. **Am J Vet Res** 1985 Jan;46(1):185-92

Interactions of cold stress and Pasteurella haemolytica in the pathogenesis of pneumonic pasteurellosis in calves: method of induction and hematologic and pathologic changes. Slocombe RF, et al. **Am J Vet Res** 1984 Sep;45(9):1757-63

Interactions of cold stress and Pasteurella haemolytica in the pathogenesis of pneumonic pasteurellosis in calves: changes in pulmonary function. Slocombe RF, et al. **Am J Vet Res** 1984 Sep;45(9):1764-70

Assessment of a complement fixation test to detect Mycoplasma hyopneumoniae infection in pigs. Lloyd LC, et al. **Aust Vet J** 1984 Jul;61(7):216-8

Enzootic pneumonia of pigs in South Australia--factors relating to incidence of disease. Pointon AM, et al. **Aust Vet J** 1985 Mar;62(3):98-101

The possible role of stress in the induction of pneumonic pasteurellosis. Filion LG, et al. **Can J Comp Med** 1984 Jul;48(3):268-74

Pneumonia in calves produced with aerosols of Pasteurella multocida alone and in combination with bovine herpesvirus 1. Jericho KW, et al. **Can J Comp Med** 1985 Apr;49(2):138-44

Characterization of Pasteurella species isolated from lungs of calves with pneumonia. Madsen EB, et al. **Can J Comp Med** 1985 Jan;49(1):63-7

Microorganisms associated with pneumonia in slaughter weight swine. Morrison RB, et al. **Can J Comp Med** 1985 Apr;49(2):129-37

Antibody to equi factor(s) in the diagnosis of Corynebacterium equi pneumonia of foals. Prescott JF, et al. **Can J Comp Med** 1984 Oct;48(4):370-3

Pneumonitis associated with occult heartworm disease in dogs. Calvert CA, et al. **J Am Vet Med Assoc** 1985 May 15;186(10):1097-8

Isolation of toxigenic strains of Pasteurella multocida from lungs of pneumonic swine. Pijoan C, et al. **J Am Vet Med Assoc** 1984 Sep 1;185(5):522-3

Pneumonia and atrophic rhinitis in pigs from a test station--a follow-up study. Straw BE, et al. **J Am Vet Med Assoc** 1984 Dec 15;185(12):1544-6

Muscovy duck mortality not caused by Haemoproteus [letter] Julian RJ, et al. **J Wildl Dis** 1985 Jul;21(3):335-7

Mycotic pneumonia and meningoencephalitis due to Aspergillus terreus in a neonatal snow leopard (Panthera uncia). Peden WM, et al. **J Wildl Dis** 1985 Jul;21(3):301-5

Rhodococcus equi pneumonia in foals. Genetzky RM, et al. **Mod Vet Pract** 1984 Oct;65(10):787-90

Effect of Mycoplasma hyopneumoniae infection on the development of Haemophilus pleuropneumoniae pneumonia in pigs. Yagihashi T, et al. **Nippon Juigaku Zasshi** 1984 Oct;46(5):705-13

Experimental production of bovine pneumonic pasteurellosis. Gibbs HA, et al. **Res Vet Sci** 1984 Sep;37(2):154-66

Susceptibility of specific pathogen-free lambs to concentrations of Pasteurella haemolytica serotype A2 in aerosols. Gilmour NJ, et al. **Res Vet Sci** 1984 Nov;37(3):374-5

Experimental pneumonia in conventionally reared and gnotobiotic calves by dual infection with Mycoplasma bovis and Pasteurella haemolytica. Gourlay RN, et al. **Res Vet Sci** 1985 May;38(3):377-82

Bacteria associated with calf pneumonia and their effect on gnotobiotic calves. Houghton SB, et al. **Res Vet Sci** 1984 Sep;37(2):194-8

Investigations into the possible role of Mycoplasma arginini in ovine respiratory disease. Jones GE, et al. **Res Vet Sci** 1985 May;38(3):368-72

Serum neutralization of cytotoxin from Pasteurella haemolytica, serotype 1 and resistance to experimental bovine pneumonic pasteurellosis. Gentry MJ, et al. **Vet Immunol Immunopathol** 1985 Jul;9(3):239-50

Comparison of virulence of ovine respiratory mycoplasmas in the mouse mammary gland. Buddle BM, et al. **Vet Microbiol** 1984 Aug;9(4):367-74

Experimental infection of sheep with Mycoplasma ovipneumoniae and Pasteurella haemolytica. Buddle BM, et al. **Vet Microbiol** 1984 Oct;9(6):543-8

Microscopic lesions associated with the isolation of Haemophilus somnus from pneumonic bovine lungs. Andrews JJ, et al. **Vet Pathol** 1985 Mar;22(2):131-6

Apparent reinfection of enzootic-pneumonia-free pig herds: early signs and incubation period. Goodwin RF. **Vet Rec** 1984 Sep 29;115(13):320-4

Lactate dehydrogenase isoenzymes in the lungs of sheep with acute and chronic pneumonia. Milne EM, et al. **Vet Res Commun** 1984 Aug;8(3):211-6

Differences in the pathogenicity for calves of Ureaplasma strains depending on the site of their isolation. Truszczyński M, et al. **Zentralbl Veterinarmed [B]** 1984 Oct;31(9):701-6

[Helminthic pneumonia in fattening swine] Zimmermann W, et al. **Schweiz Arch Tierheilkd** 1985 Apr;127(4):291-3 (Eng. Abstr.) **(Ger)**

PNEUMONIA, ASPIRATION

BLOOD

[Concentration of serum alpha 1-antitrypsin in newborn infants with pulmonary disorders] Haxhiu R, et al. **Plucne Bolesti** 1984 Jan-Jun;36(1-2):22-7 (Eng. Abstr.) **(Scr)**

CHEMICALLY INDUCED

Lipoid pneumonia: an occupational hazard of fire eaters. Beermann B, et al. **Br Med J [Clin Res]** 1984 Dec 22-29;289(6460):1728-9

Death due to carbamazepine self-poisoning: remedies reviewed. Denning DW, et al. **Hum Toxicol** 1985 May;4(3):255-60

Pneumonitis with pleural and pericardial effusion and neuropathy during amiodarone therapy. Clarke B, et al. **Int J Cardiol** 1985 May;8(1):81-8

[Lipid pneumonia] Berant M, et al. **Harefuah** 1984 Jun 15;106(12):568-70 (Eng. Abstr.) **(Heb)**

[Development of lung edema following endotracheal instillation of hydrochloric acid (aspiration pneumonitis model)] Akama Y. **Masui** 1984 Nov;33(11):1224-9 (Eng. Abstr.) **(Jpn)**

[Case of lipid pneumonia] Bednarski Z. **Wiad Lek** 1984 Sep 15;37(18):1433-5 (Eng. Abstr.) **(Pol)**

[Pneumonitis caused by hydrocarbons. Use of bronchio-alveolar lavage in its diagnosis (letter)] Domínguez Juncal LM, et al. **Med Clin (Barc)** 1985 Mar 23;84(11):461 **(Spa)**

DIAGNOSIS

Pulmonary aspiration of gastric contents. Woodring JH, et al. **J Ky Med Assoc** 1985 Jun;83(6):299-306

[Clinical features of acute gasoline pneumonia] Ermakov EV, et al. **Klin Med (Mosk)** 1984 Dec;62(12):91-2 **(Rus)**

DRUG THERAPY

A review of the use of corticosteroids in the management of pulmonary injuries and insults. Robertson C. **Arch Emerg Med** 1985 Jun;2(2):59-65 (49 ref.)

[Primperan during pregnancy] Saad Zoi R. **Ann Gastroenterol Hepatol (Paris)** 1985 May 28;21(2 Pt 2):21-2 (Eng. Abstr.) **(Fre)**

ETIOLOGY

An unsuspected case of lipoid pneumonia: report of a case and review of the literature. Warson F, et al. **Acta Clin Belg** 1984;39(6):368-73

Muddy lung. Noguchi M, et al. **Am J Clin Pathol** 1985 Feb;83(2):240-4

Fatal meconium aspiration syndrome occurring despite airway management considered appropriate. Davis RO, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):731-6

Upper GI function in sleeping infants. Berquist WE, et al. **Am Rev Respir Dis** 1985 May;131(5):S26-9

Common sense in statistical analyses [letter] Bourke DL. **Anesth Analg** 1985 Oct;64(10):1035-6

The incidence of aspiration in patients with tracheotomies [letter] Greenberg DJ. **Anesth Analg** 1984 Dec;63(12):1142-3

Assessment of age-related acid aspiration risk factors in pediatric, adult, and geriatric patients. Manchikanti L, et al. **Anesth Analg** 1985 Jan;64(1):11-7

Use of petroleum jelly [letter] Gold MI. **Anesthesiology** 1985 Sep;63(3):339-40

Postpartum perioperative risk of aspiration pneumonia. James CF, et al. **Anesthesiology** 1984 Dec;61(6):756-9

Fatal aspiration pneumonia caused by an esophageal foreign body. Mittelman M, et al. **Ann Emerg Med** 1985 Apr;14(4):365-7

Fine bore enteral feeding and pulmonary aspiration. Boscoe MJ, et al. **Br Med J [Clin Res]** 1984 Nov 24;289(6456):1421-2

Aspiration during induction of anaesthesia in patients with colon interposition. Gallagher JD, et al. **Can Anaesth Soc J** 1985 Jan;32(1):56-9

Pulmonary aspiration in tube-fed patients with artificial airways. Treloar DM, et al. **Heart Lung** 1984 Nov;13(6):667-71

Aspiration pneumonia--Mendelson syndrome; a review. Cunningham AJ, et al. **Ir Med J** 1984 Aug;77(8):252-5 (27 ref.)

Tracheoesophageal fistula secondary to esophageal carcinoma presenting with aspiration pneumonia. Adler L, et al. **J Natl Med Assoc** 1985 May;77(5):401-3

The relationship of thrombocytopenia to the onset of persistent pulmonary hypertension of the newborn in the meconium aspiration syndrome. Horgan MJ, et al. **NY State J Med** 1985 Jun;85(6):245-7

Neonatal aspiration syndrome due to vernix caseosa. Ohlsson A, et al. **Pediatr Radiol** 1985;15(3):193-5

Aspiration of oral contents in Parkinson's disease. A case report. Cooper RG, et al. **S Afr Med J** 1985 Aug 31;68(5):344-5

Pulmonary disease in polymyositis/dermatomyositis. Dickey BF, et al. **Semin Arthritis Rheum** 1984 Aug;14(1):60-76 (161 ref.)

[Acute pneumopathy during anesthesia caused by undiscovered inhalation of digestive juice] Garnier D, et al. **Cah Anesthesiol** 1984 Nov;32(7):563-8 **(Fre)**

[Inhalation of gastric contents and cardiac arrest during peridural anesthesia] Hemon Y, et al. **Cah Anesthesiol** 1985 Apr-May;33(3):219-21 **(Fre)**

[Bronchopulmonary lesions caused by aspiration (case reports)] Girbino G, et al. **Arch Monaldi** 1984 Jul-Aug;39(4):279-88 (Eng. Abstr.) **(Ita)**

[Mendelson's syndrome] Likhtenshteĭn AO, et al. **Anesteziol Reanimatol** 1985 Jan-Feb;(1):57-62 (33 ref.) **(Rus)**

METABOLISM

The lipid-laden alveolar macrophage as a marker of aspiration in parenchymal lung disease. Corwin RW, et al. **Am Rev Respir Dis** 1985 Sep;132(3):576-81

MORTALITY

Ergometrine and death from acid aspiration [letter] Crawford JS. **Anaesthesia** 1985 May;40(5):498-9

PATHOLOGY

Lipoid pneumonia and Mycobacterium fortuitum pulmonary infection: successful treatment with sulfisoxazole. Dixon C, et al. **Tex Med** 1985 Mar;81(3):57-60

[Cerebral anoxia with a fatal sequela caused by aspiration of a nasal tamponade] Minnigerode B. **HNO** 1984 Dec; 32(12):521-2 (Eng. Abstr.) **(Ger)**

PREVENTION & CONTROL

Pulmonary protective mechanisms in human infants. Thach BT, et al. **Am Rev Respir Dis** 1985 May;131(5):S55-8

Ranitidine prophylaxis before anaesthesia in early pregnancy. Duffy BL, et al. **Anaesth Intensive Care** 1985 Feb; 13(1):29-32

Sodium citrate pretreatment in elective cesarean section patients. Dewan DM, et al. **Anesth Analg** 1985 Jan; 64(1):34-7

Ranitidine and metoclopramide for prophylaxis of aspiration pneumonitis in elective surgery. Manchikanti L, et al. **Anesth Analg** 1984 Oct;63(10):903-10

Metoclopramide and cimetidine to reduce gastric fluid pH and volume. Rao TL, et al. **Anesth Analg** 1984 Nov; 63(11):1014-6

Emergency equipment in labor suite [letter] Boucek CD, et al. **Anesthesiology** 1984 Oct;61(4):478-9

Does metoclopramide decrease the volume of gastric contents in patients undergoing cesarean section? Cohen SE, et al. **Anesthesiology** 1984 Nov;61(5):604-7

Bicitra (sodium citrate) and metoclopramide in outpatient anesthesia for prophylaxis against aspiration pneumonitis. Manchikanti L, et al. **Anesthesiology** 1985 Oct;63(4):378-84

Safe lateral wall cuff pressure to prevent aspiration. Mehta S. **Ann R Coll Surg Engl** 1984 Nov;66(6):426-7

Protective antireflux operation with feeding gastrostomy. Experience with children. Jolley SG, et al. **Ann Surg** 1985 Jun;201(6):736-40

Intramuscular cimetidine and ranitidine as prophylaxis against gastric aspiration syndrome--a randomized double-blind study. Harris PW, et al. **Can Anaesth Soc J** 1984 Nov; 31(6):599-603

Bronchoscopy in patients with gastroparesis [letter] Givens CD Jr, et al. **Chest** 1985 Sep;88(3):482

Epiglottic reconstruction after supraglottic laryngectomy. Calcaterra TC. **Laryngoscope** 1985 Jul;95(7 Pt 1):786-9

Evaluation of ranitidine as an oral antacid in outpatient anesthesia. Manchikanti L, et al. **South Med J** 1985 Jul; 78(7):818-22

[Novaluzide and ranatidine (Zantac) in the prevention of Mendelson's syndrome in emergency anesthesia. A controlled clinical study] Kaalund-Jørgensen HO, et al. **Ugeskr Laeger** 1985 Jun 10;147(24):1937-40 (Eng. Abstr.) **(Dan)**

[Sodium citrate compared with Link as a preoperative antacid for emergency patients] Nielsen IK, et al. **Ugeskr Laeger** 1984 Oct 8;146(41):3106-8 (Eng. Abstr.) **(Dan)**

[Prevention of aspiration bronchopneumonia in the comatose patient] Toni M, et al. **Minerva Anestesiol** 1984 Dec; 50(12):647-9 (Eng. Abstr.) **(Ita)**

RADIOGRAPHY

Computed tomography in lipoid pneumonia. Joshi RR, et al. **J Comput Assist Tomogr** 1985 Jan-Feb;9(1):211-3

Radiographic plain film and CT findings in lipoid pneumonia in infants following aspiration of mineral oil used in the treatment of partial small bowel obstruction by Ascaris lumbricoides. de Oliveira GA, et al. **Pediatr Radiol** 1985; 15(3):157-60

RADIONUCLIDE IMAGING

A simple radio-isotopic method for the detection of bronchial inhalation during intensive care. Venot J, et al. **Eur J Nucl Med** 1984;9(8):343-4

SURGERY

Modified tracheoesophageal diversion for chronic aspiration. Krespi YP, et al. **Laryngoscope** 1984 Oct;94(10):1298-301

THERAPY

Lateral positioning with differential lung ventilation and unilateral PEEP following unilateral acid aspiration in the dog. East TD, et al. **Acta Anaesthesiol Scand** 1984 Oct; 28(5):529-34

Conventional vs high-frequency jet ventilation in a piglet model of meconium aspiration: comparison of pulmonary and hemodynamic effects. Trindade O, et al. **J Pediatr** 1985 Jul;107(1):115-20

Short-term asynchronous ventilation and differential positive end-expiratory pressure in the treatment of aspiration pneumonia. A case report. van Renen RG, et al. **S Afr Med J** 1985 Jan 19;67(3):96-8

[Nasal cannula, a simple, not very cumbersome, and efficacious means to induce a positive expiratory pressure in neonatology] Mettey R, et al. **Med Trop (Mars)** 1985 Jan-Mar;45(1):87-90 (Eng. Abstr.) **(Fre)**

[Collecting end-expiratory air for capnography in high-frequency jet ventilation] Rockemann MG, et al. **Anasth Intensivther Notfallmed** 1985 Apr;20(2):95-7 (Eng. Abstr.) **(Ger)**

VETERINARY

Aspiration pneumonia with adenovirus infection in a Japanese macaque (Macaca fuscata fuscata). Umemura T, et al. **Lab Anim** 1985 Jan;19(1):39-41

Disseminated intravascular coagulation associated with inhalation pneumonitis in a scimitar-horned oryx (Oryx tao). Pearce PC, et al. **Vet Rec** 1985 Feb 16;116(7):189-90

PNEUMONIA, EOSINOPHILIC see **PULMONARY EOSINOPHILIA**

PNEUMONIA, INTERSTITIAL see **PULMONARY FIBROSIS**

PNEUMONIA, INTERSTITIAL PLASMA CELL see **PNEUMONIA, PNEUMOCYSTIS CARINII**

PNEUMONIA, LIPID see under **PNEUMONIA, ASPIRATION**

PNEUMONIA, LOBAR

Neonatal infections with Streptococcus pneumoniae. Bergqvist G, et al. **Scand J Infect Dis** 1985;17(1):33-5

COMPLICATIONS

Pneumococcal pneumonia with bacteraemia. Banks RA, et al. **Br J Dis Chest** 1984 Oct;78(4):352-7

The Schwartz-Bartter syndrome in patients admitted to a general surgical unit following trauma. Jones DG. **Injury** 1985 May;16(6):413-4

Hemolytic-uremic syndrome and T-cryptantigen exposure by neuraminidase-producing pneumococci: an emerging problem? Novak RW, et al. **Pediatr Pathol** 1983 Oct-Dec; 1(4):409-13

[Acute glomerulonephritis following pneumococcal pneumonia] Buskila D, et al. **Harefuah** 1985 Feb 15; 108(4):192-3 (Eng. Abstr.) **(Heb)**

[Bronchospastic syndrome in acute pneumonia] Iakovlev VN, et al. **Sov Med** 1984;(8):72-5 **(Rus)**

CONGENITAL

[Neonatal sepsis, meningitis and lobar pneumonia due to Streptococcus pneumoniae] Weizer S, et al. **Harefuah** 1985 Apr 1;108(7):347-8 (Eng. Abstr.) **(Heb)**

DIAGNOSIS

Bacteremic pneumococcal pneumonia in the elderly. Murphy TF, et al. **Am J Med Sci** 1984 Oct;288(3):114-8

Detection of C polysaccharide in Streptococcus pneumoniae in the sputa of pneumonia patients by an enzyme-linked immunosorbent assay. Holmberg H, et al. **J Clin Microbiol** 1985 Jul;22(1):111-5

Laboratory diagnosis of Streptococcus pneumoniae pneumonia [letter] Palmer DL. **J Infect Dis** 1985 Feb; 151(2):378

For completeness' sake. Coulehan JL. **Pa Med** 1985 Feb; 88(2):28

Pleural empyema. Nelson JD. **Pediatr Infect Dis** 1985 May-Jun;4(3 Suppl):S31-3

[Sarcoidous pneumonia] Karachunskii MA, et al. **Probl Tuberk** 1985;(1):69-70 **(Rus)**

DRUG THERAPY

Bacteremic pneumococcal pneumonia: relationship of initial antimicrobial therapy to outcome. Burke MQ, et al. **J SC Med Assoc** 1985 May;81(5):285-90

ENZYMOLOGY

Pulmonary elastase activity in response to Streptococcus pneumoniae and Pseudomonas aeruginosa. Melby K, et al. **Am Rev Respir Dis** 1985 Apr;131(4):559-63

ETIOLOGY

Lobar pneumonia caused by Haemophilus influenzae type B. Ashworth M, et al. **Br J Dis Chest** 1985 Jan;79(1):95-7

[Secondary pneumonia--an old and new problem] Gogin EE. **Ter Arkh** 1985;57(5):20-3 **(Rus)**

IMMUNOLOGY

Aspirin impairs antibacterial mechanisms in experimental pneumococcal pneumonia. Esposito AL. **Am Rev Respir Dis** 1984 Nov;130(5):857-62

Digoxin disrupts the inflammatory response in experimental pneumococcal pneumonia. Esposito AL. **J Infect Dis** 1985 Jul;152(1):14-23

Antibody response against the type specific capsular polysaccharide in pneumococcal pneumonia measured by enzyme linked immunosorbent assay. Kalin M, et al. **Scand J Infect Dis** 1985;17(1):2[illegible]-32

Persistence of pneumococcal antigens in sputum after treatment of pneumonia. Telenti A, et al. **Scand J Infect Dis** 1984;16(3):323-4

MICROBIOLOGY

Pneumococcal pneumonia and septicemia resulting from a nontypable strain of pneumococcus. Gross J, et al. **J Am Geriatr Soc** 1985 Feb;33(2):153

Pneumococcal serotyping and antigen detection in pneumococcal pneumonia of adults. Morgan AD, et al. **J Infect** 1984 Sep;9(2):134-8

MORTALITY

Bacteremic pneumococcal pneumonia [letter] Gruer LD. **Arch Intern Med** 1985 Feb;145(2):371-2

OCCURRENCE

Etiology of community-acquired pneumonia in patients requiring hospitalization. Berntsson E, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):268-72

Community-acquired pneumonia due to penicillin-resistant pneumococci. Feldman C, et al. **N Engl J Med** 1985 Sep 5;313(10):615-7

Type 8 pneumococcal pneumonia: an outbreak on an oncology ward. Berk SL, et al. **South Med J** 1985 Feb; 78(2):159-61

[Clinical laboratory characteristics of croupous pneumonia in recent years (based on data from the N. I. Pirogov Institute (RNPISMP) for 1980-1984)] Popliev I, et al. **Vutr Boles** 1985;24(3):88-94 (Eng. Abstr.) **(Bul)**

[Community-acquired pneumonias: importance of pneumococcal pathology] Glauser MP, et al. **Schweiz Med Wochenschr** 1985 Jan 19;115(3):70-5 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Transbronchial needle aspiration in the diagnosis of pneumonia in a canine model. Shure D, et al. **Am Rev Respir Dis** 1985 Feb;131(2):290-1

[Chronic anemia, pneumococcal pneumonia, shock and death (clinical conference)] **Medicina (B Aires)** 1984;44(2):183-9 **(Spa)**

PREVENTION & CONTROL

Aztreonam in patients with acute purulent exacerbations of chronic bronchitis: failure to prevent emergence of pneumococcal infections. Davies BI, et al. **J Antimicrob Chemother** 1985 Mar;15(3):375-84

THERAPY

Prolonged sedation and paralysis in a pregnant patient. Delivery of an infant with a normal Apgar score. Thomas D, et al. **Anaesthesia** 1985 May;40(5):465-7

Treatment of bacterial pneumonia [letter] Marks MI. **Pediatr Infect Dis** 1985 Mar-Apr;4(2):213

[Clinical aspects of massive pneumonia and possibilities of its intensive treatment in a pediatric hospital] Malakhovskii IuE, et al. **Pediatriia** 1985 Feb;(2):55-60 **(Rus)**

[Immunostimulators in the complex treatment of acute pneumonia] Men'kov NV. **Sov Med** 1985;(3):85-8 **(Rus)**

VETERINARY

Hypertrophic osteopathy associated with a bronchial foreign body and lobar pneumonia in a dog. Caywood DD, et al. **J Am Vet Med Assoc** 1985 Apr 1;186(7):698-700

PNEUMONIA, MYCOPLASMA

Mycoplasmas: their role in pediatric disease. Azimi PH, et al. **Curr Probl Pediatr** 1984 Aug;14(8):1-46 (132 ref.)

Bilateral sensorineural deafness associated with Mycoplasma pneumoniae infection: the first case report. Nishioka K, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):585-9

[Atypical pneumonias--mycoplasmas, rickettsias, chlamydias, viruses] Alexander M. **Internist (Berlin)** 1985 Jun;26(6):341-6 (33 ref.) **(Ger)**

BLOOD

Mycoplasma pneumoniae--stimulation of lymphocytes obtained from adenoid vegetations and blood in children with and without serological evidence of Mycoplasma pneumoniae infection. Mogensen HH, et al. **Acta Pathol Microbiol Immunol Scand** [C] 1984 Oct; 92(5):313-7

Acquired Pelger-Huet anomaly associated with Mycoplasma pneumoniae pneumonia. van Hook L, et al. **Am J Clin Pathol** 1985 Aug;84(2):248-51

COMPLICATIONS

Mycoplasmal pneumonia associated with mesangiocapillary glomerulonephritis type II (dense deposit disease). Von Bonsdorff M, et al. **Acta Med Scand** 1984;216(4):427-9

Chronic interstitial pulmonary fibrosis following Mycoplasma pneumoniae pneumonia. Tablan OC, et al. **Am J Med** 1985 Aug;79(2):268-70

Neurological complications of Mycoplasma pneumoniae infection. Hely MA, et al. **Clin Exp Neurol** 1984;20:153-60

Bilateral facial nerve paralysis associated with Mycoplasma pneumonia infection. Ernster JA. **Ear Nose Throat J** 1984 Dec;63(12):585-90

A medical student who treated himself. Turck M. **Hosp Pract [Off]** 1985 Jul 15;20(7):49, 55

Mycoplasma pneumoniae-induced hydrocephalus in hamsters. Kohn DF, et al. **Infect Immun** 1984 Nov;46(2):619-24

Pityriasis rosea Gibert and Mycoplasma pneumoniae infection. Ishibashi A, et al. **J Dermatol (Tokyo)** 1985 Feb;12(1):97-100

Pneumonia and meningoencephalitis in a female adolescent. Case report. Wright RA, et al. **Mo Med** 1984 Oct;81(10):660-1, 666

Acute fulminant toxic encephalopathy associated with Mycoplasma pneumoniae infection. Novelli VM, et al. **Pediatr Infect Dis** 1985 Jul-Aug;4(4):413-5

Optic disc swelling and Mycoplasma pneumoniae [letter] Novelli VM, et al. **Pediatr Infect Dis** 1984 Nov-Dec;3(6):597

Is Mycoplasma pneumoniae a precipitating factor in acute severe asthma in children? Leaver R, et al. **S Afr Med J** 1985 Jul 20;68(2):78-9

Secondary bacterial infections in children with proved Mycoplasma pneumoniae. Staugas R, et al. **Thorax** 1985 Jul;40(7):546-8

[Membranoproliferative glomerulonephritis and Mycoplasma pneumoniae infection] Cochat P, et al. **Arch Fr Pediatr** 1985 Jan;42(1):29-31 (Eng. Abstr.) **(Fre)**

[Mycoplasma pneumoniae infection. Manifestation in a 3-year-old child by Raynaud's phenomenon] Furioli J, et al. **Arch Fr Pediatr** 1985 Apr;42(4):313-4 (Eng. Abstr.) **(Fre)**

[Brainstem encephalitis and vesicular exanthema caused by Mycoplasma pneumoniae] Gerber AC, et al. **Schweiz Med Wochenschr** 1984 Aug 7;114(31-32):1100-2 (Eng. Abstr.) **(Ger)**

[Development of lung tumors in Syrian hamsters with a mixed Mycoplasma pneumoniae and influenza virus infection] Bezuglova TV, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):476-7 (Eng. Abstr.) **(Rus)**

[Extrarespiratory manifestations of Mycoplasma pneumoniae infection] Ruiz Contreras J, et al. **An Esp Pediatr** 1984 Aug;21(2):141-6 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Otolaryngic manifestations of mycoplasma pneumonia infections. Anderson CW. **Ear Nose Throat J** 1984 Sep;63(9):444-6

Adherence inhibition assay: a specific serological test for detection of antibodies to Mycoplasma pneumoniae. Jacobs E, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):113-8

Laboratory diagnosis of mycoplasma infections. Senterfit LB. **Isr J Med Sci** 1984 Oct;20(10):905-7

A micro-capture ELISA for detecting Mycoplasma pneumoniae IgM: comparison with indirect immunofluorescence and indirect ELISA. Wreghitt TG, et al. **J Hyg (Lond)** 1985 Apr;94(2):217-27

[Serodiagnosis of infections due to Mycoplasma pneumoniae and its clinical application] Cao YP. **Chung Hua Nei Ko Tsa Chih** 1984 Sep;23(9):540-3 (Eng. Abstr.) **(Chi)**

[Diagnosis of Mycoplasma pneumoniae infection in chronic respiratory tract diseases] Majkowska-Przybył M, et al. **Pneumonol Pol** 1984 Nov-Dec;52(11-12):539-42 (Eng. Abstr.) **(Pol)**

[Clinical picture of Mycoplasma pneumoniae infection in patients with chronic respiratory tract diseases] Majkowska-Przybył M, et al. **Pneumonol Pol** 1984 Nov-Dec;52(11-12):543-7 (Eng. Abstr.) **(Pol)**

[Clinico-reontgenological diagnosis of pulmonary mycoplasmosis] Kniazeva LD, et al. **Sov Med** 1984;(7):93-6 **(Rus)**

DRUG THERAPY

Mycoplasmal pneumonia. Three severe cases of a common infection. Harris LF, et al. **Postgrad Med** 1984 Nov 1;76(6):71-2, 75, 78 passim

IMMUNOLOGY

Mycoplasma pneumoniae induces cytotoxic activity in guinea pig bronchoalveolar cells. Kist M, et al. **Am Rev Respir Dis** 1985 Jun;131(6):869-74

Circulating immune complexes in patients with mycoplasmal pneumonia. Mizutani H, et al. **Am Rev Respir Dis** 1984 Oct;130(4):627-9

Nonspecific lymphocyte responses in F344 and LEW rats: susceptibility to murine respiratory mycoplasmosis and examination of cellular basis for strain differences. Davis JK, et al. **Infect Immun** 1985 Jul;49(1):152-8

Mycoplasma pneumoniae protein involved in the antibody response in human infection. Räisänen S, et al. **J Clin Pathol** 1984 Oct;37(10):1129-33

Determination of antibody to Mycoplasma pneumoniae by enzyme-linked immunosorbent assay II. Serum antibody in patients with Mycoplasma pneumoniae infections. Miyaji T. **Sci Rep Res Inst Tohoku Univ [Med]** 1984 Oct;31(1-4):13-26

[Asthma and infection. Part 2. Immunoglobulin E response during mycoplasma pneumoniae infections] Nagayama Y, et al. **Arerugi** 1984 Oct;33(10):884-94 (Eng. Abstr.) **(Jpn)**

[Serum immunoglobulin in Mycoplasma pneumoniae infection] Baizhomartov MS, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):68-72 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Respiratory viruses and Mycoplasma pneumoniae infections at the time of the acute exacerbation of chronic otitis media. Sugiyama M, et al. **Auris Nasus Larynx** 1984;11(3):139-47

Human ciliated epithelial cells from nasal polyps as an experimental model for Mycoplasma pneumoniae infection. Almagor M, et al. **Infect Immun** 1985 May;48(2):552-5

Effect of monoclonal antibodies to the attachment-tip on experimental Mycoplasma pneumoniae infection of hamsters. A preliminary report. Brunner H, et al. **Isr J Med Sci** 1984 Sep;20(9):878-81

Acute respiratory tract infections of children in hospital: a viral and Mycoplasma pneumoniae profile. Jennings LC, et al. **NZ Med J** 1985 Jul 24;98(783):582-5

OCCURRENCE

Etiology of community-acquired pneumonia in patients requiring hospitalization. Berntsson E, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):268-72

[Mycoplasma pneumoniae: prevalence of complement-fixing antibodies in a control group from an urban area] Cour MI, et al. **Rev Clin Esp** 1985 Apr;176(6):289-91 (Eng. Abstr.) **(Spa)**

PATHOLOGY

[Pathologic anatomy and mechanism of brain tissue damage in Mycoplasma infection based on a case report] Weiser G, et al. **Wien Klin Wochenschr** 1985 Apr 26;97(9):421-5 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Mycoplasma pneumoniae: acute illness, antibiotics, and subsequent pulmonary function. Sabato AR, et al. **Arch Dis Child** 1984 Nov;59(11):1034-7

PREVENTION & CONTROL

Immunization against Mycoplasma pneumoniae disease: a review. Barile MF. **Isr J Med Sci** 1984 Oct;20(10):912-5 (30 ref.)

RADIOGRAPHY

Mycoplasma pneumonia: presentation as a mediastinal mass. Demos TC, et al. **AJR** 1984 Nov;143(5):981-2

[Radiologic study of pulmonary pathology caused by Mycoplasma in childhood] Tani G, et al. **Radiol Med (Torino)** 1984 Sep;70(9):633-4 **(Ita)**

[Roentgenologic criteria for changes in the lungs in mycoplasmosis in children] Zhakova II, et al. **Pediatriia** 1985 Mar;(3):51-3 **(Rus)**

TRANSMISSION

Point-source outbreak of Mycoplasma pneumoniae infection in a family unit. Khatib R, et al. **J Infect Dis** 1985 Jan;151(1):186-7

VETERINARY

Characteristics of protective activity of Mycoplasma hyopneumoniae vaccine. Ross RF, et al. **Am J Vet Res** 1984 Oct;45(10):1899-905

Mycoplasma hyopneumoniae infection in pigs immunosuppressed by thymectomy and treatment with antithymocyte serum. Tajima M, et al. **Am J Vet Res** 1984 Oct;45(10):1928-32

Mastitis in cows and polyarthritis and pneumonia in calves caused by Mycoplasma species bovine group 7. Alexander PG, et al. **Aust Vet J** 1985 Apr;62(4):135-6

An abattoir survey of the prevalence of lesions of enzootic pneumonia of pigs in South Australia. Pointon AM, et al. **Aust Vet J** 1984 Dec;61(12):408-9

Effect of enzootic pneumonia of pigs on growth performance. Pointon AM, et al. **Aust Vet J** 1985 Jan;62(1):13-8

Characterization of mycoplasmas isolated from pneumonic sheep lungs in Sudan. Elmahi M, et al. **Br Vet J** 1985 Jan-Feb;141(1):82-3

Evaluation of criteria for the postmortem diagnosis of mycoplasmal pneumonia of swine. Armstrong CH, et al. **Can J Comp Med** 1984 Jul;48(3):278-81

Improvement of complement fixation test antigen for the diagnosis of Mycoplasma hyopneumoniae infection. Mori Y, et al. **Natl Inst Anim Health Q (Tokyo)** 1983 Winter;23(4):111-6

Apparent reinfection of enzootic-pneumonia-free pig herds: search for possible causes. Goodwin RF. **Vet Rec** 1985 Jun 29;116(26):690-4

PNEUMONIA, PNEUMOCOCCAL see **PNEUMONIA, LOBAR**

PNEUMONIA, PNEUMOCYSTIS CARINII

Acute respiratory failure due to Pneumocystis carinii pneumonia: clinical, radiographic, and pathologic course. Suffredini AF, et al. **Crit Care Med** 1985 Apr;13(4):237-43

Pneumocystis carinii pneumonia. Macfarlane JT, et al. **Thorax** 1985 Aug;40(8):561-70 (93 ref.)

[Pneumocystis carinii pneumonia: a review] Jia J. **Chung Hua Nei Ko Tsa Chih** 1985 Mar;24(3):177-9 (10 ref.) **(Chi)**

[Pneumocystis carinii pneumonia in children. Apropos of 33 cases] Excler JL, et al. **Pediatrie** 1984 Oct-Dec;39(7):513-23 (Eng. Abstr.) **(Fre)**

[Pneumocystis carinii pneumonia] Szabados A, et al. **Internist (Berlin)** 1985 Jun;26(6):335-40 (31 ref.) **(Ger)**

CHEMICALLY INDUCED

Lymphocyte changes during chronic administration of and withdrawal from corticosteroids: relation to Pneumocystis carinii pneumonia. Walzer PD, et al. **J Immunol** 1984 Nov;133(5):2502-8

COMPLICATIONS

Clinical features of Pneumocystis pneumonia in the acquired immune deficiency syndrome. Engelberg LA, et al. **Am Rev Respir Dis** 1984 Oct;130(4):689-94

Cytomegalovirus infection or disease [letter] Golden JA. **Ann Intern Med** 1984 Dec;101(6):882-3

Infections due to Pneumocystis carinii and Mycobacterium avium-intracellulare in patients with acquired immune deficiency syndrome. Shelhamer JH, et al. **Ann NY Acad Sci** 1984;437:394-9

A 39-year-old man with thrombocytopenia, cough, fever, and shaking chills [clinical conference] **NY State J Med** 1985 Jan;85(1):27-33

[Pneumonia due to Pneumocystis carinii in AIDS patients] Pereira VG, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 May-Jun;39(3):123-5 (Eng. Abstr.) **(Por)**

[Pneumocystosis in a pregnant patient complicated by transplacental infection and intrauterine fetal death] Kurennaia SS, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):72-3 **(Rus)**

DIAGNOSIS

Comparison of biopsy-proven Pneumocystis carinii pneumonia in acquired immune deficiency syndrome patients and renal allograft recipients. Sterling RP, et al. **Ann Thorac Surg** 1984 Nov;38(5):494-9

Granulomatous pneumocystosis presenting as a solitary pulmonary nodule. Hartz JW, et al. **Arch Pathol Lab Med** 1985 May;109(5):466-9

The pulmonary complications of AIDS. Evaluating the tests [editorial] Glassroth J. **Chest** 1985 May;87(5):562-3

Pneumocystis carinii pneumonia in the acquired immunodeficiency syndrome (AIDS). Diagnosis with bronchial brushings, biopsy, and bronchoalveolar lavage. Hartman B, et al. **Chest** 1985 May;87(5):603-7

Serodiagnosis of Pneumocystis carinii [letter] Pifer LL. **Chest** 1985 May;87(5):698-700

Role of bronchial brush biopsy in AIDS with Pneumocystis carinii pneumonia [letter] Sarkar TK, et al. **Chest** 1985 Apr;87(4):553-4

Pneumocystis--an orphan organism? [editorial] **Lancet** 1985 Mar 23;1(8430):676-7

Repeat investigations in Pneumocystis pneumonia [letter] Swinburn CR, et al. **Lancet** 1985 Apr 27;1(8435):987-8

Diagnosis of Pneumocystis carinii pneumonia in pediatric patients using bronchoscopic bronchoalveolar lavage. Leigh MW, et al. **Pediatr Infect Dis** 1985 Jul-Aug;4(4):408-10

A reliable silver staining method for identification of Pneumocystis carinii in histologic sections. Senba M. **Tohoku J Exp Med** 1984 Aug;143(4):397-404

[Pneumocystis infection--a clinical and diagnostic dilemma] Bergquist R, et al. **Lakartidningen** 1985 Apr 10;82(15):1365-8 **(Swe)**

DRUG THERAPY

Treatment of Pneumocystis carinii pneumonitis. A comparative trial of sulfamethoxazole-trimethoprim v pentamidine in pediatric patients with cancer: report from the Children's Cancer Study Group. Siegel SE, et al. **Am J Dis Child** 1984 Nov;138(11):1051-4

Persistence of Pneumocystis carinii in lung tissue of acquired immunodeficiency syndrome patients treated for pneumocystis pneumonia. Shelhamer JH, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1161-5

Efficacy of diaminodiphenylsulfone and other drugs in murine Pneumocystis carinii pneumonitis. Hughes WT, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):436-40

The treatment of Pneumocystis carinii pneumonia in the acquired immunodeficiency syndrome. Small CB, et al. **Arch Intern Med** 1985 May;145(5):837-40

Pneumocystis carinii pneumonia in the acquired immune deficiency syndrome: response to inadvertent steroid therapy. MacFadden DK, et al. **Can Med Assoc J** 1985 May 15;132(10):1161-3

Persistence of Pneumocystis carinii pneumonia in the acquired immunodeficiency syndrome. Evaluation of therapy by follow-up transbronchial lung biopsy. DeLorenzo LJ, et al. **Chest** 1985 Jul;88(1):79-83

Persistence of pneumocystis [editorial] Hughes WT. **Chest** 1985 Jul;88(1):4-5

Pentamidine isethionate approved for P. carinii pneumonia.

FDA Drug Bull 1984 Dec;14(3):25-6

Efficacy of tetroxoprim/sulphadiazine in the treatment of Pneumocystis carinii pneumonitis in rats. Hussain Z, et al. **J Antimicrob Chemother** 1985 May;15(5):575-8

Pneumocystis pneumonia: response to corticosteroids [letter] Foltzer MA, et al. **JAMA** 1985 Feb 15;253(7):979

Successful treatment of Pneumocystis carinii pneumonia with trimethoprim-sulfamethoxazole in hypersensitive AIDS patients [letter] Gibbons RB, et al. **JAMA** 1985 Mar 1; 253(9):1259-60

Difluoromethylornithine for Pneumocystis carinii? [letter] Tyms AS. **Lancet** 1985 Apr 27;1(8435):988

Pentamidine for Pneumocystis carinii pneumonia. **Med Lett Drugs Ther** 1985 Jan 18;27(679):6-7

Successful treatment of lethal protozoal infections with the ornithine decarboxylase inhibitor, alpha-difluoromethylornithine. Sjoerdsma A, et al. **Trans Assoc Am Physicians** 1984;97:70-9

Pneumocystis carinii pneumonia treated with alpha-difluoromethylornithine. A prospective study among patients with the acquired immunodeficiency syndrome. Golden JA, et al. **West J Med** 1984 Nov;141(5):613-23

ETIOLOGY

Pneumocystis carinii pneumonia. Wofsy CB. **Front Radiat Ther Oncol** 1985;19:74-81 (17 ref.)

Thoracic manifestations of the acquired immune deficiency syndrome. Pass HI, et al. **J Thorac Cardiovasc Surg** 1984 Nov;88(5 Pt 1):654-8

Possible risk of steroid administration in patients at risk for AIDS [letter] Shafer RW, et al. **Lancet** 1985 Apr 20; 1(8434):934-5

Cyclosporin A and Pneumocystis pneumonia [letter] Markus MB. **Med J Aust** 1985 Jul 22;143(2):91

[Fatal pulmonary pneumocystosis 2 years after multiple transfusions (letter)] Offenstadt G, et al. **Presse Med** 1984 Nov 3;13(39):2388-9 **(Fre)**

[Pneumocystis carinii diffuse alveolo-interstitial pneumopathy and Legionella pneumophila infection in an immunosuppressed child (letter)] Sardet A, et al. **Presse Med** 1984 Nov 10;13(40):2454 **(Fre)**

[A case of pneumocystis carinii pneumonia after chemotherapy of bladder tumor] Ikeuchi H, et al. **Hinyokika Kiyo** 1985 Feb;31(2):309-13 (Eng. Abstr.) **(Jpn)**

[Two cases of adult T cell leukemia complicated with Pneumocystis carinii pneumonia] Yamaguchi Y, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1686-91 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

Pneumocystis carinii infection in germ-free rats: implications for human patients. Pifer LL, et al. **Diagn Microbiol Infect Dis** 1984 Jan;2(1):23-36

Clinical relevance of animal models of Pneumocystis carinii pneumonia. Walzer PD, et al. **Diagn Microbiol Infect Dis** 1984 Jan;2(1):1-6

Assay of plaque forming cells during infection with Pneumocystis carinii. Vohra H, et al. **Indian J Med Res** 1984 May;79:604-9

Cellular and humoral immune responses of mice subclinically infected with Pneumocystis carinii. Furuta T, et al. **Infect Immun** 1985 Feb;47(2):544-8

Predisposing factors in Pneumocystis carinii pneumonia: effects of tetracycline, protein malnutrition, and corticosteroids on hosts. Walzer PD, et al. **Infect Immun** 1984 Dec;46(3):747-53

Detection of antibodies to Pneumocystis carinii by enzyme-linked immunosorbent assay in experimentally infected mice. Furuta T, et al. **J Parasitol** 1985 Aug; 71(4):522-3

MICROBIOLOGY

Fluorescence of Pneumocystis carinii in papanicolaou smears. Ghali VS, et al. **Hum Pathol** 1984 Oct;15(10):907-9

OCCURRENCE

AIDS and parasitic infections, including Pneumocystis carinii and cryptosporidiosis. Berkowitz CD. **Pediatr Clin North Am** 1985 Aug;32(4):933-52 (101 ref.)

PARASITOLOGY

'Pneumocystis carinii'--a misunderstood enigma [letter] Beautyman W. **Eur J Clin Microbiol** 1984 Dec;3(6):570-2

Comparison of processing techniques for detection of Pneumocystis carinii cysts in open-lung biopsy specimens. Gay JD, et al. **J Clin Microbiol** 1985 Feb;21(2):150-1

PATHOLOGY

Ultrastructural observations of Pneumocystis carinii attachment to rat lung. Henshaw NG, et al. **J Infect Dis** 1985 Jan;151(1):181-6

Study of Pneumocystis carinii infection in paediatric autopsies (report of 3 cases). Sane SY. **J Postgrad Med** 1984 Apr;30(2):121-4

[Pulmonary pneumocystosis in an adult patient] Samsonov VA, et al. **Arkh Patol** 1985;47(2):71-2 (Eng. Abstr.) **(Rus)**

[Pathology review. Pneumocystis carinii pneumonia] Castillo M. **Bol Asoc Med PR** 1983 Jul;75(7):300-1 **(Spa)**

PHYSIOPATHOLOGY

Pneumocystis carinii pneumonia [letter] **Ann Intern Med** 1985 Jan;102(1):137-8

Respiratory and pulmonary alterations in experimental Pneumocystis carinii pneumonia in rats. Brun-Pascaud M, et al. **Bull Eur Physiopathol Respir** 1985 Jan-Feb; 21(1):37-41

PREVENTION & CONTROL

Adverse reactions associated with pyrimethamine-sulfadoxine prophylaxis for Pneumocystis carinii infections in AIDS [letter] Navin TR, et al. **Lancet** 1985 Jun 8;1(8441):1332

RADIOGRAPHY

Correlation between gallium lung scans and fiberoptic bronchoscopy in patients with suspected Pneumocystis carinii pneumonia and the acquired immune deficiency syndrome. Coleman DL, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1166-9

Atypical infections and Kaposi's sarcoma in AIDS--radiographic findings. Federle MP. **Front Radiat Ther Oncol** 1985;19:117-22

RADIONUCLIDE IMAGING

Diagnostic value of pulmonary gallium 67 scanning in the diagnosis of Pneumocystis carinii pneumonia in an immunocompromised patient with unexplained fever and hypoxemia. Poorsatter A, et al. **Milit Med** 1985 Jul; 150(7):363-7

Pneumocystis carinii pneumonia studied by gallium-67 scanning. Barron TF, et al. **Radiology** 1985 Mar; 154(3):791-3

VETERINARY

Occurrence of Pneumocystis carinii in animals in Japan. Shimizu A, et al. **Nippon Juigaku Zasshi** 1985 Apr; 47(2):309-11

PNEUMONIA, PROGRESSIVE INTERSTITIAL, OF SHEEP

COMPLICATIONS

Experimental infection of a natural case of sheep pulmonary adenomatosis with maedi-visna virus. Dawson M, et al. **Vet Rec** 1985 Jun 1;116(22):588-9

ETIOLOGY

Lentiviral diseases of sheep and goats: chronic pneumonia leukoencephalomyelitis and arthritis. Narayan O, et al. **Rev Infect Dis** 1985 Jan-Feb;7(1):89-98 (58 ref.)

IMMUNOLOGY

Precipitating antibodies in experimental visna and natural progressive pneumonia of sheep. Klein JR, et al. **Res Vet Sci** 1985 Mar;38(2):129-33

Ovine interleukin-2: partial purification and assay in normal sheep and sheep with ovine progressive pneumonia. Ellis JA, et al. **Vet Immunol Immunopathol** 1985 Jan;8(1-2):15-25

Evidence of decreased concanavalin A induced suppressor cell activity in the peripheral blood and pulmonary lymph nodes of sheep with ovine progressive pneumonia. Ellis JA, et al. **Vet Immunol Immunopathol** 1985 Jan; 8(1-2):93-106

MICROBIOLOGY

Highly lytic and persistent lentiviruses naturally present in sheep with progressive pneumonia are genetically distinct. Quérat G, et al. **J Virol** 1984 Nov;52(2):672-9

Slow virus-macrophage interactions. Characterization of a transformed cell line of sheep alveolar macrophages that express a marker for susceptibility to ovine-caprine lentivirus infections. Gendelman HE, et al. **Lab Invest** 1984 Nov;51(5):547-55

Cross neutralization of maedi-visna virus strains. Hyllseth B, et al. **Zentralbl Veterinarmed [B]** 1984 Dec;31(10):755-9

OCCURRENCE

Maedi-visna virus infection in commercial flocks of indigenous sheep in Britain. Pritchard GC, et al. **Vet Rec** 1984 Oct 27;115(17):427-9

Maedi-visna in indigenous sheep [letter] Pritchard GC, et al. **Vet Rec** 1984 Nov 24;115(21):555

PATHOLOGY

Arthritis associated with ovine progressive pneumonia. Cutlip RC, et al. **Am J Vet Res** 1985 Jan;46(1):65-8

Vasculitis associated with ovine progressive pneumonia virus infection in sheep. Cutlip RC, et al. **Am J Vet Res** 1985 Jan;46(1):61-4

Firm udder in periparturient ewes with lymphocytic accumulations, retrovirus infection, and milk unavailable at the teat. Anderson BC, et al. **J Am Vet Med Assoc** 1985 Feb 15;186(4):391-3

Experimental visna in Icelandic sheep: the prototype lentiviral infection. Nathanson N, et al. **Rev Infect Dis** 1985 Jan-Feb;7(1):75-82 (39 ref.)

Immunomorphologic and morphometric changes in pulmonary lymph nodes of sheep with progressive pneumonia. Ellis JA, et al. **Vet Pathol** 1985 Jan;22(1):32-41

PREVENTION & CONTROL

Maedi-visna control in sheep II. Half-yearly serological testing with culling of positive ewes and progeny. Houwers DJ, et al. **Vet Microbiol** 1984 Sep;9(5):445-51

Sheep disease control strategies [letter] Done JT. **Vet Rec** 1984 Dec 1;115(22):582

TRANSMISSION

The spread of maedi-visna virus [editorial] **Vet Rec** 1984 Oct 27;115(17):421

PNEUMONIA, RICKETTSIAL

[Atypical pneumonias--mycoplasmas, rickettsias, chlamydias, viruses] Alexander M. **Internist (Berlin)** 1985 Jun;26(6):341-6 (33 ref.) **(Ger)**

COMPLICATIONS

[Case of Chlamydia trachomatis pneumonia associated with respiratory syncytial (RS) virus bronchiolitis] Numazaki K, et al. **Kansenshogaku Zasshi** 1984 Jan;58(1):60-5 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

[Severe Chlamydia psittaci pneumopathy in an adult] Manoury B, et al. **Ann Fr Anesth Reanim** 1984;3(6):456-7 (Eng. Abstr.) **(Fre)**

RADIOGRAPHY

The radiographic features of epidemic and sporadic Q fever pneumonia. Gordon JD, et al. **J Can Assoc Radiol** 1984 Sep;35(3):293-6

Psittacosis pneumonia with cavitation [letter] Halle A, et al. **NY State J Med** 1984 Sep;84(9):443

TRANSMISSION

[Neonatal pneumonia caused by Chlamydia trachomatis] Szirmai Z, et al. **Orv Hetil** 1985 Apr 28;126(17):1027-30 (Eng. Abstr.) **(Hun)**

PNEUMONIA, STAPHYLOCOCCAL

[Staphylococcal pneumonia : a review of 18 cases at Tygerberg Hospital] Roos JS. **S Afr Med J** 1984 Nov 3; 66(18):685-7 (Eng. Abstr.) **(Afr)**

BLOOD

[Clinico-biochemical characteristics of acute pneumonia in young children living in a tropical climate] Abdullaeva MN. **Pediatriia** 1984 Aug;(8):38-9 **(Rus)**

[Rheological properties of the blood in suppurative and septic diseases of young infants] Smiian IS, et al. **Pediatriia** 1985 Apr;(4):25-7 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Multiple staphylococcal pneumatoceles in an adult. Olutola PS, et al. **Diagn Imag Clin Med** 1984;53(6):306-9

Fulminant pneumonia caused by concomitant infection with influenza B virus and Staphylococcus aureus. Connor E, et al. **J Pediatr** 1985 Mar;106(3):447-50

DIAGNOSIS

Staphylococcal pneumonia in pediatric practice. Simon MW, et al. **J Ky Med Assoc** 1984 Sep;82(9):458-60

Pleural empyema. Nelson JD. **Pediatr Infect Dis** 1985 May-Jun;4(3 Suppl):S31-3

DRUG THERAPY

[Staphylococcal pneumonia--report of 60 cases] Liu BK. **Chung Hua Nei Ko Tsa Chih** 1984 Sep;23(9):544-7 (Eng. Abstr.) **(Chi)**

[Effect of vitamin E in children with life-threatening acute suppurative destructive pneumonia] Granova LN, et al. **Pediatriia** 1984 Aug;(8):33-6 (Eng. Abstr.) **(Rus)**

OCCURRENCE

A comparison of pneumonia caused by gentamicin, methicillin-resistant and gentamicin, methicillin-sensitive Staphylococcus aureus: epidemiologic and clinical studies. Lentino JR, et al. **Infect Control** 1985 Jul;6(7):267-72

PATHOLOGY

Inflammatory responses to Pseudomonas aeruginosa and Staphylococcus aureus in the murine lung. Sordelli DO, et al. **Eur J Respir Dis** 1985 Jan;66(1):31-9

RADIOGRAPHY

Round pneumonia in a young infant. Sachdev HP, et al. **Indian Pediatr** 1984 Mar;21(3):253-5

THERAPY

[Critical considerations on the treatment of chronic pleuropulmonary staphylococcal infections in childhood] Mantovani A, et al. **Minerva Chir** 1984 Sep 30; 39(18):1249-56 (Eng. Abstr.) **(Ita)**

[Clinical aspects of massive pneumonia and possibilities of its intensive treatment in a pediatric hospital] Malakhovskii IuE, et al. **Pediatriia** 1985 Feb;(2):55-60 **(Rus)**

PNEUMONIA, VIRAL

[Atypical pneumonias--mycoplasmas, rickettsias, chlamydias, viruses] Alexander M. **Internist (Berlin)** 1985 Jun;26(6):341-6 (33 ref.) **(Ger)**

COMPLICATIONS

Cytomegalovirus infection or disease [letter] Golden JA. **Ann Intern Med** 1984 Dec;101(6):882-3

Factors predisposing to abnormal pulmonary function after adenovirus type 7 pneumonia. Sly PD, et al. **Arch Dis Child** 1984 Oct;59(10):935-9

Factors predisposing to abnormal pulmonary function after adenovirus type 7 pneumonia [letter] Warner JO. **Arch Dis Child** 1985 Jan;60(1):82

Fulminant pneumonia caused by concomitant infection with influenza B virus and Staphylococcus aureus. Connor E, et al. **J Pediatr** 1985 Mar;106(3):447-50

Mechanisms of bacterial superinfections in viral pneumonias. Jakab GJ. **Schweiz Med Wochenschr** 1985 Jan 19; 115(3):75-86 (152 ref.)

[Clinical study on 23 cases of severe adenoviral pneumonia complicated by disseminated intravascular coagulation] Gu C. **Chung Hua I Hsueh Tsa Chih** 1984 May;64(5):299-301 (Eng. Abstr.) **(Chi)**

DIAGNOSIS

Symptomatology of adenovirus pneumonia type 11. Zhang ZJ, et al. **Acta Acad Med Wuhan** 1984;4(4):241-4

Rapid diagnosis of cytomegaloviral pneumonia by tissue immunofluorescence with a murine monoclonal antibody. Hackman RC, et al. **J Infect Dis** 1985 Feb;151(2):325-9

Virological and serological diagnosis of cytomegalovirus infection in bone marrow allograft recipients. Panjwani DD, et al. **J Med Virol** 1985 Aug;16(4):357-65

The diagnosis of viral pneumonitis in a compromised host: is an aggressive approach warranted? Sargent D, et al. **NC Med J** 1985 Apr;46(4):245-6

[Viral-bacterial associations in patients with acute pneumonia] Volkova VV, et al. **Vrach Delo** 1985 Mar; (3):12-4 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Activity of 9-[2-hydroxy-1-(hydroxymethyl)ethoxymethyl]guanine in the treatment of cytomegalovirus pneumonia. Shepp DH, et al. **Ann Intern Med** 1985 Sep;103(3):368-73

Foscarnet for cytomegalovirus pneumonitis [letter] Apperley JF, et al. **Lancet** 1985 May 18;1(8438):1151

Acyclovir and varicella pneumonia [letter] Bryer A, et al. **S Afr Med J** 1984 Oct 6;66(14):515

ETIOLOGY

Rash, cough, and chest pain in a young man. Musher DM. **Hosp Pract [Off]** 1985 May 30;20(5A):65-6

Influenza B virus infection complicated by pneumonia, acute renal failure and disseminated intravascular coagulation. Luksza AR, et al. **J Infect** 1984 Sep;9(2):174-6

Cytomegalovirus infection after bone marrow transplantation: relation of pneumonia to postgrafting immunosuppressive treatment. Skinhøj P, et al. **J Med Virol** 1984;14(2):91-9

[Pneumonia caused by a beta hemolytic streptococcus in a heroin addict (letter)] Cobos Gil MA, et al. **Rev Clin Esp** 1985 Mar;176(4):211-2 **(Spa)**

IMMUNOLOGY

In vivo effects of cyclosporine on influenza A virus-infected mice. Schiltknecht E, et al. **Cell Immunol** 1985 Mar; 91(1):227-39

Varicella pneumonia in a bone marrow-transplanted, immune-reconstituted adenosine deaminase-deficient patient with severe combined immunodeficiency disease. Ballow M, et al. **J Clin Immunol** 1985 May;5(3):180-6

Viral-bacterial pneumonia in calves: effect of bovine herpesvirus-1 on immunologic functions. Bielefeldt Ohmann H, et al. **J Infect Dis** 1985 May;151(5):937-47

Interstitial murine cytomegalovirus pneumonia after irradiation: characterization of cells that limit viral replication during established infection of the lungs. Reddehase MJ, et al. **J Virol** 1985 Aug;55(2):264-73

Lung mechanics in orally immunized mice after aerolized exposure to influenza virus. Bergmann KC, et al. **Respiration** 1984;46(2):218-21

[Non-specific influx of cytotoxic T cells into influenza virus-infected lungs of mice] Zhang YH, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1985 Feb; 7(1):37-40 (Eng. Abstr.) **(Chi)**

[Viral-microbial associations and the function of humoral factors of natural immunity in acute pneumonia patients] Volkova VV, et al. **Ter Arkh** 1984;56(10):32-4 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Dynamics of viral growth, viral enzymatic activity, and antigenicity in murine lungs during the course of influenza pneumonia. Astry CL, et al. **J Med Virol** 1984;14(2):81-90

[Successful intravenous Zovirax/acyclovir therapy in a case of adult varicella progressiva complicated by extensive bilateral pneumonia] Münnich D. **Orv Hetil** 1985 Jul 7; 126(27):1663-5 (Eng. Abstr.) **(Hun)**

OCCURRENCE

An outbreak of respiratory syncytial virus pneumonia in a nursing home for the elderly. Sorvillo FJ, et al. **J Infect** 1984 Nov;9(3):252-6

PATHOLOGY

Thickening of the posterior wall of the bronchus intermedius in right lung pneumonia. Martinez LO, et al. **Br J Radiol** 1984 Dec;57(684):1073-6

RADIOGRAPHY

Lobar collapse with respiratory syncytial virus pneumonitis. Quinn SF, et al. **Pediatr Radiol** 1985;15(4):229-30

THERAPY

Treatment of varicella-zoster pneumonia with transfer factor. Winkelmann RK, et al. **Cutis** 1984 Sep;34(3):278-81

Intravenous lymphoblastoid interferon and acyclovir for treatment of cytomegaloviral pneumonia. Shepp DH, et al. **J Infect Dis** 1984 Nov;150(5):776-7

Specific hyperimmune globulin for cytomegalovirus pneumonitis [letter] Blacklock HA, et al. **Lancet** 1985 Jul 20;2(8447):152-3

VETERINARY

Alteration of viral respiratory infections of mice by prior infection with mouse hepatitis virus. Carrano VA, et al. **Lab Anim Sci** 1984 Dec;34(6):573-6

Experimental viral pneumonia in guinea pigs: an ultrastructural study. Kaup FJ, et al. **Vet Pathol** 1984 Sep; 21(5):521-7

PNEUMONITIS, INTERSTITIAL see **PULMONARY FIBROSIS**

PNEUMONOLYSIS

ADVERSE EFFECTS

[Malignant immunoblastic lymphoma under a pneumolytic scar in pleural empyema] Luther R, et al. **Z Gesamte Inn Med** 1984 Aug 15;39(16):399-402 (Eng. Abstr.) **(Ger)**

METHODS

[Repeated radical operations after surgical interventions in diseases of the lungs and pleura] Kabanov AN, et al. **Vestn Khir** 1984 Nov;133(11):19-22 (Eng. Abstr.) **(Rus)**

PNEUMOPERICARDIUM

COMPLICATIONS

Air tamponade. A case report. Damp MH, et al. **S Afr Med J** 1984 Sep 15;66(11):416-7

ETIOLOGY

Tension pneumopericardium following blunt chest trauma. McDougal CB, et al. **Ann Emerg Med** 1985 Feb; 14(2):167-70

Pneumopericardium: an unusual complication of endotracheal laser surgery. Vourc'h G, et al. **Br J Anaesth** 1985 Apr;57(4):451-2

Pneumopericardium during continuous positive airway pressure in respiratory distress syndrome. Alpan G, et al. **Crit Care Med** 1984 Dec;12(12):1080-1

Acute epigastric pain and 'silent' lung infiltrate. Gordon J, et al. **Hosp Pract [Off]** 1984 Oct;19(10):249-52

Pneumopericardium. Augelli NV, et al. **IMJ** 1985 Apr; 167(4):311-2

Pneumopyopericardium complicating gastric cancer. Russell DA, et al. **J Miss State Med Assoc** 1984 Oct;25(10):264-6

Pneumopericardium from cocaine inhalation [letter] Adrouny A, et al. **N Engl J Med** 1985 Jul 4;313(1):48-9

Pneumothorax, pneumomediastinum, and pneumopericardium following Valsalva's maneuver during marijuana smoking. Birrer RB, et al. **NY State J Med** 1984 Dec;84(12):619-20

[Pneumopericardium following closed chest injury--a report of two cases] Misumi T, et al. **Rinsho Kyobu Geka** 1984 Nov;4(6):724-8 (Eng. Abstr.) **(Jpn)**

PNEUMOPERITONEUM

Some unusual presentations of pneumoperitoneum. Giraud RM, et al. **S Afr J Surg** 1985 Mar;23(1):31-2

COMPLICATIONS

Spontaneous combined intraperitoneal gas and supraclavicular subcutaneous emphysema. Ward MW, et al. **J R Coll Surg Edinb** 1984 Nov;29(6):385-6

ETIOLOGY

Vaginal cuff dehiscence presenting as an acute abdomen [letter] Timberlake G, et al. **Arch Surg** 1985 Feb; 120(2):243-4

Postcoital pneumoperitoneum due to vaginoperitoneal fistula following hysterectomy. Bruce-Chwatt RM. **Br J Surg** 1984 Sep;71(9):733

Pneumoperitoneum: an unusual manifestation of improper oral intubation [letter] Ballester EE, et al. **Crit Care Med** 1985 Feb;13(2):138-9

Percutaneous endoscopic gastrostomy: another cause of 'benign' pneumoperitoneum. Stassen WN, et al. **Gastrointest Endosc** 1984 Oct;30(5):296-8

[Pneumoperitoneum following accidental administration of oxygen via a gastric tube] Gottrup F, et al. **Ugeskr Laeger** 1984 Jul 16;146(29):2166-7 (Eng. Abstr.) **(Dan)**

[Pneumoperitoneum following cardiac massage (letter)] de Saint Julien J, et al. **Presse Med** 1984 Dec 1;13(43):2649 **(Fre)**

[Pneumoperitoneum in appendicular peritonitis (apropos of 4 case reports)] Fodha M, et al. **Tunis Med** 1984 Jul-Aug; 62(4):279-81 (Eng. Abstr.) **(Fre)**

[Postoperative pneumoperitoneum in infancy and early childhood. Animal experimental studies on resorption time] Kuntz M, et al. **Rontgenpraxis** 1984 Nov;37(11):406-8 **(Ger)**

[Spontaneous pneumoperitoneum and mechanical ventilation (letter)] Caballero Plasencia AM, et al. **Med Clin (Barc)** 1985 Apr 20;84(15):632-3 **(Spa)**

RADIOGRAPHY

Chilaiditi's syndrome. Report of three cases. Melester T, et al. **JAMA** 1985 Aug 16;254(7):944-5

[Unusual occurrence of pneumoperitoneum] Khalil AM. **ROFO** 1985 Feb;142(2):232-3 **(Ger)**

[Spontaneous pneumoperitoneum without peritonitis] Lotz W, et al. **ROFO** 1985 Jul;143(1):120-2 **(Ger)**

[Extraintestinal air in the roentgen image from the viewpoint of the surgeon] Osterwalder A, et al. **Schweiz Rundsch Med Prax** 1985 Apr 23;74(17):427-33 (Eng. Abstr.) **(Ger)**

[Pseudopneumoperitoneum. Presentation of a case] Torsello G, et al. **Radiol Med (Torino)** 1984 Jul-Aug;70(7-8):543-4 **(Ita)**

PNEUMOPERITONEUM, ARTIFICIAL

METHODS

[Pneumoperitoneum by vaginal approach in gynecologic laparoscopy. Results and analysis of 200 cases] Kably Ambe A, et al. **Ginecol Obstet Mex** 1984 Jun;52(326):149-51 (Eng. Abstr.) **(Spa)**

PNEUMORADIOGRAPHY

[Electroroentgenography in gynecological contrast examinations] Rits IA, et al. **Vestn Rentgenol Radiol** 1985 Jan-Feb;(1):75-9 (Eng. Abstr.) **(Rus)**

METHODS

Pneumoarthrography: reemphasis of a neglected technique. Totty WG, et al. **J Can Assoc Radiol** 1984 Sep;35(3):264-6

[Roentgenopneumopolygraphy in primary roentgenological examination] Babii IaS, et al. **Vrach Delo** 1985 Mar;(3):9-12 (Eng. Abstr.) **(Rus)**

PNEUMORETROPERITONEUM see **RETROPNEUMOPERITONEUM**

PNEUMOTHORAX

Pneumothorax. Jenkinson SG. **Clin Chest Med** 1985 Mar; 6(1):153-61

Transient remission of chronic idiopathic thrombocytopenic purpura during septic abscess and pneumothorax. Grossi A, et al. **Haematologica (Pavia)** 1984 Sep-Oct;69(5):572-5

Spontaneous pneumothorax. Ferrier FL. **J Med Assoc Ga** 1984 Oct;73(10):681-4 (35 ref.)

Spontaneous pneumothorax occurring in flight. Lim MK, et al. **Singapore Med J** 1985 Feb;26(1):93-5

BLOOD

Mixed venous oxygen saturation changes during tension pneumothorax and its treatment. Woodcock TE, et al. **Anaesthesia** 1984 Oct;39(10):1004-6

CHEMICALLY INDUCED

Fatal pneumothorax following bleomycin and other cytotoxic drugs. Leeser JE, et al. **Cancer Treat Rep** 1985 Mar; 69(3):344-5

COMPLICATIONS

CT detection of occult pneumothorax in head trauma. Tocino IM, et al. **AJR** 1984 Nov;143(5):987-90

Uncomplicated torsion of the right upper lobe secondary to spontaneous pneumothorax. Berkmen YM. **Chest** 1985

May;87(5):695-7

Recurrent re-expansion pulmonary edema. Shaw TJ, et al. **Chest** 1984 Nov;86(5):784-6

Recurrent pneumothorax in rheumatoid arthritis. Robinson AC, et al. **Ir J Med Sci** 1984 Dec;153(12):437-8

Unilateral pulmonary edema after drainage of a spontaneous pneumothorax: case report and review of the world literature. Murphy K, et al. **J Emerg Med** 1983;1(1):29-36

The decreasing incidence of pneumothorax and improving survival of infants with congenital diaphragmatic hernia. Hansen J, et al. **J Pediatr Surg** 1984 Aug;19(4):385-8

[Selective bronchial intubation in neonatal RDS. Case report] Gallini C, et al. **Minerva Anestesiol** 1984 Dec;50(12):651-4 (Eng. Abstr.) **(Ita)**

[Open pneumothorax, rupture of the diaphragm and liver by a foreign body] Egiazarian VF, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):129 **(Rus)**

[Morphologic basis of spontaneous pneumothorax and its pleural reaction] Ferrer-Roca O. **Rev Clin Esp** 1984 Dec 15-31;175(5-6):223-7 (Eng. Abstr.) **(Spa)**

CONGENITAL

[Unusual cutaneous emphysema in a newborn infant following bilateral pneumothorax] Frisch H, et al. **Padiatr Padol** 1985;20(2):193-200 (Eng. Abstr.) **(Ger)**

DIAGNOSIS

Left tension pneumothorax masquerading as anterior myocardial infarction. Werne CS, et al. **Ann Emerg Med** 1985 Feb;14(2):164-6

Diving and chronic spontaneous pneumothorax. Ziser A, et al. **Chest** 1985 Feb;87(2):264-5

Pneumothorax, hemothorax, and other abnormalities of the pleural space. Vukich DJ. **Emerg Med Clin North Am** 1983 Aug;1(2):431-48 (129 ref.)

Pulmonary nodules and spontaneous pneumothorax in an adolescent female. Hinton AA, et al. **Invest Radiol** 1984 Nov-Dec;19(6):479-83

[The pleura, in 1984] Remy J. **Ann Radiol (Paris)** 1984 Nov;27(7):642-7 (Eng. Abstr.) **(Fre)**

[Elevation of the pulmonary arterial pressure as a sign of pneumothorax and hemothorax--a report of two cases] Kitamura M, et al. **Kyobu Geka** 1985 Mar;38(3):201-4 (Eng. Abstr.) **(Jpn)**

[Differential diagnosis of spontaneous pneumothorax] Lel'chitskiĭ VN. **Ter Arkh** 1984;56(8):78-81 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Danazol (an antigonadotropin) in the treatment of catamenial pneumothorax. Uemura T, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):81-6

Cerebroprotective effect of dexamethasone by increasing the tolerance to hypoxia and preventing brain oedema in newborn piglets with experimental pneumothorax. Temesvári P, et al. **Neurosci Lett** 1984 Aug 24;49(1-2):87-92

[Recurring, menstruation-dependent spontaneous pneumothorax--successful treatment with chemical pleurodesis] Kropp R, et al. **Prax Klin Pneumol** 1985 Jun;39(6):208-9 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Entriflex feeding tube: need for care in using it. Kiwak MG, et al. **AJR** 1984 Dec;143(6):1341-2

Pneumothorax due to endotracheal tube suction. Alpan G, et al. **Am J Perinatol** 1984 Jul;1(4):345-8

Changes in mixed venous oxygen saturation during tension pneumothorax [letter] **Anaesthesia** 1985 Mar;40(3):301-3

Tension pneumothorax following CPR or mechanical ventilation [letter] Nelson BK. **Ann Emerg Med** 1985 Jun;14(6):615

Pulmonary barotrauma during CPR training [letter] Wigder HN, et al. **Ann Emerg Med** 1985 Mar;14(3):279-81

Complications associated with a narrow bore nasogastric tube. Grossman TW, et al. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):460-3

Pulmonary air leaks in ventilated preterm infants. Tudehope DI, et al. **Aust Paediatr J** 1984 Nov;20(4):279-80

Internal mis-mating of breathing system components. Sloan IA, et al. **Can Anaesth Soc J** 1984 Sep;31(5):576-8

Spontaneous bilateral pneumothorax in drug addicts. Cohen HL, et al. **Chest** 1984 Oct;86(4):645-7

Percutaneous needle biopsy of lung lesions [letter] St. Louis EL, et al. **Chest** 1984 Dec;86(6):940-1

Bilateral pneumothorax after transtracheal aspiration [letter] Verea-Hernando H, et al. **Chest** 1985 May;87(5):703

Spontaneous pneumothorax related to falls in atmospheric pressure. Bense L. **Eur J Respir Dis** 1984 Oct;65(7):544-6

Association between falls in atmospheric pressure and spontaneous pneumothorax [letter] Carrido García JA, et al. **Eur J Respir Dis** 1985 Mar;66(3):230

Neonatal pneumothorax, a rare complication of pulmonary cystic lymphangiectasis. Siegal A, et al. **Eur J Respir Dis** 1985 Feb;66(2):153-7

Delayed pneumothorax and haemothorax following observation for stab wounds of the chest. Muckart DJ. **Injury** 1985 Jan;16(4):247-8

Bilateral tension pneumothorax during pediatric bronchoscopy (high-frequency jet injection ventilation). Ostfeld E, et al. **Int J Pediatr Otorhinolaryngol** 1984 Jul;7(3):301-4

Pneumothorax during positive-pressure mechanical ventilation. Bitto T, et al. **J Thorac Cardiovasc Surg** 1985 Apr;89(4):585-91

Pneumothorax as a complication of placement of a nasoenteric tube. Aronchick JM, et al. **JAMA** 1984 Dec 21;252(23):3287-8

Pneumothorax complicating enteral feeding tube placement. Olbrantz KR, et al. **JPEN** 1985 Mar-Apr;9(2):210-1

Feeding tube-induced pneumothorax. Saltzberg DM, et al. **JPEN** 1984 Nov-Dec;8(6):714-6

Catheterization and pneumothorax [letter] Thomas RJ, et al. **Med J Aust** 1985 Mar 4;142(5):331

Pneumothorax, pneumomediastinum, and pneumopericardium following Valsalva's maneuver during marijuana smoking. Birrer RB, et al. **NY State J Med** 1984 Dec;84(12):619-20

Spontaneous clostridial empyema and pyopneumothorax. Raff MJ, et al. **Rev Infect Dis** 1984 Sep-Oct;6(5):715-9

[Clinical analysis of 60 cases of miliary tuberculosis complicated by spontaneous pneumothorax] Lu TS, et al. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Oct;7(5):273-4 (Eng. Abstr.) **(Chi)**

[Unusual complication of costal fracture. Stercoraceous pyopneumothorax (letter)] Gaucher L, et al. **Presse Med** 1985 May 18;14(20):1154 **(Fre)**

[Spontaneous pneumothorax and broncho-pulmonary cancer] Steinhäuslin CA, et al. **Schweiz Rundsch Med Prax** 1985 May 28;74(22):586-92 (Eng. Abstr.) **(Fre)**

[Bilateral pneumothorax following laparoscopy] Kroh U, et al. **Anasth Intensivther Notfallmed** 1984 Oct;19(5):258-60 (Eng. Abstr.) **(Ger)**

[Postoperative pneumothorax following interventions for diaphragmatic hernias and defects] Hecker WC, et al. **Chirurg** 1985 May;56(5):319-21 (Eng. Abstr.) **(Ger)**

[Central venous air embolism in an artificially respirated premature infant with respiratory distress syndrome] Gortner L, et al. **Klin Padiatr** 1984 Nov-Dec;196(6):385-7 (Eng. Abstr.) **(Ger)**

[Pyopneumothorax as a complication of fibrinous suppurative pleuropneumonia] Barousch G, et al. **Prax Klin Pneumol** 1984 Jul;38(7):307-10 (Eng. Abstr.) **(Ger)**

[Recurrent bilateral pneumothorax in progressive lung fibrosis following combination therapy with BCNU] Vetter N, et al. **Prax Klin Pneumol** 1985 Mar;39(3):102-5 (Eng. Abstr.) **(Ger)**

[Fatigue fractures of the 1st rib and their combination with spontaneous pneumothorax] Bergmann L. **Z Erkr Atmungsorgane** 1984;163(1):75-9 (Eng. Abstr.) **(Ger)**

[A case report of multiple pulmonary hamartoma with spontaneous pneumothorax] Kitano M, et al. **Kyobu Geka** 1984 Aug;37(8):635-9 (Eng. Abstr.) **(Jpn)**

[Bilateral pneumothorax following total thyroidectomy and radical neck resection] Taniguchi K, et al. **Masui** 1985 Jan;34(1):112-4 (Eng. Abstr.) **(Jpn)**

[Catamenial pneumothorax] Saga T, et al. **Nippon Geka Hokan** 1985 Jan 1;54(1):36-8 (Eng. Abstr.) **(Jpn)**

[A case of paragonimiasis miyazakii appearing with bilateral pneumothorax, effusion and alternating chest pain--a review of 82 cases reported in Japan] Matumine H, et al. **Nippon Naika Gakkai Zasshi** 1985 May;74(5):597-605 **(Jpn)**

[Pyopneumothorax and gastric pleural fistula caused by gastric carcinoma: report of a case and review of the literature] Ennes FP, et al. **AMB** 1984 Sep-Oct;30(9-10):210-2 (Eng. Abstr.) **(Por)**

[Spontaneous pneumothorax in nonspecific lung diseases] Shchiglik GM. **Khirurgiia (Mosk)** 1984 Oct;(10):60-3 (Eng. Abstr.) **(Rus)**

['Gas syndrome' in closed chest trauma] Sazonov KN, et al. **Vestn Khir** 1985 Feb;134(2):64-7 (Eng. Abstr.) **(Rus)**

[Spontaneous pneumothorax as the initial manifestation of a bronchogenic carcinoma (letter)] Cameselle R, et al. **Med Clin (Barc)** 1984 Jun 16;83(3):130-1 **(Spa)**

[Catamenial pneumothorax. Study of a case] Munar Qués M, et al. **Med Clin (Barc)** 1984 Dec 8;83(19):804-6 (Eng. Abstr.) **(Spa)**

[Spontaneous pneumothorax as the initial symptom of bronchogenic carcinoma] González Budiño T, et al. **Rev Clin Esp** 1985 Apr;176(7):362-4 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

[Disorder of the regulation of the inflammatory process in spontaneous pneumothorax] Nagy L, et al. **Orv Hetil** 1985 Jun 30;126(26):1581-3 (Eng. Abstr.) **(Hun)**

OCCURRENCE

Spontaneous pneumothorax in cryptogenic fibrosing alveolitis. Picado C, et al. **Respiration** 1985;48(1):77-80

Spontaneous pneumothorax: a retrospective review of aetiology, pathogenesis and management. Primrose WR. **Scott Med J** 1984 Jan;29(1):15-20

PATHOLOGY

Pleura in pneumothorax. Comparison of patients with cystic fibrosis and idiopathic spontaneous pneumothorax. Tomashefski JF Jr, et al. **Arch Pathol Lab Med** 1985 Oct;109(10):910-6

Modulation of the blood-brain barrier permeability in neonatal cytotoxic brain edema: laboratory and morphological findings obtained on newborn piglets with experimental pneumothorax. Temesvári P, et al. **Biol Neonate** 1984;46(4):198-208

[Spontaneous pneumothorax and respiratory failure] Benusiglio LN, et al. **Schweiz Med Wochenschr** 1985 May 11;115(19):659-64 **(Fre)**

PHYSIOPATHOLOGY

Effects of pneumothorax or pleural effusion on pulmonary function. Gilmartin JJ, et al. **Thorax** 1985 Jan;40(1):60-5

PREVENTION & CONTROL

Rapid cytology to decrease pneumothorax incidence after percutaneous biopsy. Johnsrude IS, et al. **AJR** 1985 Apr;144(4):793-4

RADIOGRAPHY

Distribution of pneumothorax in the supine and semirecumbent critically ill adult. Tocino IM, et al. **AJR** 1985 May;144(5):901-5

CT detection of occult pneumothorax in head trauma. Tocino IM, et al. **AJR** 1984 Nov;143(5):987-90

Basilar pneumothorax in the supine patient. Sweriduk ST, et al. **Am Fam Physician** 1985 Jun;31(6):127-8

Supine pneumothoraces in adults. Giuffre B. **Australas Radiol** 1984 Nov;28(4):335-8

Delayed pneumothorax: a complication of subclavian vein catheterization [letter] Marino PL. **JPEN** 1985 Mar-Apr;9(2):232

Infra-azygous pneumomediastinum versus pulmonary ligament air collection: CT evaluation. Morrison SC, et al. **Pediatr Radiol** 1985;15(2):129-30

Adult pulmonary ligament pneumatocele: a loculated pneumothorax. Friedman PJ. **Radiology** 1985 Jun;155(3):575-6

SURGERY

Surgical management of recurrent spontaneous pneumothorax during pregnancy. Dhalla SS, et al. **Chest** 1985 Aug;88(2):301-2

Resolution of pneumothorax in neonates. Bhatia J, et al. **Crit Care Med** 1985 May;13(5):417-9

Pleurectomy for recurrent pneumothorax. Behl PR, et al. **J R Coll Surg Edinb** 1984 Jul;29(4):221-5

[Long-term experience and results after operations for spontaneous pneumothorax] Kazda O. **Rozhl Chir** 1985 Jan;64(1):7-13 (Eng. Abstr.) **(Cze)**

[Etiology and therapy of spontaneous pneumothorax. Discussion of conservative or surgical procedure based on personal results] Schröder D, et al. **Fortschr Med** 1984 Nov 15;102(42):1071-6 (Eng. Abstr.) **(Ger)**

[Determination of the time for active surgical procedures in juvenile pyopneumothorax] Schubert W, et al. **Kinderarztl Prax** 1985 Jan;53(1):39-42 (Eng. Abstr.) **(Ger)**

[Surgical treatment of persistent and recurrent spontaneous pneumothorax] Kahle M, et al. **Prax Klin Pneumol** 1985 Apr;39(4):130-2 (Eng. Abstr.) **(Ger)**

[Clinical aspects and therapy of spontaneous pneumothorax] Kessler E, et al. **Prax Klin Pneumol** 1984 Dec;38(12):523-33 **(Ger)**

[Aimed diagnosis-dependent risk-free thoracic pleural drainage] Haid B. **Unfallchirurg** 1985 Mar;88(3):105-8 (Eng. Abstr.) **(Ger)**

[Experience of median sternotomy for the surgical treatment of synchronous bilateral pneumothorax] Torigoshi Y, et al. **Kyobu Geka** 1985 May;38(5):412-5 (Eng. Abstr.) **(Jpn)**

[Operative procedure for simultaneous spontaneous pneumothorax] Ohata M. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):934-7 (Eng. Abstr.) **(Jpn)**

[Bilateral simultaneous thoracotomy for unilateral spontaneous pneumothorax, with special reference to the operative indication considered from its contralateral occurrence rate] Ikeda M, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Mar;33(3):277-82 (Eng. Abstr.) **(Jpn)**

[Zonal rheography in the complex evaluation of pulmonary function before surgery] Muromskiĭ IuA, et al. **Grudn Khir** 1984 Sep-Oct;(5):61-5 (Eng. Abstr.) **(Rus)**

[Use of low-frequency ultrasonics in surgery of the lungs and pleura in children] Sergeev VM, et al. **Grudn Khir** 1984 Nov-Dec;(6):32-6 (Eng. Abstr.) **(Rus)**

[Treatment of patients with spontaneous pneumothorax of different etiologies] Zenina LD, et al. **Probl Tuberk** 1985;(2):62-4 **(Rus)**

[Thoracoscopy in nonspecific spontaneous and iatrogenic pneumothorax] Vagner EA, et al. **Vestn Khir** 1985 May;134(5):33-6 (Eng. Abstr.) **(Rus)**

THERAPY

Results of simple aspiration of pneumothoraces. Archer GJ, et al. **Br J Dis Chest** 1985 Apr;79(2):177-82

Pneumothorax in a boxer. Belham GJ, et al. **Br J Sports Med** 1985 Mar;19(1):45

Problems with the pneumothorax catheter [letter] Binder RE. **Chest** 1985 May;87(5):704

Clinical evaluation of a percutaneous pneumothorax catheter. Peters J, et al. **Chest** 1984 Nov;86(5):714–7

Spontaneous pneumothorax. A 28-year review. Mayo P. **J Ky Med Assoc** 1984 Aug;82(8):369–73 (56 ref.)

Catheter aspiration for simple pneumothorax (CASP) in the outpatient management of simple traumatic pneumothorax. Obeid FN, et al. **J Trauma** 1985 Sep;25(9):882–6

A place for aspiration in the treatment of spontaneous pneumothorax. Jones JS. **Thorax** 1985 Jan;40(1):66–7

[Pleural talc administration under thoracoscopy in the treatment of pneumothorax. Study of a series of 109 cases treated over a 3-year period] Guérin JC, et al. **Rev Mal Respir** 1985;2(1):25–9 (Eng. Abstr.) **(Fre)**

[Indications for the use of a wound adhesive in pneumothorax treatment] Wendel H, et al. **Z Erkr Atmungsorgane** 1985; 164(2):186–94 (Eng. Abstr.) **(Ger)**

[Spontaneous mono- and bilateral pneumothorax. Our current therapeutic orientation] Catrambone G, et al. **Minerva Chir** 1984 Sep 15;39(17):1149–54 (Eng. Abstr.) **(Ita)**

[Chemical pleurodesis with nocardia rubra cell wall skeleton (N-CWS) for management of pleural air leakage] Nakamoto K, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Dec;32(12):2090–4 (Eng. Abstr.) **(Jpn)**

[Treatment of spontaneous pneumothorax] Marchuk IK. **Klin Khir** 1984 Oct;(10):37–9 (Eng. Abstr.) **(Rus)**

[Dispensary observation of children with a history of the pleural form of acute destructive pneumonia] Volokh IuA, et al. **Pediatriia** 1984 Aug;(8):50–1 **(Rus)**

[Characteristics of traumatic pneumothorax in advanced age] Il'chishin VI, et al. **Vestn Khir** 1985 Feb;134(2):74–5 **(Rus)**

VETERINARY

Surgical correction of primary pneumothorax in a dog. Boudrieau RJ, et al. **J Am Vet Med Assoc** 1985 Jan 1; 186(1):75–8

Bullous emphysema and recurrent pneumothorax in the dog. Kramek BA, et al. **J Am Vet Med Assoc** 1985 May 1; 186(9):971–4

PNEUMOTHORAX, ARTIFICIAL

A peculiar extra heart sound after artificial pneumothorax in congenital pericardial defect: a diagnostic clue. Hayashi Y, et al. **Clin Cardiol** 1985 May;8(5):311–3

Induction of pneumothorax by means of the Veress cannula. Faurschou P. **Eur J Respir Dis** 1984 Oct;65(7):547–9

Pulmonary rupture caused a rapid decompression of a post-lobectomy pneumothorax [letter] Knott-Craig CJ, et al. **S Afr Med J** 1985 Aug 17;68(4):211–2

ADVERSE EFFECTS

[A case of non-Hodgkin's lymphoma with pyothorax] Iuchi K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec; 22(12):1165–9 (Eng. Abstr.) **(Jpn)**

PODANGIUM see **MYXOBACTERALES**

PODIATRY

see related

FOOT DISEASES

Podiatrist's advice for marathon casualty management. Graham R. **Br J Sports Med** 1984 Dec;18(4):286–7

A review of the literature on the US foot health care system. Part II. Weiner JP, et al. **J Am Podiatr Med Assoc** 1985 Mar;75(3):142–6

Hospital drug study. Lanham RH Jr, et al. **J Am Podiatry Assoc** 1984 Dec;74(12):611–7

Podiatrist-patient interaction during routine podiatry visits. Roter DL, et al. **J Am Podiatry Assoc** 1984 Nov; 74(11):553–8

Characteristics of podiatrists and podiatric practice. Skipper JK Jr, et al. **J Am Podiatry Assoc** 1984 Dec;74(12):618–22

Pediatric history form. Valmassy RL. **J Am Podiatry Assoc** 1984 Nov;74(11):574–6

A review of the literature on the US foot health care system. Part I. Weiner JP, et al. **J Am Podiatry Assoc** 1984 Dec; 74(12):605–10

ECONOMICS

Malpractice insurance—is there really a bargain? Brant JD. **J Am Podiatr Med Assoc** 1985 Apr;75(4):224

EDUCATION

Training in modern chiropody. Smidt LA. **J R Soc Health** 1984 Oct;104(5):174–6

INSTRUMENTATION

Biplane Posting Elevator. A new method of rearfoot post application. Dennis KJ, et al. **J Am Podiatr Med Assoc** 1985 May;75(5):272–4

Radiographic Visual Bisector. A new measuring device. Freund PA. **J Am Podiatry Assoc** 1984 Nov;74(11):565–9

Laser safety in podiatry. Borovoy M, et al. **J Foot Surg** 1985 Mar-Apr;24(2):136–8

Use of the Shaw scalpel in podiatric surgery. Marcinko DE, et al. **J Foot Surg** 1984 Nov-Dec;23(6):457–60

[Possibilities of the rapid evaluation of the foot arch using a device based on television projection] Nowotny J, et al. **Pol Tyg Lek** 1984 Apr 23;39(17):573–5 (Eng. Abstr.) **(Pol)**

[A device for use in podography] Aksenov VV, et al. **Med Tekh** 1984 Jul-Aug;(4):33–6 (Eng. Abstr.) **(Rus)**

METHODS

Closed wound suction drainage. Chinn SD, et al. **J Foot Surg** 1985 Jan-Feb;24(1):76–81

Syndactylization: a surgical approach to heloma molle. Kurtz CM, et al. **J Foot Surg** 1984 Sep-Oct;23(5):407–9

TRENDS

Rationale for office-based foot surgery. Wood WA. **Clin Podiatry** 1985 Jul;2(3):413–21

PODOPHYLLIN

ADMINISTRATION & DOSAGE

Condylomata acuminata in women: the effect of concomitant genital infection on response to treatment. Cooper C, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):150–3

THERAPEUTIC USE

Treatment of anogenital warts with trichloroacetic acid and podophyllin [letter] Singh M. **Br J Vener Dis** 1984 Oct; 60(5):351

Treatment of plantar warts in children with a salicylic acid-podophyllin-cantharidin product. Coskey RJ. **Pediatr Dermatol** 1984 Jul;2(1):71–3

Self-treatment of condylomata acuminata with podophyllin resin. Maiti H, et al. **Practitioner** 1985 Jan;229(1399):37–9

Nasal papillomas: successful treatment with podophyllin. Bennett RG, et al. **South Med J** 1985 Feb;78(2):224–5

PODOPHYLLOTOXIN

ANALOGS & DERIVATIVES

Transient heart block. An unreported toxicity of high dose chemotherapy with cyclophosphamide and etoposide. Sculier JP, et al. **Acta Clin Belg** 1985;40(2):112–4

A phase II trial of VP 16-213 in adults with refractory acute myeloid leukemia. An Eastern Cooperative Oncology Group study. Bennett JM, et al. **Am J Clin Oncol** 1984 Oct;7(5):471–3

Phase II study of VM 26 in extensively pretreated breast cancer. Tirelli U, et al. **Am J Clin Oncol** 1984 Oct; 7(5):451–2

Role of etoposide-based chemotherapy in the treatment of patients with refractory or relapsing germ cell tumors. Bosl GJ, et al. **Am J Med** 1985 Mar;78(3):423–8

Use of oral VP16-213 as primary chemotherapeutic agent in treatment of gestational trophoblastic disease. Wong LC, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):924–7

Remission of brain metastases from small-cell lung cancer after high-dose chemotherapy [letter] Postmus PE, et al. **Ann Intern Med** 1984 Nov;101(5):717

Microsomal interactions and inhibition of lipid peroxidation by etoposide (VP-16, 213): implications for mode of action. Sinha BK, et al. **Biochem Pharmacol** 1985 Jun 1; 34(11):2036–40

Irreversible binding of etoposide (VP-16-213) to deoxyribonucleic acid and proteins. Sinha BK, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3725–8

Characterization of VP-16-induced DNA damage in isolated nuclei from L1210 cells. Glisson BS, et al. **Biochim Biophys Acta** 1984 Oct 5;783(1):74–9

Bone marrow morphologic changes after combination chemotherapy including VP-16. Adelstein DJ, et al. **Cancer** 1985 Aug 1;56(3):467–71

Ovarian dysfunction in patients with gestational trophoblastic neoplasia treated with short intensive courses of etoposide (VP-16-213). Choo YC, et al. **Cancer** 1985 May 15; 55(10):2348–52

VP-16-213 in the treatment of stage III and IV diffuse large cell lymphoma. Jacobs P, et al. **Cancer** 1985 Sep 1; 56(5):1006–13

Pharmacokinetics and toxicity of the epipodophyllotoxin derivative etoposide (VP 16-213) in patients with gestational choriocarcinoma and malignant teratoma. Brindley CJ, et al. **Cancer Chemother Pharmacol** 1985; 15(1):66–71

Pharmacokinetics of teniposide (VM 26) after IV administration in serum and malignant ascites of patients with ovarian carcinoma. Canal P, et al. **Cancer Chemother Pharmacol** 1985;15(2):149–52

Drug monitoring of etoposide (VP16-213). I. A combined method of liquid chromatography and mass spectrometry. Danigel H, et al. **Cancer Chemother Pharmacol** 1985; 15(2):121–4

Synergistic antitumor activity of vincristine and VP-16-213. Jackson DV Jr, et al. **Cancer Chemother Pharmacol** 1984; 13(3):176–80

A case report and description of the pharmacokinetic behavior of intrapleurally instilled etoposide. Jones JM, et al. **Cancer Chemother Pharmacol** 1985;14(2):172–4

Pharmacokinetic study of VM26 given as a prolonged IV infusion to ovarian cancer patients. Rossi C, et al. **Cancer Chemother Pharmacol** 1984;13(3):211–4

Synergistic effect of 4-hydroperoxycyclophosphamide and etoposide on a human promyelocytic leukemia cell line (HL-60) demonstrated by computer analysis. Chang TT, et al. **Cancer Res** 1985 Jun;45(6):2434–9

Single- and double-strand DNA breakage and repair in human lung adenocarcinoma cells exposed to etoposide and teniposide. Long BH, et al. **Cancer Res** 1985 Jul; 45(7):3106–12

Inhibition of 1-beta-D-arabinofuranosylcytosine transport and net accumulation by teniposide and etoposide in Ehrlich ascites cells and human leukemic blasts. White JC, et al. **Cancer Res** 1985 Jul;45(7):3070–5

Verapamil-induced augmentation of etoposide accumulation in L1210 cells in vitro. Yalowich JC, et al. **Cancer Res** 1985 Apr;45(4):1651–6

Effects of verapamil on etoposide, vincristine, and adriamycin activity in normal human bone marrow granulocyte-macrophage progenitors and in human K562 leukemia cells in vitro. Yalowich JC, et al. **Cancer Res** 1985 Oct;45(10):4921–4

Probable cure of small cell carcinoma of the lung by etoposide [letter] Abratt RP, et al. **Cancer Treat Rep** 1985 Feb;69(2):235

Phase II trial of etoposide in previously treated small cell carcinoma of the lung. Antman K, et al. **Cancer Treat Rep** 1984 Nov;68(11):1413–4

Pharmacokinetics of teniposide in patients with ovarian cancer. D'Incalci M, et al. **Cancer Treat Rep** 1985 Jan; 69(1):73–7

Pharmacokinetics of etoposide in gestochoriocarcinoma. D'Incalci M, et al. **Cancer Treat Rep** 1985 Jan;69(1):69–72

High-dose etoposide in the treatment of relapsed primary brain tumors. Finn GP, et al. **Cancer Treat Rep** 1985 Jun; 69(6):603–5

Allergic reactions to teniposide in patients with neuroblastoma and lymphoid malignancies. Hayes FA, et al. **Cancer Treat Rep** 1985 Apr;69(4):439–41

Multicenter Phase II trial of etoposide in refractory small cell lung cancer. Issell BF, et al. **Cancer Treat Rep** 1985 Jan;69(1):127–8

Etoposide and cisplatin salvage chemotherapy for small cell lung cancer. Lopez JA, et al. **Cancer Treat Rep** 1985 Apr; 69(4):369–71

Teniposide: a review of 12 years of experience. O'Dwyer PJ, et al. **Cancer Treat Rep** 1984 Dec;68(12):1455–66 (98 ref.)

Phase II study of teniposide in small cell carcinoma of the lung. Pedersen AG, et al. **Cancer Treat Rep** 1984 Oct; 68(10):1289–91

High-dose etoposide for refractory malignancies: a phase I study. Postmus PE, et al. **Cancer Treat Rep** 1984 Dec; 68(12):1471–4

Phase II trial of etoposide in the management of advanced or recurrent non-squamous cell carcinoma of the cervix: a Gynecologic Oncology Group study. Slayton RE, et al. **Cancer Treat Rep** 1984 Dec;68(12):1513–4

Bioavailability, pharmacokinetics, and clinical effects of an oral preparation of etoposide. Stewart DJ, et al. **Cancer Treat Rep** 1985 Mar;69(3):269–73

Phase II trial of etoposide in advanced prostate cancer. Trump DL, et al. **Cancer Treat Rep** 1984 Sep;68(9):1195–6

Etoposide in the treatment of multifocal eosinophilic granuloma [letter] Urbano-Márquez A, et al. **Cancer Treat Rep** 1985 Feb;69(2):238–9

The biological actions of deoxypodophyllotoxin (anthricin). I. Physiological activities and conformational analysis of deoxypodophyllotoxin. Inamori Y, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):704–9

Etoposide by oral route in the treatment of unresectable non-small cell lung cancer. Scagliotti G, et al. **Chemioterapia** 1984 Oct;3(5):324–6

Complement activating rheumatoid factors in rheumatoid arthritis studied by haemolysis in gel: relation to antibody class and response to treatment with podophyllotoxin derivatives. Truedsson L, et al. **Clin Exp Rheumatol** 1985 Jan-Mar;3(1):29–37

Amsacrine alone or in combination with 5-azacytidine and etoposide in refractory or relapsed acute non lymphoblastic leukemia (ANLL). Carella AM, et al. **Haematologica (Pavia)** 1985 Jan-Feb;70(1):39–43

VM-26 and cytarabine combination chemotherapy in refractory or relapsed adult acute lymphoblastic leukemia. Carella AM, et al. **Haematologica (Pavia)** 1984 Nov-Dec; 69(6):747–51

The Kidney Invasion Test: an assay allowing macroscopic quantification of malignant invasion in vivo. Comparison between the microtubule inhibitor tubulozole and the podophyllotoxin congener etoposide (VP-16-213). Distelmans W, et al. **Invasion Metastasis** 1985;5(3):170–84

Nonintercalative antitumor drugs interfere with the breakage-reunion reaction of mammalian DNA topoisomerase II. Chen GL, et al. **J Biol Chem** 1984 Nov 10;259(21):13560–6

High-performance liquid chromatography of etoposide in plasma and urine. Harvey VJ, et al. **J Chromatogr** 1985 May 3;339(2):419–23

High-performance liquid chromatographic determination of etoposide in plasma using electrochemical detection. Littlewood TJ, et al. **J Chromatogr** 1984 Dec 12; 336(2):434–7

VP-16-213 in combination chemotherapy with chest irradiation for small-cell lung cancer: a randomized trial of the Piedmont Oncology Association. Jackson DV Jr, et al. **J Clin Oncol** 1984 Dec;2(12):1343-51

Extensive-stage small-cell bronchogenic carcinoma: intensive induction chemotherapy with high-dose cyclophosphamide plus high-dose etoposide. Johnson DH, et al. **J Clin Oncol** 1985 Feb;3(2):170-5

Treatment of epidemic Kaposi's sarcoma with etoposide or a combination of doxorubicin, bleomycin, and vinblastine. Laubenstein LJ, et al. **J Clin Oncol** 1984 Oct;2(10):1115-20

Late intensification in small-cell lung cancer: a phase I study of high doses of cyclophosphamide and etoposide with autologous bone marrow transplantation. Sculier JP, et al. **J Clin Oncol** 1985 Feb;3(2):184-91

Penetration of teniposide (VM-26) into human intracerebral tumors. Preliminary observations on the effect of tumor type, rate of drug infusion and prior treatment with amphotericin B or oral glycerol. Stewart DJ, et al. **J Neurooncol** 1984;2(4):315-24

Penetration of VP-16 (etoposide) into human intracerebral and extracerebral tumors. Stewart DJ, et al. **J Neurooncol** 1984;2(2):133-9

Stability-indicating liquid chromatographic determination of etoposide and benzyl alcohol in injectable formulations. Floor BJ, et al. **J Pharm Sci** 1985 Feb;74(2):197-200

Amsacrine and etoposide induced paralytic ileus in a patient with acute myelomonocytic leukemia. Kucuk O, et al. **J Surg Oncol** 1985 Mar;28(3):172-3

Etoposide [letter] **N Engl J Med** 1985 Aug 22;313(8):518-9

Etoposide (VP-16-213). Current status of an active anticancer drug. O'Dwyer PJ, et al. **N Engl J Med** 1985 Mar 14;312(11):692-700 (136 ref.)

Feasibility of high dose VP 16-213 as single agent or in combination with cyclophosphamide and autologous bone marrow transplantation (ABMT). Mulder NH, et al. **Neth J Med** 1984;27(10):389-92

Evaluation of intravitreal 5-fluorouracil, vincristine, VP 16, doxorubicin, and thiotepa in primate eyes. Barrada A, et al. **Ophthalmic Surg** 1984 Sep;15(9):767-9

Sequential cis-platinum and VM26 in neuroblastoma: laboratory and clinical (OPEC regimen) studies. Pritchard J, et al. **Prog Clin Biol Res** 1985;175:545-55

Response rate and toxicity of etoposide (VP-16) in squamous carcinoma of the lung: report from the Lung Cancer Treatment Study Group. Anderson G, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 2):21-2

The role of VP-16 in the treatment of small-cell lung cancer: studies of the West of Scotland Lung Cancer Group. Banham S, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 2):2-6

VP-16 in the treatment of malignant lymphomas: a report from the Swiss Group for Clinical Cancer Research (SAKK). Cavalli F. **Semin Oncol** 1985 Mar;12(1 Suppl 2):33-6

High-dose etoposide (VP-16) in small-cell lung cancer. Greco FA, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 2):42-4

VP-16 in combinations for first-line treatment of malignant germ-cell tumors and gestational choriocarcinoma. Newlands ES. **Semin Oncol** 1985 Mar;12(1 Suppl 2):37-41

Bioavailability and pharmacokinetics of etoposide (VP-16). Smyth RD, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 2):48-51

Single-dose etoposide in combination with vincristine and doxorubicin in the treatment of small-cell lung cancer (SCLC). Timothy AR, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 2):45-7

Metabolic studies of a podophyllotoxin derivative (VP16) in the isolated perfused liver. Colombo T, et al. **Xenobiotica** 1985 Apr;15(4):343-50

[Collaborative phase II study of etoposide (NK-171). Urological Cooperative Study Group of etoposide (NK-171)] **Gan No Rinsho** 1985 Jul;31(8):944-52 (Eng. Abstr.) **(Jpn)**

[VP 16-213] Ogawa M. **Gan No Rinsho** 1985 May;31(6 Suppl):774-8 (Eng. Abstr.) **(Jpn)**

[Effect of etoposide for pulmonary metastases from urogenital tract cancer] Fujita K, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2438-41 (Eng. Abstr.) **(Jpn)**

[Phase I clinical study of NK 171 (etoposide)] Kimura K, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):851-6 (Eng. Abstr.) **(Jpn)**

[Effect of etoposide for urogenital tumors] Kinjo T, et al. **Gan To Kagaku Ryoho** 1985 Jun;12(6):1267-71 (Eng. Abstr.) **(Jpn)**

[Phase II study of etoposide (VP-16) in the form of oral capsules for malignant lymphomas] Konishi I, et al. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1482-6 (Eng. Abstr.) **(Jpn)**

[A phase II study of oral VP-16 in primary lung cancer] Matsui Y, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1801-7 (Eng. Abstr.) **(Jpn)**

[VM-26 and cytosine arabinoside in the treatment of acute refractory lymphoblastic leukemia in adults] Marín P, et al. **Sangre (Barc)** 1984;29(4-A):399-404 (Eng. Abstr.) **(Spa)**

[Treatment of acute refractory lymphoblastic leukemia in the adult with VM-26 and ARA-C (letter)] Rafecas FJ, et al. **Sangre (Barc)** 1984;29(6):1052-3 **(Spa)**

CHEMICAL SYNTHESIS

[Asymmetric total synthesis of some biologically active natural products] Tomioka K. **Yakugaku Zasshi** 1984 Oct;104(10):1009-23 (44 ref.) (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

Inhibition of epipodophyllotoxin cytotoxicity by interference with topoisomerase-mediated DNA cleavage. Rowe T, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2483-7

THERAPEUTIC USE

Acute monoblastic leukemia in infancy and early childhood: successful treatment with an epipodophyllotoxin. Odom LF, et al. **Blood** 1984 Oct;64(4):875-82

[Phase II study of VP-16 (capsule) in solid tumors. A cooperative study] Honma T, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):309-13 (Eng. Abstr.) **(Jpn)**

[Phase II study of VP-16 (capsule) in malignant lymphomas. A cooperative study] Sampi K, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):314-9 (Eng. Abstr.) **(Jpn)**

TOXICITY

Role of topoisomerase II in mediating epipodophyllotoxin-induced DNA cleavage. Ross W, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5857-60

Comparative neurotoxicity of tubulin-binding drugs: inhibition of goldfish optic nerve regeneration. Davis RE, et al. **Toxicol Appl Pharmacol** 1985 Sep 15;80(2):308-15

POETRY

Poet, friend, and poetry: the idealized image of love in Shakespeare's sonnets. Lewis CR. **Am J Psychoanal** 1985 Summer;45(2):176-90

Wordsworth. Presidential address to the Bristol Medico-Chirurgical Society, 10th October 1984. Bailey I. **Bristol Med Chir J** 1985 Jan;100(373):1-9

Syphilus. Glickman FS. **J Am Acad Dermatol** 1985 Mar;12(3):593-6

A collection of poetry by a physician with progressive neurological disease. Anderson AD. **J Chronic Dis** 1984;37(11):863-8

Neurochemistry and Sherrington's enchanted loom [letter] Harrison DF. **J R Soc Med** 1984 Aug;77(8):706-7

A middle English verse compendium of astrological medicine. Mooney LR. **Med Hist** 1984 Oct;28(4):406-19

Elizabeth Barrett Browning. Leavesley J. **Med J Aust** 1985 Mar 18;142(6):365-7

Keats, Socrates and fool's parsley--water hemlock poisoning. Mack RB. **NC Med J** 1985 Mar;46(3):163-4

Poetry and medicine. Brueggemann JG. **Perspect Biol Med** 1985 Spring;28(3):370-3

Poetry, adolescence, and suicide. Hankoff LD. **Pharos** 1984 Spring;47(2):7-12

Ritual man: on the outside of Herbert's poetry. Kerrigan W. **Psychiatry** 1985 Feb;48(1):68-82

A time of hurt and confusion. **Suicide Life Threat Behav** 1984 Winter;14(4):284

Time to sleep. Gagne D. **Suicide Life Threat Behav** 1985 Summer;15(2):130

[The Annette von Droste-Hülshoff syndrome] Meyer-Schwickerath G. **Klin Monatsbl Augenheilkd** 1984 Jun;184(6):574-7 (Eng. Abstr.) **(Ger)**

[Social psychology of the reception of literature. Schiller 1859 in Germany: the poet as leader and savior] Noltenius R. **Psyche (Stuttg)** 1985 Jul;39(7):593-616 (Eng. Abstr.) **(Ger)**

[Frank Wedekind's street ballad 'The teacher of Mezzodur.' A poetisized case study from the area of forensic psychiatry] Weidl E. **Psyche (Stuttg)** 1985 Jul;39(7):634-47 (Eng. Abstr.) **(Ger)**

[Remarks with regard to the health, diseases and cause of death of Jan Kochanowski (1530-1584)] Müldner-Nieckowski P. **Arch Hist Med (Warsz)** 1985;48(1):51-62 (Eng. Abstr.) **(Pol)**

[The medical milieu of Mikhail Iur'evich Lermontov (on the 170th anniversary of his birth)] Nakhapetov BA. **Sov Zdravookhr** 1984;(11):68-71 **(Rus)**

POIKILODERMA CONGENITALE see under **SKIN DISEASES**

POISON CONTROL CENTERS

Availability of physicians through call schedules [letter] Schunk GJ. **Am J Dis Child** 1985 Jun;139(6):541

Poison information providers: an assessment of proficiency. Litovitz T, et al. **Am J Emerg Med** 1984 Mar;2(2):129-35

1983 annual report of the American Association of Poison Control Centers National Data Collection System. Veltri JC, et al. **Am J Emerg Med** 1984 Sep;2(5):420-43

Acceptance of viewdata for poisons information. Proudfoot AT, et al. **Br Med J [Clin Res]** 1984 Nov 24;289(6456):1420-1

Observations on the current status of poison control centers in the United States. Manoguerra AS, et al. **Clin Lab Med** 1984 Sep;4(3):561-73

Ingestions considered nontoxic. Mofenson HC, et al. **Clin Lab Med** 1984 Sep;4(3):587-602

Plants that poison in Uruguay. Pronczuk de Garbino J, et al. **J Toxicol Clin Toxicol** 1984 Jul;22(1):95-102

Regional poison centers: helpful resources for businesses. Kurt TL. **Occup Health Saf** 1985 Feb;54(2):38

Public awareness survey: the Maryland Poison Center and Mr. Yuk, 1981 and 1975. Oderda GM, et al. **Public Health Rep** 1985 May-Jun;100(3):278-82

American Association of Poison Control Centers. 1985 Membership Directory. **Vet Hum Toxicol** 1985 Jun;27(3):219-42

[Poison information centers in Scandinavia. The importance of follow-up of patients who have been poisoned] Onneby M. **Nord Med** 1984;99(11):298-9 **(Swe)**

HISTORY

[Prof. Leon Cholewa--founder of the model Clinical Toxicology Center] Pach J. **Przegl Lek** 1984;41(7):467-8 **(Pol)**

LEGISLATION & JURISPRUDENCE

Poison control legislation and state governmental funding in the United States. A report from the American Association of Poison Control Centers, Legislative Review and Governmental Affairs Committee. **Vet Hum Toxicol** 1985 Apr;27(2):120-4

Potential liabilities of poison centers. Report of panel discussion. Robertson WO. **Vet Hum Toxicol** 1984;26 Suppl 2:41

ORGANIZATION & ADMINISTRATION

Observations on the current status of poison control centers in the United States. Manoguerra AS, et al. **Emerg Med Clin North Am** 1984 Feb;2(1):185-97

Member hospital network for poison control. Chafee-Bahamon C, et al. **Vet Hum Toxicol** 1984;26 Suppl 2:20-3

UTILIZATION

A regional poison control system. Effect on response to hypothetical poisonings. Marcus SM, et al. **Am J Dis Child** 1984 Nov;138(11):1010-3

Ingestions considered nontoxic. Mofenson HC, et al. **Emerg Med Clin North Am** 1984 Feb;2(1):159-74

POISON IVY DERMATITIS

DIAGNOSIS

Sodium lauryl sulfate irritant patch tests. II. Variations of test responses among subjects and comparison to variations of allergic responses elicited by Toxicodendron extract. Dahl MV, et al. **J Am Acad Dermatol** 1984 Sep;11(3):474-7

A dermatologist picks up the marbles. Burton CS. **NC Med J** 1985 Jul;46(7):393

ETIOLOGY

Allergenicity of Toxicodendron sylvestre (Anacardiaceae). Mitchell JC, et al. **Contact Dermatitis** 1985 Feb;12(2):113-4

Contact dermatitis to Rhus succedanea. Nakamura T. **Contact Dermatitis** 1985 May;12(5):279

IMMUNOLOGY

Age differences in poison ivy dermatitis. Lejman E, et al. **Contact Dermatitis** 1984 Sep;11(3):163-7

PATHOLOGY

Black-spot poison ivy dermatitis. An acute irritant contact dermatitis superimposed upon an allergic contact dermatitis. Hurwitz RM, et al. **Am J Dermatopathol** 1984 Aug;6(4):319-22

POISONING

see related
ANTIDOTES

Pregnancy outcome and health conditions of offspring of self-poisoned pregnant women. Czeizel A, et al. **Acta Paediatr Hung** 1984;25(3):209-36

Toxicology: an annotated bibliography of the recent literature. Litovitz TL. **Am J Emerg Med** 1984 Sep;2(5):463-7

Yohimbine: a new street drug. Linden CH, et al. **Ann Emerg Med** 1985 Oct;14(10):1002-4

Symposium on environmental and occupational health hazards. **Clin Lab Med** 1984 Sep;4(3):449-639

Symposium on environmental emergencies. **Emerg Med Clin North Am** 1984 Aug;2(3):457-698

Symposium on medical toxicology. **Emerg Med Clin North Am** 1984 Feb;2(1):1-202

Poisoning in childhood. McGuigan MA. **Emerg Med Clin North Am** 1983 Apr;1(1):187-200

Repeat self-poisoning: who is at risk? Hassanyeh F, et al. **Practitioner** 1985 Feb;229(1400):177-81

Therapeutic drug monitoring in pediatric acute drug intoxications. Opheim KE, et al. **Ther Drug Monit** 1985;7(2):148-58 (93 ref.)

[Psychopharmaceuticals and pharmaceuticals as suicide agents] Drdková S, et al. **Cas Lek Cesk** 1985 Jan 18;124(3):78-9 (Eng. Abstr.) **(Cze)**

BLOOD

Ferguson's principle and the prediction of fatal drug levels in blood. King LA. **Hum Toxicol** 1985 May;4(3):273-8

[Controlled high voltage electrophoresis. Screening test for pathologically increased substance concentrations and toxicologic-chemical detection] Hebecker W, et al. **Z Med Lab Diagn** 1984;25(7):406-8 **(Ger)**

COMPLICATIONS

ABC of poisoning. Cardiovascular, neurological, and other complications. Nielsen M, et al. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):681-6

Severe acute drug overdose treated in ICU. Bredgaard Sørensen M, et al. **Hum Toxicol** 1984 Aug;3 Suppl:49S-51S

Esophageal spasm in a case of drug overdose [letter] Laaban JP, et al. **N Engl J Med** 1984 Nov 29;311(22):1443

Maternal toxicity: a possible etiological factor in embryo-fetal deaths and fetal malformations of rodent-rabbit species. Khera KS. **Teratology** 1985 Feb; 31(1):129-53

[Deep accidental hypothermia without cardiorespiratory arrest] Ricou F, et al. **Schweiz Med Wochenschr** 1985 Jan 12;115(2):55-9 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

Toxicological analysis in the emergency patient [editorial] Cohan SL. **Am J Emerg Med** 1984 Jul;2(4):369

The volume of a swallow: correlation of deglutition with patient and container parameters. Watson WA, et al. **Am J Emerg Med** 1983 Nov;1(3):278-81

Procedure for toxicological screening by use of a centrifugal fast analyzer [letter] Bosomworth MP. **Clin Chem** 1985 Jun; 31(6):1084-5

Caustic substance injuries. Wasserman RL, et al. **J Pediatr** 1985 Aug;107(2):169-74

The role of the toxicology laboratory in emergency medicine.II: Study of an integrated approach. Hepler BR, et al. **J Toxicol Clin Toxicol** 1984-85;22(6):503-28

Evaluation of benefits of drug analysis in the routine clinical management of acute self poisoning. Rygnestad T, et al. **J Toxicol Clin Toxicol** 1984 Jul;22(1):51-61

Evaluation of benefits of drug analysis in the routine clinical management of acute poisoning [letter] Teitelbaum DT. **J Toxicol Clin Toxicol** 1984-85;22(6):589-92

[Respiratory disorders in acute poisoning] Jegham H. **Cah Anesthesiol** 1984 Jan-Feb;32(1):49-51 **(Fre)**

[Forensic-toxicologic importance of the detection of active ingredients of drugs in human bone remains] Benkö A, et al. **Morphol Igazsagugyi Orv Sz** 1984 Oct;24(4):300-4 (Eng. Abstr.) **(Hun)**

[Aspects of assessing homeostatic function in acute peroral poisonings] Luzhnikov EA, et al. **Gig Tr Prof Zabol** 1985 Jan;(1):27-30 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Aspects on antidote therapy in acute poisoning affecting the nervous system. Persson H. **Acta Neurol Scand [Suppl]** 1984; 100:203-13

Activated charcoal reborn. Progress in poison management [editorial] Spyker DA. **Arch Intern Med** 1985 Jan; 145(1):43-4

Effect of charcoal-drug ratio on antidotal efficacy of oral activated charcoal in man. Olkkola KT. **Br J Clin Pharmacol** 1985 Jun;19(6):767-73

ABC of poisoning. Emergency drugs: agents used in the treatment of poisoning. Meredith T, et al. **Br Med J [Clin Res]** 1984 Sep 22;289(6447):742-8

Further uses of glucagon [letter] Linden CH, et al. **Crit Care Med** 1985 Apr;13(4):248

Home administration of syrup of ipecac to infants. McCray EA, et al. **Drug Intell Clin Pharm** 1984 Oct;18(10):792-3

The anecdotal antidotes. Litovitz TL. **Emerg Med Clin North Am** 1984 Feb;2(1):145-58 (58 ref.)

Continuous naloxone infusion for opiate poisoning in infancy. Tenenbein M. **J Pediatr** 1984 Oct;105(4):645-8

ETIOLOGY

The environment away from home as a source of potential poisoning. Polakoff JM, et al. **Am J Dis Child** 1984 Nov; 138(11):1014-7

Crocodile bile, a poison: myth or reality? Nyazema NZ. **Cent Afr J Med** 1984 Jun;30(6):102-3

Potential holiday poisonings. Kleoppel JW. **Vet Hum Toxicol** 1985 Apr;27(2):113-4

[Development of the poison concept] Elstner P. **Z Gesamte Hyg** 1984 Dec;30(12):684-6 (Eng. Abstr.) **(Ger)**

[Unusual poisonings and toxicologic study findings] Tiess D. **Z Gesamte Hyg** 1984 Dec;30(12):707-9 (Eng. Abstr.) **(Ger)**

HISTORY

[Control of occupational poisonings and diseases in the USSR during World War II] Arkhipov AS. **Gig Tr Prof Zabol** 1985 Apr;(4):1-4 **(Rus)**

METABOLISM

Drug levels found in cases of fatal self-poisoning. Paterson SC. **Forensic Sci Int** 1985 Feb;27(2):129-33

MORTALITY

Poisoning fatalities in Virginia. Valentour JC. **Med Leg Bull** 1985 Mar-Apr;34(2):1-5

Suicide and suicide attempts by the nonmedical use of drugs. **MMWR** 1985 Sep 20;34(37):570-1

[Mortality of patients discharged after acute drug and alcohol poisoning. A follow-up study of 615 patients discharged from the Municipal Hospital in Copenhagen in 1980] Christoffersen PJ, et al. **Ugeskr Laeger** 1985 Mar 25; 147(13):1133-7 (Eng. Abstr.) **(Dan)**

OCCURRENCE

Medicinal self-poisoning and prescription frequency. Forster DP, et al. **Acta Psychiatr Scand** 1985 Jun;71(6):567-74

1983 annual report of the American Association of Poison Control Centers National Data Collection System. Veltri JC, et al. **Am J Emerg Med** 1984 Sep;2(5):420-43

Drug overdose in children. Tibballs J, et al. **Aust Paediatr J** 1985 Feb;21(1):7-11

Repetition of self-poisoning and subsequent death in adolescents who take overdoses. Goldacre M, et al. **Br J Psychiatry** 1985 Apr;146:395-8

Self poisoning in 1984: a prediction that didn't come true [letter] Brewer C, et al. **Br Med J [Clin Res]** 1985 Feb 2;290(6465):391

Health effects of chemical products. Steensberg J. **Ecol Dis** 1982;1(4):201-12 (41 ref.)

Acute poisoning admissions in one of the hospitals in Ankara. Karakaya A, et al. **Hum Toxicol** 1985 May;4(3):323-6

Spectrum of poisonings among children in Afghanistan. Singh M, et al. **Indian J Pediatr** 1984 May-Jun; 51(410):313-6

Suicide and self-poisoning in three countries--a study from Ireland, England and Wales, and Denmark. Walsh D, et al. **Int J Epidemiol** 1984 Dec;13(4):472-4

Leads from the MMWR. Update: childhood poisonings--United States. **JAMA** 1985 Apr 5;253(13):1857

National trends in self-poisoning in women. Alderson MR. **Lancet** 1985 Apr 27;1(8435):974-5

Update: childhood poisonings--United States. **MMWR** 1985 Mar 8;34(9):117-8

Drug overdose during pregnancy: an overview from a metropolitan poison control center. Rayburn W, et al. **Obstet Gynecol** 1984 Nov;64(5):611-4

Hospital admissions for adverse reactions to drugs and deliberate self-poisoning. Cooke DI, et al. **S Afr Med J** 1985 May 11;67(19):770-2

The epidemiology of accidental poisoning in children. Korb FA, et al. **S Afr Med J** 1985 Aug 17;68(4):225-8

Self-poisoning: a study of female patients hospitalised in a general medical department in one year. Chee YC, et al. **Singapore Med J** 1984 Aug;25(4):240-3

Drug overdoses--a three year study at Altnagelvin Hospital, Londonderry. Murphy GJ, et al. **Ulster Med J** 1984; 53(2):131-9

Report of the Poison Control Center, Japan September 1, 1983-August 31, 1984. **Vet Hum Toxicol** 1985 Apr; 27(2):106-10

[Deliberate self-poisoning with drugs] Dupont M, et al. **Ugeskr Laeger** 1984 Jun 18;146(25):1877-80 (Eng. Abstr.) **(Dan)**

[Acute medicinal and alcoholic poisoning in the City of Copenhagen. 692 admissions to the Copenhagen Municipal hospital in 1980] von Staffeldt H, et al. **Ugeskr Laeger** 1984 May 7;146(19):1445-9 (Eng. Abstr.) **(Dan)**

[Childhood poisoning in the Montreal region] Baumgarten M, et al. **Union Med Can** 1985 May;114(5):373-7 (Eng. Abstr.) **(Fre)**

[Poisoning as a method of suicide in children and adolescents] Okonek S, et al. **Dtsch Med Wochenschr** 1985 Jan 25; 110(4):137-40 (Eng. Abstr.) **(Ger)**

[Accidental poisoning in children] Kacprzyk SS, et al. **Wiad Lek** 1985 Feb 1;38(3):188-93 (Eng. Abstr.) **(Pol)**

[Poisonings in pediatrics. Findings on 100 cases] Gamboa-Marrufo JD, et al. **Bol Med Hosp Infant Mex** 1985 Feb;42(2):122-6 (Eng. Abstr.) **(Spa)**

PATHOLOGY

[Risk of pharmacotherapy from the viewpoint of the pathologist] Haupt R. **Z Arztl Fortbild (Jena)** 1984; 78(23):985-8 **(Ger)**

[Toxicologic survey of findings in putrefied corpses. Corpse putrefaction in air] Arnold D, et al. **Z Rechtsmed** 1984; 93(3):151-64 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Acute drug abuse reactions. **Med Lett Drugs Ther** 1985 Sep 13;27(696):77-80

PREVENTION & CONTROL

The deterrent effect of poison-warning stickers. Vernberg K, et al. **Am J Dis Child** 1984 Nov;138(11):1018-20

Packaging requirements for investigational agents [letter] Goldfrank LR, et al. **Am J Hosp Pharm** 1985 Feb;42(2):273, 276

The community pharmacist as poison expert. Documenting the standards of practice. Shelly DW, et al. **Am Pharm** 1985 Feb;NS25(2):30-4

Comment: poisoning prevention [letter] Nelson RC. **Drug Intell Clin Pharm** 1985 Mar;19(3):210

Ingestions considered nontoxic. Mofenson HC, et al. **Emerg Med Clin North Am** 1984 Feb;2(1):159-74

Project Ipecac: an accident prevention program of the Robeson County Department of Health. Wester TB. **NC Med J** 1985 Jul;46(7):425-6

Poisonings. Steele P, et al. **Pediatr Clin North Am** 1985 Feb; 32(1):77-86

Poison prevention education. Temple AR. **Pediatrics** 1984 Nov;74(5 Pt 2):964-9

Safety closures after fifteen years. Maroncelli R, et al. **Vet Hum Toxicol** 1984;26 Suppl 2:16-7

[Features of hygienic control of contact contamination of the skin with industrial poisons] Krapotkina MA, et al. **Gig Tr Prof Zabol** 1984 Nov;(11):30-4 (Eng. Abstr.) **(Rus)**

PSYCHOLOGY

Overdoses: explanations and attitudes in self-poisoners and significant others. James D, et al. **Br J Psychiatry** 1985 May;146:481-5

Patients who take overdoses [letter] Halasz G, et al. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1905

Environmental and personality similarities in case histories of suicide and self-poisoning by children under ten. Corder BF, et al. **Suicide Life Threat Behav** 1984 Spring;14(1):59-66

[575 cases of suicidal behavior by taking poison] Zhao SQ. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Apr; 18(2):72-5 (Eng. Abstr.) **(Chi)**

THERAPY

Elimination methods in neurotoxicology. Heath A. **Acta Neurol Scand [Suppl]** 1984;100:215-24

Overdoses. Heller MB. **Am Fam Physician** 1985 Apr; 31(4):141-6

Therapy of digoxin intoxication in dogs by specific hemoperfusion through agarose polyacrolein microsphere beads-antidigoxin antibodies. Marcus L, et al. **Am Heart J** 1985 Jul;110(1 Pt 1):30-9

Hyperbaric oxygen and cyanide poisoning [letter] Kizer KW. **Am J Emerg Med** 1984 Jan;2(1):113

Cyanide poisoning treated with hyperbaric oxygen [clinical conference] Litovitz TL, et al. **Am J Emerg Med** 1983 Jul; 1(1):94-101

Drug clearance by diarrhea induction. Porter RS, et al. **Am J Emerg Med** 1985 May;3(3):182-6

Management of acutely poisoned patients without gastric emptying. Kulig K, et al. **Ann Emerg Med** 1985 Jun; 14(6):562-7

Use of fab fragments of digoxin-specific antibodies in the therapy of massive digoxin poisoning. Leikin J, et al. **Ann Emerg Med** 1985 Feb;14(2):175-8

Absorption of ipecac alkaloids in emergency patients. Moran DM, et al. **Ann Emerg Med** 1984 Dec;13(12):1100-2

Abandon gastric lavage in the accident and emergency department? [letter] Adams RH. **Arch Emerg Med** 1984 Dec;1(4):234-5

ABC of poisoning. Miscellaneous drugs. Boland M, et al. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1361-5

Patients who take overdoses [editorial] Kessel N. **Br Med J [Clin Res]** 1985 May 4;290(6478):1297-8

Role of the emergency physician in treatment of the poisoned patient. Guzzardi LJ. **Clin Lab Med** 1984 Sep;4(3):615-25

Toxidromes. Mofenson HC, et al. **Compr Ther** 1985 Feb; 11(2):46-52

The alcoholic patient as a toxic emergency. Becker CE. **Emerg Med Clin North Am** 1984 Feb;2(1):47-61

Gastrointestinal decontamination in the management of the poisoned patient. Cupit GC, et al. **Emerg Med Clin North Am** 1984 Feb;2(1):15-28

Hazardous chemicals. Doyle CJ. **Emerg Med Clin North Am** 1983 Dec;1(3):653-7

Role of the emergency physician in treatment of the poisoned patient. Guzzardi LJ. **Emerg Med Clin North Am** 1984 Feb; 2(1):3-13

Toxicology of drug abuse. McGuigan MA. **Emerg Med Clin North Am** 1984 Feb;2(1):87-101

The adolescent overdose. Evaluation and referral. McIntire MS, et al. **Emerg Med Clin North Am** 1984 Feb;2(1):175-84

Diuresis, dialysis, and hemoperfusion. Indications and benefits. Pond SM. **Emerg Med Clin North Am** 1984 Feb; 2(1):29-45

The social, psychological and medical management of intoxication. Geller A. **J Subst Abuse Treat** 1984;1(1):11-9

Clinical experience with the use of charcoal haemoperfusion: is prostacyclin required? Kennedy HJ, et al. **Life Support Syst** 1985 Apr-Jun;3(2):115-22

Treatment of acute poisoning. Shenfield GM. **Med J Aust** 1985 Jun 10;142(12):632-5

Theoretical study of haemoperfusion: drugs obeying a one-compartment pharmacokinetics model. Guenzet J, et al. **Methods Find Exp Clin Pharmacol** 1985 May;7(5):259-68

Risk assessment of ipecac in the home. Chafee-Bahamon C, et al. **Pediatrics** 1985 Jun;75(6):1105-9

Ipecac use in the home. Rumack BH. **Pediatrics** 1985 Jun; 75(6):1148

Public awareness survey: the Maryland Poison Center and Mr. Yuk, 1981 and 1975. Oderda GM, et al. **Public Health Rep** 1985 May-Jun;100(3):278-82

[Poisoning in childhood. Clinical aspects and therapy] Mantel K, et al. **Fortschr Med** 1984 Dec 20;102(47-48):1193-8 (Eng. Abstr.) **(Ger)**

[The need for interdisciplinary cooperation exemplified by patients with exogenous poisoning] Wisthal B. **Z Arztl Fortbild (Jena)** 1984;78(15):651-2 **(Ger)**

[The treatment of chemical warfare casualties—a medical and organizational challenge (editorial)] Shemer J, et al. **Harefuah** 1985 Mar 1;108(5):261-3 **(Heb)**

[Clinical study on therapeutic plasmapheresis—mechanism of its efficacy, indications, and the clinical application. f. Drug poisoning and plasmapheresis] Ishibashi A, et al. **Nippon Rinsho** 1984 Aug;42(8):1881-5 **(Jpn)**

[Hemoperfusion in the treatment of acute poisoning] Bakula S, et al. **Pol Tyg Lek** 1985 Feb 25;40(8):213-5 (Eng. Abstr.) **(Pol)**

[Detoxification of portal system blood in the combined treatment of peroral poisonings] Matkevich VA, et al. **Farmakol Toksikol** 1984 Sep-Oct;47(5):93-6 (Eng. Abstr.) **(Rus)**

[Age-related aspects of intensive therapy of acute poisoning of chemical etiology] Luzhnikov EA, et al. **Ter Arkh** 1985; 57(5):115-9 (Eng. Abstr.) **(Rus)**

VETERINARY

Investigations into Crofton weed (Eupatorium adenophorum) toxicity in horses. O'Sullivan BM. **Aust Vet J** 1985 Jan; 62(1):30-2

Incidence of poisonings in dogs and cats in Melbourne. Studdert VP. **Aust Vet J** 1985 Apr;62(4):133-5

Practical toxicologic diagnosis. Mount ME, et al. **Mod Vet Pract** 1984 Aug;65(8):589-95

Suspected poisoning in a working spaniel [letter] Remnant CT. **Vet Rec** 1984 Dec 8;115(23):606

POISONS

see related
TOXICOLOGY

Toxicology: an annotated bibliography of the recent literature. Litovitz TL. **Am J Emerg Med** 1984 Sep; 2(5):463-7

Taste potentiation of poisoned odor by temporal contiguity. Coburn KL, et al. **Behav Neurosci** 1984 Oct;98(5):813-9

Method for estimating the human and environmental exposure potential of chemicals having designated uses. Byer WL. **J Chem Inf Comput Sci** 1985 May;25(2):84-90

[Methodological bases for the clinical hygienic verification of the MPEL for chemical substances] Monaenkova AM, et al. **Gig Tr Prof Zabol** 1985 Mar;(3):12-5 **(Rus)**

ANALYSIS

[Development of the poison concept] Elstner P. **Z Gesamte Hyg** 1984 Dec;30(12):684-6 (Eng. Abstr.) **(Ger)**

[Detectability of poisons in paraffin-embedded organ parts] Klöppel A, et al. **Z Rechtsmed** 1984;93(4):269-72 (Eng. Abstr.) **(Ger)**

BLOOD

Transport of conjugates of toxicants by blood proteins. Shah PV, et al. **Toxicol Lett** 1985 Feb-Mar;24(2-3):215-20

HISTORY

Arrow poisons in south Asia. Part 1. Arrow poisons in ancient India. Bisset NG, et al. **J Ethnopharmacol** 1984 Oct; 12(1):1-24

METABOLISM

[Toxicologic survey of findings in putrefied corpses. Corpse putrefaction in air] Arnold D, et al. **Z Rechtsmed** 1984; 93(3):151-64 (Eng. Abstr.) **(Ger)**

[Evaluation of cumulative properties of harmful substances suggested by V.I. Tikhonov and V.K. Shitikov] Shtabskii BM. **Gig Sanit** 1985 Jan;(1):70-3 **(Rus)**

TOXICITY

Utilization of data obtained in pilot acute experiments for practical hygienic assessment of a chemical substance. Krivucová M. **J Hyg Epidemiol Microbiol Immunol** 1985; 29(1):15-8

On the establishing of permissible relations between MACC- and MACT-values of harmful substances. Schmidt P, et al. **J Hyg Epidemiol Microbiol Immunol** 1985;29(1):19-22

Testing for the toxicity of chemicals with Tetrahymena pyriformis. Yoshioka Y, et al. **Sci Total Environ** 1985 May; 43(1-2):149-57

[Information from the Soviet Toxicology Center] **Farmakol Toksikol** 1984 Nov-Dec;47(6):117-20 **(Rus)**

[Information from the Soviet Toxicology Center] **Gig Sanit** 1985 Jun;(6):87-90 **(Rus)**

[Information from the Soviet Toxicology Center] **Gig Tr Prof Zabol** 1984 Jul;(7):53-9 **(Rus)**

POISSON DISTRIBUTION see **PROBABILITY**

POKEWEED LECTINS see **POKEWEED MITOGENS**

POKEWEED MITOGENS

Accessory cell function of human alveolar macrophages in B-cell activation induced by pokeweed mitogen. McCarron RM, et al. **Clin Immunol Immunopathol** 1984 Dec; 33(3):351-62

IMMUNOLOGY

Restoration of immunosuppression in lung cancer by normal sera. Hadjipetrou-Kourounakis L, et al. **J Clin Lab Immunol** 1985 Mar;16(3):149-53

PHARMACODYNAMICS

Augmentation of pokeweed mitogen-induced immunoglobulin production by cord T-cell supernatants. Brazil J, et al. **Biol Neonate** 1985;47(1):36-41

Myeloid differentiation-inducing factors produced by pokeweed mitogen-treated normal G1/0 lymphocytes but not chronic lymphocytic leukemia cells. Yen A, et al. **Cancer Res** 1985 Sep;45(9):4060-6

The influence of autologous cell interactions on spontaneous and pokeweed mitogen-induced immunoglobulin production. Beale MG. **Cell Immunol** 1985 May; 92(2):427-37

Inhibition of pokeweed mitogen-induced B cell differentiation by compounds containing primary amine or hydrazine groups. de Boccardo G, et al. **Clin Exp Immunol** 1985 Jan;59(1):69-76

Functional behaviour and immunological phenotype of circulating B lymphocytes in multiple myeloma. Studies with pokeweed mitogen. Gobbi M, et al. **Clin Exp Immunol** 1984 Dec;58(3):625-30

Modified spontaneous and mitogen-stimulated IgG synthesis in lymphocytes from rheumatoid synovial fluid. Nakamura T, et al. **Clin Exp Rheumatol** 1983 Oct-Dec;1(4):317-22

Mitogen-induced B-cell differentiation in Xenopus laevis. Schwager J, et al. **Differentiation** 1984;27(3):182-8

Gamma interferon enhances mitogenic responses induced by pokeweed mitogen. Aoki N, et al. **Immunol Lett** 1985; 10(2):87-90

In vitro synthesis of IgE in atopic and nonatopic individuals: the effects of pokeweed mitogen, Staphylococcus aureus-derived mitogens, and cycloheximide. Levo Y, et al. **Isr J Med Sci** 1985 May;21(5):425-9

Purification of a multipotential colony-stimulating factor from pokeweed mitogen-stimulated mouse spleen cell conditioned medium. Cutler RL, et al. **J Biol Chem** 1985 Jun 10;260(11):6579-87

The effect of purified alpha 1 antitrypsin on PWM driven IgG synthesis. Breit SN, et al. **J Clin Lab Immunol** 1984 Aug;14(4):191-3

In vitro induction of B cell differentiation in canine mononuclear blood cells: bacterial lipopolysaccharide modulates the action of pokeweed mitogen. Prümmer O, et al. **J Immunol Methods** 1984 Dec 14;75(1):193-9

A determination method of blast formation rate of lymphocytes using a blood cell counter. Tatsumi N, et al. **Osaka City Med J** 1984 Jun;30(1):69-78

[Effect of phytohemagglutinin, pokeweed mitogen and blood serum on the in vitro cloning of normal hematopoietic cells and in leukemias] Kulibaba TG. **Eksp Onkol** 1985;7(1):42-5 (Eng. Abstr.) **(Rus)**

POL I see **DNA POLYMERASE I**

POL II see **DNA POLYMERASE II**

POLAND SYNDROME see under **SYNDACTYLIA**

POLAR RECOMBINATION see **GENE CONVERSION**

POLAR REGIONS see **COLD CLIMATE**

POLARCARDIOGRAPHY see under
VECTORCARDIOGRAPHY

POLARITY OF TRANSLATION see under
TRANSLATION, GENETIC

POLAROGRAPHY

[Effect of halothane on polarographic pO2 measurement] Riedel E, et al. **Z Exp Chir Transplant Kunstliche Organe** 1985;18(3):182-3 (Eng. Abstr.) **(Ger)**

INSTRUMENTATION

A microchamber for polarographic assay. Haas RH, et al. **Biochem Med** 1984 Aug;32(1):138-43

Direct in vivo measurement of corneal epithelial metabolic activity using a polarographic oxygen sensor. Holden BA, et al. **Ophthalmic Res** 1985;17(3):168-73

[Effect of environmental factors on platinum microelectrode readings in calibration solutions] Speranskiĭ NN. **Patol Fiziol Eksp Ter** 1984 Jul-Aug;(4):77-8 **(Rus)**

METHODS

Polarography: an oxygen survey correlating oxygen transmissibility to 'EOP' values. Roscoe WR, et al. **Invest Ophthalmol Vis Sci** 1984 Dec;25(12):1451-3

Microelectrode for measuring local cortical oxygen tension and blood flow in the same microareas of cat cortex. Yonekura M, et al. **Neurol Res** 1985 Jun;7(2):89-92

[Determination of vitamin K3 in plasma by differential pulse polarography] Kusu F, et al. **Yakugaku Zasshi** 1985 Jan; 105(1):38-41 (Eng. Abstr.) **(Jpn)**

[Polarographic method of determining bacterial catalase] Vasil'eva EI, et al. **Lab Delo** 1984;(12):752-4 (Eng. Abstr.) **(Rus)**

POLARON see **GENE CONVERSION**

POLICY MAKING

see related
HEALTH POLICY
PUBLIC POLICY

Organ procurement: hospitals need improved policies and protocols. Martin DL. **Dimens Health Serv** 1984 Nov; 61(11):32

Nurses as a social force. Holleran C. **Int Nurs Rev** 1985 Jan-Feb;32(1):14-6

Nursing: past trends, future policies. White R. **J Adv Nurs** 1984 Sep;9(5):505-12

Altruism is not enough: barriers in the development of nursing as a profession. White R. **J Adv Nurs** 1984 Nov; 9(6):555-62

Health care issues on the Hill: working toward solutions. Rowland JR. **J Med Assoc Ga** 1984 Oct;73(10):667-70

Forecasting for nursing policy: a news-based image approach. Kalisch BJ, et al. **Nurs Res** 1985 Jan-Feb; 34(1):44-9

Hospital ethics committees and hospital policy. Thomasma DC. **QRB** 1985 Jul;11(7):204-9

POLIOMYELITIS

Neonatal poliomyelitis. Sathy N, et al. **Indian J Pediatr** 1984 Jul-Aug;51(411):413-4

COMPLICATIONS

Protective effect of poliomyelitis on psoriatic arthritis. Weiner SR, et al. **Arthritis Rheum** 1985 Jun;28(6):703-6

Post-polio syndrome. Bailey AA. **J Med Assoc Ga** 1985 Jul; 74(7):510-1

Prevalence of residual paralysis from paralytic poliomyelitis in some urban and semi-rural areas of the Sudan, November 1982. Olive JM, et al. **J Trop Pediatr** 1984 Dec;30(6):329-33

[Effect of a constant electric field on flaccid paralysis of the lower limb after acute poliomyelitis] Cieszyński T, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(1):59-64 (Eng. Abstr.) **(Pol)**

[Immunofixation of the cerebrospinal fluid in post-poliomyelitis progressive muscular atrophy (letter)] Alvarez-Cermeño JC, et al. **Rev Clin Esp** 1985 Jun; 177(1):45-6 **(Spa)**

DIAGNOSIS

[Conference at the Salpêtrière. Progressive cerebellar astasia, tendinous areflexia, abnormal movements and inflammatory cerebrospinal fluid in a 77-year-old woman] Lapresle J, et al. **Rev Neurol (Paris)** 1984;140(12):746-51 **(Fre)**

DRUG THERAPY

United States physicians in Nicaragua [letter] Schlenker TL. **Am J Dis Child** 1985 May;139(5):440

ETIOLOGY

Evaluation of the neurovirulence test of oral poliovaccines in Japan during the period 1963-1982. Chino F, et al. **Jpn J Med Sci Biol** 1984 Oct-Dec;37(5-6):233-40

Vaccine-associated poliomyelitis [letter] **Lancet** 1984 Dec 15; 2(8416):1390-1

The popularity of injections in the Third World: origins and consequences for poliomyelitis. Wyatt HV. **Soc Sci Med** 1984;19(9):911-5

Provocation of poliomyelitis by multiple injections. Wyatt HV. **Trans R Soc Trop Med Hyg** 1985;79(3):355-8

[Recent advance in research on the incidence of paralysis following immunization with live oral polio vaccine] Hu XM. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Apr; 6(2):125-7 (32 ref.) **(Chi)**

[Prevention of poliomyelitis: live or killed vaccine? Remarks apropos of 2 cases of poliomyelitis] Bergouignan FX, et al. **Presse Med** 1984 Oct 20;13(37):2241-3 (Eng. Abstr.) **(Fre)**

FAMILIAL & GENETIC

Chromosome aberrations and sister-chromatid exchanges (SCEs) in peripheral blood lymphocytes of patients suffering from poliomyelitis. Bhatnagar A, et al. **Mutat Res** 1984 Sep;141(1):55-8

HISTORY

Oral poliovirus vaccine: history of its development and use and current challenge to eliminate poliomyelitis from the world. Sabin AB. **J Infect Dis** 1985 Mar;151(3):420-36

The poliomyelitis story: a scientific hegira. Horstmann DM. **Yale J Biol Med** 1985 Mar-Apr;58(2):79-90

IMMUNOLOGY

Serum antibodies to poliomyelitis in Italy. Santoro R, et al. **Bull WHO** 1984;62(4):591-5

Induction of long-term immunity to paralytic poliomyelitis by use of non-infectious vaccine. Salk D, et al. **Lancet** 1984

Dec 8;2(8415):1317-21

[Immune status for poliomyelitis, rubella and measles of the Dutch population 10 years or older in 1980; a serological study] Conyn-van Spaendonck MA, et al. **Ned Tijdschr Geneeskd** 1984 Oct 6;128(40):1884-7 (Eng. Abstr.) **(Dut)**

[Immune status of the population to poliomyelitis, measles and rubella. Chile, 1983] Schuster A, et al. **Bol Of Sanit Panam** 1984 Aug;97(2):165-8 **(Spa)**

MICROBIOLOGY

Neutralization epitope patterns of poliovirus strains isolated from paralytic cases. Crainic R, et al. **Dev Biol Stand** 1984; 57:165-70

Neurovirulence of the intertypic poliovirus recombinant v3/a1-25: characterization of strains isolated from the spinal cord of diseased monkeys and evaluation of the contribution of the 3' half of the genome. Agol VI, et al. **J Gen Virol** 1985 Feb;66 (Pt 2):309-16

[Virological study on 7 cases of atypical poliomyelitis] Tang WY. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Apr;18(2):102-4 (Eng. Abstr.) **(Chi)**

OCCURRENCE

Epidemiological aspects of a poliomyelitis outbreak in Taiwan, 1982. Chen CJ, et al. **Ann Acad Med Singapore** 1984 Apr;13(2):149-55

CDSC report. Outbreak of poliomyelitis in Finland. **Br Med J [Clin Res]** 1985 Jul 6;291(6487):41-2

A poliomyelitis survey the simple way: the Tanzanian experience. Cross AB, et al. **Br Med J [Clin Res]** 1985 Aug 24;291(6494):532-4

Prevalence of poliomyelitis in India. Basu RN, et al. **Indian J Pediatr** 1984 Sep-Oct;51(412):515-9

Special combined survey for poliomyelitis and neonatal tetanus as supplement to routine surveillance system in India. Basu RN, et al. **J Commun Dis** 1984 Jun;16(2):148-53

Poliomyelitis in Alleppey town, Kerala. Chakraborty S, et al. **J Commun Dis** 1984 Dec;16(4):328-9

Leads from the MMWR. Poliomyelitis--Finland. **JAMA** 1985 Mar 8;253(10):1383-4

Two cases of vaccine-associated paralytic poliomyelitis linked in time and place [letter] Cruickshank JG, et al. **Lancet** 1984 Oct 6;2(8406):804-5

Poliomyelitis in the USA: virtual elimination of disease caused by wild virus. Kim-Farley RJ, et al. **Lancet** 1984 Dec 8;2(8415):1315-7

Outbreak of paralytic poliomyelitis, Taiwan. Kim-Farley RJ, et al. **Lancet** 1984 Dec 8;2(8415):1322-4

Paralytic poliomyelitis in Finland [letter] Leinikki PO, et al. **Lancet** 1985 Aug 31;2(8453):507

Outbreak of paralytic poliomyelitis [letter] Smith WC. **Lancet** 1985 Jan 19;1(8421):174

Paralytic poliomyelitis--United States, 1982 and 1983. **MMWR** 1984 Nov 16;33(45):635-8

Poliomyelitis--Finland. **MMWR** 1985 Jan 11;34(1):5-6

[Paralytic poliomyelitis epidemic in Finland 1984-85] Kinnunen E, et al. **Duodecim** 1985;101(12):1178-84 **(Fin)**

[Poliomyelitis in New Caledonia. Virological and serological data. Pre-immune status and post-vaccinal seroconversion. Prophylactic strategy] Panon G, et al. **Bull Soc Pathol Exot Filiales** 1985;78(3):321-33 (Eng. Abstr.) **(Fre)**

[A seroepidemiological study of polio in Thailand and investigation of the OPV (oral polio vaccine) immunization] Yamada M. **Nippon Ika Daigaku Zasshi** 1985 Feb;52(1):20-38 (Eng. Abstr.) **(Jpn)**

[Frequency of paralytic poliomyelitis in Tecomán, Colima, in a school survey of lameness] Cárdenas Ayala VM, et al. **Salud Publica Mex** 1985 Jan-Feb;27(1):52-9 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Ultrastructural and immunofluorescent studies of acute and chronic lactate dehydrogenase elevating virus-induced nonparalytic poliomyelitis in mice. Stroop WG, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):261-74

PHYSIOPATHOLOGY

Fade in voluntary muscle contractions of patients with sequelae after poliomyelitis. Secher NH. **Acta Anaesthesiol Scand** 1984 Aug;28(4):469-72

Electrophysiological features in patients with non-progressive and late progressive weakness after paralytic poliomyelittis. Conventional E.M.G. automatic analysis of the electromyogram and single fiber electromyography study. Cruz Martinez A, et al. **Electromyogr Clin Neurophysiol** 1984 Aug-Sep; 24(6):469-79

Neurotoxicity and vincristine [letter] Miller BR. **JAMA** 1985 Apr 12;253(14):2045

Cardiopulmonary responses during arm work on land and in a water environment of nonambulatory, spinal cord impaired individuals. DiRocco P, et al. **Paraplegia** 1985 Apr;23(2):90-9

PREVENTION & CONTROL

Immune response of neonates to oral poliomyelitis vaccine. John TJ. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):881

Immunization coverage increased in Suriname. **Bull Pan Am Health Organ** 1985;19(1):101-2

Worldwide polio suppression gains support [news] Gunby P. **JAMA** 1984 Dec 14;252(22):3086, 3091

Parental knowledge of their own immunization to poliomyelitis [letter] Le CT. **JAMA** 1985 Aug 2; 254(5):608-9

Poliovaccine strategy [letter] **Lancet** 1985 Feb 2; 1(8423):285-6

Poliovaccine strategy [letter] Johnstone T. **Lancet** 1985 Mar 23;1(8430):695

National immunization policymaking. A controversial endeavor. Amren DP, et al. **Postgrad Med** 1985 Feb 1; 77(2):93-6, 99-100

Immunization with oral poliovirus vaccine in China. Dong DX. **Prog Med Virol** 1985;31:212-21

Control of poliomyelitis in Bulgaria: experience of two decades. Rangelova SM. **Prog Med Virol** 1985;31:183-211

Vaccinology of poliomyelitis. Salk D, et al. **Vaccine** 1984 Mar;2(1):59-74 (91 ref.)

[Poliomyelitis vaccination in Denmark] Petersen I. **Ugeskr Laeger** 1985 Jan 21;147(4):265-9 (Eng. Abstr.) **(Dan)**

[Antipoliomyelitis vaccination of young children with a new inactivated vaccine. Serological results] Grenier B, et al. **Arch Fr Pediatr** 1985 Apr;42(4):321-3 (Eng. Abstr.) **(Fre)**

[Complications following preventive oral poliomyelitis vaccination] Wutzler P, et al. **Padiatr Grenzgeb** 1984; 23(5):289-97 (Eng. Abstr.) **(Ger)**

[Vaccination against poliomyelitis] Cellesi C, et al. **Pediatr Med Chir** 1984 Jan-Feb;6(1):13-5 (Eng. Abstr.) **(Ita)**

[Current problems of the epidemiological surveillance of poliomyelitis] Vaserin IuI, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):81-5 (Eng. Abstr.) **(Rus)**

PSYCHOLOGY

Polio survivors find support. Swan S. **Colo Med** 1984 Oct; 81(10):164, 167

REHABILITATION

Some special rehabilitation engineering devices. Brearley MN. **Australas Phys Eng Sci Med** 1984 Oct-Dec;7(4):150-2

Methodological and conceptual issues in measuring the long term impact of disability: the experience of poliomyelitis patients in Manitoba. Kaufert PL, et al. **Soc Sci Med** 1984; 19(6):609-18

THERAPY

Poliomyelitis in Taiwan: lessons for developing countries [letter] John TJ. **Lancet** 1985 Apr 13;1(8433):872-3

VETERINARY

An outbreak of poliomyelitis caused by poliovirus type I in captive black and white colobus monkeys (Colobus abyssinicus kikuyuensis) in Kenya. Suleman MA, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):665-9

POLIOMYELITIS, BULBAR

THERAPY

Interferon treatment of poliomyelitis [letter] Levin S. **J Infect Dis** 1985 Apr;151(4):745-6

POLIOVIRUS

Septage treatments to reduce the numbers of bacteria and polioviruses. Stramer SL, et al. **Appl Environ Microbiol** 1984 Sep;48(3):566-72

The poliomyelitis story: a scientific hegira. Horstmann DM. **Yale J Biol Med** 1985 Mar-Apr;58(2):79-90

ANALYSIS

Influence of adsorption time, rocking, and soluble proteins on the plaque assay of monodispersed poliovirus. Richards GP, et al. **Appl Environ Microbiol** 1985 Apr;49(4):744-8

Characterization of a solvent system for separation of water-insoluble poliovirus proteins by reversed-phase high-performance liquid chromatography. Heukeshoven J, et al. **J Chromatogr** 1985 Jun 19;326:91-101

Identification of a new neutralization antigenic site on poliovirus coat protein VP2. Emini EA, et al. **J Virol** 1984 Nov;52(2):719-21

Trypsin sensitivity of the Sabin strain of type 1 poliovirus: cleavage sites in virions and related particles. Fricks CE, et al. **J Virol** 1985 Jun;54(3):856-9

DRUG EFFECTS

Relative resistance to chlorine of poliovirus and coxsackievirus isolates from environmental sources and drinking water. Payment P, et al. **Appl Environ Microbiol** 1985 Apr;49(4):981-3

Poliovirus and vesicular stomatitis virus replication in the presence of 6-diazo-5-oxo-L-norleucine or 2-deoxy-D-glucose. Goldstein G, et al. **J Med Virol** 1984; 14(2):159-67

A simple method for the evaluation of antiseptic and disinfectant virucidal activity. Boudouma M, et al. **J Virol Methods** 1984 Dec;9(4):271-6

Influence of some organic additives to the culture medium on the size of poliovirus-induced plaques. Botiş S, et al. **Virologie** 1985 Jan-Mar;36(1):59-61

[Inhibition of poliovirus replication by an extract of Matricaria chamomilla (L)] Vilaginès P, et al. **C R Acad Sci [III]** 1985;301(6):289-94 (Eng. Abstr.) **(Fre)**

ENZYMOLOGY

Poliovirus replicase stimulation by terminal uridylyl transferase. Andrews NC, et al. **J Biol Chem** 1985 Jun 25; 260(12):7628-35

Poliovirus protease 3C (P3-7c) does not cleave P220 of the eucaryotic mRNA cap-binding protein complex. Lee KA, et al. **J Virol** 1985 Aug;55(2):489-93

Poliovirus protease does not mediate cleavage of the 220,000-Da component of the cap binding protein complex. Lloyd RE, et al. **Proc Natl Acad Sci USA** 1985 May; 82(9):2723-7

Biochemistry and structure of picornavirus proteases. Ivanoff LA, et al. **Prog Clin Biol Res** 1985;180:255-6

[Internal homology in the primary structure of the polyprotein of the poliovirus: the possible existence of 2 viral proteinases] Blinov VM, et al. **Dokl Akad Nauk SSSR** 1985;281(4):984-7 **(Rus)**

[Structural similarity of poliovirus cysteine proteinase P3-7c and cellular serine proteinase of trypsin] Blinov VM, et al. **Dokl Akad Nauk SSSR** 1984;279(2):502-5 **(Rus)**

GENETICS

The host protein required for in vitro replication of poliovirus is a protein kinase that phosphorylates eukaryotic initiation factor-2. Morrow CD, et al. **Cell** 1985 Apr;40(4):913-21

Cloned infectious complementary DNA of the poliovirus Sabin 1 genome: biochemical and biological properties of the recovered virus. Omata T, et al. **Gene** 1984 Dec; 32(1-2):1-10

Expression of poliovirus complementary DNA coding for viral antigenic determinants in Escherichia coli. Kuge S, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):305-12

Use of subgenomic poliovirus DNA hybridization probes to detect the major subgroups of enteroviruses. Rotbart HA, et al. **J Clin Microbiol** 1984 Dec;20(6):1105-8

Effect of poliovirus superinfection on Sendai virus protein synthesis. Giorgi C, et al. **J Virol** 1984 Oct;52(1):298-9

In vitro phenotypic markers of a poliovirus recombinant constructed from infectious cDNA clones of the neurovirulent Mahoney strain and the attenuated Sabin 1 strain. Kohara M, et al. **J Virol** 1985 Mar;53(3):786-92

Isolation and structural characterization of cap-binding proteins from poliovirus-infected HeLa cells. Lee KA, et al. **J Virol** 1985 May;54(2):515-24

Shutoff of host translation by encephalomyocarditis virus infection does not involve cleavage of the eucaryotic initiation factor 4F polypeptide that accompanies poliovirus infection. Mosenkis J, et al. **J Virol** 1985 May;54(2):643-5

Poliovirus RNA-dependent RNA polymerase and host cell protein synthesize product RNA twice the size of poliovirion RNA in vitro. Young DC, et al. **J Virol** 1985 May;54(2):256-64

Increased neurovirulence associated with a single nucleotide change in a noncoding region of the Sabin type 3 poliovaccine genome. Evans DM, et al. **Nature** 1985 Apr 11-17;314(6011):548-50

Primary structural comparison of RNA-dependent polymerases from plant, animal and bacterial viruses. Kamer G, et al. **Nucleic Acids Res** 1984 Sep 25; 12(18):7269-82

Recombination and rescue between temperature-sensitive mutants of poliovirus type 1. Agut H, et al. **Virology** 1984 Dec;139(2):393-402

Biochemical characterization of poliovirus type 1 temperature-sensitive mutants. Bellocq C, et al. **Virology** 1984 Dec;139(2):403-7

[Initiation of RNA replication] Takegami T. **Tanpakushitsu Kakusan Koso** 1984 Jul;29(7):551-63 (86 ref.) **(Jpn)**

[Organization and expression of poliovirus genome] Vevcherenko SG. **Mol Biol (Mosk)** 1984 Jul-Aug; 18(4):1011-8 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Comparison of the airborne survival of calf rotavirus and poliovirus type 1 (Sabin) aerosolized as a mixture. Ijaz MK, et al. **Appl Environ Microbiol** 1985 Feb;49(2):289-93

Evidence for conformational changes of poliovirus precursor particles during virus morphogenesis. Wiegers KJ, et al. **J Gen Virol** 1985 May;66 (Pt 5):1037-44

Entry of poliovirus type 1 and Mouse Elberfeld (ME) virus into HEp-2 cells: receptor-mediated endocytosis and endosomal or lysosomal uncoating. Zeichhardt H, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):483-92

Propagation of large quantities of poliovirus in human lymphoblastoid cells grown in a serum-free medium. Bjare U. **J Virol Methods** 1984 Nov;9(3):259-68

IMMUNOLOGY

Poliovirus neutralization and the percentage law. Brief report. Brioen P, et al. **Arch Virol** 1985;83(1-2):105-11

Binding of neutralizing monoclonal antibodies to empty capsids of poliovirus can be blocked by monospecific antisera to structural polypeptides VP1 and VP2. Uhlig H, et al. **Arch Virol** 1985;83(3-4):295-303

Seroimmunity to poliomyelitis in hospital personnel. Tang RB, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1984 Nov;17(4):188-92

The use of a monoclonal antibody and of DNA recombinant technology for the localization of a poliovirus neutralization epitope in viral capsid polypeptide VP1. Bruneau P, et al. **Dev Biol Stand** 1984;57:177-85

Neutralization epitope patterns of poliovirus strains isolated from paralytic cases. Crainic R, et al. **Dev Biol Stand** 1984;57:165-70

Antigenic analysis of poliovirus type 3 using monoclonal antibodies. Ferguson M, et al. **Dev Biol Stand** 1984;57:151-5

Application of monoclonal antibodies for the identification of the antigenic site for poliovirus neutralization. Minor PD, et al. **Dev Biol Stand** 1984;57:171-5

Strain differentiation of polioviruses with monoclonal antibodies. Osterhaus AD, et al. **Dev Biol Stand** 1984;57:135-9

Studies of the antigenic variation in poliovirus type 1. Selection and analysis of variant strains with monoclonal antibodies by neutralization. Thibodeau L, et al. **Dev Biol Stand** 1984;57:157-63

Monoclonal antibodies reveal in blocking reactions the antigenicity and antibody response of poliovirus. Uhlig H, et al. **Dev Biol Stand** 1984;57:187-91

Use of monoclonal antibodies prepared with Sabin vaccine viruses for the characterization of poliovirus strains isolated in Canada. Wachmann B, et al. **Dev Biol Stand** 1984;57:141-9

Lack of quantitative correlation between the neutralization of poliovirus and the antibody-mediated pI shift of the virions. Brioen P, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):609-13

Principal and subsidiary antigenic sites of VP1 involved in the neutralization of poliovirus type 3. Minor PD, et al. **J Gen Virol** 1985 May;66 (Pt 5):1159-65

Stabilization by host cell components and Mg2+ of the neutralization epitopes of poliovirus. Rombaut B, et al. **J Gen Virol** 1985 Feb;66 (Pt 2):303-7

Transplacental antibodies. Part III: Maternal antibodies against polioviruses, M. parotitidis and M. parainfluenzae. Celko A, et al. **J Hyg Epidemiol Microbiol Immunol** 1985;29(2):193-9

Induction of neutralizing antibody in mice against poliovirus type II with monoclonal anti-idiotypic antibody. Uytdehaag FG, et al. **J Immunol** 1985 Feb;134(2):1225-9

A monoclonal antibody that neutralizes poliovirus by cross-linking virions. Thomas AA, et al. **J Virol** 1985 Apr;53(4):7-13

The immune response to poliovirus-specific synthetic peptides: effects of adjuvants and test animal species. Emini EA, et al. **J Virol Methods** 1985 Feb;10(2):163-70

Synthetic peptides from four separate regions of the poliovirus type 1 capsid protein VP1 induce neutralizing antibodies. Chow M, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):910-4

Antigenic variation and resistance to neutralization in poliovirus type 1. Diamond DC, et al. **Science** 1985 Sep 13;229(4718):1090-3

Induction of neutralizing antibodies by poliovirus capsid polypeptides VP1, VP2 and VP3. van der Marel P, et al. **Vaccine** 1983 Dec;1(1):17-22

Antigenic conservation and divergence between the viral-specific proteins of poliovirus type 1 and various picornaviruses. Emini EA, et al. **Virology** 1985 Jan 15;140(1):13-20

[Establishment of 25 hybridomas secreting monoclonal antibodies against type 1 polio viruses (Sabin strain) and their application in antigenic analysis] Gu FZ, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Jun;6(3):157-61 (Eng. Abstr.) **(Chi)**

[Antibody response to live trivaccine against poliomyelitis in adults] Koza J, et al. **Cesk Epidemiol Mikrobiol Imunol** 1984 Jul;33(4):232-6 (Eng. Abstr.) **(Cze)**

[A seroepidemiological study of polio in Thailand and investigation of the OPV (oral polio vaccine) immunization] Yamada M. **Nippon Ika Daigaku Zasshi** 1985 Feb;52(1):20-38 (Eng. Abstr.) **(Jpn)**

[Neutralizing antibodies in the sera of persons vaccinated with intradermal poliovirus vaccine] Jarzabek Z, et al. **Przegl Epidemiol** 1984;38(3):323-6 (Eng. Abstr.) **(Pol)**

ISOLATION & PURIFICATION

Elution of enteric viruses from Mississippi estuarine sediments with lecithin-supplemented eluents. Johnson RA, et al. **Appl Environ Microbiol** 1984 Sep;48(3):581-5

Isolation of enteroviruses from water, suspended solids, and sediments from Galveston Bay: survival of poliovirus and rotavirus adsorbed to sediments. Rao VC, et al. **Appl Environ Microbiol** 1984 Aug;48(2):404-9

Effects of humic and fulvic acids on poliovirus concentration from water by microporous filtration. Sobsey MD, et al. **Appl Environ Microbiol** 1985 Feb;49(2):259-64

Effects of bentonite clay solids on poliovirus concentration from water by microporous filter methods. Sobsey MD, et al. **Appl Environ Microbiol** 1985 Apr;49(4):795-8

Excretion of live attenuated polioviruses in the faeces of orally vaccinated children. Comparison of two immunization schedules. Kucharská Z. **J Hyg Epidemiol Microbiol Immunol** 1985;29(2):211-8

A comparison of three methods for titration of poliovirus vaccines. Bey E, et al. **J Virol Methods** 1984 Oct;9(2):123-30

[Virological study on 7 cases of atypical poliomyelitis] Tang WY. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Apr;18(2):102-4 (Eng. Abstr.) **(Chi)**

[Poliovirus type 2 in sewage canals in Prague in 1981-1982] Kucharská Z, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 Mar;34(2):107-11 (Eng. Abstr.) **(Cze)**

METABOLISM

Requirements for entry of poliovirus RNA into cells at low pH. Madshus IH, et al. **EMBO J** 1984 Sep;3(9):1945-50

Association of poliovirus proteins with the endoplasmic reticulum. Tershak DR. **J Virol** 1984 Dec;52(3):777-83

Characterization and assembly of poliovirus-related 45 S particles. Rombaut B, et al. **Virology** 1985 Oct 15;146(1):111-9

Monoclonal antibodies which block cellular receptors of poliovirus. Minor PD, et al. **Virus Res** 1984;1(3):203-12

PATHOGENICITY

Neurovirulence of the intertypic poliovirus recombinant v3/a1-25: characterization of strains isolated from the spinal cord of diseased monkeys and evaluation of the contribution of the 3' half of the genome. Agol VI, et al. **J Gen Virol** 1985 Feb;66 (Pt 2):309-16

Reversion to neurovirulence of the live-attenuated Sabin type 3 oral poliovirus vaccine. Cann AJ, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7787-92

PHYSIOLOGY

Adsorption of viruses to charge-modified silica. Zerda KS, et al. **Appl Environ Microbiol** 1985 Jan;49(1):91-5

Cystatin, a protein inhibitor of cysteine proteases alters viral protein cleavages in infected human cells. Korant BD, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):1072-6

ULTRASTRUCTURE

Three-dimensional structure of poliovirus at 2.9 A resolution. Hogle JM, et al. **Science** 1985 Sep 27;229(4720):1358-65

POLIOVIRUS VACCINE

Poliovaccine strategy [letter] **Lancet** 1985 Feb 2;1(8423):285-6

Poliovaccine strategy [letter] Johnstone T. **Lancet** 1985 Mar 23;1(8430):695

New poliovirus vaccines: a molecular approach. Almond JW, et al. **Vaccine** 1984 Sep;2(3):177-84 (38 ref.)

ADMINISTRATION & DOSAGE

Mixing measles vaccine with DPT and DPTP [letter] John TJ, et al. **Lancet** 1985 May 18;1(8438):1154

Vaccinology of poliomyelitis. Salk D, et al. **Vaccine** 1984 Mar;2(1):59-74 (91 ref.)

[Antipoliomyelitis vaccination of young children with a new inactivated vaccine. Serological results] Grenier B, et al. **Arch Fr Pediatr** 1985 Apr;42(4):321-3 (Eng. Abstr.) **(Fre)**

ADVERSE EFFECTS

Paralysis in an immunocompromised adult following oral polio vaccination [letter] Mathias RG, et al. **Can Med Assoc J** 1985 Apr 1;132(7):738-9

[Prevention of poliomyelitis: live or killed vaccine? Remarks apropos of 2 cases of poliomyelitis] Bergouignan FX, et al. **Presse Med** 1984 Oct 20;13(37):2241-3 (Eng. Abstr.) **(Fre)**

ANALYSIS

Some lots of 'Salk' vaccine have lost potency. **FDA Drug Bull** 1984 Dec;14(3):22-3

A comparison of three methods for titration of poliovirus vaccines. Bey E, et al. **J Virol Methods** 1984 Oct;9(2):123-30

IMMUNOLOGY

Antibody response of infants to two doses of inactivated poliovirus vaccine of enhanced potency. Simoes EA, et al. **Am J Dis Child** 1985 Oct;139(10):977-80

The effect of immune globulin on the response to trivalent oral poliovirus and yellow fever vaccinations. Kaplan JE, et al. **Bull WHO** 1984;62(4):585-90

The immune response to poliovirus-specific synthetic peptides: effects of adjuvants and test animal species. Emini EA, et al. **J Virol Methods** 1985 Feb;10(2):163-70

Induction of long-term immunity to paralytic poliomyelitis by use of non-infectious vaccine. Salk D, et al. **Lancet** 1984 Dec 8;2(8415):1317-21

[Antibody response to live trivaccine against poliomyelitis in adults] Koza J, et al. **Cesk Epidemiol Mikrobiol Imunol** 1984 Jul;33(4):232-6 (Eng. Abstr.) **(Cze)**

[Status of immunization of ten-year-olds against poliomyelitis, diphtheria, tetanus, pertussis, measles and mumps] Schmitt L. **Off Gesundheitswes** 1984 Oct;46(10):494-6 **(Ger)**

[Neutralizing antibodies in the sera of persons vaccinated with intradermal poliovirus vaccine] Jarzabek Z, et al. **Przegl Epidemiol** 1984;38(3):323-6 (Eng. Abstr.) **(Pol)**

STANDARDS

The standardization of infectivity titrations of poliovaccines--a WHO collaborative study. Magrath DI, et al. **J Biol Stand** 1985 Apr;13(2):159-66

THERAPEUTIC USE

The poliomyelitis story: a scientific hegira. Horstmann DM. **Yale J Biol Med** 1985 Mar-Apr;58(2):79-90

[Poliomyelitis vaccination in Denmark] Petersen I. **Ugeskr Laeger** 1985 Jan 21;147(4):265-9 (Eng. Abstr.) **(Dan)**

POLIOVIRUS VACCINE, ORAL

Excretion of live attenuated polioviruses in the faeces of orally vaccinated children. Comparison of two immunization schedules. Kucharská Z. **J Hyg Epidemiol Microbiol Immunol** 1985;29(2):211-8

Polio reconsidered [editorial] **Lancet** 1984 Dec 8;2(8415):1309-10

Increased neurovirulence associated with a single nucleotide change in a noncoding region of the Sabin type 3 poliovaccine genome. Evans DM, et al. **Nature** 1985 Apr 11-17;314(6011):548-50

Reversion to neurovirulence of the live-attenuated Sabin type 3 oral poliovirus vaccine. Cann AJ, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7787-92

[A seroepidemiological study of polio in Thailand and investigation of the OPV (oral polio vaccine) immunization] Yamada M. **Nippon Ika Daigaku Zasshi** 1985 Feb;52(1):20-38 (Eng. Abstr.) **(Jpn)**

ADMINISTRATION & DOSAGE

Immunization with oral poliovirus vaccine in China. Dong DX. **Prog Med Virol** 1985;31:212-21

ADVERSE EFFECTS

Evaluation of the neurovirulence test of oral poliovaccines in Japan during the period 1963-1982. Chino F, et al. **Jpn J Med Sci Biol** 1984 Oct-Dec;37(5-6):233-40

Vaccine-associated poliomyelitis [letter] **Lancet** 1984 Dec 15;2(8416):1390-1

Two cases of vaccine-associated paralytic poliomyelitis linked in time and place [letter] Cruickshank JG, et al. **Lancet** 1984 Oct 6;2(8406):804-5

[Recent advance in research on the incidence of paralysis following immunization with live oral polio vaccine] Hu XM. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Apr;6(2):125-7 (32 ref.) **(Chi)**

[Complications following preventive oral poliomyelitis vaccination] Wutzler P, et al. **Padiatr Grenzgeb** 1984;23(5):289-97 (Eng. Abstr.) **(Ger)**

[Flaccid paralysis following oral poliomyelitis vaccination] Sigmund J, et al. **Padiatr Padol** 1985;20(1):77-82 (Eng. Abstr.) **(Ger)**

[Experimental substantiation of using immunomodulators of the phenylimidazothiazole type for the correction of secondary immunologic insufficiency caused by poliomyelitis virus] Giulling EV, et al. **Vrach Delo** 1985 Jun;(6):95-7 (Eng. Abstr.) **(Rus)**

HISTORY

Oral poliovirus vaccine: history of its development and use and current challenge to eliminate poliomyelitis from the world. Sabin AB. **J Infect Dis** 1985 Mar;151(3):420-36

IMMUNOLOGY

Immune response of neonates to oral poliomyelitis vaccine. John TJ. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):881

Use of monoclonal antibodies prepared with Sabin vaccine viruses for the characterization of poliovirus strains isolated in Canada. Wachmann B, et al. **Dev Biol Stand** 1984;57:141-9

STANDARDS

Some statistical aspects of viral vaccine control. Establishment of an acceptance criterion for potency. Vliet JH, et al. **Arch Belg** 1985;43(1-2):81-90

THERAPEUTIC USE

[Poliomyelitis vaccination in Denmark] Petersen I. **Ugeskr Laeger** 1985 Jan 21;147(4):265-9 (Eng. Abstr.) **(Dan)**

POLISHES see **OILS**

POLISHES, DENTAL see **DENTIFRICES**

POLITEF see **POLYTETRAFLUOROETHYLENE**

POLITICAL ACTIVITY see **POLITICS**

POLITICAL SYSTEMS

The investigation of the human remains of the 'disappeared' in Argentina. Snow CC, et al. **Am J Forensic Med Pathol** 1984 Dec;5(4):297-9

Time orientation in Nazi concentration camp survivors: forty years after. Lomranz J, et al. **Am J Orthopsychiatry** 1985 Apr;55(2):230-6

Should the Nazi research data be cited? Moe K. **Hastings Cent Rep** 1984 Dec;14(6):5-7

Nestle and breast vs. bottle feeding: mainstream and Marxist perspectives. Campbell CE. **Int J Health Serv** 1984; 14(4):547-67

Productivity and safety in worker cooperatives and conventional firms. Grunberg L, et al. **Int J Health Serv** 1984;14(3):413-32

Mental health and apartheid. World Psychiatric Association conference report. Burke AW. **Int J Soc Psychiatry** 1985 Summer;31(2):144-8

Legal aspects of child persecution during the holocaust. Kestenberg M. **J Am Acad Child Psychiatry** 1985 Jul; 24(4):381-4

[Health--a component of the manifestation of the living standard of a people] Bouček K. **Cas Lek Cesk** 1985 Feb 22;124(8):225-6 **(Cze)**

[Fascist ideology and individual psychology] Szafran AW. **Ann Med Psychol (Paris)** 1984 Jul-Aug;142(7):959-73 (Eng. Abstr.) **(Fre)**

['Unto the 3d and 4th generation'. The persecution trauma of the generation of grandchildren] Ahlheim R. **Psyche (Stuttg)** 1985 Apr;39(4):330-54 (Eng. Abstr.) **(Ger)**

[As a psychoanalyst in the peace movement] Richter HE. **Psyche (Stuttg)** 1985 Apr;39(4):289-300 (Eng. Abstr.) **(Ger)**

[Difficult new beginning 40 years ago (1945/1985)] Schmitt W. **Zentralbl Chir** 1985;110(12):713-6 **(Ger)**

[25th issue dedicated to medical problems during the occupation under Hitler. On the 40th anniversary of the liberation of the Auschwitz-Brzezinka concentration camp] **Przegl Lek** 1985;42(1):1-245 **(Pol)**

HISTORY

The legalization of mercy killings in medical and nursing institutions in Nazi Germany from 1938 until 1941. A commented documentation. Aly G, et al. **Int J Law Psychiatry** 1984;7(2):145-63

The breaking of a profession. Dimond EG. **JAMA** 1984 Dec 14;252(22):3160-4

Adolph Hitler. Leavesley JH. **Med J Aust** 1985 Jun 24; 142(13):687-8

[A lasting legacy] Nikliček L. **Cesk Zdrav** 1985 May; 33(5):193-7 **(Cze)**

[The 'Führer' treats himself. Based on now available records of the physician Theo Morell the realistic profile of the secret diseases of Adolf Hitler are recognized (I)] Katz O. **Fortschr Med** 1984 Oct 4;102(37):70-1 **(Ger)**

[Medical thinking and ways of acting in national socialism] Degkwitz R. **Fortschr Neurol Psychiatr** 1985 Jun; 53(6):212-25 (Eng. Abstr.) **(Ger)**

[Historical vignette. August Forel and national socialism] Müller C. **Nervenarzt** 1984 Sep;55(9):504-5 **(Ger)**

[From racial myth to racial delusion and selection] Schmidt G. **Nervenarzt** 1985 Jul;56(7):337-47 **(Ger)**

[Further remarks on the problem of psychoanalysis and politics] Federn E. **Psyche (Stuttg)** 1985 Apr;39(4):367-74 (Eng. Abstr.) **(Ger)**

['The Führer commanded...' On Hitler's effect on Germany in the 30's] Müller-Braunschweig H. **Psyche (Stuttg)** 1985 Apr;39(4):301-29 (Eng. Abstr.) **(Ger)**

[The fate of psychiatry at the time of the fascist dictatorship. On the 40th anniversary of liberation and in memory of the victims of a science that became destructive] Thom A. **Psychiatr Neurol Med Psychol (Leipz)** 1985 May; 37(5):245-54 (Eng. Abstr.) **(Ger)**

[The past and present of medicine under Hitler] Wiemann DB, et al. **Przegl Lek** 1985;42(1):169-80 **(Pol)**

POLITICS

DSM-III and the politics of truth. Schacht TE. **Am Psychol** 1985 May;40(5):513-26

In the game of politics, do not hesitate to say 'deal me in'. Rouse R. **AORN J** 1984 Oct;40(4):594-5

Alcohol policy in a crisis situation. Wald I, et al. **Br J Addict** 1984 Sep;79(3):331-5

The political argument on health costs [editorial] McPherson K. **Br Med J [Clin Res]** 1985 Jun 8;290(6483):1679-80

Population growth and politics [editorial] Potts M. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):641-2

Politics and abortion. Rosoff JI. **Ciba Found Symp** 1985; 115:244-62

Farewell address [editorial] Davidson HC. **Cutis** 1985 Aug; 36(2):103-4

Social, economic, and political forces in quality assurance. Schoen MH. **Dent Clin North Am** 1985 Jul;29(3):449-55

Why Britain's conservatives support a socialist health care system. Klein R. **Health Aff (Millwood)** 1985 Spring; 4(1):41-58

Supportive ties: a political economy perspective. Pilisuk M, et al. **Health Educ Q** 1985 Spring;12(1):93-106

Homelessness: the need for mental health advocates. Bassuk EL. **Hosp Community Psychiatry** 1984 Sep;35(9):867

Experimental medical devices, drugs and techniques. Their future social, medical and political implications (Part 3). Bowen OR. **Indiana Med** 1984 Aug;77(8):613-5

The micropolitics of medicine: a contextual analysis. Waitzkin H. **Int J Health Serv** 1984;14(3):339-78

Nurses as a social force. Holleran C. **Int Nurs Rev** 1985 Jan-Feb;32(1):14-6

Freud's ego ideals: a study of admired modern historical and political personages. Szaluta J. **J Am Psychoanal Assoc** 1983;31(1):157-86

Memory for recent U.S. presidents in patients with cerebral disease. Hamsher KD, et al. **J Clin Exp Neuropsychol** 1985 Feb;7(1):1-13

Coping with stress: naturalistic observations of the Polish crisis. Winstead BA. **J Clin Psychol** 1984 Nov; 40(6):1516-24

Crabs in a bucket: the politics of health care reform in California. Bergthold L. **J Health Polit Policy Law** 1984 Summer;9(2):203-22

Redressing the imbalanced political market for health policy: a role for the state attorney general? Lippincott RC. **J Health Polit Policy Law** 1984 Fall;9(3):389-410

Politics and bioethical commissions: 'muddling through' and the 'slippery slope'. Mendeloff J. **J Health Polit Policy Law** 1985 Spring;10(1):81-92

Reductions in suicide and accident levels prior to presidential elections are independent of unemployment effects. Boor M, et al. **J Soc Psychol** 1984 Oct;124(1ST Half):119-21

The nonreduction of suicide levels prior to presidential elections. Wasserman IM. **J Soc Psychol** 1984 Oct;124(1ST Half):123-5

The linkage of United States presidential elections, unemployment changes, and reductions in suicide, accident, and homicide rates. Wasserman IM. **J Soc Psychol** 1984 Oct;124(1ST Half):115-7

Apartheid and psychiatry [editorial] **Lancet** 1984 Dec 1; 2(8414):1252-3

Doctors in politics. Best J. **Med J Aust** 1985 Apr 1; 142(7):406-7

On the medicopolitical beat [letter] Verso ML. **Med J Aust** 1985 Jun 10;142(12):662

How AMPAC and MDPAC are working to get out the vote. Berglund TR, et al. **Mich Med** 1984 Oct;83(46):493-4

British Medical Association at center of medical politics. Eberly C. **Mich Med** 1984 Oct;83(46):508-9, 512

Here are health care views of candidates Levin and Lousma. Levin C, et al. **Mich Med** 1984 Oct;83(46):495-6, 498

Getting out the MD vote. Marr J. **Mich Med** 1984 Oct; 83(46):491-2

Should health-care professionals wear political campaign buttons? [letter] Nichols L, et al. **N Engl J Med** 1984 Dec 27;311(26):1705

Presidential illness and prevention of disease [letter] Russell MA. **N Engl J Med** 1985 Aug 29;313(9):586

Physicians can and should offer direction for the 1985 legislature [editorial] Silberman HR. **NC Med J** 1985 Mar; 46(3):143-4

Science and politics. The background and the issues surrounding the controversial proposal for a National Institute of Nursing. Jacox AK. **Nurs Outlook** 1985 Mar-Apr;33(2):78-84

The growth of political action in nursing. Rothberg JS. **Nurs Outlook** 1985 May-Jun;33(3):133-5

Political power for nurse practitioners. Goldwater M. **Nurse Pract** 1984 Nov;9(11):44-5, 49, 52

Legislation from conception to implementation. Craig RH Jr, et al. **Pa Med** 1985 Mar;88(3):30-2

Successful and unsuccessful experiences in combating the antifluoridationists. Margolis FJ, et al. **Pediatrics** 1985 Jul; 76(1):113-8

PaMPAC report records 1984 growth, success. Craig RH Jr, et al. **Penn Med** 1984 Dec;87(12):58

Medicine: an apt preparation for public office. Riordan ML. **Postgrad Med** 1984 Oct;76(5):13-8

PSRO, quality review and mental health--a political and practical guide. Hertzman M. **Psychiatr Q** 1984 Summer; 56(2):113-29

The elusive Freud. Pollack SD. **Psychoanal Rev** 1984 Dec; 71(4):517-27

Legal and political aspects of the regulation of chemicals: Swiss environmental protection law. Schmid G. **Regul Toxicol Pharmacol** 1985 Jun;5(2):145-51

Health services and the political culture of Saudi Arabia. Gallagher EB, et al. **Soc Sci Med** 1985;21(3):251-62

National security and the health of people: human needs and the allocation of scarce resources. Gellhorn A. **Soc Sci Med** 1984;19(4):307-32

Populism and health policy: the case of community health volunteers in India. Jobert B. **Soc Sci Med** 1985;20(1):1-28

Double standards in the analysis of Marxist scholarship: a reply to Reidy's critique of my work. Navarro V. **Soc Sci Med** 1985;20(5):441-51

Marxist functionalism in medicine: a critique of the work of Vicente Navarro on health and medicine. Reidy A. **Soc Sci Med** 1984;19(9):897-910

Lay workers in primary health care: victims in the process of social transformation. Stark R. **Soc Sci Med** 1985; 20(3):269-75

Local politicization of Primary Health Care as an instrument for development: a case study of community health workers in Zambia. Twumasi PA, et al. **Soc Sci Med** 1985; 20(10):1073-80

Politics of the aged: orientations and behavior in major liberal democracies. Edinger LJ. **Z Gerontol** 1985 Mar-Apr; 18(2):58-64

[Publicity and purism in the history of psychiatry] Heinrich K. **Fortschr Neurol Psychiatr** 1985 May;53(5):177-84 (Eng. Abstr.) **(Ger)**

[The Marxist-Leninist concept of personality and its significance for the integration of psychiatric patients] Späte HF. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Feb; 37(2):75-81 (Eng. Abstr.) **(Ger)**

[Regulation of foreign compounds in meat and meat products in the conflict between politics versus toxicology] Schlatter C. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):129-39 **(Ger)**

[Health problems from the politician's point of view] Gallob R. **Wien Med Wochenschr [Suppl]** 1984;85:5-6 **(Ger)**

[Utilization dimensions of gerontologic knowledge in the practice of community social politics] von Kondratowitz HJ. **Z Gerontol** 1985 Mar-Apr;18(2):65-71 (Eng. Abstr.) **(Ger)**

[Cardiology in Brazil and the current politico-socio-economic situation (editorial)] Brandão AY. **Arq Bras Cardiol** 1984 Jul;43(1):1-4 **(Por)**

[Party and political activities in medical departments and institutions during World War II] Berezhniak AP. **Voen Med Zh** 1985 Apr;(4):20-2 **(Rus)**

POLLEN

Tree pollen allergy. II. Sensitization to various tree pollen allergens in Sweden. A multi-centre study. Eriksson NE, et al. **Allergy** 1984 Nov;39(8):610-7

Tree pollen allergy. I. Features of plant geography and pollen counts. Strandhede SO, et al. **Allergy** 1984 Nov;39(8):602-9

A study of aeroallergens in Nanning, Guangxi, China. Chen K, et al. **Ann Allergy** 1985 Mar;54(3):242-4

500-MHz 1H NMR studies of ragweed allergen Ra5. Vidusek DA, et al. **Biochemistry** 1985 May 21;24(11):2747-53

Chloroplast DNA deletions associated with wheat plants regenerated from pollen: possible basis for maternal inheritance of chloroplasts. Day A, et al. **Cell** 1984 Dec; 39(2 Pt 1):359-68

Ragweed allergen Ra3: relationship to some type 1 copper-binding proteins. Hunt LT, et al. **J Mol Evol** 1984-85;21(2):126-32

[Meaning and aims of a pollen information service] Velčovsky HG. **Immun Infekt** 1985 Jul;13(4):135-8 (Eng. Abstr.) **(Ger)**

[Principal allergenic pollens present in Benevento] Cirocco A, et al. **Arch Monaldi** 1984 May-Jun;39(3):219-22 (Eng. Abstr.) **(Ita)**

[Pollen calendar, skin tests and blood levels of total IgE in the city of Leghorn in 1983] Goracci E, et al. **Quad Sclavo Diagn** 1984 Sep;20(3):325-33 (Eng. Abstr.) **(Ita)**

[Pollen hypersensitivity in skin diseases] Rudzki E. **Pol Tyg Lek** 1985 Mar 25-31;40(12-13):389-91 (13 ref.) **(Pol)**

ADMINISTRATION & DOSAGE

New treatment for ragweed hayfever: polymerized ragweed [letter] Patterson R. **Ann Allergy** 1985 Jul;55(1):77

ADVERSE EFFECTS

Allergy to Olea europaea pollen: relationship between skin prick tests, RAST, ELISA and bronchial provocations tests. Melillo G, et al. **Allergol Immunopathol (Madr)** 1985 May-Jun;13(3):229-34

[Immediate hypersensitivity to fruits and vegetables and pollenosis] Hernández J, et al. **Allergol Immunopathol (Madr)** 1985 May-Jun;13(3):197-211 (Eng. Abstr.) **(Spa)**

ANALYSIS

Air sampling studies in tropical America (Venezuela). Frequency and periodicity of pollen and spores. Hurtado I, et al. **Allergol Immunopathol (Madr)** 1984 Nov-Dec; 12(6):449-54

Clinical trial of hyposensitisation in hay fever: two methods of relating symptom scores to daily pollen counts. Wilkinson P, et al. **Allergy** 1984 Aug;39(6):463-8

Pollen: evidence and controversy. Cohen H, et al. **Arch Belg** 1984;Suppl:177-201

A ten-year surveillance of atmospheric pollens and moulds in the Bangkok area. Tuchinda M, et al. **Asian Pac J Allergy Immunol** 1983 Jun;1(1):7-9

Immunoautoradiographic and protein-A/gold labelling experiments for localization of pollen allergens using antisera from atopic human individuals. Fromme HG, et al. **Histochemistry** 1985;82(4):391-6

Study of pollen allergy in Kolhapur during monsoon. Chaubal PD, et al. **Indian J Chest Dis Allied Sci** 1984 Jan-Mar;26(1):38-40

Comparative studies on tree pollen allergens. VIII. Immunological properties of the alder (Alnus incana) pollen extract. Florvaag E, et al. **Int Arch Allergy Appl Immunol** 1984;75(4):300-8

Aqueous size-exclusion analysis of Parietaria pollen extracts. Falagiani P, et al. **J Chromatogr** 1985 Jun 28;328:425-31

Purification of a basic glycoprotein allergen from pollen of timothy by high-performance liquid chromatography. Haavik S, et al. **J Chromatogr** 1985 Mar 8;321(1):199–208

Applications of fluorochromes to pollen biology. I. Mithramycin and 4',6-diamidino-2-phenylindole (DAPI) as vital stains and for quantitation of nuclear DNA. Coleman AW, et al. **Stain Technol** 1985 May;60(3):145–54

Applications of fluorochromes to pollen biology. II. The DNA probes ethidium bromide and Hoechst 33258 in conjunction with the callose-specific aniline blue fluorochrome. Hough T, et al. **Stain Technol** 1985 May; 60(3):155–62

[The active principles of pollens] Wang XB. **Chung Yao Tung Pao** 1985 Feb;10(2):78–80 **(Chi)**

[Free amino acids in the pollen of Ambrosia artemisiaefolia (Compositae)] Ramay B, et al. **Pharmazie** 1984 Jun; 39(6):434–5 **(Fre)**

[Pollinosis caused by Parietaria. Clinical observations in Northern Sardinia and botanical and allergic considerations on P. officinalis L. and P. judaica L. (P. diffusa Mert. and Koch)] Atzei AD, et al. **Boll Ist Sieroter Milan** 1984 Sep; 63(4):366–77 (Eng. Abstr.) **(Ita)**

CLASSIFICATION

Aerobiology of pollinosis. Solomon WR. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 1):449–61

ENZYMOLOGY

Quantitative cytochemistry of beta-galactosidase in normal and enzyme deficient (gal) pollen of Brassica campestris: application of the indigogenic method. Singh MB, et al. **Histochem J** 1984 Dec;16(12):1273–96

IMMUNOLOGY

Cross-reactions among grass pollen allergens. Diener C, et al. **Allergol Immunopathol (Madr)** 1984 Nov–Dec; 12(6):455–61

Immunological investigation of possible structural similarities between pollen antigens and antigens in apple, carrot and celery tuber. Halmepuro L, et al. **Allergy** 1985 May; 40(4):264–72

Immunochemical and biological characterization of a mugwort (Artemisia vulgaris) pollen extract. Ipsen H, et al. **Allergy** 1985 May;40(4):289–94

Oral administration of grass pollen to hay fever patients. An efficacy study in oral hyposensitization. Taudorf E, et al. **Allergy** 1985 Jul;40(5):321–35

Allergenic airborne pollen and spores in Anchorage, Alaska. Anderson JH. **Ann Allergy** 1985 May;54(5):390–9

Cross-reactivity between Parietaria judaica and Parietaria officinalis. Corbi AL, et al. **Ann Allergy** 1985 Feb; 54(2):142–7

Diagnosis of parietaria pollinosis. García-Ortega P, et al. **Ann Allergy** 1984 Oct;53(4):347–50

Cross-reactivity among Chenopodiaceae and Amaranthaceae. Lombardero M, et al. **Ann Allergy** 1985 May;54(5):430–6

Cross-allergenicity among the grasses. Martin BG, et al. **Ann Allergy** 1985 Feb;54(2):99–104

Production of a monoclonal antibody against a major allergen of Dactylis glomerata pollen (Dg1). Mécheri S, et al. **Ann Inst Pasteur Immunol** 1985 Mar–Apr;136C(2):195–209

In vivo and in vitro study of antigens and allergens in pollen extracts of Graminaceae. Sacchi G, et al. **Boll Ist Sieroter Milan** 1984 Mar;63(1):61–76

Comparison of the stability of a mite and a pollen extract stored in normal conditions of use. Bousquet J, et al. **Clin Allergy** 1985 Jan;15(1):29–35

Comparison between rush immunotherapy with a standardized allergen and an alum adjuved pyridine extracted material in grass pollen allergy. Bousquet J, et al. **Clin Allergy** 1985 Mar;15(2):179–93 (48 ref.)

A comparison of the clinical and immunological effects of an alum-precipitated five-grass extract with a conjugated two-grass extract in the desensitization of hay fever. Dorward AJ, et al. **Clin Allergy** 1984 Nov;14(6):561–70

Celery sensitivity: clinical and immunological correlations with pollen allergy. Pauli G, et al. **Clin Allergy** 1985 May; 15(3):273–9

RAST, skin and nasal tests and the history in grass pollen allergy. Pepys J, et al. **Clin Allergy** 1975 Dec;5(4):431–42

Detection of antigen-specific IgE-plaque-forming cells from peripheral-blood lymphocytes of ragweed- and grass-allergic patients. Perelmutter L, et al. **Clin Allergy** 1985 Jan;15(1):49–53

Effect of antigen stimulation on antigen-specific IgE-plaque-forming cells from peripheral-blood lymphocytes of atopics. Perelmutter L, et al. **Clin Allergy** 1985 Jan;15(1):43–8

Differential suppressive influence of intranasal application of rye grass pollen extract on IgE antibody production in the mouse. Henderson DC, et al. **Clin Exp Immunol** 1985 Feb; 59(2):343–50

Pollen allergens and their interrelationships. Weber RW, et al. **Clin Rev Allergy** 1985 Jul;3(3):291–318 (142 ref.)

Localization of the continuous allergenic sites of ragweed allergen Ra3 by a comprehensive synthetic strategy. Atassi H, et al. **FEBS Lett** 1985 Aug 19;188(1):96–100

Immunoelectron-microscopic localization of diffusible birch-pollen antigens in ultrathin sections using the protein-A/gold technique. Grote M, et al. **Histochemistry** 1984;81(5):489–92

Mouse monoclonal IgE antibodies specific for ragweed pollen antigens. Liu FT, et al. **Hybridoma** 1984 Fall; 3(3):277–85

Aerobiological studies in India in relation to allergy. Singh AB. **Indian J Pediatr** 1984 May–Jun;51(410):345–8

Allergenic cross-reactivity among pollens of Urticaceae. Corbí AL, et al. **Int Arch Allergy Appl Immunol** 1985; 77(4):377–83

Characterization of the IgG antibody response to timothy grass pollen antigens. Malley A, et al. **Int Arch Allergy Appl Immunol** 1985;78(1):57–62

Studies on allergen and allergoid preparations from purified timothy (Phleum pratense) pollen extracts. III. Comparative investigations by skin prick tests and nasal provocation tests. Wihl JA, et al. **Int Arch Allergy Appl Immunol** 1985;76(2):162–7

Immunologic and clinical correlates of bronchial challenge responses to Bermuda grass pollen extracts. Adler TR, et al. **J Allergy Clin Immunol** 1985 Jan;75(1 Pt 1):31–6

Airborne ragweed allergens: association with various particle sizes and short ragweed plant parts. Agarwal MK, et al. **J Allergy Clin Immunol** 1984 Nov;74(5):687–93

Occupational allergy to sunflower pollen. Bousquet J, et al. **J Allergy Clin Immunol** 1985 Jan;75(1 Pt 1):70–4

The international collaborative study establishing the first international standard for timothy (Phleum pratense) grass pollen allergenic extract. Gjesing B, et al. **J Allergy Clin Immunol** 1985 Feb;75(2):258–67

Allergenicity, immunogenicity, and safety of immunotherapy with various molecular weight ranges of polymerized ragweed. Grammer LC, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):195–200

Polyethylene glycol-modified ragweed pollen extract in rhinoconjunctivitis. Juniper EF, et al. **J Allergy Clin Immunol** 1985 May;75(5):578–85

Approval by the Food and Drug Administration of polymerized ragweed extract for treatment of ragweed-sensitive individuals [letter] Patterson R. **J Allergy Clin Immunol** 1985 Sep;76(3):525

Prolonged bronchial obstruction after a single antigen challenge in ragweed asthma. Wanner A, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):177–81

Demonstration of auto-anti-idiotypic antibody cross-reacting with public idiotypic determinants in the serum of rye-sensitive allergic patients. Bose R, et al. **J Immunol** 1984 Nov;133(5):2474–8

Genetic control of immune response in humans and it's clinical significance. Sasazuki T. **Jpn J Med** 1985 May; 24(2):191–3

Clinically important pollens of NSW and the ACT. Bass DJ. **Med J Aust** 1984 Sep 1;141(5 Suppl):S13–4

Pollens of clinical importance in the Adelaide region. Bateman PP. **Med J Aust** 1984 Sep 1;141(5 Suppl):S16

Allergenic pollens of Victoria. Bristow V, et al. **Med J Aust** 1984 Sep 1;141(5 Suppl):S14

Clinically important pollens of Tasmania. Clarke P. **Med J Aust** 1984 Sep 1;141(5 Suppl):S15

Clinically relevant pollens known in Western Australia. Hobday JD. **Med J Aust** 1984 Sep 1;141(5 Suppl):S17–8

The changing face of pollen allergy in Queensland. Morrison IC. **Med J Aust** 1984 Sep 1;141(5 Suppl):S12–3

Pollen-producing plants of Tasmania. Wing LW, et al. **Med J Aust** 1984 Sep 1;141(5 Suppl):S15–6

Grass pollen allergoid. A 4-year follow-up study. Baumgarten C, et al. **Respiration** 1984;46(1):97–104

[Detection of mouse-specific IgG to TKM with ELISA] Yu YC, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Oct; 6(5):349–52 (Eng. Abstr.) **(Chi)**

[Sensitization to celery and mugwort pollen. The problem of the nature of allergens remains open (letter)] Pauli G, et al. **Presse Med** 1985 Jan 19;14(2):108–9 **(Fre)**

[Immunoglobulins in pollinoses: a new indication?] Stickl H. **Fortschr Med** 1985 Jan 17;103(3):29–32 (Eng. Abstr.) **(Ger)**

[Analysis of individual antibody reactivity of patients allergic to grass pollen using isoelectric focusing and immunoblotting] Haas H, et al. **Immun Infekt** 1985 Feb; 13(1):24–5 (Eng. Abstr.) **(Ger)**

[Rhinological study of apple pollinosis] Hakamada M, et al. **Arerugi** 1984 Dec;33(12):1008–15 (Eng. Abstr.) **(Jpn)**

[Occupational apple and pear pollinosis among apple- and pear-growing farmers and cross-allergenicity between Japanese apple pollen and Japanese pear pollen] Hori T, et al. **Arerugi** 1985 Jun;34(6):351–8 (Eng. Abstr.) **(Jpn)**

[2 cases of Japanese pear (Pyrus serotina) pollinosis] Tsukioka K, et al. **Arerugi** 1984 Oct;33(10):853–8 (Eng. Abstr.) **(Jpn)**

[The model of experimental cedar pollinosis and cedar pollen asthma and its homocytotropic antibodies] Yukawa T, et al. **Arerugi** 1984 Oct;33(10):895–902 (Eng. Abstr.) **(Jpn)**

[The basophil degranulation test in the in vitro allergic diagnosis of pollen-induced asthma] Górski P, et al. **Pol Tyg Lek** 1984 Jul 30;39(31):1039–40 (Eng. Abstr.) **(Pol)**

[Intranasal provocation tests diagnosing and predicting the effect of treatment of pollinoses in children] Nezabudkin SN, et al. **Pediatriia** 1984 Oct;(10):32–4 **(Rus)**

ISOLATION & PURIFICATION

Identification of orchard grass (Dactylis glomerata) pollen allergens following electrophoretic transfer to nitrocellulose. Ford SA, et al. **Int Arch Allergy Appl Immunol** 1985;78(1):15–21

Immunochemical and genetic studies of Amb.t. V (Ra5G), an Ra5 homologue from giant ragweed pollen. Roebber M, et al. **J Immunol** 1985 May;134(5):3062–9

METABOLISM

Uncovering the 'fine details' of pollen allergen transport. Solomon WR. **J Allergy Clin Immunol** 1984 Nov; 74(5):674–7

PHARMACODYNAMICS

Metabolic adaptation of muscles to exercise, vibration and raised temperature under the influence of cernitins. Sawicka TJ, et al. **Acta Physiol Pol** 1984 Mar–Apr;35(2):141–50

Seasonal variation of in vitro lymphocyte proliferative response to ragweed antigen E. Eisenbrey AB, et al. **J Allergy Clin Immunol** 1985 Jan;75(1 Pt 1):84–90

THERAPEUTIC USE

[Clinical evaluation of cernilton in the treatment of the benign prostatic hypertrophy] Horii A, et al. **Hinyokika Kiyo** 1985 Apr;31(4):739–46 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of Cernilton on benign prostatic hyperplasia] Ueda K, et al. **Hinyokika Kiyo** 1985 Jan; 31(1):187–91 (Eng. Abstr.) **(Jpn)**

[Effect of stimulation of beta-adrenergic and H2 receptors of polymorphonuclear granulocytes on the release of lysosomal enzymes in patients with hay fever before and after treatment with Pollinex] Wrzyszcz M, et al. **Pol Tyg Lek** 1985 Mar 25–31;40(12–13):377–9 **(Pol)**

[Radioimmunologic tests in specific immunotherapy of atopic rhinitis] Ligeziński A. **Wiad Lek** 1984 Dec 1;37(23):1846–50 (Eng. Abstr.) **(Pol)**

ULTRASTRUCTURE

Ultrastructural demonstration of a glycoproteinic surface coat in allergenic pollen grains by combined cetylpyridinium chloride precipitation and silver proteinate staining. Grote M, et al. **Histochemistry** 1984;81(2):171–6

Pollen-pistil interactions in interspecific crosses of Populus (sections Aigeiros and Leuce): pollen adhesion, hydration and callose responses. Gaget M, et al. **J Cell Sci** 1984 Dec; 72:173–84

Germination of stress-tolerant Eucalyptus pollen. Heslop-Harrison J, et al. **J Cell Sci** 1985 Feb;73:135–57

Accumulation of smooth cisternae in the tapetal cells of Ulex europaeus L. (Papilionoideae). Misset MT, et al. **J Cell Sci** 1984 Dec;72:65–74

A hematoxylin staining procedure for maize pollen grain chromosomes. Kindiger B, et al. **Stain Technol** 1985 Sep; 60(5):265–9

POLONIUM

Relationship between the 210Pb content of teeth and exposure to Rn and Rn daughters. Clemente GF, et al. **Health Phys** 1984 Aug;47(2):253–62

An estimation of the effective dose equivalent from Rn short-lived decay products. Shimo M. **Health Phys** 1984 Sep;47(3):476–9

ADVERSE EFFECTS

[The importance of radon and its daughter products for housing hygiene] Schüttmann W. **Z Gesamte Hyg** 1985 Jun; 31(6):326–31 (36 ref.) (Eng. Abstr.) **(Ger)**

ANALYSIS

Radiological health implications of lead-210 and polonium-210 accumulations in LPG refineries. Summerlin J Jr, et al. **Am Ind Hyg Assoc J** 1985 Apr;46(4):202–5

Simultaneous measurement of Rn and its progeny in cave air by liquid scintillation techniques and alpha-ray spectrometry. Amano H, et al. **Health Phys** 1985 Sep; 49(3):509–11

Effect of electric fields on 220Rn progeny concentration. Bigu J. **Health Phys** 1985 Sep;49(3):512–6

Theory of passive measurement of radon daughters and working levels by the nuclear track technique. Fleischer RL. **Health Phys** 1984 Aug;47(2):263–70

Dependence of electrostatic diffusion of Rn progeny on environmental parameters. Khan A, et al. **Health Phys** 1985 Sep;49(3):443–54

Plutonium-239, 240Pu and 210Po contents of tobacco and cigarette smoke. Mussalo-Rauhamaa H, et al. **Health Phys** 1985 Aug;49(2):296–301

Thoron (220Rn) daughter to radon (222Rn) daughter ratios in thorium-rich areas. Stranden E. **Health Phys** 1984 Nov; 47(5):784–5

Measurements of radon-daughter concentrations in and around dwellings in the northern part of The Netherlands; a search for the influences of building materials, construction and ventilation. Wolfs F, et al. **Health Phys** 1984 Aug;47(2):271–9

[Effect of various meteorological factors on changes in the level of radon degradation products] Kvapulin'ski E, et al. **Gig Sanit** 1984 Aug;(8):75–7 **(Rus)**

METABOLISM

Clearance of polonium-210-enriched cigarette smoke from the rat trachea and lung. Cohen BS, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):314-22

POLOXALENE see under **POLYETHYLENE GLYCOLS**

POLY A

Covalent binding of the antitumor agent N2-methyl-9-hydroxy-ellipticinium acetate (NSC 264137) on RNA and poly A in vitro. Dugue B, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):416-22

Poly(8-bromodeoxyadenylic acid): properties of the polymer and contrast with the ribopolynucleotide analogue. Kanaya EN, et al. **Biochemistry** 1984 Aug 28;23(18):4219-25

Proton and phosphorus nuclear magnetic resonance studies of an oligothymidylate covalently linked to an acridine derivative and of its binding to complementary sequences. Lancelot G, et al. **Biochemistry** 1985 May 7;24(10):2521-9

Long poly(A) tracts in the human genome are associated with the Alu family of repeated elements. Lustig AJ, et al. **J Mol Biol** 1984 Dec 15;180(3):753-9

[Electric conductivity changes in salt-free solutions in connection with the formation of polyriboadenylic and polyribouridylic acid complexes] Filippov SM, et al. **Biofizika** 1984 Jul-Aug;29(4):560-3 (Eng. Abstr.) **(Rus)**

[Study of specific interactions of amino acid esters with the synthetic polynucleotides poly(A) x 2 poly(U), poly(A) x poly(U) and poly(A) by thermal denaturation] Gul'tiaev AP, et al. **Mol Biol (Mosk)** 1985 May-Jun;19(3):784-90 (Eng. Abstr.) **(Rus)**

[Concentration and temperature effects in interactions of the dye pyronine G with polynucleotides] Kruglova EB, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):565-70 (Eng. Abstr.) **(Rus)**

[Demonstration of three protonated forms of poly(A): potentiometric and conductometric study of isoionic solutions] Kuznetsov IA, et al. **Mol Biol (Mosk)** 1984 Jul-Aug;18(4):1032-41 (Eng. Abstr.) **(Rus)**

ANALYSIS

Polyadenylation state of abundant mRNAs during Drosophila development. Winkles JA, et al. **Dev Biol** 1985 Jul;110(1):259-63

Initiation factor eIF2 associated with non-polysomal poly(A)-containing messenger ribonucleoproteins of cryptobiotic gastrulae of Artemia salina. de Herdt E, et al. **Eur J Biochem** 1985 Sep 16;151(3):455-60

Regional distribution of polyadenylated mRNA in Xenopus laevis embryos. De Bernardi F. **Exp Cell Biol** 1984; 52(5):333-8

Variation of the poly(A) size classes in the rat mammary gland during the lactation cycle. Nadin-Davis SA, et al. **Int J Biochem** 1985;17(3):415-20

Polyadenylated, noncapped RNA from the archaebacterium Methanococcus vannielii. Brown JW, et al. **J Bacteriol** 1985 Jun;162(3):909-17

Intracisternal A-particle gene expression in normal mouse thymus tissue: gene products and strain-related variability. Kuff EL, et al. **Mol Cell Biol** 1985 Mar;5(3):474-83

Multiple polyadenylation sites in a Drosophila tropomyosin gene are used to generate functional mRNAs. Boardman M, et al. **Nucleic Acids Res** 1985 Mar 11;13(5):1763-76

Genetic control of chromosome length in yeast. Walmsley RM, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):506-10

Polyadenylic acid sequences in the genomic RNA of the togavirus of simian hemorrhagic fever. Sagripanti JL. **Virology** 1985 Sep;145(2):350-5

[Characterization of total RNA, messenger poly(A)+ RNA and homologous complementary DNA in experimental cardiac hypertrophy] Moalic JM, et al. **Arch Mal Coeur** 1984 Oct;77(11):1155-7 (Eng. Abstr.) **(Fre)**

[Study of the double-stranded fragments in the poly(A)-containing cytoplasmic RNA of the rat liver] Konstantinova IM, et al. **Mol Biol (Mosk)** 1984 Jul-Aug; 18(4):945-9 (Eng. Abstr.) **(Rus)**

[Characteristics of poly A-containing RNA from liver mitochondria of normal and adrenalectomized rats] Minchenko AG. **Probl Endokrinol (Mosk)** 1984 Nov-Dec; 30(6):46-9 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Expression of long terminal repeat (LTR) sequences in carcinogen-induced murine skin carcinomas. Housey GM, et al. **Biochem Biophys Res Commun** 1985 Feb 28; 127(1):391-8

Biosynthesis and cytoplasmic distribution of small poly(A)-containing B2 RNA. Kramerov DA, et al. **Biochim Biophys Acta** 1985 Feb 20;824(2):85-98

On the use of alpha-amanitin as a transcriptional blocking agent in mouse embryos: a cautionary note. Kidder GM, et al. **J Exp Zool** 1985 Jan;233(1):155-9

Brain mRNA translatability in rats: changes during long-term dietary restriction in the developmental period of life. Srivastava US, et al. **J Nutr** 1984 Dec;114(12):2353-64

The effect of epinephrine and serotonin on hepatic poly(A)+ RNA synthesis. Roy AK, et al. **Life Sci** 1985 Jun 17; 36(24):2301-7

Polyadenylylation of sea urchin histone RNA sequences in transfected COS cells. Nordstrom JL, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1094-8

[Biosynthesis of small cytoplasmic poly(A)tRNA homologous to the repeated B2 sequence of the mouse genome is realized by RNA polymerase III] Lekakh IV, et al. **Dokl Akad Nauk SSSR** 1984;277(4):1006-8 **(Rus)**

BLOOD

[Poly(A) RNA distribution and the polysome-monosome ratio in the lymphocytes of healthy persons and chronic lympholeukemia patients] Morozova EO, et al. **Tsitologiia** 1984 Dec;26(12):1384-90 (Eng. Abstr.) **(Rus)**

CHEMICAL SYNTHESIS

Synthesis and protective effects of poly-8-bromoriboadenylic acid: poly ribouridylic acid hybrid against Wesselsbron virus in chick embryos. Folayan JO, et al. **J Biochem (Tokyo)** 1984 Oct; 96(4):1297-301

GENETICS

Translation of messenger RNA from rat epididymis and identification of poly(A)RNA coding for acidic epididymal glycoprotein. Bartlett RJ, et al. **Ann NY Acad Sci** 1984; 438:29-38

Hybridization of poly(A)+RNA from salivary glands of Rhynchosciara americana to restriction DNA fragments and polytene chromosomes. Zaha A, et al. **Braz J Med Biol Res** 1984;17(3-4):257-64

The poly(A)(+)RNA sequence complexity is also represented in poly(A)(-)RNA in sea-urchin embryos. Duncan R, et al. **Differentiation** 1984;28(1):24-9

Polyadenylation of the Xenopus beta 1 globin mRNA at a downstream minor site in the absence of the major site and utilization of an AAUACA polyadenylation signal. Mason PJ, et al. **EMBO J** 1985 Jan;4(1):205-11

Thalassemia due to a mutation in the cleavage-polyadenylation signal of the human beta-globin gene. Orkin SH, et al. **EMBO J** 1985 Feb;4(2):453-6

Molecular cloning and identification of cDNA recombinants coding for bovine prochymosin in E. coli. Liebscher DH, et al. **Folia Biol (Praha)** 1985;31(2):81-92

Cloning specific complete polyadenylylated 3'-terminal cDNA segments. Lang KM, et al. **Gene** 1985;33(2):191-6

Aberrant polyadenylation by a vesicular stomatitis virus mutant is due to an altered L protein. Hunt DM, et al. **J Virol** 1984 Nov;52(2):515-21

Discrete human dihydrofolate reductase gene transcripts present in polysomal RNA map with their 5' ends several hundred nucleotides upstream of the main mRNA start site. Masters JN, et al. **Mol Cell Biol** 1985 Mar;5(3):493-500

3' end structure of the human (2'-5') oligo A synthetase gene: prediction of two distinct proteins with cell type-specific expression. Benech P, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1267-81

The consensus sequence YGTGTTYY located downstream from the AATAAA signal is required for efficient formation of mRNA 3' termini. McLauchlan J, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1347-68

A sequence downstream of A-A-U-A-A-A is required for formation of simian virus 40 late mRNA 3' termini in frog oocytes. Conway L, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):3949-53

Transient complementation of xeroderma pigmentosum cells by microinjection of poly(A)+ RNA. Legerski RJ, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5676-9

Structure of a human histone cDNA: evidence that basally expressed histone genes have intervening sequences and encode polyadenylylated mRNAs. Wells D, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2834-8

[Uncoordinated expression of B2+mRNAx and other types of B2-containing poly(A)+RNA in various mouse tissues] Ivanov PE, et al. **Mol Biol (Mosk)** 1985 Mar-Apr; 19(2):333-9 (Eng. Abstr.) **(Rus)**

[Small cytoplasmic poly(A)+RNA, homologous to the B2 repetitive sequence of the mouse genome, is present in ribonucleoproteins] Tillib SV, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1639-50 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Isolation of poly(A)+ RNA by paper affinity chromatography. Werner D, et al. **Anal Biochem** 1984 Sep; 141(2):329-36

Identification and characterization of a polyadenylated small RNA (s-poly A+ RNA) in dinoflagellates. Reddy R, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):552-7

Synthesis of active firefly luciferase by in vitro translation of RNA obtained from adult lanterns. Wood KV, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):592-6

Characterization of fatty acid synthetase cDNA clone and its mRNA. Yan C, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1235-41

Isolation, partial characterization and translation of mRNAs for chymosin and pepsin, the two main aspartyl proteinases of bovine stomach. Lipoldová M, et al. **Folia Biol (Praha)** 1985;31(2):71-80

Effect of flow rate on the isolation of polyadenylated RNA on oligo(dT)-cellulose columns. Nadin-Davis S, et al. **J Biochem Biophys Methods** 1985 Aug;11(2-3):185-9

METABOLISM

Assay of hybrid ribonuclease using a membrane filter-immobilized synthetic hybrid: application to the human leukemic cell. Papaphilis AD, et al. **Anal Biochem** 1985 Feb 15;145(1):160-9

A fluorescence study of the binding of poly(1,N6-ethenoadenylic acid) to Escherichia coli initiation factor 3. Schmidt BF, et al. **Arch Biochem Biophys** 1985 Jul;240(1):217-25

In vitro translation of polyadenylated RNA isolated from control and interferon-treated human promyelocytic HL-60 leukemic cells. Borelli TJ, et al. **Biochem Int** 1985 Mar;10(3):517-24

The discovery of a rapidly metabolized polymeric tetraphosphate derivative of adenosine in perfused rat heart. Mowbray J, et al. **Biochem J** 1984 Nov 1;223(3):627-32

Effect of hemin on poly (A)-containing RNA synthesis and transport from nucleus into cytoplasm in Friend cells of the Fw line. Fuchs O, et al. **Biomed Biochim Acta** 1984; 43(6):S94-7

Accurate cleavage and polyadenylation of exogenous RNA substrate. Moore CL, et al. **Cell** 1985 Jul;41(3):845-55

Spatial changes in poly(A) concentrations during early embryogenesis in Xenopus laevis: analysis by in situ hybridization. Phillips CR. **Dev Biol** 1985 Jun; 109(2):299-310

Sequence complexity and diversity of polyadenylated RNA molecules transcribed in human myeloid cells. Leukemic myeloblasts and HL60 promyelocytes uninduced and induced to terminal differentiation with retinoic acid. Torelli G, et al. **Differentiation** 1984;27(2):133-40

Messenger RNA content and complexity in normal and overloaded rat heart: a preliminary report. Swynghedauw B, et al. **Eur Heart J** 1984 Dec;5 Suppl F:211-7

Dynamic aspects of cytoplasmic poly(A)+ RNA of Tetrahymena pyriformis. De Carvalho EF, et al. **Exp Cell Res** 1985 Apr;157(2):429-40

A study of mitochondrial and nuclear transcription with cloned cDNA probes. Changes in the relative abundance of mitochondrial transcripts after stimulation of quiescent mouse fibroblasts. Edwards DR, et al. **Exp Cell Res** 1985 Mar;157(1):127-43

Poly(A)+ RNA metabolism during change of physiological state of Tetrahymena pyriformis cells. Soares MC, et al. **Exp Cell Res** 1984 Oct;154(2):591-9

Total poly(A+)-messenger RNA from bovine lens cofractionates with sucrose purified fiber cell plasma membrane. Hentzen PC, et al. **Exp Eye Res** 1984 Jul; 39(1):51-60

Caenorhabditis elegans: purification of isocitrate lyase and the isolation and cell-free translation of poly(A+)RNA. Jameel S, et al. **Exp Parasitol** 1985 Jun;59(3):337-46

Polyadenylation of histone mRNA in Xenopus oocytes and embryos. Ballantine JE, et al. **FEBS Lett** 1985 Jan 28; 180(2):224-8

Major transcripts containing B1 and B2 repetitive sequences in cytoplasmic poly(A)+RNA from mouse tissues. Ryskov AP, et al. **FEBS Lett** 1985 Mar 11;182(1):73-6

Identification of lactate dehydrogenase-M polypeptide translated in vitro from human and mouse tumor cell poly(A)-containing messenger RNA. Wu GJ, et al. **Int J Biochem** 1985;17(3):355-63

Frequency and sequence complexity of liver poly(A)+ mRNAs from rats fed fat-free or high fat diets. Castro CE, et al. **J Nutr** 1984 Oct;114(10):1917-23

RNase H-mediated release of the retrovirus RNA polyadenylate tail during reverse transcription. Olsen JC, et al. **J Virol** 1985 Jan;53(1):324-9

Influence of the xyloadenosine analogue of 2',5'-oligoriboadenylate on poly(A)-specific, 2',5'-oligoriboadenylate degrading 2',3'-exoribonuclease and further enzymes involved in poly(A)(+)mRNA metabolism. Schröder HC, et al. **Mol Biol Rep** 1984 Dec; 10(2):83-9

Calcitonin/calcitonin gene-related peptide transcription unit: tissue-specific expression involves selective use of alternative polyadenylation sites. Amara SG, et al. **Mol Cell Biol** 1984 Oct;4(10):2151-60

Transcription of the mouse dihydrofolate reductase gene proceeds unabated through seven polyadenylation sites and terminates near a region of repeated DNA. Frayne EG, et al. **Mol Cell Biol** 1984 Dec;4(12):2921-4

RNA sequence containing hexanucleotide AAUAAA directs efficient mRNA polyadenylation in vitro. Manley JL, et al. **Mol Cell Biol** 1985 Feb;5(2):373-9

Sequences on the 3' side of hexanucleotide AAUAAA affect efficiency of cleavage at the polyadenylation site. Sadofsky M, et al. **Mol Cell Biol** 1984 Aug;4(8):1460-8

[Binding of bis-(2-guanidoethyl)disulfide with DNA and polyriboadenylic acid in an aqueous solution. Study by ultrasonic velocimetry] Bukin VA, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1466-75 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

2'-Fluoro-2'-deoxypolynucleotides as templates and inhibitors for RNA- and DNA-dependent DNA polymerases. Aoyama H, et al. **Biochim Biophys Acta** 1985 Mar 20;824(3):225-32

RADIATION EFFECTS

Radiation-induced strand breakage in poly(riboadenylic acid). A pulse radiolysis study on the protective action of cysteamine under anoxic conditions. Washino K, et al. **Int J Radiat Biol** 1984 Dec;46(6):747-58

POLY A POLYMERASE see under **NUCLEOTIDYLTRANSFERASES**

POLY A-U

[Study of specific interactions of amino acid esters with the synthetic polynucleotides poly(A) x 2 poly(U), poly(A) x poly(U) and poly(A) by thermal denaturation] Gul'tiaev AP, et al. **Mol Biol (Mosk)** 1985 May-Jun;19(3):784-90 (Eng. Abstr.) **(Rus)**

[Concentration and temperature effects in interactions of the dye pyronine G with polynucleotides] Kruglova EB, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):565-70 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

A monoclonal antibody to the double-stranded polyribonucleotide complex poly(A) X poly(U). Delage G, et al. **Mol Immunol** 1984 Oct;21(10):939-44

Suppression of the mixed leukocyte reaction by serum from polynucleotide-injected mice. Odean MJ, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):504-8

METABOLISM

Poly(A).poly(U) as adjuvant in cancer treatment distribution and pharmacokinetics in rabbits. Michelson AM, et al. **Proc Soc Exp Biol Med** 1985 Jun;179(2):180-6

THERAPEUTIC USE

Enhancement of natural killer cell activity and 2-5A synthetase in operable breast cancer patients treated with polyadenylic; polyuridylic acid. Hovanessian AG, et al. **Cancer** 1985 Jan 15;55(2):357-62

Antitumor effects of polyribonucleotides for mouse transitional cell carcinoma enhanced by cyclophosphamide. Borden EC, et al. **Cancer Res** 1985 Jan;45(1):45-50

A phase I clinical tolerance study of polyadenylic-polyuridylic acid in cancer patients. Ducret JP, et al. **J Biol Response Mod** 1985 Apr;4(2):129-33

Polyadenylic . polyuridylic acid in the cotreatment of cancer. Michelson AM, et al. **Proc Soc Exp Biol Med** 1985 May; 179(1):1-8

[Adjuvant immunotherapy with polyadenylic-polyuridylic acid (Poly A.Poly U) in operable cancer of the breast. Recent results of a controlled therapeutic trial] Lacour J, et al. **Chirurgie** 1984;110(4):418-24 (Eng. Abstr.) **(Fre)**

POLY ADENOSINE DIPHOSPHATE RIBOSE see under **NUCLEOSIDE DIPHOSPHATE SUGARS**

POLY ADP RIBOSE POLYMERASE see under **NAD NUCLEOSIDASE**

POLY C see under **POLYRIBONUCLEOTIDES**

POLY DA-DT see under **POLYDEOXYRIBONUCLEOTIDES**

POLY G see under **POLYRIBONUCLEOTIDES**

POLY I see under **POLYRIBONUCLEOTIDES**

POLY I-C

ANALOGS & DERIVATIVES

Poly I-Mercapto Poly C: antiviral, anticellular, and pharmacologic effects. Vastola KA, et al. **Res Commun Chem Pathol Pharmacol** 1984 Sep; 45(3):407-19

IMMUNOLOGY

Suppression of the mixed leukocyte reaction by serum from polynucleotide-injected mice. Odean MJ, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):504-8

METABOLISM

Adsorption of poly rI:rC on cell membrane participating and nonparticipating in interferon induction. Yoshida I, et al. **J Interferon Res** 1985 Winter;5(1):1-10

[Transport of 125I-poly I : poly C incorporated in liposomes from the enteric cavity to the small intestine mucosa. An electron microscopic autoradiographic study] Nadtochii VV, et al. **Tsitologiia** 1984 Jul;26(7):783-7 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Induction of xanthine oxidase and depression of cytochrome P-450 by interferon inducers: genetic difference in the responses of mice. Deloria L, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):109-14

Lipopolysaccharide and polyribonucleotide activation of macrophages: implications for a natural triggering signal in tumor cell killing. Torres BA, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):395-401

Antagonistic effect of polyinosinic-polycytidylic acid on the cell lethality produced by 5-fluorouracil in human colon carcinoma cells in vitro. Iigo M, et al. **Cancer Res** 1985 May;45(5):1953-7

Synergistic antitumor effect of fluoropyrimidines and polyinosinic-polycytidylic acid against L1210 leukemia. Iigo M, et al. **Cancer Res** 1985 Sep;45(9):4039-42

In vivo augmentation of rat lung natural killer cell activity and inhibition of experimental metastases by double-stranded polynucleotides. Nolibe D, et al. **Cancer Res** 1985 Oct;45(10):4774-8

Immunomodulatory effects in mice of polyinosinic-polycytidylic acid complexed with poly-L-lysine and carboxymethylcellulose. Talmadge JE, et al. **Cancer Res** 1985 Mar;45(3):1058-65

Induction of natural killer cell activity of thoracic duct lymphocytes by polyinosinic-polycytidylic acid (poly(I:C)) or interferon. Fresa KL, et al. **Cell Immunol** 1985 Apr 1; 91(2):336-43

Relationship between large granular lymphocytes and NK-1.2+ cells from normal and poly(inosinic:cytidylic acid) (poly(I:C]-treated mice. Alberti S, et al. **Clin Immunol Immunopathol** 1985 Jul;36(1):81-94

Effects of poly I:C in porcine iron deficient neutropenia. Gainer JH, et al. **Cornell Vet** 1985 Jul;75(3):454-65

Analysis of human blood monocyte activation at the level of gene expression. Expression of alpha interferon genes during activation of human monocytes by poly IC/LC and muramyl dipeptide. Stevenson HC, et al. **J Exp Med** 1985 Mar 1;161(3):503-13

Comparison of various assays to quantitate macrophage activation by biological response modifiers. Schultz RM, et al. **J Immunopharmacol** 1984;6(4):257-75

Poly I:C or IFN-alpha/beta treatment inhibits macrophage induced T cell proliferation. Blank KJ, et al. **J Interferon Res** 1985 Winter;5(1):215-21

Antigenicity of mouse interferons induced in vitro and in vivo by poly(I).poly(C). Machida H, et al. **J Interferon Res** 1984 Summer;4(3):347-53

Chronic induction of interferon by continuous infusion of polyriboinosinic:polyribocytidilic acid. Rothmann SA, et al. **J Interferon Res** 1985 Spring;5(2):273-8

Induction of human interferon gamma in nylon-column nonadherent human lymphocyte cells by heat-treated poly I:poly C. Tamura M, et al. **J Interferon Res** 1985 Winter; 5(1):77-84

Treatment of mice with polyinosinic-polycytidilic polyribonucleotide reduces T-cell involvement in a localized inflammatory response to vaccinia virus challenge. Korngold R, et al. **J Virol** 1985 Feb;53(2):489-94

Intensification of galactosamine hepatotoxicity by polyriboinosinic acid-polyribocytidylic acid. Sakakibara S, et al. **Life Sci** 1985 Feb 25;36(8):705-12

Kinetics of inhibition of in vitro interferon-alpha/beta production after benzo-(a)-pyrene exposure. Golemboski KA, et al. **Oncology** 1985;42(3):169-73

Vaccine adjuvant effects, and immune response, to synthetic polymers MVE and poly ICLC. Chirigos MA, et al. **Prog Clin Biol Res** 1984;161:467-79

Biological characterization of MVE-2 and poly ICLC. Schlick E, et al. **Prog Clin Biol Res** 1984;161:511-24

THERAPEUTIC USE

Antitumor effects of polyribonucleotides for mouse transitional cell carcinoma enhanced by cyclophosphamide. Borden EC, et al. **Cancer Res** 1985 Jan;45(1):45-50

Immunotherapeutic potential in murine tumor models of polyinosinic-polycytidylic acid and poly-L-lysine solubilized by carboxymethylcellulose. Talmadge JE, et al. **Cancer Res** 1985 Mar;45(3):1066-72

Response of mouse tumor to interferon inducer and radiation. Lvovsky EA, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1721-5

Protection by polyI:polyC against infection with herpes simplex virus in mice pretreated with Corynebacterium parvum. Storch E, et al. **Nat Immun Cell Growth Regul** 1983-84;3(3):134-42

POLY T see under **POLYDEOXYRIBONUCLEOTIDES**

POLY U

Solvation effects on the 31P-NMR chemical shifts and infrared spectra of phosphate diesters. Lerner DB, et al. **Biopolymers** 1984 Nov;23(11 Pt 1):2157-72

Calorimetric study of 2U:1A three stranded complexes formed between poly(U) and adenine dinucleotides: ApA and diastereoisomers of nonionic adenine dideoxyribonucleoside methyl phosphonate. Wierzchowski KL, et al. **Biopolymers** 1984 Nov;23(11 Pt 1):2361-82

Stoichiometry of GTP hydrolysis in a poly(U)-dependent cell-free translation system. Determination of GTP/peptide bond ratios during codon-specific elongation and misreading. Gavrilova LP, et al. **FEBS Lett** 1984 Dec 10; 178(2):283-7

Rate and rate-determining step of hydrogen-atom-induced strand breakage in poly(U) in aqueous solution under anoxic conditions. Bothe E, et al. **Z Naturforsch [C]** 1985 Mar-Apr;40(3-4):247-53

[Electric conductivity changes in salt-free solutions in connection with the formation of polyriboadenylic and polyribouridylic acid complexes] Filippov SM, et al. **Biofizika** 1984 Jul-Aug;29(4):560-3 (Eng. Abstr.) **(Rus)**

[Preparation of translating ribosomes by using a column with immobilized polyuridylic acid] Baranov VI. **Bioorg Khim** 1983 Dec;9(12):1650-7 (Eng. Abstr.) **(Rus)**

CHEMICAL SYNTHESIS

Synthesis and properties of poly 5-methylthiouridylic acid. Ho YK. **Nucleic Acids Res** 1984 Oct 11;12(19):7599-614

METABOLISM

Evidence for the association of core histones with poly(U) to nucleosome-like complexes. Klump HH, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jun;365(6):661-5

Kinetic studies on the cleavage of oligouridylic acids and poly U by bovine pancreatic ribonuclease A. Irie M, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):89-96

[Availability of DNP-modified 5'- and 3'-ends of the poly(U) fragment bound to the 30S ribosomal subunit for interaction with antibodies] Evstaf'eva AG, et al. **Biokhimiia** 1984 Jul; 49(7):1059-65 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Gamma-radiolysis of poly(U) in aqueous solution. The role of primary sugar and base radicals in the release of undamaged uracil. Deeble DJ, et al. **Int J Radiat Biol** 1984 Sep;46(3):247-60

Model studies for the direct effect of high-energy irradiation on DNA. Mechanism of strand break formation induced by laser photoionization of poly U in aqueous solution. Schulte-Frohlinde D, et al. **Int J Radiat Biol** 1985 Sep; 48(3):397-408

POLYADENYLIC ACIDS see **POLY A**

POLYAMIDES see **NYLONS**

POLYAMINES

Heparinizable materials (IV). Surface-grafting on poly(ethylene terephthalate) of heparin-complexing poly(amido-amine) chains. Barbucci R, et al. **Biomaterials** 1985 Mar;6(2):102-4

Abstracts of papers presented at the meeting on 'Progress in polyamine research' of the Italian Study Group of the Italian Biochemical Society. April 26-27, 1984, Messina. **Ital J Biochem** 1985 May-Jun;34(3):153A-227A

Growth of dissociated neurons in culture dishes coated with synthetic polymeric amines. Rüegg UT, et al. **Neurosci Lett** 1984 Aug 31;49(3):319-24

ADMINISTRATION & DOSAGE

[Effect of parenteral nitrogen feeding on the free amino acid composition of the blood serum and liver tissue in irradiated rats] Mil'ko VI, et al. **Radiobiologiia** 1985 May-Jun; 25(3):381-4 (Eng. Abstr.) **(Rus)**

ANALYSIS

A rapid high-performance liquid chromatographic procedure for the simultaneous determination of methionine, ethionine, S-adenosylmethionine, S-adenosylethionine, and the natural polyamines in rat tissues. Wagner J, et al. **Anal Biochem** 1984 Jul;140(1):108-16

Lack of detectable polyamines in an extremely halophilic bacterium. Chen KY, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):423-9

Distribution of polyamines in human epidermis. Baze PE, et al. **Br J Dermatol** 1985 Apr;112(4):393-6

Polyamines in colorectal cancer. Kingsnorth AN, et al. **Br J Surg** 1984 Oct;71(10):791-4

Chemosensitization of cultured human carcinoma cells to 1,3-bis(2-chloroethyl)-1-nitrosourea by difluoromethylornithine-induced polyamine depletion. Seidenfeld J, et al. **Cancer Res** 1985 May;45(5):2132-8

A rapid chemiluminescence-based method for the determination of total polyamines in biological samples. Fagerström R, et al. **Clin Chim Acta** 1984 Oct 29; 143(1):45-50

Further study on polyamines in primitive unicellular eukaryotic algae. Hamana K, et al. **J Biochem (Tokyo)** 1985 May;97(5):1311-5

Distinct difference in the polyamine compositions of bryophyta and pteridophyta. Hamana K, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1595-601

Analysis of dansyl derivatives of di- and polyamines in mouse brain, human serum and duodenal biopsy specimens by high-performance liquid chromatography on a standard reversed-phase column. Bontemps J, et al. **J Chromatogr** 1984 Nov 9;311(1):59-67

Polyamines of dental plaque in caries-resistant vs. caries-susceptible adults. Vratsanos SM, et al. **J Dent Res** 1985 Mar;64(3):422-4

Mechanistic flexibility in the reduction of copper(II) complexes of aliphatic polyamines by mercapto amino acids. Anderson CH, et al. **J Inorg Biochem** 1985 Jan; 23(1):29-41

Polyamines in human brain tumors. A correlative study between tumor, cerebrospinal fluid and red blood cell free polyamine levels. Moulinoux JP, et al. **J Neurooncol** 1984;

2(2):153-8

Sex difference in the cadmium effect on pulpal polyamines in rat incisor. Furuta H, et al. **Jpn J Pharmacol** 1984 Sep;36(1):110-3

Polyamines in microorganisms. Tabor CW, et al. **Microbiol Rev** 1985 Mar;49(1):81-99 (241 ref.)

Alterations of polyamines in body fluids during pregnancy in rats. Saito H. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Feb;37(2):293-300

Polyamines and nucleic acids in gestational trophoblastic tumors. Romano M, et al. **Tumori** 1985 Feb 28;71(1):35-8

1H, 13C, and 31P nuclear magnetic resonance studies of cowpea mosaic virus: detection and exchange of polyamines and dynamics of the RNA. Virudachalam R, et al. **Virology** 1985 Feb;141(1):43-50

[Value of polyamine levels in the follow-up of neuroepithelial tumors of the brain] Pecker J, et al. **Bull Acad Natl Med (Paris)** 1984 May-Jun;168(5-6):626-33 (Eng. Abstr.) **(Fre)**

[Studies on a biochemical marker of malignant bladder tumors. Polyamine concentrations in tissues of bladder cancer] Kiyohara H. **Nippon Gan Chiryo Gakkai Shi** 1984 May 20;19(4):820-31 (Eng. Abstr.) **(Jpn)**

[Polyamine analysis of blood, tissue and gastric juice and its clinical significance. III. Analysis of gastric juice polyamines and its clinical significance] Fuchita N, et al. **Rinsho Byori** 1984 Jul;Spec No 59:176-84 **(Jpn)**

[Polyamine analysis of blood, tissue and gastric juice and its clinical significance. II. Analysis of tissue polyamines and their derivatives and their significance] Matsuzaki S, et al. **Rinsho Byori** 1984 Jul;Spec No 59:167-75 (49 ref.) **(Jpn)**

[Short history of polyamine research] Oshima T. **Rinsho Byori** 1984 Jul;Spec No 59:3-11 **(Jpn)**

[High performance liquid chromatography of amino acids and polyamines utilizing NBD-F as a precolumn labeling reagent] Imai K. **Tanpakushitsu Kakusan Koso** 1984 Jun;29(6):469-71 **(Jpn)**

[Concentration of polyamines in the semen of healthy subjects and patients with chronic nonspecific prostatitis] Shamin GA, et al. **Urol Nefrol (Mosk)** 1985 Jan-Feb;(1):36-8 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Enhancement of the antiproliferative activity of human interferon by polyamine depletion. Kovach JS, et al. **Cancer Treat Rep** 1985 Jan;69(1):97-103

Potential uses of polyamine biosynthesis inhibitors in tumor therapy. Oredsson SM, et al. **Prog Exp Tumor Res** 1984;28:102-17

BIOSYNTHESIS

Hyperoxic lung injury and polyamine biosynthesis. Age-related differences. Hacker AD, et al. **Am Rev Respir Dis** 1985 Aug;132(2):354-7

1-Aminooxy-3-aminopropane, a new and potent inhibitor of polyamine biosynthesis that inhibits ornithine decarboxylase, adenosylmethionine decarboxylase and spermidine synthase. Khomutov RM, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):596-602

Hyperthermia and polyamine biosynthesis: decreased ornithine decarboxylase induction in skin and kidney after heat shock. Verma AK, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):156-62

Host liver changes in leukemic mice: effect of alpha-difluoromethyl ornithine, an inhibitor of polyamine synthesis. Chandar N, et al. **Biochem Int** 1984 Dec;9(6):705-13

Effects of alpha-difluoromethylornithine on polyamine biosynthesis and tyrosine hydroxylase induction in the adrenal gland of the rat subjected to stress or apomorphine. Ekker M, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1315-20

Bacterial polyamines, structures and biosynthesis. Tait GH. **Biochem Soc Trans** 1985 Apr;13(2):316-8

Regulation of polyamine biosynthesis by antizyme and some recent developments relating the induction of polyamine biosynthesis to cell growth. Review. Canellakis ES, et al. **Biosci Rep** 1985 Mar;5(3):189-204 (106 ref.)

Physiological effects in bovine lymphocytes of inhibiting polyamine synthesis with ethylglyoxal bis(guanylhydrazone). Igarashi K, et al. **Cancer Res** 1984 Nov;44(11):5332-7

Comparison of specificity of inhibition of polyamine synthesis in bovine lymphocytes by ethylglyoxal bis(guanylhydrazone) and methylglyoxal bis(guanylhydrazone). Igarashi K, et al. **Cancer Res** 1984 Nov;44(11):5326-31

Effects of inhibitors of polyamine biosynthesis on the growth and melanogenesis of murine melanoma cells. Käpyaho K, et al. **Cancer Res** 1985 Apr;45(4):1444-8

Independent regulation of ornithine decarboxylase and S-adenosylmethionine decarboxylase in methylthioadenosine phosphorylase-deficient malignant murine lymphoblasts. Kubota M, et al. **Cancer Res** 1985 Aug;45(8):3567-72

Effect of inhibition of polyamine biosynthesis by DL-alpha-difluoromethylornithine on the growth and melanogenesis of B16 melanoma in vitro and in vivo. Sunkara PS, et al. **Cancer Res** 1985 Sep;45(9):4067-70

Effect of difluoromethylornithine, an inhibitor of polyamine biosynthesis, on the topoisomerase II-mediated DNA scission produced by 4'-(9-acridinylamino)methanesulfon-m-anisidide in L1210 murine leukemia cells. Zwelling LA, et al. **Cancer Res** 1985 Mar;45(3):1122-6

Role of polyamine synthesis in the stimulation of hexose transport by epidermal growth factor and 12-O-tetradecanoylphorbol-13-acetate in cultured mouse fibroblasts. Yamanishi K, et al. **Cell Biol Int Rep** 1984 Aug;8(8):636

Prolactin-induced polyamine biosynthesis in spleen and thymus: specific inhibition by cyclosporine. Russell DH, et al. **Immunopharmacology** 1985 Jun;9(3):165-74

Polyamine biosynthesis in the developing rabbit palate. Mandella RD. **J Craniofac Genet Dev Biol** 1985;5(1):31-40

Effects of a cholecystokinin-like peptide on DNA and polyamine synthesis in the rat pancreas. Haarstad H, et al. **Scand J Gastroenterol** 1985 May;20(4):530-8

Rat uterine polyamine biosynthetic decarboxylase activities following multiple injections of estradiol-17 beta and/or estriol. Lavia LA, et al. **Steroids** 1984 Apr;43(4):415-27

Increased rate of tumor cell death caused by polyamine synthesis inhibitors. Oredsson SM, et al. **Virchows Arch [Cell Pathol]** 1984;47(2):131-8

[Cancer metastasis and polyamines] Hibasami H, et al. **Tanpakushitsu Kakusan Koso** 1985 May;30(5):335-49 (120 ref.) **(Jpn)**

BLOOD

Polyamine levels in gynecologic malignancies. Hayase R, et al. **Acta Med Okayama** 1985 Feb;39(1):35-45

Polyamine levels and the activity of their biosynthetic enzymes in human erythrocytes infected with the malarial parasite, Plasmodium falciparum. Assaraf YG, et al. **Biochem J** 1984 Sep 15;222(3):815-9

Diagnostic value of erythrocyte-free polyamines and histaminemia in malignant hepatic tumors and in liver cirrhosis. Moulinoux JP, et al. **Clin Chim Acta** 1985 Jan 15;145(1):77-87

Nutritional parameters affecting erythrocyte polyamine levels in cancer patients. Ota DM, et al. **J Clin Oncol** 1984 Oct;2(10):1157-64

[Determination of polyamines in plasma and erythrocytes of patients with chronic renal failure] Saito A, et al. **Nippon Jinzo Gakkai Shi** 1985 Feb;27(2):183-8 (Eng. Abstr.) **(Jpn)**

[Polyamine analysis of blood, tissue and gastric juice and its clinical significance. I. Blood polyamine analysis and its significance. B. Erythrocyte polyamine analysis method and its clinical application] Shinpo K, et al. **Rinsho Byori** 1984 Jul;Spec No 59:157-66 **(Jpn)**

[Polyamine analysis of blood, tissue and gastric juice and its clinical significance. I. Blood polyamine analysis and its significance. A. Erythrocyte polyamine values in surgical patients with cancer] Takami H. **Rinsho Byori** 1984 Jul;Spec No 59:151-6 **(Jpn)**

CEREBROSPINAL FLUID

Tumor markers and cytologic features of cerebrospinal fluid. Edwards MS, et al. **Cancer** 1985 Oct 1;56(7 Suppl):1773-7

CHEMICAL SYNTHESIS

Syntheses of 15N-enriched polyamines. Samejima K, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3428-35

DIAGNOSTIC USE

Chemical and biological properties of a cationic Tc-tetraamine complex. Bläuenstein P, et al. **Int J Appl Radiat Isot** 1985 Apr;36(4):315-7

Comparison of a modified manual hexadimethrine bromide (Polybrene) and a low-ionic-strength solution antibody detection technique. Ferrer Z, et al. **Transfusion** 1985 Mar-Apr;25(2):145-8

Influence of IgG subclasses on automated anti-D (Rho) quantification. Boudart D, et al. **Vox Sang** 1984;47(5):373-8

IMMUNOLOGY

Immunoregulatory activities of human trophoblasts mediated by polyamine complexes. Remacle-Bonnet M, et al. **Am J Reprod Immunol Microbiol** 1985 Jun;8(2):55-61

ISOLATION & PURIFICATION

Separation of cadaverine from putrescine, histamine and polyamines in rat kidney by phosphocellulose chromatography. Furuta H, et al. **J Chromatogr** 1985 Jan 11;337(1):103-9

[Method of determining low-molecular weight oligoamines in various biological materials] Chudinov AA, et al. **Vopr Med Khim** 1984 Jul-Aug;30(4):127-32 (Eng. Abstr.) **(Rus)**

METABOLISM

Polyamines and the development of monocrotaline-induced pulmonary hypertension. Olson JW, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):H682-5

Polyamines and intestinal growth: absolute requirement for ODC activity in adaptation during lactation. Yang P, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):G553-7

Polyamine metabolism and polyamine excretion in normal and tumor bearing rodents. Seiler N, et al. **Anticancer Res** 1985 Jul-Aug;5(4):371-7

Response of hepatic ornithine decarboxylase and polyamine concentration to surgical stress in the rat: evidence for a permissive effect of catecholamines on glucocorticoid action. Corti A, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):885-91

Isolation of rat mammary epithelial cells for polyamine analysis. Minocha R, et al. **Biochem J** 1984 Nov 1;223(3):929-32

The role of polyamine depletion and accumulation of decarboxylated S-adenosylmethionine in the inhibition of growth of SV-3T3 cells treated with alpha-difluoromethylornithine. Pegg AE. **Biochem J** 1984 Nov 15;224(1):29-38

The influence of catabolic reactions on polyamine excretion. Seiler N, et al. **Biochem J** 1985 Jan 1;225(1):219-26

Pulmonary accumulation of methylglyoxal-bis(guanylhydrazone) by the oligoamine uptake system. Gordonsmith RH, et al. **Biochem Pharmacol** 1985 May 15;34(10):1809-16

Cytotoxic activity of aziridinyl putrescine enhanced by polyamine depletion with alpha-difluoromethylornithine. Heston WD, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2409-10

The identification and characterization of a polyamine-accumulation system in the lung. Smith LL. **Biochem Soc Trans** 1985 Apr;13(2):332-4

Polyamine metabolism in mammalian cells in culture. Wallace HM, et al. **Biochem Soc Trans** 1985 Apr;13(2):329-30

Polyamine metabolism and virus replication. Williamson JD. **Biochem Soc Trans** 1985 Apr;13(2):331-2

Presence of di- and polyamines covalently bound to protein in rat liver. Beninati S, et al. **Biochim Biophys Acta** 1985 Jul 26;841(1):120-6

Differential regulation of polyamine synthesis and transmethylation reactions in methylthioadenosine phosphorylase deficient mammalian cells. Iizasa T, et al. **Biochim Biophys Acta** 1985 Mar 21;844(3):280-7

Dicyclohexylamine effects on HTC cell polyamine content and ornithine decarboxylase activity. Mitchell JL, et al. **Biochim Biophys Acta** 1985 Jul 5;840(3):309-16

Catabolism of polyamines in the rat. Polyamines and their non-alpha-amino acid metabolites. Van den Berg GA, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):175-87

Changes in ornithine decarboxylase activity and polyamine levels during the growth of Tetrahymena thermophila cultures. Yao KM, et al. **Comp Biochem Physiol [B]** 1985;80(4):827-9

'Superpolyamines'. Macrocyclic polyamines induce highly efficient actin polymerization. Oriol-Audit C, et al. **Eur J Biochem** 1985 Sep 16;151(3):557-9

Polyamine metabolism in P388 leukemia cells and in ascites tumor-bearing mice. Kremmer T, et al. **Exp Cell Biol** 1984;52(5):279-85

Cellular proliferation and hypusine synthesis. Torrelio BM, et al. **Exp Cell Res** 1984 Oct;154(2):454-63

Study of ocular tissue changes, brain GABA and polyamine levels in rats exposed to carbon disulfide. Sefić M, et al. **G Ital Med Lav** 1984 May-Jul;6(3-4):127-9

Polyamine requirement for microbial protein synthesis: structural specificity in cell-free systems of Escherichia coli. Praisler R, et al. **Hoppe Seylers Z Physiol Chem** 1984 Sep;365(9):1155-62

Activity of some enzymes involved in the metabolism of polyamines in the liver of streptozotocin-diabetic rats. Grillo MA, et al. **Int J Biochem** 1984;16(12):1345-7

Polyamines in photosynthetic eubacteria and extreme-halophilic archaebacteria. Hamana K, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1653-8

Amplification of ornithine decarboxylase gene in response to polyamine deprivation in Chinese hamster ovary cells. Pohjanpelto P, et al. **J Biol Chem** 1985 Jul 15;260(14):8532-7

Oxidation of oxalate and polyamines by rat peroxisomes. Beard ME, et al. **J Histochem Cytochem** 1985 May;33(5):460-4

Ornithine decarboxylase activity is inhibited by epidermal polyamine-dependent protein kinase-mediated phosphorylation. Nemoto O, et al. **J Invest Dermatol** 1984 Oct;83(4):257-60

Axonal transport of polyamines in intact and regenerating axons of the rat sciatic nerve. Lindquist TD, et al. **J Neurochem** 1985 Jun;44(6):1913-9

Limited blood-brain barrier transport of polyamines. Shin WW, et al. **J Neurochem** 1985 Apr;44(4):1056-9

Ornithine decarboxylase inhibition and the malaria-infected red cell: a model for polyamine metabolism and growth. Whaun JM, et al. **J Pharmacol Exp Ther** 1985 May;233(2):507-11

Effect of difluoromethylornithine on host and tumor polyamine metabolism during total parenteral nutrition. Harris WB, et al. **J Surg Res** 1985 Jun;38(6):592-8

Polyamines as mediators of the effect of prolactin and growth hormone on the growth of N-nitroso-N-methylurea-induced rat mammary tumor cultured in vitro in soft agar. Manni A, et al. **JNCI** 1985 Apr;74(4):941-4

Polyamines in brain and heart of the neonatal rat: effects of inhibitors of ornithine decarboxylase and spermidine synthase. Slotkin TA, et al. **Life Sci** 1984 Sep 3;35(10):1125-31

Polyamines in mammalian ageing: an oncological problem, too? A review. Scalabrino G, et al. **Mech Ageing Dev** 1984 Aug;26(2-3):149-64 (87 ref.)

Relationships among uterine growth, ornithine decarboxylase activity and polyamine levels: studies with estradiol and antiestrogens. Rorke EA, et al. **Mol Cell Endocrinol** 1984 Nov;38(1):31-8

Polyamine reutilization and turnover in brain. Seiler N, et al. **Neurochem Res** 1985 Apr;10(4):529-44

Polyamines in biology and medicine [editorial] Luk GD, et al. **West J Med** 1985 Jan;142(1):89-90

Polyamines in clinical disorders. Tierney DF, et al. **West J Med** 1985 Jan;142(1):63-73

Effects of monensin on polyamine formation in rumen liquid of small ruminants. Eliassen KA, et al. **Zentralbl Veterinarmed** [A] 1985 May;32(5):356-67

[Polyamines in animal cells--from molecular biology to clinical application] Jänne J. **Duodecim** 1985;101(3):263-71 **(Fin)**

[The effect of modification of the intracellular distribution of polyamines on the proliferation of hepatocytes treated with 2-methyl-9-hydroxyellipticine] Quemener V, et al. **J Nat Prod** 1985 May-Jun;48(3):376-89 (Eng. Abstr.) **(Fre)**

[Polycationic condensation of the cell surface. Glycolemma compartmentation and the mechanism of action of polyamine regulation] Antohi S, et al. **Physiologie** 1984 Jul-Sep;21(3):213-7 **(Fre)**

[Biological dynamics and metabolism of polyamines] Nagatsu T, et al. **Rinsho Byori** 1984 Jul;Spec No 59:23-8 (30 ref.) **(Jpn)**

[Various aspects of the biological role of polyamines in normal and malignant growth] Zaletok SP, et al. **Eksp Onkol** 1984;6(4):10-7 (62 ref.) (Eng. Abstr.) **(Rus)**

[Polyamine metabolism in different physiological states in women] Méndez JD, et al. **Ginecol Obstet Mex** 1984 May; 52(325):133-8 (Eng. Abstr.) **(Spa)**

PHARMACODYNAMICS

The dynamics of mast cell secretion mediated by IgE or polyamines. Berlin G. **Agents Actions** 1984 Dec; 15(5-6):482-7

Botrocetin- and polybrene-induced platelet aggregation in platelet-type von Willebrand disease. Takahashi H, et al. **Am J Hematol** 1985 Feb;18(2):179-89

Effect of polyamines on hemoglobin and globin chain synthesis. Ballas SK, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):546-52

Stimulation of pyruvate dehydrogenase phosphatase activity by polyamines. Damuni Z, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):95-9

Ornithine decarboxylase modification and polyamine-stimulated enzyme inactivation in HTC cells. Mitchell JL, et al. **Biochem J** 1985 Jun 1;228(2):297-308

Differential inhibition of histone and polyamine acetylases by multisubstrate analogues. Erwin BG, et al. **Biochemistry** 1984 Aug 28;23(18):4250-5

Effect of polyamines and basic proteins on cleavage of DNA by restriction endonucleases. Pingoud A, et al. **Biochemistry** 1984 Nov 20;23(24):5697-703

Regulation of protein phosphorylation by polyamines in hepatocytes. Auberger P, et al. **Biochim Biophys Acta** 1984 Oct 16;801(3):461-9

Polyamines stimulate D-glucose transport in isolated renal brush-border membrane vesicles. Elgavish A, et al. **Biochim Biophys Acta** 1984 Oct 17;777(1):1-8

Erythroid differentiation of cultured murine erythroleukemia cells by the spermine analogue canavalmine. Fujihara S, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):101-8

The characterization and regulation of a polyamine-responsive, cyclic nucleotide-independent protein kinase activity in the mouse mammary gland. Leiderman LJ, et al. **Biochim Biophys Acta** 1985 Feb 21; 844(2):95-104

Action of polyamines on ribonucleic acid and protein synthesis during ontogeny of human fetal liver. Choudhury I, et al. **Biol Neonate** 1984;46(5):209-14

Effects of cholestyramine and colestipol on the plasma concentrations of propranolol. Hibbard DM, et al. **Br J Clin Pharmacol** 1984 Sep;18(3):337-42

Polyamines and estrogen control of growth of the NMU-induced rat mammary tumor. Manni A, et al. **Breast Cancer Res Treat** 1985;5(2):129-36

Stimulation of Rauscher leukemia virus DNA polymerase DNA-directed DNA synthesis by cationic trypanocides and polyamines. Marcus SL, et al. **Cancer Res** 1985 Jan; 45(1):112-5

Inhibition of the uptake of benzo[a]pyrene in cells by polyamines. Kowitz H, et al. **Chem Biol Interact** 1985 May; 53(3):365-70

Macrocyclic polyamines as a possible chemical model for histamine H2-receptors. Kimura E, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3569-78

Polyamine effects on cytochrome P-450- and flavin-containing monooxygenase-mediated oxidation of xenobiotics. Osimitz TG, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):197-203

The protein phosphatases involved in cellular regulation. Influence of polyamines on the activities of protein phosphatase-1 and protein phosphatase-2A. Tung HY, et al. **Eur J Biochem** 1985 Jun 3;149(2):305-13

Synchronous exocytosis in Paramecium cells. IV. Polyamino compounds as potent trigger agents for repeatable trigger-redocking cycles. Plattner H, et al. **Eur J Cell Biol** 1985 Jan;36(1):32-7

Differential effects of lysosomotropic amines and polyamines on processing and biological activity of EGF. Widelitz RB, et al. **Exp Cell Res** 1984 Nov;155(1):163-70

Stimulation of the mouse hepatic microsomal aniline p-hydroxylases by acetone and polyamines. Kulkarni AP, et al. **Gen Pharmacol** 1985;16(1):13-8

Polyamines stimulate hGH receptor-binding in liver microsomes. D'Abronzo FH, et al. **Horm Metab Res** 1985 Mar;17(3):168

Inhibition of human neutrophil locomotion by the polyamine oxidase-polyamine system. Ferrante A. **Immunology** 1985 Apr;54(4):785-90

Activation of mammalian RNA polymerases by polyamines. Blair DG. **Int J Biochem** 1985;17(1):23-30 (81 ref.)

Effect of polycations on the transforming activity of various markers of Bacillus subtilis. el-Hamalawi AR, et al. **Ital J Biochem** 1984 Nov-Dec;33(6):369-80

Effects of heparin and polyamines on the phosphorylation of high mobility group proteins by cyclic nucleotide-independent phosvitin kinase from pig testis. Katoh N, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):859-66

Effects of androgen and polyamines on the phosphorylation of nucleolar proteins from rat ventral prostates with particular reference to 110-kDa phosphoprotein. Suzuki N, et al. **J Biol Chem** 1985 Jul 5;260(13):8050-5

Effects of polyamines upon capacitation and fertilization in the guinea pig. Fleming AD, et al. **J Exp Zool** 1985 Jan; 233(1):93-100

Carboxyethyl gamma-aminobutyric acid, a polyamine derivative molecule with a growth effect on hybridomas. Cerino A, et al. **J Immunol Methods** 1985 Mar 18; 77(2):229-35

Evidence against putrescine and polyamines as endogenous mediators of fever. Dascombe MJ, et al. **J Pharm Pharmacol** 1985 May;37(5):365-6

Colestipol and energy restriction as an approach to hasten removal of PBBs from chickens. Polin D, et al. **J Toxicol Environ Health** 1984;13(4-6):659-71

Polyamine-sensitive protein kinase from chick intestinal mucosa. Mezzetti G, et al. **Mol Cell Biochem** 1985 Mar; 66(2):175-83

Hexamine cobalt chloride promotes intermolecular ligation of blunt end DNA fragments by T4 DNA ligase. Rusche JR, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):1997-2008

Opposing effects of the polycation hexadimethrine (polybrene) on normal and leukemic lymphocytes. Patt LM, et al. **Pharmacology** 1985;30(2):109-14

Polycation-cell surface interactions and plasma membrane compartments in mammals. Interference of oligocation with polycationic condensation. Antohi S, et al. **Z Naturforsch** [C] 1984 Jul-Aug;39(7-8):767-75

[Activity of uremic toxins and polyamines on organ culture of 7-day-old chick embryo] Stabellini G, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30;61(3):387-94 (Eng. Abstr.) **(Ita)**

[Mechanisms of the effect of polyamines on the complex-forming ability of blood plasma ribonucleases] Garkavenko OS. **Vopr Onkol** 1985;31(7):105-9 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

The physiology and biochemistry of polyamines in plants. Slocum RD, et al. **Arch Biochem Biophys** 1984 Dec; 235(2):283-303 (202 ref.)

Necessity of polyamines for maximum in vivo synthesis of beta beta' subunits of RNA polymerase. Mitsui K, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):528-34

A role for polyamines in stimulus-secretion coupling in the pancreatic beta-cell. Bungay PJ, et al. **Biosci Rep** 1984 Oct; 4(10):869-77

Role of polyamines in estradiol-induced growth of human breast cancer cells. Lima G, et al. **Cancer Res** 1985 Jun; 45(6):2466-70

Polyamines and the development of isolated neurons in cell culture. Seiler N, et al. **Neurochem Res** 1984 Jul;9(7):871-86

Impaired development of cerebellar cortex in rats treated postnatally with alpha-difluoromethylornithine. Bartolome JV, et al. **Neuroscience** 1985 May;15(1):203-13

Hormones and polyamines in intestinal and pancreatic adaptation. Dowling RH, et al. **Scand J Gastroenterol [Suppl]** 1985;112:84-95

Morphological changes in Trypanosoma brucei rhodesiense following inhibition of polyamine biosynthesis in vivo. de Gee AL, et al. **Tissue Cell** 1984;16(5):731-8

[Polyamines and cancer--their role as cell growth factors] Yamakawa T. **Rinsho Byori** 1984 Jul;Spec No 59:12-22 (28 ref.) **(Jpn)**

THERAPEUTIC USE

Mevinolin plus colestipol in therapy for severe heterozygous familial hypercholesterolemia. Illingworth DR. **Ann Intern Med** 1984 Nov;101(5):598-604

A new macrocyclic hexaamine ligand for the dissolution of human inorganic calculi. Kimura E, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):655-61

The effect of WR 149024 on survival following hemorrhage in conscious rats. Brown DF, et al. **Toxicol Lett** 1985 Aug; 26(2-3):127-32

TOXICITY

Inhibition of cell proliferation by polyamines does not depend on the cytotoxicity of acrolein. Smith CJ, et al. **Biochem Soc Trans** 1985 Apr;13(2):326-9

URINE

The value of urinary polyamine assay in stomach cancer. Comparison with serum carcinoembryonic antigen. Kubota S, et al. **Cancer** 1985 Oct 1;56(7):1630-5

Excretion of polyamines by humans following inhibition of diamine oxidase. Chayen R, et al. **Isr J Med Sci** 1985 Jun; 21(6):543-5

Mass fragmentographic identification of polyamine metabolites in the urine of normal persons and cancer patients, and its relevance to the use of polyamines as tumour markers. van den Berg GA, et al. **J Chromatogr** 1985 May 3;339(2):223-31

Urinary polyamine levels are markers of altered T lymphocyte proliferation/loss and rejection in heart transplant patients. Womble JR, et al. **Transplant Proc** 1984 Dec;16(6):1573-5

[Polyamine in the urine of patients with malignant tumor] Miao JS. **Chung Hua Chung Liu Tsa Chih** 1984 Jul; 6(4):269-72 (Eng. Abstr.) **(Chi)**

[Urinary polyamine analysis and its clinical significance. I. Analysis by HPLC and its clinical application. B. Clinical application to the fields of obstetrics and gynecology] Eguchi K, et al. **Rinsho Byori** 1984 Jul;Spec No 59:38-49 **(Jpn)**

[Urinary polyamine analysis and its clinical significance. II. Analysis by the enzymatic assay method and its clinical application. E. Polyamine in the field of pediatrics] Iwasaki Y, et al. **Rinsho Byori** 1984 Jul;Spec No 59:89-96 **(Jpn)**

[Urinary polyamine analysis and its clinical significance. II. Analysis by the enzymatic assay method and its clinical application. B. Polyamines and the fields of obstetrics and gynecology] Kaku R, et al. **Rinsho Byori** 1984 Jul;Spec No 59:69-76 **(Jpn)**

[Urinary polyamine analysis and its clinical significance. III. Chemiluminescence method for the assay of urinary polyamines and its clinical application] Kamei S, et al. **Rinsho Byori** 1984 Jul;Spec No 59:142-50 **(Jpn)**

[Urinary polyamine analysis and its clinical significance. I. Analysis by HPLC and its clinical application. C. Urinary polyamine in pediatric patients with malignant tumors and its clinical significance] Kubo M, et al. **Rinsho Byori** 1984 Jul;Spec No 59:50-63 **(Jpn)**

[Urinary polyamine analysis and its clinical significance. II. Analysis by the enzymatic assay method and its clinical application A. Urinary polyamines in patients with various tumors] Kubota S, et al. **Rinsho Byori** 1984 Jul;Spec No 59:64-8 **(Jpn)**

[Urinary polyamine analysis and its clinical significance. II. Analysis by the enzymatic assay method and its clinical application. H. Enzymatic assay methods and their clinical application] Matsumoto T, et al. **Rinsho Byori** 1984 Jul; Spec No 59:114-22 (25 ref.) **(Jpn)**

[Urinary polyamine analysis and its clinical significance. II. Analysis by enzymatic assay method and its clinical application. I. Urinary polyamines in patients with hematologic malignancies] Nagoshi H, et al. **Rinsho Byori** 1984 Jul;Spec No 59:123-30 **(Jpn)**

[Urinary polyamine analysis and its clinical significance. II. Analysis by the enzymatic assay method and its clinical application. C. Polyamines in liver disease] Ohkubo A, et al. **Rinsho Byori** 1984 Jul;Spec No 59:77-81 **(Jpn)**

[Urinary polyamine analysis and its clinical significance. II. Analysis by the enzymatic assay method and its clinical application. J. Urinary polyamines in the aged] Okabe H. **Rinsho Byori** 1984 Jul;Spec No 59:131-41 **(Jpn)**

[Urinary polyamine analysis and its clinical significance. II. Analysis by the enzymatic assay method and its clinical application. F. CRP and polyamines] Okabe Y, et al. **Rinsho Byori** 1984 Jul;Spec No 59:97-104 **(Jpn)**

[Urinary polyamine analysis and its clinical significance. I. Analysis by HPLC and its clinical application. A. Urinary acetylpolyamine in patients with malignant tumors] Shinpo K, et al. **Rinsho Byori** 1984 Jul;Spec No 59:29-37 **(Jpn)**

[Urinary polyamine analysis and its clinical significance. II. Analysis by the enzymatic assay method and its clinical application. G. Urinary polyamine values in multiphasic screening] Suzuki T, et al. **Rinsho Byori** 1984 Jul;Spec No 59:105-13 **(Jpn)**

[Urinary polyamine analysis and its clinical significance. II. Analysis by the enzymatic assay method and its clinical application. D. Polyamines in urogenital neoplasms] Yagishita T, et al. **Rinsho Byori** 1984 Jul;Spec No 59:82-8 **(Jpn)**

POLYANETHOL SULFONATE see under **BENZENESULFONATES**

POLYANGIACEAE see **MYXOBACTERALES**

POLYANGIUM see **MYXOBACTERALES**

POLYARTERITIS NODOSA see **PERIARTERITIS NODOSA**

POLYBROMOBIPHENYL COMPOUNDS

ANALYSIS

Determination of standard potentials and electron-transfer rates for halobiphenyls from electrocatalytic data. Connors TF, et al. **Anal Chem** 1985 Jan;57(1):170-4

Persistence of polybrominated biphenyls (PBB) in human post-mortem tissue. Miceli JN, et al. **Environ Health Perspect** 1985 May;60:399-403

Photolysis products of 2,4,5,2',4',5'-hexabromobiphenyl: hepatic microsomal enzyme induction and toxicity in Sprague-Dawley rats. Millis CD, et al. **Fundam Appl Toxicol** 1985 Jun;5(3):555-67

Characterization of the photolysis of 2,4,5,2',4',5'-hexabromobiphenyl. Millis CD, et al. **Fundam Appl Toxicol** 1985 Jun;5(3):546-54

BLOOD

Polybrominated biphenyls in model and environmentally contaminated human blood: protein binding and immunotoxicological studies. Roboz J, et al. **Environ Health Perspect** 1985 May;60:107-13

Interlaboratory comparison for results of analyses for polybrominated biphenyls in human serum. Burse VW, et al. **J Anal Toxicol** 1980 Jan-Feb;4(1):22-6

METABOLISM

An in vitro model for the binding of polybrominated biphenyls in environmentally contaminated blood. Roboz J, et al. **Arch Environ Contam Toxicol** 1985 Mar; 14(2):137-42

Colestipol and energy restriction as an approach to hasten removal of PBBs from chickens. Polin D, et al. **J Toxicol Environ Health** 1984;13(4-6):659-71

Studies on the structure-activity relationships for the metabolism of polybrominated biphenyls by rat liver microsomes. Mills RA, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):96-104

PHARMACODYNAMICS

Metabolism of aflatoxin B1 by rat hepatic microsomes induced by polyhalogenated biphenyl congeners. Halvorson MR, et al. **Appl Environ Microbiol** 1985 Apr; 49(4):882-6

Kinetic parameters of L-[125I]triiodothyronine degradation in rats pretreated with polyhalogenated biphenyls. Sepkovic DW, et al. **Food Chem Toxicol** 1984 Sep; 22(9):743-7

Influence of maternal PBB body burden on the response to drugs. Gause EM, et al. **Proc West Pharmacol Soc** 1984; 27:501-6

Aflatoxin B1 metabolism in the rat: polyhalogenated biphenyl enhanced conversion to aflatoxin M1. Shepherd EC, et al. **Xenobiotica** 1984 Sep;14(9):741-50

TOXICITY

Acute toxicity of dietary polybrominated biphenyls in Bobwhite quail. Cottrell WO, et al. **Bull Environ Contam Toxicol** 1984 Sep;33(3):308-12

Polychlorinated biphenyls (PCBs) and polybrominated biphenyls (PBBs): biochemistry, toxicology, and mechanism of action. Safe S. **CRC Crit Rev Toxicol** 1984; 13(4):319-95 (537 ref.)

Acute response of rat liver microsomal lipids, lipid peroxidation, and membrane anisotropy to a single oral dose of polybrominated biphenyls. Bernert JT Jr, et al. **J Toxicol Environ Health** 1984;13(4-6):673-87

Stunted growth, increased mortality, and liver tumors in offspring of polybrominated biphenyl (PBB) dosed sherman rats. Groce DF, et al. **J Toxicol Environ Health** 1984; 14(5-6):695-706

Toxicity of 3,4,5,3',4',5'-hexabrominated biphenyl and 3,4,3',4'-tetrabrominated biphenyl. Millis CD, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):88-95

Behavioral effects of drugs as a function of maternal polybrominated biphenyl body burden. Geller I, et al. **Toxicol Lett** 1985 Feb-Mar;24(2-3):229-34

POLYCARBOXYLATE CEMENT see under **DENTAL CEMENTS**

POLYCHAETA

ANALYSIS

High-performance liquid chromatographic separation of glycopeptides from Nereis cuticle collagen. Sharma YD, et al. **Anal Biochem** 1984 Aug 15;141(1):205-12

Evaluation of the extent of heterogeneity in the Glycera dibranchiata monomer haemoglobin fraction by the use of n.m.r. and ion-exchange chromatography. Kandler RL, et al. **Biochem J** 1985 Feb 15;226(1):131-8

Subunit structure of extracellular hemoglobin from the polychaete Tylorrhynchus heterochaetus and amino acid sequence of the constituent polypeptide chain (IIC). Suzuki T, et al. **J Biol Chem** 1985 Mar 10;260(5):3145-54

ANATOMY & HISTOLOGY

Absence of toxin-producing parapodial glands in amphinomid polychaetes (fireworms). Eckert GJ. **Toxicon** 1985;23(2):350-3

DRUG EFFECTS

A statistical analysis of Neanthes arenaceodentata, sister chromatid exchange data. Pesch G, et al. **Basic Life Sci** 1984;29 Pt A:481-91

Effects of Puget Sound sediments and their elutriates on the life cycle of Capitella capitata. Chapman PM, et al. **Bull Environ Contam Toxicol** 1984 Oct;33(4):451-9

EMBRYOLOGY

Development in vitro of the female germ cells of the polychaete Ophryotrocha labronica. Emanuelsson H, et al. **J Embryol Exp Morphol** 1985 Feb;85:151-61

METABOLISM

Significant potassium ion accumulation at the external surface of Myxicola giant axons. Moran N, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):213-20

Anomalous pH dependence of the heme-bound carbon monoxide spectroscopic properties in the Glycera dibranchiata monomer hemoglobin fraction compared to vertebrate hemoglobins. Satterlee JD. **Biochim Biophys Acta** 1984 Dec 21;791(3):384-94

Study of the conversion of GDP-mannose into GDP-fucose in Nereids: a biochemical marker of oocyte maturation. Bulet P, et al. **Eur J Biochem** 1984 Oct 15;144(2):255-9

Oxygen-binding characteristics of Potamilla chlorocruorin. Imai K, et al. **Eur J Biochem** 1985 Mar 15;147(3):453-63

The amino acid sequence of sarcoplasmic calcium-binding protein obtained from sandworm, Perinereis vancaurica tetradentata. Kobayashi T, et al. **Eur J Biochem** 1984 Oct 15;144(2):401-8

PHYSIOLOGY

Neuromuscular pharmacology of the anterior intestine of Chaetopterus variopedatus, a filter-feeding polychaete. Anctil M, et al. **Comp Biochem Physiol [C]** 1984; 79(2):343-51

Rise and fall of protein phosphorylation during meiotic maturation in oocytes of Sabellaria alveolata (polychaete annelid). Peaucellier G, et al. **Dev Biol** 1984 Dec; 106(2):267-74

Two calcium currents in Neanthes arenaceodentatus egg cell membranes. Fox AP, et al. **J Physiol (Lond)** 1984 Nov; 356:491-505

The role of the heart-body and of the extravasal tissue in disposal of foreign cells in two polychaete annelids. Braunbeck T, et al. **Tissue Cell** 1984;16(4):557-63

ULTRASTRUCTURE

Novel organelle associations in photoreceptors of a serpulid polychaete worm. Smith RS. **Tissue Cell** 1984;16(6):951-6

POLYCHEMOTHERAPY see **DRUG THERAPY, COMBINATION**

POLYCHEMOTHERAPY, NEOPLASM see **ANTINEOPLASTIC AGENTS, COMBINED**

POLYCHLOROBIPHENYL COMPOUNDS

Permeation of polychlorinated biphenyls and solutions of these substances through selected protective clothing materials. Stampfer JF, et al. **Am Ind Hyg Assoc J** 1984 Sep;45(9):634-41

PCB exposure from fluorescent lights [letter] Harris MG. **Am J Public Health** 1985 Aug;75(8):892

Amateur radio operators and exposure to polychlorinated biphenyls. Stehr PA, et al. **Arch Environ Health** 1985 Jan-Feb;40(1):18-9

Formation, occurrence and analysis of polychlorinated dibenzofurans, dioxins and related compounds. Buser HR. **Environ Health Perspect** 1985 May;60:259-67

Formation of polychlorinated dibenzofurans and dioxins during combustion, electrical equipment fires and PCB incineration. Hutzinger O, et al. **Environ Health Perspect** 1985 May;60:3-9 (39 ref.)

Decontamination and disposal of PCB wastes. Johnston LE. **Environ Health Perspect** 1985 May;60:339-46

Pyrolysis products of PCBs. Paasivirta J, et al. **Environ Health Perspect** 1985 May;60:269-78

Safety measures for prevention of PCB accidents. Pajari J. **Environ Health Perspect** 1985 May;60:347-50

[Organochlorine compounds (including polychlorinated biphenyls (PCB)) and carry-over mechanisms] Heeschen W, et al. **DTW** 1985 Jun 7;92(6):221-8 **(Ger)**

ADMINISTRATION & DOSAGE

Reduced resistance to experimental viral and bacterial infections of mice treated with polychlorinated biphenyl. Imanishi J, et al. **Biken J** 1984 Dec;27(4):195-8

ADVERSE EFFECTS

Food contamination [letter] Kawane H. **Arch Intern Med** 1984 Oct;144(10):2100

Oculodermatological findings in workers with occupational exposure to polychlorinated biphenyls (PCBs). Fischbein A, et al. **Br J Ind Med** 1985 Jun;42(6):426-30

Workshop on occupational hazards caused by polychlorinated biphenyls (PCBs) and chlorobenzenes in capacitors and transformers: Finland-U.S. Symposium. September 19/21, 1983, Espoo, Finland. **Environ Health Perspect** 1985 May;60:223-352

Potential health effects of polychlorinated biphenyls and related persistent halogenated hydrocarbons: U.S. symposium. September 12-14, 1983. Research Triangle Park, NC. **Environ Health Perspect** 1985 May;60:3-221

Management of PCB accidents. Aitio A, et al. **Environ Health Perspect** 1985 May;60:351-2

Polychlorinated biphenyl exposure and effects in transformer repair workers. Emmett EA. **Environ Health Perspect** 1985 May;60:185-92

Liver function tests in workers with occupational exposure to polychlorinated biphenyls (PCBs): comparison with Yusho and Yu-Cheng. Fischbein A. **Environ Health Perspect** 1985 May;60:145-50

Effects of PCB exposure on biochemical and hematological findings in capacitor workers. Lawton RW, et al. **Environ Health Perspect** 1985 May;60:165-84

Symptoms, signs and findings in humans exposed to PCBs and their derivatives. Reggiani G, et al. **Environ Health Perspect** 1985 May;60:225-32

Potential reproductive and postnatal morbidity from exposure to polychlorinated biphenyls: epidemiologic considerations. Rogan WJ, et al. **Environ Health Perspect** 1985 May;60:233-9 (52 ref.)

Medical surveillance of exposed persons after exposure to PCBs, chlorinated dibenzodioxins and dibenzofurans after PCB transformer or capacitor incidents. Schecter A. **Environ Health Perspect** 1985 May;60:333-8

Polychlorinated biphenyls in Israel: a risk assessment. Weisenberg E. **Public Health Rep** 1984 Sep-Oct; 99(5):498-501

Adverse health effects and exposure to polychlorinated biphenyls. Wilkins JR 3d, et al. **Rev Environ Health** 1984; 4(3):269-86

[Exposure to mold lubricants] Menichini E. **Med Lav** 1985 Mar-Apr;76(2):149-56 (Eng. Abstr.) **(Ita)**

[Dynamics of exogenous progesterone in the blood of pigs stressed with polychlorobiphenyls (PCB)] Kačmár P, et al. **Vet Med (Praha)** 1985 Jun;30(6):323-30 (Eng. Abstr.) **(Slo)**

ANALYSIS

Determination of standard potentials and electron-transfer rates for halobiphenyls from electrocatalytic data. Connors TF, et al. **Anal Chem** 1985 Jan;57(1):170-4

Polychlorinated biphenyl congeners (PCBs), p,p'-DDE and hexachlorobenzene in human milk in three areas of upstate New York. Bush B, et al. **Arch Environ Contam Toxicol** 1985 Jul;14(4):443-50

Levels of polychlorinated biphenyls (PCBs), DDE, and mirex in waterfowl collected in New York State, 1981-1982. Kim HT, et al. **Arch Environ Contam Toxicol** 1985 Jan;14(1):13-8

Residue levels of polychlorobiphenyls, sigmaDDT, and mercury in bird species commonly preyed upon by the peregrine falcon (Falco peregrinus Tunst.) in Sweden. Lindberg P, et al. **Arch Environ Contam Toxicol** 1985 Mar; 14(2):203-12

National Pesticide Monitoring Program: residues of organochlorine chemicals in freshwater fish, 1980-81. Schmitt CJ, et al. **Arch Environ Contam Toxicol** 1985 Mar; 14(2):225-60

Residues of pesticides and polychlorinated biphenyls in game animals. Brunn H, et al. **Bull Environ Contam Toxicol** 1985 Apr;34(4):527-32

PCB congener analysis of water and caddisfly larvae (Insecta:Trichoptera) in the upper Hudson River by glass capillary chromatography. Bush B, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):96-105

Contamination of silos in Switzerland by PCB residues in coatings. de Alencastro LF, et al. **Bull Environ Contam Toxicol** 1984 Sep;33(3):270-6

Organochlorine insecticides and PCBs in water, sediment, and fish from the Mediterranean Sea. el-Dib MA, et al. **Bull Environ Contam Toxicol** 1985 Feb;34(2):216-27

Organo-chlorine insecticides and PCBs in River Nile water, Egypt. el-Dib MA, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):126-33

Pesticides and polychlorinated biphenyls in fish from the Lahn river. Schüler W, et al. **Bull Environ Contam Toxicol** 1985 Apr;34(4):608-16

PCBs in striped bass collected from the Hudson River, New York, during fall, 1981. White RJ, et al. **Bull Environ Contam Toxicol** 1985 Jun;34(6):883-9

Quantification and distribution of polychlorinated biphenyls in farm silos. Willett LB, et al. **Bull Environ Contam Toxicol** 1985 Jul;35(1):51-60

Recent PCB accidents in Finland. Elo O, et al. **Environ Health Perspect** 1985 May;60:315-9

Chemical and biological investigations of a transformer accident at Binghamton, NY. O'Keefe PW, et al. **Environ Health Perspect** 1985 May;60:201-9

Strategies and techniques for sample collection and analysis: experience from the Swedish PCB accidents. Rappe C, et al. **Environ Health Perspect** 1985 May;60:279-92

Occupational exposure to polychlorinated dioxins, polychlorinated furans, polychlorinated biphenyls, and biphenylenes after an electrical panel and transformer accident in an office building in Binghamton, NY. Schecter A, et al. **Environ Health Perspect** 1985 May;60:305-13

Patient fat biopsies for chemical analysis and liver biopsies for ultrastructural characterization after exposure to polychlorinated dioxins, furans and PCBs. Schecter A, et al. **Environ Health Perspect** 1985 May;60:241-54

PCB levels in breast milk: data from the UNEP/WHO pilot project on biological monitoring and some other recent studies. Slorach SA, et al. **Environ Health Perspect** 1985 May;60:121-6

Occupational exposure to polychlorinated biphenyls (PCBs). Wolff MS. **Environ Health Perspect** 1985 May;60:133-8

Rapid determination of organochlorine pesticides and polychlorinated biphenyls, using selected ion monitoring mass spectrometry. Hargesheimer EE. **J Assoc Off Anal Chem** 1984 Nov-Dec;67(6):1067-75

Organochlorine pesticides and polychlorinated biphenyls in sediment and fish from Wetlands in the north central United States. Martin DB, et al. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):712-7

Capillary gas chromatographic determination of some chlorobiphenyls in eel fat: interlaboratory study. Tuinstra LG, et al. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):756-9

Study of chlorinated diphenyl ethers and chlorinated 2-phenoxyphenols as interferences in the determination of chlorinated dibenzo-p-dioxins and chlorinated dibenzo furans in biological samples. Ryan JJ, et al. **J Chromatogr** 1984 Nov 2;303(2):351-60

High resolution gas chromatographic analysis of cytochrome P-448 inducing polychlorinated biphenyl congeners in hazardous waste. Strang C, et al. **J Chromatogr** 1984 Nov 30;314:482-7

Influence of diet and other factors on the levels of organochlorine compounds in human adipose tissue in Finland. Mussalo-Rauhamaa H, et al. **J Toxicol Environ Health** 1984;13(4-6):689-704

Polychlorinated biphenyl transformer incident--New Mexico. **MMWR** 1985 Sep 13;34(36):557-9

Compartmentation and reliability of sampling procedures in organochlorine pollution surveys of cetaceans. Aguilar A. **Residue Rev** 1985;95:91-114 (81 ref.)

Behaviour of persistent organochlorine micropollutants during primary sedimentation of waste water. Garcia Gutierrez A, et al. **Sci Total Environ** 1984 Oct; 39(1-2):27-47

Adsorption and desorption of polydimethylsiloxane, PCBs, cadmium nitrate, copper sulfate, nickel sulfate and zinc nitrate by river surface sediments. Watanabe N, et al. **Sci Total Environ** 1985 Feb;41(2):153-61

Organochlorine pesticides and polychlorinated biphenyls in herring from the southern Baltic, 1981. Falandysz J. **Z Lebensm Unters Forsch** 1984 Jul;179(1):20-3

Organochlorine pesticides and polychlorinated biphenyls in sprats from the southern Baltic, 1981. Falandysz J. **Z Lebensm Unters Forsch** 1984 Jun;178(6):461-4

Organochlorine pesticides and polychlorinated biphenyls in livers of cod from the southern Baltic, 1981. Falandysz J. **Z Lebensm Unters Forsch** 1984 Oct;179(4):311-4

[Residues of organic chlorine compounds in Hessian milk products from 1978 to 1982] Steinwandter H, et al. **Z Lebensm Unters Forsch** 1984 Jun;178(6):468-70 (Eng. Abstr.) **(Ger)**

[Polychlorine pesticide and polychlorobiphenyl compound residues in fish from the southern Baltic Sea 1981] Falandysz J. **Rocz Panstw Zakl Hig** 1984;35(5):417-22 (Eng. Abstr.) **(Pol)**

[Presence of polychlorinated dibenzo-P-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) in cigarette ash and pharmaceutical charcoal] Górski T. **Rocz Panstw Zakl Hig** 1984;35(3):239-41 (Eng. Abstr.) **(Pol)**

[Chemical contamination of daily meals of selected population groups. I. Preliminary analysis of mercury, lead, cadmium and polychlorinated biphenyls (PCB) in daily food rations from selected students' cafeteria] Smoczyński S, et al. **Rocz Panstw Zakl Hig** 1984;35(3):209-16 (Eng. Abstr.) **(Pol)**

BLOOD

The solubility of 2,2',4,4',5,5'-hexachlorobiphenyl in heparinized blood and plasma and in solutions of different plasma components. Willebrand T, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Mar;56(3):228-32

Polychlorobiphenyl (PCB) congeners, p,p'-DDE, and hexachlorobenzene in maternal and fetal cord blood from mothers in Upstate New York. Bush B, et al. **Arch Environ Contam Toxicol** 1984 Sep;13(5):517-27

Comparability and precision of serum PCB measurements. Lawton RW, et al. **Arch Environ Health** 1985 Jan-Feb; 40(1):29-37

Studies on populations exposed to polychlorinated biphenyls. Kreiss K. **Environ Health Perspect** 1985 May;60:193-9

Analysis of polychlorinated biphenyls (PCBs) in human serum. Luotamo M, et al. **Environ Health Perspect** 1985 May;60:327-32

ISOLATION & PURIFICATION

Separation of polychlorinated biphenyls (Aroclor 1254) by high-performance liquid chromatography. Issaq HJ, et al. **J Chromatogr** 1984 Oct 19;302:159-66

METABOLISM

Degradation to 14CO2 of 4,4'-bis[(2-14C)-ethylsulphonyl]-2,2',5,5'-tetrachlorobiphe Brandt I, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Nov; 55(5):429-30

Transfer of polychlorinated biphenyls (PCBs) to newborn infants through the placenta and mothers' milk. Ando M, et al. **Arch Environ Contam Toxicol** 1985 Jan;14(1):51-7

Uptake and retention of 14C-Aroclor 1254 in the amphipod, Gammarus tigrinus, fed contaminated fungus, Fusarium oxysporum. Pinkney AE, et al. **Arch Environ Contam Toxicol** 1985 Jan;14(1):59-64

Postnatal transfer of PCBs from exposed mothers to their babies: influence of breast-feeding. Yakushiji T, et al. **Arch Environ Health** 1984 Sep-Oct;39(5):368-75

Comparative studies on distribution and covalent tissue binding of 2,4,2',4'- and 3,4,3',4'-tetrachlorobiphenyl isomers in the rat. Shimada T, et al. **Arch Toxicol** 1984 Sep;55(3):182-5

The hydroxylation, dechlorination, and glucuronidation of 4,4'-dichlorobiphenyl (4-DCB) by human hepatic microsomes. Schnellmann RG, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3503-9

Polychlorinated biphenyl (PCB) partitioning between adipose tissue and serum. Brown JF Jr, et al. **Bull Environ Contam Toxicol** 1984 Sep;33(3):277-80

Simultaneous accumulations of naphthalene, a PCB mixture, and benzo(a)pyrene, by the oyster, Crassostrea virginica. Fortner AR, et al. **Bull Environ Contam Toxicol** 1985 Feb; 34(2):256-64

Kinetics of individual polychlorinated biphenyl (PCB) components in juvenile sole (Solea solea) in relation to their concentrations in food and to lipid metabolism. Boon JP, et al. **Comp Biochem Physiol [C]** 1984;79(1):131-42

Avian species differences in the intestinal absorption of xenobiotics (PCB, dieldrin, Hg2+). Serafin JA. **Comp Biochem Physiol [C]** 1984;78(2):491-6

Target cells for the polychlorinated biphenyl metabolite 4,4'-bis(methylsulfonyl)-2,2',5,5'-tetrachlorobiphenyl in lung and kidney. Brandt I, et al. **Drug Metab Dispos** 1985 Jul-Aug;13(4):490-6

Comparison of the pharmacokinetics of several polychlorinated biphenyls in mouse, rat, dog, and monkey by means of a physiological pharmacokinetic model. Lutz RJ, et al. **Drug Metab Dispos** 1984 Sep-Oct;12(5):527-35

Direct chloride measurement of [4-36Cl]chlorobiphenyl and [4,4'-36Cl]dichlorobiphenyl dechlorination in the rat. Scott MT, et al. **J Pharm Sci** 1984 Aug;73(8):1171-2

Target cells for the polychlorinated biphenyl metabolite 4,4'-bis(methylsulfonyl)-2,2',5,5'-tetrachlorobiphenyl. Characterization of high affinity binding in rat and mouse lung cytosol. Lund J, et al. **Mol Pharmacol** 1985 Feb; 27(2):314-23

Polychlorinated biphenyl uptake and transport by lymph and plasma components. Busbee DL, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):116-22

Comparative adipose tissue kinetics of thiopental, DDE and 2,4,5,2',4',5'-hexachlorobiphenyl in the rat. Mühlebach S, et al. **Xenobiotica** 1985 Jun;15(6):485-91

PHARMACODYNAMICS

Metabolism of aflatoxin B1 by rat hepatic microsomes induced by polyhalogenated biphenyl congeners. Halvorson MR, et al. **Appl Environ Microbiol** 1985 Apr; 49(4):882-6

Studies on the response of isolated rat liver mitochondria to polychlorinated biphenyls (Kanechlors). Nishihara Y, et al. **Arch Environ Contam Toxicol** 1985 Jan;14(1):65-71

Genetically mediated induction of aryl hydrocarbon hydroxylase activity in human lymphoblastoid cells by polychlorinated dibenzofuran isomers and 2,3,7,8-tetrachlorodibenzo-p-dioxin. Nagayama J, et al. **Arch Toxicol** 1985 Feb;56(4):230-5

Genetically mediated induction of aryl hydrocarbon hydroxylase activity in mice by polychlorinated dibenzofuran isomers and 2,3,7,8-tetrachlorodibenzo-p-dioxin. Nagayama J, et al. **Arch Toxicol** 1985 Feb;56(4):226-9

Inhibition of uroporphyrinogen decarboxylase by halogenated biphenyls in chick hepatocyte cultures. Essential role for induction of cytochrome P-448. Sinclair PR, et al. **Biochem J** 1984 Sep 15;222(3):737-48

Differential induction of cytochrome P-450-dependent monooxygenase, epoxide hydrolase, glutathione transferase and UDP glucuronosyl transferase activities in the liver of the rainbow trout by beta-naphthoflavone or Clophen A50. Andersson T, et al. **Biochem Pharmacol** 1985 Sep 15; 34(18):3309-14

Effect of Aroclor 1254 on the biological fate of 2,6-dimethylnaphthalene in coho salmon (Oncorhynchus kisutch). Collier TK, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):114-20

Alcohol-induced suppression of the humoral immune response. Stolen JS, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):106-8

Regulation of hepatic monooxygenases by phenobarbital, 3-methylcholanthrene, and polychlorinated biphenyls in rapid and slow acetylator mice. Elves RG, et al. **Drug Metab Dispos** 1985 May-Jun;13(3):354-8

Inducing potency of aryl hydrocarbon hydroxylase activity in human lymphoblastoid cells and mice by polychlorinated dibenzofuran congeners. Nagayama J, et al. **Environ Health Perspect** 1985 Feb;59:107-12

Inductive effect on hepatic enzymes and toxicity of congeners of PCBs and PCDFs. Yoshimura H, et al. **Environ Health Perspect** 1985 Feb;59:113-9

Physical aspects of the inhibition of enzymes by hydrocarbons: the inhibition of alpha-chymotrypsin by chlorinated aromatics and alkanes. Law RH, et al. **Environ Res** 1985 Feb;36(1):193-205

Induction of cytochrome P-450b,e-type isozymes by polychlorinated biphenyls in rat liver. Molecular cloning of induced mRNAs. Scholte BJ, et al. **Eur J Biochem** 1985 Aug 15;151(1):67-73

Kinetic parameters of L-[125I]triiodothyronine degradation in rats pretreated with polyhalogenated biphenyls. Sepkovic DW, et al. **Food Chem Toxicol** 1984 Sep; 22(9):743-7

Stability of Aroclor 1254-induced rat liver postmitochondrial supernatant (S-9) following long-term storage (-75 degrees C). Oldham JW, et al. **J Appl Toxicol** 1985 Jun;5(3):187-91

Effect of dose on the inhibition of carcinogenesis/mutagenesis by Aroclor 1254 in rainbow trout fed aflatoxin B1. Shelton DW, et al. **J Toxicol Environ Health** 1984;13(4-6):649-57

Evaluation of porphyrinogenesis and enzyme induction in workers exposed to PCB. Maroni M, et al. **Med Lav** 1984 May-Jun;75(3):188-99

Dose response for induction of two cytochrome P-450 isozymes and their mRNAs by 3,4,5,3'4'5'-hexachlorobiphenyl indicating coordinate regulation in rat liver. Hardwick JP, et al. **Mol Pharmacol** 1985 Jun;27(6):676-82

Induction of cytoplasmic aldehyde dehydrogenases in rat tissues by carcinogenic and non-carcinogenic xenobiotics. Koivusalo M, et al. **Prog Clin Biol Res** 1985;174:101-12

Time and dose responses of the reduction in retinoid concentrations in C57BL/Rij and DBA/2 mice induced by 3,4,3',4'-tetrachlorobiphenyl. Brouwer A, et al. **Toxicol Appl Pharmacol** 1985 Apr;78(2):180-9

Comparative influences of different PB-type and 3-MC-type polychlorinated biphenyl-induced phenotypes on cytocidal hepatotoxicity of bromobenzene and acetaminophen. Hayes MA, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):118-27

Selective induction and inhibition of liver and lung cytochrome P-450-dependent monooxygenases by the PCBs mixture, Aroclor 1016. Ueng TH, et al. **Toxicology** 1985 May;35(2):83-94

Aflatoxin B1 metabolism in the rat: polyhalogenated biphenyl enhanced conversion to aflatoxin M1. Shepherd EC, et al. **Xenobiotica** 1984 Sep;14(9):741-50

[Effects of carbohydrate intake on phenobarbital-, polychlorinated biphenyl- and 3-methylcholanthrene-induced enhancement of drug oxidation and conjugation in rat liver] Nakajima T, et al. **Nippon Eiseigaku Zasshi** 1984 Oct;39(4):779-86 (Eng. Abstr.) **(Jpn)**

[Cytochrome P-450 induction in the liver of rats exposed to polychlorinated biphenyls] Lashneva NV, et al. **Farmakol Toksikol** 1984 Nov-Dec;47(6):77-80 (Eng. Abstr.) **(Rus)**

POISONING

Clinical toxicology of PCBs. Fruncillo RJ. **Am Fam Physician** 1985 Mar;31(3):202-5

Altered distribution of lymphocyte subpopulations and augmentation of lymphocyte proliferation in chronic PCB poisoned patients. Wu YC, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1984 Nov;17(4):177-87

Association of blood pressure and PCB level in Yusho patients. Akagi K, et al. **Environ Health Perspect** 1985 Feb; 59:37-9

Polychlorinated biphenyls, dibenzofurans and quaterphenyls in toxic rice-bran oil and in the blood and tissues of patients with PCB poisoning (Yu-Cheng) in Taiwan. Chen PH, et al. **Environ Health Perspect** 1985 Feb;59:59-65

Health status and PCBs in blood of workers exposed to PCBs and of their children. Hara I. **Environ Health Perspect** 1985 Feb;59:85-90

Discovery and epidemiology of PCB poisoning in Taiwan: a four-year followup. Hsu ST, et al. **Environ Health Perspect** 1985 Feb;59:5-10

PCBs, PCQs and PCDFs in blood of Yusho and Yu-Cheng patients. Kashimoto T, et al. **Environ Health Perspect** 1985 Feb;59:73-8

Laboratory and human studies on polychlorinated biphenyls (PCBs) and related compounds. Kimbrough RD. **Environ Health Perspect** 1985 Feb;59:99-106 (77 ref.)

Clinical findings and immunological abnormalities in Yu-Cheng patients. Lü YC, et al. **Environ Health Perspect** 1985 Feb;59:17-29

PCB and PCDF congeners in the blood and tissues of Yusho and Yu-Cheng patients. Masuda Y, et al. **Environ Health Perspect** 1985 Feb;59:53-8

Health status of Japanese and Taiwanese after exposure to contaminated rice oil. Masuda Y. **Environ Health Perspect** 1985 May;60:321-5

Congenital PCB poisoning: a reevaluation. Miller RW. **Environ Health Perspect** 1985 May;60:211-4

PCBs, PCQs and PCDFs in tissues of Yusho and Yu-Cheng patients. Miyata H, et al. **Environ Health Perspect** 1985 Feb;59:67-72

Respiratory involvement and immune status in Yusho patients. Nakanishi Y, et al. **Environ Health Perspect** 1985 Feb;59:31-6

Surveys of workers occupationally exposed to PCBs and of Yusho patients. Takamatsu M, et al. **Environ Health Perspect** 1985 Feb;59:91-7

Past and current dermatological status of Yusho patients. Urabe H, et al. **Environ Health Perspect** 1985 Feb;59:11-5

Fetal PCB syndrome: clinical features, intrauterine growth retardation and possible alteration in calcium metabolism. Yamashita F, et al. **Environ Health Perspect** 1985 Feb; 59:41-5

Relationship between the amount of rice oil ingested by patients with Yusho and their subjective symptoms. Yoshimura T, et al. **Environ Health Perspect** 1985 Feb; 59:47-51

Polychlorinated biphenyl poisoning: correlation of sensory and motor nerve conduction, neurologic symptoms, and blood levels of polychlorinated biphenyls, quaterphenyls, and dibenzofurans. Chen RC, et al. **Environ Res** 1985 Aug; 37(2):340-8

PCB-containing transformer fires: decontamination guidelines based on health considerations. Milby TH, et al. **J Occup Med** 1985 May;27(5):351-6

Potent induction of human placental mono-oxygenase activity by previous dietary exposure to polychlorinated biphenyls and their thermal degradation products. Wong TK, et al. **Lancet** 1985 Mar 30;1(8431):721-4

Reversible nerve lesions after accidental polychlorinated biphenyl exposure. Seppäläinen AM, et al. **Scand J Work Environ Health** 1985 Apr;11(2):91-5

TOXICITY

Alterations in liver ultrastructure and induction of UDP-glucuronyltransferase in the rat following prenatal exposure to 3,4,3',4'-tetrachlorobiphenyl. Harris C, et al. **Arch Environ Contam Toxicol** 1984 Nov;13(6):715-21

Organochlorine pesticide, polychlorobiphenyl, and mercury residues in bald eagle eggs--1969-79--and their relationships to shell thinning and reproduction. Wiemeyer SN, et al. **Arch Environ Contam Toxicol** 1984 Sep; 13(5):529-49

Effects of acute or chronic polychlorinated biphenyl ingestion on maternal metabolic homeostasis and on the manifestations of embryotoxicity caused by cyclophosphamide in mice. Welsch F. **Arch Toxicol** 1985 Jun;57(2):104-13

Subacute toxicity of polychlorinated biphenyl (Aroclor 1242) in rats. Nešković NK, et al. **Arh Hig Rada Toksikol** 1984 Dec;35(4):333-42

Comparative study of the effects of biphenyl and Kanechlor-400 on the respiratory and energy linked activities of rat liver mitochondria. Nishihara Y. **Br J Ind Med** 1985 Feb;42(2):128-32

Effects of dietary PCBs (Aroclor 1254) on serum levels of lipoprotein cholesterol in Fischer rats. Carter JW. **Bull Environ Contam Toxicol** 1985 Mar;34(3):427-31

Effect of difference in diet composition on the toxicity of polychlorinated biphenyls. Yagi N, et al. **Bull Environ Contam Toxicol** 1985 May;34(5):709-14

The disposition and the liver and thymus gland toxicity of 3,3',4,4'-tetrachlorobiphenyl in the female rat. Clarke DW, et al. **Can J Physiol Pharmacol** 1984 Oct;62(10):1253-60

The activities of 2,2',5,5'-tetrachlorobiphenyl, its 3,4-oxide metabolite, and 2,2',4,4'-tetrachlorobiphenyl in tumor induction and promotion assays. Preston BD, et al. **Carcinogenesis** 1985 Mar;6(3):451-3

Polychlorinated biphenyls (PCBs) and polybrominated biphenyls (PBBs): biochemistry, toxicology, and mechanism of action. Safe S. **CRC Crit Rev Toxicol** 1984; 13(4):319-95 (537 ref.)

Japan-U.S. Joint seminar on toxicity of chlorinated biphenyls, dibenzofurans, dibenzodioxins, and related compounds. April 25-28, 1983, Fukuoka, Japan. **Environ Health Perspect** 1985 Feb;59:1-181

Mutagenicity of PCBs and their pyrosynthetic derivatives in cell-mediated assay. Hattula ML. **Environ Health Perspect** 1985 May;60:255-7

Biological effect of PCBs, PCQs and PCDFs present in the oil causing Yusho and Yu-Cheng. Kunita N, et al. **Environ Health Perspect** 1985 Feb;59:79-84

Comparative toxicity of PCBs and related compounds in various species of animals. McConnell EE. **Environ Health Perspect** 1985 May;60:29-33

Structure-induction versus structure-toxicity relationships for polychlorinated biphenyls and related aromatic hydrocarbons. McKinney JD, et al. **Environ Health Perspect** 1985 May;60:57-68

Toxicity and fetotoxicity of TCDD, TCDF and PCB isomers in rhesus macaques (Macaca mulatta). McNulty WP. **Environ Health Perspect** 1985 May;60:77-88 (35 ref.)

Mechanisms of the biological effects of PCBs, polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans in experimental animals. Neal RA. **Environ Health Perspect** 1985 May;60:41-6 (43 ref.)

Polychlorinated biphenyl induction of hepatocellular carcinoma in the Sprague-Dawley rat. Norback DH, et al. **Environ Health Perspect** 1985 May;60:97-105

PCBs: structure-function relationships and mechanism of action. Safe S, et al. **Environ Health Perspect** 1985 May; 60:47-56 (79 ref.)

Toxicity of polychlorinated biphenyl with special reference to porphyrin metabolism. Sano S, et al. **Environ Health Perspect** 1985 Feb;59:137-43

Effects of PCBs and related compounds on hepatocarcinogenesis in rats and mice. Sleight S. **Environ Health Perspect** 1985 May;60:35-9 (50 ref.)

Proliferative lesions of the glandular stomach and liver in F344 rats fed diets containing Aroclor 1254. Ward JM. **Environ Health Perspect** 1985 May;60:89-95

Effect of lead, polychlorinated biphenyls, and cyclophosphamide on rat natural killer cells, interleukin 2, and antibody synthesis. Exon JH, et al. **Fundam Appl Toxicol** 1985 Feb;5(1):158-64

Application of an in vitro keratinization assay to extracts of soot from a fire in a polychlorinated biphenyl-containing transformer. Gierthy JF, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):1036-41

The effect of lead and polychlorinated biphenyl exposure on rat natural killer cell cytotoxicity. Talcott PA, et al. **Int J Immunopharmacol** 1985;7(2):255-61

Gastric epithelial cell proliferation in monkeys fed 3,4,3',4'-tetrachlorobiphenyl. Becker GM, et al. **J Pathol** 1984 Aug;143(4):267-74

Effect of liver S9 from 3,4,5,3',4'-pentachlorobiphenyl-pretreated rats on the mutagenic activity of the various carcinogens toward Salmonella typhimurium TA 98. Ozawa N, et al. **J Pharmacobiodyn** 1985 Mar;8(3):199-205

Toxicological manifestations of 2,4,5,2',4',5'-, 2,3,6,2',3',6'-, and 3,4,5,3',4',5'-hexachlorobiphenyl and Aroclor 1254 in mink. Aulerich RJ, et al. **J Toxicol Environ Health** 1985; 15(1):63-79

Aroclor 1254 increases the genotoxicity of several carcinogens to liver primary cell cultures. Mendoza-Figueroa T, et al. **J Toxicol Environ Health** 1985; 15(2):245-54

Different patterns of developmental toxicity in the rat following prenatal administration of structurally diverse chemicals. Simmons DL, et al. **J Toxicol Environ Health** 1984;14(2-3):121-36

Influence of cell proliferation on initiating activity of pure polychlorinated biphenyls and complex mixtures in resistant hepatocyte in vivo assays for carcinogenicity. Hayes MA, et al. **JNCI** 1985 May;74(5):1037-41

The relationship between prenatal lethality or fetal weight and intrauterine position in rats exposed to diethylstilbestrol, zeranol, 3,4,3',4'-tetrachlorobiphenyl, or cadmium. Cornwall GA, et al. **Teratology** 1984 Dec; 30(3):341-9

Toxic interaction of specific polychlorinated biphenyls and 2,3,7,8-tetrachlorodibenzo-p-dioxin: increased incidence of cleft palate in mice. Birnbaum LS, et al. **Toxicol Appl Pharmacol** 1985 Feb;77(2):292-302

Polychlorinated aromatic hydrocarbon lethality, mixed-function oxidase induction, and uroporphyrinogen decarboxylase inhibition in the chick embryo: dissociation of dose-response relationships. Rifkind AB, et al. **Toxicol Appl Pharmacol** 1985 Apr;78(2):268-79

Male Wistar rats exposed to two polychlorinated biphenyls (Clophen A 30 or Clophen A 60) [letter] Young SS. **Toxicol Appl Pharmacol** 1985 Apr;78(2):321-2

Polychlorinated biphenyl (PCB) toxicity in adult cynomolgus monkeys (M. fascicularis): a pilot study. Tryphonas L, et al. **Toxicol Pathol** 1984;12(1):10-25

POLYCHLOROPINENE see under **INSECTICIDES, ORGANOCHLORINE**

POLYCHLOROTERPHENYL COMPOUNDS see under **TERPHENYL COMPOUNDS**

POLYCHONDRITIS, RELAPSING

Relapsing polychondritis. White JW Jr. **South Med J** 1985 Apr;78(4):448-51 (20 ref.)

[Relapsing polychondritis] Alekberova ZS, et al. **Ter Arkh** 1984;56(8):125-7 **(Rus)**

COMPLICATIONS

Mouth and genital ulcers with inflamed cartilage: MAGIC syndrome. Five patients with features of relapsing polychondritis and Behçet's disease. Firestein GS, et al. **Am J Med** 1985 Jul;79(1):65-72

Relapsing polychondritis with segmental necrotizing glomerulonephritis. Botey A, et al. **Am J Nephrol** 1984; 4(6):375-8

Relapsing polychondritis associated with recurrent oral ulceration [letter] Prentice RL, et al. **J Rheumatol** 1984 Aug;11(4):559-61

Relapsing polychondritis with aortic arch aneurysm and aortic arch syndrome. Giordano M, et al. **Rheumatol Int** 1984;4(4):191-3

[Cardiac manifestations of chronic atrophic polychondritis] Allal J, et al. **Ann Cardiol Angeiol (Paris)** 1985 May; 34(5):335-7 (Eng. Abstr.) **(Fre)**

[Iliac-femoral artery involvement in relapsing polychondritis] Joyeux A, et al. **J Mal Vasc** 1984; 9(3):207-10 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

Relapsing polychondritis—case report. Lee RJ, et al. **Ir Med J** 1985 Jul;78(7):194-5

Melting corneas with collapsing nose. Michelson JB. **Surv Ophthalmol** 1984 Sep-Oct;29(2):148-54

Progressive tracheobronchial polychondritis: need for early diagnosis. Neilly JB, et al. **Thorax** 1985 Jan;40(1):78-9

[Polychondritis chronica atrophicans] Halber S, et al. **Z Hautkr** 1984 Sep 1;59(17):1147-8, 1151-2, 1157-9 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

Cyclosporin A treatment in a case of relapsing polychondritis. Svenson KL, et al. **Scand J Rheumatol** 1984; 13(4):329-33

IMMUNOLOGY

A bandlike pattern resembling systemic lupus erythematosus immunofluorescence in a case of relapsing polychondritis [letter] Brenner S, et al. **J Am Acad Dermatol** 1984 Dec; 11(6):1161-3

PATHOLOGY

Relapsing polychondritis. Pathological and immunological findings in an autopsy case. Homma S, et al. **Acta Pathol Jpn** 1984 Sep;34(5):1137-46

POLYCYCLIC COMPOUNDS

[Relationship between the structures and the protonation parameters of tricyclic nitrogen bridgeheaded compounds] Hankóné Novák K, et al. **Acta Pharm Hung** 1984 Nov; 54(6):280-6 (Eng. Abstr.) **(Hun)**

ANALYSIS

Estimation of nitropolycyclic aromatic hydrocarbons in foods. Dennis MJ, et al. **Food Addit Contam** 1984 Jan-Mar; 1(1):29-37

Neoisostegane, a new bisbenzocyclooctadiene lignan lactone from Steganotaenia araliacea. Taafrout M, et al. **J Nat Prod** 1984 Jul-Aug;47(4):600-6

CHEMICAL SYNTHESIS

Cyclovinylogues of some antimuscarinic drugs. Valenti P, et al. **Arch Pharm (Weinheim)** 1985 Mar;318(3):222-4

POLYCYCLIC HYDROCARBONS

Relative roles of K region and bay region towards determining the carcinogenic potencies of polycyclic aromatic hydrocarbons. Mohammad SN. **Cancer Biochem Biophys** 1985 Jun;8(1):41-6

MINDO/3 calculations of carcinogen activities of polycyclic hydrocarbons. Mohammad SN. **Indian J Biochem Biophys** 1985 Feb;22(1):56-63

Molecular structure of heliomycin, an inhibitor of RNA synthesis. Arora SK. **J Antibiot (Tokyo)** 1985 Jan; 38(1):113-5

The discrepancy between in vivo and in vitro experiments with polycyclic aromatic hydrocarbon(PAH) carcinogens: a hypothetical explanation. Sýkora P. **J Theor Biol** 1984 Sep 7;110(1):59-66

Intra and intermolecular modeling studies of polycyclic aromatic hydrocarbons. Hopfinger AJ. **Prog Clin Biol Res** 1985;172A:277-86

Computer automated evaluation and prediction of the Iball index of carcinogenicity of polycyclic aromatic hydrocarbons. Klopman G, et al. **Prog Clin Biol Res** 1985; 172A:287-98

[Relation between the carcinogenic activity of conjugated polycyclic hydrocarbons and the form of their localized molecular orbitals] Paniagua JC, et al. **Rev Esp Oncol** 1982; 29(3):481-7 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Mutagenesis test on urine of workers exposed to polycyclic aromatic hydrocarbons in a anode plant. Clonfero E, et al. **Med Lav** 1984 Jul-Aug;75(4):275-81

Determination of mutagenic activities in different fractions of automobile exhaust condensate by the Salmonella/oxygenase mutagenicity test system. Norpoth K, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 May; 180(5-6):540-7

[Exposure to mold lubricants] Menichini E. **Med Lav** 1985 Mar-Apr;76(2):149-56 (Eng. Abstr.) **(Ita)**

ANALYSIS

Variation of composition with particle size in coal liquid aerosols generated for inhalation toxicology studies. Schirmer RE, et al. **Am Ind Hyg Assoc J** 1985 Jan; 46(1):28-33

Structural characterization of polycyclic aromatic compounds by combined gas chromatography/mass spectrometry and gas chromatography/Fourier transform infrared spectrometry. Chiu KS, et al. **Anal Chem** 1984 Aug;56(9):1610-5

Relationship between gas chromatographic retention indices and molecular connectivities of nitrated polycyclic aromatic hydrocarbons. Doherty PJ, et al. **Anal Chem** 1984

Dec;56(14):2697-701

A new selective technique for characterization of polycyclic aromatic hydrocarbons in complex samples: UV resonance Raman spectrometry of coal liquids. Johnson CR, et al. **Anal Chem** 1984 Oct;56(12):2258-61

Identification of polyaromatic hydrocarbon mixtures by low-temperature constant energy synchronous fluorescence spectrometry. Kerkhoff MJ, et al. **Anal Chem** 1985 Jul;57(8):1673-6

Identification of polycyclic aromatic hydrocarbon metabolites in mixtures using fluorescence line narrowing spectrometry. Sanders MJ, et al. **Anal Chem** 1985 May;57(6):1148-52

Analysis of isomeric polycyclic aromatic hydrocarbons by charge-exchange chemical ionization mass spectrometry. Simonsick WJ Jr, et al. **Anal Chem** 1984 Dec;56(14):2749-54

Quantitation of polycyclic aromatic hydrocarbons in diesel exhaust particulate matter by high-performance liquid chromatography fractionation and high-resolution gas chromatography. Tong HY, et al. **Anal Chem** 1984 Oct;56(12):2129-34

Sampling and analysis of bitumen fumes. Brandt HC, et al. **Ann Occup Hyg** 1985;29(1):27-80

Persistence and fate of polynuclear aromatic hydrocarbons deposited on slash burn sites in the Cascade Mountains and Coast Range of Oregon. Sullivan TJ, et al. **Arch Environ Contam Toxicol** 1985 Mar;14(2):187-92

Identification of polycyclic aromatic compounds in mutagenic emissions from steel casting. Quilliam MA, et al. **Biomed Mass Spectrom** 1985 Apr;12(4):143-50

Determination of polyaromatic hydrocarbons in scallops (Pecten maximus) by UV fluorescence and HPLC combined with UV and fluorescence detectors. Friocourt MP, et al. **Bull Environ Contam Toxicol** 1985 Feb;34(2):228-38

Average daily respiratory intake of polycyclic aromatic hydrocarbons in ambient air determined by capillary gas chromatography. Matsumoto H, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):17-23

Polycyclic aromatic hydrocarbon profiles of pyrolysed tobacco products commonly used in India. Bhide SV, et al. **Cancer Lett** 1984 Aug;24(1):89-94

Determination of 23 polycyclic aromatic hydrocarbons in atmospheric particulate matter of the Paris area and photolysis by sunlight. Muel B, et al. **Int J Environ Anal Chem** 1985;19(2):111-31

Liquid chromatographic determination of trace residues of polynuclear aromatic hydrocarbons in smoked foods. Joe FL Jr, et al. **J Assoc Off Anal Chem** 1984 Nov-Dec;67(6):1076-82

Determination of polycyclic aromatic hydrocarbons in diesel exhaust particulate matter and diesel fuel oil. Obuchi A, et al. **J Chromatogr** 1984 Nov 16;312:247-59

Detection of nitro-polycyclic aromatic hydrocarbons in liquid chromatography by zinc reduction and peroxyoxalate chemiluminescence. Sigvardson KW, et al. **J Chromatogr** 1984 Dec 21;316:507-18

Determination of polycyclic aromatic hydrocarbons in environmental samples by high performance thin-layer chromatography and fluorescence scanning densitometry. Butler HT, et al. **J Chromatogr Sci** 1985 May;23(5):200-7

Polycyclic aromatic hydrocarbons of coal fly ash: analysis by gas-liquid chromatography using nematic liquid crystals. Srivastava VK, et al. **J Toxicol Environ Health** 1985;15(2):333-7

Polycyclic aromatic hydrocarbons in Finnish sauna air. Häsänen E, et al. **Sci Total Environ** 1984 Aug 1;37(2-3):223-31

Polycyclic aromatic compounds in curing smoke. Colmsjö AL, et al. **Z Lebensm Unters Forsch** 1984 Oct;179(4):308-10

[Indoor air pollution by polynuclear hydrocarbons from tobacco smoke] Huynh CK, et al. **Soz Praventivmed** 1984;29(4-5):201-2 (Eng. Abstr.) **(Fre)**

[Air pollution survey in Kitakyushu district] Kodama Y, et al. **Sangyo Ika Daigaku Zasshi** 1983 Dec 1;5(4):449-60 (Eng. Abstr.) **(Jpn)**

[Harmful substances in cigarette smoke] Czerwiecki L. **Rocz Panstw Zakl Hig** 1984;35(3):233-8 (Eng. Abstr.) **(Pol)**

[Nutrient medium for determining the biological activity of heliomycin] Bershtein EM, et al. **Antibiotiki** 1984 Oct;29(10):766-70 (Eng. Abstr.) **(Rus)**

[Polycyclic aromatic hydrocarbon content of waste products of the coal-tar industry and the mutagenic effect of soot extracts] Khesina AIa, et al. **Eksp Onkol** 1985;7(2):26-8 (Eng. Abstr.) **(Rus)**

[Distribution of various polycyclic aromatic hydrocarbons in reservoir water of Estonia] Veldre IA, et al. **Eksp Onkol** 1985;7(2):71-3 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

[Regulation of heliomycin biosynthesis by the carbon source] Vinogradova KA, et al. **Antibiot Med Biotekhnol** 1985 Apr;30(4):264-71 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Comparison of methods for separating polycyclic aromatic hydrocarbons by high-performance thin-layer chromatography. Poole CF, et al. **J Chromatogr** 1984 Oct 19;302:149-58

METABOLISM

Microbial metabolism of polycyclic aromatic hydrocarbons. Cerniglia CE. **Adv Appl Microbiol** 1984;30:31-71 (202 ref.)

Effect of aryl hydrocarbon hydroxylase induction on the in vivo covalent binding of 1-nitropyrene, benzo[a]pyrene, 2-aminoanthracene, and phenanthridone to mouse lung deoxyribonucleic acid. Mitchell CE. **Biochem Pharmacol** 1985 Feb 15;34(4):545-51

Evidence for polynuclear aromatic hydrocarbons in the diet of bottom-feeding fish. Maccubbin AE, et al. **Bull Environ Contam Toxicol** 1985 Jun;34(6):876-82

Studies on comparative decomposition rate by rat liver homogenate and on micronucleus test of nitrated polycyclic aromatic hydrocarbons. Ohe T. **Bull Environ Contam Toxicol** 1985 May;34(5):715-21

Ah receptor in primate liver: binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin and carcinogenic aromatic hydrocarbons. Okey AB, et al. **Can J Physiol Pharmacol** 1984 Oct;62(10):1292-5

Reactive oxygen dependent activation of polycyclic hydrocarbons by phorbol ester-stimulated human polymorphonuclear leukocytes. Trush MA, et al. **Carcinog Compr Surv** 1985;8:293-303

Fetal mouse susceptibility to transplacental lung and liver carcinogenesis by 3-methylcholanthrene: positive correlation with responsiveness to inducers of aromatic hydrocarbon metabolism. Anderson LM, et al. **Carcinogenesis** 1985 Sep;6(9):1389-93

Cell-cell proximity is a parameter affecting the transfer of mutagenic polycyclic aromatic hydrocarbons between cells. Reiners JJ Jr, et al. **Carcinogenesis** 1985 May;6(5):793-5

Conformations of DNA adducts with polycyclic aromatic carcinogens. Broyde S, et al. **Prog Clin Biol Res** 1985;172A:153-71

Significance of various enzymes in the control of mutagenic and carcinogenic metabolites derived from aromatic structures. Oesch F. **Toxicol Pathol** 1984;12(4):391-6 (37 ref.)

[The behavior of polycyclic aromatic hydrocarbons in soil fertilized with sewage sludge-garbage compost. II. Laboratory studies] Pfeiffer EH, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec;179(6):574-85 (Eng. Abstr.) **(Ger)**

[The behavior of polycyclic aromatic hydrocarbons in soil fertilized with sewage sludge-garbage compost. I. Field studies] Pfeiffer EH, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec;179(6):566-73 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Comparison of aryl hydrocarbon hydroxylase and acetanilide 4-hydroxylase induction by polycyclic aromatic compounds in human and mouse cell lines. Jaiswal AK, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2721-31

Identification and quantification of a messenger ribonucleic acid induced by polynuclear aromatic hydrocarbons--using a cloned human cytochrome P-450 gene. Kato T, et al. **Eur J Biochem** 1985 Sep 16;151(3):489-95

Immunosuppression by polycyclic aromatic hydrocarbons: a structure-activity relationship in B6C3F1 and DBA/2 mice. White KL Jr, et al. **Immunopharmacology** 1985 Jun;9(3):155-64

Genetic monitoring of aluminum workers exposed to coal tar pitch volatiles. Heussner JC, et al. **Mutat Res** 1985 Mar;155(3):143-55

Salmonella/microsome mutagenicity of monochloro derivatives of some di-, tri- and tetracyclic aromatic hydrocarbons. Löfroth G, et al. **Mutat Res** 1985 Mar;155(3):91-4

Effect of nitro substitution on the light-mediated mutagenicity of polycyclic aromatic hydrocarbons in Salmonella typhimurium TA98. White GL, et al. **Mutat Res** 1985 Sep;144(1):1-7

[Experimental study on the enhancement of the immunosuppressive effect of cortisone by wurenchun, an extract of Schizandra chinensis Baill] Long ZZ, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):361-2, 325 (Eng. Abstr.) **(Chi)**

[Suppressive effect of wurenchun on the plaque forming cell (PFC) and specific rosette formation cell (SRFC) of mice] Long ZZ. **Chung Hua I Hsueh Tsa Chih** 1984 Jun;64(6):369-71 (Eng. Abstr.) **(Chi)**

[Induction of hepatic microsomal monooxygenases by schisanhenol in rats] Liu GT, et al. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar;6(1):41-4 (Eng. Abstr.) **(Chi)**

[Pharmacological studies on an oil emulsion of Schisandra chinensis] Li M. **Chung Yao Tung Pao** 1984 Jul;9(4):185-6 **(Chi)**

RADIATION EFFECTS

Mutagenicity of photochemical reaction products of polycyclic aromatic hydrocarbons with nitrite. Ohe T. **Sci Total Environ** 1984 Oct;39(1-2):161-75

THERAPEUTIC USE

[Pharmacological studies on schizandra fruits. III. Effects of wuweizisu C, a lignan component of schizandra fruits, on experimental liver injuries in rats] Takeda S, et al. **Nippon Yakurigaku Zasshi** 1985 Mar;85(3):193-208 (Eng. Abstr.) **(Jpn)**

TOXICITY

Induction of immunotoxicity by polycyclic hydrocarbons: role of the Ah locus. Lubet RA, et al. **Arch Toxicol** 1984 Nov;56(1):18-24

Effect of polynuclear hydrocarbons on algal nitrogen fixation (acetylene reduction). Bastian MV, et al. **Bull Environ Contam Toxicol** 1985 Aug;35(2):258-65

Fractionation of skin tumor-initiating activity in coal liquids. Mahlum DD, et al. **Cancer Res** 1984 Nov;44(11):5176-81

Experimental methods for the detection of the carcinogenicity and/or cocarcinogenicity of inhaled polycyclic-aromatic-hydrocarbon-containing emissions. Heinrich U, et al. **Carcinog Compr Surv** 1985;8:131-46

Inhibition of the mutagenicity of bay-region diol-epoxides of polycyclic aromatic hydrocarbons by tannic acid, hydroxylated anthraquinones and hydroxylated cinnamic acid derivatives. Huang MT, et al. **Carcinogenesis** 1985 Feb;6(2):237-42

Study of the carcinogenic mechanism for polycyclic aromatic hydrocarbons--extended bay region theory and its quantitative model. Yan LS. **Carcinogenesis** 1985 Jan;6(1):1-6

Correlations for the acute toxicity of multiple nitrogen substituted aromatic molecules. Schultz TW, et al. **Ecotoxicol Environ Safety** 1985 Aug;10(1):75-85

Structural features of nitroaromatics that determine mutagenic activity in Salmonella typhimurium. Vance WA, et al. **Environ Mutagen** 1984;6(6):797-811

IARC monographs on the evaluation of the carcinogenic risk of chemicals to humans. Polynuclear aromatic compounds, Part 4, Bitumens, coal-tars and derived products, shale-oils and soots. **IARC [illegible]nogr Eval Carcinog Risk Chem Hum** 1985 Jan;35:1-247

Correlation of a bond reactivity index with carcinogenicity and metabolic activation of polycyclic aromatic hydrocarbons. Mohammad SN. **Indian J Biochem Biophys** 1984 Aug;21(4):260-2

A human cell line sensitive to mutation by particle-borne chemicals. Crespi CL, et al. **Mutat Res** 1985 Jul;157(1):71-5

The orientation of the nitro substituent predicts the direct-acting bacterial mutagenicity of nitrated polycyclic aromatic hydrocarbons. Fu PP, et al. **Mutat Res** 1985 Jul;143(3):173-81

Mutagenicity of polycyclic aromatic compounds (PAC) identified in source emissions and ambient air. Møller M, et al. **Mutat Res** 1985 Aug-Sep;157(2-3):149-56

The relationship between the levels of DNA-hydrocarbon adducts and the formation of sister-chromatid exchanges in Chinese hamster ovary cells treated with derivatives of polycyclic aromatic hydrocarbons. Pal K. **Mutat Res** 1984 Dec;129(3):365-72

Mutagenicity of polycyclic aromatic hydrocarbons and quinones on Salmonella typhimurium TA97. Sakai M, et al. **Mutat Res** 1985 Apr-May;156(1-2):61-7

Quantitative structure-carcinogenic activity relationship of methyl, alkyl, cyclopentano, cyclohexano polycyclic aromatic hydrocarbons and cholanthrene series. Dai QH, et al. **Sci Sin [B]** 1985 Feb;28(2):160-87

[Experimental data to establish the MPEL of 1-methyl-2-isopropyl-benzine in the air of a work area] Stel'makh VA, et al. **Gig Tr Prof Zabol** 1985 Mar;(3):49-50 **(Rus)**

URINE

Mutagenic activity and polycyclic aromatic hydrocarbon levels in urine of workers exposed to coal tar pitch volatiles in an anode plant. Venier P, et al. **Carcinogenesis** 1985 May;6(5):749-52

POLYCYSTIC OVARY SYNDROME

Polycystic ovary syndrome. Chihal HJ, et al. **Am Fam Physician** 1985 Apr;31(4):159-65

Sexual life of women with the Stein-Leventhal syndrome. Raboch J, et al. **Arch Sex Behav** 1985 Jun;14(3):263-70

[A case of Stein-Leventhal syndrome] Giovannini C, et al. **Clin Ter** 1984 Oct 15;111(1):75-8 (Eng. Abstr.) **(Ita)**

BLOOD

Serum ACTH levels in patients with polycystic ovarian disease. Ohel G, et al. **Clin Exp Obstet Gynecol** 1985;12(1-2):29-32

Elevated plasma levels of beta-endorphin in a group of women with polycystic ovarian disease. Aleem FA, et al. **Fertil Steril** 1984 Nov;42(5):686-9

Diagnosis-specific serum 17 beta-estradiol (E2) upper limits for treatment with menotropins using a 125I direct E2 assay. Haning RV Jr, et al. **Fertil Steril** 1984 Dec;42(6):882-9

Lipid metabolism in women with polycystic ovary syndrome: possible implications for an increased risk of coronary heart disease. Mattsson LA, et al. **Fertil Steril** 1984 Oct;42(4):579-84

Prolactin response after gonadotropin-releasing hormone in the polycystic ovary syndrome. Shoupe D, et al. **Fertil Steril** 1985 Apr;43(4):549-53

Naloxone does not interfere with the dopamine-induced decrease in gonadotropin secretion in women with polycystic ovarian disease. Paradisi R, et al. **Horm Metab Res** 1985 Jan;17(1):29-31

Central opioid activity in polycystic ovary syndrome with and without dopaminergic modulation. Barnes RB, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):779-82

Insulin resistance, acanthosis nigricans, and polycystic ovaries associated with a circulating inhibitor of postbinding insulin action. Harrison LC, et al. **J Clin Endocrinol Metab** 1985 May;60(5):1047-52

[Inappropriate gonadotropin secretion in the polycystic ovary syndrome] Pilotti L, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1885-90 (Eng. Abstr.) **(Ita)**

CHEMICALLY INDUCED

Polycystic ovarian condition in estradiol valerate-treated rats: spontaneous changes in characteristic endocrine features. Schulster A, et al. **Biol Reprod** 1984 Oct; 31(3):587-93

Severe ovarian hyperstimulation syndrome from treatment with urinary follicle-stimulating hormone: two cases. Check JH, et al. **Fertil Steril** 1985 Feb;43(2):317-9

COMPLICATIONS

Induction of ovulation with purified urinary follicle-stimulating hormone in patients with polycystic ovarian syndrome. Garcea N, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):635-40

The syndrome of acanthosis nigricans, hyperandrogenism and insulin resistance. Tatnall FM, et al. **Clin Exp Dermatol** 1984 Sep;9(5):526-31

Ovulation induction with pulsatile gonadotropin-releasing hormone administration in patients with polycystic ovarian syndrome. Ory SJ, et al. **Fertil Steril** 1985 Jan;43(1):20-5

Familial hyperinsulinemia complicated by extreme insulin resistance during pregnancy: a probable postreceptor defect. Plehwe WE, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):68-77

[Multiple endocrine adenomatosis syndrome (MEA and Stein-Leventhal syndrome) complicated by duodenal ulcer hemorrhage] Borejszo I, et al. **Pol Arch Med Wewn** 1984 May;71(5):317-22 (Eng. Abstr.) **(Pol)**

[Cardiovascular disorders, autonomic disorders and atherogenic dyslipoproteinemias in young women with the sclerotic ovary syndrome] Barats SS, et al. **Kardiologiia** 1984 Aug;24(8):34-7 (Eng. Abstr.) **(Rus)**

[Stein-Leventhal syndrome and cystic teratoma] Bernal Bastidas S, et al. **Ginecol Obstet Mex** 1984 Jan;52(321):15-8 (Eng. Abstr.) **(Spa)**

[Ovarian polycystosis associated with malformations of the uterus, vagina, and tubal obstruction. Presentation of a case] Cano López H, et al. **Ginecol Obstet Mex** 1983 Sep; 51(317):245-7 (Eng. Abstr.) **(Spa)**

[Treatment of hirsutism in micropolycystic ovary syndrome with estrogens and sequential prostagen] Porcile A, et al. **Rev Chil Obstet Ginecol** 1982;47(1):8-17 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Ultrasonographic identification of polycystic ovary. Matsunaga I, et al. **Asia Oceania J Obstet Gynaecol** 1985 Jun;11(2):227-32

Diagnosis of polycystic ovary syndrome and preliminary studies on its mechanism. Lin SQ, et al. **Chin Med J [Engl]** 1985 Feb;98(2):95-102

Ultrasonic findings in polycystic ovarian disease. Orsini LF, et al. **Fertil Steril** 1985 May;43(5):709-14

Primary polycystic ovary syndrome in a premenarchal girl. A case report. Rao JK, et al. **J Reprod Med** 1985 Apr; 30(4):361-5

The contribution of sonographic evaluation of ovarian size in patients with polycystic ovarian disease. Nicolini U, et al. **J Ultrasound Med** 1985 Jul;4(7):347-51

Polycystic ovarian disease. Schriock E, et al. **West J Med** 1985 Apr;142(4):519-22

[Analysis of clinical symptoms of polycystic ovary syndrome] Sieja K, et al. **Ginekol Pol** 1984 Oct;55(10):771-5 (Eng. Abstr.) **(Pol)**

[Diagnosis and treatment of patients with typical forms of polycystic ovaries] El'tsov-Strelkov VI, et al. **Akush Ginekol (Mosk)** 1985 Feb;(2):11-3 (Eng. Abstr.) **(Rus)**

[Diagnostic value of laparoscopy in patients with infertility and oligomenorrhea] Olaïe-Gberevbie FCh, et al. **Akush Ginekol (Mosk)** 1984 Nov;(11):67-9 (Eng. Abstr.) **(Rus)**

[Diagnosis and treatment of patients with an atypical form of the polycystic ovary syndrome] Orlova VG, et al. **Akush Ginekol (Mosk)** 1985 Feb;(2):16-8 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Lipid metabolic studies in women with a polycystic ovary syndrome during treatment with a low-dose desogestrel-ethinylestradiol combination. Cullberg G, et al. **Acta Obstet Gynecol Scand** 1985;64(3):203-7

Effects of a low-dose desogestrel-ethinylestradiol combination on hirsutism, androgens and sex hormone binding globulin in women with a polycystic ovary syndrome. Cullberg G, et al. **Acta Obstet Gynecol Scand** 1985;64(3):195-202

Pharmacodynamic studies on desogestrel administered alone and in combination with ethinylestradiol. Cullberg G. **Acta Obstet Gynecol Scand [Suppl]** 1985;133:1-30

Acute effects of bromocriptine on gonadotropin secretion in polycystic ovary syndrome. Buvat J, et al. **Fertil Steril** 1985 Sep;44(3):356-60

The effects of the aromatase inhibitor delta 1-testolactone on gonadotropin release and steroid metabolism in polycystic ovarian disease. Dunaif A, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):773-80

[Use of spironolactone in the treatment of women with polycystic ovary syndrome associated with hyperprolactinemia] Milewicz A, et al. **Ginekol Pol** 1984 Oct;55(10):737-40 (Eng. Abstr.) **(Pol)**

[Therapeutic effects of diethylstilbestrol and spironolactone in polycystic ovary syndrome] Milewicz A, et al. **Ginekol Pol** 1984 Oct;55(10):765-9 (Eng. Abstr.) **(Pol)**

ETIOLOGY

Adrenocorticotropic hormone testing in idiopathic hirsutism and polycystic ovarian disease: a test of limited usefulness. Cobin RH, et al. **Fertil Steril** 1985 Aug;44(2):224-6

Temporal lobe epilepsy: an extrahypothalamic pathogenesis for polycystic ovarian syndrome? Herzog AG, et al. **Neurology (NY)** 1984 Oct;34(10):1389-93

[Polycystic ovaries: specific disease picture or nonspecific symptom?] Moltz L, et al. **Geburtshilfe Frauenheilkd** 1985 Feb;45(2):107-14 (Eng. Abstr.) **(Ger)**

FAMILIAL & GENETIC

Tetraploidy in two sisters with the polycystic ovary syndrome. Rojanasakul A, et al. **Clin Genet** 1985 Feb; 27(2):167-74

METABOLISM

Evidence for altered catecholamine metabolism in polycystic ovary syndrome. Shoupe D, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):566-71

Excessive testosterone secretion in pregnancy. Case report. Hague WM, et al. **Br J Obstet Gynaecol** 1985 Feb; 92(2):173-8

Collagen and glycosaminoglycans in the human ovarian capsule with polycystic ovarian disease. Mori Y, et al. **Gynecol Obstet Invest** 1984;18(5):244-51

Endometrial 'sarcomas' complicating ovarian thecoma, polycystic ovarian disease and estrogen therapy. Press MF, et al. **Gynecol Oncol** 1985 Jun;21(2):135-54

Common sex hormone abnormalities in women. McKenna TJ. **Ir J Med Sci** 1985 Apr;154(4):131-9

[Clinical aspects of polycystic syndrome of the ovary: the behavior of salivary testosterone and estrone] Piccione E, et al. **Clin Ter** 1984 Jul 31;110(2):119-22 (Eng. Abstr.) **(Ita)**

PATHOLOGY

Morphological studies of polycystic mouse ovaries induced by dehydroepiandrosterone. Familiari G, et al. **Cell Tissue Res** 1985;240(3):519-28

Giant nodular ovaries with aberrant follicles. Hughesdon PE, et al. **Histopathology** 1985 Jan;9(1):51-62

[Anatomo-clinical correlations in the polycystic ovary syndrome] Sandrucci S, et al. **Minerva Chir** 1984 Dec 15-31;39(23-24):1701-8 (Eng. Abstr.) **(Ita)**

[Histofunctional study of cultured cells from human ovaries] Villegas H, et al. **Ginecol Obstet Mex** 1983 Dec; 51(320):321-20 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

The acute effects of a dopamine antagonist (domperidone) on luteinising hormone, follicule stimulating hormone, prolactin and thyrotrophin secretion in polycystic ovarian syndrome: differential effect of ovulation. Murdoch AP, et al. **Clin Endocrinol (Oxf)** 1984 Dec;21(6):611-9

Polycystic ovarian disease: current concepts of pathophysiology and therapy. Coney P. **Fertil Steril** 1984 Nov;42(5):667-82 (102 ref.)

Ovulation induction in polycystic ovary syndrome with urinary follicle-stimulating hormone or human menopausal gonadotropin. Seibel MM, et al. **Fertil Steril** 1985 May; 43(5):703-8

[Specialized sensory perception in women with polycystic ovaries] Chterev AD, et al. **Rev Fr Gynecol Obstet** 1984 Nov;79(11):701-5 (Eng. Abstr.) **(Fre)**

[Effect of dopamine on gonadotropin and prolactin secretion in patients with polycystic ovary syndrome] Baranowska B, et al. **Pol Tyg Lek** 1984 Jul 16-23;39(29-30):977-80 (Eng. Abstr.) **(Pol)**

[Polycystic ovary syndrome] Campodónico I, et al. **Rev Chil Obstet Ginecol** 1983;48(1):16-26 **(Spa)**

RADIOGRAPHY

The role of computed tomography in the diagnosis of polycystic ovarian syndrome. Al Mahallawi MN, et al. **J Belge Radiol** 1984;67(2):81-5

SURGERY

Unilateral ovariectomy restores ovulatory cyclicity in rats with a polycystic ovarian condition. Farookhi R, et al. **Biol Reprod** 1985 Apr;32(3):530-40

[Wedge resection of the ovaries] Jakowicki J. **Ginekol Pol** 1984 Oct;55(10):741-4 (Eng. Abstr.) **(Pol)**

[Surgical treatment of Stein-Leventhal syndrome after completed pregnancy] Klimek R, et al. **Ginekol Pol** 1984 Nov;55(11):823-5 (Eng. Abstr.) **(Pol)**

[Effectiveness of various methods of surgical treatment of patients with polycystic ovaries] El'tsov-Strelkov VI, et al. **Akush Ginekol (Mosk)** 1984 Nov;(11):44-8 (Eng. Abstr.) **(Rus)**

THERAPY

[Polycystic ovarian syndrome treated with Chinese traditional medicine; analysis of 117 cases] Shi CX, et al. **Chung Hua Fu Chan Ko Tsa Chih** 1985 May;20(3):144-7, 189 (Eng. Abstr.) **(Chi)**

[Polycystic ovaries. Round table] Dargent D, et al. **Rev Fr Gynecol Obstet** 1984 Apr;79(4):307-18 (Eng. Abstr.) **(Fre)**

[Ovulation induction in sterile females with the polycystic ovary syndrome] Palatyński A, et al. **Zentralbl Gynakol** 1985;107(4):208-12 (Eng. Abstr.) **(Ger)**

[Conservative treatment of patients in the initial stage of sclerocystic ovary syndrome] Tsarikovskaia NG, et al. **Akush Ginekol (Mosk)** 1985 Feb;(2):13-5 (Eng. Abstr.) **(Rus)**

[Effectiveness of various methods of treatment of sclerocystic ovary syndrome depending on clinico-pathogenetic variants] Zenkina NP, et al. **Akush Ginekol (Mosk)** 1985 Feb;(2):18-9 **(Rus)**

[Differentiated use of mud therapy in patients with sclerocystic ovarian syndrome] Pamfamirov IuK, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov-Dec; (6):49-50 **(Rus)**

POLYCYTHEMIA

Erythrocytosis. A guide for rapid evaluation. Baldwin JG Jr. **Postgrad Med** 1984 Oct;76(5):98-9, 102, 104

BLOOD

Beta-thromboglobulin and platelet factor 4 in polycythemia patients treated by ticlopidine. Najean Y, et al. **Acta Haematol (Basel)** 1984;72(2):83-9

Heterogeneity of erythropoietin-dependent erythrocytosis: case report in a child and synopsis of primary erythrocytosis syndromes. Kulkarni V, et al. **Br J Haematol** 1985 Aug;60(4):751-8

Comparison of erythropoietic response to erythropoietin-secreting stimuli in mice following polycythemia induced by transfusion or hypoxia. Alippi RM, et al. **Exp Hematol** 1985 Mar;13(3):159-62

Regeneration of erythroid progenitor cells in polycythemic mice treated with cyclophosphamide. Biljanović-Paunović L, et al. **Exp Hematol** 1985 Jan;13(1):67-73

Polycythemia and the Budd-Chiari syndrome: study of serum erythropoietin and bone marrow erythroid progenitors. Levy VG, et al. **Hepatology** 1985 Sep-Oct;5(5):858-61

Polycythaemia associated with a new haemoglobin variant: haemoglobin Palmerston North beta 23 (B5) val----phe. Williamson D, et al. **NZ Med J** 1985 Jul 24;98(783):585-7

Serum lactoferrin in polycythemia [letter] Yuen E, et al. **Pathology** 1985 Jan;17(1):127

Neonatal hyperviscosity: randomized study of effect of partial plasma exchange transfusion on long-term outcome. Black VD, et al. **Pediatrics** 1985 Jun;75(6):1048-53

Circulatory changes in newborn lambs with experimental polycythemia: comparison between fetal and adult type blood. Fouron JC, et al. **Pediatrics** 1985 Jun;75(6):1054-60

[High hematocrit. A review over the most important forms of erythrocytosis] Freund LG, et al. **Ugeskr Laeger** 1984 Jul 2;146(27):2001-4 (Eng. Abstr.) **(Dan)**

[Polycythemia in the newborn infant] Cervantes FJ, et al. **Ginecol Obstet Mex** 1984 Mar;52(323):53-62 **(Spa)**

CHEMICALLY INDUCED

Association between erythrocytosis and renal cancers in rats following intrarenal injection of nickel compounds. Sunderman FW Jr, et al. **Carcinogenesis** 1984 Nov; 5(11):1511-7

COMPLICATIONS

Cerebral thrombosis in smokers' polycythemia. Doll DC, et al. **Ann Intern Med** 1985 Jun;102(6):786-7

Necrotizing enterocolitis can be caused by polycythemic hyperviscosity in the newborn dog. LeBlanc MH, et al. **J Pediatr** 1984 Nov;105(5):804-9

Primary hyperparathyroidism associated with pancytosis [letter] Ziv Y, et al. **N Engl J Med** 1985 Jul 18;313(3):187

Gastrointestinal injury in polycythemic term infants. Black VD, et al. **Pediatrics** 1985 Aug;76(2):225-31

[Nervous system manifestations in altitude erythremia] Zou XD. **Chung Hua I Hsueh Tsa Chih** 1984 Jul;64(7):420-3 (Eng. Abstr.) **(Chi)**

[Development of polycythemia to myelofibrosis. Monitoring by the assay of the procollagen III amino-propeptide] Arrago JP, et al. **Presse Med** 1984 Nov 10;13(40):2429-32 (Eng. Abstr.) **(Fre)**

[Hyperviscosity syndrome with pseudopapilledema and cerebral ischemia] Gallasch G, et al. **Dtsch Med Wochenschr** 1984 Oct 26;109(43):1643-6 (Eng.

Abstr.) (Ger)

[Chronic polyglobulia in the adult and vascular injuries] Di Lollo F, et al. **Recenti Prog Med** 1985 Mar;76(3):135-8 (Eng. Abstr.) (Ita)

[A case of erythrocytosis associated with massive hydronephrosis] Itoh K, et al. **Rinsho Ketsueki** 1984 Jun; 25(6):852-5 (Eng. Abstr.) (Jpn)

[Polycythemia in a newborn infant] Kordyasz E. **Wiad Lek** 1985 May 1;38(9):668-70 (Eng. Abstr.) (Pol)

DIAGNOSIS

Polycythemia in the newborn infant. Clapp DW, et al. **Indiana Med** 1985 May;78(5):367-71

[A clinical analysis of polycythemia] Liu EK. **Chung Hua Nei Ko Tsa Chih** 1984 Jul;23(7):416-8, 461 (Eng. Abstr.) (Chi)

[Granulocyte Fc- and C3-receptors as differential diagnostic criteria in erythremia vera and symptomatic erythrocytoses] Tishchenko LM, et al. **Vrach Delo** 1984 Nov;(11):42-5 (Eng. Abstr.) (Rus)

DRUG THERAPY

[Double-blind study on the action of almitrine in patients with polycythemia of high altitude] Villena M, et al. **Bull Eur Physiopathol Respir** 1985 Mar-Apr;21(2):165-70 (Eng. Abstr.) (Fre)

ETIOLOGY

Erythroid progenitor growth in erythrocytosic transplanted patients. Lamperi S, et al. **Artif Organs** 1985 May;9(2):200-4

Decreased plasma volume in post-transplant erythrocytosis. Obermiller LE, et al. **Clin Nephrol** 1985 May;23(5):213-7

Cardial decompensation caused by hypertension and polyglobulia associated with multiple renal oncocytomas. Stefenelli T, et al. **Clin Nephrol** 1985 Jun;23(6):307-11

Contracted plasma volume syndromes. Isbister JP. **Int J Microcirc Clin Exp** 1984;3(2):93-108

Stress polycythemia [letter] Nanavati NJ, et al. **J Assoc Physicians India** 1985 Feb;33(2):186-7

Polycythaemia is erythropoietin-independent after renal transplantation. Lamperi S, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:928-31

Strain and sex differences in the cardiopulmonary adaptation of rats to high altitude. Ou LC, et al. **Proc Soc Exp Biol Med** 1984 Nov;177(2):308-11

Compensatory neoplasia: chronic erythrocytosis and neuroblastic tumors. de la Monte SM, et al. **Theor Med** 1984 Oct;5(3):279-91 (58 ref.)

[Polycythemia associated with a hemoglobinopathy: apropos of a case of hemoglobin San Diego] Vertongen F, et al. **Rev Med Brux** 1985 May;6(5):353-6 (Eng. Abstr.) (Fre)

[Secondary polycythemia with hypererythropoietinemia. Supratentorial meningioma] Saint-Jean O, et al. **Rev Neurol (Paris)** 1985;141(2):143-5 (Eng. Abstr.) (Fre)

[A case of intrauterine fetal retardation with polycythemia in a patient with a pacemaker] Plesse R, et al. **Zentralbl Gynakol** 1984;106(23):1547-50 (Eng. Abstr.) (Ger)

[Hypertension and polycythemia in a case of acute lymphatic leukemia] Moreno A, et al. **Minerva Pediatr** 1985 Feb 28; 37(4):175-9 (Eng. Abstr.) (Ita)

[Brain abscess and secondary polycythemia due to total transposition of great vessels] Tada S. **Rinsho Hoshasen** 1985 Feb;30(2):287-8 (Jpn)

FAMILIAL & GENETIC

Familial amyotrophic chorea with acanthocytosis. New clinical and laboratory investigations. Gross KB, et al. **Arch Neurol** 1985 Aug;42(8):753-6

Pregnancy in carriers of high-affinity hemoglobins. Charache S, et al. **Blood** 1985 Mar;65(3):713-8

METABOLISM

Cholecalciferol metabolites in polycythemic newborns. Alkalay A, et al. **Isr J Med Sci** 1985 Feb;21(2):95-7

MICROBIOLOGY

Sequence comparisons of the anemia- and polycythemia-inducing strains of Friend spleen focus-forming virus. Wolff L, et al. **J Virol** 1985 Feb; 53(2):570-8

OCCURRENCE

Neonatal polycythemia in Hawaii. Wiswell TE, et al. **Hawaii Med J** 1984 Nov;43(11):398, 403

PATHOLOGY

[Morphological changes of the eye in highland polycythemia] Yin SG. **Chung Hua I Hsueh Tsa Chih** 1984 Jun; 64(6):389-91 (Chi)

[Case of helper T cell lymphoma arising from so-called T-zone lymphoma with polycythemia and marked eosinophil infiltration] Nakano M, et al. **Rinsho Ketsueki** 1984 Jul;25(7):1109-15 (Eng. Abstr.) (Jpn)

PHYSIOPATHOLOGY

Fundamental importance of arterial oxygen content in the regulation of cerebral blood flow in man. Brown MM, et al. **Brain** 1985 Mar;108 (Pt 1):81-93

Hemodynamic response to normovolemic polycythemia at rest and during exercise in dogs. Lindenfeld J, et al. **Circ Res** 1985 Jun;56(6):793-800

Skin capillary blood cell velocity in patients with arterial obliterative disease and polycythaemia: a disturbed reactive hyperaemia response. Ostergren J, et al. **Clin Physiol** 1985 Feb;5(1):35-43

Gas transfer for carbon monoxide in polycythaemia secondary to hypoxic lung disease. Wedzicha JA, et al. **Clin Sci** 1985 Jan;68(1):57-62

[Hypoxemia and the hematocrit in pathologic polycythemia due to altitude] Guénard H, et al. **Bull Eur Physiopathol Respir** 1984 Jul-Aug;20(4):319-24 (Eng. Abstr.) (Fre)

THERAPY

Apheresis procedures in polycythaemia [letter] Wedzicha JA, et al. **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1072

Erythrapheresis compared with placebo apheresis in patients with polycythaemia secondary to hypoxic lung disease. Wedzicha JA, et al. **Eur J Respir Dis** 1984 Nov; 65(8):579-85

POLYCYTHEMIA VERA

BLOOD

Blood viscosity studies in native and reconstituted polycythemic blood. Procidano M, et al. **Folia Haematol (Leipz)** 1984;111(5):671-80

Basic ferritin content of red cells of patients with anemia and polycythemia vera. Van der Weyden MB, et al. **Pathology** 1984 Oct;16(4):419-23

COMPLICATIONS

Spontaneous massive abdominal wall hematoma in polycythemia vera [letter] Fey MF. **Acta Haematol (Basel)** 1985;73(2):122-3

Spontaneous massive abdominal wall hematoma in polycythemia vera. Mittal RR, et al. **Acta Haematol (Basel)** 1984;72(2):128-30

Polycythemia rubra vera and hairy cell leukemia [letter] Mufti GJ, et al. **Acta Haematol (Basel)** 1985;73(3):189

Acute thrombotic complications of myeloproliferative disorders in young adults. Davis RB. **Am J Clin Pathol** 1985 Aug;84(2):180-5

Polycythemia rubra vera and conjunctival vascular congestion. Lindsey J, et al. **Ann Ophthalmol** 1985 Jan; 17(1):62-3

Megaloblastic anaemia masking polycythaemia rubra vera. Joyner MV, et al. **Br J Clin Pract** 1984 Jul-Aug; 38(7-8):280-1

Acquired ichthyosis in a patient with polycythemia rubra vera. Bergman R, et al. **Cutis** 1985 Aug;36(2):157-8

Polycythemia vera with acute peripheral neuropathy. Swamy HS, et al. **J Assoc Physicians India** 1984 Dec;32(12):1077-8

Chorea and polycythaemia. Mas JL, et al. **J Neurol** 1985; 232(3):169-71

Myocardial ischemia in Vaquez's disease. Ponte E, et al. **Morphol Embryol (Bucur)** 1984 Jul-Sep;30(3):185-9

[Darier's erythema annulare centrifugum and primary Vaquez polycythemia] Triller R, et al. **Ann Dermatol Venereol** 1984;111(8):767-8 (Fre)

[Intracranial hypertension caused by lateral sinus thrombosis in Vaquez's disease] Lauvin R, et al. **Rev Med Interne** 1985 Mar;6(2):158-61 (Fre)

[Stasis papilledema in Vaquez' disease. Apropos of 2 cases] Pinel JF, et al. **Rev Otoneuroophtalmol** 1984 Jul-Dec; 56(4-5):371-8 (Eng. Abstr.) (Fre)

[Chronic polyglobulia in the adult and vascular injuries] Di Lollo F, et al. **Recenti Prog Med** 1985 Mar;76(3):135-8 (Eng. Abstr.) (Ita)

[Cerebrovascular disease in aged patients with polycythemia or thrombocythemia] Akiguchi I, et al. **Nippon Ronen Igakkai Zasshi** 1985 Mar;22(2):93-9 (Eng. Abstr.) (Jpn)

[Use of trental as an agent for preventing thrombus formation in patients with polycythemia vera] Sedova GT, et al. **Gematol Transfuziol** 1984 Aug;29(8):19-22 (Eng. Abstr.) (Rus)

DIAGNOSIS

Polycythemia vera: a new case report with onset in infancy. Poggi V, et al. **Haematologica (Pavia)** 1984 Jul-Aug; 69(4):458-63

[Granulocyte Fc- and C3-receptors as differential diagnostic criteria in erythremia vera and symptomatic erythrocytoses] Tishchenko LM, et al. **Vrach Delo** 1984 Nov;(11):42-5 (Eng. Abstr.) (Rus)

['Arthritis' as the first clinical sign of polycythemia vera] Urbánek T, et al. **Vnitr Lek** 1984 Jul;30(7):710-3 (Eng. Abstr.) (Slo)

DRUG THERAPY

Treatment of polycythemia vera with hydroxyurea. Donovan PB, et al. **Am J Hematol** 1984;17(4):329-34

[Harringtonine in the treatment of polycythemia vera--analysis of 12 cases] Lu LH. **Chung Hua Nei Ko Tsa Chih** 1984 Jul;23(7):413-5, 462 (Eng. Abstr.) (Chi)

ETIOLOGY

Polycythemia vera, primary hyperparathyroidism, and dysplastic nevus syndrome: report of a case. Hayne ST, et al. **Am J Clin Pathol** 1985 Apr;83(4):512-6

Evidence for the involvement of B lymphoid cells in polycythemia vera and essential thrombocythemia. Raskind WH, et al. **J Clin Invest** 1985 Apr;75(4):1388-90

Polycythemia and nuclear 'exposure' [letter] Parkes G. **JAMA** 1985 Mar 8;253(10):1391

FAMILIAL & GENETIC

The pattern and clinical significance of karyotypic abnormalities in patients with idiopathic and postpolycythemic myelofibrosis. Miller JB, et al. **Cancer** 1985 Feb 1;55(3):582-91

OCCURRENCE

Multiple primary cancers associated with hematological malignancies. Nagura E, et al. **Jpn J Clin Oncol** 1985 Apr; 15 Suppl 1:211-22

PATHOLOGY

Intracranial extramedullary hematopoiesis in polycythemia vera. Robitaille GA, et al. **Conn Med** 1985 Mar; 49(3):149-51

[A case of polycythemia vera with myocardial infarction transformed to acute myelogenous leukemia accompanied with gas gangrene] Shio H, et al. **Nippon Naika Gakkai Zasshi** 1984 Jul;73(7):1022-7 (Jpn)

PHYSIOPATHOLOGY

Decreased platelet aggregation but increased thromboxane A2 generation in polycythemia vera. Mehta P, et al. **Arch Intern Med** 1985 Jul;145(7):1225-7

Increased platelet aggregation following splenectomy in patients with myeloproliferative disease. Aviram M, et al. **Isr J Med Sci** 1985 May;21(5):415-7

[Study of left ventricular function using systolic time intervals in a group of patients with polycythemia vera (Vaquez-Osler disease)] Gemelli A, et al. **Minerva Med** 1984 Nov 17;75(44):2667-72 (Eng. Abstr.) (Ita)

[Status of the cardiovascular system in patients with polycythemia vera] Kotsiubinskiĭ NN. **Klin Med (Mosk)** 1985 Mar;63(3):87-91 (Eng. Abstr.) (Rus)

RADIOTHERAPY

[Polycythemia vera and its treatment with radioactive phosphorus (32P)] Antić M. **Vojnosanit Pregl** 1984 Nov-Dec;41(6):451-63 (Scr)

THERAPY

Does iron deficiency in treated polycythemia vera affect whole blood viscosity? Birgegård G, et al **Acta Med Scand** 1984;216(2):165-9

[Effect of erythrocytophoresis on the kinetics of the proliferation of the erythroid cells of bone marrow in patients with polycythemia vera] Kozinets GI, et al. **Gematol Transfuziol** 1984 Nov;29(11):40-3 (Eng. Abstr.) (Rus)

URINE

Further characterization of human urinary megakaryocyte colon-stimulating factor and its kinetics in thrombopoietic disorders. Kawakita M, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec;47(8):1727-38

POLYDEOXYRIBONUCLEOTIDE SYNTHETASES see under **POLYNUCLEOTIDE SYNTHETASES**

POLYDEOXYRIBONUCLEOTIDES

Effect of chromium(III) on poly(dG-dC) conformation. Floro NA, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):106-13

Thermal melting of poly(dA-dT).poly(dA-dT) in methanol-water solutions. Kypr J, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):831-5

Base protonation facilitates B-Z interconversions of poly(dG-dC) X poly(dG-dC). Chen FM. **Biochemistry** 1984 Dec 4;23(25):6159-65

Poly(deoxyadenylic-deoxythymidylic acid) damage by radiolytically activated neocarzinostatin. Favaudon V, et al. **Biochemistry** 1985 Jan 15;24(2):250-9

2NH2A X T helices in the ribo- and deoxypolynucleotide series. Structural and energetic consequences of 2NH2A substitution. Howard FB, et al. **Biochemistry** 1984 Dec 18; 23(26):6723-32

Comparison of the conformation of poly(dI-dC) with poly(dI-dbr5C) and the B and Z forms of poly(dG-dC). One- and two-dimensional NMR studies. Mirau PA, et al. **Biochemistry** 1984 Nov 6;23(23):5439-46

Left-handed helical structure of poly[d(A-C)].poly[d(G-T)] studied by infrared spectroscopy. Taillandier E, et al. **Biochemistry** 1984 Nov 20;23(24):5703-6

Toroidal condensation of Z DNA and identification of an intermediate in the B to Z transition of poly(dG–m5dC) X poly(dG–m5dC). Thomas TJ, et al. **Biochemistry** 1985 Jan 29;24(3):713–9

Reversible helix/coil transitions of left–handed Z–DNA structures. Comparison of the thermodynamic properties of poly(dG).poly(dC), poly[d(G–C)].poly[d(G–C)], and poly(dG–m5dC).poly(dG–m5dC). Klump HH, et al. **Biol Chem Hoppe Seyler** 1985 Apr;366(4):345–53

The resolution of nucleic acid–ligand binding sites by CD first–neighbor analysis. Allen FS, et al. **Biopolymers** 1984 Nov;23(11 Pt 2):2661–8

On the first–neighbor analysis of nucleic acid CD spectra: the definitive T matrix and considerations of various methods. Allen FS, et al. **Biopolymers** 1984 Nov;23(11 Pt 2):2639–59

Temperature–dependent conformational transitions in poly(dG–dC) and poly(dG–m5dC). Behe MJ, et al. **Biopolymers** 1985 Feb;24(2):289–300

Determination of NOE 'silent' dipolar interactions between magnetically equivalent nuclei: application to poly(dA).poly(dT). Behling RW, et al. **Biopolymers** 1985 Jul;24(7):1157–67

Identification of a new electronic transition in the Z form of poly(dG–dC).poly(dG–dC) by infrared absorption and resonance Raman spectroscopy. Chinsky L, et al. **Biopolymers** 1984 Oct;23(10):1931–42

Torsional dynamics and rigidity of fractionated poly(dGdC). Fujimoto BS, et al. **Biopolymers** 1985 Jun;24(6):1009–22

Characterization of intermediate conformational states in the B in equilibrium Z transitions of poly(dG–dC).poly(dG–dC). Goto S. **Biopolymers** 1984 Nov;23(11 Pt 1):2211–22

Temperature–dependent reversible transition of poly(dCdG).poly(dCdG) in ethanolic and methanolic solutions. Hall KB, et al. **Biopolymers** 1984 Nov;23(11 Pt 1):2127–39

Premelting and the hydrogen–exchange open state in synthetic RNA duplexes. Preisler RS, et al. **Biopolymers** 1984 Nov;23(11 Pt 1):2099–125

An A–helix structure for poly(dA–dT) X poly(dA–dT). Thomas GJ Jr, et al. **Biopolymers** 1985 Jun;24(6):1101–5

The effects of neighboring bases on N–methyl–N–nitrosourea alkylation of DNA. Briscoe WT, et al. **Chem Biol Interact** 1984 Nov;52(1):103–10

A novel structural transition in poly(dG–Me5dC):Z in equilibrium B in equilibrium Z. Latha PK, et al. **FEBS Lett** 1985 Mar 25;182(2):315–8

B–Z transition in poly(dG–dC).poly(dG–dC) in the presence of formaldehyde amino derivatives. Poverenny AM, et al. **FEBS Lett** 1985 Jul 8;186(2):197–200

Z–form induction in DNA by carcinogenic nickel compounds: an optical spectroscopy study. Bourtayre P, et al. **IARC Sci Publ** 1984;(53):227–34

Deuteration kinetics of deoxyguanosine, deoxycytidine, and their polynucleotides by means of ultraviolet spectrophotometry. Nakanishi M, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):483–91

Facilitation of the conversion from B to Z conformation in poly(dG–dC) modified by anti–benzo(a)pyrene–7,8–dihydrodiol–9,10–epoxide. Lycksell PO, et al. **J Biol Chem** 1985 May 25; 260(10):5857–9

The crystal structure of d(G–G–G–G–C–C–C–C). A model for poly(dG).poly(dC). McCall M, et al. **J Mol Biol** 1985 Jun 5;183(3):385–96

Conformations of poly(dG–dC).poly(dG–dC) modified by the O–acetyl derivative of the carcinogen 4–hydroxyaminoquinoline 1–oxide. Bailleul B, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7915–27

New DNA polymorphism: evidence for a low salt, left–handed form of poly(dG–m5dC). Feuerstein BG, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):4133–41

Conformational changes induced in DNA by the in vitro reaction with the mutagenic amine: 3–N,N–acetoxyacetylamino–4,6–dimethyldipyrido (1,2–a: 3', 2'–d) imidazole. Hébert E, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8553–66

The poly dA strand of poly dA.poly dT adopts an A–form in solution: a UV resonance Raman study. Jollès B, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):2075–85

Diepoxybutane forms a monoadduct with B–form (dG–dC)n.(dG–dC)n and a crosslinked diadduct with the left–handed Z–form. Kang DS, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5645–56

Electron microscopic measurement of chain flexibility of poly(dG–dC).poly(dG–dC) modified by cis–diamminedichloroplatinum(II). Revet B, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8349–62

Right–handed and left–handed helices of poly(dA–dC) X (dG–dT). Taboury JA, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4469–83

Sequence–dependant polymorphism of DNA duplex in solutions. Nishimura Y, et al. **Nucleic Acids Symp Ser** 1984;(15):147–50

Use of synthetic polynucleotides to characterise an antiserum made against UV–irradiated DNA. Mitchell DL, et al. **Photochem Photobiol** 1984 Dec;40(6):743–8

Condensation of nucleic acids by intercalating aromatic cations. Kapuscinski J, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7368–72

Netropsin binding to polyd(AT) X polyd(AT) and to polydA X polydT: a comparative thermodynamic study. Marky LA, et al. **Prog Clin Biol Res** 1985;172B:155–73

ANALYSIS

Direct determination of uracil in [32P,uracil–3H]poly(dA.dT) and bisulfite–treated phage PM2 DNA. Green DA, et al. **Anal Biochem** 1984 Nov 1;142(2):497–503

Base tilt of poly[d(A)]–poly[d(T)] and poly[d(AT)]–poly[d(AT)] in solution determined by linear dichroism. Edmondson SP, et al. **Biopolymers** 1985 May; 24(5):825–41

A low–salt form of poly(dG–5M–dC).poly(dG–5M–dC). Krueger WC, et al. **Biopolymers** 1985 May;24(5):905–10

Use of phosphorothioate analogs of poly(dA–dT).poly(dAdT) to study steroidal–diamine induced conformational change in poly(dA–dT).poly(dA–dT). Suggs JW, et al. **FEBS Lett** 1985 Sep 9;189(1):77–80

Characterization of genomic poly(dT–dG).poly(dC–dA) sequences: structure, organization, and conformation. Hamada H, et al. **Mol Cell Biol** 1984 Dec;4(12):2610–21

[Polymorphism of the left–handed helix (Z form) of poly(dG–dC).poly(dG–dC) induced by MgCl2, studied by infrared spectroscopy] Taboury JA, et al. **Magnesium** 1984; 3(3):152–8 (Eng. Abstr.) **(Fre)**

GENETICS

Construction of a viable simian virus 40 variant that carries a poly[d(GT) . d(CA)] insertion. Stringer JR. **J Virol** 1985 Feb;53(2):698–701

Transition of a cloned d(AT)n–d(AT)n tract to a cruciform in vivo. Haniford DB, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4343–63

METABOLISM

Assay of hybrid ribonuclease using a membrane filter–immobilized synthetic hybrid: application to the human leukemic cell. Papaphilis AD, et al. **Anal Biochem** 1985 Feb 15;145(1):160–9

A Z–DNA binding protein isolated from D. radiodurans. Kitayama S, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1294–300

Kinetics and mechanism of dissociation of cooperatively bound T4 gene 32 protein–single–stranded nucleic acid complexes. 2. Changes in mechanism as a function of sodium chloride concentration and other solution variables. Lohman TM. **Biochemistry** 1984 Sep 25;23(20):4665–75

Kinetics and mechanism of dissociation of cooperatively bound T4 gene 32 protein–single–stranded nucleic acid complexes. 1. Irreversible dissociation induced by sodium chloride concentration jumps. Lohman TM. **Biochemistry** 1984 Sep 25;23(20):4656–65

Interactions of H1 and H5 histones with polynucleotides of B– and Z–DNA conformations. Mura CV, et al. **Biochemistry** 1984 Dec 4;23(25):6147–52

Escherichia coli single–stranded DNA binding protein is mobile on DNA: 1H NMR study of its interaction with oligo– and polynucleotides. Römer R, et al. **Biochemistry** 1984 Dec 4;23(25):6132–7

Adducts from in vivo action of the carcinogen 4–hydroxyaminoquinoline 1–oxide in rats and from in vitro reaction of 4–acetoxyaminoquinoline 1–oxide with DNA and polynucleotides. Galiègue–Zouitina S, et al. **Cancer Res** 1985 Feb;45(2):520–5

Recombination between poly[d(GT).d(CA)] sequences in simian virus 40–infected cultured cells. Stringer JR. **Mol Cell Biol** 1985 Jun;5(6):1247–59

Selective alkylation of carcinogenic 9–anthryloxirane at the N–3 position of adenine in DNA. Yang NC, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5250–4

[Study of the template properties and protein composition of the products of postradiation degradation of chromatin in the rat thymus] Borisova EA, et al. **Radiobiologiia** 1984 Sep–Oct;24(5):607–11 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Effect of deoxyribopolymers and ribopolymers on the sensitivity of the cyclic–AMP receptor protein of Escherichia coli to proteolytic attack. Angulo JA, et al. **Arch Biochem Biophys** 1985 Jan;236(1):11–6

DNA methylation. Inhibition of de novo and maintenance methylation in vitro by RNA and synthetic polynucleotides. Bolden A, et al. **J Biol Chem** 1984 Oct 25;259(20):12437–43

[Conformational changes in poly(dG–dC).poly(dG–dC) as affected by formaldehyde and its amino derivatives] Kiseleva VI, et al. **Dokl Akad Nauk SSSR** 1985; 281(5):1252–5 **(Rus)**

PHYSIOLOGY

Enhanced gene expression by the poly(dT–dG).poly(dC–dA) sequence. Hamada H, et al. **Mol Cell Biol** 1984 Dec; 4(12):2622–30

RADIATION EFFECTS

Further characterisation of a polyclonal antiserum for DNA photoproducts: the use of different labelled antigens to control its specificity. Mitchell DL, et al. **Mutat Res** 1985 Sep;146(2):129–33

The photoreactivity of T–A sequences in oligodeoxyribonucleotides and DNA. Bose SN, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7903–14

Induction of photoproducts in synthetic polynucleotides by far and near ultraviolet radiation. Mitchell DL, et al. **Photochem Photobiol** 1984 Dec;40(6):735–41

THERAPEUTIC USE

Effect of a new antithrombotic agent (defibrotide) in acute renal failure due to thrombotic microangiopathy. Bonomini V, et al. **Nephron** 1985;40(2):195–200

Cardioprotective effects of defibrotide in acute myocardial ischemia in the cat. Niada R, et al. **Thromb Res** 1985 Apr 1;38(1):71–81

POLYENES

Stability of nitroglycerin solutions in polyolefin and glass containers. Wagenknecht DM, et al. **Am J Hosp Pharm** 1984 Sep;41(9):1807–11

2H NMR evidence for antibiotic–induced cholesterol immobilization in biological model membranes. Dufourc EJ, et al. **Biochemistry** 1985 May 7;24(10):2420–4

Plasma membrane fluidity measurements on whole living cells by fluorescence anisotropy of trimethylammoniumdiphenylhexatriene. Kuhry JG, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):60–7

Detection of phospholipid phase separation. A multifrequency phase fluorimetry study of 1,6–diphenyl–1,3,5–hexatriene fluorescence. Parasassi T, et al. **J Biol Chem** 1984 Nov 25;259(22):14011–7

Filipin–cholesterol complexes (FCC) in the goblet cell granule membrane of the distal colon are arranged in a rhombic pattern. Luciano L, et al. **J Histochem Cytochem** 1985 Apr;33(4):360–6

Freeze–fracture cytochemical study of membrane systems in human epidermis using filipin as a probe for cholesterol. Kitajima Y, et al. **J Invest Dermatol** 1985 Feb;84(2):149–53

ANALYSIS

Studies on microcapsules. III. Influence of molecular weight of polyisobutylene in the microencapsulation of ascorbic acid. Koida Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Dec; 32(12):4971–8

A comparative fluorescence polarization study of cis–parinaroyl–phosphatidylcholine and diphenylhexatriene in membranes containing different amounts of cholesterol. Christiansson A, et al. **Chem Phys Lipids** 1984 Aug; 35(3):247–58

Filipin–cholesterol complexes in plasma membranes and cell junctions of Tenebrio molitor epidermis. Berdan RC, et al. **Tissue Cell** 1985;17(2):177–87

Distribution of filipin–sterol complexes in rat hepatocytes. Murakoshi M, et al. **Tokai J Exp Clin Med** 1984 Mar; 9(1):21–6

BLOOD

Filipin as a cholesterol probe. II. Filipin–cholesterol interaction in red blood cell membranes. Behnke O, et al. **Eur J Cell Biol** 1984 Nov;35(2):200–15

22–Carbon polyenoic acids. Incorporation into platelet phospholipids and the synthesis of these acids from 20–carbon polyenoic acid precursors by intact platelets. Weiner TW, et al. **J Biol Chem** 1985 May 25;260(10):6032–8

DIAGNOSTIC USE

Absence of filipin–sterol complexes from the ciliary necklace of ependymal cells. Cuevas P, et al. **Anat Embryol (Berl)** 1985;172(1):97–9

Time–resolved fluorescence anisotropies of diphenylhexatriene and perylene in solvents and lipid bilayers obtained from multifrequency phase–modulation fluorometry. Lakowicz JR, et al. **Biochemistry** 1985 Jan 15;24(2):376–83

Filipin as a cholesterol probe. I. Morphology of filipin–cholesterol interaction in lipid model systems. Beknke O, et al. **Eur J Cell Biol** 1984 Nov;35(2):189–99

Distribution of intramembranous particles and filipin–sterol complexes in the cell membranes of Toxoplasma gondii. Cintra WM, et al. **Eur J Cell Biol** 1985 May;37:63–9

ISOLATION & PURIFICATION

A mutagenic metabolite produced by Fusarium moniliforme isolated from Linxian county, China. Cheng SJ, et al. **Carcinogenesis** 1985 Jun;6(6):903–5

Separation of the filipin complex by gradient–elution high performance liquid chromatography. Kelly PM, et al. **J Antibiot (Tokyo)** 1985 Apr;38(4):485–9

METABOLISM

Different patterns of filipin–sterol labeling in prostate nuclear membranes from normal and castrated rats. Carmo–Fonseca M, et al. **Cell Biol Int Rep** 1985 Jan; 9(1):69–83

Rates of amphotericin B and filipin association with sterols. A study of changes in sterol structure and phospholipid composition of vesicles. Clejan S, et al. **J Biol Chem** 1985 Mar 10;260(5):2884–9

The distribution of filipin–sterol complexes in photoreceptor synaptic membranes. Cooper NG, et al. **J Comp Neurol** 1984 Dec 10;230(3):437–43

PHARMACODYNAMICS

Sensitivity of adipocyte basal and insulin-stimulated hexose transport to the membrane lipid structure. Hutchinson BT, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):1079-86

Reorganization of membrane cholesterol during membrane fusion in myogenesis in vitro: a study using the filipin-cholesterol complex. Sekiya T, et al. **Cell Struct Funct** 1984 Jun;9(2):143-55

In vitro and in vivo antifungal activity of the combination methylpartricin-5-fluorocytosine. Strippoli V, et al. **Chemioterapia** 1984 Apr;3(2):119-25

Freeze-fracture cytochemistry of sympathetic ganglia. Distribution of filipin and tomatin induced membrane deformations in neurons and satellite cells. Forsman CA. **Histochemistry** 1985;82(3):209-18

Comparative analysis of hexaene antibiotics. Ciftci T, et al. **J Antibiot (Tokyo)** 1984 Aug;37(8):876-84

A correlation between mode of growth and regional ultrastructure of the plasma membrane of Schizosaccharomyces pombe as revealed by freeze-fracturing before and after filipin treatment. Takeo K. **J Gen Microbiol** 1985 Feb;131 (Pt 2):309-16

Acute effects of filipin on the plasmic, hepatic, and biliary cholesterol of the rat. Chanussot F, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):13-20

[Anti-amebic effect of polyenic antibiotics] Liubimova LK, et al. **Antibiot Med Biotekhnol** 1985 Mar;30(3):179-82 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Advances in human neoprene-injected pancreas transplantation: experience with 47 cases. Dubernard JM, et al. **Transplant Proc** 1984 Oct;16(5):1267-9

[Vaginal infections of mixed etiology. Clinical importance and study of the efficacy and tolerability of 2 different treatments (25,000 I.U. mepartricin vaginal tablets and 100 mg. clotrimazole vaginal tablets)] Forcucci M, et al. **Minerva Ginecol** 1984 Dec;36(12):843-9 (Eng. Abstr.) **(Ita)**

TOXICITY

Fibroblasts from patients with myotonic muscular dystrophy: cholesterol requirement for proliferation and sensitivity to polyene antibiotics. Ohno K, et al. **Brain Dev** 1984; 6(6):566-70

POLYESTERS

Abdominal wound closure. A comparison of polydioxanone, polypropylene, and Teflon-coated braided Dacron sutures. Kon ND, et al. **Am Surg** 1984 Oct;50(10):549-51

Aquaplast for nasal splinting. Cunningham MW, et al. **Ann Plast Surg** 1984 Oct;13(4):357-8

A compound arterial prosthesis: the importance of the sterilization procedure on the healing and stability of albuminated polyester grafts. Guidoin R, et al. **Biomaterials** 1985 Mar;6(2):122-8

Drug delivery from catalysed erodible polymeric matrices of poly(ortho ester)s. Shih C, et al. **Biomaterials** 1984 Jul; 5(4):237-40

Calorimetrical comparison of insulative properties of metalized plastic, clear polyethylene, and polyester blanket. Chang KS, et al. **Can Anaesth Soc J** 1984 Nov;31(6):690-4

Preparation and in vitro degradation properties of polylactide microcapsules. Makino K, et al. **Chem Pharm Bull (Tokyo)** 1985 Mar;33(3):1195-201

Controlled release of a luteinizing hormone-releasing hormone analogue from poly(d,l-lactide-co-glycolide) microspheres. Sanders LM, et al. **J Pharm Sci** 1984 Sep; 73(9):1294-7

Microencapsulation and dissolution properties of a neuroleptic in a biodegradable polymer, poly(d,l-lactide). Suzuki K, et al. **J Pharm Sci** 1985 Jan;74(1):21-4

A clinical evaluation of absorbable polydioxanone ligating clips in abdominal and pelvic operations. Clarke-Pearson DL, et al. **Surg Gynecol Obstet** 1985 Sep;161(3):250-2

Polyester elastomer as an endothelial substrate. Campbell JB, et al. **Trans Am Soc Artif Intern Organs** 1984;30:303-7

[Experiences with a resorbable suture (PDS) in tendon sutures] Bruck JC, et al. **Handchir Mikrochir Plast Chir** 1985 Jul;17(4):238-40 (Eng. Abstr.) **(Ger)**

[Animal experiment studies on the use of absorbable polydioxanone (PDS) screws in osteosynthesis] Gay B, et al. **Unfallchirurg** 1985 Mar;88(3):126-33 (Eng. Abstr.) **(Ger)**

[Use of absorbable suture material in dermatologic surgery] Breuninger H, et al. **Z Hautkr** 1985 Mar 1;60(5):453-7 (Eng. Abstr.) **(Ger)**

[Microbial colonization of coating and building materials in contact with drinking water. 11. Long-term studies of a drinking water reservoir with polyester isolation] Schoenen D, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 May; 180(5-6):429-35 (Eng. Abstr.) **(Ger)**

[New synthetic resorbable suture material in animal experiments and in clinical testing] Henke R, et al. **Zentralbl Chir** 1984;109(10):641-50 (Eng. Abstr.) **(Ger)**

[Interference of polyester inflammation on the development of Yoshida ascites hepatoma in the rat] Ventrelli I, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30;61(3):445-52 (Eng. Abstr.) **(Ita)**

[Liquid method of electret formation] Lowkis B, et al. **Polim Med** 1983;13(3-4):161-72 (Eng. Abstr.) **(Pol)**

ADMINISTRATION & DOSAGE

Controlled drug release from poly(ortho esters). Heller J. **Ann NY Acad Sci** 1985;446:51-66

ADVERSE EFFECTS

Adhesion formation and histologic reaction with polydioxanone and polyglactin suture. Neff MR, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):20-3

[New synthetic resorbable suture material in animal experiments and in clinical testing] Henke R, et al. **Zentralbl Chir** 1984;109(10):641-50 (Eng. Abstr.) **(Ger)**

ANALYSIS

Characterization of drug-loaded poly(d,l-lactide) microspheres. Benita S, et al. **J Pharm Sci** 1984 Dec; 73(12):1721-4

Hydrolysis of some poly(ortho-ester)s in homogeneous solutions. Nguyen TH, et al. **J Pharm Sci** 1984 Nov; 73(11):1563-8

[Mechanical fatigue of an arterial prosthesis] Batt M, et al. **Presse Med** 1984 Sep 29;13(33):1997-2000 (Eng. Abstr.) **(Fre)**

TOXICITY

Contact allergy to unsaturated polyester in a boat builder [letter] Dooms-Goossens A, et al. **Contact Dermatitis** 1985 Apr;12(4):238

POLYETHYLENE GLYCOLS

Polyglycolic acid (Dexon) versus Mersilene in repair of inguinal hernia. Solhaug JH. **Acta Chir Scand** 1984; 150(5):385-7

Study of the intravaginal insert (IVI): acceptability, side effects, and post-coital spermicidal activity. Ahmad M, et al. **Acta Eur Fertil** 1984 Sep-Oct;15(5):369-76

Preparation of an oral lavage solution for bowel cleansing [letter] Frye CB, et al. **Am J Hosp Pharm** 1985 Feb; 42(2):276, 278

Names for PEG-electrolyte lavage solutions [letter] Marks E. **Am J Hosp Pharm** 1985 Aug;42(8):1710

A new polyvinyl alcohol hydrogel as a scleral buckling material. Kim SY, et al. **Am J Ophthalmol** 1985 Aug 15; 100(2):328-30

Opacification, vascularization, and chronic inflammation produced by hydrogel corneal lamellar implants. Ohrloff C, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):422-5

Application of hydrogel lens average thickness. Brennan NA. **Am J Optom Physiol Opt** 1984 Oct;61(10):636-42

Average thickness of a hydrogel lens for gas transmissibility calculations. Brennan NA. **Am J Optom Physiol Opt** 1984 Oct;61(10):627-35

A general relation between changing surface radii of flexing soft contact lenses. Weissman BA. **Am J Optom Physiol Opt** 1984 Oct;61(10):651-3

Evaluation of a new hydrogel coating for drainage tubes. Pearce RS, et al. **Am J Surg** 1984 Nov;148(5):687-91

Polyethylene glycol-6000 as a clearing agent for lipemic serum samples from dogs and the effects on 13 serum assays. Thompson MB, et al. **Am J Vet Res** 1984 Oct; 45(10):2154-7

The mechanism of increased elution volume of proteins by polyethylene glycol. Arakawa T. **Anal Biochem** 1985 Jan; 144(1):267-8

Determination of inorganic phosphate with molybdate and Triton X-100 without reduction. Kyaw A, et al. **Anal Biochem** 1985 Mar;145(2):230-4

The reaction of horseradish peroxidase with hydroperoxides derived from Triton X-100. Miki T, et al. **Anal Biochem** 1985 Apr;146(1):28-34

Precipitation of collagens by polyethylene glycols. Ramshaw JA, et al. **Anal Biochem** 1984 Sep;141(2):361-5

Hydrogenation of triton X-100 eliminates its fluorescence and ultraviolet light absorption while preserving its detergent properties. Tiller GE, et al. **Anal Biochem** 1984 Aug 15;141(1):262-6

Myopic correction using alloplastic implants in non-human primates--a preliminary report. Werblin TP, et al. **Ann Ophthalmol** 1984 Dec;16(12):1127-30

Organization and structure of two mixed micellar phases of the sphingomyelin/Triton X-305 system. Yedgar S, et al. **Arch Biochem Biophys** 1985 Jul;240(1):191-200

The dielectric properties of aqueous solutions of poly(ethylene glycol) and their influence on membrane structure. Arnold K, et al. **Biochim Biophys Acta** 1985 May 28;815(3):515-8

Distribution of platelet glycoproteins and phosphoproteins in hydrophobic and hydrophilic phases in Triton X-114 phase partition. Clemetson KJ, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):463-9

Acylation of human hemoglobin with polyoxyethylene derivatives. Leonard M, et al. **Biochim Biophys Acta** 1984 Dec 7;791(2):219-25

Laser light-scattering characterization of mitochondrial complex III-Triton X-100-phospholipid mixed micelles. Valpuesta JM, et al. **Biochim Biophys Acta** 1985 Apr 3; 807(1):96-9

Artificial encapsulation of joint prostheses. Yao ZX, et al. **Biomaterials** 1985 May;6(3):208-12

On the precipitation of proteins by polymers: the hemoglobin--polyethylene glycol system. Haire RN, et al. **Biopolymers** 1984 Dec;23(12):2761-79

Medication washout [letter] Shah A, et al. **Gastrointest Endosc** 1985 Aug;31(4):291

Silica-bound polyethyleneglycol as stationary phase for separation of proteins by high-performance liquid chromatography. Chang JP, et al. **J Chromatogr** 1985 Feb 20;319(3):396-9

Influence of silane treatment and filler fraction on thermal expansion of composite resins. Söderholm KJ. **J Dent Res** 1984 Nov;63(11):1321-6

Experimental infection and hydrogel dressings. Leaper DJ, et al. **J Hosp Infect** 1984 Dec;5 Suppl A:69-73

Alterations in phospholipid polymorphism by polyethylene glycol. Boni LT, et al. **J Membr Biol** 1984;80(1):91-104

The compaction properties of polyethylene glycols. Al-Angari AA, et al. **J Pharm Pharmacol** 1985 Mar; 37(3):151-3

Degradation of fenprostalene in polyethylene glycol 400 solution. Johnson DM, et al. **J Pharm Sci** 1984 Oct; 73(10):1414-7

Colonic lavage with polyethylene glycol [letter] Lubowski D, et al. **Med J Aust** 1985 Feb 18;142(4):256

A comparative clinical trial of the contraceptive sponge and Neo Sampoon tablets. Borko E, et al. **Obstet Gynecol** 1985 Apr;65(4):511-5

Application of CR-39 plastic to rapid and quantitative macroautoradiography of alpha-emitters in a whole body section of an experimental animal. Ishigure N. **Radioisotopes** 1985 Feb;34(2):101-2

Hydrogel implant for scleral buckling. Long-term observations. Tolentino FI, et al. **Retina** 1985 Winter-Spring;5(1):38-41

Mammalian cell growth on collagen-hydrogels. Toselli P, et al. **Scan Electron Microsc** 1984;(Pt 3):1301-12

[Solid dispersions of papaverine lauryl sulfate in polyoxyethyleneglycol 4000] Draguet-Brughmans M, et al. **Pharm Acta Helv** 1984;59(11):310-5 **(Fre)**

[The enhancement of solubility of problem drugs. 5. Solubility of griseofulvin-methylcellulose-PEG coprecipitates] Fahr F, et al. **Pharmazie** 1985 May; 40(5):362-3 **(Ger)**

[The effect of relative molecular mass of polyethylene glycols (PEG) in the permeability of polymethacrylate coatings] Hennig D, et al. **Pharmazie** 1985 Jan;40(1):61-2 **(Ger)**

[Artificial mesh as an aid in abdominal wall closure in postoperative peritonitis, postoperative abdominal wall dehiscence and reconstruction of the abdominal wall] Gross E, et al. **Zentralbl Chir** 1984;109(19):1238-50 (Eng. Abstr.) **(Ger)**

[Pharmaceutical evaluation of a hollow type suppository. III. Effect of macrogol 300 on the bioavailability of indomethacin in rabbits] Watanabe Y, et al. **Yakugaku Zasshi** 1985 Mar;105(3):284-8 (Eng. Abstr.) **(Jpn)**

[Polyethylene glycol-fractionated calf serum and its use in studies on rubella virus] Filczak K, et al. **Med Dosw Mikrobiol** 1984;36(4):239-44 (Eng. Abstr.) **(Pol)**

[Experimental basis for forming the postenucleation stump by using lavsan tissue] Shkromida MI, et al. **Oftalmol Zh** 1984;(7):425-7 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

The effect of incorporation of indomethacin with polyethylene glycol 6000 in a solid dispersion on its in vivo properties in the rat. Elliott PN, et al. **Agents Actions** 1984 Oct;15(3-4):367-70

Effect of superoxide dismutase encapsulated in liposomes or conjugated with polyethylene glycol on neutrophil bactericidal activity in vitro and bacterial clearance in vivo. McDonald RJ, et al. **Am Rev Respir Dis** 1985 Apr; 131(4):633-7

Long-term results after sclerotherapy of the spermatic vein in patients with varicocele. Riedl P, et al. **Cardiovasc Intervent Radiol** 1985;8(1):46-9

Pluronic F-127 gels as a vehicle for topical administration of anticancer agents. Miyazaki S, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):4205-8

Injection of nonvariceal bleeding lesions of the upper gastrointestinal tract. Soehendra N, et al. **Endoscopy** 1985 Jul;17(4):129-32

Polyethylene glycol-modified ragweed pollen extract in rhinoconjunctivitis. Juniper EF, et al. **J Allergy Clin Immunol** 1985 May;75(5):578-85

ADVERSE EFFECTS

A cutaneous complication of Dorbanex therapy [letter] Cox NH, et al. **Clin Exp Dermatol** 1984 Nov;9(6):624-5

Golytely lavage versus a standard colonoscopy preparation. Effect on normal colonic mucosal histology. Pockros PJ, et al. **Gastroenterology** 1985 Feb;88(2):545-8

Intramural hematoma of the esophagus: unusual complication of variceal sclerotherapy. Van Steenbergen W, et al. **Gastrointest Radiol** 1984;9(4):293-5

Preliminary study of hydrophilic hydrogel intraocular lens implants in cats. Yalon M, et al. **J Am Intraocul Implant Soc** 1984 Summer;10(3):315-7

[Real and false risks of local contraception: spermicides and the diaphragm] Zufferey MM.

J Gynecol Obstet Biol Reprod (Paris) 1985;14(3):359-63 (Eng. Abstr.) **(Fre)**

[Complications of the aorta following sclerosing of esophageal varices] Susani M, et al. **Pathologe** 1984 Oct; 5(5):278-81 **(Ger)**

ANALYSIS

A simple procedure for removing contaminating aldehydes and peroxides from aqueous solutions of polyethylene glycols and of nonionic detergents that are based on the polyoxyethylene linkage. Ray WJ Jr, et al. **Anal Biochem** 1985 May 1;146(2):307-12

Gel filtration of solubilized systems. VII. Temperature effect on the solubilization of ethylparaben in hexaoxyethylene lauryl ether micelles. Goto A, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):2905-9

Similarities in the release rates of different drugs from polyethylene glycol 6000 solid dispersions. Dubois JL, et al. **J Pharm Pharmacol** 1985 Jul;37(7):494-5

A nuclear magnetic resonance (nmr) investigation of the micellar structure of a long-chain non-ionic surfactant. Elworthy PH, et al. **J Pharm Pharmacol** 1984 Sep; 36(9):565-8

Effect of aging on hydrocortisone-polyethylene glycol 4000 and hydrocortisone-polyvinylpyrrolidone dispersions. Hajratwala BR, et al. **J Pharm Sci** 1984 Nov;73(11):1539-41

Phase separation induced in gelatin-base coacervation systems by addition of water-soluble nonionic polymers II: effect of molecular weight. Jizomoto H. **J Pharm Sci** 1985 Apr;74(4):469-72

The influence of polyethylene glycol molecular weight variation on the properties of glutethimide-polyethylene glycol solid dispersions. Ford JL. **Pharm Acta Helv** 1984; 59(9-10):280-8

ANTAGONISTS & INHIBITORS

Glutathione and caffeine antagonize the sperm-immobilizing effect of a vaginal contraceptive. Hong CY, et al. **Hum Toxicol** 1984 Aug;3(4):271-7

CHEMICAL SYNTHESIS

Synthesis of poly(ethylene glycol)-bound NADP by selective modification at the 6-amino group of NADP. Okuda K, et al. **Eur J Biochem** 1985 Aug 15;151(1):33-8

DIAGNOSTIC USE

Golytely lavage--is metoclopramide necessary? Brady CE 3d, et al. **Am J Gastroenterol** 1985 Mar;80(3):180-4

Effects of polyethylene glycol and dextrans on immunoprecipitations: a two-cross immunodiffusion study. Pokrić B, et al. **Anal Biochem** 1985 May 1;146(2):374-88

Triton X-100 extraction of P815 tumor cells: evidence for a plasma membrane skeleton structure. Apgar JR, et al. **J Cell Biol** 1985 May;100(5):1369-78

14C-PEG-4000 as indicator of the digestive tract motility in chickens. Tur JA, et al. **Rev Esp Fisiol** 1985 Mar; 41(1):133-4

Acute infections with Giardia lamblia and rotavirus decrease intestinal permeability to low-molecular weight polyethylene glycols (PEG 400). Serrander R, et al. **Scand J Infect Dis** 1984;16(4):339-44

[Validity of polyethylene glycol perfusion method in estimating pancreatic secretion (1)] Suzuki H, et al. **Rinsho Byori** 1985 Feb;33(2):205-10 **(Jpn)**

IMMUNOLOGY

Immune responses to polyethylene glycol modified L-asparaginase in mice. Kawamura K, et al. **Int Arch Allergy Appl Immunol** 1985;76(4):324-30

METABOLISM

Reduced intestinal permeability to low-molecular-weight polyethyleneglycols (PEG 400) in patients with jejunoileal bypass. Sundqvist T, et al. **Acta Chir Scand** 1984; 150(7):567-71

Surface modification of proteins. Activation of monomethoxy-polyethylene glycols by phenylchloroformates and modification of ribonuclease and superoxide dismutase. Veronese FM, et al. **Appl Biochem Biotechnol** 1985 Apr;11(2):141-52

Absorption and excretion of the hydrophobic surfactant, 14C-poloxalene 2930, in the rat. Rodgers JB, et al. **Drug Metab Dispos** 1984 Sep-Oct;12(5):631-4

Species differences in the handling of lysosomotropic metals and Triton WR 1339 by rat and Chinese hamster liver. Seidel A, et al. **Eur J Cell Biol** 1985 May;37:89-97

Altered jejunal permeability to macromolecules during viral enteritis in the piglet. Keljo DJ, et al. **Gastroenterology** 1985 Apr;88(4):998-1004

[Behavior of external adjuvants in human skin. In vitro penetration of various polyethylene glycols] Maak C, et al. **Derm Beruf Umwelt** 1984;32(4):126-33 (Eng. Abstr.) **(Ger)**

[Excretion of proxanol, a component of perfluorocarbon-based blood substitutes, from the bodies of animals] Sedova LA, et al. **Gematol Transfuziol** 1984 Sep;29(9):36-8 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Partial protection against streptozotocin-induced hyperglycaemia by superoxide dismutase linked to polyethylene glycol. Asplund K, et al. **Acta Endocrinol (Copenh)** 1984 Nov;107(3):390-4

Increased triglyceride secretion rate and hyperinsulinaemia in ventromedial hypothalamic lesioned rats in vivo. Satoh S, et al. **Acta Endocrinol (Copenh)** 1985 Sep;110(1):6-9

A comparative trial of the Today contraceptive sponge and diaphragm. Edelman DA, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):869-76

Inhibition of growth of Chlamydia trachomatis by nonoxynol-9 in vitro. Benes S, et al. **Antimicrob Agents Chemother** 1985 May;27(5):724-6

Suppression of intrinsic resistance to penicillins in Staphylococcus aureus by polidocanol, a dodecyl polyethyleneoxid ether. Bruns W, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):632-9

In vitro activity of the spermicide nonoxynol-9 against Chlamydia trachomatis. Kelly JP, et al. **Antimicrob Agents Chemother** 1985 May;27(5):760-2

Triton X-114 phase fractionation of membrane proteins of the cyanobacterium Anacystis nidulans R2. Bricker TM, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):204-11

On the mechanism of glycolysis stimulation by neutral detergents in 3T3 and Ehrlich ascites tumor cells. Racker E, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):836-42

Accelerated cicatrization produced by polyethylene glycol. Guerrero-Padilla E, et al. **Arch Invest Med (Mex)** 1984 Jul-Sep;15(3):281-6 **(Eng, Spa)**

Protective effect of coenzyme Q10 on erythrolysis induced by octoxinol or hypotonic salines. Sugiyama S, et al. **Arzneimittelforsch** 1985;35(1):26-7

Polyethylene glycol-modified catalase exhibits unexpectedly high activity in benzene. Takahashi K, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):761-6

Effect of antituberculous calixarenes on phospholipase A2 susceptibility and on fusion of phospholipid bilayers. Jain MK, et al. **Biochem J** 1985 May 1;227(3):789-94

Interaction of Triton X-100 with the pigment-protein complexes of photosynthetic membranes. Murphy DJ, et al. **Biochem J** 1985 Jul 1;229(1):31-7

The effects of Triton X-100 and n-octyl beta-D-glucopyranoside on energy transfer in photosynthetic membranes. Murphy DJ, et al. **Biochem J** 1984 Dec 15;224(3):989-93

Osmotic stabilizers differentially inhibit permeability alterations induced in Vero cells by Clostridium perfringens enterotoxin. McClane BA. **Biochim Biophys Acta** 1984 Oct 17;777(1):99-106

Latency studies on rat liver microsomal glucose-6-phosphatase. Correlation of membrane modification and solubilization by Triton X-114 with the enzymatic activity. Schulze HU, et al. **Biochim Biophys Acta** 1985 Mar 28;814(1):85-95

In vitro DNA replication in association with the nuclear matrix of permeable mammalian cells. Van der Velden HM, et al. **Biochim Biophys Acta** 1984 Sep 10;782(4):429-36

Interaction of fusogen substances with the erythrocyte membrane. Pratsch L, et al. **Biomed Biochim Acta** 1984; 43(6):S85-7

Improved enumeration of Trichoderma spp. on dilution plates of selective media containing a nonionic surfactant. Benson DM. **Can J Microbiol** 1984 Sep;30(9):1193-5

Ca2+-dependent contraction of human lung fibroblasts treated with Triton X-100: a role of Ca2+-calmodulin-dependent phosphorylation of myosin 20,000-dalton light chain. Masuda H, et al. **Cell Motil** 1984; 4(5):315-31

Modified lipoprotein lipase catalyzes ester synthesis in benzene. Substrate specificity. Takahashi K, et al. **Enzyme** 1984;32(4):235-40

Association of specific cell-surface glycoproteins with a triton X-100-resistant complex of plasma membrane proteins isolated from T-lymphoma cells (P1798). Hoessli D, et al. **Exp Cell Res** 1985 Jan;156(1):239-50

Chymotrypsin modified with polyethylene glycol catalyzes peptide synthesis reaction in benzene. Matsushima A, et al. **FEBS Lett** 1984 Dec 10;178(2):275-7

Effect of polyethylene glycol on the kinetic behaviour of pyruvate kinase and other potentially regulatory liver enzymes. Medina R, et al. **FEBS Lett** 1985 Jan 21; 180(1):77-80

The effect of bilayer order and fluidity on detergent-induced liposome fusion. Saez R, et al. **FEBS Lett** 1985 Jan 7; 179(2):311-5

Comparison of the sensitivity of the vaginal mucous membranes of the albino rabbit and laboratory rat to nonoxynol-9. Kaminsky M, et al. **Food Chem Toxicol** 1985 Jul;23(7):705-8

Plasma lipoproteins in streptozotocin-diabetic rats, after Triton WR-1339 treatment. Takahashi K, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:82-4

The contribution of endogenous and exogenous effects to radiation-induced damage in the bacterial spore. Jacobs GP, et al. **Int J Radiat Biol** 1985 Jun;47(6):621-7

Restoration of Ca2+-transport in sarcoplasmic reticulum ATPase solubilized with octaethyleneglycol mono n-dodecyl ether. Andoh R, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):877-82

Effect of Brij 58 on the hydrolysis of methyl butyrate by lipase from Pseudomonas fluorescens. Nakagawa A, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):815-20

Activation of protein kinase C by Triton X-100 mixed micelles containing diacylglycerol and phosphatidylserine. Hannun YA, et al. **J Biol Chem** 1985 Aug 25; 260(18):10039-43

Mechanisms of detergent effects on membrane-bound (Na+ + K+)-ATPase. Huang WH, et al. **J Biol Chem** 1985 Jun 25;260(12):7356-61

Homologous desensitization of beta-adrenergic receptor coupled adenylate cyclase. Resensitization by polyethylene glycol treatment. Strasser RH, et al. **J Biol Chem** 1985 Apr 25;260(8):4561-4

A nonantigenic covalent streptokinase-polyethylene glycol complex with plasminogen activator function. Rajagopalan S, et al. **J Clin Invest** 1985 Feb;75(2):413-9

The adjuvant activity of nonionic block polymer surfactants. II. Antibody formation and inflammation related to the structure of triblock and octablock copolymers. Hunter RL, et al. **J Immunol** 1984 Dec;133(6):3167-75

A short-duration polyethylene glycol fusion technique for increasing production of monoclonal antibody-secreting hybridomas. Lane RD. **J Immunol Methods** 1985 Aug 2; 81(2):223-8

An ELISA for screening hybridoma cultures for monoclonal antibodies against a detergent solubilized integral membrane protein. Noteboom WD, et al. **J Immunol Methods** 1984 Dec 14;75(1):141-8

Plasma lipoprotein changes attending the intravenous administration of Triton WR-1339 in normolipidemic dogs: preferential effect on high density lipoproteins. Edelstein C, et al. **J Lipid Res** 1985 Mar;26(3):351-9

In vitro effect of Triton WR-1339 on canine plasma high density lipoproteins. Yamamoto K, et al. **J Lipid Res** 1984 Aug;25(8):770-9

The rate of polymerization of rabbit skeletal muscle actin is enhanced by polyethylene glycol. Strömqvist M, et al. **J Muscle Res Cell Motil** 1984 Aug;5(4):443-55

Inhibition of lipid absorption by non-ionic hydrophobic surfactant Pluronic L-81, and its benzoyl esters. Bochenek WJ, et al. **J Pharm Pharmacol** 1984 Dec;36(12):834-6

Comparison of the effects of sodium salicylate, disodium ethylenediaminetetraacetic acid and polyoxyethylene-23-lauryl ether as adjuvants for the rectal absorption of sodium cefoxitin. Nishihata T, et al. **J Pharm Pharmacol** 1985 Mar;37(3):159-63

Use of Triton-X-100 for improving Aspergillus fumigatus antigen(s) and antigenicity. Arrena A, et al. **Mykosen** 1985 Jun;28(6):273-7

The effects of lubrol WX on brain membrane Ca2+/Mg2+ ATPase and ATP-dependent Ca2+ uptake activity following acute and chronic ethanol. Ross DH, et al. **Neurochem Res** 1985 Feb;10(2):283-95

Influence of monovalent cations on the activity of T4 DNA ligase in the presence of polyethylene glycol. Hayashi K, et al. **Nucleic Acids Res** 1985 May 10;13(9):3261-71

The adsorption of thrombin to polypropylene tubes: the effect of polyethylene glycol and bovine serum albumin. Horne MK 3d. **Thromb Res** 1985 Jan 1;37(1):201-12

Morphological changes in the basolateral membrane of the villus cells of the rat small intestine upon Triton X100 extraction. Schiechl H. **Z Mikrosk Anat Forsch** 1984; 98(5):746-54

[Stathmokinetic effect of cryoprotectors] Pankov EIa, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):340-2 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Ascitic fluid concentrating device and concentrate reinfusion in treatment of refractory or massive ascites. Clinical trial in 40 patients. Huang MX, et al. **Chin Med J [Engl]** 1985 Jan;98(1):7-12

Comparison of cleansing methods in preparation for colonic surgery. Beck DE, et al. **Dis Colon Rectum** 1985 Jul; 28(7):491-5

In vitro and in vivo evaluation of latex condoms using a two-phase nonoxynol 9 system. Rodgers-Neame N, et al. **Fertil Steril** 1985 Jun;43(6):931-6

Polyethylene glycol as a protector against head and neck irradiation. Shaeffer J, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec;10(12):2329-33

Treatment of thyroid cysts by sclerosation. Porenta M, et al. **Radiobiol Radiother (Berl)** 1985;26(2):249-54

[Sclerosing treatment of massive hemorrhage of a preternatural anus in portal hypertension] Hesterberg R, et al. **Chirurg** 1984 Sep;55(9):607-9 **(Ger)**

[Experiences with a methodologic variant of fiberoptic sclerosing of esophageal varices] Schwenke E, et al. **Z Gesamte Inn Med** 1985 Feb 15;40(4):92-6 (Eng. Abstr.) **(Ger)**

TOXICITY

Long-term toxicity of a hydrogelic occlusive device in the isthmus of the human oviduct. A light microscopic study. Brundin J, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1985 May; 93(3):121-6

On the safety of Golytely [letter] Meadows JO. **Gastrointest Endosc** 1985 Apr;31(2):108

Toxicological evaluation of poloxamer vehicles for intramuscular use. Johnston TP, et al. **J Parenter Sci Technol** 1985 Mar-Apr;39(2):83-9

Mutagenicity testing of ST-film with the Ames test, chromosome test in vitro and micronucleus test in female mice. Shibuya T, et al. **J Toxicol Sci** 1985 May;10(2):135-41

Paramorphogenic and genotoxic activity of Triton X-100 and sodium dodecyl sulphate in Aspergillus nidulans. Assinder SJ, et al. **Mutat Res** 1985 Apr;142(4):179-81

Electron microscopic study of intrastromal hydrogel implants in primates. Yamaguchi T, et al. **Ophthalmology** 1984 Oct; 91(10):1170-5

Teratology of intravaginally administered contraceptive jelly containing octoxynol-9 in rats. Saad DJ, et al. **Teratology** 1984 Aug;30(1):25-30

POLYETHYLENE TEREPHTHALATE

Prosthetic repair of coarctation of the aorta with particular reference to Dacron onlay patch grafts and late aneurysm formation. Clarkson PM, et al. **Am J Cardiol** 1985 Aug 1;56(4):342-6

Abdominal wound closure. A comparison of polydioxanone, polypropylene, and Teflon-coated braided Dacron sutures. Kon ND, et al. **Am Surg** 1984 Oct;50(10):549-51

Arterial regenerative activity after prosthetic implantation. Greisler HP, et al. **Arch Surg** 1985 Mar;120(3):315-23

Heparinizable materials (IV). Surface-grafting on poly(ethylene terephthalate) of heparin-complexing poly(amido-amine) chains. Barbucci R, et al. **Biomaterials** 1985 Mar;6(2):102-4

Effect of steam sterilization on polyethylene terephthalate. Nair PD, et al. **Biomaterials** 1984 Sep;5(5):305-6

A high-strength Dacron augmentation for cruciate ligament reconstruction. A two-year canine study. Park JP, et al. **Clin Orthop** 1985 Jun;(196):175-85

A new woven double velour vascular prosthesis. Scott SM, et al. **J Cardiovasc Surg (Torino)** 1985 Mar-Apr; 26(2):175-81

Possible use of the Radovan tissue expander in hair replacement surgery. Pierce HE. **J Dermatol Surg Oncol** 1985 Apr;11(4):413-7

Partial replacement of the left ventricular free wall with a Dacron graft: a 14 year follow-up. Symbas PN, et al. **J Thorac Cardiovasc Surg** 1985 Feb;89(2):310-3

In vivo study of Dacron aortic grafts through B-mode ultrasonography. Cavallaro A, et al. **J Ultrasound Med** 1985 May;4(5):235-8

Mesothelial cell seeding of Dacron arterial prostheses [letter] Pittilo RM, et al. **Lancet** 1985 Feb 9;1(8424):347-8

Late Dacron graft failure: two cases. Ahwah I. **Mt Sinai J Med (NY)** 1984 Dec;51(6):728-31

Mandibular reconstruction using silicone: fifteen-year follow-up. McKenzie ML. **Plast Reconstr Surg** 1984 Oct; 74(4):531-4

Effects of a tetrafluoroethylene glow discharge on patency of small diameter dacron vascular grafts. Garfinkle AM, et al. **Trans Am Soc Artif Intern Organs** 1984;30:432-9

Use of Dacron patch graft in Peyronie disease. Schiffman ZJ, et al. **Urology** 1985 Jan;25(1):38-40

[Leakage of gaseous 125I from a Na125I solution through a plastic film] Tanaka Y. **Radioisotopes** 1984 Sep; 33(9):629-31 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Baffle obstruction following the Mustard operation: cause and treatment. Kron IL, et al. **Ann Thorac Surg** 1985 Feb; 39(2):112-5

Comparison of the thrombogenicity of four types of knitted Dacron arterial graft in an artificial circulation. Deacon P, et al. **Biomaterials** 1985 Jan;6(1):64-7

Delayed reaction to the Dacron buttress used in urethropexy. Richardson DA, et al. **J Reprod Med** 1984 Sep;29(9):689-92

Duodenal penetration by a dacron graft after iliac-portal A/V shunt in a porta-caval shunt with hepatic arterialization. Elizondo J, et al. **Rev Invest Clin** 1984 Apr-Jun;36(2):137-9

[Nonspecific immunological factors of the body in workers manufacturing polyethylene terephthalate] Lisitsyn VM, et al. **Gig Tr Prof Zabol** 1985 Apr;(4):43-4 **(Rus)**

POLYETHYLENEIMINE see under **POLYETHYLENES**

POLYETHYLENES

Relation of coronary artery disease and left ventricular systolic dysfunction to left ventricular end-diastolic pressure after left ventriculography. Wolfe CL, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1622-3

Osseous and chondral fixation of polypropylene mesh. Merrell RC, et al. **Am J Surg** 1985 Jun;149(6):816-8

Histological results with cement-free implanted hip joint sockets of polyethylene. Remagen W, et al. **Arch Orthop Trauma Surg** 1984;103(3):145-51

The effect polyethylene intramammary devices on the somatic cell count and milk production of dairy cows. Stephens LR, et al. **Aust Vet J** 1984 Jul;61(7):229-30

Silane crosslinked polyethylene for prosthetic applications. II. Creep and wear behaviour and a preliminary moulding test. Atkinson JR, et al. **Biomaterials** 1984 Nov;5(6):326-35

The intra-articular response to particulate carbon fibre reinforced high density polyethylene and its constituents: an experimental study in mice. Rushton N, et al. **Biomaterials** 1984 Nov;5(6):352-6

Calorimetrical comparison of insulative properties of metalized plastic, clear polyethylene, and polyester blanket. Chang KS, et al. **Can Anaesth Soc J** 1984 Nov;31(6):690-4

Total joint arthroplasty at the carpometacarpal joint of the thumb. Braun RM. **Clin Orthop** 1985 May;(195):161-7

Total hip acetabular cup flange design and its effect on cement fixation. Oh I, et al. **Clin Orthop** 1985 May; (195):304-9

Porous prostheses: an electron microscopic study. Brennan G, et al. **Clin Otolaryngol** 1984 Aug;9(4):229-33

Review. Six years experience of Plastipore. Kerr AI. **Clin Otolaryngol** 1984 Dec;9(6):361-7

The STA operation for the pronated foot in childhood. Smith SD. **Clin Podiatry** 1984 Apr;1(1):165-73

Nitroglycerin adsorption to a combination polyvinyl chloride, polyethylene intravenous administration set. Schaber DE, et al. **Drug Intell Clin Pharm** 1985 Jul-Aug; 19(7-8):572-5

Thrombogenicity of central venous catheters: prospective study of polyethylene, silicone and polyurethane catheters with phlebography or post-mortem examination. Pottecher T, et al. **Eur J Anaesthesiol** 1984 Dec;1(4):361-5

Physical properties of cross-linked polyethylene foam (Plastazote) under clinical conditions. Minns RJ, et al. **J Biomech** 1984;17(10):709-12

Autologous fitted incus versus Plastipore PORP in ossicular chain reconstruction. Sanna M, et al. **J Laryngol Otol** 1985 Feb;99(2):137-41

Fatigue crack propagation behavior of ultrahigh molecular weight polyethylene. Connelly GM, et al. **J Orthop Res** 1984;2(2):119-25

Tissue response to carbon-reinforced polyethylene. Groth HE, et al. **J Orthop Res** 1983;1(2):129-35

Materials for mouth protectors. Bishop BM, et al. **J Prosthet Dent** 1985 Feb;53(2):256-61

Clinical effect of nonthrombotic total parenteral nutrition catheters. Fabri PJ, et al. **JPEN** 1984 Nov-Dec;8(6):705-7

Repair of recurrent inguinal hernia with Marlex mesh. Kaufman M, et al. **Surg Gynecol Obstet** 1985 Jun; 160(6):505-6

Biochemistry of whole blood in poly(ethylene-co-ethylacrylate) experimental blood containers. Horowitz B, et al. **Vox Sang** 1985;48(3):143-9

[Improvement of the tolerance of prolonged catheterization of radial artery] Martin C, et al. **Presse Med** 1985 Mar 9;14(10):594-5 (Eng. Abstr.) **(Fre)**

[Repeated sterilization of polyethylene implants--a review of the literature] Brinckmann P. **Biomed Tech (Berlin)** 1984 Jul-Aug;29(7-8):185-90 (Eng. Abstr.) **(Ger)**

[Histopathologic findings on proplast and plastipore prostheses] Colletti V, et al. **Acta Otorhinolaryngol Ital** 1984 Nov-Dec;4(6):689-96 (Eng. Abstr.) **(Ita)**

[Wear and tear behavior of polyethylene for articular prostheses] Trentani C, et al. **Chir Organi Mov** 1984; 69(3):265-70 (Eng. Abstr.) **(Ita)**

[Hip endoprosthesis made of plastics] Koszkul J, et al. **Polim Med** 1983;13(3-4):143-50 (Eng. Abstr.) **(Pol)**

[Intracavernous implantation of prostheses for erectile impotence] Krasulin VV, et al. **Urol Nefrol (Mosk)** 1984 Sep-Oct;(5):38-43 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

[Changes in electromyogram of the colon related to ingestion of undigestible particles in dogs] Cherbut C, et al. **Gastroenterol Clin Biol** 1984 Dec;8(12):955-9 (Eng. Abstr.) **(Fre)**

ADVERSE EFFECTS

Polyethylene sponge total ossicular replacement prosthesis: a histopathologic study [letter] Palva T, et al. **Arch Otolaryngol** 1984 Nov;110(11):765

DIAGNOSTIC USE

The use of cationic polyelectrolytes in the preparation of cell monolayers for automated cell scanning and diagnostic cytopathology. Watts KC, et al. **Anal Quant Cytol** 1984 Dec;6(4):272-8

METABOLISM

Studies on the formation of electrostatic complexes between benzethonium chloride and anionic polymers. Tavss EA, et al. **J Pharm Sci** 1984 Aug;73(8):1148-52

[Biodegradation of polyethylene and polyether-polyurethane] Weimer E, et al. **Biomed Tech (Berlin)** 1984 Sep;29(9):218-25 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

[Inhibition of cholinesterases by aziridinium derivatives of polymethylene bischloroethylamines] Volkova RI, et al. **Bioorg Khim** 1983 Jul;9(7):926-35 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Radiation sterilization and the wear rate of polyethylene. Rose RM, et al. **J Orthop Res** 1984;2(4):393-400

[On the problem of repeated sterilization of polyethylene implants--a literature search (letter)] Eyerer P. **Biomed Tech (Berlin)** 1984 Nov;29(11):295-6 **(Ger)**

STANDARDS

Fluid-sorption phenomena in sterilized polyethylene acetabular prostheses. Clarke IC, et al. **Biomaterials** 1985 May;6(3):184-8

A comparison of RCH 1000 and Hi-Fax 1900 ultra-high molecular weight polyethylenes. Weightman B, et al. **Biomaterials** 1985 May;6(3):177-83

THERAPEUTIC USE

Polycation as an alternative osmotic agent and phosphate binder in peritoneal dialysis. McGary TJ, et al. **Uremia Invest** 1984-85;8(2):79-84

POLYGALACTOSES see **GALACTANS**

POLYGALACTURONASE see under **GLYCOSIDE HYDROLASES**

POLYGELINE see under **POLYMERS**

POLYGLACTIN 910 see under **POLYMERS**

POLYGLUCOSES see **GLUCANS**

POLYGLUTAMIC ACID see under **PEPTIDES**

POLYGLYCOLIC ACID

Polyglycolic acid (Dexon) versus Mersilene in repair of inguinal hernia. Solhaug JH. **Acta Chir Scand** 1984; 150(5):385-7

Further evaluation of DEXON suture for cataract surgery: a study using 9-0 monofilament suture. Sherman SE. **Ann Ophthalmol** 1980 Sep;12(9):1099

Arterial regenerative activity after prosthetic implantation. Greisler HP, et al. **Arch Surg** 1985 Mar;120(3):315-23

The in vivo and in vitro degradation of poly(glycolic acid) suture material as a function of applied strain. Miller ND, et al. **Biomaterials** 1984 Nov;5(6):365-8

Carbon-PGLA prostheses for ligament reconstruction. Experimental basis and short-term results in man. Bercovy M, et al. **Clin Orthop** 1985 Jun;(196):159-68

Knot security of synthetic absorbable suture material; a comparison of polyglycolic acid and polyglactin-910. Trimbos JB, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Mar;19(3):183-90

The development of mechanical strength of surgically anastomosed arteries sutured with Dexon. Lee S, et al. **J Biomech** 1985;18(2):81-9

Efficacy of polyglycolic acid (PGA) tubing stents in ureteroureterostomies. Assimos DG, et al. **Urol Res** 1984; 12(6):291-3

[Absorbable synthetic sutures--polyglycolic acid] **Chung Hua Wai Ko Tsa Chih** 1984 Jun;22(6):377-80 **(Chi)**

[Dexon cerclage of the bones of the hand] Meyer-Clement M, et al. **Handchir Mikrochir Plast Chir** 1984 Sep; 16(3):189-91 (Eng. Abstr.) **(Ger)**

[Studies on the new anticancer preparation, 5-fluorouracil-polyglycolic acid-composite and its therapeutic evaluation] Hirano M. **Nippon Geka Gakkai Zasshi** 1984 Dec;85(12):1508-17 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Infections in neurosurgery: a randomized comparison between silk and polyglycolic acid. Blomstedt GC. **Acta Neurochir (Wien)** 1985;76(3-4):90-3

THERAPEUTIC USE

Efficacy of polyglycolic acid (Dexon) microsutures in peripheral nerve anastomoses in the rat: 2. Perineural suture. Lee S, et al. **Microsurgery** 1984;5(3):123-6

POLYGONUM

[Effect of alcoholic extract of prepared radix Polygoni multiflori on preventing atherosclerosis in Japanese quail] Wang W. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec; 4(12):748-50 (Eng. Abstr.) **(Chi)**

POLYHEDROSIS VIRUSES

ANALYSIS

[Physico-chemical characteristics of the DNA of the nuclear polyhedrosis virus of the moth Porthetria dispar L.] Cherepenko EI, et al. **Ukr Biokhim Zh** 1984 Nov-Dec; 56(6):614-9 (Eng. Abstr.) **(Rus)**

CLASSIFICATION

Production of polyhedrin monoclonal antibodies for distinguishing two Orgyia pseudotsugata baculoviruses. Quant RL, et al. **Appl Environ Microbiol** 1984 Oct; 48(4):732-6

ENZYMOLOGY

Comparison of the virus-associated polymerases of cytoplasmic polyhedrosis virus types 1 and 2. Mertens PP, et al. **Intervirology** 1984;22(2):104-9

GENETICS

The promoter of the late p10 gene in the insect nuclear polyhedrosis virus Autographa californica: activation by viral gene products and sensitivity to DNA methylation. Knebel D, et al. **EMBO J** 1985 May;4(5):1301–6

Baculovirus–mediated expression of bacterial genes in dipteran and mammalian cells. Carbonell LF, et al. **J Virol** 1985 Oct;56(1):153–60

Temporal regulation of baculovirus RNA: overlapping early and late transcripts. Friesen PD, et al. **J Virol** 1985 May; 54(2):392–400

Polyhedrin gene of Bombyx mori nuclear polyhedrosis virus. Iatrou K, et al. **J Virol** 1985 May;54(2):436–45

Conservation of genome organization in two multicapsid nuclear polyhedrosis viruses. Leisy DJ, et al. **J Virol** 1984 Nov;52(2):699–702

Transcription of overlapping sets of RNAs from the genome of Autographa californica nuclear polyhedrosis virus: a novel method for mapping RNAs. Lübbert H, et al. **J Virol** 1984 Oct;52(1):255–65

Gene assignments of a cytoplasmic polyhedrosis virus (type 2) from Nymphalis io. Pullin JS, et al. **Microbiologica** 1985 Apr;8(2):131–40

Production of human alpha–interferon in silkworm using a baculovirus vector. Maeda S, et al. **Nature** 1985 Jun 13–19; 315(6020):592–4

Transposon–mediated mutagenesis of a baculovirus. Fraser MJ, et al. **Virology** 1985 Sep;145(2):356–61

Phenotypic characterization and physical mapping of a temperature–sensitive mutant of Autographa californica nuclear polyhedrosis virus defective in DNA synthesis. Gordon JD, et al. **Virology** 1984 Oct 15;138(1):69–81

DNA homologies between the genomes of Choristoneura fumiferana and Autographa californica nuclear polyhedrosis viruses. Arif BM, et al. **Virus Res** 1985 Feb; 2(1):85–94

[Nuclear polyhedrosis viruses of insects] Kawarabata T. **Uirusu** 1984 Dec;34(2):73–88 (129 ref.) **(Jpn)**

GROWTH & DEVELOPMENT

Isolation of large and small plaque variants of the Autographa californica nuclear polyhedrosis virus. Brief report. Roberts PL. **Arch Virol** 1985;85(1–2):123–8

Induction of Spodoptera littoralis nuclear polyhedrosis virus in cell cultures. Saldanha JA, et al. **Arch Virol** 1985; 83(3–4):305–10

Infectivity assays for the Autographa californica nuclear polyhedrosis virus using Spodoptera littoralis cells. Roberts PL. **J Virol Methods** 1985 Jan;10(1):1–10

IMMUNOLOGY

Neutralisation of Trichoplusia ni nuclear polyhedrosis virus with antisera to two forms of the virus. Wang X, et al. **Microbiologica** 1985 Apr;8(2):141–9

RADIATION EFFECTS

Inactivation of nuclear polyhedrosis virus (Baculovirus subgroup A) by monochromatic UV radiation. Griego VM, et al. **Appl Environ Microbiol** 1985 Mar;49(3):709–10

POLYHYDROXYETHYL METHACRYLATE see under **POLYMETHACRYLIC ACIDS**

POLYISOCYANATES see **POLYURETHANES**

POLYISOPRENYL PHOSPHATE MONOSACCHARIDES see under **POLYISOPRENYL PHOSPHATE SUGARS**

POLYISOPRENYL PHOSPHATE OLIGOSACCHARIDES see under **POLYISOPRENYL PHOSPHATE SUGARS**

POLYISOPRENYL PHOSPHATE SUGARS

BIOSYNTHESIS

Dolichol–sugar derivative synthesis in human breast cancer cell line (T47D). Effects of estrogens and antiestrogens. Santa Cruz AR, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):382–8

Synthesis of retinyl phosphate mannose in vitro. Non–enzymic breakdown and reversibility. Creek KE, et al. **Biochem J** 1985 May 1;227(3):695–703

Effect of dexamethasone on the synthesis of dolichol–linked saccharides and glycoproteins in hepatocytes prepared from control and inflamed rats. Sarkar M, et al. **Biochem J** 1985 Apr 15;227(2):675–82

Fast atom bombardment and collisional activation mass spectrometry of retinyl phosphate mannose synthesized by liver membranes. Clifford AJ, et al. **Biomed Mass Spectrom** 1985 May;12(5):221–7

Deoxynojirimycin inhibits the formation of Glc3Man9GlcNAc2–PP–dolichol in intestinal epithelial cells in culture. Romero PA, et al. **FEBS Lett** 1985 Apr 8;183(1):29–32

Conversion of dolichyl pyrophosphate N,N'–diacetylchitobiose to lipid–tri– to heptasaccharides by liver microsomes from hibernating ground squirrels (Citellus citellus L.). Panayotov BN, et al. **Int J Biochem** 1985;17(6):713–7

A single enzyme catalyzes the synthesis of the mannosylphosphoryl derivative of dolichol and retinol in rat liver and Chinese hamster ovary cells. Stoll J, et al. **J Biol Chem** 1985 Jan 10;260(1):232–6

CHEMICAL SYNTHESIS

[Specificity of enzymes of biosynthesis of Salmonella anatum O–antigen for polyprenyl derivatives of different chain length and saturation] Kalinchuk NA, et al. **Bioorg Khim** 1985 Feb;11(2):219–26 (Eng. Abstr.) **(Rus)**

[Synthesis of moraprenylpyrophosphate disaccharides––precursors of the biosynthesis of Salmonella O–antigenic polysaccharides of C2 and C3 serotypes] Torgov VI, et al. **Bioorg Khim** 1985 Jan;11(1):83–90 (Eng. Abstr.) **(Rus)**

METABOLISM

Dolichols and enzymatic formation of dolichyl phosphate sugars in the thymus of mice on neoplastic transformation. Szkopińska A, et al. **Acta Biochim Pol** 1985;32(1):63–70

Spatial aspects of mannosyl phosphoryl retinol formation. Frot–Coutaz J, et al. **Biochim Biophys Acta** 1985 Sep 6; 841(3):299–305

Biosynthesis of the O9 antigen of Escherichia coli. Synthetic glycosyldiphosphomoraprenols as probes for requirement of mannose acceptors. Jann K, et al. **Eur J Biochem** 1985 Sep 2;151(2):393–7

Transfer of oligosaccharide from oligosaccharide pyrophosphoryl dolichol to endogenous acceptor proteins in human breast malignant and normal tissues. Santa Cruz AR, et al. **Experientia** 1985 Jul 15;41(7):928–9

Conversion of dolichyl pyrophosphate N,N'–diacetylchitobiose to lipid–tri– to heptasaccharides by liver microsomes from hibernating ground squirrels (Citellus citellus L.). Panayotov BN, et al. **Int J Biochem** 1985;17(6):713–7

Trypanosoma cruzi cells undergo an alteration in protein N–glycosylation upon differentiation. Engel JC, et al. **J Biol Chem** 1985 Aug 25;260(18):10105–10

Transient methylation of dolichyl oligosaccharides is an obligatory step in halobacterial sulfated glycoprotein biosynthesis. Lechner J, et al. **J Biol Chem** 1985 Jul 25; 260(15):8984–9

POLYISOPRENYL PHOSPHATES

Cyclization of farnesyl pyrophosphate to the sesquiterpene olefins humulene and caryophyllene by an enzyme system from sage (Salvia officinalis). Croteau R, et al. **Arch Biochem Biophys** 1984 Sep;233(2):838–41

ANALYSIS

Biosynthesis of sulfated saccharides N–glycosidically linked to the protein via glucose. Purification and identification of sulfated dolichyl monophosphoryl tetrasaccharides from halobacteria. Lechner J, et al. **J Biol Chem** 1985 Jan 25; 260(2):860–6

BIOSYNTHESIS

Purification of farnesylpyrophosphate synthetase by affinity chromatography. Bartlett DL, et al. **Methods Enzymol** 1985;110:171–84

Nonaprenylpyrophosphate synthetase from Micrococcus luteus. Sagami H, et al. **Methods Enzymol** 1985;110:206–9

Geranylpyrophosphate synthetase–geranylgeranylpyrophosphate synthetase from Micrococcus luteus. Sagami H, et al. **Methods Enzymol** 1985;110:188–92

CHEMICAL SYNTHESIS

Synthesis of allylic and homoallylic isoprenoid pyrophosphates. Davisson VJ, et al. **Methods Enzymol** 1985;110:130–44

ISOLATION & PURIFICATION

Extraction of dolichyl phosphate and its quantitation by straight–phase high–performance liquid chromatography. Keller RK, et al. **Anal Biochem** 1985 May 15;147(1):166–73

Isolation and assay of dolichol and dolichyl phosphate. Adair WL, et al. **Methods Enzymol** 1985;111:201–15

Separation of mevalonate phosphates and isopentenyl pyrophosphate by thin–layer chromatography and of short–chain prenyl phosphates by ion–pair chromatography on a high–performance liquid chromatography column. Beyer P, et al. **Methods Enzymol** 1985;111:248–52

METABOLISM

Dolichols and enzymatic formation of dolichyl phosphate sugars in the thymus of mice on neoplastic transformation. Szkopińska A, et al. **Acta Biochim Pol** 1985;32(1):63–70

beta–Adrenergic activation of glycosyltransferases in the dolichylmonophosphate–linked pathway of protein N–glycosylation. Banerjee DK, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):123–9

Reaction of optically active S– and R–forms of dolichyl phosphates with activated sugars. Löw P, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):460–6

Spatial aspects of mannosyl phosphoryl retinol formation. Frot–Coutaz J, et al. **Biochim Biophys Acta** 1985 Sep 6; 841(3):299–305

Quantitation of excretion of dolichol and dolichyl phosphate from the rat. Connelly LW, et al. **Biosci Rep** 1984 Sep; 4(9):771–6

Gorgosterol biosynthesis: localization of squalene formation in the zooxanthellar component of various gorgonians. Anderson DG. **Comp Biochem Physiol [B]** 1985;81(2):423–8

Biosynthesis of lipid–linked oligosaccharides by microsomes from virus induced Hepatoma MC–29. Dependence of some glycosyl transferases on dolichyl phosphates of different chain length. Tosheva RT, et al. **Int J Biochem** 1985;17(1):135–8

Stereochemistry at C–1 of geranyl pyrophosphate and neryl pyrophosphate in the cyclization to (+)– and (–)–bornyl pyrophosphate. Croteau R, et al. **J Biol Chem** 1985 May 25;260(10):5956–62

Enzymatic hydrolysis of polyprenyl pyrophosphates. Koyama T, et al. **Methods Enzymol** 1985;110:153–5

PHARMACODYNAMICS

The influence of dolichol, dolichol esters, and dolichyl phosphate on phospholipid polymorphism and fluidity in model membranes. Valtersson C, et al. **J Biol Chem** 1985 Mar 10;260(5):2742–51

PHYSIOLOGY

Regulation of dolichyl phosphate–mediated protein glycosylation: estrogen effects on glucosyl transfers in oviduct membranes. Starr CM, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):261–70

POLYLYSINE see under **PEPTIDES**

POLYMENORRHEA see under **MENSTRUATION DISORDERS**

POLYMERS

see related
MACROMOLECULAR SYSTEMS

Evaluation of a peritoneal dialysis solution containing polymer. Rubin J, et al. **Am J Med Sci** 1985 Jan;289(1):12–6

Lactomer copolymer absorbable staples in gastrointestinal surgery. Hirashima T, et al. **Am J Surg** 1985 Sep; 150(3):381–5

Synthetic polymers: a possible source of phantoms for NMR imaging. Segre AL. **Ann Ist Super Sanita** 1983;19(1):169–72

Macromolecules as drugs and as carriers for biologically active materials. **Ann NY Acad Sci** 1985;446:1–458

Molecular recognition, catalysis, and transport in polymerized surfactant vesicles. Fendler JH. **Ann NY Acad Sci** 1985;446:308–18

Polymeric phospholipids as new biomaterials. Hayward JA, et al. **Ann NY Acad Sci** 1985;446:267–81

Preparation and characterization of polymerized liposomes. O'Brien DF, et al. **Ann NY Acad Sci** 1985;446:282–95

The role of cross–links, entanglements, and relaxations of the macromolecular carrier in the diffusional release of biologically active materials. Conceptual and scaling relationships. Peppas NA, et al. **Ann NY Acad Sci** 1985; 446:26–41

pH sensitization of phospholipid vesicles via complexation with synthetic poly(carboxylic acid)s. Tirrell DA, et al. **Ann NY Acad Sci** 1985;446:237–48

The evaluation of various bioabsorbable materials on the titanium fiber metal tracheal prosthesis. Mendak SH Jr, et al. **Ann Thorac Surg** 1984 Nov;38(5):488–93

Evaluation of the thrombogenicity of selected microporous oxygenator membranes. Knight PM, et al. **Artif Organs** 1985 Feb;9(1):28–36

Mass transfer characterization of a new polysulfone membrane. Schneider H, et al. **Artif Organs** 1985 May; 9(2):180–3

Water–soluble synthetic polymers in immunology and biomedicine. Molyneux P. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):301–10 (73 ref.)

Impact testing of a polysulphone denture base polymer. Price CA, et al. **Aust Dent J** 1984 Dec;29(6):398–403

Protein and platelet interactions with polymer surfaces. Absolom DR, et al. **Biomater Med Devices Artif Organs** 1984–85; 12(3–4):235–66

Blood–material interaction. Jayakumari N. **Biomater Med Devices Artif Organs** 1984–85; 12(3–4):97–112

Protein and platelet interaction with polymer surfaces––a comment. Sharma CP. **Biomater Med Devices Artif Organs** 1984–85; 12(3–4):267–71

Complement activation by polymer binding IgG. Uchida T, et al. **Biomaterials** 1984 Sep;5(5):281–3

Diethylstilboestrol: the binding and effects of diethylstilboestrol upon the polymerisation and depolymerisation of purified microtubule protein in vitro. Sharp DC, et al. **Carcinogenesis** 1985 Jun;6(6):865–71

Preparation and evaluation in vitro and in vivo of polylactic acid microspheres containing doxorubicin. Juni K, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):313–8

Carbon–PGLA prostheses for ligament reconstruction. Experimental basis and short–term results in man. Bercovy

M, et al. **Clin Orthop** 1985 Jun;(196):159-68

Polylactate-coated carbon fiber in extra-articular reconstruction of the unstable knee. King JB, et al. **Clin Orthop** 1985 Jun;(196):139-42

Rotator cuff repair with carbon filament. A preliminary report of five cases. Post M. **Clin Orthop** 1985 Jun;(196):154-8

Treatment of chronic anterior knee instabilities with combined intra- and extra articular transfer augmented with carbon-PLA fibers. Witvoet J, et al. **Clin Orthop** 1985 Jun;(196):143-53

Effect of protein adsorption on diffusive and convective transport through polysulfone membranes. Bosch T, et al. **Contrib Nephrol** 1985;46:14-22

Permeability for middle and higher molecular weight substances. Comparison between polysulfone and cuprophan dialyzers. Brunner H, et al. **Contrib Nephrol** 1985;46:33-42

Hemodynamic studies in chronic dialysis patients with a polysulfone hemodiafilter. Jahn H, et al. **Contrib Nephrol** 1985;46:151-61

Investigation of the permeability of highly permeable polysulfone membranes for pyrogens. Klinkmann H, et al. **Contrib Nephrol** 1985;46:174-83

Clinical tolerance test of a new polysulfone membrane. Piazolo P, et al. **Contrib Nephrol** 1985;46:118-26

Hemodynamic studies of diffusive and convective procedures using a polysulfone membrane. Schneider H, et al. **Contrib Nephrol** 1985;46:134-50

The development of a polysulfone membrane. A new perspective in dialysis? Streicher E, et al. **Contrib Nephrol** 1985;46:1-13

Performance characteristics of the hemoflow F 60 in high-flux hemodiafiltration. von Albertini B, et al. **Contrib Nephrol** 1985;46:169-73

Removal of hormones by hemofiltration and hemodialysis with a highly permeable polysulfone membrane. Wizemann V, et al. **Contrib Nephrol** 1985;46:61-8

Knot security of synthetic absorbable suture material; a comparison of polyglycolic acid and polyglactin-910. Trimbos JB, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Mar;19(3):183-90

Thiophilic adsorption--a new method for protein fractionation. Porath J, et al. **FEBS Lett** 1985 Jun 17;185(2):306-10

Sorbothotics, soft tissue supplement orthoses. Niehaus LP. **J Am Podiatr Med Assoc** 1985 Jan;75(1):46-7

Use of TSK-SW columns for the high-performance liquid chromatographic analysis of proteins, isolated from sympathetic nerves and fractionated by fractogel TSK-HW chromatography. Purification of L-DOPA decarboxylase. Husseini HS, et al. **J Chromatogr** 1984 Aug 3;297:375-83

Polymers in the service of prosthetic dentistry. Ping Chaing BK. **J Dent** 1984 Sep;12(3):203-14

The removal of hepatitis B virus from factor VIII concentrates by fractionation on ethylene maleic anhydride polyelectrolyte. Galpin SA, et al. **J Med Virol** 1984;14(3):229-33

Formation of encapsulated hydrophilic polymer beads by combined techniques of bead polymerization and phase separation. Suryakusuma H, et al. **J Pharm Pharmacol** 1984 Aug;36(8):493-6

Binding parameters of interactions of monomer-polymer systems based on quenching of their completely overlapped fluorescence: a theory. Borazan HN. **J Pharm Sci** 1984 Dec;73(12):1815-8

Sintering technique for the preparation of polymer matrices for the controlled release of macromolecules. Cohen J, et al. **J Pharm Sci** 1984 Aug;73(8):1034-7

Solubility properties in polymers and biological media 5: an analysis of the physicochemical properties which influence octanol-water partition coefficients of aliphatic and aromatic solutes. Taft RW, et al. **J Pharm Sci** 1985 Aug;74(8):807-14

Biodegradable implants in fracture fixation: early results of treatment of fractures of the ankle. Rokkanen P, et al. **Lancet** 1985 Jun 22;1(8443):1422-4

On the adsorbing properties of activated carbon by coating with various polymer materials. Mateva R, et al. **Life Support Syst** 1984 Oct-Dec;2(4):304-6

Permeation of lipophilic drugs through synthetic elastomers. Bruck SD, et al. **Med Prog Technol** 1983-84;10(3):161-9

Substitution of a starch polymer for glucose in peritoneal dialysis. Rubin J, et al. **Nephron** 1985;39(1):40-6

Prevention of ocular gunshot injuries using polycarbonate lenses. Simmons ST, et al. **Ophthalmology** 1984 Aug;91(8):977-83

Analysis of Fickian and non-Fickian drug release from polymers. Peppas NA. **Pharm Acta Helv** 1985;60(4):110-1

Preseptal cellulitis in frontalis suspension for congenital ptosis [letter] Hornblass A, et al. **Plast Reconstr Surg** 1984 Oct;74(4):574-5

A new synthetic monofilament absorbable suture made from polytrimethylene carbonate. Katz AR, et al. **Surg Gynecol Obstet** 1985 Sep;161(3):213-22

The effect of synthetic polymer surfaces on the activation of factor XI in plasma: influence of heparin. Mannhalter C, et al. **Thromb Res** 1984 Sep 15;35(6):713-8

Extending the functional life of bioresorbable yarns for vascular grafts. Galletti PM, et al. **Trans Am Soc Artif Intern Organs** 1984;30:399-400

A comparison of glucose polymer and dextrose containing dialysate in CAPD patients. Gross ML, et al. **Trans Am Soc Artif Intern Organs** 1984;30:483-5

The correction of refractive errors with polysulfone corneal inlays. A new frontier to be explored? Choyce DP. **Trans Ophthalmol Soc UK** 1985;104 (Pt 3):332-42

Polysulfone corneal inlays. Adverse reactions: a preliminary report. Kirkness CM, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 3):343-50

[Value of delayed-absorption mesh in abdominal surgery. Clinical study, apropos of 55 case] Dumeige F, et al. **Ann Chir** 1985 Feb;39(1):47-53 (Eng. Abstr.) **(Fre)**

[Effect of plasticizers on the glass transition temperature of gastroresistant enterosoluble polymers] Dechesne JP, et al. **J Pharm Belg** 1984 Nov-Dec;39(6):341-7 (Eng. Abstr.) **(Fre)**

[Regeneration of the trachea following partial or total replacement by synthetic resorbable material (polyglactin 910)] Greve H, et al. **Langenbecks Arch Chir** 1985;363(4):273-82 (Eng. Abstr.) **(Ger)**

[Preparation of soluble drug bead polymerisates as the basis of epoxide resins] Mank R, et al. **Pharmazie** 1985 Jun;40(6):404-5 (Eng. Abstr.) **(Ger)**

[Glow polymers--new materials for surface finishing of implants] Poll HU. **Z Exp Chir Transplant Kunstliche Organe** 1984;17(6):305-15 (Eng. Abstr.) **(Ger)**

[Use of absorbable suture material in dermatologic surgery] Breuninger H, et al. **Z Hautkr** 1985 Mar 1;60(5):453-7 (Eng. Abstr.) **(Ger)**

[Temporary covering in the surgery of skin tumors] Petres J, et al. **Z Hautkr** 1985 Jan;60(1-2):185-96 (Eng. Abstr.) **(Ger)**

[Artificial mesh as an aid in abdominal wall closure in postoperative peritonitis, postoperative abdominal wall dehiscence and reconstruction of the abdominal wall] Gross E, et al. **Zentralbl Chir** 1984;109(19):1238-50 (Eng. Abstr.) **(Ger)**

[Experimental studies on polyacetal composites for joint prosthesis] Maeda M. **Nippon Seikeigeka Gakkai Zasshi** 1984 Sep;58(9):919-36 (Eng. Abstr.) **(Jpn)**

[Graft polymerization onto poly(methylvinylsiloxane)-bonded silica gel by gamma-ray irradiation] Yamakita H, et al. **Radioisotopes** 1984 Aug;33(8):513-8 (Eng. Abstr.) **(Jpn)**

[Gas chromatographic determination of micro-quantities of ethylene oxide in polymeric articles for medical use] Baranova NI, et al. **Gig Sanit** 1985 Apr;(4):64-6 **(Rus)**

[Predicting the toxic effect of combustion products of polymeric materials] Eltingon AI. **Gig Sanit** 1985 Apr;(4):20-3 (Eng. Abstr.) **(Rus)**

[Diffusion of formaldehyde in polymers for medical purposes] Likhtman TV, et al. **Gig Sanit** 1984 Oct;(10):77-9 **(Rus)**

[Polymer fibers in surgery. II] Privalova LG, et al. **Polim Med** 1984;14(1-4):37-54 (Eng. Abstr.) **(Rus)**

[Biodegradable co-polymers of amino acids and synthetic polymers] Lipatova TE, et al. **Ukr Biokhim Zh** 1984 Sep-Oct;56(5):562-76 (90 ref.) (Eng. Abstr.) **(Rus)**

[Use of a biocompatible antimicrobial polymer film for the prevention of incompetence of intestinal sutures in peritonitis] Polous IuM, et al. **Vestn Khir** 1985 Mar;134(3):55-7 (Eng. Abstr.) **(Rus)**

[Nonsurgical method of stabilizing the sclera in progressive myopia] Avetisov ES, et al. **Vestn Oftalmol** 1985 Mar-Apr;101(2):31-6 (Eng. Abstr.) **(Rus)**

[Polymerization of Straub's actin in patients with myocardial infarction and in experimental occlusion of coronary arteries] Karsanov NV, et al. **Vopr Med Khim** 1985 May-Jun;31(3):53-7 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Synthetic polymers as drugs. Albertsson AC, et al. **Ann NY Acad Sci** 1985;446:105-15

Physical and biological properties of cyclopolymers related to DIVEMA ('pyran copolymer'). Butler GB, et al. **Ann NY Acad Sci** 1985;446:149-59

Daunorubicin-albumin copolymer targeting to leukemic cells in vitro and in vivo. Lagueux J, et al. **Semin Oncol** 1984 Dec;11(4 Suppl 3):59-63

[Problems of control of polymers used in drug technology] Krówczyński L. **Polim Med** 1984;14(1-4):5-12 (Eng. Abstr.) **(Pol)**

[Use of antimicrobial polymers in emergency vascular surgery] Popous IuM, et al. **Klin Khir** 1985 Apr;(4):56-8 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Adhesion formation and histologic reaction with polydioxanone and polyglactin suture. Neff MR, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):20-3

Adverse response to endodontic material containing paraformaldehyde. Fanibunda KB. **Br Dent J** 1984 Oct 6;157(7):231-5

'Adverse response to endodontic material containing paraformaldehyde' [letter] Lilley JD, et al. **Br Dent J** 1984 Nov 24;157(10):340

Adverse response to endodontic material containing paraformaldehyde [letter] Mehta F. **Br Dent J** 1985 Jan 19;158(2):39

Mortality and incidence of cancer of workers in the man made vitreous fibres producing industry: an international investigation at 13 European plants. Saracci R, et al. **Br J Ind Med** 1984 Nov;41(4):425-36

Contact allergy to phenol-formaldehyde resins. Bruze M, et al. **Contact Dermatitis** 1985 Feb;12(2):81-6

Phenolformaldehyde resin in paper. Malten KE, et al. **Contact Dermatitis** 1984 Aug;11(2):127-8

Polymers in contact lenses: an overview. Refojo MF. **Curr Eye Res** 1985 Jun;4(6):719-23

Polysulfone corneal inlays [letter] Kirkness CM, et al. **Lancet** 1985 Apr 6;1(8432):811

[Unusual foreign body causing ileus of the small intestine] Furucz E, et al. **Orv Hetil** 1985 Jun 16;126(24):1483-4 (Eng. Abstr.) **(Hun)**

[Predicting sanitary-chemical properties of polymers] Chekal' VN, et al. **Gig Sanit** 1985 Jan;(1):21-2 (Eng. Abstr.) **(Rus)**

[Hygienic evaluation of new technological processes and equipment in chemical fiber production] Kasparov AA, et al. **Gig Sanit** 1985 Jan;(1):23-5 (Eng. Abstr.) **(Rus)**

[Allergic properties of polymer materials and their components] Vinogradov GI, et al. **Gig Sanit** 1984 Aug;(8):71-4 (25 ref.) **(Rus)**

ANALYSIS

Californium-252 plasma-desorption mass spectrometry of polymethylenediamine-linked enkephalin peptides. Fales HM, et al. **Anal Chem** 1985 Jul;57(8):1616-21

On the occurrence of polymers of H1, H1(0) and H5 in extracts of whole tissues. Artificial production during protein preparation. Smith BJ, et al. **Biochim Biophys Acta** 1984 Nov 23;791(1):50-6

Studies on microcapsules. III. Influence of molecular weight of polyisobutylene in the microencapsulation of ascorbic acid. Koida Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Dec;32(12):4971-8

Gradient LC separation of macromolecules: theory and mechanism. Armstrong DW, et al. **J Chromatogr Sci** 1984 Sep;22(9):378-85

Extracellular polymer of Candida albicans: isolation, analysis and role in adhesion. McCourtie J, et al. **J Gen Microbiol** 1985 Mar;131 (Pt 3):495-503

[Synthesis, characterization and application of polyglycerols and polyglycerol fatty acid esters] Behrens H, et al. **Nahrung** 1984;28(8):815-35 (82 ref.) (Eng. Abstr.) **(Ger)**

[Distribution of polyanions in glomerular basement membrane of various experimental models of glomerulonephritis in rats] Hanzawa S, et al. **Nippon Jinzo Gakkai Shi** 1984 Jun;26(6):703-10 (Eng. Abstr.) **(Jpn)**

[Glomerular polyanion and beta-glucuronidase--histochemical studies of glomerular diseases] Tsuji M. **Nippon Naika Gakkai Zasshi** 1984 May;73(5):589-97 **(Jpn)**

BLOOD

Pituitary dwarfism in a patient with circulating abnormal growth hormone polymers. Valenta LJ, et al. **N Engl J Med** 1985 Jan 24;312(4):214-7

CHEMICAL SYNTHESIS

Synthesis of biodegradable addition polymers. Bailey WJ, et al. **Ann NY Acad Sci** 1985;446:42-50

Some biologically active poly(thiosemicarbazides). Donaruma LG, et al. **Ann NY Acad Sci** 1985;446:116-33

Surface modification of polycarbonate with synthetic polyelectrolyte-anticoagulant activity. Sharma CP, et al. **Biomater Med Devices Artif Organs** 1984-85;12(3-4):215-33

Synthesis and characterization of poly(amido-amine)s belonging to two different homologous series. Tanzi MC, et al. **Biomaterials** 1984 Nov;5(6):357-61

On the antimicrobial activity of some new poly[2,6-bis(methyleneaminomethyl)-4-methyl]phenols and their N-iodoethylated salts. Ghedini N, et al. **Farmaco [Sci]** 1985 Feb;40(2):102-7

The preparation and characterization of poly(D,L-lactic acid) for use as a biodegradable drug carrier. Rak J, et al. **Pharm Acta Helv** 1985;60(5-6):162-9

DIAGNOSTIC USE

The use of cationic polyelectrolytes in the preparation of cell monolayers for automated cell scanning and diagnostic cytopathology. Watts KC, et al. **Anal Quant Cytol** 1984 Dec;6(4):272-8

Myocardial perfusion imaging in humans by contrast echocardiography using polygelin colloid solution. Santoso T, et al. **J Am Coll Cardiol** 1985 Sep;6(3):612-20

Personal ultraviolet radiation dosimetry with polysulphone film badges. Diffey B. **Photodermatol** 1984 Jun;1(3):151-7

[Method of preparing an allergen from uncured polymers in the allergic diagnosis of occupational dermatoses] Bozhefatov AS, et al. **Vestn Dermatol Venerol** 1985 Jun;(6):15-7 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Immunomodulation and antitumor effects of MVE-2 in mice. Talmadge JE, et al. **J Biol Response Mod** 1984 Dec;3(6):634-52

[Antibody-stimulating and protective effect of a conjugate of the influenza virus M protein with a synthetic polymer] Petrov RV, et al. **Dokl Akad Nauk SSSR** 1984;277(3):720-2

(Rus)

[Effect of synthetic polymers on the formation of carcinogen-protein antigens in the early stages of carcinogenesis] Korosteleva TA, et al. **Eksp Onkol** 1985; 7(1):68-70 (Eng. Abstr.) (Rus)

ISOLATION & PURIFICATION

Large scale preparation of selected glucose oligomers and polymers by gel filtration chromatography. Sloan HR, et al. **Prep Biochem** 1984 Aug;14(3):245-56

METABOLISM

Nutritional consequences of the reactions between proteins and oxidized polyphenolic acids. Hurrell RF, et al. **Adv Exp Med Biol** 1984;177:423-35

Kinetics of citrate-induced activation and polymerization of chick liver acetyl-CoA carboxylase. Beaty NB, et al. **Ann NY Acad Sci** 1985;447:23-37

Progress in model studies of cellular uptake. Rypáček F, et al. **Ann NY Acad Sci** 1985;446:258-66

Phosphatidyl glycerolphosphate serves as glycerolphosphate donor in polymer synthesis. Chiu TH, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):906-12

Polymerization of N-(1-pyrenyl) iodoacetamide-labelled actin: the fluorescence signal is not directly proportional to the incorporation of the monomer into the polymer. Grazi E. **Biochem Biophys Res Commun** 1985 May 16; 128(3):1058-63

Occurrence of a polyubiquitin structure in ubiquitin-protein conjugates. Hershko A, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1079-86

Respiration induces variable porosity to polyols in the mitochondrial inner membrane. Sambasivarao D, et al. **Biochim Biophys Acta** 1985 Feb 22;806(2):195-209

Retention and biliary excretion of poly-alpha, beta-[N(2-hydroxyethyl)-D,L-aspartamide] (PHEA) and its tyramine derivative (PHEA-Tyr) by isolated perfused rat liver. The role of molecular weight and chemical structure. Rypáček F, et al. **Biomaterials** 1985 May; 6(3):203-7

Disposition of a ^{14}C-labeled bioerodible polyorthoester and its hydrolysis products, 4-hydroxybutyrate and cis,trans-1,4-bis(hydroxymethyl)cyclohexane, in rats. Sendelbeck SL, et al. **Drug Metab Dispos** 1985 May-Jun; 13(3):291-5

Investigation of thermic transition and renaturation of high polymerized DNA extracted from thyroid nodule. Bistriceanu M, et al. **Endocrinologie** 1985 Apr-Jun; 23(2):115-9

Evidence for two oxygen-linked binding sites for polyanions in dromedary hemoglobin. Amiconi G, et al. **Eur J Biochem** 1985 Jul 15;150(2):387-93

Competition between decavanadate and fluorescein isothiocyanate on the Ca2+-ATPase of sarcoplasmic reticulum. Csermely P, et al. **Eur J Biochem** 1985 Aug 1;150(3):455-60

Characteristics of the binding of aminoglycoside antibiotics to teichoic acids. A potential model system for interaction of aminoglycosides with polyanions. Kusser W, et al. **Eur J Biochem** 1985 Sep 16;151(3):601-5

The binding of vanadium (V) oligoanions to sarcoplasmic reticulum. Varga S, et al. **Eur J Biochem** 1985 Apr 1; 148(1):119-26

On the interaction of histones with polyanions. Stros M, et al. **Gen Physiol Biophys** 1984 Aug;3(4):307-16

An introduction to phenol formaldehyde resin vulcanizing agents. Preston WA, et al. **J Parenter Sci Technol** 1984 Nov-Dec;38(6):237-45

Axonal transport and nerve conduction and their relation to nerve polyol and myo-inositol levels in spontaneously diabetic BB/D rats. Mayer JH, et al. **Neurochem Pathol** 1984-85 Winter;2(4):285-93

Chemical modifications of metallothionein, II. Metabolic fate of cadmium bound to metallothionein polymers. Templeton DM, et al. **Toxicol Lett** 1985 Jun;25(3):279-86

[Enhanced selectivity of the activity of proteolytic enzymes covalently immobilized in a matrix of polymer hydrogels] Platé NA, et al. **Dokl Akad Nauk SSSR** 1985;282(4):1010-3 (Rus)

[Excretion of proxanol, a component of perfluorocarbon-based blood substitutes, from the bodies of animals] Sedova LA, et al. **Gematol Transfuziol** 1984 Sep;29(9):36-8 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Macrophage activation and antitumor activity of cyclohexyl-1,3-dioxepin and 4-methyl-2-pentonyl maleic anhydride copolymers. Kaplan AM, et al. **Ann NY Acad Sci** 1985;446:169-84

Inhibition of DNA-dependent RNA polymerase from Escherichia coli by pyran copolymer. O'Connor DL, et al. **Biochem Int** 1983 Apr;6(4):489-96

Do vanadate polyanions inhibit phosphotransferase enzymes? Boyd DW, et al. **Biochim Biophys Acta** 1985 Mar 1; 827(3):472-5

Effect of anionic polymeric hydrogels on spermatozoa motility. Singh H, et al. **Biomaterials** 1984 Sep;5(5):307-9

The influence of the polyphenols of cider on plasmin and plasminogen activators. Ogston D, et al. **Br J Haematol** 1985 Aug;60(4):705-13

In vivo modulation of myelopoiesis and immune functions by maleic anhydride divinyl ether copolymer (MVE-2) in tumor-free and MBL-2 tumor-bearing mice treated with cyclophosphamide. Schlick E, et al. **Cancer Res** 1985 Mar; 45(3):1108-14

Development of hyporesponsiveness to augmentation of natural killer cell activity after multiple doses of maleic anhydride divinyl ether: association with decreased numbers of large granular lymphocytes. Saito T, et al. **Cell Immunol** 1985 Feb;90(2):577-89

Increased rate of peripheral nerve regeneration using bioresorbable nerve guides and a laminin-containing gel. Madison R, et al. **Exp Neurol** 1985 Jun;88(3):767-72

Dietary phenolics and betel nut extracts as modifiers of N-nitrosation in rat and man. Stich HF, et al. **IARC Sci Publ** 1984;(57):213-22

Soluble non-cross-linked peptidoglycan polymers stimulate monocyte-macrophage inflammatory functions. Gold MR, et al. **Infect Immun** 1985 Sep;49(3):731-41

Increased local complement levels upon intraperitoneal injection of mice with Listeria monocytogenes and regulation by polyanions. Klerx JP, et al. **Infect Immun** 1985 Sep;49(3):841-3

Bimodal effects of MVE-2 on cytotoxic activity of natural killer cell and macrophage tumoricidal activities. Piccoli M, et al. **Int J Immunopharmacol** 1984;6(6):569-76

Inhibition of human serum RNase activity by aurine tricarboxylic acid polymer: effect on the antigen-antibody reaction. Kumar A, et al. **J Appl Biochem** 1984 Feb-Apr; 6(1-2):76-9

Decavanadate is responsible for vanadate-induced two-dimensional crystals in sarcoplasmic reticulum. Maurer A, et al. **J Bioenerg Biomembr** 1984 Dec; 16(5-6):491-505

In situ activation of murine peritoneal macrophages by cyclohexyl-1,3-dioxepin and 4-methyl-2-pentenoyl maleic anhydride copolymers. Kuus K, et al. **J Biol Response Mod** 1985 Feb;4(1):46-59

Improvement of mechanical properties of acrylic bone cement by fiber reinforcement. Saha S, et al. **J Biomech** 1984;17(7):467-78

Augmentation of organ-associated natural killer activity by biological response modifiers. Isolation and characterization of large granular lymphocytes from the liver. Wiltrout RH, et al. **J Exp Med** 1984 Nov 1; 160(5):1431-49

Enhancement of aortic blood flow with a linear anionic macropolymer of extraordinary molecular length. Polimeni PI, et al. **J Mol Cell Cardiol** 1985 Jul;17(7):721-4

The effect of polycations on the activity of pepsin. Lawton JB, et al. **J Pharm Pharmacol** 1985 Jun;37(6):396-400

Antitumor activity of sarcolysin containing crosslinked copolymers in mice. Popov DV. **Neoplasma** 1985; 32(3):375-9

Glucose polymers enhance the intestinal absorption of calcium. **Nutr Rev** 1985 Jul;43(7):200-1

Vaccine adjuvant effects, and immune response, to synthetic polymers MVE and poly ICLC. Chirigos MA, et al. **Prog Clin Biol Res** 1984;161:467-79

Biological characterization of MVE-2 and poly ICLC. Schlick E, et al. **Prog Clin Biol Res** 1984;161:511-24

Modification of the pharmacokinetics of MVE-2 to enhance its effects on host resistance. Shopp GM, et al. **Prog Clin Biol Res** 1984;161:501-9

Magnetic monosized polymer particles for fast and specific fractionation of human mononuclear cells. Lea T, et al. **Scand J Immunol** 1985 Aug;22(2):207-16

Cell fusion and cell agglutination: enhancing effect by a combined use of lectin and polycation. Matsuya Y, et al. **Somatic Cell Mol Genet** 1985 May;11(3):247-55

[Are lamp-polymerizable composites really superior to conventional composites?] Buquet J. **Rev Odontostomatol (Paris)** 1984 Jul-Aug;13(4):255-61 (Fre)

[Effect of the quaternary ammonium salts of the monodisperse oligomers of conidine on a mast cell population] Efimov VS, et al. **Farmakol Toksikol** 1984 Nov-Dec;47(6):50-3 (Eng. Abstr.) (Rus)

STANDARDS

A comparison of athletic mouthguard materials. Chaconas SJ, et al. **Am J Sports Med** 1985 May-Jun;13(3):193-7

[Technic of chromatography in a thin-layer of sorbent in the sanitary chemistry of polymers] Kataeva SE. **Gig Sanit** 1984 Sep;(9):51-3 (Rus)

THERAPEUTIC USE

Polyglactin 910 (Vicryl) mesh graft for protection of esophagogastrostomy. A preliminary report. Arndt M, et al. **Acta Chir Scand** 1985;151(1):93-6

Effects of 5-aza-2'-deoxycytidine in combination with the biochemical modulator thymidine or the immune modulator pyran copolymer on L1210 leukemia-bearing mice. Zaharko DS, et al. **Cancer Treat Rep** 1984 Oct; 68(10):1255-64

The concept of an artificial tympanic membrane. Feenstra L, et al. **Clin Otolaryngol** 1984 Aug;9(4):215-20

Reduced incidence of rat colon cancer metastases by perioperative immunostimulation with maleic anhydride-divinyl ether-2 (MVE-2). Weese JL, et al. **Dis Colon Rectum** 1985 Apr;28(4):217-21

Vicryl (polyglactin 910) mesh as a dural substitute. Maurer PK, et al. **J Neurosurg** 1985 Sep;63(3):448-52

Topical therapy for dry eyes. Gilbard JP. **Trans Ophthalmol Soc UK** 1985;104 (Pt 4):484-8 (21 ref.)

Polycation as an alternative osmotic agent and phosphate binder in peritoneal dialysis. McGary TJ, et al. **Uremia Invest** 1984-85;8(2):79-84

[Value of a relaxing incision and compensation of the aponeurotic defect with ampoxen in an operation for hernia] Belchev B, et al. **Khirurgiia (Sofiia)** 1984; 37(6):529-31 (Eng. Abstr.) (Bul)

[Clinical laboratory studies before and after liver resection using antimicrobial polycaproamide mesh and sutures made in Bulgaria in an experiment] Penchev R, et al. **Khirurgiia (Sofiia)** 1984;37(5):338-44 (Eng. Abstr.) (Bul)

[Absorbable synthetic mesh in abdominal surgery. Indications, operative procedures and results] Eigler FW, et al. **Chirurg** 1985 Jun;56(6):376-81 (Eng. Abstr.) (Ger)

[New materials for fixing bandages and therapeutic devices] Vilenskiĭ VIa, et al. **Ortop Travmatol Protez** 1984 Nov; (11):73-4 (Rus)

TOXICITY

Chemistry and safety of plant polyphenols. Deshpande SS, et al. **Adv Exp Med Biol** 1984;177:457-95 (176 ref.)

The toxicity of smoke from polymeric materials during thermal decomposition. Alarie Y. **Annu Rev Pharmacol Toxicol** 1985;25:325-47 (50 ref.)

Tissue reaction to a failed Bion hip prosthesis in a dog. Cook SD, et al. **Biomater Med Devices Artif Organs** 1984; 12(1-2):15-23

Malignant fibrous histiocytomas induced in rats by polymers. Maekawa A, et al. **J Cancer Res Clin Oncol** 1984; 108(3):364-5

[Possibilities of testing solid polymers using cell cultures] Puža V. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983; 26(5):527-46 (Eng. Abstr.) (Cze)

[Biocompatibility of implants with and without fluorohydrocarbon glow-discharge polymer coating. 3. Mathematical models of the subsiding processes of the tissue reaction] Keller F, et al. **Z Exp Chir Transplant Kunstliche Organe** 1984;17(6):330-6 (Eng. Abstr.) (Ger)

[Biocompatibility of implants with and without fluorohydrocarbon glow-discharge polymer coating. 2. Automated equidensitometric recording of tissue reactions] Knöfler W, et al. **Z Exp Chir Transplant Kunstliche Organe** 1984;17(6):325-9 (Eng. Abstr.) (Ger)

[Biocompatibility of implants with and without fluorohydrocarbon glow-discharge polymer coating. 1. Histologic and semiquantitative estimation of subcutaneous reactions in guinea pigs] Knöfler W, et al. **Z Exp Chir Transplant Kunstliche Organe** 1984;17(6):316-24 (Eng. Abstr.) (Ger)

[Classification of the hazards of the products from the thermal destruction of non-metal materials] Chekal' VN, et al. **Gig Sanit** 1985 Jun;(6):24-6 (Eng. Abstr.) (Rus)

[Hygienic evaluation of several new polymer materials designed for use in water treatment systems] Savina RV, et al. **Gig Sanit** 1984 Nov;(11):29-31 (Eng. Abstr.) (Rus)

[Gonadotoxic action of the components of polymeric materials] Sheftel' VO. **Gig Sanit** 1985 Jun;(6):50-2 (20 ref.) (Rus)

[Methodological approach to the hygienic evaluation of toys made of polymer materials] Stan VV. **Gig Sanit** 1984 Aug; (8):32-5 (Rus)

POLYMETHACRYLIC ACIDS

Factors affecting in vitro bond strength of no-mix orthodontic cements. Evans LB, et al. **Am J Orthod** 1985 Jun;87(6):508-12

The siloxane bond in contact lens materials: the siloxanyl alkyl methacrylate copolymers. Refojo MF. **Ann Ophthalmol** 1984 Nov;16(11):1009-13

Hydrogels: a carrier of bioactive agents. Pişkin E. **Int J Artif Organs** 1984 Sep;7(5):283-8

Two-year clinical evaluation of light-cured composite resin restorations in primary molars. Tonn EM, et al. **J Am Dent Assoc** 1985 Jul;111(1):44-8

Influence of silane treatment and filler fraction on thermal expansion of composite resins. Söderholm KJ. **J Dent Res** 1984 Nov;63(11):1321-6

Studies on composite resins with hexa(methacryloylethylenedioxy) cyclotriphosphazene used as a monomer--fillers and physical properties. Anzai M, et al. **J Nihon Univ Sch Dent** 1984 Sep;26(3):238-42

Prevention of alveolar bone loss postextraction with HTR grafting material. Ashman A, et al. **Oral Surg Oral Med Oral Pathol** 1985 Aug;60(2):146-53

Improved stability of a purified glycol methacrylate preparation. Bernier J, et al. **Stain Technol** 1984 Nov; 59(6):355

Improved methods for molding, facing and sectioning glycol methacrylate embedded tissue blocks. Butler JK. **Stain Technol** 1984 Nov;59(6):315-21

A removable polar embedding medium for light microscopy. Frater R. **Stain Technol** 1985 Jul;60(4):189-92

ANALYSIS

Ion-exchange derivatives of Spheron. V. Sulphate and sulpho

-derivatives. Mikeš O, et al. **J Chromatogr** 1984 Sep 28; 301(1):93-105

PHARMACODYNAMICS

Poly(2-hydroxyethyl methacrylate)--collagen composites which promote muscle cell differentiation in vitro. Stol M, et al. **Biomaterials** 1985 May;6(3):193-7

A glycol methacrylate method for the routine histologic evaluation of rat inner ear. Myhre JL, et al. **Stain Technol** 1985 Mar;60(2):63-8

THERAPEUTIC USE

Three-year evaluation of sealant: effect of isolation on efficacy. Straffon LH, et al. **J Am Dent Assoc** 1985 May; 110(5):714-7

POLYMETHYLMETHACRYLATE see **METHYLMETHACRYLATES**

POLYMORPHISM (GENETICS)

Screening for cytogenetic polymorphisms in a random sample of liveborn infants from Italian population. Belloni G, et al. **Acta Anthropogenet** 1983;7(3):205-17

Plasma protein polymorphisms in a puzzling Breton community, the Bigoudens. Youinou P, et al. **Acta Anthropogenet** 1983;7(3):233-9

Non-random association of the polymorphic Taq I restriction site, located 3 KB 5' to the human delta-globin gene, with the polymorphic Hind III sites within the G gamma- and A gamma-globin genes. Poncet D, et al. **Acta Haematol (Basel)** 1984;72(4):217-20

Genetic polymorphism of factor B (Bf) in Okayama Prefecture, Japan. Ameno S, et al. **Acta Med Okayama** 1984 Aug;38(4):321-4

Apolipoprotein genes, DNA polymorphisms and hyperlipidemia. Shoulders CC, et al. **Agents Actions [Suppl]** 1984;16:17-33

Aldehyde dehydrogenase polymorphism and alcohol metabolism in alcoholics. Harada S, et al. **Alcohol** 1985 May-Jun;2(3):391-2

Polymorphism of aldehyde dehydrogenase and ethanol elimination. Mizoi Y, et al. **Alcohol** 1985 May-Jun; 2(3):393-6

A locus on chromosome 11p with multiple restriction site polymorphisms. Barker D, et al. **Am J Hum Genet** 1984 Nov;36(6):1159-71

gamma-Aminobutyric acid transaminase (GABAT) polymorphism among ethnic groups in Singapore--with report of a new allele. Bhattacharyya SP, et al. **Am J Hum Genet** 1985 Mar;37(2):358-61

The use of multiple restriction fragment length polymorphisms in prenatal risk estimation. I. X-linked diseases. Clark AG. **Am J Hum Genet** 1985 Jan;37(1):60-72

A revised estimate of the amount of genetic variation in human proteins: implications for the distribution of DNA polymorphisms. Neel JV. **Am J Hum Genet** 1984 Sep; 36(5):1135-48 (69 ref.)

Choroideremia is linked to the restriction fragment length polymorphism DXYS1 at XQ13-21. Nussbaum RL, et al. **Am J Hum Genet** 1985 May;37(3):473-81

Role of the apolipoprotein E polymorphism in determining normal plasma lipid and lipoprotein variation. Sing CF, et al. **Am J Hum Genet** 1985 Mar;37(2):268-85

Genetic polymorphisms among Bukharan and Georgian Jews in Israel. Levene C, et al. **Am J Med Genet** 1984 Dec; 19(4):623-41

Segregation and linkage analysis of alpha-N-acetyl-D-glucosaminidase (NAG) levels in a black family. Pericak-Vance MA, et al. **Am J Med Genet** 1985 Feb;20(2):295-306

Transferrin polymorphism and malaria [letter] Pollack S. **Am J Med Genet** 1985 Feb;20(2):403-5

Polymorphism of palmar C- and D-line terminations among the Sikligars of Chandigarh. Balgir RS. **Am J Phys Anthropol** 1984 Oct;65(2):199-200

Abstracts of papers read at the 19th International Conference on Animal Blood Groups and Biochemical Polymorphisms. (Göttingen, FRG, 22-27 July 1984). **Anim Blood Groups Biochem Genet** 1985;16 Suppl 1:1-142

Lymphocyte alloantigens of the horse. III. ELY-2.1: a lymphocyte alloantigen not coded for by the MHC. Antczak DF. **Anim Blood Groups Biochem Genet** 1984; 15(2):103-15

Urinary proteins: interstrain differences in the laboratory rat. Brdička R. **Anim Blood Groups Biochem Genet** 1984; 15(2):79-83

Protein polymorphisms and their genetic control in the red-backed vole, Clethrionomys rufocanus bedfordiae. Kawata M, et al. **Anim Blood Groups Biochem Genet** 1984; 15(2):143-50

Abnormal segregation of alkaline ribonuclease genes in cattle. Walawski K, et al. **Anim Blood Groups Biochem Genet** 1984; 15(2):85-8

Unusual chromosome 9 polymorphism and reproductive failure. Fryns JP, et al. **Ann Genet (Paris)** 1985;28(1):49-51

Complement polymorphism in Colombia. Bernal JE, et al. **Ann Hum Biol** 1985 May-Jun;12(3):261-5

Genetic studies in Atacameño Indians: serum protein and red cell-enzyme polymorphisms. Goedde HW, et al. **Ann Hum Biol** 1985 May-Jun;12(3):251-9

Serogenetic studies on the inhabitants of Tristan da Cunha. Jenkins T, et al. **Ann Hum Biol** 1985 Jul-Aug;12(4):363-71

Effects of the protease inhibitor (Pi) polymorphism on alpha-1-antitrypsin concentration and elastase inhibitory capacity in human serum. Oakeshott JG, et al. **Ann Hum Biol** 1985 Mar-Apr;12(2):149-60

The polymorphism of the complement genes in HLA. Porter RR. **Ann Inst Pasteur Immunol** 1985 Jan-Feb; 136C(1):91-101

Use of restriction fragment length polymorphisms to study the origin of human aneuploidy. Hassold T, et al. **Ann NY Acad Sci** 1985;450:179-89

Some erythrocyte polymorphisms in Bari and its district (South Italy). Rickards O, et al. **Anthropol Anz** 1984 Dec; 42(4):299-306

Polymorphism of galactose-1-phosphate uridyltransferase in the Albanian and Croatian settlements of Molise (Italy). Vaccaro AM, et al. **Anthropol Anz** 1984 Dec;42(4):307-14

Polymorphism of C3 component of complement in the Polish population. I. Population and family studies. Mańczak M. **Arch Immunol Ther Exp (Warsz)** 1984;32(4):421-30

A DNA polymorphism for Huntington's disease marks the future. Wexler NS, et al. **Arch Neurol** 1985 Jan;42(1):20-4

Classificatory reliability of the Carabelli trait in man. Kieser JA, et al. **Arch Oral Biol** 1984;29(10):795-801

Effects of apoprotein E polymorphism on serum lipoprotein concentration. Robertson FW, et al. **Arteriosclerosis** 1985 May-Jun;5(3):283-92

Associations between some polymorphic markers and variation in IQ and its components in Otmoor villagers. Mascie-Taylor CG, et al. **Behav Genet** 1985 Jul; 15(4):371-83

Characterization of a common genetic defect of cytochrome P-450 function (debrisoquine-sparteine type polymorphism)--increased Michaelis is Constant (Km) and loss of stereoselectivity of bufuralol 1'-hydroxylation in poor metabolizers. Dayer P, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):374-80

Chromosomal localization of the human apoprotein CI gene and of a polymorphic apoprotein AII gene. Knott TJ, et al. **Biochem Biophys Res Commun** 1984 Nov 30; 125(1):299-306

Frequent occurrence of a zeta-globin-region deletion in American blacks accounts for a previously-described restriction site polymorphism. Rappaport EF, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):817-23

A new variant of serum leucine aminopeptidase in the mouse: its development and possible regulation. Finlay M, et al. **Biochem Genet** 1985 Feb;23(1-2):169-80

Description of a genetic polymorphism of a human proline-rich salivary protein, Pc, and its relationship to other proteins in the salivary protein complex (SPC). Karn RC, et al. **Biochem Genet** 1985 Feb;23(1-2):37-51

Electrophoretic and heat-stability polymorphism at the phosphoglucomutase (Pgm) locus in natural populations of Drosophila melanogaster. Loverre-Chyurlia A, et al. **Biochem Genet** 1985 Feb;23(1-2):29-36

Genetic structure of natural populations of the red-spotted newt, Notophthalmus viridescens. Merritt RB, et al. **Biochem Genet** 1984 Aug;22(7-8):669-86

Polymorphism at the Hor 1 locus of barley (Hordeum vulgare L.). Shewry PR, et al. **Biochem Genet** 1985 Jun; 23(5-6):391-404

A second polymorphic lens crystallin (LEN-2) in the mouse: genetic and biochemical analysis of LEN-1 and LEN-2. Skow LC, et al. **Biochem Genet** 1985 Feb;23(1-2):181-9

Polymorphism of mitochondrial DNA in pigs based on restriction endonuclease cleavage patterns. Watanabe T, et al. **Biochem Genet** 1985 Feb;23(1-2):105-13

Genetic polymorphism in drug oxidation: in vitro studies of human debrisoquine 4-hydroxylase and bufuralol 1'-hydroxylase activities. Boobis AR, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):65-71

Variability in nifedipine pharmacokinetics and dynamics: a new oxidation polymorphism in man. Kleinbloesem CH, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3721-4

Intragenic Factor IX restriction site polymorphism in hemophilia B variants. Hassan HJ, et al. **Blood** 1985 Feb; 65(2):441-3

The three polymorphic chains of human Hb-F studied in normal Italian newborns. Guerrasio A, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31;60(8):1621-7

Genetic polymorphism of mephenytoin p(4')-hydroxylation: difference between Orientals and Caucasians. Jurima M, et al. **Br J Clin Pharmacol** 1985 Apr;19(4):483-7

Genetic aspects of the polymodally distributed sulphoxidation of S-carboxymethyl-L-cysteine in man. Mitchell SC, et al. **Br J Clin Pharmacol** 1984 Oct; 18(4):507-21

BamH I polymorphism in the Chinese: its potential usefulness in prenatal diagnosis of beta thalassaemia. Chan V, et al. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):947-8

C-band heteromorphism in breast cancer patients. Berger R, et al. **Cancer Genet Cytogenet** 1985 Sep;18(1):37-42

Karyotypic analysis and chromosome polymorphisms in four choriocarcinoma cell lines. Sheppard DM, et al. **Cancer Genet Cytogenet** 1985 Apr 1;16(3):251-8

V beta gene polymorphism and a major polyclonal T cell receptor idiotype. Sim GK, et al. **Cell** 1985 Aug;42(1):89-92

DNA polymorphism of the RC8 probe on the X-chromosome. Identification of a new DNA variant with the TaqI enzyme. Børresen AL, et al. **Clin Genet** 1985 Apr; 27(4):411-3

Analysis of a familial 15p + polymorphism: exclusion of Y/15 translocation. Werner W, et al. **Clin Genet** 1984 Sep; 26(3):204-8

Chromosome polymorphism involving heterochromatic blocks in Chinese hamster chromosome 9. Ray FA, et al. **Cytogenet Cell Genet** 1984;38(4):257-64

Nondisjunction frequencies in Robertsonian heterozygotes from natural populations of the common shrew, Sorex araneus L. Searle JB. **Cytogenet Cell Genet** 1984; 38(4):265-71

Differential polymorphism of the amphibian MHC. Plytycz B. **Dev Comp Immunol** 1984 Summer;8(3):727-32

Lack of association of the polymorphic locus in the 5'-flanking region of the human insulin gene and diabetes in American blacks. Elbein S, et al. **Diabetes** 1985 May; 34(5):433-9

Hyperproinsulinemia in a family with a proposed defect in conversion is linked to the insulin gene. Elbein SC, et al. **Diabetes** 1985 Aug;34(8):821-4

Islet beta-cell function and polymorphism in the 5'-flanking region of the human insulin gene. Permutt MA, et al. **Diabetes** 1985 Apr;34(4):311-4

Class I, II and III major histocompatibility complex gene polymorphisms in BB rats. Buse JB, et al. **Diabetologia** 1984 Jul;27 Suppl:77-9

Constancy of DNA organization of polymorphic and nonpolymorphic genes during development in Xenopus. Okada A, et al. **Differentiation** 1985;29(1):14-9

Isolation and DNA sequence of full-length cDNA and of the entire gene for human apolipoprotein AI--discovery of a new genetic polymorphism in the apo AI gene. Seilhamer JJ, et al. **DNA** 1984 Aug;3(4):309-17

Detection of a high frequency RsaI polymorphism in the human pro alpha 2(I) collagen gene which is linked to an autosomal dominant form of osteogenesis imperfecta. Grobler-Rabie AF, et al. **EMBO J** 1985 Jul;4(7):1745-8

Structure and polymorphism of the HLA class II SB light chain genes. Kappes DJ, et al. **EMBO J** 1984 Dec 1; 3(12):2985-93

Tracts of high or low sequence divergence in the mouse major histocompatibility complex. Steinmetz M, et al. **EMBO J** 1984 Dec 1;3(12):2995-3003

Inter-ethnic difference in sparteine oxidation among Ghanaians and Germans. Eichelbaum M, et al. **Eur J Clin Pharmacol** 1985;28(1):79-83

Pharmacogenetics of mephenytoin: a new drug hydroxylation polymorphism in man. Küpfer A, et al. **Eur J Clin Pharmacol** 1984;26(6):753-9

Dynamics of collagen accumulation and polymorphism in murine Schistosoma japonicum. Olds GR, et al. **Gastroenterology** 1985 Sep;89(3):617-24

Polymorphism from environmental heterogeneity: models are only robust if the heterozygote is close in fitness to the favoured homozygote in each environment. Hoekstra RF, et al. **Genet Res** 1985 Jun;45(3):299-314

Two subtypes of BfF by isoelectrofocusing: differential linkage to other HLA markers. Abbal M, et al. **Hum Genet** 1985;69(2):181-3

DNA polymorphism and molecular pathology of the human globin gene clusters. Antonarakis SE, et al. **Hum Genet** 1985;69(1):1-14 (112 ref.)

Detection of a restriction site polymorphism within the human alpha-globin gene complex. Assum G, et al. **Hum Genet** 1985;69(2):144-6

The human thyroglobulin gene: a polymorphic marker localized distal to C-MYC on chromosome 8 band q24. Baas F, et al. **Hum Genet** 1985;69(2):138-43

Another family with a silent allele of properdin factor B polymorphism (BF QO). Bertrams J, et al. **Hum Genet** 1985; 70(4):321-3

Two new polymorphic markers in the human pro alpha 2(1) collagen gene. Brebner DK, et al. **Hum Genet** 1985; 70(1):25-7

A new MspI restriction fragment length polymorphism in the hemophilia B locus. Camerino G, et al. **Hum Genet** 1985;71(1):79-81

Polymorphism of human C2 detected by immunoblotting. Doxiadis G, et al. **Hum Genet** 1985;70(4):355-8

Definitive localization of Becker muscular dystrophy in Xp by linkage to a cluster of DNA polymorphisms (DXS43 and DXS9). Fadda S, et al. **Hum Genet** 1985;71(1):33-6

The positions of three restriction fragment length polymorphisms on chromosome 4 relative to known genetic markers. Gilliam TC, et al. **Hum Genet** 1984;68(2):154-8

Isolation of probes detecting restriction fragment length polymorphisms from X chromosome-specific libraries: potential use for diagnosis of Duchenne muscular dystrophy. Hofker MH, et al. **Hum Genet** 1985;70(2):148-56

Mitochondrial DNA polymorphism in Japanese. I. Analysis with restriction enzymes of six base pair recognition. Horai S, et al. **Hum Genet** 1984;68(4):324-32

Phenotype and gene frequencies of acid phosphatase (s-AcP) in the human parotid saliva. Ikemoto S, et al. **Hum Genet** 1985;71(1):30-2

Polymorphism of Ag-stained nucleolus organizer regions in lymphocytes of patients with ovarian or breast adenocarcinoma. Kivi S, et al. **Hum Genet** 1985;69(4):350-2

The alpha 1 antitrypsin variant PI WFINNEYTOWN in a family of Caucasian origin. Klasen EC, et al. **Hum Genet** 1985;69(2):190-1

DNA polymorphism in the 5' flanking region of the human carbonic anhydrase II gene on chromosome 8. Lee BL, et al. **Hum Genet** 1985;69(4):337-9

An EcoRI restriction fragment length polymorphism (RFLP) in the human c-erb A locus. Mathieu-Mahul D, et al. **Hum Genet** 1985;71(1):41-4

Localization by in situ hybridization of the coagulation factor IX gene and of two polymorphic DNA probes with respect to the fragile X site. Mattei MG, et al. **Hum Genet** 1985; 69(4):327-31

A study of restriction fragment length polymorphisms at the human alpha-1-antitrypsin locus. Matteson KJ, et al. **Hum Genet** 1985;69(3):263-7

Genetic polymorphism of human factor I (C3b inactivator). Nakamura S, et al. **Hum Genet** 1985;71(1):45-8

A new restriction fragment length polymorphism in the haptoglobin gene region. Oliviero S, et al. **Hum Genet** 1985; 70(1):66-70

Molecular evidence of triplication in the haptoglobin Johnson variant gene. Oliviero S, et al. **Hum Genet** 1985;71(1):49-52

Genetic polymorphism of complement component C8. Rogde S, et al. **Hum Genet** 1985;70(3):211-6

Linkage studies between polymorphic markers on chromosome 4 and cystic fibrosis. Scambler P, et al. **Hum Genet** 1985;69(3):250-4

Restriction fragment length polymorphisms at the human parathyroid hormone gene locus. Schmidtke J, et al. **Hum Genet** 1984;67(4):428-31

Population studies on human phosphoglucomutase-1 thermostability polymorphism. Scozzari R, et al. **Hum Genet** 1984;68(4):314-7

Mitomycin C-induced mosaicism in C-band regions of human chromosomes 1, 9, 16, and Y. Simi S. **Hum Genet** 1985;70(3):243-5

Lethal osteogenesis imperfecta and a collagen gene deletion. Length polymorphism provides an alternative explanation. Sykes BC, et al. **Hum Genet** 1985;70(1):35-7

G-6-PD Jalisco and G-6-PD Morelia: two new Mexican variants. Vaca G, et al. **Hum Genet** 1985;71(1):82-5

DNA polymorphisms flanking the apo A-1 and insulin genes and type III hyperlipidaemia. Vella M, et al. **Hum Genet** 1985;69(3):275-6

Determination of alpha 2HS-glycoprotein phenotypes by isoelectric focusing and immunoblotting: polymorphic occurrence of HSGA*5 in Okinawa. Yuasa I, et al. **Hum Genet** 1985;70(1):32-4

Multiallelic restriction fragment polymorphisms in genetic counseling: population genetic considerations. Asmussen MA, et al. **Hum Hered** 1985;35(3):129-42

An extended survey of the genetic polymorphism at the human coagulation factor XIII: a subunit structural locus. Castle SL, et al. **Hum Hered** 1985;35(2):101-6

C3 polymorphism in Greece. Germenis A, et al. **Hum Hered** 1985;35(2):123-5

Polymorphism of red cell glyoxalase I in Serbia, Yugoslavia. Kalimanovska V, et al. **Hum Hered** 1985;35(2):120-2

Phosphoglucomutase (PGM1) subtypes in a Finnish population determined by isoelectric focusing in agarose gel. Lukka M, et al. **Hum Hered** 1985;35(2):95-100

Genetic polymorphisms in the Kuwaiti Arabs. Singh Sawhney K, et al. **Hum Hered** 1984;34(5):303-7

Population genetics of polymorphisms in Cardiff newborn. Relationship between blood group and allozyme heterozygosity and birth weight. Ward RD, et al. **Hum Hered** 1985;35(3):171-7

How polymorphic are class II loci of the mouse H-2 complex? Bukara M, et al. **Immunogenetics** 1985; 21(6):569-79

DNA polymorphism of the major histocompatibility class I genes and their association with serologically defined haplotypes. Driesel AJ, et al. **Immunogenetics** 1985; 21(6):529-38

Genetic polymorphism at the kappa chain locus in mice: comparisons of restriction enzyme hybridization fragments of variable and constant region genes. Huppi K, et al. **Immunogenetics** 1985;21(5):445-57

Distribution of human blood polymorphic systems in two Haryana villages. Joshi H, et al. **Indian J Med Res** 1985 Feb;81:180-5

Purification and characterization of the human liver cytochromes P-450 involved in debrisoquine 4-hydroxylation and phenacetin O-deethylation, two prototypes for genetic polymorphism in oxidative drug metabolism. Distlerath LM, et al. **J Biol Chem** 1985 Jul 25;260(15):9057-67

Polymorphism in the 5' flanking region of the human insulin gene. Relationships with noninsulin-dependent diabetes mellitus, glucose and insulin concentrations, and diabetes treatment in the Pima Indians. Knowler WC, et al. **J Clin Invest** 1984 Dec;74(6):2129-35

Polymorphism of theophylline metabolism in man. Miller CA, et al. **J Clin Invest** 1985 May;75(5):1415-25

Polymorphism of Fc receptor on murine B cells is Igh-linked. Baum CM, et al. **J Exp Med** 1985 Jul 1;162(1):282-96 (68 ref.)

Polymorphism of a high molecular weight schizont antigen of the human malaria parasite Plasmodium falciparum. McBride JS, et al. **J Exp Med** 1985 Jan 1;161(1):160-80

Chromosomal and behavioral studies of Mexican Drosophila. III. Inversion polymorphism of D. pseudoobscura. Olvera O, et al. **J Hered** 1985 Jul-Aug;76(4):258-62

Polymorphisms within the HLA-DRw6 haplotype. I. Restriction fragment length variation and its correlation with serology. Bosch ML, et al. **J Immunol** 1985 May; 134(5):3212-7

Polymorphism of the C3b/C4b receptor (CR1): characterization of a fourth allele. Dykman TR, et al. **J Immunol** 1985 Mar;134(3):1787-9

Demonstration of structural polymorphism among MB3 light chains by two-dimensional gel electrophoresis. Ishikawa N, et al. **J Immunol** 1985 Jan;134(1):417-22

Xenopus MHC class II molecules. II. Polymorphism as determined by two-dimensional gel electrophoresis. Kaufman JF, et al. **J Immunol** 1985 May;134(5):3258-64

Organization and polymorphism of rabbit immunoglobulin heavy chain genes. Knight KL, et al. **J Immunol** 1985 Feb; 134(2):1245-50

The Qa-1 alloantigens. III. Biochemical analysis of the structure and extent of polymorphism of the Qa-1 allelic products. Landolfi NF, et al. **J Immunol** 1985 Aug; 135(2):1264-70

Polymorphism of kappa variable region (V kappa-1) genes in inbred mice: relationship to the Ig kappa-Ef2 serum light chain marker. Moynet D, et al. **J Immunol** 1985 May; 134(5):3455-60

Structural polymorphism of murine complement factor H controlled by a locus located between the Hc and the beta 2M locus on the second chromosome of the mouse. Natsuume-Sakai S, et al. **J Immunol** 1985 Apr; 134(4):2600-6

Polymorphism of murine major histocompatibility Class I antigen: assignment of putative allodeterminants to distinct positions of the amino acid sequence within the first external domain of the antigen. Ozato K, et al. **J Immunol** 1985 Mar;134(3):1749-58

Purification and functional analysis of the polymorphic variants of the C3b/C4b receptor (CR1) and comparison with H, C4b-binding protein (C4bp), and decay accelerating factor (DAF). Seya T, et al. **J Immunol** 1985 Oct;135(4):2661-7

Polymorphism and tissue distribution of maternally transmitted antigen defined by cytotoxic T lymphocyte lines. Smith R 3d, et al. **J Immunol** 1985 Apr;134(4):2191-7

The Igh-V locus of MRL mice: restriction fragment length polymorphism in eleven strains of mice as determined with VH and D gene probes. Trepicchio W Jr, et al. **J Immunol** 1985 Apr;134(4):2734-9

The possibility for prenatal diagnosis of PKU by linkage analyses based on phenylalanine hydroxylase locus specific DNA-polymorphisms. Woo SL, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:139-40

Survey of the human acetylator polymorphism in spontaneous disorders. Evans DA. **J Med Genet** 1984 Aug; 21(4):243-53 (100 ref.)

Investigation of human chromosome polymorphisms by scanning electron microscopy. Harrison CJ, et al. **J Med Genet** 1985 Feb;22(1):16-23

A polymorphic repetitive-sequence PR1 family. Evidence for meiotic instability. Kominami R, et al. **J Mol Biol** 1985 Jun 5;183(3):301-9

Continuous reorganization leads to extensive polymorphism in a monkey centromeric satellite. Maresca A, et al. **J Mol Biol** 1984 Nov 15;179(4):629-49

Polymorphism of acetylcholinesterase in discrete regions of the developing human fetal brain. Zakut H, et al. **J Neurochem** 1985 Aug;45(2):382-9

Biochemical investigation of the basis for the genetic N-acetylation polymorphism in the inbred hamster. Hein DW, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):358-64

Genetic polymorphisms of human complement components BF and C2 in Korean: population and association studies. Park KS, et al. **Jinrui Idengaku Zasshi** 1985 Mar;30(1):9-14

Genetic polymorphism of transferrin in Egyptians: analysis by two electrofocusing methods with description of unusual B variant. Sebetan IM, et al. **Jinrui Idengaku Zasshi** 1985 Mar;30(1):15-20

Genetic polymorphisms of apolipoprotein C-III and insulin in survivors of myocardial infarction. Ferns GA, et al. **Lancet** 1985 Aug 10;2(8450):300-3

How much of variability in apolipoprotein AII concentrations is explained by polymorphism adjacent to apo-AII gene? [letter] Hanis CL, et al. **Lancet** 1985 Jun 8;1(8441):1339-40

Prenatal diagnosis of Duchenne dystrophy [letter] Harper PS, et al. **Lancet** 1985 Apr 13;1(8433):872

A common DNA polymorphism of the low-density lipoprotein (LDL) receptor gene and its use in diagnosis. Humphries SE, et al. **Lancet** 1985 May 4;1(8436):1003-5

Polymorphic DNA markers in prenatal diagnosis of fragile X syndrome [letter] Oberlé I, et al. **Lancet** 1985 Apr 13; 1(8433):871

High-density lipoprotein composition is altered by a common DNA polymorphism adjacent to apoprotein AII gene in man. Scott J, et al. **Lancet** 1985 Apr 6;1(8432):771-3

A new DNA polymorphism for prenatal diagnosis of beta-thalassaemia in Mediterranean populations. Wainscoat JS, et al. **Lancet** 1984 Dec 8;2(8415):1299-301

A high degree of DNA strain polymorphism associated with the major heat shock gene in Caenorhabditis elegans. Snutch TP, et al. **MGG** 1984;195(1-2):329-35

Chromosomal assignments of three random RFLP loci defined by base-pair changes in MspI sites. de Martinville B, et al. **Mol Biol Med** 1983 Nov;1(4):415-24

Allelic variation and linkage properties of a highly polymorphic restriction fragment in humans. Goodbourn SE, et al. **Mol Biol Med** 1984 Jun;2(3):223-38

An HLA-B locus probe clarifies endonuclease polymorphism of major histocompatibility complex class I genes. Grumet FC, et al. **Mol Biol Med** 1983 Dec;1(5):501-9

A DNA polymorphism adjacent to the human apolipoprotein CII gene. Humphries SE, et al. **Mol Biol Med** 1983 Dec; 1(5):463-71

Complement polymorphism, the major histocompatibility complex and associated diseases: a speculation. Porter RR. **Mol Biol Med** 1983 Jul;1(1):161-8

A frequent restriction fragment length polymorphism in the human metallothionein-II processed gene region is evolutionarily conserved. Varshney U, et al. **Mol Biol Med** 1984 Jun;2(3):193-206

Multiple origins of the sickle mutation: evidence from beta S globin gene cluster polymorphisms. Wainscoat JS, et al. **Mol Biol Med** 1983 Sep;1(2):191-7

Inheritance of extrachromosomal ribosomal DNA during the asexual life cycle of Dictyostelium discoideum: examination by use of DNA polymorphisms. Welker DL, et al. **Mol Cell Biol** 1985 Feb;5(2):273-80

Sequence polymorphism of HLA DR beta 1 alleles relating to T-cell-recognized determinants. Cairns JS, et al. **Nature** 1985 Sep 12-18;317(6033):166-8

Hypervariable 'minisatellite' regions in human DNA. Jeffreys AJ, et al. **Nature** 1985 Mar 7-13;314(6006):67-73

Distribution of Gc subtypes in Yamanashi Prefecture. Kido A, et al. **Nippon Hoigaku Zasshi** 1984 Aug;38(4):391-6

Genetic organization of the polymorphic equine alpha globin locus and sequence of the BII alpha 1 gene. Clegg JB, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7847-58

Polymorphism in the structure of the yeast mitochondrial tRNA synthesis locus. Miller DL, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):859-72

A highly polymorphic region 3' to the human type II collagen gene. Stoker NG, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4613-22

Only three of the seven human chorionic gonadotropin beta subunit genes can be expressed in the placenta. Talmadge K, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8415-36

Carrier detection in haemophilia B using two further intragenic restriction fragment length polymorphisms. Winship PR, et al. **Nucleic Acids Res** 1984 Dec 11; 12(23):8861-72

Patterns of polymorphism and linkage disequilibrium suggest independent origins of the human growth hormone gene cluster. Chakravarti A, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6085-9

Nonrandom association of a type II procollagen genotype with achondroplasia. Eng CE, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5465-9

The Ly-15 alloantigenic system: a genetically determined polymorphism of the murine lymphocyte function-associated antigen-1 molecule. Hogarth PM, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):526-30

Polymorphisms of a human variable heavy chain gene show linkage with constant heavy chain genes. Johnson MJ, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7840-4

Exuberant restriction fragment length polymorphism associated with the DQ alpha-chain gene and the DX alpha-chain gene. Le Gall I, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5433-6

A highly polymorphic locus in human DNA revealed by cosmid-derived probes. Litt M, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6206-10

Evidence for a prevalent dimorphism in the activation peptide of human coagulation factor IX. McGraw RA, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2847-51

Evidence that polymorphism in the murine major histocompatibility complex may be generated by the assortment of subgene sequences. Miyada CG, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2890-4

Close linkage of alpha and beta interferons and infrequent duplication of beta interferon in humans. Ohlsson M, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4473-6

Segregation of polymorphic T-cell receptor genes in human families. Robinson MA, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3804-8

Ribosomal DNA spacer-length polymorphisms in barley: mendelian inheritance, chromosomal location, and population dynamics. Saghai-Maroof MA, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):8014-8

Polymorphism of normal factor IX detected by mouse monoclonal antibodies. Wallmark A, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3839-43

Restriction fragment length polymorphism of the human c-fms gene. Xu DQ, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2862-5

Variations of colour vision in a New World primate can be explained by polymorphism of retinal photopigments. Mollon JD, et al. **Proc R Soc Lond [Biol]** 1984 Sep 22; 222(1228):373-99

Human alkaline phosphatase isozymes. Genetic variations and their relationship to natural selection. Beckman G, et al. **Prog Clin Biol Res** 1984;166:15-23

DNA polymorphisms in collagen genes: potential use in the study of disease. Børresen AL, et al. **Prog Clin Biol Res** 1985;177:37-51

Restriction fragment length polymorphisms (RFLP's) and their use in mapping the human genome. Pearson PL. **Prog Clin Biol Res** 1985;177:23-36

The use of monoclonal antibodies to detect genetic polymorphism: application to apolipoprotein B. Schumaker VN, et al. **Prog Clin Biol Res** 1985;177:375-92

Pharmocogenetic implications of polymorphic debrisoquine hydroxylations [editorial] Rawlins MD. **Q J Med** 1985 Feb; 54(214):115-6

Acute lymphoblastic leukemia polymorphism disclosed by monoclonal antibodies. Leglise MC, et al. **Ric Clin Lab** 1984 Jul-Sep;14(3):313-8

Use of restriction fragment length polymorphisms to determine the clonal origin of human tumors. Vogelstein B, et al. **Science** 1985 Feb 8;227(4687):642-5

HLA polymorphisms in Saudi Arabs. Ollier W, et al. **Tissue Antigens** 1985 Feb;25(2):87-95

The HLA polymorphisms in Beijing Chinese. Sun YP, et al. **Tissue Antigens** 1985 Feb;25(2):115-8

A further study on the polymorphism of placental alkaline phosphatase in Japanese. Oya M, et al. **Tohoku J Exp Med** 1985 Jun;146(2):175-9

Polymorphism of placental phosphoglucomutase in Japanese. Oya M, et al. **Tohoku J Exp Med** 1985 Jun;146(2):189-92

Fourth component of complement (C4) polymorphism in human orthotopic liver transplantation. Wölpl A, et al. **Transplantation** 1985 Aug;40(2):154-7

Glucose phosphate isomerase polymorphism in Theileria annulata and T. parva. Melrose TR, et al. **Trop Anim Health Prod** 1984 Nov;16(4):239-45

The discovery of the red cell acid phosphatase polymorphism. Hopkinson DA. **Vox Sang** 1985;49(1):77-80

Pst I polymorphism of the antithrombin III gene in a French population. Le Paslier D, et al. **Vox Sang** 1985;49(2):168-70

Genetic markers in Liberia: studies of Glo, AcP, EsD, 6-PGD, Ak, Sub PGM and alpha 1 at polymorphisms. Goedde HW, et al. **Z Morphol Anthropol** 1985;75(3):349-54

Group-specific component subtypes along the Italian Peninsula. Pascali VL, et al. **Z Rechtsmed** 1984;92(4):307-10

[Chromosome polymorphism] Cíhalová V, et al. **Bratisl Lek Listy** 1985 Jun;83(6):620-6 (Eng. Abstr.) **(Cze)**

[DNA analysis and genetic counseling] Bolhuis PA, et al. **Ned Tijdschr Geneeskd** 1985 Jun 15;129(24):1134-6 **(Dut)**

[Search for the carrier state of hemophilia B using restriction fragment length polymorphism] Briët E, et al. **Ned Tijdschr Geneeskd** 1985 Jun 15;129(24):1141-5 (Eng. Abstr.) **(Dut)**

[Genetic polymorphism of drepanocytosis] Pagnier J, et al. **Ann Genet (Paris)** 1985;28(1):5-12 (Eng. Abstr.) **(Fre)**

[Restriction polymorphism of 3 human genomic probes on the short arm of the X chromosome in a reference population, and applications in prenatal and carrier female diagnosis of Duchenne's muscular dystrophy] Dandieu S, et al. **C R Acad Sci [III]** 1985;301(6):271-6 (Eng. Abstr.) **(Fre)**

[Genetic polymorphism of the hepatic metabolism of drugs] Larrey D, et al. **Gastroenterol Clin Biol** 1985 Jun-Jul; 9(6-7):522-31 (99 ref.) **(Fre)**

[Polymorphism of the left-handed helix (Z form) of poly(dG-dC).poly(dG-dC) induced by MgCl2, studied by infrared spectroscopy] Taboury JA, et al. **Magnesium** 1984; 3(3):152-8 (Eng. Abstr.) **(Fre)**

[Strategies for the detection of DNA polymorphism in human populations] Bastié-Sigeac F, et al. **Rev Fr Transfus Immunohematol** 1985 Feb;28(1):27-44 (Eng. Abstr.) **(Fre)**

[Relations between blood polymorphism and uterine carcinoma] Fisch I, et al. **Anthropol Anz** 1985 Mar; 43(1):75-80 (Eng. Abstr.) **(Ger)**

[Forensic application of the polymorphism of coagulation factor VIIIB] Pytlik C, et al. **Z Rechtsmed** 1984; 93(3):175-80 (Eng. Abstr.) **(Ger)**

[Rare PGM1 (6) and PGM1(7) alleles in the Polish population] Szczerkowska Z, et al. **Z Rechtsmed** 1984; 93(1):61-4 (Eng. Abstr.) **(Ger)**

[Clinical consequences of acetylation polymorphism] Jendryczko A, et al. **Pol Tyg Lek** 1984 Sep 10; 39(37):1249-52 (42 ref.) **(Pol)**

[Malate dehydrogenase polymorphism in Crithidia (Protozoa, Mastigophora)] Krylov MV, et al. **Dokl Akad Nauk SSSR** 1985;280(6):1502-5 **(Rus)**

[Determination of the genetic polymorphism of the 3d complement component (C'3) by vertical polyacrylamide gel electrophoresis] Batsuur' Zh, et al. **Genetika** 1985 Apr; 21(4):658-63 (Eng. Abstr.) **(Rus)**

[Genetic aspects of the reaction of humoral immunity to collagen in humans and animals. Report I. Analysis of polymorphism of autoantibody levels to collagen type I in mice NZB X NZW (F1)] Nesvizhskiĭ IuV, et al. **Genetika** 1985 May;21(5):868-71 (Eng. Abstr.) **(Rus)**

[Patterns of Gd- allele distribution in Azerbaijan. IV. The incidence and polymorphism of erythrocytic glucose-6-phosphate dehydrogenase deficiency in the settlement of Kobi, Apsheron District] Kransnopol'skaia KD, et al. **Genetika (Moskva)** 1985 Mar;21(3):487-92 (Eng. Abstr.) **(Rus)**

[Genetic polymorphism and rare variants of alpha 1-antitrypsin in the population of Moscow. Research using isoelectric focusing on an ultrathin gel] Shurkhal AV, et al. **Genetika (Moskva)** 1984 Dec;20(12):2066-9 (Eng. Abstr.) **(Rus)**

[Biochemical polymorphic systems in the population of immigrant inhabitants of the northeastern USSR. III. Selectivity of migration behavior with respect to the genotypes of polymorphic loci] Solovenchuk LL. **Genetika (Moskva)** 1984 Oct;20(10):1719-25 (Eng. Abstr.) **(Rus)**

[Isoenzyme polymorphism and its importance for forensic medical expertise in presenting material evidence] Gladkikh AS, et al. **Sud Med Ekspert** 1985 Apr-Jun;28(2):37-40 (Eng. Abstr.) **(Rus)**

[Polymorphic blood systems in children with bronchial asthma] Mozalevskiĭ AF. **Tsitol Genet** 1985 May-Jun; 19(3):220-5 (Eng. Abstr.) **(Rus)**

[Ultrastructural characteristics of the natural heteromorphic growth of Clostridium septicum] Vaĭsman ISh. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):24-7 (Eng. Abstr.) **(Rus)**

POLYMYALGIA RHEUMATICA

[Polymyalgia rheumatica] Chelazzi G. **Recenti Prog Med** 1985 May;76(5):293-9 (62 ref.) (Eng. Abstr.) **(Ita)**

BLOOD

Fibrin(ogen)olysis in polymyalgia rheumatica and temporal arteritis: preliminary findings on association with disease activity. Grau RG, et al. **Ann Rheum Dis** 1984 Oct; 43(5):721-4

Serum C-reactive protein in polymyalgia rheumatica. A prospective serial study. Mallya RK, et al. **Arthritis Rheum** 1985 Apr;28(4):383-7

Factor VIII-von Willebrand factor in giant cell arteritis and polymyalgia rheumatica. Persellin ST, et al. **Mayo Clin Proc** 1985 Jul;60(7):457-62

[Glycoregulation disorders in giant-cell arteritis] Kitschke B, et al. **Presse Med** 1985 Jun 1;14(22):1221-4 (Eng. Abstr.) **(Fre)**

CLASSIFICATION

[Polymyalgia rheumatica: a systemic vasculitis. Review of the literature and presentation of 2 clinical cases] Cantatore FP, et al. **Minerva Med** 1984 Oct 20;75(40):2345-50 (Eng. Abstr.) **(Ita)**

COMPLICATIONS

IgG monoclonal gammopathy in four patients with polymyalgia rheumatica [letter] Ilfeld D, et al. **Ann Rheum Dis** 1985 Jul;44(7):501

Coexistence of temporal arteritis/polymyalgia rheumatica and rheumatoid arthritis. Omdal R, et al. **Clin Rheumatol** 1984 Dec;3(4):525-7

Granulomatous radial arteritis with bilateral, nontraumatic, true arterial aneurysms within the anatomic snuffbox. Leitner DW, et al. **J Hand Surg [Am]** 1985 Jan;10(1):131-5

[Rheumatic polymyalgia with coronary-myocardial involvement (a clinical case)] Florenţiu R, et al. **Rev Med Interna [Med Interna]** 1985 Mar-Apr;37(2):187-92 **(Rum)**

DIAGNOSIS

Polymyalgia rheumatica: the diagnosis [letter] Kaplan H. **Ann Intern Med** 1985 Jun;102(6):865

An additional test for the diagnosis and monitoring of giant cell arteritis and polymyalgia rheumatica [letter] Paolaggi JB, et al. **Arthritis Rheum** 1985 Jul;28(7):837-8

Polymyalgia rheumatica/giant cell arteritis. Kyle V, et al. **Clin Exp Rheumatol** 1983 Apr-Jun;1(2):171-81

Temporal lobe meningioma masked by polymyalgia rheumatica. Schattner A, et al. **Isr J Med Sci** 1985 May; 21(5):441-4

Polymyalgia rheumatica--a clinical study with particular reference to arterial disease. Mowat AG, et al. **J Rheumatol** 1984 Oct;11(5):580-1

Polymyalgia rheumatica and giant cell arteritis. The dilemma of therapy. Wilske KR, et al. **Postgrad Med** 1985 Jun; 77(8):243-8

[Polymyalgia rheumatica: definition of a disease picture] Bernelot Moens HJ, et al. **Ned Tijdschr Geneeskd** 1985 Jul 6;129(27):1272-5 **(Dut)**

[Polymyalgia rheumatica] Ulreich A. **Wien Med Wochenschr** 1984 Nov 15;134(21):479-84 (52 ref.) **(Ger)**

[Clinical studies of 4 cases of polymyalgia rheumatica] Hayashi T, et al. **Rinsho Shinkeigaku** 1984 Sep;24(9):901-7 (Eng. Abstr.) **(Jpn)**

[Diagnosis and treatment of rheumatic polymyalgia at an urban polyclinic] Nutrikhina NN, et al. **Ter Arkh** 1984; 56(9):131 **(Rus)**

DRUG THERAPY

Polymyalgia rheumatica. Duration of therapy and long-term outcome. Ayoub WT, et al. **Am J Med** 1985 Sep; 79(3):309-15

[Treatment of rhizomelic pseudopolyarthritis with cyclosporin A. Preliminary result (letter)] Wendling D, et al. **Rev Rhum Mal Osteoartic** 1985 Feb;52(2):135 **(Fre)**

[Therapy of polymyalgia rheumatica] Gasparini M. **Clin Ter** 1984 Jul 15;110(1):55-63 (23 ref.) (Eng. Abstr.) **(Ita)**

ENZYMOLOGY

Alkaline phosphatase and gamma-glutamyltransferase in polymyalgia rheumatica and giant cell arteritis [letter] Sheehan NJ. **Ann Rheum Dis** 1985 Sep;44(9):644-5

ETIOLOGY

Granulomatous angiitis presenting with polymyalgia rheumatica and abnormal pituitary function. Miller RH, et al. **Ann Intern Med** 1985 Feb;102(2):210-1

Polymyalgia rheumatica/giant cell arteritis in husband and wife. Kyle MV, et al. **Clin Rheumatol** 1984 Sep;3(3):395-6

Polymyalgia rheumatica with normal sed rate and B-thalassemia: case report. Fields D, et al. **Va Med** 1985 Jul;112(7):454-5

[Rhizomelic pseudopolyarthritis and periarteritis nodosa (letter)] Siame JL. **Presse Med** 1985 Feb 16;14(7):427-8 **(Fre)**

[Polymyalgia arteritica following severe chest wall trauma. Viewpoint for accident assessment] Fasel A. **Unfallchirurg** 1985 May;88(5):239-44 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

Polymyalgia rheumatica and rheumatoid arthritis: similarity of HLA antigen frequencies [letter] Armstrong RD, et al. **Arthritis Rheum** 1984 Dec;27(12):1438-9

Abnormalities of peripheral blood T lymphocyte subsets in polymyalgia rheumatica. Chelazzi G, et al. **Clin Exp Rheumatol** 1984 Oct-Dec;2(4):333-6

OCCURRENCE

Polymyalgia rheumatica/giant cell arteritis in a Cambridge general practice. Kyle V, et al. **Br Med J [Clin Res]** 1985 Aug 10;291(6492):385-7

PATHOLOGY

Clinical and pathologic studies of synovitis in polymyalgia rheumatica. Chou CT, et al. **Arthritis Rheum** 1984 Oct; 27(10):1107-17

Decreased level of suppressor/cytotoxic T cells (OKT8+) in polymyalgia rheumatica and temporal arteritis: relation to disease activity. Elling H, et al. **J Rheumatol** 1985 Apr; 12(2):306-9

[Case description of rheumatic polymyalgia] Petrov A. **Vutr Boles** 1984;23(6):111-3 **(Bul)**

[Polymyalgia rheumatica and giant cell arteritis] Jipp P, et al. **Dtsch Med Wochenschr** 1984 Oct 26;109(43):1635-8 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Polymyalgia rheumatica [clinical conference] Lauter SA, et al. **Arch Intern Med** 1985 Jul;145(7):1273-5

Peripheral joint involvement in polymyalgia rheumatica: a clinical study of 56 cases. Al-Hussaini AS, et al. **Br J Rheumatol** 1985 Feb;24(1):27-30

[Developmental study of rhizomelic pseudopolyarthritis. Apropos of 97 cases] Euller-Ziegler L, et al. **Rev Rhum Mal Osteoartic** 1984 Jul-Sep;51(7-8):421-3 **(Fre)**

POLYMYXIN B see under **POLYMYXINS**

POLYMYXIN E see **COLISTIN**

POLYMYXINS

Phase transitions and fatty acid spin label behavior in interdigitated lipid phases induced by glycerol and polymyxin. Boggs JM, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):221-33

ADVERSE EFFECTS

[Granulation tumor of the orbit following ointment treatment of the maxillary sinus] Brusis T. **HNO** 1984 Dec; 32(12):511-4 (Eng. Abstr.) **(Ger)**

DIAGNOSTIC USE

[Polymyxin B sulfate-induced non-specific bronchial provocation in bronchial asthma and chronic bronchitis] Rott Z, et al. **Orv Hetil** 1985 Feb 24;126(8):449-52 (Eng. Abstr.) **(Hun)**

[Effect of polymyxin B on the bronchi and peripheral blood basophils (in vitro) in patients with atopic asthma] Górski P, et al. **Pol Tyg Lek** 1985 Feb 4;40(5):129-30 (Eng. Abstr.) **(Pol)**

METABOLISM

Binding of polymyxin B nonapeptide to gram-negative bacteria. Vaara M, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):548-54

PHARMACODYNAMICS

'In vitro' basophil degranulation by polymyxin B in asthmatic patients. Górski P, et al. **Allergol Immunopathol (Madr)** 1985 Mar-Apr;13(2):101-3

Bronchial and basophil reaction to polymyxin B in asthmatic patients. Górski P, et al. **Allergy** 1985 Jan;40(1):70-2

Polymyxin and pertussis [letter] Bannatyne RM. **Am J Dis Child** 1984 Dec;138(12):1158

Evidence for two distinct mechanisms of resistance to polymyxin B in Pseudomonas aeruginosa. Moore RA, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):539-45

Selective medium for Pseudomonas cepacia containing 9-chloro-9-(4-diethylaminophenyl)-10-phenylacridan and polymyxin B sulfate. Wu BJ, et al. **Appl Environ Microbiol** 1984 Oct;48(4):743-6

Polymyxin B causes coordinate inhibition of phorbol ester-induced C-kinase activity and proliferation of B lymphocytes. Nel AE, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1364-72

Polymyxin B is a potent inhibitor of insulin hypoglycemia in mice. Amir S, et al. **Eur J Pharmacol** 1985 Apr 2; 110(2):283-5

Mechanism of polymyxin B-mediated lysis of lipopolysaccharide-treated erythrocytes. Carr C Jr, et al. **Infect Immun** 1985 Jul;49(1):84-9

Manipulation of intracellular magnesium content in polymyxin B nonapeptide-sensitized Escherichia coli by ionophore A23187. Alatossava T, et al. **J Bacteriol** 1985 Apr;162(1):413-9

Enhancement of human MLR by very low concentrations of lipopolysaccharide and blocking of this enhancement by polymyxin B. Spear GT, et al. **J Immunol Methods** 1984 Oct 26;73(2):321-7

Effects of polymyxin B sulfate and polymyxin B nonapeptide on growth and permeability of the yeast Saccharomyces cerevisiae. Boguslawski G. **MGG** 1985;199(3):401-5

Prolonged granulocytopenia due to selective antimicrobial modulation of the intestinal flora: bias or biology? Guiot HF, et al. **Prog Clin Biol Res** 1985;181:267-70

Spread of multiresistant gram-negative bacilli among severely immuno-compromised mice during prophylactic treatment with different oral antimicrobial drugs. van der Waaij D, et al. **Prog Clin Biol Res** 1985;181:245-50

Electron microscopic study of the polymyxin treated goat erythrocytes. Mandal TK, et al. **Z Naturforsch** [C] 1984 Jul-Aug;39(7-8):776-80

THERAPEUTIC USE

Chemical preparation of the eye in ophthalmic surgery. IV. Comparison of povidone-iodine on the conjunctiva with a prophylactic antibiotic. Isenberg SJ, et al. **Arch Ophthalmol** 1985 Sep;103(9):1340-2

Use of Cortisporin Otic Solution in phenol nail surgery. Anton-Athens V, et al. **J Am Podiatr Med Assoc** 1985 Jan; 75(1):31-3

Selective decontamination of the digestive tract for the prevention of infection in acute leukemia. Dekker A, et al. **Prog Clin Biol Res** 1985;181:251-3

TOXICITY

Chemical alterations in cell envelopes of Pseudomonas aeruginosa upon exposure to polymyxin: a possible mechanism to explain adaptive resistance to polymyxin. Gilleland HE Jr, et al. **Can J Microbiol** 1984 Jul; 30(7):869-73

POLYNEURITIS

[Comments on the term polyneuritis] Simon F, et al. **Cesk Neurol Neurochir** 1984 Aug;47(4):273-4 **(Slo)**

CHEMICALLY INDUCED

[Toxic polyneuropathies] Kaeser HE. **Internist (Berlin)** 1984 Oct;25(10):629-36 **(Ger)**

[Acute alkylphosphate poisoning (trichlorphon) with an intermediate polyneuropathy syndrome] Niedziella SW, et al. **Z Gesamte Inn Med** 1985 Apr 15;40(8):237-9 (Eng. Abstr.) **(Ger)**

[A case of trichloroethylene polyneuropathy] Nakajima T, et al. **Sangyo Igaku** 1984 Mar;26(2):182-3 **(Jpn)**

COMPLICATIONS

Ocular palsy preceding chronic relapsing polyneuropathy by several weeks. Donaghy M, et al. **Ann Neurol** 1985 Jan; 17(1):49-50

HLA-DR in meningopolyneuritis of Garin-Bujadoux-Bannwarth: contrast to Lyme disease? Kristoferitsch W, et al. **J Neurol** 1984;231(5):271-2

Acute superior laryngeal nerve palsy: analysis of 78 cases. Adour KK, et al. **Otolaryngol Head Neck Surg** 1980 Jul-Aug;88(4):418-24

[Anesthetic management of a patient with Déjerine-Sottas disease] Amano N, et al. **Masui** 1985 Jun;34(6):828-31 (Eng. Abstr.) **(Jpn)**

[A case of allergic granulomatosis and angiitis complicated by multiple mononeuritis--studies on the vascular lesions in biopsied muscle tissues] Sekine F, et al. **Nippon Naika Gakkai Zasshi** 1985 May;74(5):571-6 **(Jpn)**

[A case of plasma cell dyscrasia with polyneuropathy and endocrinopathy associated with Castleman lymphoma showing monoclonal proliferation] Taneichi K, et al. **Nippon Naika Gakkai Zasshi** 1985 Mar;74(3):351-6 **(Jpn)**

[A case of plasma cell dyscrasia with polyneuropathy and endocrinopathy coexistent with chronic thyroiditis and Castleman lymphoma] Taneichi K, et al. **Nippon Naika Gakkai Zasshi** 1984 Sep;73(9):1369-74 **(Jpn)**

[Immunohistologic studies on Castleman lymphoma in two cases of plasma cell dyscrasia with polyneuropathy and endocrinopathy (Takatsuki's disease)] Taneichi K, et al. **Rinsho Ketsueki** 1984 Aug;25(8):1266-72 (Eng. Abstr.) **(Jpn)**

[Mixed connective tissue disease with Adie's syndrome and mononeuritis multiplex including trigeminal sensory neuropathy] Oishi T, et al. **Rinsho Shinkeigaku** 1984 Sep; 24(9):941-4 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

Peripheral polyneuropathy and monoclonal gammopathy of undetermined significance. Krol-v Straaten MJ, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):706-8

Tick-borne meningopolyneuritis (Garin-Bujadoux, Bannwarth). Ackermann R, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):485-90

[Polyneuropathy--an unpopular diagnosis?] Kügelgen B. **Fortschr Med** 1985 Jun 13;103(22):605-9 (Eng. Abstr.) **(Ger)**

[Erythema chronicum migrans with Bannwarth syndrome (Garin-Bujadoux-Bannwarth meningopolyneuritis)] Kutzner H, et al. **Hautarzt** 1984 Nov;35(11):585-7 (Eng. Abstr.) **(Ger)**

[Endocrine and metabolic polyneuropathies] Meier C. **Internist (Berlin)** 1984 Oct;25(10):620-8 **(Ger)**

[Diabetic polyneuropathy from the neurologic viewpoint] Neundörfer B. **Internist (Berlin)** 1984 Oct;25(10):613-9 **(Ger)**

[Hashimoto thyroiditis with polyneuropathy and multiple entrapment syndromes] Fritze J, et al. **Nervenarzt** 1984 Oct; 55(10):549-51 **(Ger)**

DRUG THERAPY

[Symptomatic therapy in polyneuropathies] Scholz E, et al. **Internist (Berlin)** 1984 Oct;25(10):648-52 **(Ger)**

ETIOLOGY

Vibration-induced neuropathy among forestry workers. Färkkilä M, et al. **Acta Neurol Scand** 1985 Mar;71(3):221-5

Polycythemia vera with acute peripheral neuropathy. Swamy HS, et al. **J Assoc Physicians India** 1984 Dec;32(12):1077-8

Acute polyneuritis with cranial nerve involvement following Campylobacter jejuni infection [letter] Wroe SJ, et al. **J Neurol Neurosurg Psychiatry** 1985 Jun;48(6):593

[The alcoholic polyneuropathy] Zimmermann CW, et al. **Internist (Berlin)** 1984 Oct;25(10):637-41 **(Ger)**

[Autonomic alcoholic polyneuropathy] Weise F, et al. **Z Gesamte Inn Med** 1985 Mar 1;40(5):160-2 (Eng. Abstr.) **(Ger)**

[Familial amyloidosis with polyneuropathy presenting restrictive cardiomyopathy as its main manifestation] Yoshioka J, et al. **Nippon Naika Gakkai Zasshi** 1984 May; 73(5):622-31 **(Jpn)**

[Alcoholic neuropathy and thiamine deficiency neuropathy] Takahashi K. **No To Shinkei** 1984 Aug;36(8):729-35 **(Jpn)**

[Alcoholic polyneuropathy] Mrowiec W, et al. **Wiad Lek** 1984 Apr 1;37(7):531-5 (21 ref.) **(Pol)**

FAMILIAL & GENETIC

The steroid treatment of hereditary motor and sensory neuropathy. Prensky AL, et al. **Neuropediatrics** 1984 Oct; 15(4):203-7

[Hereditary polyneuropathies] Tackmann W. **Internist (Berlin)** 1984 Oct;25(10):642-7 **(Ger)**

[A family of von Recklinghausen's neurofibromatosis complicated by mononeuritis multiplex, bilateral acoustic neurinomas, and falx and spinal meningiomas] Mori M, et al. **No To Shinkei** 1985 Apr;37(4):403-8 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

Reactivity of sera and isolated monoclonal IgM from patients with Waldenström's macroglobulinaemia with peripheral nerve myelin. Harbs H, et al. **J Neurol** 1985;232(1):43-8

Chronic inflammatory polyneuropathy. Reduction of nerve conduction velocities in monkeys by systemic passive transfer of immunoglobulin G. Heininger K, et al. **J Neurol Sci** 1984 Oct;66(1):1-14

Diagnostic significance of IgG-synthesizing activated B cells in acute inflammatory diseases of the central nervous system. Schädlich HJ, et al. **Klin Wochenschr** 1985 Jun 3; 63(11):505-10

Humoral abnormalities in three patients with idiopathic chronic polyneuropathy. Coyle PK, et al. **NY State J Med** 1985 Jun;85(6):248-50

[Increased serum IgA levels in alcoholic polyneuropathy. Pathogenetic discussion] Planchon B, et al. **Ann Med Interne (Paris)** 1985;136(3):233-5 (Eng. Abstr.) **(Fre)**

[Inflammatory and immunologically-induced diseases of the peripheral nerves] Wiethölter H, et al. **Internist (Berlin)** 1984 Oct;25(10):599-606 **(Ger)**

PATHOLOGY

Combined scatter diagrams of sheath thickness and fibre calibre in human sural nerves: changes with age and neuropathy. Friede RL, et al. **J Neurol Neurosurg Psychiatry** 1985 Aug;48(8):749-56

[Morphologic knowledge of polyneuropathy in progressive scleroderma] Korting GW, et al. **Hautarzt** 1984 Aug; 35(8):425-7 (Eng. Abstr.) **(Ger)**

[Pathology of polyneuropathies] Schröder JM. **Internist (Berlin)** 1984 Oct;25(10):589-98 **(Ger)**

PHYSIOPATHOLOGY

Thermal sensitivity in uremic neuropathy. Lindblom U, et al. **Acta Neurol Scand** 1985 Apr;71(4):290-4

Vibratory perception threshold compared with nerve conduction velocity in the evaluation of uremic neuropathy. Tegnér R, et al. **Acta Neurol Scand** 1985 Apr; 71(4):284-9

Thiamine deficiency and nervous system function disturbances. Claus D, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(6):390-4

Sarcoidosis of the peripheral nerve: clinical, electrophysiological and histological study of two cases. Galassi G, et al. **Eur Neurol** 1984;23(6):459-65

[Effect of hemodialysis on somatosensory evoked potentials in uremia patients] Niemann G, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(3):184-8 (Eng. Abstr.) **(Ger)**

[Electrophysiologic studies in polyneuropathies] Stöhr M. **Internist (Berlin)** 1984 Oct;25(10):583-8 **(Ger)**

[Eaton-Lambert myasthenic syndrome, subacute cortical cerebellar degeneration and somatosensory polyneuropathy in small cell bronchial cancer] König F, et al. **Nervenarzt** 1984 Aug;55(8):436-40 **(Ger)**

[Neurophysiologic findings in chronic alcohol abuse] Müller D, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Mar; 37(3):129-32 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

The POEMS syndrome: report of three cases with radiographic abnormalities. Tanaka O, et al. **Radiologe** 1984 Oct;24(10):472-4

THERAPY

Apheresis in chronic inflammatory demyelinating polyneuropathy and in renal transplantation. Health and Public Policy Committee, American College of Physicians. **Ann Intern Med** 1985 Oct;103(4):630-3

[Effective plasma exchange for a patient with malignant rheumatoid arthritis complicated with polyneuritis: a case report] Itoh M, et al. **Nippon Naika Gakkai Zasshi** 1985 Mar;74(3):307-13 **(Jpn)**

[Laser therapy of peripheral nerve diseases] Durinian RA, et al. **Sov Med** 1984;(8):100-4 **(Rus)**

[Treatment of diabetic polyneuropathy] Efimov AS, et al. **Sov Med** 1985;(2):83-9 **(Rus)**

[Treatment of pruritus and polyneuropathy in patients with chronic renal failure by intermittent plasmapheresis] Vorob'ev PA, et al. **Ter Arkh** 1984;56(11):91-4 (Eng. Abstr.) **(Rus)**

TRANSMISSION

[Meningopolyneuritis (Garin-Bujadoux, Bannwarth) erythema chronicum migrans disease of the nervous system transmitted by ticks] Schmidt R, et al. **Fortschr Neurol Psychiatr** 1985 May;53(5):145-53 (Eng. Abstr.) **(Ger)**

POLYNUCLEAR AROMATIC HYDROCARBONS see **POLYCYCLIC HYDROCARBONS**

POLYNUCLEOTIDE HYDROXYLKINASE see under **PHOSPHOTRANSFERASES, ATP**

POLYNUCLEOTIDE LIGASES see **POLYNUCLEOTIDE SYNTHETASES**

POLYNUCLEOTIDE PHOSPHORYLASE

Enzymatic synthesis of uniformly 32P-labeled polyribonucleotides and high-specific-activity ribonucleoside 5'-[alpha-32P]diphosphates. Kang C, et al. **Anal Biochem** 1985 Jan;144(1):291-5

METABOLISM

Preparation and properties of highly-purified Vibrio costicola polynucleotide phosphorylase. Harry K, et al. **Biochim Biophys Acta** 1985 Mar 22;828(1):29-38

Enzymatic polymerization of 5-mercuriuridine-5'-diphosphate with polynucleotide phosphorylase from E. coli. Blandin M, et al. **Biochimie** 1984 Sep-Oct;66(9-10):645-50

Enzymatic activities in thylakoid membranes, which form medium [32P]NDP and [32P]ATP from 32Pi. Polynucleotide phosphorylase and adenylate kinase. Feldman RI, et al. **Eur J Biochem** 1984 Sep 17;143(3):583-8

STANDARDS

A novel RNA digesting activity from commercial polynucleotide phosphorylase. Labuda D, et al. **FEBS Lett** 1985 Jan 7;179(2):213-6

POLYNUCLEOTIDE SYNTHETASES

ANALYSIS

DNA ligase activities during hepatocarcinogenesis induced by N-2-acetylaminofluorene. Chan JY, et al. **Carcinogenesis** 1985 Sep;6(9):1275-7

DNA ligases in human leukemia. David JC, et al. **Leuk Res** 1985;9(7):851-8

ANTAGONISTS & INHIBITORS

Inhibition of DNA polymerase alpha, DNA polymerase beta, terminal deoxynucleotidyl transferase, and DNA ligase II by poly(ADP-ribosyl)ation reaction in vitro. Yoshihara K, et al. **Biochem Biophys Res Commun** 1985 Apr 16; 128(1):61-7

Inhibition of DNA ligase from human thymocytes and normal or leukemic lymphocytes by antileukemic drugs. David JC, et al. **Cancer Res** 1985 May;45(5):2177-83

Novobiocin-mediated inhibition of polymerization and ligation of DNA in vitro. Meechan PJ, et al. **Mutat Res** 1984 Oct;141(2):69-73

BIOSYNTHESIS

Biosynthesis of mammalian DNA ligase. Teraoka H, et al. **J Biol Chem** 1985 Mar 10;260(5):2937-40

Induction of 3-methyladenine DNA glycosylase II is recA+-independent. Evensen G. **Mutat Res** 1985 Sep; 146(2):143-7

Regulation of expression of the cloned ada gene in Escherichia coli. Nakabeppu Y, et al. **Mutat Res** 1985 Sep; 146(2):155-67

Ability of various alkylating agents to induce adaptive and SOS responses: a study with lacZ fusion. Otsuka M, et al. **Mutat Res** 1985 Sep;146(2):149-54

BLOOD

Identification of viral infections in pregnancy by assay of (2'-5')-oligo-isoadenylate synthetase. Schoenfeld A, et al. **Early Hum Dev** 1985 Jan;10(3-4):279-86

DEFICIENCY

Cells from an immunodeficient patient (46BR) with a defect in DNA ligation are hypomutable but hypersensitive to the induction of sister chromatid exchanges. Henderson LM, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2044-8

GENETICS

Regulation of CDC9, the Saccharomyces cerevisiae gene that encodes DNA ligase. Peterson TA, et al. **Mol Cell Biol** 1985 Jan;5(1):226-35

A minor pathway of postreplication repair in Escherichia coli is independent of the recB, recC and recF genes. Sharma RC, et al. **Mutat Res** 1985 Sep;146(2):169-76

IMMUNOLOGY

Immunohistochemical and biochemical studies on DNA ligase from a rat liver parenchymal cell line. Teraoka H, et al. **Cell Biol Int Rep** 1985 Apr;9(4):351-5

ISOLATION & PURIFICATION

Isolation and characterization of an RNA ligase from HeLa cells. Perkins KK, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):684-8

METABOLISM

Synthesis and purification of oligoribonucleotides using T4 RNA ligase and reverse-phase chromatography. Middleton T, et al. **Anal Biochem** 1985 Jan;144(1):110-7

Donor activation in the T4 RNA ligase reaction. McLaughlin LW, et al. **Biochemistry** 1985 Jan 15;24(2):267-73

Location of the adenylyiation site in T4 RNA ligase. Thøgersen HC, et al. **Eur J Biochem** 1985 Mar 1; 147(2):325-9

DNA ligases as markers of lymphoid cell maturation and heterogeneity in the chicken. David JC, et al. **Eur J Immunol** 1985 Jan;15(1):77-82

Uvr-independent repair of 8-methoxypsoralen crosslinks in Escherichia coli: evidence for a recombinational process. Cupido M, et al. **Mutat Res** 1985 Sep;146(2):135-41

Polymer-stimulated ligation: enhanced ligation of oligo- and polynucleotides by T4 RNA ligase in polymer solutions. Harrison B, et al. **Nucleic Acids Res** 1984 Nov 12; 12(21):8235-51

Influence of monovalent cations on the activity of T4 DNA ligase in the presence of polyethylene glycol. Hayashi K, et al. **Nucleic Acids Res** 1985 May 10;13(9):3261-71

Hexamine cobalt chloride promotes intermolecular ligation of blunt end DNA fragments by T4 DNA ligase. Rusche JR, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):1997-2008

[Hydrolytic stability of a covalent AMP-RNA ligase complex] Iuodka BA, et al. **Bioorg Khim** 1985 Jun; 11(6):821-5 (Eng. Abstr.) **(Rus)**

[Substrate specificity of T4 RNA-ligase. The effect of the nucleotide sequence of the minimum phosphate acceptor on the efficacy of intermolecular ligation] Maĭstrenko VF, et al. **Bioorg Khim** 1984 Apr;10(4):498-505 (Eng. Abstr.) **(Rus)**

[Enzymatic synthesis of oligonucleotides corresponding to the 3'-terminus of influenza virus RNA] Zhenodarova SM, et al. **Bioorg Khim** 1983 Oct;9(10):1382-7 (Eng. Abstr.) **(Rus)**

POLYNUCLEOTIDES

Conformation, dynamics, and structural transitions of the TATA box region of self-complementary d[(C-G)n-T-A-T-A-(C-G)n] duplexes in solution. Patel DJ, et al. **Biochemistry** 1985 Feb 12;24(4):926-35

The binding of actinomycin D and Adriamycin to supercoiled DNA, single-stranded DNA and polynucleotides. Simpkins H, et al. **Biochim Biophys Acta** 1984 Dec 14;783(3):293-300

A single apurinic site can elicit BAL 31 nuclease-catalyzed cleavage in duplex DNA. Wei CF, et al. **Biochim Biophys Acta** 1984 Sep 10;782(4):408-14

Polymer-stimulated ligation: enhanced ligation of oligo- and polynucleotides by T4 RNA ligase in polymer solutions. Harrison B, et al. **Nucleic Acids Res** 1984 Nov 12; 12(21):8235-51

Structure-spectrum correlations in nucleic acids. I. Raman lines in the 600-700 cm-1 range of guanosine residue. Nishimura Y, et al. **Nucleic Acids Res** 1984 Sep 11; 12(17):6901-8

Salt induced transitions between multiple conformations of poly (rG-m5dC).poly (rG-m5dC). Wu HY, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):3931-40

Salt-induced Z-A-Z transition sequence in the mixed ribo-deoxyribo copolymer poly(rG-dC) X poly(rG-dC). Wu HY, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(23):7284-7

ANALYSIS

Differentiation of apurinic/apyrimidinic sites and single-strand breaks in DNA by formamide- and alkaline-sucrose gradient sedimentation. Ross J, et al. **Anal Biochem** 1985 Jan;144(1):212-7

On the nature of Romanowsky-Giemsa staining and the Romanowsky-Giemsa effect. I. Model experiments on the specificity of azure B-eosin Y stain as compared with other thiazine dye-eosin Y combinations. Wittekind DH, et al. **Histochem J** 1985 Mar;17(3):263-89

Absence of pyrimidine insertase activity in E. coli extracts, using plasmid DNA containing apyrimidinic sites. Martin B, et al. **Mutat Res** 1984 Sep-Oct;132(3-4):87-93

Halogenated nucleic acids: base properties and conformation of fluorinated derivatives. Alderfer JL, et al. **Prog Clin Biol Res** 1985;172A:249-61

BIOSYNTHESIS

Template-directed synthesis on oligodeoxycytidylate and polydeoxycytidylate templates. Chen CB, et al. **J Mol Biol** 1985 Jan 20;181(2):271-9

CHEMICAL SYNTHESIS

Use of a synthetic oligonucleotide to identify a chromosomal gene for chloramphenicol acetyltransferase in a plasmid-bearing Flavobacterium. Beschle HG, et al. **J Gen Microbiol** 1984 Dec;130 (Pt 12):3335-8

Template-directed polynucleotide synthesis on mineral surfaces. Schwartz AW, et al. **J Mol Evol** 1984-85; 21(3):299-300

[Synthesis of a 33-member polynucleotide containing the 'core' att site of phage lambda DNA and its cloning] Kravchenko VV, et al. **Bioorg Khim** 1984 Feb;10(2):220-5 (Eng. Abstr.) **(Rus)**

GENETICS

Action of intact AP (apurinic/apyrimidinic) sites and AP sites associated with breaks on the transcription of T7 coliphage DNA by Escherichia coli RNA polymerase. Flamée PA, et al. **Biochem J** 1985 Jul 1;229(1):173-81

Differential effect of amino acid residues on the stability of double helices formed from polyribonucleotides and its possible relation to the evolution of the genetic code. Porschke D. **J Mol Evol** 1984-85;21(2):192-8

Apurinic sites cause mutations in simian virus 40. Gentil A, et al. **Mutat Res** 1984 Nov;129(2):141-7

Endonuclease-resistant apyrimidinic sites formed by neocarzinostatin at cytosine residues in DNA: evidence for a possible role in mutagenesis. Povirk LF, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3182-6

[Constraints on base sequences in a polynucleotide: I. Significance of the degeneration of the code] Hénaut A, et al. **C R Acad Sci [III]** 1985;301(6):277-82 (Eng. Abstr.) **(Fre)**

ISOLATION & PURIFICATION

Fourth International Symposium on High-Performance Liquid Chromatography of Proteins, Peptides and Polynucleotides. Part II. Baltimore, MD, December 10-12, 1984. **J Chromatogr** 1985 Jun 26;327:1-383

Fourth International Symposium on High-Performance Liquid Chromatography of Proteins, Peptides and Polynucleotides. Baltimore, MD, December 10-12, 1984. Part I. **J Chromatogr** 1985 Jun 19;326:1-445

METABOLISM

Salt-dependent binding of Escherichia coli initiation factor 3 to nucleic acids determined by sedimentation partition chromatography. Schmidt BF, et al. **Arch Biochem Biophys** 1985 Jul;240(1):207-16

Deoxyribonuclease IV from rat liver chromatin and the excision of apurinic sites from depurinated DNA. Grondal-Zocchi G, et al. **Biochem J** 1985 Jan 15; 225(2):535-42

Polynucleotide evolution and branching processes. Demetrius L, et al. **Bull Math Biol** 1985;47(2):239-62

Time-resolved fluorescence of bacteriophage Pf1 DNA-binding protein. Determination of oligonucleotide and polynucleotide binding parameters. Kneale GG, et al. **Eur J Biochem** 1985 May 15;149(1):85-93

PHARMACODYNAMICS

Antitemplate effect of polynucleotides and their hybrid complexes. Aradi J, et al. **Cancer Biochem Biophys** 1985 Feb;7(4):349-59

POLYOMAVIRUSES

Detection of human polyomavirus DNA in urine specimens by hybridot assay. Gibson PE, et al. **Arch Virol** 1985; 84(3-4):233-40

[Metastatic properties of rat FR 3T3 cells, transformed by polyomavirus in the Fisher rat] de Lapeyrière O, et al. **Bull Cancer (Paris)** 1984;71(5):466-7 **(Fre)**

ANALYSIS

Virion assembly defect of polyomavirus hr-t mutants: underphosphorylation of major capsid protein VP1 before viral DNA encapsidation. Garcea RL, et al. **J Virol** 1985 May;54(2):311-6

Progressive multifocal leucoencephalopathy: analysis of JC virus DNA from brain and kidney tissue. Dörries K. **Virus Res** 1984 Jan;1(1):25-38

DRUG EFFECTS

Control of Polyomavirus T-antigen and DNA synthesis in mouse embryo fibroblast cells by vitamin A. Russell JK, et al. **Cancer Res** 1985 May;45(5):2098-102

ENZYMOLOGY

The nucleotide binding site detected by affinity labeling in the large T proteins of polyoma and SV40 viruses is distinct from their ATPase catalytic site. Clertant P, et al. **J Biol Chem** 1984 Dec 25;259(24):15196-203

GENETICS

Rescue of silent integrated polyoma genomes suggests homologous recombination between resident and transfected DNA fragments. Katinka M. **Biochimie** 1984 Nov-Dec;66(11-12):681-91

Enhancement of cellular src gene product associated tyrosyl kinase activity following polyoma virus infection and transformation. Bolen JB, et al. **Cell** 1984 Oct;38(3):767-77

Two distinct enhancers with different cell specificities coexist in the regulatory region of polyoma. Herbomel P, et al. **Cell** 1984 Dec;39(3 Pt 2):653-62

Does the large T protein of polyoma virus regulate the expression of the cellular myc gene? Glaichenhaus N, et al. **Curr Top Microbiol Immunol** 1984;113:20-5

Common features of polyomavirus mutants selected on PCC4 embryonal carcinoma cells. Melin F, et al. **EMBO J** 1985 Jul;4(7):1799-803

A mouse DNA sequence that mediates integration and excision of polyoma virus DNA. Sylla BS, et al. **Gene** 1984 Sep;29(3):343-50

Studies on the polyoma-virus-induced tumor-specific transplantation antigen (TSTA)--does middle or large T-antigen play a role? Dalianis T, et al. **Int J Cancer** 1984 Sep 15;34(3):403-6

Genome analysis of BK (WW) viral DNA cloned directly from human urine. Chauhan S, et al. **Intervirology** 1984; 22(3):170-6

Oncogenes: growth regulation and the papovaviruses polyoma and SV40. Smith AE. **J Cell Biochem** 1984; 26(2):89-93 (52 ref.)

Middle tumor antigen of polyomavirus transformation-defective mutant NG59 is associated with pp60c-src. Bolen JB, et al. **J Virol** 1985 Jan;53(1):114-9

Isolation of a polyomavirus with an insertion of foreign DNA in the early gene promoter region. Clark KL, et al. **J Virol** 1984 Dec;52(3):1032-5

Multiple binding sites for polyomavirus large T antigen within regulatory sequences of polyomavirus DNA. Cowie A, et al. **J Virol** 1984 Dec;52(3):750-60

Simian agent 12 is a BK virus-like papovavirus which replicates in monkey cells. Cunningham TP, et al. **J Virol** 1985 May;54(2):483-92

Sequences in the polyomavirus DNA regulatory region involved in viral DNA replication and early gene expression. Dailey L, et al. **J Virol** 1985 Jun;54(3):739-49

Enhancement of the transforming capacity of BK virus by partial deletion of the 68-base-pair tandem repeats. Hara K, et al. **J Virol** 1985 Sep;55(3):867-9

Differences in regulatory sequences of naturally occurring JC virus variants. Martin JD, et al. **J Virol** 1985 Jan; 53(1):306-11

Isolation of polyomavirus mutants multiadapted to murine embryonal carcinoma cells. Melin F, et al. **J Virol** 1985 Mar;53(3):862-6

The major site of tyrosine phosphorylation in polyomavirus middle T antigen is not required for transformation. Mes-Masson AM, et al. **J Virol** 1984 Nov;52(2):457-64

DNA rearrangement in the control region for early transcription in a human polyomavirus JC host range mutant capable of growing in human embryonic kidney cells. Miyamura T, et al. **J Virol** 1985 Jun;54(3):750–6

Simian virus 40 and polyomavirus large tumor antigens have different requirements for high-affinity sequence-specific DNA binding. Scheller A, et al. **J Virol** 1985 May; 54(2):532–45

Naturally occurring BK virus variants (JL and Dik) with deletions in the putative early enhancer-promoter sequences. ter Schegget J, et al. **J Virol** 1985 Jan; 53(1):302–5

Decreasing the number of 68-base-pair tandem repeats in the BK virus transcriptional control region reduces plaque size and enhances transforming capacity. Watanabe S, et al. **J Virol** 1985 Sep;55(3):823–5

Homologous recombination of polyoma virus DNA in mouse cells. Kovar H, et al. **MGG** 1985;199(1):146–51

Host species specificity of polyomavirus DNA replication is not altered by simian virus 40 72-base-pair repeats. Campbell BA, et al. **Mol Cell Biol** 1985 Jun;5(6):1534–7

An antibody to a synthetic peptide recognizes polyomavirus middle-T antigen and reveals multiple in vitro tyrosine phosphorylation sites. Harvey R, et al. **Mol Cell Biol** 1984 Jul;4(7):1334–42

Transcription from the polyoma late promoter in cells stably transformed by chimeric plasmids. Kern FG, et al. **Mol Cell Biol** 1985 Apr;5(4):797–807

A polyoma mutant that encodes small T antigen but not middle T antigen demonstrates uncoupling of cell surface and cytoskeletal changes associated with cell transformation. Liang TJ, et al. **Mol Cell Biol** 1984 Dec; 4(12):2774–83

BK virus-plasmid expression vector that persists episomally in human cells and shuttles into Escherichia coli. Milanesi G, et al. **Mol Cell Biol** 1984 Aug;4(8):1551–60

Location of sequences in polyomavirus DNA that are required for early gene expression in vivo and in vitro. Mueller CR, et al. **Mol Cell Biol** 1984 Dec;4(12):2594–609

Isolation of large T antigen-producing mouse cell lines capable of supporting replication of polyomavirus-plasmid recombinants. Muller WJ, et al. **Mol Cell Biol** 1984 Nov; 4(11):2406–12

Polyomavirus enhancer contains multiple redundant sequence elements that activate both DNA replication and gene expression. Veldman GM, et al. **Mol Cell Biol** 1985 Apr; 5(4):649–58

A common function for polyoma virus large-T and papillomavirus E1 proteins? Clertant P, et al. **Nature** 1984 Sep 20–26;311(5983):276–9

Focus formation in rat fibroblasts exposed to a tumour promoter after transfer of polyoma plt and myc oncogenes. Connan G, et al. **Nature** 1985 Mar 21–27;314(6008):277–9

Suppression of leukaemia virus pathogenicity by polyoma virus enhancers. Davis B, et al. **Nature** 1985 Apr 11–17; 314(6011):550–3

Polyoma virus DNA replication requires an enhancer. de Villiers J, et al. **Nature** 1984 Nov 15–21;312(5991):242–6

Differential activation of RNA polymerase III-transcribed genes by the polyomavirus enhancer and the adenovirus E1A gene products. Berger SL, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1413–28

Functional analysis of the regulatory region of polyoma mutant F9-1 DNA. Böhnlein E, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4789–809

Inhibition of polyoma DNA synthesis by base pair substitutions at the replication origin. Luthman H, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7503–515

Expression of polyoma early gene products in E. coli. Schaffhausen B, et al. **Nucleic Acids Res** 1985 Jan 25; 13(2):501–19

Direct transfection of viral and plasmid DNA into the liver or spleen of mice. Dubensky TW, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7529–33

Regulation of polyomavirus transcription by large tumor antigen. Farmerie WG, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6919–23

An adenovirus vector system used to express polyoma virus tumor antigens. Mansour SL, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1359–63

The effect of colonizing mice with laboratory and wild type strains of E. coli containing tumor virus genomes. Smith C Jr, et al. **Recomb DNA Tech Bull** 1985 Jun;8(2):47–51

JC virus enhancer-promoter active in human brain cells. Kenney S, et al. **Science** 1984 Dec 14;226(4680):1337–9

Rescue of BKV from BKV-transformed hamster, rat, and mouse cells: correlation with levels of nonintegrated viral DNA. Burrington MG, et al. **Virology** 1984 Oct 15; 138(1):168–73

Sequence homology between the large tumor antigen of polyoma viruses and the putative E1 protein of papilloma viruses. Seif I. **Virology** 1984 Oct 30;138(2):347–52

The temperature-sensitive defect in polyoma virus P155 mutant. Galup C, et al. **Virus Res** 1984 Sep;1(6):469–75

GROWTH & DEVELOPMENT

Establishment of a line of human fetal glial cells that supports JC virus multiplication. Major EO, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1257–61

IMMUNOLOGY

BK virus specific IgM responses in cord sera, young children and healthy adults detected by RIA. Brown DW, et al. **Arch Virol** 1984;82(3–4):149–60

Membrane antigens associated with infection, transformation, and tumorigenesis by polyoma virus. Witz IP, et al. **Cancer Immunol Immunother** 1984;17(3):147–53 (54 ref.)

Polyoma virus-induced tumor-specific transplantation antigen (TSTA) is a mouse and rat cross-species-reacting antigen [letter] Ramqvist T, et al. **Eur J Cancer Clin Oncol** 1984 Dec;20(12):1557–60

Recent progress in studies of polyomavirus tumour antigens. Magnusson G. **Exp Cell Res** 1985 Mar;157(1):1–7 (54 ref.)

Detection of BK virus antibodies measured by enzyme-linked immunosorbent assay (ELISA) and two haemagglutination inhibition methods: a comparative study. Flaegstad T, et al. **J Med Virol** 1985 Aug;16(4):351–6

Measurement of BK papovavirus IgG and IgM by radioimmunoassay (RIA). Zapata M, et al. **J Med Virol** 1984;14(2):101–14

Demonstration of T antigens on the surface of cells transformed with primate polyoma viruses. Ohno T, et al. **Microbiol Immunol** 1985;29(1):39–46

Large-scale production of polyoma middle T antigen by using genetically engineered tumors. Kaplan DR, et al. **Mol Cell Biol** 1985 Jul;5(7):1795–9

Cross-reaction of BK virus large T antigen with monoclonal antibodies directed against SV40 large T antigen. Mann RS, et al. **Virology** 1984 Oct 30;138(2):379–85

ISOLATION & PURIFICATION

Distribution of polyoma virus in the organs of newborn Wistar rats after subcutaneous inoculation. Verhagen W, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Dec; 258(2–3):327–36

METABOLISM

[Patient with progressive multifocal leukoencephalopathy by in situ hybridization: comparison of in situ hybridization using isotopic and biotinylated probes] Nakamura S, et al. **No To Shinkei** 1985 Apr;37(4):359–64 (Eng. Abstr.) **(Jpn)**

PATHOGENICITY

A determinant of polyomavirus virulence enhances virus growth in cells of renal origin. Bolen JB, et al. **J Virol** 1985 Jan;53(1):335–9

PHYSIOLOGY

Transformation of hamster embryo cells by chymotrypsin-treated and untreated polyoma virus: characterization of transformants. Chlumecky V, et al. **Can J Microbiol** 1985 Apr;31(4):356–60

Small and middle T antigens contribute to lytic and abortive polyomavirus infection. Türler H, et al. **J Virol** 1985 Feb; 53(2):579–86

Restricted replication of BK virus in human lymphocytes. Portolani M, et al. **Microbiologica** 1985 Jan;8(1):59–66

Differential replication of SV40 and polyoma DNAs in Chinese hamster ovary cells. La Bella F, et al. **Virus Res** 1985 Jun;2(4):329–44

ULTRASTRUCTURE

Adenoma malignum/urothelial-cell viral infections [letter] Deitchman BA. **Acta Cytol (Baltimore)** 1985 Mar–Apr; 29(2):185–6

POLYOXYETHYLENES see **POLYETHYLENE GLYCOLS**

POLYPEPTIDES see **PEPTIDES**

POLYPHLORETIN PHOSPHATE see under **PHLORETIN**

POLYPHOSPHATES

Quantitative polyphosphate-induced 'prebiotic' peptide formation in H2O by addition of certain azoles and ions. Rabinowitz J, et al. **J Mol Evol** 1984–85;21(2):199–201

Novel method for the preparation of controlled-release theophylline granules coated with a polyelectrolyte complex of sodium polyphosphate-chitosan. Kawashima Y, et al. **J Pharm Sci** 1985 Mar;74(3):264–8

ANALYSIS

Amount and chain length of polyphosphates in Escherichia coli depend on cell growth conditions. Rao NN, et al. **J Bacteriol** 1985 Apr;162(1):242–7

Incorporation and toxicity of 32P-orthophosphate and occurrence of polyphosphate in Entamoeba trophozoites. López-Revilla R, et al. **J Protozool** 1985 May;32(2):353–5

DIAGNOSTIC USE

Early positive technetium-99m stannous pyrophosphate images as a marker of reperfusion after thrombolytic therapy for acute myocardial infarction. Wheelan K, et al. **Am J Cardiol** 1985 Aug 1;56(4):252–6

Comparison of technetium-99m pyrophosphate and technetium-99m methylene diphosphonate with variable amounts of stannous chloride in the detection of acute myocardial infarction. Huckell VF, et al. **Clin Nucl Med** 1985 Jul;10(7):455–62

Technetium-99m labeling of polymorphonuclear leukocytes: preparation with two different stannous agents. Kelbaek H, et al. **J Nucl Med** 1985 Jan;26(1):68–71

[Effect of body loading on the specific blood radioactivity following 99mTc in-vivo erythrocyte labelling. The effects on determining end-diastolic volume in equilibrium radionuclide ventriculography] Knesewitsch P, et al. **Nuklearmedizin** 1985 Feb;24(1):18–21 (Eng. Abstr.) **(Ger)**

[Count density method for sizing myocardial infarction with Tc-99m-stannous pyrophosphate myocardial scintigraphy] Kiriyama T, et al. **Kaku Igaku** 1985 Jan;22(1):75–9 (Eng. Abstr.) **(Jpn)**

METABOLISM

Changes of ATP, polyphosphate and K+ contents in Saccharomyces carlsbergensis during uptake of Mn2+ and glucose. Okorokov LA, et al. **Biochem Int** 1983 Apr; 6(4):481–8

Studies of phosphorus metabolism by isolated nuclei. XII. Some fundamental properties of the incorporation of 32Pi into polyphosphate by rat liver nuclei. Penniall R, et al. **Biosci Rep** 1984 Nov;4(11):957–62

The enzymatic conversion of dihydroneopterin triphosphate to tripolyphosphate and 6-pyruvoyl-tetrahydropterin, an intermediate in the biosynthesis of other pterins in Drosophila melanogaster. Switchenko AC, et al. **J Biol Chem** 1985 Mar 10;260(5):2945–51

Phosphorylation enzymes of the propionic acid bacteria and the roles of ATP inorganic pyrophosphate, and polyphosphates. Wood HG, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):312–5

POLYPLOIDY

Tetraploidy: a report of three live-born infants. Scarbrough PR, et al. **Am J Med Genet** 1984 Sep;19(1):29–37

Impairment of human embryo development after abnormal in vitro fertilization. Plachot M, et al. **Ann NY Acad Sci** 1985;442:336–41

Abnormal hematologic features in a live-born female infant with triploidy. Strobel SL, et al. **Arch Pathol Lab Med** 1985 Aug;109(8):775–7

Hereditary ovarian carcinoma. Biomarker studies. Lynch HT, et al. **Cancer** 1985 Jan 15;55(2):410–5

Chromosomes and causation of human cancer and leukemia. LIV. Near-tetraploidy in acute leukemia. Abe R, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1–2):45–59

Nonrandom chromosome changes in carcinoma of the cervix uteri. II. Ten tumors in the triploid-tetraploid range. Atkin NB, et al. **Cancer Genet Cytogenet** 1984 Nov;13(3):189–207

Major karyotypic abnormalities in a near-tetraploid erythroleukemia. Kočova MJ, et al. **Cancer Genet Cytogenet** 1985 Jun;17(2):143–50

Diploid-tetraploid mosaicism in a malformed boy. Quiroz E, et al. **Clin Genet** 1985 Feb;27(2):183–6

Tetraploidy in two sisters with the polycystic ovary syndrome. Rojanasakul A, et al. **Clin Genet** 1985 Feb; 27(2):167–74

Abnormal hematologic findings in triploidy. Sadowitz PD, et al. **Clin Pediatr (Phila)** 1984 Nov;23(11):641–3

Polyploid cells in ageing hamster fibroblasts in vitro: possible implication of the centrosome. Raes M, et al. **Eur J Cell Biol** 1984 Sep;35(1):70–80

Cytofluorometric nuclear DNA determinations on human corneal endothelial cells. Ikebe H, et al. **Exp Eye Res** 1984 Oct;39(4):497–504

Comparative plasma levels of androgens and 17 beta-estradiol in the diploid and triploid newt, Pleurodeles waltl. Cayrol C, et al. **Gen Comp Endocrinol** 1985 Jun; 58(3):342–6

Heterozygosity and developmental stability in gynogenetic diploid and triploid rainbow trout. Leary RF, et al. **Heredity (Edinburgh)** 1985 Apr;54 (Pt 2):219–25

Isolation of tetraploid clones with high efficiency from diploid 3Y1 rat fibroblasts treated with sodium butyrate. Yamada K, et al. **In Vitro Cell Dev Biol** 1985 Aug; 21(8):428–32

Whole-body X-irradiation of mice accelerates polyploidization of hepatocytes. Shima A, et al. **Int J Radiat Biol** 1985 Mar;47(3):261–5

Characterization of a tetraploid derivative of Candida albicans ATCC 10261. Hubbard MJ, et al. **J Bacteriol** 1985 Feb;161(2):781–3

Control of DNA synthesis in polyploid mammalian cells. Graves JA, et al. **J Cell Physiol** 1984 Nov;121(2):409–14

Formation of proliferative tetraploid cells after treatment of diploid cells with sodium butyrate in rat 3Y1 fibroblasts. Yamada K, et al. **J Cell Physiol** 1985 Jan;122(1):59–63

Growth and aging in the rat: changes in total protein, cellularity, and polyploidy in various organs. Bohman R, et al. **J Exp Zool** 1985 Mar;233(3):385–96

Gene expression of triploidy in six adult intersexual chickens. Miyake Y, et al. **Jpn J Vet Res** 1984 Jul;32(3):143–53

Isolation and culture of a tetraploid subpopulation of smooth muscle cells from the normal rat aorta. Goldberg ID, et al. **Science** 1984 Nov 2;226(4674):559–61

[A case of granulocytic sarcoma with near tetraploidy and pleural and pericardial effusions as initial manifestations] Kusaka H, et al. **Nippon Naika Gakkai Zasshi** 1984 Aug; 73(8):1170–6 **(Jpn)**

POLYPORACEAE see under **BASIDIOMYCETES**

POLYPROPYLENES see under **PLASTICS**

POLYPS

Giant fibrovascular polyp of the esophagus. Carter MM, et al. **Gastrointest Radiol** 1984;9(4):301-3

[Gastric polyps. Diagnostic and therapeutic considerations] Spisni R, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun; 31(2):179-82 (Eng. Abstr.) **(Ita)**

CHEMICALLY INDUCED

Diffuse endobronchial polyposis following a titanium tetrachloride inhalation injury [letter] Glassroth J. **Am Rev Respir Dis** 1984 Dec;130(6):1189

COMPLICATIONS

Filiform polyps of the esophagus with inflammatory bowel disease. Cockey BM, et al. **AJR** 1985 Jun;144(6):1207-8

Association of hypertrophic osteoarthropathy with gastrointestinal polyposis. Simpson EL, et al. **AJR** 1985 May;144(5):983-4

False vocal cord nodules: an unusual case of hoarseness. Handler SD, et al. **Ear Nose Throat J** 1984 Oct;63(10):514-8

Peptic ulcer and hyperplastic polyps in chronic gastric volvulus [letter] Baliardini G, et al. **Gastrointest Endosc** 1985 Aug;31(4):290

Cronkhite-Canada syndrome. A case report and analytical review of 37 other cases reported in Japan. Nishiki M, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):607-14

[Invagination of the stomach into the duodenum as a complication of multiple polyposis] Usanov AP, et al. **Vestn Khir** 1985 Feb;134(2):61 **(Rus)**

DIAGNOSIS

Pathologic quiz case 1. Hairy polyp. Clegg TJ, et al. **Arch Otolaryngol** 1985 Sep;111(9):634-6

Esophagogastric polyp [letter] Emmanoulidis A, et al. **Gastrointest Endosc** 1985 Feb;31(1):55

Diagnosis and management of gastric polyps: study of fifteen cases with review of the literature. Gallagher C, et al. **Ir J Med Sci** 1984 Jul;153(7):242-6

Ultrasonographic diagnosis of an obstructive polyp of the bladder neck. Mueller B, et al. **J Ultrasound Med** 1984 Nov;3(11):521-2

[Polyp of the posterior urethra in the adult as a cause of complete bladder retention (apropos of a case)] Chami I, et al. **Tunis Med** 1984 Nov;62(7):543-5 (Eng. Abstr.) **(Fre)**

[Polypoid processes of the stomach] Seifert E. **Leber Magen Darm** 1983 Sep;13(5):206-11 (Eng. Abstr.) **(Ger)**

[Benign epithelial tumors of the stomach. New diagnostic and therapeutic views] Carella G, et al. **Recenti Prog Med** 1984 Nov;75(11):996-1005 (40 ref.) (Eng. Abstr.) **(Ita)**

[Diagnosis and treatment of early stomach cancer] Malinovskii NN, et al. **Khirurgiia (Mosk)** 1985 Apr;(4):35-40 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

[Protein kinase activity in the gastric mucosa of patients with chronic gastritis and stomach tumors] Sultanov VK, et al. **Klin Med (Mosk)** 1985 Apr;63(4):65-8 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Postgastrectomy polyps--a cause of bleeding. Weinshel E, et al. **Gastrointest Endosc** 1985 Jun;31(3):202-4

[Morphogenesis of gastric polyp in Peutz-Jeghers syndrome] Sakaguchi U. **Nippon Shokakibyo Gakkai Zasshi** 1984 Jul; 81(7):1547-53 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Cytology and histopathology of metastatic malignant melanoma involving a polyp on the uterine cervix. A case report. Bokun R, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug;29(4):612-5

Further studies of intestinal heterotopia in urethral caruncle. Järvi OH, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1984 Nov; 92(6):469-74

Cronkhite-Canada syndrome associated with a rectal cancer and adenomatous changes in colonic polyps. Katayama Y, et al. **Am J Surg Pathol** 1985 Jan;9(1):65-71

Benign polyps with prostatic-type epithelium of the urethra and the urinary bladder. A suggestion of histogenesis based on histologic and immunohistochemical studies. Remick DG Jr, et al. **Am J Surg Pathol** 1984 Nov;8(11):833-9

Pseudomalignant erosion in hyperplastic gastric polyps. Dirschmid K, et al. **Cancer** 1984 Nov 15;54(10):2290-3

Papillary lymphoid polyp of the palatine tonsil. Pyun KS, et al. **Ear Nose Throat J** 1985 May;64(5):243-5

Multiple mucosal bridge formations in the stomach, report of a case. Mai M, et al. **Endoscopy** 1985 Jan;17(1):40-1

Cronkhite Canada syndrome: a new hypothesis. Freeman K, et al. **Gut** 1985 May;26(5):531-6

Multiple lymphomatous polyposis of the gastrointestinal tract. Isaacson PG, et al. **Histopathology** 1984 Jul; 8(4):641-56

Polypoid peritoneal metastases from carcinoid neoplasms. Robb JA, et al. **Hum Pathol** 1984 Oct;15(10):1002-3

Spontaneous disappearance of gastric polyps [letter] Garg K, et al. **Indian J Gastroenterol** 1985 Jul;4(3):207-8

Histopathological classification and malignant change in gastric polyps. Nakamura T, et al. **J Clin Pathol** 1985 Jul; 38(7):754-64

Polypoid lymphangioma of the tonsil: report of two cases and review of the literature. Al Samarrae SM, et al. **J Laryngol Otol** 1985 Aug;99(8):819-23

Generalized juvenile polyposis in an infant: report of a case and successful management by endoscopy. Le Luyer B, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb;4(1):128-34

Giant polypoid basal cell carcinoma. Love GL, et al. **J Surg Oncol** 1985 Mar;28(3):230-1

Inflammatory gastric polyps [letter] Niv Y, et al. **N Engl J Med** 1985 Sep 12;313(11):697-8

Benign epithelial polyps of the stomach. Snover DC. **Pathol Annu** 1985;20 Pt 1:303-29

Gastritis cystica polyposa: a possible precancerous lesion. Franzin G, et al. **Tumori** 1985 Feb 28;71(1):13-8

The inverted urothelial papilloma. Berkhoff WB, et al. **Urol Int** 1985;40(2):93-6

Urethral verumontanal polyp: evidence of prostatic origin. Fan K, et al. **Urology** 1984 Nov;24(5):499-501

[Fundic pedunculated polyp: silent gastrinoma] Pagès A, et al. **Arch Anat Cytol Pathol** 1985;33(1):47-9 (Eng. Abstr.) **(Fre)**

[Glandulo-cystic fundus polyps associated with rectocolonic adenomatous polyposis (letter)] Rogier P, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):191 **(Fre)**

[Gastric polyps in familial adenomatous rectocolonic polyposis (letter)] Boudailliez C, et al. **Presse Med** 1985 Feb 23;14(8):490-1 **(Fre)**

[Inflammatory granulation tissue polyp of the submandibular gland] Scheiden R. **Laryngol Rhinol Otol (Stuttg)** 1985 Apr; 64(4):206-8 (Eng. Abstr.) **(Ger)**

[Telangiectatic anastomoses polyp of the stomach] Dirschmid K, et al. **Leber Magen Darm** 1983 Sep;13(5):212-4 (Eng. Abstr.) **(Ger)**

[Benign tumors of the bile ducts] Brandalise NA, et al. **Arq Gastroenterol** 1984 Jan-Mar;21(1):23-8 (Eng. Abstr.) **(Por)**

[Clinico-morphological aspects of polyps of the cervical mucosa] Mamedov KIu. **Akush Ginekol (Mosk)** 1984 Nov;(11):29-33 (Eng. Abstr.) **(Rus)**

[Giant esophageal polyp] Pugachev AD, et al. **Klin Khir** 1985 May;(5):51-2 **(Rus)**

[Fibrous polyp of the posterior urethra in a 68-year-old adult] Nogueira March JL, et al. **Actas Urol Esp** 1985 Jan-Feb;9(1):103-6 (Eng. Abstr.) **(Spa)**

[Gastric cancer and gastric adenomatous polyp] Cruz Vigo JL, et al. **Rev Esp Enferm Apar Dig** 1984 Sep;66(3):199-204 (Eng. Abstr.) **(Spa)**

RADIOGRAPHY

Case of the month no. 73. Multiple gastric polyps. Hulsey BS, et al. **Ariz Med** 1984 Sep;41(9):606, 609

Posterior urethral polyps in infants and children. Youssif M. **Eur Urol** 1985;11(1):69-70

Gastric polyps: radiological evaluation and clinical significance. Feczko PJ, et al. **Radiology** 1985 Jun; 155(3):581-4

Erosive arthritis in Cronkhite-Canada syndrome. Sanders KM, et al. **Radiology** 1985 Aug;156(2):309-10

Esophagogastric polyps: radiographic and endoscopic findings. Styles RA, et al. **Radiology** 1985 Feb; 154(2):307-11

[Computed tomographic diagnosis and differential diagnosis of juvenile angiofibroma and angiomatous polyps] Irnberger T. **ROFO** 1985 Apr;142(4):391-4 (Eng. Abstr.) **(Ger)**

[Cystic polypoid gastritis on a gastroenterostomy: apropos of a case] Bongiorni G, et al. **Radiol Med (Torino)** 1984 Jan-Feb;70(1-2):56-7 **(Ita)**

[The place of double contrast examination in the diagnosis of cancer of the stomach] Portnoi LM, et al. **Vestn Rentgenol Radiol** 1984 Jul-Aug;(4):27-34 (Eng. Abstr.) **(Rus)**

SECONDARY

Polypoid tumour of the pericardium--a previously unrecognised macroscopic appearance of metastatic bladder carcinoma. Gibbs JL, et al. **Int J Cardiol** 1985 Jun; 8(2):205-8

SURGERY

Successful pregnancy outcome following removal of bilateral cornual polyps by microsurgical linear salpingotomy with the aid of the CO2 laser. McLaughlin DS. **Fertil Steril** 1984 Dec;42(6):939-41

Gastric polyps of epithelial origin: implications for treatment. Cronen PW. **Indiana Med** 1984 Jun;77(6):460-2

Therapeutic hysteroscopy in infertility. Valle RF. **Int J Fertil** 1984;29(3):143-8

CO2 laser surgery of the upper airway. Keane WM, et al. **Surg Clin North Am** 1984 Oct;64(5):955-71 (19 ref.)

Management of gastric polyps: case reports. Hall S 3d. **Va Med** 1985 Feb;112(2):108-10

[Polyps of the ureter. Clinical course and surgical treatment] Lamy S, et al. **Acta Urol Belg** 1984;52(3):406-12 (Eng. Abstr.) **(Fre)**

[Results of endoscopic polypectomy in the upper gastrointestinal tract—a multicenter study] Kratzsch KH, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(2):61-6 (Eng. Abstr.) **(Ger)**

[Therapeutic endoscopy. Gray areas in the gastro-duodenal region] Seifert E. **Schweiz Rundsch Med Prax** 1984 Sep 18;73(38):1139-43 (Eng. Abstr.) **(Ger)**

[Clinical study of ureteral polyp: three cases report and review] Yui Y, et al. **Hinyokika Kiyo** 1985 Apr;31(4):677-81 (Eng. Abstr.) **(Jpn)**

[A case of Cronkhite-Canada syndrome with improvement of hypoproteinemia following gastroileocolectomy] Uchida J, et al. **Nippon Naika Gakkai Zasshi** 1984 Oct; 73(10):1490-6 **(Jpn)**

[Case report of cornual polyp in tubal sterility] Mori R, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May; 37(5):820-3 **(Jpn)**

[Ambulatory treatment of cervical polyps] Sumarević M, et al. **Med Pregl** 1985;38(3-4):197-9 (Eng. Abstr.) **(Scr)**

[Current significance of polypectomy of the upper gastrointestinal tract] Landoni NA, et al. **Acta Gastroenterol Latinoam** 1984;14(4):303-13 (Eng. Abstr.) **(Spa)**

ULTRASTRUCTURE

An immunohistochemical and electron-microscopic study of vascular endothelial cells in vocal fold polyps. Frenzel H, et al. **Arch Otorhinolaryngol** 1985;241(3):271-8

The Cronkhite-Canada syndrome: an ultrastructural study of pathogenesis. Jenkins D, et al. **J Clin Pathol** 1985 Mar; 38(3):271-6

VETERINARY

Tracheal collapse in two cats. Hendricks JC, et al. **J Am Vet Med Assoc** 1985 Aug 15;187(4):418-9

Pharyngeal polyps in two feline siblings. Stanton ME, et al. **J Am Vet Med Assoc** 1985 Jun 15;186(12):1311-3

Selected oral, pharyngeal, and upper respiratory conditions in the cat. Oral tumors, nasopharyngeal and middle ear polyps, and chronic rhinitis and sinusitis. Bradley RL. **Vet Clin North Am [Small Anim Pract]** 1984 Nov; 14(6):1173-84 (47 ref.)

Hyperplastic endometrial polyps in the dog and cat. Gelberg HB, et al. **Vet Pathol** 1984 Nov;21(6):570-3

POLYRADICULITIS

COMPLICATIONS

Re: Acute urinary retention in female patients: diagnosis and treatment [letter] Herbaut AG, et al. **J Urol** 1985 Apr; 133(4):687

DIAGNOSIS

Abdominal pain and weight loss in a patient with well controlled diabetes. Schipper HM, et al. **Can Med Assoc J** 1985 Jul 1;133(1):38-9

[2 coexistent aortic aneurysms with the symptoms of polyradiculitis and renal colic] Klincewicz M, et al. **Wiad Lek** 1984 Sep 15;37(16):1274-7 (Eng. Abstr.) **(Pol)**

ETIOLOGY

Meningoradiculitis associated with infections by Borrelia burgdorferi [letter] Kahan A, et al. **Lancet** 1985 Jul 20; 2(8447):148

[Lymphocytic meningoradiculitis following insect bites (Bannwarth' syndrome)] Wokke JH, et al. **Ned Tijdschr Geneeskd** 1984 Sep 22;128(38):1796-9 (Eng. Abstr.) **(Dut)**

[Extrarespiratory manifestations of Mycoplasma pneumoniae infection] Ruiz Contreras J, et al. **An Esp Pediatr** 1984 Aug; 21(2):141-6 (Eng. Abstr.) **(Spa)**

[Radiculomyelitis following acute hemorrhagic conjunctivitis caused by enterovirus 70. Report of the 1st corroborated case in America] Sáenz RE, et al. **Rev Med Panama** 1984 Sep;9(3):176-81 (Eng. Abstr.) **(Spa)**

VETERINARY

Polymyositis-polyradiculitis due to toxoplasmosis in the dog: serology and tissue biopsy as diagnostic aids. Suter MM, et al. **Zentralbl Veterinarmed [A]** 1984 Dec;31(10):792-8

POLYRADICULONEURITIS

The doctor as patient: an encounter with Guillain-Bárré syndrome. Bowes D. **Can Med Assoc J** 1984 Dec 1; 131(11):1343-8

Prognosis in Guillain-Barré syndrome. Winer JB, et al. **Lancet** 1985 May 25;1(8439):1202-3

The Guillain-Barré syndrome. A review of admissions to an intensive care unit over 8 years. Beale EO, et al. **S Afr Med J** 1985 Jan 5;67(1):10-2

BLOOD

Circulating T-cell subsets in Guillain-Barré syndrome. Lisak RP, et al. **J Neuroimmunol** 1985 May;8(2-3):93-101

CEREBROSPINAL FLUID

Extra- and intrathecal production of antinerve and antibrain antibodies in Guillain-Barré syndrome: evaluation by an antibody index. Ryberg B. **Neurology (NY)** 1984 Oct;34(10):1378-81

CHEMICALLY INDUCED

Guillain-Barré syndrome following danazol and corticosteroid therapy for hereditary angioedema. Hory B, et al. **Am J Med** 1985 Jul;79(1):111-4

Miller-Fisher syndrome (Guillain-Barré syndrome with ophthalmoplegia) during treatment with gold salts in a patient with rheumatoid arthritis [letter] Roquer J, et al. **Arthritis Rheum** 1985 Jul;28(7):838-9

Guillain-Barré syndrome following zimeldine treatment. Fagius J, et al. **J Neurol Neurosurg Psychiatry** 1985 Jan;48(1):65-9

[Polyneuropathy during treatment with carbimazole] Léger JM, et al. **Rev Neurol (Paris)** 1984;140(11):652-6 (Eng. Abstr.) **(Fre)**

[Neuropathy and cerebellar syndrome induced by amiodarone] Mizon JP, et al. **Rev Neurol (Paris)** 1985;141(2):146-8 (Eng. Abstr.) **(Fre)**

[Carbamazepine as a cause of Guillain-Barré syndrome?] Noring L. **Lakartidningen** 1985 May 8;82(19):1778, 1780 **(Swe)**

COMPLICATIONS

Upper airway obstruction in Guillain-Barré syndrome [letter] Wilson FE. **Chest** 1985 Mar;87(3):410-1

Guillain-Barré syndrome associated with acute cytomegalovirus mononucleosis syndrome. Mozes B, et al. **Eur Neurol** 1984;23(4):237-9

Depression and conversion hysteria in chronic inflammatory polyradiculoneuropathy. Drake ME Jr. **J Fam Pract** 1984 Nov;19(5):679-80, 682

Muscle hypertrophy and a syndrome of continuous motor unit activity in prednisone-responsive Guillain-Barré polyneuropathy. Vasilescu C, et al. **J Neurol** 1984;231(5):276-9

Hypercalcaemia complicating polyneuropathy [letter] Jones TH, et al. **J Neurol Neurosurg Psychiatry** 1985 Apr;48(4):390-1

Prolonged ventilation in acute severe asthma caused by the Guillain-Barre-Strohl syndrome. Millar AB, et al. **J R Soc Med** 1984 Nov;77(11):965-6

Prevention of pulmonary complications in severe Guillain-Barré syndrome by early assisted ventilation. Newton-John H. **Med J Aust** 1985 Apr 15;142(8):444-5

Chronic demyelinating polyneuropathy in systemic lupus erythematosus. Rechthand E, et al. **Neurology (NY)** 1984 Oct;34(10):1375-7

Severe hypertension and raised haematocrit: unusual presentation of Guillain-Barré syndrome. Richards AM, et al. **Postgrad Med J** 1985 Jan;61(711):53-5

[Cardiac arrhythmias in Guillain-Barré-Strohl syndrome] Lambregts PC, et al. **Ned Tijdschr Geneeskd** 1985 Feb 9;129(6):260-4 (Eng. Abstr.) **(Dut)**

[Inflammatory polyradiculoneuritis associated with retroperitoneal fibrosis (letter)] Vernay D, et al. **Presse Med** 1985 Mar 2;14(9):549 **(Fre)**

[Guillain-Barre syndrome associated with a cerebral hemisphere lesion. Clinico-radiologic case] Campistol J, et al. **Med Clin (Barc)** 1985 Mar 16;84(10):408-10 (Eng. Abstr.) **(Spa)**

[Guillain-Barré syndrome and tuberculosis. A chance association? (letter)] Sabriá Mestres J, et al. **Rev Clin Esp** 1985 Apr;176(6):320-1 **(Spa)**

DIAGNOSIS

Childhood Guillain-Barré syndrome masquerading as a protracted pain syndrome [letter] Mikati MA, et al. **Arch Neurol** 1985 Sep;42(9):839

Guillain-Barré syndrome. Koski CL. **Neurol Clin** 1984 May;2(2):355-66

Guillain-Barré syndrome in a Danish county. Bak P. **Neurology** 1985 Feb;35(2):207-11

Encephalomyeloneuritis simulating Guillain-Barré syndrome. Brashear HR, et al. **Neurology** 1985 Aug;35(8):1146-51

Guillain-Barré syndrome. Current methods of diagnosis and treatment. Miller RG. **Postgrad Med** 1985 May 15;77(7):57-9, 62-4 (21 ref.)

[Electrodiagnosis of the early stages of the Guillain-Barre syndrome] Ambler Z, et al. **Cesk Neurol Neurochir** 1985 Jul;48(4):245-50 (Eng. Abstr.) **(Cze)**

[Atypical Guillain-Barré syndromes in childhood] Zouhar A, et al. **Cesk Pediatr** 1985 Apr;40(4):204-7 (Eng. Abstr.) **(Cze)**

[Acute intermittent porphyria with clinical symptoms of an atypical polyradiculoneuropathy] Oey PL, et al. **Ned Tijdschr Geneeskd** 1985 Feb 2;129(5):221-3 (Eng. Abstr.) **(Dut)**

[Acute total polyneuritis] Schuchardt V, et al. **Nervenarzt** 1985 Feb;56(2):82-8 **(Ger)**

[Clinical study of seven patients with facial diplegia. Its differentiation between Bell's palsy and variant form of Guillain-Barré syndrome] Saito T, et al. **Rinsho Shinkeigaku** 1984 Jul;24(7):670-8 (Eng. Abstr.) **(Jpn)**

[Clinical and physiopathological aspects of a case of recurrent polyradiculoneuritis zoster] Trușcă E, et al. **Rev Med Interna [Neurol Psihiatr]** 1985 Jan-Mar;30(1):25-9 (Eng. Abstr.) **(Rum)**

DRUG THERAPY

[Treatment of acute demyelinating inflammatory polyradiculoneuritis with megadoses of methylprednisolone. Prospective study] Cabañas García A, et al. **Rev Invest Clin** 1985 Apr-Jun;37(2):119-24 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Re: 'An epidemiologic and clinical evaluation of Guillain-Barré syndrome reported in association with the administration of swine influenza vaccines' [letter] Mantel N. **Am J Epidemiol** 1985 Apr;121(4):620-3

Streptokinase and the Guillain-Barré syndrome [letter] Arrowsmith JB, et al. **Ann Intern Med** 1985 Aug;103(2):302

The swine flu incident revisited [letter] Asbury AK. **Ann Neurol** 1984 Oct;16(4):513-4

Guillain-Barré syndrome associated with Campylobacter infection [letter] Pryor WM, et al. **Aust NZ J Med** 1984 Oct;14(5):687-8

Guillain-Barré syndrome associated with Campylobacter infection [letter] Speed BR, et al. **Aust NZ J Med** 1985 Apr;15(2):269

Acute ascending motor paralysis due to rabies: a clinicopathological report. Verma AK, et al. **Eur Neurol** 1985;24(3):160-2

Acute inflammatory polyneuropathy and brachial plexopathy. Scardigli K, et al. **IMJ** 1985 Jul;168(1):36-9

Acute polyradiculoneuritis during toxoplasmosis [letter] Bouchez B, et al. **J Neurol** 1985;231(6):347

Guillain-Barré syndrome after epidural anesthesia: direct nerve root damage may trigger disease. Steiner I, et al. **Neurology** 1985 Oct;35(10):1473-5

Polyneuropathy after herpes simplex type 2 meningitis. Seibert DG, et al. **South Med J** 1984 Nov;77(11):1476

[Peripheral neuropathy of the inflammatory polyradiculoneuritis-type in immune disorders, evoking the acquired immunodeficiency syndrome (letter)] Dehen H, et al. **Presse Med** 1985 Feb 2;14(4):226 **(Fre)**

[Association of Waldenstrom's disease and Guillain Barré syndrome (letter)] Taillan B, et al. **Presse Med** 1985 Apr 13;14(15):844 **(Fre)**

[Meningoradiculitis caused by a tick bite] Burton L. **Rev Med Liege** 1984 Nov 1;39(21):770-3 **(Fre)**

[Polyradiculoneuritis in a developmental flare-up of Behçet's disease] Bakouche P, et al. **Rev Neurol (Paris)** 1984;140(8-9):520-2 (Eng. Abstr.) **(Fre)**

[Guillain-Barré syndrome after acute Toxoplasma infection (letter)] Pascual JM, et al. **Med Clin (Barc)** 1984 Sep 22;83(8):351-2 **(Spa)**

[Polyradiculoneuritis in a heroin addict (letter)] Ricart C, et al. **Med Clin (Barc)** 1985 Mar 23;84(11):458-9 **(Spa)**

[Acute polyradiculoneuritis and herpes zoster (letter)] Pérez García C, et al. **Rev Clin Esp** 1985 May;176(8):429 **(Spa)**

IMMUNOLOGY

Antineural antibodies in Guillain-Barré syndrome and lymphocytic meningoradiculitis (Bannwarth's syndrome). Ryberg B, et al. **Arch Neurol** 1984 Dec;41(12):1277-81

Presence of Z-DNA specific antibodies in Crohn's disease, polyradiculoneuritis and amyotrophic lateral sclerosis. Allinquant B, et al. **Clin Exp Immunol** 1984 Oct;58(1):29-36

Macrophage procoagulant activity as a measure of cell-mediated immunity to P2 protein of peripheral nerves in the Guillain-Barré syndrome. Geczy C, et al. **J Neuroimmunol** 1985 Aug;9(3-4):179-91

Peripheral nerve P2 basic protein and the Guillain-Barré syndrome. In vitro demonstration of P2-specific antibody-secreting cells. Luijten JA, et al. **J Neurol Sci** 1984 Nov-Dec;66(2-3):209-16

Rare association of herpes simplex virus IgM-specific antibodies and Guillain-Barré syndrome successfully treated with plasma exchange and immunosuppression. Gerken G, et al. **Klin Wochenschr** 1985 May 15;63(10):468-74

[Ascending polyneuroradiculitis following swine brain implant in a patient with encephalomyelitis disseminata] Kiefer H, et al. **Nervenarzt** 1984 Aug;55(8):422-5 **(Ger)**

METABOLISM

Estimation of plasma and urinary catecholamines in Guillain-Barré syndrome. Ahmad J, et al. **Jpn J Med** 1985 Feb;24(1):24-9

NURSING

Maternal Guillain-Barré syndrome. Edwards R. **J Neurosurg Nurs** 1984 Dec;16(6):306-12

OCCURRENCE

Epidemiology of the Guillain-Barré syndrome in the county of Hordaland, Western Norway. Larsen JP, et al. **Acta Neurol Scand** 1985 Jan;71(1):43-7

Influenza and the Guillain-Barré syndrome [letter] **Lancet** 1984 Oct 13;2(8407):850-1

Guillain-Barré syndrome in Larimer County, Colorado: a high-incidence area. Kaplan JE, et al. **Neurology** 1985 Apr;35(4):581-4

PATHOLOGY

Abscence of CNS lesion in autopsied patients with Miller-Fisher syndrome [letter] Ropper A. **Arch Neurol** 1985 Jan;42(1):15

Clinico-pathologic conference: 60-year-old man with weakness and respiratory failure. Kincaid J, et al. **Indiana Med** 1985 Jun;78(6):503-8

PHYSIOPATHOLOGY

The Guillain-Barré syndrome in the elderly: clinical and electrophysiological features of five cases. George J, et al. **Age Ageing** 1985 Jul;14(4):216-9

Phrenic nerve conduction time in Guillain-Barré syndrome. Gourie-Devi M, et al. **J Neurol Neurosurg Psychiatry** 1985 Mar;48(3):245-9

Acute predominantly sensory neuropathy. Sahashi K, et al. **Klin Wochenschr** 1985 Apr 1;63(7):319-24

Proximal conduction block in early Guillain-Barré syndrome [letter] Mills KR, et al. **Lancet** 1985 Sep 21;2(8456):659

The Guillain-Barré syndrome: pulmonary-neurologic correlations. Sunderrajan EV, et al. **Medicine (Baltimore)** 1985 Sep;64(5):333-41

Brainstem auditory evoked potentials in Guillain-Barré syndrome. Schiff JA, et al. **Neurology** 1985 May;35(5):771-3

[Guillain-Barre syndrome in pregnancy] d'Ambrosio G, et al. **Rev Neurol (Paris)** 1985;141(1):33-6 (Eng. Abstr.) **(Fre)**

THERAPY

Plasma exchange in the management of acute polyradiculopathy and myasthenic crisis (plasma exchange in neurological disorders). Devathasan G, et al. **Ann Acad Med Singapore** 1984 Jul;13(3):538-41

Plasma exchange for Guillain-Barré syndrome [editorial] Hughes RA. **Br Med J [Clin Res]** 1985 Sep 7;291(6496):615-6

Plasma exchange in radiculopolyneuropathies. Marconi G, et al. **Int J Artif Organs** 1984 Sep;7(5):301-6

Plasma exchange in the Guillain-Barré syndrome [editorial] **Lancet** 1984 Dec 8;2(8415):1312-3

Beneficial effects of plasma exchange in acute inflammatory polyradiculoneuropathy. Osterman PO, et al. **Lancet** 1984 Dec 8;2(8415):1296-9

Guillain-Barré syndrome and plasma exchange [letter] Raphael JC, et al. **Lancet** 1985 Jul 6;2(8445):45

Plasmapheresis and acute Guillain-Barré syndrome. The Guillain-Barré syndrome Study Group. **Neurology** 1985 Aug;35(8):1096-104

Plasmapheresis in Guillain-Barré syndrome [editorial] Dyck PJ, et al. **Neurology** 1985 Aug;35(8):1105-7

Management of Landry-Guillain-Barré syndrome in pregnancy. Nelson LH, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):25S-29S

[Plasmapheresis in the treatment of nervous system diseases] Zaleska B. **Neurol Neurochir Pol** 1984 Sep-Oct;18(5):409-13 **(Pol)**

VETERINARY

Polyradiculoneuritis in a California sea lion. Kollias GV, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1410-2

POLYRIBONUCLEOTIDE NUCLEOTIDYLTRANSFERASE see **POLYNUCLEOTIDE PHOSPHORYLASE**

POLYRIBONUCLEOTIDE SYNTHETASE see under **POLYNUCLEOTIDE SYNTHETASES**

POLYRIBONUCLEOTIDES

2NH2A X T helices in the ribo- and deoxypolynucleotide series. Structural and energetic consequences of 2NH2A substitution. Howard FB, et al. **Biochemistry** 1984 Dec 18;23(26):6723-32

Heavy-atom effects on energy transfer from polynucleotides to terbium (III). Burns VW. **Biopolymers** 1985 Jul;24(7):1293-300

Solvation effects on the 31P-NMR chemical shifts and infrared spectra of phosphate diesters. Lerner DB, et al. **Biopolymers** 1984 Nov;23(11 Pt 1):2157-72

Template-directed synthesis on oligodeoxycytidylate and polydeoxycytidylate templates. Chen CB, et al. **J Mol Biol** 1985 Jan 20;181(2):271-9

Proton exchange and base-pair kinetics of poly(rA).poly(rU) and poly(rI).poly(rC). Leroy JL, et al. **J Mol Biol** 1985 Jul 5;184(1):165-78

Template-directed polynucleotide synthesis on mineral surfaces. Schwartz AW, et al. **J Mol Evol** 1984-85;21(3):299-300

[Interaction of bifunctional binuclear platinum compounds with IMP and poly(I)] Vlasov VV, et al. **Bioorg Khim** 1983 Apr;9(4):530-8 (Eng. Abstr.) **(Rus)**

[Marker stability in the electron microscopic visualization of cytosine] Ulanov BP, et al. **Dokl Akad Nauk SSSR** 1985;281(3):720-2 **(Rus)**

ANALYSIS

Genetic control of chromosome length in yeast. Walmsley RM, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):506-10

[Heterogeneity of the poly(C) tract of encephalomyocarditis virus RNA] Svitkin IuV, et al. **Bioorg Khim** 1983 Dec; 9(12):1638-43 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Extensive synthesis of poly[r(G-C)] using Escherichia coli RNA polymerase. Hall K, et al. **Arch Biochem Biophys** 1985 Jan;236(1):47-51

CHEMICAL SYNTHESIS

Enzymatic synthesis of uniformly 32P-labeled polyribonucleotides and high-specific-activity ribonucleoside 5'-[alpha-32P]diphosphates. Kang C, et al. **Anal Biochem** 1985 Jan;144(1):291-5

Neonucleoproteins. Preparation and high-performance liquid chromatographic characterization of succinyl-lysozyme-diaminooctyl-polycytidylic acid and related polycytidylic acid conjugates. Ehrat M, et al. **J Chromatogr** 1985 Jun 19;326:311-20

DIAGNOSTIC USE

[The nature and clinical significance of human serum ribonuclease measured by using synthetic substrate] Honda S, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Jul; 81(7):1598-606 (Eng Abstr.) **(Jpn)**

IMMUNOLOGY

Specificity of mouse hybridoma antibodies to DNA. III. Antigenic determinants of nucleic acids recognized by poly(dG) specific monoclonal antibodies. Koike T, et al. **Clin Exp Immunol** 1985 May;60(2):323-8

ISOLATION & PURIFICATION

Analysis of the secondary structure of the poly(C) tract in foot-and-mouth disease virus RNAs. Mellor EJ, et al. **J Gen Virol** 1985 Sep;66 (Pt 9):1919-29

METABOLISM

Kinetics and mechanism of dissociation of cooperatively bound T4 gene 32 protein-single-stranded nucleic acid complexes. 1. Irreversible dissociation induced by sodium chloride concentration jumps. Lohman TM. **Biochemistry** 1984 Sep 25;23(20):4656-65

Kinetics and mechanism of dissociation of cooperatively bound T4 gene 32 protein-single-stranded nucleic acid complexes. 2. Changes in mechanism as a function of sodium chloride concentration and other solution variables. Lohman TM. **Biochemistry** 1984 Sep 25;23(20):4665-75

Synthesis and functional activity of translation initiation regions in mRNA. 20-base polyribonucleotides from the replicase gene of phage MS2 and fr. Renhof R, et al. **FEBS Lett** 1985 Jun 17;185(2):277-81

The binding of spermine to polynucleotides and complementary oligonucleotides at near physiological ionic strength. Marczynski B. **Int J Biochem** 1985;17(1):107-11

Oligomerization of activated derivatives of 3'-amino-3'-deoxyguanosine on poly(C) and poly(dC) templates. Zielinski WS, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2469-84

PHARMACODYNAMICS

Preparation and biological properties of a highly active poly(G) X poly(C) inducer of interferon. Torrence PF, et al. **Antiviral Res** 1984 Dec;4(6):339-50

Effect of deoxyribopolymers and ribopolymers on the sensitivity of the cyclic-AMP receptor protein of Escherichia coli to proteolytic attack. Angulo JA, et al. **Arch Biochem Biophys** 1985 Jan;236(1):11-6

Inhibitors of retroviral DNA polymerase: their implication in the treatment of AIDS. Chandra P, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4677s-4684s (68 ref.)

DNA methylation. Inhibition of de novo and maintenance methylation in vitro by RNA and synthetic polynucleotides. Bolden A, et al. **J Biol Chem** 1984 Oct 25;259(20):12437-43

Interferon induction in vitro by polyribonucleotides and intercalating drugs. Jamison JM, et al. **Prog Clin Biol Res** 1985;172B:243-51

[Effect of synthetic polyribonucleotides on the immunological and colony-forming activity of irradiated bone marrow cells] Vladimirov VG, et al. **Radiobiologiia** 1985 May-Jun;25(3):405-7 (Eng. Abstr.) **(Rus)**

POLYRIBOSOMES

A simple and rapid procedure for high-yield isolation of essentially undegraded free and membrane-bound polysomes from rat liver. Takiguchi M, et al. **J Biochem (Tokyo)** 1985 May;97(5):1447-59

ANALYSIS

Isolation and characterization of rat intestinal polyribosomes and RNA during absorption of fat. Increased translation in vitro of apo-AIV. Pessah M, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):373-81

ENZYMOLOGY

Synthesis of the alpha and beta subunits of coupling factor 1 by polysomes from pea chloroplasts. Bhaya D, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):217-23

Acyl-Coa oxidase and hydratase-dehydrogenase, two enzymes of the peroxisomal beta-oxidation system, are synthesized on free polysomes of clofibrate-treated rat liver. Rachubinski RA, et al. **J Cell Biol** 1984 Dec; 99(6):2241-6

Subcellular site of biosynthesis of the catecholamine biosynthetic enzymes in bovine adrenal medulla. Sabban EL, et al. **J Neurochem** 1984 Dec;43(6):1663-8

METABOLISM

Multiple phosphorylation of pp30, a rat brain polyribosomal protein, sensitive to polyamines and corticotropin. Schrama LH, et al. **Biochem J** 1984 Dec 15;224(3):747-53

Distribution of thyroid hormone-responsive translated products in rat liver polysome and postribosomal ribonucleoprotein populations. Carr FE, et al. **Endocrinology** 1984 Nov;115(5):1737-45

Quantification of the different ribosomal phases during the translational elongation cycle in rabbit reticulocyte lysates. Nygård O, et al. **Eur J Biochem** 1984 Dec 3;145(2):345-50

Dynamic aspects of cytoplasmic poly(A)+ RNA of Tetrahymena pyriformis. De Carvalho EF, et al. **Exp Cell Res** 1985 Apr;157(2):429-40

Poly(A)+ RNA metabolism during change of physiological state of Tetrahymena pyriformis cells. Soares MC, et al. **Exp Cell Res** 1984 Oct;154(2):591-9

Phosphorylation of elongation factor 1 in polyribosome fraction of rabbit reticulocytes. Davydova EK, et al. **FEBS Lett** 1984 Oct 29;176(2):401-5

Endogenous ADP-ribosylation of elongation factor 2 in polyribosome fraction of rabbit reticulocytes. Sitikov AS, et al. **FEBS Lett** 1984 Oct 15;176(1):261-3

Eukaryotic elongation factor 2 loses its non-specific affinity for RNA and leaves polyribosomes as a result of ADP-ribosylation. Sitikov AS, et al. **FEBS Lett** 1984 Oct 29;176(2):406-10

The relationship between polyribosomal and latent membrane-bound messenger ribonucleoprotein particles in Artemia embryos. Lake M. **Int J Biochem** 1984; 16(9):1015-22

Cell-free synthesis of preuteroglobin and processing to uteroglobin by polysomes from rabbit endometrium. Nieto A. **Int J Biochem** 1985;17(4):537-40

Relative roles of polysomes and cytoplasmic enzymes in regulating bovine skeletal muscle protein synthesis. Bjercke RJ, et al. **J Anim Sci** 1984 Sep;59(3):684-96

Development of methods to measure activity of polysomes and cytoplasmic enzymes from bovine skeletal muscle in in vitro protein-synthesis assays. Bjercke RJ, et al. **J Anim Sci** 1984 Sep;59(3):666-83

Heterogeneity of free valine pools for protein synthesis on free and membrane-bound polysomes in rat liver. Oshita T, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):651-7

Predominant synthesis of fibroin heavy and light chains on the membrane-bound polysomes prepared from the posterior silk gland of the silkworm, Bombyx mori. Oyama F, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1143-53

Effects of hypoglycemia on rat brain polyribosome sedimentation pattern. Ulovec Z, et al. **J Neurochem** 1985 Aug;45(2):352-4

Synthesis of a major integral membrane polypeptide of rat liver peroxisomes on free polysomes. Fujiki Y, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7127-31

Effects of trichothecenes (T-2 toxin) on protein synthesis in vitro by brain polysomes and messenger RNA. Murthy MR, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985;9(3):251-8

[Free RNA-binding cytoplasmic proteins are detected in a labile association with polyribosomes] Minikh VB, et al. **Biokhimiia** 1985 Apr;50(4):604-12 (Eng. Abstr.) **(Rus)**

[Poly(A) RNA distribution and the polysome-monosome ratio in the lymphocytes of healthy persons and chronic lympholeukemia patients] Morozova EO, et al. **Tsitologiia** 1984 Dec;26(12):1384-90 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Polyribosomes under developing spine synapses: growth specializations of dendrites at sites of synaptogenesis. Steward O, et al. **J Neurosci Res** 1985;13(1-2):75-88

Isolation of polysomes from permissive and non-permissive invertebrate cell lines infected with chilo iridescent virus. Petit F, et al. **Med Microbiol Immunol (Berl)** 1985; 174(2):67-71

ULTRASTRUCTURE

Cytoplasmic microtubules are essential for the formation of membrane-bound polyribosomes. Walker PR, et al. **J Biol Chem** 1985 Jan 25;260(2):765-70

The content and size distribution of membrane-bound and free polyribosomes in mouse liver during aging. Makrides SC, et al. **Mech Ageing Dev** 1984 Sep;27(1):111-34

POLYSACCHARIDE-LYASES

Enzymatic extracorporeal deheparinization: effects of sub-chronic exposure to heparin fragments. Larsen AK, et al. **Trans Am Soc Artif Intern Organs** 1984;30:298-302

ANALYSIS

Location and characteristics of enzymes involved in the breakdown of polygalacturonic acid by Bacteroides thetaiotaomicron. McCarthy RE, et al. **J Bacteriol** 1985 Feb;161(2):493-9

BIOSYNTHESIS

Bacteriophage-induced acidic heteropolysaccharide lyases that convert the acidic heteropolysaccharides of Rhizobium trifolii into oligosaccharide units. Hollingsworth RI, et al. **J Bacteriol** 1984 Nov;160(2):510-6

BLOOD

Degradation of sulfated proteoglycans in the subendothelial extracellular matrix by human platelet heparitinase. Yahalom J, et al. **J Clin Invest** 1984 Nov;74(5):1842-9

GENETICS

Cloning of the pectate lyase genes from Erwinia carotovora and their expression in Escherichia coli. Lei SP, et al. **Gene** 1985;35(1-2):63-70

Cloning of genes encoding pectolytic enzymes from a genomic library of the phytopathogenic bacterium, Erwinia chrysanthemi. Reverchon S, et al. **Gene** 1985; 35(1-2):121-30

Isolation and characterization of Tn5 insertion mutants of Erwinia chrysanthemi that are deficient in polygalacturonate catabolic enzymes oligogalacturonate lyase and 3-deoxy-D-glycero-2,5-hexodiulosonate dehydrogenase. Chatterjee AK, et al. **J Bacteriol** 1985 May; 162(2):708-14

Molecular cloning in Escherichia coli of Erwinia chrysanthemi genes encoding multiple forms of pectate lyase. Collmer A, et al. **J Bacteriol** 1985 Mar;161(3):913-20

Mu-lac insertion-directed mutagenesis in a pectate lyase gene of Erwinia chrysanthemi. Diolez A, et al. **J Bacteriol** 1985 Sep;163(3):913-7

Molecular cloning of pectate lyase genes from Erwinia chrysanthemi and their expression in Escherichia coli. Keen NT, et al. **J Bacteriol** 1984 Sep;159(3):825-31

METABOLISM

Purification and characterization of heparinase from Flavobacterium heparinum. Yang VC, et al. **J Biol Chem** 1985 Feb 10;260(3):1849-57

POLYSACCHARIDES

A quantitative determination by capillary gas-liquid chromatography of neutral and amino sugars (as O-methyloxime acetates), and a study on hydrolytic conditions for glycoproteins and polysaccharides in order to increase sugar recoveries. Neeser JR, et al. **Anal Biochem** 1984 Oct;142(1):58-67

Percoll and Ficoll self-generated density gradients by low-speed osmocentrifugation. Nunes SP, et al. **Anal Biochem** 1985 Apr;146(1):48-51

The determination of the anomeric configuration of glycosyl-phosphoryl linkages of immunogenic phosphoglycans. Pazur JH. **Anal Biochem** 1985 Mar; 145(2):385-92

Hemicellulosic complexes from the cell walls of runner bean (Phaseolus coccineus). O'Neill MA, et al. **Biochem J** 1985 Apr 15;227(2):475-81

Spatial conformation of glycans and glycoproteins. Montreuil J. **Biol Cell** 1984;51(2):115-31

Analysis of the linkage positions in D-fructofuranosyl residues by the reductive-cleavage method. Rolf D, et al. **Carbohydr Res** 1984 Aug 1;131(1):17-28

Sodium pentosan polysulphate as a polyanionic inhibitor of calcium oxalate crystallization in vitro and in vivo. Norman RW, et al. **Clin Sci** 1985 Mar;68(3):369-71

Allergic contact dermatitis due to 1,2-benzisothiazolin-3-one in gum arabic. Freeman S. **Contact Dermatitis** 1984 Sep; 11(3):146-9

A new proposal for the primary and secondary structure of the glycan moiety of pseudomurein. Conformational energy calculations on the glycan strands with talosaminuronic acid in 1C conformation and comparison with murein. Leps B, et al. **Eur J Biochem** 1984 Oct 15; 144(2):279-86

Primary structure of two sialylated triantennary glycans from human serotransferrin. Spik G, et al. **FEBS Lett** 1985 Apr 8;183(1):65-9

A possible pH-controlled drug delivery system based on a derivative of the polysaccharide scleroglucan. Alhaique F, et al. **J Pharm Pharmacol** 1985 May;37(5):310-3

[Rheological studies on the barium meal--effects of the addition of tragacanth on the barium sulfate suspension] Okahashi S. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Jan 25;45(1):31-43 (Eng. Abstr.) **(Jpn)**

ADMINISTRATION & DOSAGE

Pentosane polysulfate: the effect on hemostasis of a continuous 3-day infusion. de Prost D, et al. **Clin Pharmacol Ther** 1985 Aug;38(2):171-5

Glycaemic effect of mono-, di- and polysaccharides in a mixed meal in diabetic patients. Erkelens DW, et al. **Neth J Med** 1985;28(4):157-63

ADVERSE EFFECTS

Immunological mechanisms of reactions to macromolecular solutions. Ewalenko P, et al. **Acta Anaesthesiol Belg** 1984; 35 Suppl:9-20

Migration of acetylated hemicellulose from capillary hemodialyzer to blood, causing scieritis and/or iritis. Oba T, et al. **Artif Organs** 1984 Nov;8(4):429-35

[Role of pentosan polysulfate in initiating 2 cases of thrombopenic complications (letter)] Maiza D, et al. **Presse Med** 1985 Jun 8;14(23):1289-90 **(Fre)**

ANALYSIS

Presence and functional significance of sulphates in the submandibular glands of growing rabbits. Menghi G. **Anat Anz** 1984;157(4):285-90

Structural analysis of glycoconjugates by mass spectrometry and nuclear magnetic resonance spectroscopy. Sweeley CC, et al. **Annu Rev Biochem** 1985;54:765-801 (285 ref.)

Further studies of the glucomannan from Aloe vahombe (liliaceae). II. Partial hydrolyses and NMR 13C studies. Radjabi-Nassab F, et al. **Biochimie** 1984 Jul-Aug; 66(7-8):563-7

Morphological stabilization of the glycocalyces of 23 strains of five Bacteroides species using specific antisera. Lambe DW Jr, et al. **Can J Microbiol** 1984 Jun;30(6):809-19

Clinical implications of bacterial glycocalyx. Maki A Jr, et al. **Can J Surg** 1985 Jan;28(1):5-6

Structural studies on the linkage unit between poly(galactosylglycerol phosphate) and peptidoglycan in cell walls of B[illegible]illus coagulans. Kaya S, et al. **Eur J Biochem** [illegible]985 Feb 15;147(1):41-6

Use of enzyme-gold complexes for the ultrastructural localization of hemicelluloses in the plant cell wall. Ruel K, et al. **Histochemistry** 1984;81(6):573-80

New 5'-nucleotidase inhibitors, melanocidin A and melanocidin B. II. Physico-chemical properties and structure elucidation. Uchino K, et al. **J Antibiot (Tokyo)** 1985 May;38(5):592-8

Embryonal lactosaminoglycan. The structure of branched lactosaminoglycans with novel disialosyl (sialyl alpha 2----9 sialyl) terminals isolated from PA1 human embryonal carcinoma cells. Fukuda MN, et al. **J Biol Chem** 1985 Jun 10;260(11):6623-31

High-performance gel permeation chromatography assay for endoglycanase activities. White AR, et al. **J Chromatogr** 1984 Aug 31;298(3):525-30

Comparison of a new, rapid enzyme-linked immunosorbent assay with latex particle agglutination for the detection of Haemophilus influenzae type b infections. Macone AB, et al. **J Clin Microbiol** 1985 May;21(5):711-4

Glycocalyx and ruthenium red labeling of Legionella pneumophila [letter] Rodgers FG, et al. **J Clin Microbiol** 1984 Dec;20(6):1228-9

Partial structure of panaxan A, a hypoglycaemic glycan of Panax ginseng roots. Tomoda M, et al. **Planta Med** 1984 Oct;50(5):436-8

Capsular polysaccharides of Cryptococcus neoformans. Bhattacharjee AK, et al. **Rev Infect Dis** 1984 Sep-Oct; 6(5):619-24 (28 ref.)

The use of primuline to identify the septum polysaccharide of the fission yeast Schizosaccharomyces pombe. Duffus JH, et al. **Stain Technol** 1984 Mar;59(2):79-82

Histochemical alterations in the duodenum of goats experimentally infected with Paramphistomum cervi. Sahai BN, et al. **Vet Parasitol** 1985 Jan;17(2):131-8

[A procedure for joint demonstration of neutral polysaccharides and acid mucopolysaccharides] Krutsay M. **Morphol Igazsagugyi Orv Sz** 1985 Jul;25(3):230-1 (Eng. Abstr.) **(Hun)**

[Histochemical demonstration of proteins, lipids and polysaccharides in Japanese monkey oocytes] Niimura S, et al. **Jikken Dobutsu** 1985 Jan;34(1):73-6 (Eng. Abstr.) **(Jpn)**

BIOSYNTHESIS

Inhibition by cocoa extracts of biosynthesis of extracellular polysaccharide by human oral bacteria. Paolino VJ, et al. **Arch Oral Biol** 1985;30(4):359-63

Postnatal changes in biosynthesis of microvillus membrane glycans of rat small intestine: I. Evidence of a developmental shift from terminal sialylation to fucosylation. Torres-Pinedo R, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):546-53

Altered synthesis of glucosamine-labeled glycopeptides during postimplantation embryogenesis of the mouse. Noguchi S, et al. **Cell Differ** 1985 Jun;16(4):223-8

Mechanisms of chain initiation in the biosynthesis of connective tissue polysaccharides. Rodén L, et al. **Fed Proc** 1985 Feb;44(2):373-80

Evidence for covalent attachment of phospholipid to the capsular polysaccharide of Haemophilus influenzae type b. Kuo JS, et al. **J Bacteriol** 1985 Aug;163(2):769-73

Biosynthesis of sulfated saccharides N-glycosidically linked to the protein via glucose. Purification and identification of sulfated dolichyl monophosphoryl tetrasaccharides from halobacteria. Lechner J, et al. **J Biol Chem** 1985 Jan 25; 260(2):860-6

BLOOD

Extracellular volume, renal clearance and whole body permeability-surface area product in man, measured after single injection of polyfructosan. Nielsen OM. **Scand J Clin Lab Invest** 1985 May;45(3):217-22

DIAGNOSTIC USE

[Quantification of myocardial perfusion defects using 2-dimensional contrast echocardiography] Schartl M, et al. **Z Kardiol** 1984 Sep;73(9):560-7 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

Immunochemical examination of the Pseudomonas aeruginosa glycocalyx: a monoclonal antibody which recognizes L-guluronic acid residues of alginic acid. Irvin RT, et al. **Can J Microbiol** 1985 Mar;31(3):268-75

Production of auto-anti-idiotype antibody during the normal immune response. X. Response to TNP-Ficoll in the chicken. Bhogal BS, et al. **Cell Immunol** 1985 Mar; 91(1):159-67

Production of auto-anti-idiotype antibody during the normal immune response. XI. Ficoll-induced variations in auto-anti-idiotype production during the response to 2,4,6-trinitrophenyl-Ficoll. Bhogal BS, et al. **Cell Immunol** 1985 Mar;91(1):168-77

Candida albicans polysaccharide extract (MPPS) and PPD stimulate the production of interleukin-1 and lymphocyte proliferation. Lombardi G, et al. **Clin Exp Immunol** 1984 Dec;58(3):581-6

Leishmania tropica: protective response in C3H mice vaccinated with excreted factor crosslinked with the synthetic adjuvant, muramyl dipeptide. Steinberger A, et al. **Exp Parasitol** 1984 Dec;58(3):223-9

Macrophage activation and induction of macrophage cytotoxicity by purified polysaccharide fractions from the plant Echinacea purpurea. Stimpel M, et al. **Infect Immun** 1984 Dec;46(3):845-9

Immune response to a thymus-independent antigen (DNP-Ficoll) in the guinea pig. Drössler K, et al. **Int Arch Allergy Appl Immunol** 1985;76(1):37-41

Immunochemical and molecular characterization of regulatory idiotopes expressed by monoclonal antibodies exhibiting or lacking beta 2-6 fructosan binding activity. Victor-Kobrin C, et al. **J Exp Med** 1985 Aug 1; 162(2):647-62

Ability of chicken B cells from different compartments to respond to TNP-Ficoll. Edelman AS, et al. **J Immunol** 1985 May;134(5):2879-83

Immunoregulation in the rat: ontogeny of B cell responses to types 1, 2, and T-dependent antigens. Kimura S, et al. **J Immunol** 1985 May;134(5):2839-46

Effect of glucocorticoids on the development of suppressive activity in human lymphocyte response to a polysaccharide purified from Candida albicans. Piccolella E, et al. **J Immunol** 1985 Feb;134(2):1166-71

Size-dependent B lymphocyte subpopulations: relationship of cell volume to surface phenotype, cell cycle, proliferative response, and requirements for antibody production to TNP-Ficoll and TNP-BA. Thompson CB, et al. **J Immunol** 1984 Nov;133(5):2333-42

Capsular antigens noncovalently or covalently associated with protein as vaccines to Haemophilus influenzae type b: comparison in two-year-old children. Anderson P, et al. **J Infect Dis** 1985 Sep;152(3):634-6

Effect of a polysaccharide fraction from Grifola frondosa on immune response in mice. Suzuki I, et al. **J Pharmacobiodyn** 1985 Mar;8(3):217-26

Impaired human antibody response to the thymus-independent antigen, DNP-Ficoll, after splenectomy. Implications for post-splenectomy infections. Amlot PL, et al. **Lancet** 1985 May 4;1(8436):1008-11

Studies on polysaccharides from Angelica acutiloba--IV. Characterization of an anti-complementary arabinogalactan from the roots of Angelica acutiloba Kitagawa. Yamada H, et al. **Mol Immunol** 1985 Mar; 22(3):295-304

Functional testing and chemical composition of cryptococcal extracts. Hall NK, et al. **Sabouraudia** 1984;22(5):439-42

In vitro effect of cadmium on primary antibody response to T-cell independent antigen (DNP-Ficoll). Fujimaki H. **Toxicol Lett** 1985 Jan;24(1):21-4

[Beta-adrenergic receptor in bronchial asthma. Part 1. Pulmonary beta-adrenergic receptor in experimental konjac asthma of the guinea-pig] Sunaga Y. **Arerugi** 1984 Dec;33(12):1030-9 (Eng. Abstr.) **(Jpn)**

ISOLATION & PURIFICATION

Neutral and acidic antitumor polysaccharides extracted from cultured fruit bodies of Grifola frondosa. Ohno N, et al. **Chem Pharm Bull (Tokyo)** 1985 Mar;33(3):1181-6

New 5'-nucleotidase inhibitors, melanocidin A and melanocidin B. I. Taxonomy, fermentation, isolation and biological properties. Ogawara H, et al. **J Antibiot (Tokyo)** 1985 May;38(5):587-91

Structure of the cell wall proteogalactomannan from Neurospora crassa. II. Structural analysis of the polysaccharide part. Nakajima T, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1013-20

Isolation and hypoglycemic activity of lithospermans A, B and C, glycans of Lithospermum erythrorhizon roots. Konno C, et al. **Planta Med** 1985 Apr;(2):157-8

Isolation and hypoglycemic activity of ephedrans A, B, C, D and E, glycans of Ephedra distachya herbs. Konno C, et al. **Planta Med** 1985 Apr;(2):162-3

Isolation and hypoglycemic activity of aconitans A, B, C and D, glycans of Aconitum carmichaeli roots. Konno C, et al. **Planta Med** 1985 Apr;(2):160-1

Isolation and hypoglycemic activity of atractans A, B and C, glycans of Atractylodes japonica rhizomes. Konno C, et al. **Planta Med** 1985 Apr;(2):102-3

Isolation and hypoglycemic activity of anemarans A, B, C and D, glycans of Anemarrhena asphodeloides rhizomes. Takahashi M, et al. **Planta Med** 1985 Apr;(2):100-2

Purification and chemical properties of anti-complementary polysaccharide from the leaves of Artemisia princeps. Yamada H, et al. **Planta Med** 1985 Apr;(2):121-5

Metabolism of sodium pentosan polysulphate in man--catabolism of iodinated derivatives. MacGregor IR, et al. **Thromb Haemost** 1984 Jul 29;51(3):321-5

METABOLISM

Intra-axonal polysaccharide deposits in the peripheral nerve seen in adult polysaccharide storage myopathy. Komure O, et al. **Acta Neuropathol (Berl)** 1985;65(3-4):300-4

Preliminary researches on the characterization of the glycoconjugates in the oviduct of Rana esculenta complex during its reproductive cycle. Menghi G, et al. **Anat Anz** 1985;158(4):337-41

Characterization of plant polysaccharide- and mucin-fermenting anaerobic bacteria from human feces. Bayliss CE, et al. **Appl Environ Microbiol** 1984 Sep; 48(3):626-32

Photochemical cross-linking of beta-galactoside-binding lectin to polylactosamino-proteoglycan of chick embryonic skin. Oda Y, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1215-20

Measurement of xylanase activity with insoluble xylan substrate. Nummi M, et al. **Biochem J** 1985 Mar 1; 226(2):617-20

Binding of heparin fractions and other polysulfated polysaccharides to plasma fibronectin: effects of molecular size and degree of sulfation of polysaccharides. Ogamo A, et al. **Biochim Biophys Acta** 1985 Jul 26;841(1):30-41

Increased lung uptake of liposomes coated with polysaccharides. Takada M, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):237-44

The glycocalyx of the mouse uterine luminal epithelium during estrus, early pregnancy, the peri-implantation period, and delayed implantation. I. Acquisition of Ricinus communis I binding sites during pregnancy. Chávez DJ, et al. **Biol Reprod** 1985 Jun;32(5):1135-42

Polysaccharides sulfated at the time of gastrulation in embryos of the sea urchin Clypeaster japonicus. Yamaguchi M, et al. **Exp Cell Res** 1985 Aug;159(2):353-65

Glycosidic bond rearrangements in isomeric xylobioses by yeast xylan-degrading enzymes. Biely P, et al. **FEBS Lett** 1984 Dec 10;178(2):323-6

Cyclic changes in human endometrial surface glycoproteins: a quantitative histochemical study. Jansen RP, et al. **Fertil Steril** 1985 Jul;44(1):85-91

The absence of rhamnose in human urine following the ingestion of gum karaya (Sterculia). Anderson AW, et al. **Food Addit Contam** 1985 Jan-Mar;2(1):33-6

Comparison of the cell walls of Paracoccidioides loboi and Paracoccidioides brasiliensis by using polysaccharide-binding dyes. Mendes E, et al. **Int J Tissue React** 1984;6(3):229-31

Biomolecular absorption of ultrasound. I: Molecular weight. Kremkau FW, et al. **J Acoust Soc Am** 1984 Nov; 76(5):1330-5

A novel enzyme producing isoprimeverose from oligoxyloglucans of Aspergillus oryzae. Kato Y, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):801-10

The glycoprotein-bound large carbohydrates from embryonal carcinoma cells carry receptors for several lectins recognizing N-acetylgalactosamine and galactose. Ozawa M, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):317-24

Exo-beta-D-glucuronidase from the fungus Kobayasia nipponica. Tsuchihashi H, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1789-97

Polylactosamine glycosylation on human fetal placental fibronectin weakens the binding affinity of fibronectin to gelatin. Zhu BC, et al. **J Biol Chem** 1985 Apr 10; 260(7):4041-5

Evaluation of xylan fermentation for the identification of Bacteroides ovatus and Bacteroides thetaiotaomicron. Cooper SW, et al. **J Clin Microbiol** 1985 Jul;22(1):125-6

Cell interactions in preimplantation embryos: evidence for involvement of saccharides of the poly-N-acetyllactosamine series. Rastan S, et al. **J Embryol Exp Morphol** 1985 Jun;87:115-28

Modulation of the biologic activities of IgE-binding factors. VII. Biochemical mechanisms by which glycosylation-enhancing factor activates phospholipase in lymphocytes. Akasaki M, et al. **J Immunol** 1985 Jun; 134(6):4069-77

Activation of mouse peritoneal macrophages alters the structure and surface expression of protein-bound lactosaminoglycans. Mercurio AM, et al. **J Immunol** 1985 Aug;135(2):1305-12

Preliminary studies of fructan-hydrolyzing bacteria from human dental plaque. Takamori K, et al. **Microbiol Immunol** 1985;29(4):359-63

The effects of bovine serum albumin and a form of cationised ferritin upon the molecular selectivity of the walls of single frog capillaries. Michel CC, et al. **Microvasc Res** 1985 Mar; 29(2):190–203

Metabolism of sodium pentosan polysulphate in man--catabolism of iodinated derivatives. MacGregor IR, et al. **Thromb Haemost** 1984 Jul 29;51(3):321–5

[Polycationic condensation of the cell surface. Glycolemma compartmentation and the mechanism of action of polyamine regulation] Antohi S, et al. **Physiologie** 1984 Jul–Sep;21(3):213–7 **(Fre)**

PHARMACODYNAMICS

Effect of a pentosan polysulphate upon thrombin and factor Xa inactivation by antithrombin III. Scully MF, et al. **Biochem J** 1984 Sep 15;222(3):571–8

Inhibition of brain protein fucosylation by sulfated sugar molecules. Jork R, et al. **Biomed Biochim Acta** 1985; 44(4):537–45

Effect of the heparinoid pentosan polysulphate (SP 54) on the functional properties of cultured bovine aortic endothelial cells. Delvos U, et al. **Blut** 1985 Sep; 51(3):127–36

Levan-induced glomerulitis in rabbits: a possible role for direct complement activation in situ. Stark H, et al. **Br J Exp Pathol** 1985 Apr;66(2):165–71

The importance of thrombin inhibition for the expression of the anticoagulant activities of heparin, dermatan sulphate, low molecular weight heparin and pentosan polysulphate. Ofosu FA, et al. **Br J Haematol** 1985 Aug;60(4):695–704

Effect of levan on tumorigenicity of cells from different murine tumors. Stark Y, et al. **Cell Mol Biol** 1984; 30(5):425–30

Inhibition of adenosine-5'-triphosphatase activity in microtubule protein preparation by PS-K. Fujii T, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2460–3

Effects of neurotropin on rat liver microsomes and lysosomes, and in vitro lipid peroxidation. Ogiso T, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):810–7

A purified polysaccharide isolated from Candida albicans induces antibody response in vitro by human peripheral blood lymphocytes and discriminates between sera from normal and Candida albicans-infected individuals. Wirz M, et al. **Clin Immunol Immunopathol** 1984 Nov;33(2):199–209

Stimulation of L-tryptophan transport by di- and polysaccharides in the small intestine of chicks. Kushak R, et al. **Comp Biochem Physiol** [A] 1984;79(1):185–7

Monoclonal antibody-dependent murine macrophage-mediated cytotoxicity against human tumors is stimulated by lentinan. Herlyn D, et al. **Gann** 1985 Jan; 76(1):37–42

T-cell mediated vascular dilatation and hemorrhage induced by antitumour polysaccharides. Maeda YY, et al. **Int J Immunopharmacol** 1984;6(5):493–501

Acting mechanisms of Lentinan in human--I. Augmentation of DNA synthesis and immunoglobulin production of peripheral mononuclear cells. Miyakoshi H, et al. **Int J Immunopharmacol** 1984;6(4):365–71

Acting mechanisms of Lentinan in human--II. Enhancement of non-specific cell-mediated cytotoxicity as an interferon inducer. Miyakoshi H, et al. **Int J Immunopharmacol** 1984; 6(4):373–9

Novel inducers of the xylan-degrading enzyme system of Cryptococcus albidus. Biely P, et al. **J Bacteriol** 1984 Oct; 160(1):408–12

Activation of factor XII and prekallikrein with polysaccharide sulfates and sulfatides: comparison with kaolin-mediated activation. Shimada T, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):429–39

Effect of indigestible polysaccharides on pancreatic exocrine secretion and biliary output. Ikegami S, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Dec;30(6):515–23

Antitumor activity of a polysaccharide fraction extracted from cultured fruiting bodies of Grifola frondosa. Suzuki I, et al. **J Pharmacobiodyn** 1984 Jul;7(7):492–500

Inhibition of sodium urate crystal adherence to bladder surface by polysaccharide. Parsons CL, et al. **J Urol** 1985 Sep;134(3):614–6

Inhibition of the release of bradykinin-like substances into the perfusate of rat hind paw by neurotropin. Imai Y, et al. **Jpn J Pharmacol** 1984 Sep;36(1):104–6

Depression of hepatic microsomal enzyme systems by lentinan in mice. Sasaki K, et al. **Jpn J Pharmacol** 1985 Jan;37(1):107–15

Isolation and hypoglycaemic activity of panaxans A, B, C, D and E, glycans of Panax ginseng roots. Konno C, et al. **Planta Med** 1984 Oct;50(5):434–6

Stimulatory effect of immobilized glycans on macrophages in vitro. Bøgwald J, et al. **Scand J Immunol** 1984 Oct; 20(4):355–60

Comparison between the effect of pentosan polysulphate heparin and antithrombin III injections in antithrombin III deficient patients. Fischer AM, et al. **Thromb Res** 1985 Jan 15;37(2):295–307

Identification of heparin cofactor II as the principal plasma cofactor for the antithrombin activity of pentosan polysulphate (SP54). Scully MF, et al. **Thromb Res** 1984 Oct 15;36(2):187–94

[Studies on the antitumor role of fungal polysaccharides] Pan MJ. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):115–7 (9 ref.) **(Chi)**

[Biological activities of Astragalus polysaccharides] Shen ML. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):615–7, 581 (Eng. Abstr.) **(Chi)**

[Effect of an acidic sulfated polysaccharide on whole blood coagulability. In vivo study in rats] Caporiccio B, et al. **C R Soc Biol (Paris)** 1984;178(6):691–6 (Eng. Abstr.) **(Fre)**

[Immunostimulant action of polysaccharides (heteroglycans) from higher plants. Preliminary communication] Wagner H, et al. **Arzneimittelforsch** 1984;34(6):659–61 (Eng. Abstr.) **(Ger)**

[Direct antitumor activity of biological response modifiers (B.R.M.) proven by an in vitro sensitivity test] Yanagawa T, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2155–62 (Eng. Abstr.) **(Jpn)**

[Clinical and microbial estimation of the effect of coupling sugar, sorbose and xylitol rinses on the early dental plaque formation in man] Noguchi T, et al. **Kokubyo Gakkai Zasshi** 1984 Sep;51(3):536–43 (Eng. Abstr.) **(Jpn)**

[Immunopharmacological actions of neurotropin (4). Effect of neurotropin on mouse peritoneal macrophages] Yoshii H, et al. **Nippon Yakurigaku Zasshi** 1984 Dec;84(6):499–507 (Eng. Abstr.) **(Jpn)**

[Effect of polysaccharides isolated from marine invertebrates on various functions of T- and B lymphocytes] Zaporozhets TS, et al. **Antibiot Med Biotekhnol** 1985 Jan; 30(1):43–7 (Eng. Abstr.) **(Rus)**

[Action of bioglycans from marine invertebrates on macrophage functioning] Besednova NN, et al. **Antibiotiki** 1984 Sep;29(9):653–7 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Electrostatic fixed charge distribution in the RBC-glycocalyx and their influence upon the total free interaction energy. Lerche D. **Biorheology** 1984; 21(4):477–92

Enhancement of spicule formation and calcium uptake by monoclonal antibodies to fibronectin-binding acid polysaccharide in cultured sea urchin embryonic cells. Iwata M, et al. **Cell Differ** 1985 Jul;17(1):57–62

Fasciola hepatica: interaction of the tegument with poly-L-lysine and enzymes. Threadgold LT. **Exp Parasitol** 1985 Apr;59(2):222–30

Biological and pathobiological aspects of the glycocalyx of the small intestinal epithelium. A review. Egberts HJ, et al. **Vet Q** 1984 Sep;6(4):186–99 (147 ref.)

[The function of the capsule in yeasts] Golubev VI, et al. **Zh Obshch Biol** 1984 Jul–Aug;45(4):507–15 (Eng. Abstr.) **(Rus)**

POISONING

[Studies on chemical substances responsible for causing eye lesions in patients treated with NAC-dialyzer] Oba T, et al. **Eisei Shikenjo Hokoku** 1984;(102):1–19 **(Jpn)**

RADIATION EFFECTS

[Action of UV radiation on the surface of mammalian immunocompetent cells. III. Ultrastructural changes in the glycocalyx of mouse lymphocytes] Krylenkov VA, et al. **Tsitologiia** 1984 Jul;26(7):856–9 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Effect of heparin, low molecular weight (LMW) heparin, and a heparin analogue on experimental venous thrombosis in the rabbit. Björck CG, et al. **Acta Chir Scand** 1984; 150(8):629–33

Inhibition of calcium oxalate crystallisation by pentosan polysulphate in control subjects and stone formers. Norman RW, et al. **Br J Urol** 1984 Dec;56(6):594–8

Antitumor activity of lentinan in murine syngeneic and autochthonous hosts and its suppressive effect on 3-methylcholanthrene-induced carcinogenesis. Suga T, et al. **Cancer Res** 1984 Nov;44(11):5132–7

Preliminary observation on carboxyl-methyl Poria cocos polysaccharide (CMPCP) in treating chronic viral hepatitis. Guo DZ, et al. **J Tradit Chin Med** 1984 Dec;4(4):282

Combination antitumor therapy with rabbit tumor necrosis factor and chemo- and immuno-therapeutic agents against murine tumors. Gatanaga T, et al. **Jpn J Cancer Res** 1985 Jul;76(7):631–6

Antitumor effect of seaweeds. IV. Enhancement of antitumor activity by sulfation of a crude fucoidan fraction from Sargassum kjellmanianum. Yamamoto I, et al. **Jpn J Exp Med** 1984 Aug;54(4):143–51

Antitumor effect of the yeast polysaccharide preparation in syngeneic mouse tumor models. Kumano N, et al. **Tohoku J Exp Med** 1985 May;146(1):89–96

[Prevention of phlebothromboses by pentosan polyester. Study in cancer surgery using labeled fibrinogen] Meynadier J, et al. **Cah Anesthesiol** 1982 Dec;30(8):1045–9 **(Fre)**

[Prevention trial of thrombosis with pentosane polysulfate in intracardiac dynamic explorations (letter)] Terrier E, et al. **Presse Med** 1985 Jan 12;14(1):43 **(Fre)**

[In vitro studies on Geliperm Dry as a vehicle for antibiotics and antiseptics in local burn therapy] von Castelberg B, et al. **Handchir Mikrochir Plast Chir** 1985 Mar;17(2):69–72 (Eng. Abstr.) **(Ger)**

[Results of phase III study of lentinan] Taguchi T, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):366–78 (Eng. Abstr.) **(Jpn)**

[Antitumor activity of an extract neurotropin isolated from the inflamed skin of rabbits inoculated with vaccinia virus] Tomiyama S, et al. **Gan To Kagaku Ryoho** 1984 Oct; 11(10):2144–7 (Eng. Abstr.) **(Jpn)**

[Studies on an antitumor polysaccharide RBS derived from rice bran. I. Preparation, physico-chemical properties, and biological activities of RBS] Ito E, et al. **Yakugaku Zasshi** 1985 Feb;105(2):188–93 (Eng. Abstr.) **(Jpn)**

TOXICITY

Alterations in coagulation and hemograms of horses given endotoxins for 24 hours via hepatic portal infusions. Duncan SG, et al. **Am J Vet Res** 1985 Jun;46(6):1287–93

Clinical and experimental modifications of plasma iron and zinc concentrations in cattle. Depelchin BO, et al. **Vet Rec** 1985 May 11;116(19):519–21

POLYSACCHARIDES, BACTERIAL

The determination of the anomeric configuration of glycosyl-phosphoryl linkages of immunogenic phosphoglycans. Pazur JH. **Anal Biochem** 1985 Mar; 145(2):385–92

The specific capsular polysaccharide of Streptococcus pneumoniae type 33F. Richards JC, et al. **Can J Biochem Cell Biol** 1984 Aug;62(8):666–77

Chemical and structural analysis of the capsular polysaccharide from Escherichia coli O9:K28(A):H- (K28 antigen). Altman E, et al. **Carbohydr Res** 1985 May 15; 138(2):293–303

The conformation of Salmonella O-antigenic oligosaccharides of serogroups A, B, and D1 inferred from 1H- and 13C-nuclear magnetic resonance spectroscopy. Bock K, et al. **Carbohydr Res** 1984 Jul 15;130:35–53

The conformation of Salmonella O-antigenic polysaccharide chains of serogroups A, B, and D1 predicted by semi-empirical, Hard-Sphere (HSEA) calculations. Bock K, et al. **Carbohydr Res** 1984 Jul 15;130:23–34

Bacteriophage degradation of Klebsiella K44 polysaccharide: an n.m.r. study and chemical proof of the position of the acetate group. Dutton GG, et al. **Carbohydr Res** 1985 May 15;138(2):277–91

Identification of the tetrasaccharide repeating-unit of the Streptococcus pneumoniae type 23 polysaccharide by high-field proton n.m.r. spectroscopy. Jones C. **Carbohydr Res** 1985 Jun 15;139:75–83

Empirical 13C-n.m.r.-correlations between the Escherichia coli K 13 and LP 1092 capsular polysaccharides and model oligosaccharides containing D-ribose and 3-deoxy-D-manno-2-octulosonic acid. Neszmélyi A, et al. **Carbohydr Res** 1985 Jun 15;139:13–22

Structure of the fructose-containing K52 capsular polysaccharide of uropathogenic Escherichia coli O4:K52:H-. Hofmann P, et al. **Eur J Biochem** 1985 Mar 15;147(3):601–9

Molecular sizing of individual polysaccharides in polyvalent pneumococcal and meningococcal vaccines by column chromatography and immunoelectrophoresis. Scheers R, et al. **J Biol Stand** 1984 Jul;12(3):241–6

Terminology relating to extracellular polysaccharides produced by Pseudomonas aeruginosa [letter] Pier GB. **J Infect Dis** 1985 Sep;152(3):652

ADMINISTRATION & DOSAGE

Two defects in old New Zealand Black mice are involved in the loss of low-dose paralysis to type III pneumococcal polysaccharide. McCoy KL, et al. **J Immunol** 1985 Oct; 135(4):2438–42

Production of soluble suppressor factor by spleen cells from mice immunized with type III pneumococcal polysaccharide. Taylor CE, et al. **J Immunol** 1985 Oct; 135(4):2551–6

Immunization of 2-month-old infants with protein-coupled oligosaccharides derived from the capsule of Haemophilus influenzae type b. Anderson P, et al. **J Pediatr** 1985 Sep; 107(3):346–51

Safety and immunogenicity of Haemophilus influenzae type b-polysaccharide diphtheria toxoid conjugate vaccine in infants 9 to 15 months of age. Lepow ML, et al. **J Pediatr** 1985 Feb;106(2):185–9

[Combined use of prodigiozan and methyluracil with immunosuppressive drugs in adjuvant arthritis in rats] Sibiriak SV, et al. **Antibiotiki** 1984 Nov;29(11):845–8 (Eng. Abstr.) **(Rus)**

[Effectiveness of prodigiozan in the complex treatment of erysipelas] Frolov VM, et al. **Klin Med (Mosk)** 1984 Aug; 62(8):123–6 (Eng. Abstr.) **(Rus)**

[Immunostimulators in the complex treatment of acute pneumonia] Men'kov NV. **Sov Med** 1985;(3):85–8 **(Rus)**

ADVERSE EFFECTS

[Clinical characteristics of drug-induced fever] Vorob'ev BI, et al. **Klin Med (Mosk)** 1984 Dec;62(12):51–4 (Eng. Abstr.) **(Rus)**

ANALYSIS

C-polysaccharide in a pneumococcal vaccine. Sørensen UB, et al. **Acta Pathol Microbiol Immunol Scand** [C] 1984 Dec; 92(6):351–6

Characterization of the group-specific polysaccharide of group B Streptococcus. Pritchard DG, et al.

Arch Biochem Biophys 1984 Dec;235(2):385-92

Biochemical and immunological characterization of the cell surface of the fish pathogenic bacterium Aeromonas salmonicida. Evenberg D, et al. **Biochim Biophys Acta** 1985 May 14;815(2):233-44

Structural analysis of the specific polysaccharide of Streptococcus pneumoniae type 9L (American type 49). Richards JC, et al. **Can J Biochem Cell Biol** 1984 Dec; 62(12):1309-20

Structure of the polysaccharide moiety of the Klebsiella O3 lipopolysaccharide isolated from culture supernatant of decapsulated mutant (Klebsiella O3:K1-). Hasegawa T, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):333-9

Alpha-2----4-interlinked 3-deoxy-D-manno-octulosonic acid disaccharide. A common constituent of enterobacterial lipopolysaccharides. Brade H, et al. **Eur J Biochem** 1984 Dec 3;145(2):231-6

Structural studies on the linkage unit between poly(N-acetylglucosamine 1-phosphate) and peptidoglycan in cell walls of Bacillus pumilus AHU 1650. Kojima N, et al. **Eur J Biochem** 1985 Jun 3;149(2):331-6

A new proposal for the primary and secondary structure of the glycan moiety of pseudomurein. Conformational energy calculations on the glycan strands with talosaminuronic acid in 1C conformation and comparison with murein. Leps B, et al. **Eur J Biochem** 1984 Oct 15; 144(2):279-86

Influence of nutrient limitation and low pH on serogroup B Neisseria meningitidis capsular polysaccharide levels: correlation with virulence for mice. Masson L, et al. **Infect Immun** 1985 Feb;47(2):465-71

Chemical and immunochemical analyses of Bacteroides fragilis lipopolysaccharides. Weintraub A, et al. **Infect Immun** 1985 Jul;49(1):197-201

Production and characterization of a murine monoclonal antibody recognizing a shared mycobacterial polysaccharide. Miller RA, et al. **Int J Lepr Other Mycobact Dis** 1984 Dec;52(4):461-7

Comparative studies of lipopolysaccharide and exopolysaccharide from a virulent strain of Pseudomonas solanacearum and from three avirulent mutants. Drigues P, et al. **J Bacteriol** 1985 May;162(2):504-9

Flocculation in Azospirillum brasilense and Azospirillum lipoferum: exopolysaccharides and cyst formation. Sadasivan L, et al. **J Bacteriol** 1985 Aug;163(2):716-23

Structure of the core oligosaccharide from lipopolysaccharide of Erwinia carotovora. Sandulache R, et al. **J Bacteriol** 1985 Mar;161(3):1226-7

Structure of acidic polysaccharide from cell wall of Propionibacterium acnes strain C7. Nagaoka M, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1669-78

Identification of Escherichia coli K1 antigen. Cross A, et al. **J Clin Microbiol** 1984 Aug;20(2):302-4

Detection of C polysaccharide in Streptococcus pneumoniae in the sputa of pneumonia patients by an enzyme-linked immunosorbent assay. Holmberg H, et al. **J Clin Microbiol** 1985 Jul;22(1):111-5

Enzyme immunoassay of teichoic acids from Listeria monocytogenes. Kamisango K, et al. **J Clin Microbiol** 1985 Jan;21(1):135-7

Antiserum agar method for identification of Smith type exopolysaccharides in clinical isolates of Staphylococcus aureus. West TE, et al. **J Clin Microbiol** 1985 Apr; 21(4):490-2

Detection of encapsulation in Staphylococcus aureus by use of antiserum agar. West TE, et al. **J Clin Microbiol** 1984 Aug;20(2):141-4

Purification, characterization and immunological properties of the serotype-specific capsular polysaccharide of Pasteurella haemolytica (serotype T4) organisms. Adlam C, et al. **J Gen Microbiol** 1985 Feb;131 (Pt 2):387-94

A computer program for the evaluation of ELISA data obtained using an automated microtiter plate absorbance reader. Caulfield MJ, et al. **J Immunol Methods** 1984 Nov 30;74(2):205-15

Quantitation of IgG antibody to the type-specific polysaccharide of group B streptococcus type Ib in pregnant women and infected infants. Gotoff SP, et al. **J Pediatr** 1984 Oct;105(4):628-30

The type-specific polysaccharide and the R protein antigens of the L-phase from a group B, type III Streptococcus. Flores AE, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Apr;259(2):165-78

Antigen analyses of serotypes of streptococcus mutans using a monoclonal antibody elaborated against serotype g polysaccharide antigen. Okahashi N, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Apr; 259(2):244-51

[Theoretical conformation analysis of tetrasaccharide-repeated links of the Shigella flexneri O-antigenic polysaccharide] Lipkind GM, et al. **Bioorg Khim** 1985 Apr;11(4):539-49 (Eng. Abstr.) **(Rus)**

[Theoretical conformation analysis of specific O-antigenic polysaccharides. Polysaccharide of Shigella dysenteriae of serotype 2] Lipkind GM, et al. **Bioorg Khim** 1983 Nov; 9(11):1568-77 (Eng. Abstr.) **(Rus)**

[Molecular structure of the O-specific polysaccharide of Shigella dysenteriae type 2] Nikitin IV, et al. **Dokl Akad Nauk SSSR** 1984;278(5):1133-7 **(Rus)**

[Use of the pneumococcal serovar 3 erythrocyte antibody diagnostic agent for analyzing polysaccharide-containing preparations] Moshiashvili IIa, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Aug;(8):77-80 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Genetics of exopolysaccharide production by mucoid Pseudomonas aeruginosa. Ohman DE, et al. **Antibiot Chemother** 1985;36:13-22

Biosynthesis of N-acetylmannosaminuronic-acid-containing cell-wall polysaccharide of Bacillus subtilis. Arakawa H, et al. **Eur J Biochem** 1984 Sep 17;143(3):635-42

Mutant of Escherichia coli deficient in osmoregulation of periplasmic oligosaccharide synthesis. Clark DP. **J Bacteriol** 1985 Mar;161(3):1049-53

Regulation of capsular polysaccharide synthesis in Escherichia coli K-12: characterization of three regulatory genes. Gottesman S, et al. **J Bacteriol** 1985 Jun; 162(3):1111-9

Role of lipid intermediate(s) in the synthesis of serogroup B Neisseria meningitidis capsular polysaccharide. Masson L, et al. **J Bacteriol** 1985 Mar;161(3):861-7

Biosynthesis of enterobacterial common antigen. Rick PD, et al. **J Bacteriol** 1985 May;162(2):494-503

Biosynthesis and assembly of the polysialic acid capsule in Escherichia coli K1. Activation of sialyl polymer synthesis in inactivate sialyltransferase complexes requires protein synthesis. Whitfield C, et al. **J Biol Chem** 1984 Oct 25; 259(20):12776-80

Biosynthesis and assembly of the polysialic acid capsule in Escherichia coli K1. Role of a low-density vesicle fraction in activation of the endogenous synthesis of sialyl polymers. Whitfield C, et al. **J Biol Chem** 1984 Oct 25; 259(20):12769-75

Screening of sugars inhibitory against sucrose-dependent synthesis and adherence of insoluble glucan and acid production by Streptococcus mutans. Imai S, et al. **J Dent Res** 1984 Nov;63(11):1293-7

Influence of nutrient media on the characteristics of the exopolysaccharide produced by three mucoid Pseudomonas aeruginosa strains. Buckmire FL. **Microbios** 1984;41(163):49-63

[Specificity of enzymes of biosynthesis of Salmonella anatum O-antigen for polyprenyl derivatives of different chain length and saturation] Kalinchuk NA, et al. **Bioorg Khim** 1985 Feb;11(2):219-26 (Eng. Abstr.) **(Rus)**

[Effect of the stereochemistry of the alpha-terminal units of polyprenols on the capacity of their phosphates to participate in the biosynthesis of Salmonella O antigen. Research with synthetic and semisynthetic prenols] Veselovskiĭ VV, et al. **Dokl Akad Nauk SSSR** 1985; 280(4):885-7 **(Rus)**

[Exopolysaccharide of Mycobacterium flavum] Kosenko LV, et al. **Mikrobiologiia** 1984 Jul-Aug;53(4):547-50 (Eng. Abstr.) **(Rus)**

CHEMICAL SYNTHESIS

Synthesis of a disaccharide component of the capsular polysaccharide antigen of Streptococcus pneumoniae type 1. Lönn H, et al. **Carbohydr Res** 1984 Sep 1;132(1):39-44

[Synthesis of oligosaccharide fragments of O-specific Shigella flexneri polysaccharides. II. Synthesis of trisaccharide Glc alpha1----3RHa alpha1----2Rha alpha1----OMe and tetrasaccharide GlcNAc beta1----2(Llc alpha1----3)Rha alpha1----2Rh alpha1----OMe] Bakinovskiĭ LV, et al. **Bioorg Khim** 1985 Feb;11(2):254-63 (Eng. Abstr.) **(Rus)**

[Synthesis of oligosaccharide fragments of O-specific polysaccharides of Shigella flexneri. III. Synthesis of the tetrasaccharide Glc alpha 1-3Rha alpha 1-2(Glc alpha 1-3)Rha alpha 1-OMe and the pentasaccharide GlcNAc beta 1-2(Glc alpha 1-3)Rha alpha 1-2(Glc alpha 1-3)Rha alpha 1-OMe] Bakinovskiĭ LV, et al. **Bioorg Khim** 1985 May;11(5):655-61 (Eng. Abstr.) **(Rus)**

[A carbohydrate-containing copolymer with the specificity of a capsular polysaccharide of type 3 Streptococcus pneumoniae] Cherniak AIa, et al. **Bioorg Khim** 1984 Oct; 10(10):1376-84 (Eng. Abstr.) **(Rus)**

[Chemico-enzymatic synthesis of Salmonella newington O-specific polysaccharide and its modified derivatives] Druzhinina TN, et al. **Bioorg Khim** 1984 Nov; 10(11):1548-52 (Eng. Abstr.) **(Rus)**

[Specificity of the enzymes of Salmonella O-antigen biosynthesis. 6. Synthesis of sugar nucleotides with glycosyl phosphate activation. Analogs of guanosine diphosphate mannose modified at position 6 ofthe purine ring] Shibaev VN, et al. **Bioorg Khim** 1983 May;9(5):684-7 (Eng. Abstr.) **(Rus)**

[Chemico-enzymatic synthesis of the O-specific polysaccharide of Salmonella serogroup E1] Shibaev VN, et al. **Bioorg Khim** 1983 Apr;9(4):564-6 (Eng. Abstr.) **(Rus)**

[Synthesis of moraprenylpyrophosphate disaccharides--precursors of the biosynthesis of Salmonella O-antigenic polysaccharides of C2 and C3 serotypes] Torgov VI, et al. **Bioorg Khim** 1985 Jan;11(1):83-90 (Eng. Abstr.) **(Rus)**

[Artificial immunogens from enterobacteria. I. The immunogenicity of conjugates of the O-polysaccharide from Salmonella typhimurium with synthetic polyelectrolytes] Petrov RV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec;(12):110-3 (Eng. Abstr.) **(Rus)**

DIAGNOSTIC USE

[Use of a Brucella protein-polysaccharide antigen for the allergen diagnosis of brucellosis] Dzhasybaeva TS, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May;(5):83-6 (Eng. Abstr.) **(Rus)**

GENETICS

Expression of lipopolysaccharide O antigen in Escherichia coli K-12 hybrids containing plasmid and chromosomal genes from Shigella dysenteriae 1. Hale TL, et al. **Infect Immun** 1984 Nov;46(2):470-5

Small virulence plasmid of Shigella dysenteriae 1 strain W30864 encodes a 41,000-dalton protein involved in formation of specific lipopolysaccharide side chains of serotype 1 isolates. Watanabe H, et al. **Infect Immun** 1984 Oct;46(1):55-63

New cysE-pyrE-linked rfa mutation in Escherichia coli K-12 that results in a heptoseless lipopolysaccharide. Coleman WG Jr, et al. **J Bacteriol** 1985 Mar;161(3):1209-14

lon transcriptional regulation of genes necessary for capsular polysaccharide synthesis in Escherichia coli K-12. Trisler P, et al. **J Bacteriol** 1984 Oct;160(1):184-91

Exopolysaccharide-deficient mutants of Rhizobium meliloti that form ineffective nodules. Leigh JA, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6231-5

IMMUNOLOGY

Role of the polysaccharide and of the lipopolysaccharide in the immunoprotective capacity of Klebsiella pneumoniae ribosomes. Robert D, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Oct; 92(5):293-9

Affinity chromatography for purification of antibodies to Neisseria gonorrhoeae and Neisseria meningitidis lipopolysaccharides. Rødahl E, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Oct; 92(5):247-54

Maternal-fetal transfer of pneumococcal capsular polysaccharide antibodies. Chudwin DS, et al. **Am J Dis Child** 1985 Apr;139(4):378-80

Antibody activity of IgG subclasses against pneumococcal polysaccharides after vaccination. Rynnel-Dagöö B, et al. **Am J Otolaryngol** 1985 Jul-Aug;6(4):275-9

Prospects for a mucoid exopolysaccharide vaccine for the prevention of infection due to mucoid strains of Pseudomonas aeruginosa. Baltimore RS. **Antibiot Chemother** 1985;36:147-56

Pseudomonas aeruginosa surface polysaccharide vaccines. New therapeutic approaches from basic research. Pier GB. **Antibiot Chemother** 1985;36:157-67

Serum IgM/A, IgA and functionally distinct IgM anti-type III pneumococcal polysaccharide (SIII) antibodies in BALB/c and athymic (nude) mice. Kearney R, et al. **Aust J Exp Biol Med Sci** 1984 Dec;62 (Pt 6):701-9

Regulation of immunity and tolerance to type III pneumococcal polysaccharide (SIII) by functionally distinct IgM anti-SIII antibodies. Kearney R, et al. **Aust J Exp Biol Med Sci** 1985 Feb;63 (Pt 1):19-32

Studies on the polysaccharide B and native haptene of Brucella and Yersinia enterocolitica serotype 9. Diaz R, et al. **Dev Biol Stand** 1984;56:213-20

Enzyme immunoassay detection of IgM to galactoxylomannan of Cryptococcus neoformans. Reiss E, et al. **Diagn Immunol** 1984;2(2):109-15

Protection against fatal Pseudomonas aeruginosa sepsis by immunization with smooth and rough lipopolysaccharides. Cryz SJ Jr, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):180-5

B cell activation and adjuvant activities of chemically synthesized analogues of the nonreducing sugar moiety of lipid A. Kumazawa Y, et al. **Eur J Immunol** 1985 Feb; 15(2):199-201

Murine V kappa 25 and V kappa 27 amino-acid sequences of C57B1/6 origin: monoclonal antibodies 17S29.1 and 22S25.1 specific for the group A-streptococcal polysaccharide. Aebersold R, et al. **Hoppe Seylers Z Physiol Chem** 1984 Dec;365(12):1375-83

Murine V kappa 21A isotype sequence: monoclonal antibody 50S10.1 specific for the group A streptococcal polysaccharide. Aebersold R, et al. **Hoppe Seylers Z Physiol Chem** 1984 Dec;365(12):1385-91

Group A streptococcal polysaccharide antiserum production in goats. Lakshmy A, et al. **Indian J Med Res** 1984 Oct; 80:409-11

Interaction of Salmonella telaviv with Maclura pomifera lectin. Allen PZ. **Infect Immun** 1985 Jan;47(1):90-3

Antigenic S-type lipopolysaccharide of Brucella abortus 1119-3. Caroff M, et al. **Infect Immun** 1984 Nov;46(2):384-8

Serum opsonic activity after immunization of adults with Haemophilus influenzae type b-diphtheria toxoid conjugate vaccine. Cates KL, et al. **Infect Immun** 1985 Apr; 48(1):183-9

Role of lipopolysaccharide in opsonization and phagocytosis of Pseudomonas aeruginosa. Engels W, et al. **Infect Immun** 1985 Jul;49(1):182-9

Effect of aluminum ions on chemical and immunological properties of meningococcal group B polysaccharide. Moreno C, et al. **Infect Immun** 1985 Sep;49(3):587-92

Immunity and protection of mice against Neisseria meningitidis group B by vaccination, using polysaccharide complexed with outer membrane proteins: a comparison with purified B polysaccharide. Moreno C, et al.

Infect Immun 1985 Feb;47(2):527–33

Reactivity of type-specific monoclonal antibodies with Staphylococcus aureus clinical isolates and purified capsular polysaccharide. Nelles MJ, et al. **Infect Immun** 1985 Jul;49(1):14–8

Role of Pseudomonas aeruginosa mucoid exopolysaccharide in adherence to tracheal cells. Ramphal R, et al. **Infect Immun** 1985 Jan;47(1):1–4

Immunogenic properties of octasaccharide-protein conjugates derived from Klebsiella serotype 11 capsular polysaccharide. Zigterman JW, et al. **Infect Immun** 1985 Feb;47(2):421–8

Capsular polysaccharide vaccines today. Mäkelä PH. **Infection** 1984;12 Suppl 1: S72–7 (28 ref.)

Studies on immunity against Escherichia coli K13 with monoclonal anti-K13 and anti-anti-K13. Söderström T, et al. **Infection** 1984 Jul–Aug;12(4):309–12

Correlation between G2m(n) immunoglobulin allotype and human antibody response and susceptibility to polysaccharide encapsulated bacteria. Ambrosino DM, et al. **J Clin Invest** 1985 Jun;75(6):1935–42

Immunogens consisting of oligosaccharides from the capsule of Haemophilus influenzae type b coupled to diphtheria toxoid or the toxin protein CRM197. Anderson P, et al. **J Clin Invest** 1985 Jul;76(1):52–9

Comparison of radioimmunoassay and enzyme-linked immunosorbent assay in measurement of antibodies to Neisseria meningitidis group A capsular polysaccharide. Beuvery EC, et al. **J Clin Microbiol** 1984 Oct;20(4):672–6

Measurement of growth-inhibiting (bactericidal) antibodies in patients with meningococcal meningitis and in subjects immunized with meningococcal polysaccharide vaccine by a [3H]thymidine assay. Hassan-King M, et al. **J Clin Microbiol** 1985 Jul;22(1):136–8

Antibody responses to capsular polysaccharide, lipopolysaccharide, and outer membrane in adults infected with Haemophilus influenzae type b. Lagergård T, et al. **J Clin Microbiol** 1984 Dec;20(6):1154–8

Modification of a direct enzyme-linked immunosorbent assay for the detection of immunoglobulin G and M antibodies to pneumococcal capsular polysaccharide. Messina JP, et al. **J Clin Microbiol** 1985 Mar;21(3):390–4

Human immune response to group A streptococcal carbohydrate (A-CHO). I. Quantitative and qualitative analysis of the A-CHO-specific B cell population responding in vitro to polyclonal and specific activation. Emmrich F, et al. **J Exp Med** 1985 Mar 1;161(3):547–62

Identification of protein antigens of group B streptococci, with special reference to the Ibc antigens. Russell-Jones GJ, et al. **J Exp Med** 1984 Nov 1;160(5):1476–84

Influence of growth temperature on the development of Escherichia coli polysaccharide K antigens. Orskov F, et al. **J Gen Microbiol** 1984 Oct;130 (Pt 10):2681–4

Analysis of idiotope variability as a function of distance from the binding site for anti-streptococcal group A carbohydrate antibodies. Greenspan NS, et al. **J Immunol** 1985 Sep;135(3):1914–21

Serologic and topographic characterization of idiotopes on murine monoclonal anti-streptococcal group A carbohydrate antibodies. Greenspan NS, et al. **J Immunol** 1985 Feb;134(2):1065–72

Isoelectric focusing of human antibody to the Haemophilus influenzae b capsular polysaccharide: restricted and identical spectrotypes in adults. Insel RA, et al. **J Immunol** 1985 Oct;135(4):2810–6

Determinant specificities of the groups B and C polysaccharides of Neisseria meningitidis. Jennings HJ, et al. **J Immunol** 1985 Apr;134(4):2651–7

Capsular polysaccharides of nongroupable streptococci that cross-react with pneumococcal group 19. Lee CJ, et al. **J Immunol** 1984 Nov;133(5):2706–11

Immunoenzymatic analysis by monoclonal antibodies of bacterial lipopolysaccharides after transfer to nitrocellulose. Sidberry H, et al. **J Immunol Methods** 1985 Feb 11,76(2):299–305

Human antibody to the group-specific polysaccharide of group B Streptococcus. Anthony BF, et al. **J Infect Dis** 1985 Feb;151(2):221–6

Prevention of fatal experimental burn-wound sepsis due to Klebsiella pneumoniae KP1-O by immunization with homologous capsular polysaccharide. Cryz SJ Jr, et al. **J Infect Dis** 1984 Dec;150(6):817–22

Safety and immunogenicity of Klebsiella pneumoniae K1 capsular polysaccharide vaccine in humans. Cryz SJ Jr, et al. **J Infect Dis** 1985 Apr;151(4):665–71

Induction of increased antibody responses to pneumococcal type 19F polysaccharide by Klebsiella polysaccharide. Lee CJ, et al. **J Infect Dis** 1985 Apr;151(4):658–64

Safety and immunogenicity of Haemophilus influenzae type B polysaccharide-diphtheria toxoid conjugate vaccine in adults. Lepow ML, et al. **J Infect Dis** 1984 Sep;150(3):402–6

Antibody titers to Propionibacterium acnes cell wall carbohydrate in nodulocystic acne patients. Webster GF, et al. **J Invest Dermatol** 1985 Jun;84(6) 496–500

Specificity of persistence of antibody to the streptococcal group A carbohydrate in rheumatic valvular heart disease. Appleton RS, et al. **J Lab Clin Med** 1985 Jan;105(1):114–9

A sialic-acid-specific lectin from Cepaea hortensis that promotes phagocytosis of a group-B, type-Ia, streptococcal strain. Holm SE, et al. **J Med Microbiol** 1985 Jun;19(3):317–23

Haemophilus influenzae type b polysaccharide vaccines. Granoff DM, et al. **J Pediatr** 1985 Sep;107(3):330–6 (52 ref.)

In vitro immunosuppression mediated by an extracellular polysaccharide from Capnocytophaga ochracea. Influence of macrophages. Bolton RW, et al. **J Periodont Res** 1985 May;20(3):251–9

Antibody levels achieved in infants by course of Haemophilus influenzae type B polysaccharide/diphtheria toxoid conjugate vaccine. Eskola J, et al. **Lancet** 1985 May 25; 1(8439):1184–6

Immunological paralysis to pneumococcal polysaccharide in man. Pichichero ME. **Lancet** 1985 Aug 31;2(8453):468–71

Age-specific differences in duration of clinical protection after vaccination with meningococcal polysaccharide A vaccine. Reingold AL, et al. **Lancet** 1985 Jul 20; 2(8447):114–8

Strong adjuvanticity of bacterial lipopolysaccharides possessing the homopolysaccharides consisting of mannose as the O-specific polysaccharide chains. Kato N, et al. **Med Microbiol Immunol (Berl)** 1985;174(1):1–14

Cross-reactions of polysaccharides of staphylococci and streptococci in antipneumococcal and other antisera. Heidelberger M. **Mol Immunol** 1984 Nov;21(11):1011–3

Comparison of an enzyme-linked immunosorbent assay with radioimmunoassay for the measurement of pneumococcal capsular polysaccharide antibodies. Katz MA, et al. **Mol Immunol** 1985 Mar;22(3):313–9

Experimental autoimmune hemolytic anemia in mice induced by repeated immunization with ultrasonicated syngeneic erythrocytes together with Klebsiella O3 lipopolysaccharide. Kato T, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):838–45

IgG and IgM pneumococcal polysaccharide antibody responses in infants. Barrett DJ, et al. **Pediatr Res** 1984 Nov;18(11):1067–71

Hemophilus type b polysaccharide vaccine. Committee on Infectious Diseases. **Pediatrics** 1985 Aug;76(2):322–4

Serum antibodies after vaccination with Haemophilus influenzae type b capsular polysaccharide and responses to reimmunization: no evidence of immunologic tolerance or memory. Käyhty H, et al. **Pediatrics** 1984 Nov; 74(5):857–65

The effect of monoclonal antibodies against Escherichia coli type 1 pili and capsular polysaccharides on the interaction between bacteria and human granulocytes. Söderström T, et al. **Scand J Immunol** 1984 Oct;20(4):299–305

Antibody response against the type specific capsular polysaccharide in pneumococcal pneumonia measured by enzyme linked immunosorbent assay. Kalin M, et al. **Scand J Infect Dis** 1985;17(1):25–32

Identification, purification, and characterization of antigen-activated and antigen-specific human B lymphocytes. Kehrl JH, et al. **Trans Assoc Am Physicians** 1983;96:182–7

Physicochemical and immunological characterization of meningococcal group A polysaccharide-tetanus toxoid conjugates prepared by two methods. Beuvery EC, et al. **Vaccine** 1983 Dec;1(1):31–6

Group B streptococcus type II antisera have anti-galactan specificities. Uhlenbruck G, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Apr; 259(2):179–87

[Evaluation of immune status in gastric cancer using Su-Ps skin test] Ogawa T, et al. **Gan To Kagaku Ryoho** 1984 Oct; 11(10):2221–6 (Eng. Abstr.) **(Jpn)**

[Clinical studies on the reaction of the skin to various doses of Su-polysaccharide in cancer patients] Sato M, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):245–9 (Eng. Abstr.) **(Jpn)**

[Evaluation of anti-group A streptococcal polysaccharide antibodies among healthy school children] Yamada T, et al. **Kansenshogaku Zasshi** 1984 Apr;58(4):293–6 (Eng. Abstr.) **(Jpn)**

[Follow-up study of 66 cases with metastatic liver cancer treated with the Maruyama vaccine--conditions for their survival] Iwaki H, et al. **Nippon Ika Daigaku Zasshi** 1984 Dec;51(6):762–7 **(Jpn)**

[Inhibitory effect of human C-reactive protein (CRP) on the antibody response in mice to pneumococcal C-polysaccharide] Nakayama S. **Nippon Saikingaku Zasshi** 1984 Sep;39(5):809–15 (Eng. Abstr.) **(Jpn)**

[Determination of antibodies to Streptococcus group A polysaccharide in human sera by an immunoenzyme method] Kolesnikova VIu, et al. **Biull Eksp Biol Med** 1985 Feb;99(2):181–3 (Eng. Abstr.) **(Rus)**

[Determination of antibodies to Streptococcus group A polysaccharide by an immunodiffusion method in human sera in various pathological processes of streptococcal etiology] Borodiiuk NA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):77–81 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Isolation of an acidic polysaccharide antigen from Propionibacterium acnes. Iversen OJ, et al. **Arch Dermatol Res** 1985;277(3):225–9

Purification and chemical characterization of an exopolysaccharide isolated from Capnocytophaga ochracea. Dyer JK, et al. **Can J Microbiol** 1985 Jan; 31(1):1–5

Conformational and dynamic differences between N. meningitidis serogroup B and C polysaccharides, using n.m.r. spectroscopy and molecular mechanics calculations. Lindon JC, et al. **Carbohydr Res** 1984 Oct 1;133(1):59–74

Structural determination of the capsular polysaccharide of Streptococcus pneumoniae type 18C (56). Lugowski C, et al. **Carbohydr Res** 1984 Aug 1;131(1):119–29

Non-destructive determination of the monosaccharide composition and the structure of the O-specific polysaccharide of Pseudomonas cepacia. Shashkov AS, et al. **Carbohydr Res** 1984 Oct 15;133(2):C9–11

The structure of a novel polysaccharide isolated from Zymomonas mobilis determined by nuclear magnetic resonance spectroscopy. Barrow KD, et al. **Eur J Biochem** 1984 Nov 15;145(1):173–9

Structural studies on the acidic polysaccharide of Bacillus cereus AHU 1356 cell walls. Kojima N, et al. **Eur J Biochem** 1985 May 2;148(3):479–84

The phosphate diester linkage of the peptidoglycan polysaccharide moieties of Micrococcus lysodeikticus cell wall. Nasir-ud-Din, et al. **J Biol Chem** 1985 Aug 25; 260(18):9981–7

Purification, characterization and immunological properties of the serotype-specific capsular polysaccharide of Pasteurella haemolytica (serotype A1) organisms. Adlam C, et al. **J Gen Microbiol** 1984 Sep;130 (Pt 9):2415–26

METABOLISM

Clearance of Bacteroides fragilis lipopolysaccharide in vivo. Sveen K. **Acta Pathol Microbiol Immunol Scand [C]** 1985 Feb;93(1):7–11

Rate, mechanism, and immunochemical studies of lactonisation in serogroup B and C polysaccharides of Neisseria meningitidis. Lifely MR, et al. **Carbohydr Res** 1984 Dec 1;134(2):229–43

Depolymerization of capsular polysaccharide by glycanase activity of Klebsiella bacteriophage phi 51. Chakraborty AK. **Indian J Biochem Biophys** 1985 Feb;22(1):22–6

Stimulation of clover root hair infection by lectin-binding oligosaccharides from the capsular and extracellular polysaccharides of Rhizobium trifolii. Abe M, et al. **J Bacteriol** 1984 Nov;160(2):517–20

Bacteriophage-induced acidic heteropolysaccharide lyases that convert the acidic heteropolysaccharides of Rhizobium trifolii into oligosaccharide units. Hollingsworth RI, et al. **J Bacteriol** 1984 Nov;160(2):510–6

Isolation and characterization of an alginase from mucoid strains of Pseudomonas aeruginosa. Linker A, et al. **J Bacteriol** 1984 Sep;159(3):958–64

Exocellular esterase and emulsan release from the cell surface of Acinetobacter calcoaceticus. Shabtai Y, et al. **J Bacteriol** 1985 Mar;161(3):1176–81

Effects of exopolysaccharide production by viridans streptococci on penicillin therapy of experimental endocarditis. Pulliam L, et al. **J Infect Dis** 1985 Jan; 151(1):153–6

Neuraminidase associated with coliphage E that specifically depolymerizes the Escherichia coli K1 capsular polysaccharide. Tomlinson S, et al. **J Virol** 1985 Aug; 55(2):374–8

Two human IgM myeloma proteins with unusual specificities for streptococcal carbohydrate-associated epitopes. Emmrich F, et al. **Scand J Immunol** 1985 Feb;21(2):119–26

PHARMACODYNAMICS

Tolerance of Acinetobacter calcoaceticus RAG-1 to the cationic surfactant cetyltrimethylammonium bromide: role of the bioemulsifier emulsan. Shabtai Y, et al. **Appl Environ Microbiol** 1985 Jan;49(1):192–7

Mitogenicity and adjuvanticity of lipopolysaccharide from a marine bacterium, Vibrio anguillarum, in mice. Shimizu T, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):4165–9

Blastogenic response of bovine lymphocytes to Brucella abortus lipopolysaccharide. Baldwin CL, et al. **Infect Immun** 1985 Feb;47(2):570–2

Biological effects of White-type polysaccharides of gram-negative bacteria. Rothman J, et al. **J Biol Response Mod** 1985 Apr;4(2):169–84

Effects of extracellular plaque components on the chlorhexidine sensitivity of strains of Streptococcus mutans and human dental plaque. Wolinsky LE, et al. **J Dent Res** 1985 Aug;64(8):1051–4

Polyclonal B cell stimulation and interleukin 1 induction by the mucoid exopolysaccharide of Pseudomonas aeruginosa associated with cystic fibrosis. Daley L, et al. **J Immunol** 1985 May;134(5):3089–93

Pneumococcal polysaccharides induce antibody formation by human B lymphocytes in vitro. Rijkers GT, et al. **J Immunol** 1985 Jul;135(1):1–4

Inhibition of yeast phagocytosis in macrophage cultures treated with slime polysaccharide purified from Pseudomonas aeruginosa. Grasso RJ, et al. **J Leukocyte Biol** 1984 Dec;36(6):771–4

Prostanoid production by lipopolysaccharide-stimulated Kupffer cells. Bowers GJ, et al. **J Surg Res** 1985 May; 38(5):501–8

Effects of methylprednisolone on the response to group B streptococcal toxin in sheep. Rojas J, et al. **Pediatr Res** 1984 Nov;18(11):1141–4

[Modulation of phagocytic activity with prodigiozan and obsidan] Medvedev IuA, et al. **Antibiotiki** 1984 Nov; 29(11):848–51 (Eng. Abstr.) **(Rus)**

[Effect of prodigiozan and lysozyme on the surface structures of macrophages after immunosuppression] Shcherbakova EG, et al. **Antibiotiki** 1984 Nov;29(11):840-4 (Eng. Abstr.) **(Rus)**

[Characteristics of the reaction of immunologically tolerant mice to the polyclonal stimulant salmozan] Kondrat'eva TK, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):714-6 (Eng. Abstr.) **(Rus)**

[Effect of prodigiozan and pyrogenal on the neural regulation of the frog heart] Piruzian LA, et al. **Farmakol Toksikol** 1985 Mar-Apr;48(2):69-72 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Extracellular polysaccharide production by Klebsiella pneumoniae and its relationship to virulence. Domenico P, et al. **Can J Microbiol** 1985 May;31(5):472-8

Quantitation of adherence of mucoid and nonmucoid Pseudomonas aeruginosa to hamster tracheal epithelium. Marcus H, et al. **Infect Immun** 1985 Mar;47(3):723-9

The relative role of bacterial cell wall and capsule in the induction of inflammation in pneumococcal meningitis. Tuomanen E, et al. **J Infect Dis** 1985 Mar;151(3):535-40

THERAPEUTIC USE

Decline of serum antibody in splenectomized children after vaccination with pneumococcal capsular polysaccharides. Giebink GS, et al. **J Pediatr** 1984 Oct;105(4):576-82

[Possibility of increasing the efficacy of antibiotic therapy of erysipelas using combinations of methyluracil with prodigiozan] Frolov VM, et al. **Antibiot Med Biotekhnol** 1985 May;30(5):375-8 (Eng. Abstr.) **(Rus)**

[Use of sodium nucleinate and its combinations with bacterial polysaccharides for preventing the nephrotoxic action of aminoglycoside antibiotics] Salakaia RG, et al. **Antibiotiki** 1984 Jul;29(7):507-9 (Eng. Abstr.) **(Rus)**

[Use of prodigiozan for increasing the effectiveness of the antibiotic therapy of dysentery in children] Vereshchagin IA, et al. **Antibiotiki** 1984 Oct;29(10):791-4 **(Rus)**

[Suppression of adjuvant arthritis with levamisole and prodigiozan] Sibiriak SV, et al. **Farmakol Toksikol** 1984 Nov-Dec;47(6):84-7 (Eng. Abstr.) **(Rus)**

POLYSOMES see **POLYRIBOSOMES**

POLYSORBATE 20 see **POLYSORBATES**

POLYSORBATE 80 see **POLYSORBATES**

POLYSORBATES

Effect of surfactants on the separation of proteins by reversed-phase high-performance liquid chromatography. I. Non-ionic surfactants (Tween). Chang JP. **J Chromatogr** 1984 Dec 28;317:157-63

Decrease in the rate of capsule dissolution due to formaldehyde from polysorbate 80 autoxidation. Chafetz L, et al. **J Pharm Sci** 1984 Aug;73(8):1186-7

ADMINISTRATION & DOSAGE

In vitro release of meclozine hydrochloride from lipophilic suppository bases with or without tensides. Bećirević M, et al. **Pharmazie** 1984 Dec;39(12):828-30

ANALYSIS

Determination of polysorbate in ascites fluid from a premature infant. McKean DL, et al. **J Anal Toxicol** 1985 Jul-Aug;9(4):174-6

Cmc of mixtures of chlorpromazine hydrochloride and polysorbate 80 determined by pH measurements. Paiement J. **J Pharm Pharmacol** 1984 Sep;36(9):614-5

ISOLATION & PURIFICATION

Detoxification of tween for the cultivation of Leptospira. Kojima T, et al. **Microbiol Immunol** 1984;28(8):949-54

PHARMACODYNAMICS

Polysorbate 80: a pharmacological study. Varma RK, et al. **Arzneimittelforschung** 1985;35(5):804-8

The distribution and elimination of methotrexate in mouse blood and brain after concurrent administration of polysorbate 80. Azmin MN, et al. **Cancer Chemother Pharmacol** 1985;14(3):238-42

Influence of surface-active food additives on the integrity and permeability of rat intestinal mucosa. Tagesson C, et al. **Food Chem Toxicol** 1984 Nov;22(11):861-4

Does an increase in membrane unsaturated fatty acids account for Tween 80 stimulation of glucosyltransferase secretion by Streptococcus salivarius? Jacques NA, et al. **J Gen Microbiol** 1985 Jan;131 (Pt 1):67-72

Mechanism of mycobacteriocin and Tween 80 mediated antimycobacterial activity. Tomioka H, et al. **J Gen Microbiol** 1984 Dec;130 (Pt 12):3085-9

Effects of vitamin E in kid erythrocytes on Tween 20-induced hemolysis in vitro. Hodate K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Dec;30(6):509-14

Enhancement of hepatocarcinogenesis by sorbitan fatty acid ester, a liver pyruvate kinase activity-reducing substance. Yanagi S, et al. **JNCI** 1985 Aug;75(2):381-4

Effect of sodium lauryl sulphate and Tween 80 on the permeation of glibenclamide from its tablet formulations through rabbit jejunal sac. Singh J, et al. **Pharmazie** 1984 Dec;39(12):854

[The influence of surfactant (Tween) to the growth and producing activity of esterase of Legionella species and Legionella-like organisms] Sawatari K, et al. **Kansenshogaku Zasshi** 1984 Nov;58(11):1161-9 (Eng. Abstr.) **(Jpn)**

[Effect of ointment bases on the absorption of hydrocortisone acetate from ointments] Umer S. **Ann Univ Mariae Curie Sklodowska [Med]** 1982;37:233-7 (Eng. Abstr.) **(Pol)**

THERAPEUTIC USE

Lack of efficacy of polysorbate 60 in the treatment of male pattern baldness. Groveman HD, et al. **Arch Intern Med** 1985 Aug;145(8):1454-8

TOXICITY

Hepatotoxicity of chemically-defined diets containing polysorbate-80 in germfree and conventional mice. Reyniers JP, et al. **Prog Clin Biol Res** 1985;181:91-4

POLYSTYRENES

Effects of electrostatic charge on aerosol collection with polystyrene filter cassettes. Turner S, et al. **Am Ind Hyg Assoc J** 1984 Nov;45(11):745-8

Diet, nutrition intake, and metabolism in populations at high and low risk for colon cancer. Amberlite XAD-2 in the determination of human fecal bile acids. Turjman N, et al. **Am J Clin Nutr** 1984 Oct;40(4 Suppl):957-60

Protein quantitation of as low as 10-ng/ml concentrations by competitive binding to polystyrene latexes. Sandwick RK, et al. **Anal Biochem** 1985 May 15;147(1):210-6

The adsorption behaviour of two commercial IgG-preparations onto a polystyrene latex surface. Ronner JA, et al. **Biomaterials** 1984 Jul;5(4):241-3

Laboratory experiments on the effectiveness of expanded polystyrene (EPS) beads in mosquito control. Sharma VP. **Indian J Malariol** 1984 Dec;21(2):115-8

Polymer resins with amino acid containing pendants for sorption of bilirubin. I. Comparison of Merrifield and polyamide resins. Henning DS, et al. **Int J Artif Organs** 1984 Jul;7(4):209-14

Preconcentration of cadmium, chromium, copper and lead in drinking water on the polyacrylic ester resin, XAD-7. Subramanian KS, et al. **Int J Environ Anal Chem** 1985; 19(4):261-72

Production of mutagenic artifacts by the action of residual chlorine on XAD-4 resin. Sweeney AG, et al. **J Chromatogr** 1985 May 29;325(1):95-102

Cavity varnish and cavity liner appearance on enamel and dentin. Tveit AB, et al. **J Prosthet Dent** 1985 Feb; 53(2):199-203

[Enzyme immunoassay using polystyrene beads in the diagnosis of Japanese cedar pollinosis] Matsui S, et al. **Arerugi** 1985 Jan;34(1):6-14 (Eng. Abstr.) **(Jpn)**

ADMINISTRATION & DOSAGE

Image enhancement in computerized tomography for sensitive diagnosis of liver cancer and semiquantitation of tumor selective drug targeting with oily contrast medium. Maki S, et al. **Cancer** 1985 Aug 15;56(4):751-7

[Tumor-targeted chemotherapy with lipid contrast medium and macro molecular anticancer agents theoretical considerations and clinical outcome] Maeda H, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):773-82 (Eng. Abstr.) **(Jpn)**

[Histochemical study on acid phosphatase activity in the normal corneal endothelium and after polystyrene latex particles injection into the anterior chamber in the rabbit] Asano T. **Nippon Ganka Gakkai Zasshi** 1984 Aug; 88(8):1166-75 (Eng. Abstr.) **(Jpn)**

[Arterial administration of SMANCS and other antitumor agents dissolved in lipiodol for various malignant solid tumors] Konno T, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):1151-6 (Eng. Abstr.) **(Jpn)**

[Treatment of malignant renal tumor with intra-arterial administration of oily anticancer drugs] Konno S, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Dec;75(12):1874-82 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

[Acid and alkaline phosphatase activity of blood neutrophils in the workers in a synthetic rubber plant] Mamedov AM, et al. **Gig Tr Prof Zabol** 1985 May;(5):31-5 (Eng. Abstr.) **(Rus)**

ANALYSIS

New FDA migration cell used to study migration of styrene from polystyrene into various solvents. Snyder RC, et al. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):770-5

DIAGNOSTIC USE

Technetium-99m triethylene tetramine polystyrene resin gastric emptying studies in patients with various upper gastrointestinal diseases. Shih WJ, et al. **Clin Nucl Med** 1985 Jul;10(7):494-7

PHARMACODYNAMICS

[Reaction of an established L cell line to the presence of polystyrene resin] Puža V, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(5):547-54 (Eng. Abstr.) **(Cze)**

[A number of sorbents useful for the sorption of cephalosporin C] Kliueva LM, et al. **Antibiotiki** 1984 Jul; 29(7):488-90 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Alleviation of paraquat toxicity by Kayexalate and Kalimate in rats. Nokata M, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Aug;55(2):158-60

Resin hemoperfusion in hepatic porphyrias. Horák J, et al. **Artif Organs** 1985 May;9(2):169-72

Selective targeting of anti-cancer drug and simultaneous image enhancement in solid tumors by arterially administered lipid contrast medium. Konno T, et al. **Cancer** 1984 Dec 1;54(11):2367-74

Clinical evaluation of arterial administration of SMANCS in oily contrast medium for liver cancer. Tashiro S, et al. **Jpn J Med** 1985 Feb;24(1):79-80

[Computed tomography after administration of SMANCS-lipiodol to liver cancers] Maki S, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Aug 20;19(7):1443-9 (Eng. Abstr.) **(Jpn)**

POLYTEF see **POLYTETRAFLUOROETHYLENE**

POLYTETRAFLUOROETHYLENE

Reconstruction of the airway with a composite alloplastic and autogenous graft. An experimental study. Löfgren LA, et al. **Acta Otolaryngol (Stockh)** 1985 Jul-Aug; 100(1-2):140-50

Vancomycin prevents polytetrafluoroethylene graft infections in pediatric patients receiving chronic hemodialysis. Fivush BA, et al. **Am J Kidney Dis** 1985 Feb; 5(2):120-3

Bioactive ceramics versus proplast implants in ossiculoplasty. Babighian G. **Am J Otol** 1985 Jul;6(4):285-90

Mechanisms of arterial graft failure. 1. Role of cellular proliferation in early healing of PTFE prostheses. Clowes AW, et al. **Am J Pathol** 1985 Jan;118(1):43-54

Successful renal vein reconstruction with a polytetrafluoroethylene vascular graft in kidney transplantation. Santiago-Delpín EA, et al. **Am J Surg** 1985 Feb;149(2):310-1

Effects of whole blood clots, time, and implant size on vascularization and collagen deposition along Teflon-ensheathed carbon fibers implanted in ewes. Stein LE, et al. **Am J Vet Res** 1984 Dec;45(12):2640-4

When less is more: Teflon and telemetry in the space age [editorial] Stewart RD. **Ann Emerg Med** 1985 Oct; 14(10):992-4

Comparison of prosthetic materials for abdominal wall reconstruction in the presence of contamination and infection. Brown GL, et al. **Ann Surg** 1985 Jun; 201(6):705-11

Long-term patency of polytetrafluoroethylene vascular grafts in coronary artery surgery. Murtra M, et al. **Ann Thorac Surg** 1985 Jan;39(1):86-7

PTFE grafts and Doppler signals [letter] Opie JC. **Ann Thorac Surg** 1985 Jul;40(1):100-1

Use of polytetrafluorinated ethylene compound in peripheral nerve grafting. An experimental study. Rice DH, et al. **Arch Otolaryngol** 1985 Apr;111(4):259-61

Surface healing and histologic maturation of patent polytetrafluoroethylene grafts implanted in patients for up to 60 months. Camilleri JP, et al. **Arch Pathol Lab Med** 1985 Sep;109(9):833-7

Femoropopliteal bypass with a Goretex prosthesis: a long-term follow-up. Klimach O, et al. **Br J Surg** 1984 Nov;71(11):821-4

Textile Teflon arterial prostheses: how successful are they? Couture J, et al. **Can J Surg** 1984 Nov;27(6):575-82

The GORE-TEX expanded polytetrafluoroethylene prosthetic ligament. An in vitro and in vivo evaluation. Bolton CW, et al. **Clin Orthop** 1985 Jun;(196):202-13

Porous prostheses: an electron microscopic study. Brennan G, et al. **Clin Otolaryngol** 1984 Aug;9(4):229-33

Polytetrafluoroethylene versus autogenous vein grafts for vascular reconstruction in contaminated wounds. Stone KS, et al. **Curr Surg** 1984 Jul-Aug;41(4):267-71

Airway resistance and deposition of particles in the lung. Svartengren M, et al. **Exp Lung Res** 1984;7(3-4):257-69

An experimental endoscopic technique for reversing gastroesophageal reflux in dogs by injecting inert material in the distal esophagus. O'Connor KW, et al. **Gastrointest Endosc** 1984 Oct;30(5):275-80

Recent techniques in vascular access. Tellis VA. **Int J Artif Organs** 1985 Mar;8(2):75-8

The use of expanded polytetrafluoroethylene (PTFE) grafts for myocardial revascularization. Hehrlein FW, et al. **J Cardiovasc Surg (Torino)** 1984 Nov-Dec;25(6):549-53

Non-invasive measurement of blood flow-rate in expanded polytetrafluoroethylene grafts. Rittgers SE, et al. **J Med Eng Technol** 1985 Jan-Feb;9(1):1-4

Surgeon's workshop. Replacement of an abdominal wall defect using expanded PTFE sheet (Gore-tex). Hamer-Hodges DW, et al. **J R Coll Surg Edinb** 1985 Feb;

30(1):65-7

Serous fluid leakage through PTFE grafts: a possible explanation [letter] Johnson JM. **J Thorac Cardiovasc Surg** 1985 Mar;89(3):469-70

Expanded polytetrafluoroethylene surgical membrane for pericardial closure. An experimental study. Revuelta JM, et al. **J Thorac Cardiovasc Surg** 1985 Mar;89(3):451-5

Five-year experience with PTFE grafts in vascular wounds. Feliciano DV, et al. **J Trauma** 1985 Jan;25(1):71-82

Polytetrafluoroethylene injection for urinary incontinence in children. Vorstman B, et al. **J Urol** 1985 Feb;133(2):248-50

Endothelial cell seeding of a new PTFE vascular prosthesis. Kempczinski RF, et al. **J Vasc Surg** 1985 May;2(3):424-9

Bilateral resection and reconstruction of internal jugular vein for thyroid carcinoma. Takeichi N, et al. **Jpn J Surg** 1984 Nov;14(6):465-71

Septic involvement of polytetrafluoroethylene (PTFE) anastomoses producing false aneurysms: diagnosis and problems related to management. Monarrez CN, et al. **Pediatr Cardiol** 1984;5(4):297-300

Endocarditis on a Gore-Tex tube prosthesis. Romero Vivas J, et al. **Pediatr Infect Dis** 1985 May-Jun;4(3):296-8

Patency of autogenous saphenous vein versus polytetrafluoroethylene grafts in femoropopliteal bypass for advanced ischemia of the extremity. Bennion RS, et al. **Surg Gynecol Obstet** 1985 Mar;160(3):239-42

Inhibition of platelet deposition on polytetrafluoroethylene grafts by antiplatelet agents. Kon ND, et al. **Surgery** 1984 Nov;96(5):870-3

High incidence of infectious complications with the Hemasite vascular access device. Barth RH, et al. **Trans Am Soc Artif Intern Organs** 1984;30:450-7

Replacement of partially resected canine urethra by polytetrafluoroethylene. Anwar H, et al. **Urology** 1984 Dec;24(6):583-6

[Experimental study on the compound polytetrafluoroethylene (PTFE) and its clinical application] Wang QL, et al. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Jan;20(1):12-4, 63 (Eng. Abstr.) **(Chi)**

[Treatment of complex incontinence in the female by sub-urethral injections of teflon paste] Salé JM, et al. **Ann Urol (Paris)** 1984 Jun-Jul;18(4):263-5 (Eng. Abstr.) **(Fre)**

[Improvement of the tolerance of prolonged catheterization of radial artery] Martin C, et al. **Presse Med** 1985 Mar 9;14(10):594-5 (Eng. Abstr.) **(Fre)**

[Beroset Y 23 G--a new teflon indwelling catheter] Schaps D, et al. **Anaesthesist** 1984 Dec;33(12):596-7 (Eng. Abstr.) **(Ger)**

[Experimental studies on artificial prostheses in microvascular surgery] Brennwald J, et al. **Handchir Mikrochir Plast Chir** 1985 Jan;17(1):41-2 (Eng. Abstr.) **(Ger)**

[Histopathologic findings on proplast and plastipore prostheses] Colletti V, et al. **Acta Otorhinolaryngol Ital** 1984 Nov-Dec;4(6):689-96 (Eng. Abstr.) **(Ita)**

[Study on the application of EPTFE (expanded polytetrafluoroethylene) in the field of surgery] Matsumoto H. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):893-7 (Eng. Abstr.) **(Jpn)**

[Experimental study on the influence of porosity on the development of the neointima in E-PTFE grafts] Watanabe T. **Nippon Geka Gakkai Zasshi** 1984 Jun;85(6):580-91 (Eng. Abstr.) **(Jpn)**

[Systemic-pulmonary artery shunts using expanded polytetrafluoroethylene (EPTFE) grafts] Gohda T, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Mar;33(3):271-6 (Eng. Abstr.) **(Jpn)**

[Reconstruction of the superior vena cava in malignant diseases using Gore-Tex graft with an external ring support] Hadama T, et al. **Rinsho Kyobu Geka** 1984 Nov;4(6):757-62 (Eng. Abstr.) **(Jpn)**

[Evaluation of biocompatibility of polytetrafluoroethylene (PTFE) in rabbits] Gwizdala Z, et al. **Patol Pol** 1984 Jul-Sep;35(3):341-8 (Eng. Abstr.) **(Pol)**

[Reparative surgical procedure in palpebral coloboma by a tarsal substitute with a teflon artificial artery] Olteanu M, et al. **Rev Chir [Oftalmol]** 1984 Jul-Sep;28(3):187-92 (Eng. Abstr.) **(Rum)**

[Use of prostheses made of highly porous polytetrafluoroethylene in the reconstruction of veins] Pokrovskii AV, et al. **Khirurgiia (Mosk)** 1985 May;(5):126-31 **(Rus)**

ADMINISTRATION & DOSAGE

Endoscopic Teflon injection for a refluxing ureteric stump after simple nephrectomy. Bullock KN, et al. **Br Med J [Clin Res]** 1985 Apr 13;290(6475):1109

Application of Teflon paste for urinary incontinence--report of 2 cases. Namiki T. **Urol Int** 1984;39(5):280-2

ADVERSE EFFECTS

Laryngeal obstruction after Teflon injection. Ejnell H, et al. **Acta Otolaryngol (Stockh)** 1984 Sep-Oct;98(3-4):374-9

Respiratory obstruction following vocal cord injection of Teflon paste. Bates GJ, et al. **Anaesthesia** 1984 Dec;39(12):1232-4

Polytef (Teflon) migration after periurethral injection: tracer and x-ray microanalysis techniques in experimental study. Malizia AA Jr, et al. **Trans Am Soc Artif Intern Organs** 1984;30:330-4

[A case of polymer fever] Jandrain B, et al. **Rev Med Liege** 1985 May 15;40(10):428-32 **(Fre)**

[Iatrogenic teflon granuloma of the eyelid. (Teflon paste, an unsuitable filling material for plastic eyelid surgery)] Daicker B, et al. **Klin Monatsbl Augenheilkd** 1985 Feb;186(2):121-3 (Eng. Abstr.) **(Ger)**

POISONING

[Polymer-fume fever. Current diagnosis in general practice] Hagestad K. **Tidsskr Nor Laegeforen** 1984 Aug 20;104(23):1546-7 (Eng. Abstr.) **(Nor)**

STANDARDS

[Replacement of portal vein with E-PTFE vascular graft; experimental study on process of the endothelialization] Ohkuma T. **Nippon Geka Gakkai Zasshi** 1984 Dec;85(12):1558-69 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

Polytetrafluoroethylene grafts as the first-choice arterial substitute in femoropopliteal revascularization. Quinones-Baldrich WJ, et al. **Arch Surg** 1984 Nov;119(11):1238-43

Teflon injection in stress incontinence. Deane AM, et al. **Br J Urol** 1985 Feb;57(1):78-80

'Total hip arthroplasty with a low-modulus porous-coated femoral component. Progress report' [letter] Rydholm A, et al. **J Bone Joint Surg [Am]** 1985 Sep;67(7):1142-3

Six year experience with expanded polytetrafluoroethylene arterial grafts for limb salvage. Ascer E, et al. **J Cardiovasc Surg (Torino)** 1985 Sep-Oct;26(5):468-72

Correlation of operative findings with angiographic and noninvasive hemodynamic factors associated with failure of polytetrafluoroethylene grafts. O'Donnell TF Jr, et al. **J Vasc Surg** 1984 Jan;1(1):136-48

Transcutaneous Teflon injection of the paralyzed vocal cord: a new technique. Ward PH, et al. **Laryngoscope** 1985 Jun;95(6):644-9

Revascularization of popliteal and below-knee arteries with polytetrafluoroethylene. Christenson JT, et al. **Surgery** 1985 Feb;97(2):141-9

[Endoscopic teflon injection in the treatment of female stress urinary incontinence] Schulman CC, et al. **Ann Urol (Paris)** 1984 May;18(3):172-4 (Eng. Abstr.) **(Fre)**

POLYURETHANES

Polyurethane-covered silicone gel mammary prosthesis for successful breast reconstruction. Pennisi VR. **Aesthetic Plast Surg** 1985;9(2):73-7

Force degradation of orthodontic elastomeric chains--a product comparison study. De Genova DC, et al. **Am J Orthod** 1985 May;87(5):377-84

Evaluation of the gas transfer characteristics of porous copolyurethane oxygenator membranes. Knight PM, et al. **Ann Biomed Eng** 1985;13(1):25-41

Implant effects on polyurethane and silicone cardiac pacing leads in humans: insulation measurements and SEM observations. Barbaro V, et al. **Biomaterials** 1985 Jan;6(1):28-32

Effects of implantation on the mechanical properties of the polyurethane diaphragm of left ventricular assist devices. Hayashi K, et al. **Biomaterials** 1985 Mar;6(2):82-8

Do amines induce occupational asthma in workers manufacturing polyurethane foams? Candura F, et al. **Br J Ind Med** 1984 Nov;41(4):552-3

A new temporary synthetic skin substitute. Golan J, et al. **Burns Incl Therm Inj** 1985 Apr;11(4):274-80

Thrombogenicity of central venous catheters: prospective study of polyethylene, silicone and polyurethane catheters with phlebography or post-mortem examination. Pottecher T, et al. **Eur J Anaesthesiol** 1984 Dec;1(4):361-5

Dimethylformamide risk. An evaluation in the production of artificial organic leather. Sala C, et al. **G Ital Med Lav** 1984 May-Jul;6(3-4):143-8

Symptoms and lung function in low-exposure to TDI by polyurethane foam manufacturing. Alexandersson R, et al. **Int Arch Occup Environ Health** 1985;55(2):149-57

Removal of protein-bound substance in hepatic failure: polyetherurethane sheet embedded with powdered charcoal (UPC). Kawanishi H, et al. **Int J Artif Organs** 1984 Nov;7(6):343-8

Dermal wound repair: role of collagen matrix implants and synthetic polymer dressings. Leipziger LS, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 2):409-19

The elastic properties of a polyurethane arterial prosthesis. How TV, et al. **J Biomech** 1984;17(8):597-608

Properties of microfilled composite resins as influenced by filler content. St. Germain H, et al. **J Dent Res** 1985 Feb;64(2):155-60

Custom-made denture teeth and denture base material for removable partial dentures. Schulter CW. **J Prosthet Dent** 1985 Feb;53(2):271-6

The influence of environmental aging upon the loadbearing properties of polyurethane foams. Noble PC, et al. **J Rehabil Res Dev** 1984 Jul;21(2):31-8

Early problems encountered with the Mentor inflatable penile prosthesis. Fein RL, et al. **J Urol** 1985 Jul;134(1):62-4

Clinical effect of nonthrombotic total parenteral nutrition catheters. Fabri PJ, et al. **JPEN** 1984 Nov-Dec;8(6):705-7

Op-Site dressing study: a prospective randomized study evaluating povidone iodine ointment and extension set changes with 7-day Op-Site dressings applied to total parenteral nutrition subclavian sites. Powell CR, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul-Aug;9(4):443-6

Rigid polyurethane foam casts for the fixation of human limbs. Weiss PL, et al. **Med Biol Eng Comput** 1984 Nov;22(6):603-4

Examination of explanted polyurethane pacemaker leads using the scanning electron microscope. Beyersdorf F, et al. **PACE** 1985 Jul;8(4):562-8

Polyurethane-covered breast implant [letter] **Plast Reconstr Surg** 1984 Nov;74(5):728-9

Infection surrounding Même implants [letter] Herman S. **Plast Reconstr Surg** 1985 Jun;75(6):926

Infection with polyurethane-coated implants [letter] Umansky C. **Plast Reconstr Surg** 1985 Jun;75(6):925

Polyurethane-coated implants [letter] Wilkinson TS. **Plast Reconstr Surg** 1985 Jun;75(6):925-6

The use of flexible polyurethane foam in orthotics. Taylor AG. **Prosthet Orthot Int** 1984 Aug;8(2):108-10

The use of transparent semipermeable polyurethane membrane for percutaneous drainage of the biliary tract. Lau WY, et al. **Surg Gynecol Obstet** 1985 Sep;161(3):291-2

Patency and neo-intima development in 10 cm-long microvascular polyurethane prostheses implanted into the rat aorta. Hess F, et al. **Thorac Cardiovasc Surg** 1984 Oct;32(5):283-7

Mitrathane. A new polyether urethane urea for critical medical application. Gilding DK, et al. **Trans Am Soc Artif Intern Organs** 1984;30:571-6

In vivo investigation of a new elastomeric vascular graft (Mitrathane). Ives CL, et al. **Trans Am Soc Artif Intern Organs** 1984;30:587-90

The blood interface with segmented polyurethanes: 'multilayered protein passivation mechanism'. Matsuda T, et al. **Trans Am Soc Artif Intern Organs** 1984;30:353-8

[Steel-isosite bridges--a semipermanent temporary appliance in periodontics?] Rüeger K. **Schweiz Monatsschr Zahnmed** 1985 Apr;95(4):353-63 (Eng. Abstr.) **(Ger)**

[Polyurethane positioning devices for radiotherapy] Alzen G, et al. **Strahlentherapie** 1985 Jun;161(6):374-8 (Eng. Abstr.) **(Ger)**

[How should one close small incisions in varicose vein operations?] Fischer R. **Vasa** 1984;13(3):251-3 (Eng. Abstr.) **(Ger)**

[Testing of polyurethane as an implant for its biological compatibility] Kothe HW. **Z Exp Chir Transplant Kunstliche Organe** 1985;18(3):177-81 (Eng. Abstr.) **(Ger)**

[Comparison of stationary and person-bound measurements of toluene diisocyanate in workrooms of a polyurethane foam-producing plant] Schaffernicht H, et al. **Z Gesamte Hyg** 1985 Jun;31(6):373-5 (Eng. Abstr.) **(Ger)**

[Development of the head and neck immobilization device, using rigid polyurethane foam] Makino N. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 May 25;44(5):714-26 (Eng. Abstr.) **(Jpn)**

[Improvement of the immobilization method in combination with a rigid urethane foam supporter and a thermoplastic cast] Makino N. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 May 25;44(5):732-4 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

In vivo and in vitro testing of gloves for protection against UV-curable acrylate resin systems. Rietschel RL, et al. **Contact Dermatitis** 1984 Nov;11(5):279-82

Dermatological problems with synthetic resins and plastics in glues. Part II. Malten KE. **Derm Beruf Umwelt** 1984;32(4):118-25

ANALYSIS

Electron capture detection-gas chromatographic determination of diaminotoluenes in polyurethane foam as heptafluorobutyryl derivatives. Hirayama T, et al. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):746-8

CHEMICAL SYNTHESIS

Do amines induce occupational asthma in workers manufacturing polyurethane foams? [letter] Brochhagen F. **Br J Ind Med** 1985 Aug;42(8):567

METABOLISM

[Biodegradation of polyethylene and polyether-polyurethane] Weimer E, et al. **Biomed Tech (Berlin)** 1984 Sep;29(9):218-25 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Characterization of two crystalline polyurethane homopolymers as potential materials for biomedical applications. Marconi W, et al. **Int J Artif Organs** 1984 Nov;7(6):349-52

A comparison of the in-vitro antibacterial and complement activating effect of 'OpSite' and 'Tegaderm' dressings. Holland KT, et al. **J Hosp Infect** 1984 Sep;5(3):323-8

[Results of physical studies of Isosite filling materials] Welker D, et al. **Zahn Mund Kieferheilkd** 1985;73(2):137-47 (Eng.

Abstr.) **(Ger)**

POISONING

Systemic reactions associated with polyisocyanate exposure. Nielsen J, et al. **Scand J Work Environ Health** 1985 Feb; 11(1):51-4

THERAPEUTIC USE

Opsite, a synthetic burns dressing. Fong PH, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):387-90

Clinical evaluation of Epi-Lock—a semiocclusive dressing. Wayne MA. **Ann Emerg Med** 1985 Jan;14(1):20-4

Results of the Sherbrooke-Lac Mégantic fluoride varnish study after 20 months. Clark DC, et al. **Community Dent Oral Epidemiol** 1985 Apr;13(2):61-4

Opsite strapping for the treatment of infantile umbilical hernia. Channa A, et al. **JPMA** 1984 Oct;34(10):306-8

[Biocompatible polyurethanes containing antibiotics and proteolytic enzymes as components] Lipatova TE, et al. **Klin Khir** 1985 Jan;(1):51-2 (Eng. Abstr.) **(Rus)**

[Use of a polymeric medical glue in uranostaphyloplasty] Khar'kov LV. **Stomatologiia (Mosk)** 1984 Sep-Oct; 63(5):53-5 (Eng. Abstr.) **(Rus)**

[Use of foam polyurethane for cleansing purulent cavities and wounds] Ersh ZIa. **Vestn Khir** 1984 Sep;133(9):134-5 **(Rus)**

POLYURIA

CHEMICALLY INDUCED

A case of solute diuresis erroneously diagnosed as lithium-induced polyuria. Bendz H. **Acta Psychiatr Scand** 1985 Jan;71(1):92-3

The pattern of polyuria in relation to duration of lithium treatment. DePaulo JR Jr, et al. **Biol Psychiatry** 1984 Sep; 19(9):1345-9

Biochemical features induced by adenine feeding in rats. Polyuria, electrolyte disorders, and 2,8-dihydroxyadenine deposits. Yokozawa T, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Jun;30(3):245-54

COMPLICATIONS

Increased urine volume in chronic schizophrenic patients. Lawson WB, et al. **Psychiatry Res** 1985 Apr;14(4):323-31

DRUG THERAPY

Indomethacin treatment in a patient with lithium-induced polyuria. ter Wee PM, et al. **Intensive Care Med** 1985; 11(2):103-4

Amelioration of polyuria by amiloride in patients receiving long-term lithium therapy. Batlle DC, et al. **N Engl J Med** 1985 Feb 14;312(7):408-14

Correction of polyuria by activation of adenylate cyclase in Brattleboro rats. Güllner HG. **Pharmacol Res Commun** 1984 Nov;16(11):1111-6

ETIOLOGY

The investigation of polyuria. Baylis PH, et al. **Clin Endocrinol Metab** 1984 Jul;13(2):295-310

Marked hypotonic polyuria resulting from nephrogenic diabetes insipidus with partial sensitivity to vasopressin. Moses AM, et al. **J Clin Endocrinol Metab** 1984 Dec; 59(6):1044-9

PHYSIOPATHOLOGY

Mechanism of polyuria and natriuresis in atrioventricular nodal tachycardia. Canepa-Anson R, et al. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):866-8

Polyuria polydipsia syndrome showing a renal infarction [letter] Denamur E, et al. **Clin Nephrol** 1984 Aug; 22(2):107-8

Possible role for atrial natriuretic peptide in polyuria associated with paroxysmal atrial arrhythmias [letter] Yamaji T, et al. **Lancet** 1985 May 25;1(8439):1211*

THERAPY

Management of polyuria subsequent to pituitary surgery based on the diurnal pattern of urinary excretion. Fujii T, et al. **Surg Neurol** 1985 Jan;23(1):49-55

URINE

[Relation between acute changes in diuresis and renal prostaglandins. I: Induced hypotonic polyuria] Agnoli GC, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31;60(8):1567-72 (Eng. Abstr.) **(Ita)**

VETERINARY

Clinical and pathogenic studies on aged polyuria in the IVCS strain of mouse. Ohba K, et al. **Jikken Dobutsu** 1985 Apr; 34(2):123-30

POLYURIDYLIC ACIDS see **POLY U**

POLYVIDON see **POVIDONE**

POLYVINYL ALCOHOL

Polyvinyl alcohol sponge for embolotherapy: particle size and morphology. Jack CR Jr, et al. **AJNR** 1985 Jul-Aug; 6(4):595-7

New disposable electroretinographic electrode made of anomalous polyvinyl alcohol gel. Honda Y, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):492-3

A new polyvinyl alcohol hydrogel as a scleral buckling material. Kim SY, et al. **Am J Ophthalmol** 1985 Aug 15; 100(2):328-30

Polarized photoacoustic, absorption and fluorescence spectra of chloroplasts and thylakoids oriented in polyvinyl alcohol films. Frackowiak D, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):254-61

ADMINISTRATION & DOSAGE

Cell surface effects of adriamycin and carminomycin immobilized on cross-linked polyvinyl alcohol. Wingard LB Jr, et al. **Cancer Res** 1985 Aug;45(8):3529-36

[Film-forming solution of polyvinyl alcohol for protection of the skin of workers in the fiber glass industry] Shulakov NA, et al. **Gig Tr Prof Zabol** 1985 Feb;(2):58-9 **(Rus)**

METABOLISM

Effects of mesangial localization of polyvinyl alcohols on glomerular basement membrane thickness. Mauer SM, et al. **Kidney Int** 1985 May;27(5):751-5

THERAPEUTIC USE

A comparison of Lamicel and prostaglandin E2 vaginal gel for cervical ripening before induction of labor. Johnson IR, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):604-7

TOXICITY

Mutagenicity testing of ST-film with the Ames test, chromosome test in vitro and micronucleus test in female mice. Shibuya T, et al. **J Toxicol Sci** 1985 May;10(2):135-41

Dose-response studies of gentamicin nephrotoxicity in rats with experimental renal dysfunction. II. Polyvinyl alcohol glomerulopathy. Carver MP, et al. **Toxicol Appl Pharmacol** 1985 Sep 15;80(2):264-73

POLYVINYL CHLORIDE see under **POLYVINYLS**

POLYVINYLPYRIDINE N-OXIDE see under **POLYVINYLS**

POLYVINYLPYRROLIDONE see **POVIDONE**

POLYVINYLS

Polyvinyl alcohol sponge for embolotherapy: particle size and morphology. Jack CR Jr, et al. **AJNR** 1985 Jul-Aug; 6(4):595-7

Determination of 9,10-epoxystearate ester in intravenous solutions stored in poly(vinyl chloride) bags, using gas chromatography-single-ion monitoring mass spectrometry. Ulsaker GA, et al. **Analyst** 1984 Jul;109(7):967-8

New insulating material in maintenance of body temperature. Holland BM, et al. **Arch Dis Child** 1985 Jan;60(1):47-50

Controlled release of pilocarpine hydrochloride from ethylene-vinyl alcohol copolymer matrices. Hou WM, et al. **Chem Pharm Bull (Tokyo)** 1985 Mar;33(3):1242-8

Nitroglycerin adsorption to a combination polyvinyl chloride, polyethylene intravenous administration set. Schaber DE, et al. **Drug Intell Clin Pharm** 1985 Jul-Aug; 19(7-8):572-5

Polymer resins with amino acid containing pendants for sorption of bilirubin. I. Comparison of Merrifield and polyamide resins. Henning DS, et al. **Int J Artif Organs** 1984 Jul;7(4):209-14

Production of mutagenic artifacts by the action of residual chlorine on XAD-4 resin. Sweeney AG, et al. **J Chromatogr** 1985 May 29;325(1):95-102

VLDL apolipoprotein B determination in blood serum following precipitation of LDL with polyvinylsulphate. Schriewer H, et al. **J Clin Chem Clin Biochem** 1985 Jun; 23(6):349-53

Enzymatic reduction of synthetic polymer-bound hemin derivatives: efficient method to prepare a heme-oxygen adduct in cooled aqueous medium. Uotani N, et al. **J Inorg Biochem** 1984 Oct;22(2):85-9

Ethylene-vinyl acetate copolymer microspheres for controlled release of macromolecules. Sefton MV, et al. **J Pharm Sci** 1984 Dec;73(12):1859-61

Materials for mouth protectors. Bishop BM, et al. **J Prosthet Dent** 1985 Feb;53(2):256-61

Relationship of syringe-tip diameter to voids in elastomer impressions. Stackhouse JA Jr. **J Prosthet Dent** 1985 Jun; 53(6):812-5

Methyltin mercaptide stabilizers employed in polyvinyl chloride water pipe. Kauder OS. **J Toxicol Environ Health** 1984;14(2-3):471-4

[Platelet preservation in a new type of plastic material. Functional in vitro study] Lecompte J, et al. **Rev Fr Transfus Immunohematol** 1985 Feb;28(1):69-89 (Eng. Abstr.) **(Fre)**

[Pretreatment of slides with glue for conventional histology, histochemistry and immunohistochemistry] Rinne A, et al. **Anat Anz** 1984;157(2):185-7 (Eng. Abstr.) **(Ger)**

[Chemical studies on compatibility to medical application III. Prevention of migration of DEHP from blood tubings] Tsuji K, et al. **Eisei Shikenjo Hokoku** 1984;(102):45-8 (Eng. Abstr.) **(Jpn)**

[Effect of an electric charge on athrombogenic properties of polyvinyl chloride foil] Lowkis B, et al. **Polim Med** 1983; 13(3-4):151-60 (Eng. Abstr.) **(Pol)**

[Treatment of complete rectal prolapse using ivalon sponge. Our experience and update] Soriano y Benítez de Lugo A, et al. **Rev Esp Enferm Apar Dig** 1984 Oct;66(4):311-6 (Eng. Abstr.) **(Spa)**

ADMINISTRATION & DOSAGE

Effect of implanted ethylene-vinyl alcohol copolymer matrices containing 5-fluorouracil on Ehrlich ascites carcinoma. Miyazaki S, et al. **J Pharm Pharmacol** 1985 Jan; 37(1):64-6

ADVERSE EFFECTS

Pulmonary function and respiratory symptoms in polyvinylchloride fabrication workers. Baser ME, et al. **Am Rev Respir Dis** 1985 Feb;131(2):203-8

Contact dermatitis in workers processing polyvinyl chloride plastics. Vidović R, et al. **Derm Beruf Umwelt** 1985; 33(3):104-5

[Hemangiosarcoma of the liver in workers of the PVC industry and other VC-induced diseases with angiologic-dermatologic, hepatologic, radiologic and neurologic symptoms] Halama J, et al. **Radiologe** 1985 Jan; 25(1):22-9 (Eng. Abstr.) **(Ger)**

ANALYSIS

Phenoxyethanol absorption by polyvinyl chloride. Lee MG. **J Clin Hosp Pharm** 1984 Dec;9(4):353-5

[Study on the gas chromatographic determination of dibutyltin compounds in food containers and packing materials made of polyvinyl chloride, which was proposed by Japan Hygienic PVC Association] Yamazaki T, et al. **Eisei Shikenjo Hokoku** 1984;(102):129-33 (Eng. Abstr.) **(Jpn)**

[Chromatographic method of analyzing dioctyltin maleate in the sanitary-chemical analysis of polyvinyl chloride products] Novitskaia LP, et al. **Gig Sanit** 1985 Feb;(2):52-4 **(Rus)**

BLOOD

[Clinical aspects of the quality control of synthetic polymers used in hematology] Nowicki P, et al. **Polim Med** 1983; 13(3-4):125-42 (Eng. Abstr.) **(Pol)**

DIAGNOSTIC USE

Precipitation of LDL with sulphopolyanions: a comparison of two methods for LDL cholesterol determination. Assmann G, et al. **J Clin Chem Clin Biochem** 1984 Nov; 22(11):781-5

PHARMACODYNAMICS

Identity of the ribonuclease from bovine seminal plasma with ribonuclease BS-1, and its sensitivity to polyvinyl sulphate. Ramakrishna T, et al. **J Biochem (Tokyo)** 1984 Jul; 96(1):253-60

[Determination of material-dependent germ multiplication in the stand test] Niessen J, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec; 180(1):85-94 (Eng. Abstr.) **(Ger)**

POISONING

Across-shift changes in the pulmonary function of meat-wrappers and other workers in the retail food industry. Eisen EA, et al. **Scand J Work Environ Health** 1985 Feb;11(1):21-6

RADIATION EFFECTS

[Graft polymerization onto poly(methylvinylsiloxane)-bonded silica gel by gamma-ray irradiation] Yamakita H, et al. **Radioisotopes** 1984 Aug; 33(8):513-8 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

[Polyvinylpyridine N-oxide (Bay 3504, P-204, PVNO) in the treatment of human silicosis] Prügger F, et al. **Wien Klin Wochenschr** 1984 Dec 7;96(23):848-53 (Eng. Abstr.) **(Ger)**

[Transcatheter embolization with Ivalon particles in cases of intracranial meningiomas] Koike T, et al. **Neurol Med Chir (Tokyo)** 1985 Feb;25(2):103-9 (Eng. Abstr.) **(Jpn)**

[Use of tserigel in treating facial burns] Arifdzhanov AK, et al. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):48-9 (Eng. Abstr.) **(Rus)**

TOXICITY

[Method of toxicological evaluation of polymers] Es'kov AP, et al. **Gig Sanit** 1985 Jan;(1):62-4 **(Rus)**

[Determination of maximum permissible exposure levels for polyvinyl chloride combustion products] Eitingon AI, et al. **Gig Tr Prof Zabol** 1984 Aug;(8):52-4 **(Rus)**

POMC see **PRO-OPIOMELANOCORTIN**

POMPHOLYX

Pompholyx--a one year series. Thelin I, et al. **Acta Derm Venereol (Stockh)** 1985;65(3):214-7

DIAGNOSIS

Pompholyx (dyshidrosis). A case study. Wilson M, et al. **J Am Podiatr Med Assoc** 1985 Mar;75(3):155-8

PONGIDAE

The capacity of animals to acquire language: do species differences have anything to say to us? Savage-Rumbaugh ES, et al. **Philos Trans R Soc Lond [Biol]** 1985 Feb 13; 308(1135):177-85

[Viral hepatitis A and B in anthropoid apes of the Moscow Zoo] Anan'ev VA, et al. **Vopr Virusol** 1984 Jul-Aug; 29(4):434-7 (Eng. Abstr.) **(Rus)**

ANATOMY & HISTOLOGY

Comparative myology of the hominoid cranial base. I. The muscular relationships and bony attachments of the digastric muscle. Dean MC. **Folia Primatol (Basel)** 1984; 43(4):234-48

BLOOD

Comparison of human and siamang ABH and MN blood groups using monoclonal antibodies. Rearden A, et al. **J Med Primatol** 1984;13(6):315-25

GENETICS

Genetic markers of immunoglobulins in the two orangutan subspecies and their hybrids. Dugoujon JM, et al. **Folia Primatol (Basel)** 1984;42(3-4):188-93

Inheritance of stereotyped gibbon calls. Brockelman WY, et al. **Nature** 1984 Dec 13-19;312(5995):634-6

A truncated immunoglobulin epsilon pseudogene is found in gorilla and man but not in chimpanzee. Ueda S, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3712-5

DNA reveals surprises in human family tree [news] Lewin R. **Science** 1984 Dec 7;226(4679):1179-82

[The genetic similarity of man and the anthropoid apes] Tëtushkin EIa. **Zh Obshch Biol** 1984 Sep-Oct;45(5):694-9 (32 ref.) (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

[Intestinal microflora of monkeys, normal and in pathology, and its correction by preparations of live bacteria from human biocenosis (coli bacteria, bifikol and bifidum bacterin)] Dzhikidze EK, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec;(12):44-8 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Luteinizing hormone and gonadal steroid levels during the menstrual cycle of orangutans. Nadler RD, et al. **J Med Primatol** 1984;13(6):305-14

[Biomechanical significance of arm length and body mass for a suspended manner of locomotion] Demes B, et al. **Z Morphol Anthropol** 1984;74(3):261-74 (Eng. Abstr.) **(Ger)**

[Kinesiologic studies of brachiation in white-hand gibbons (Hylobates lar)] Hollihn U, et al. **Z Morphol Anthropol** 1984;74(3):275-93 (Eng. Abstr.) **(Ger)**

PONGO PYGMAEUS see under **PONGIDAE**

PONS

The olivopontocerebellar atrophies. **Adv Neurol** 1984; 41:1-286

Clinical features of sporadic (Dejerine-Thomas) olivopontocerebellar atrophy. Caplan LR. **Adv Neurol** 1984;41:217-24

Autonomic dysfunction in olivopontocerebellar atrophy. Chokroverty S. **Adv Neurol** 1984;41:105-41 (214 ref.)

An apology and an introduction to the olivopontocerebellar atrophies. Duvoisin RC. **Adv Neurol** 1984;41:5-12

The pharmacology of olivopontocerebellar atrophy. Goetz CG, et al. **Adv Neurol** 1984;41:143-8

Morphological changes of olivopontocerebellar atrophy in computed tomography and comments on its pathogenesis. Huang YP, et al. **Adv Neurol** 1984;41:39-85

The neuropathology of olivopontocerebellar atrophy. Koeppen AH, et al. **Adv Neurol** 1984;41:13-38 (57 ref.)

Disorders of ocular motility in the olivopontocerebellar atrophies. Lepore FE. **Adv Neurol** 1984;41:97-103 (43 ref.)

Cerebellodiencephalic interactions in olivopontocerebellar atrophy. Narabayashi H. **Adv Neurol** 1984;41:87-95

Four biochemically different types of dominantly inherited olivopontocerebellar atrophy. Perry TL. **Adv Neurol** 1984; 41:205-16

Abnormal metabolism of neuroexcitatory amino acids in olivopontocerebellar atrophy. Plaitakis A. **Adv Neurol** 1984;41:225-43 (52 ref.)

A variety of olivopontocerebellar atrophy distinguished by slow eye movements and peripheral neuropathy. Wadia NH. **Adv Neurol** 1984;41:149-77

Metamorphopsias caused by pontine and peduncular lesions [letter] Krizek GO. **Am J Psychiatry** 1985 Aug;142(8):999

Eye movements in patients with absent voluntary horizontal gaze. Baloh RW, et al. **Ann Neurol** 1985 Mar;17(3):283-6

Central pontine myelinolysis diagnosed by magnetic resonance imaging. Takeda K, et al. **Ann Neurol** 1985 Mar; 17(3):310-1

Pontine hemorrhage in a patient with pheochromocytoma. Scardigli K, et al. **Arch Intern Med** 1985 Feb;145(2):343-4

Bilateral pontine gaze palsy. Nuclear magnetic resonance findings in presumed multiple sclerosis. Joseph R, et al. **Arch Neurol** 1985 Jan;42(1):93-4

Olivopontocerebellar atrophy with dementia, blindness, and chorea. Response to baclofen. Trauner DA. **Arch Neurol** 1985 Aug;42(8):757-8

Left pontine lipoma. Bonnell HJ, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):570-1

Central pontine myelinolysis with widespread extrapontine lesions: a report of two cases. Kalnins RM, et al. **Clin Exp Neurol** 1984;20:189-202

Central pontine myelinolysis in a child with the Shwachman-Diamond syndrome. Steinsapir KD, et al. **Hum Pathol** 1985 Jul;16(7):741-3

Cryptic disseminated tuberculosis presenting as gaze palsy. Monteiro ML, et al. **J Clin Neuro Ophthalmol** 1985 Mar; 5(1):27-9

Brachial diplegia in central pontine myelinolysis. Alberca R, et al. **J Neurol** 1985;231(6):345-6

Pontine haemorrhage: a clinical analysis of 26 cases. Masiyama S, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):658-62

Successful stereotaxic evacuation of an acute pontomedullary hematoma. Case report. Bosch DA, et al. **J Neurosurg** 1985 Jan;62(1):153-6

Pain suppression induced by electrical stimulation of the pontine parabrachial region. Experimental study in cats. DeSalles AA, et al. **J Neurosurg** 1985 Mar;62(3):397-407

Pathology of olivopontocerebellar atrophy with glutamate dehydrogenase deficiency. Chokroverty S, et al. **Neurology** 1984 Nov;34(11):1451-5

Spontaneous intratumoral hemorrhage after ventriculoperitoneal shunting. Zuccarello M, et al. **Neurosurgery** 1985 Feb;16(2):245-6

[Electrolyte imbalance and central pontine myelinolysis (clinical conference)] Färkkilä M, et al. **Duodecim** 1985; 101(2):194-203 **(Fin)**

[Central pontine myelinolysis--a complication of hyponatremia therapy?] Haltia M, et al. **Duodecim** 1985; 101(2):159-66 (Eng. Abstr.) **(Fin)**

[Centropontine myelinolysis] Ollat H, et al. **Ann Med Interne (Paris)** 1984;135(7):561-7 **(Fre)**

[Spontaneous pontine hemorrhage] Bewermeyer H, et al. **Fortschr Neurol Psychiatr** 1984 Aug;52(8):259-76 (Eng. Abstr.) **(Ger)**

[A clinical case of alcoholic central pontine myelinolysis demonstrated by computerized tomography] Akai J, et al. **Arukoru Kenkyuto Yakubutsu Ison** 1984 Sep;19(3):167-72 (Eng. Abstr.) **(Jpn)**

[Central pontine myelinolysis on alcoholism: report of an autopsy case] Akai J, et al. **Arukoru Kenkyuto Yakubutsu Ison** 1985 Mar;20(1):72-8 (Eng. Abstr.) **(Jpn)**

[A case of pontine hemorrhage presenting as pseudo-thalamic syndrome] Osawa M, et al. **Rinsho Shinkeigaku** 1985 Jan; 25(1):12-5 (Eng. Abstr.) **(Jpn)**

[Pontine histoplasmosis: report of a case] de Moraes Júnior LC, et al. **Arq Neuropsiquiatr** 1984 Dec;42(4):398-401 (Eng. Abstr.) **(Por)**

['One-and-a-half' syndrome as a manifestation of a spontaneous hematoma of the brainstem] Gobernado JM, et al. **Rev Clin Esp** 1984 May 31;173(4):243-4 **(Spa)**

ABNORMALITIES

Pontoneocerebellar hypoplasia--a probable consequence of prenatal destruction of the pontine nuclei and a possible role of phenytoin intoxication. Gadisseux JF, et al. **Clin Neuropathol** 1984 Jul-Aug;3(4):160-7

ANALYSIS

VIP-like and GFAP-like immunoreactivities in the chicken brain stem. II. The pons and the tegmentum of the mesencephalon. Nicolardi G, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1905-11

ANATOMY & HISTOLOGY

Subnuclear organization of the efferent connections of the parabrachial nucleus in the rat. Fulwiler CE, et al. **Brain Res** 1984 Aug;319(3):229-59

Cortical projections of the nucleus centralis superior and the adjacent reticular tegmentum in the mouse. Galindo-Mireles D, et al. **Brain Res** 1985 Mar 25; 330(2):343-8

Frontal eye field projection to the paramedian pontine reticular formation traced with wheat germ agglutinin in the monkey. Schnyder H, et al. **Brain Res** 1985 Mar 11; 329(1-2):151-60

Cholinergic projections from the midbrain and pons to the thalamus in the rat, identified by combined retrograde tracing and choline acetyltransferase immunohistochemistry. Sofroniew MV, et al. **Brain Res** 1985 Mar 11;329(1-2):213-23

Funicular course of catecholamine fibers innervating the lumbar spinal cord of the cat. Stevens RT, et al. **Brain Res** 1985 Jun 17;336(2):243-51

Connections of the rabbit abducens nucleus. Weiss C, et al. **Brain Res** 1985 Feb 4;326(1):172-8

Distribution in areas 18 and 19 of neurons projecting to the pontine nuclei: a quantitative study in the cat with retrograde transport of HRP-WGA. Bjaalie JG. **Exp Brain Res** 1985;57(3):585-97

Projections of the bed nucleus of the stria terminalis to the mesencephalon, pons, and medulla oblongata in the cat. Holstege G, et al. **Exp Brain Res** 1985;58(2):379-91

Functional organization of the cochlear nucleus of rufous horseshoe bats (Rhinolophus rouxi): frequencies and internal connections are arranged in slabs. Feng AS, et al. **J Comp Neurol** 1985 May 22;235(4):529-53

Corticopontine projection in the macaque: the distribution of labelled cortical cells after large injections of horseradish peroxidase in the pontine nuclei. Glickstein M, et al. **J Comp Neurol** 1985 May 15;235(3):343-59

Representation of whisker follicle intrinsic musculature in the facial motor nucleus of the rat. Klein BG, et al. **J Comp Neurol** 1985 Feb 1;232(1):55-69

Brainstem afferents to the omnipause region in the cat: a horseradish peroxidase study. Langer TP, et al. **J Comp Neurol** 1984 Dec 10;230(3):444-58

Cortical projections to the paramedian tegmental and basilar pons in the monkey. Leichnetz GR, et al. **J Comp Neurol** 1984 Sep 20;228(3):388-408

Projections to the basilar pontine nuclei from face sensory and motor regions of the cerebral cortex in the rat. Mihailoff GA, et al. **J Comp Neurol** 1985 Jul 8; 237(2):251-63

Direct cortical projections to the parabrachial nucleus in the cat. Yasui Y, et al. **J Comp Neurol** 1985 Apr 1;234(1):77-86

The motor innervation of the single-bellied digastric muscle in the rabbit: a retrograde horseradish peroxidase study. Baisden RH, et al. **Neurosci Lett** 1985 May 14;56(2):129-36

Vestibular nuclear efferents to the nucleus raphe pontis, the nucleus reticularis tegmenti pontis and the nuclei pontis in the cat. Gerrits NM, et al. **Neurosci Lett** 1985 Mar 15; 54(2-3):357-62

Localization of motoneurons innervating the muscle of the hard palate in the rat: a horseradish peroxidase study. Jüch PJ, et al. **Neurosci Lett** 1984 Jul 27;48(2):239-43

Identification of motoneurons innervating the tensor tympani muscle in the rabbit: a retrograde horseradish peroxidase study. Takahashi O, et al. **Neurosci Lett** 1984 Aug 24; 49(1-2):19-23

[Intracisternal length of the trigeminal nerve] Lang J, et al. **Neurochirurgia (Stuttg)** 1984 Nov;27(6):159-61 (Eng. Abstr.) **(Ger)**

BLOOD SUPPLY

Asterixis due to pontine hemorrhage [letter] Kudo Y, et al. **J Neurol Neurosurg Psychiatry** 1985 May;48(5):487-9

The clinical manifestations of pontine hemorrhage. Kushner MJ, et al. **Neurology** 1985 May;35(5):637-43

[Arteries of the vertebrobasilar system and their supply to the medulla oblongata and pons] Zhang ET. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Apr; 17(2):78-82 (Eng. Abstr.) **(Chi)**

[Cheiro-oral syndrome with pontine infarct--report of a case] Ide M, et al. **No To Shinkei** 1985 Feb;37(2):181-6 (Eng. Abstr.) **(Jpn)**

CYTOLOGY

Oligodendrocytes in the pons and middle cerebellar peduncle of the cat. Topographical relations to neurons and transverse axon bundles. Ogawa Y, et al. **Cell Tissue Res** 1985;240(3):541-52

GAD-immunoreactive neural elements in the basilar pontine nuclei and nucleus reticularis tegmenti pontis of the rat. I. Light microscopic studies. Border BG, et al. **Exp Brain Res** 1985;59(3):600-14

An intracellular HRP-study of cat tensor tympani motoneurons. Friauf E, et al. **Exp Brain Res** 1985; 57(3):499-511

The ultrastructure and synaptic connections of the spinal terminations from single, physiologically characterized axons descending in the dorsolateral funiculus from the midline, pontomedullary region. Light AR, et al. **J Comp Neurol** 1985 Apr 22;234(4):549-60

The spinal terminations of single, physiologically characterized axons originating in the pontomedullary raphe of the cat. Light AR. **J Comp Neurol** 1985 Apr 22; 234(4):536-48

Stellate neurons in rat dorsal cochlear nucleus studies with combined Golgi impregnation and electron microscopy: synaptic connections and mutual coupling by gap junctions. Wouterlood FG, et al. **J Neurocytol** 1984 Aug;13(4):639-64

Cholinergic neurons in the nucleus tegmenti pedunculopontinus pars compacta and the caudoputamen of the rat: a light and electron microscopic immunohistochemical study using a monoclonal antibody to choline acetyltransferase. Sugimoto T, et al. **Neurosci Lett** 1984 Sep 28;51(1):113-7

Cells of origin of spinopontine fibers in the rat. Yamada J, et al. **Neurosci Lett** 1985 May 23;56(3):317-22

Pyramidal neurones of the dorsal cochlear nucleus: a Golgi and computer reconstruction study in cat. Blackstad TW, et al. **Neuroscience** 1984 Nov;13(3):827-54

Morphology of motoneurons in a mixed motor pool of the cat facial nucleus that innervate orbicularis oculis and quadratus labii superioris, stained intracellularly with horseradish peroxidase. Shaw MD, et al. **Neuroscience** 1985 Feb;14(2):627–43

DRUG EFFECTS

Dissociation of endogenous components of auditory evoked potentials following carbachol microinjection into the cholinoceptive pontine inhibitory area. Katayama Y, et al. **Brain Res** 1985 May 20;334(2):366–71

Microinjection of neostigmine into the pontine reticular formation of cats enhances desynchronized sleep signs. Baghdoyan HA, et al. **J Pharmacol Exp Ther** 1984 Oct; 231(1):173–80

Akinesia after locally applied morphine near the nucleus raphe pontis of the rat. Broekkamp CL, et al. **Neurosci Lett** 1984 Sep 7;50(1–3):313–8

EMBRYOLOGY

The development of innervation patterns in the avian cochlea. Whitehead MC, et al. **Neuroscience** 1985 Jan; 14(1):255–76

ENZYMOLOGY

Histochemical localization of acetylcholinesterase in the cochlear and superior olivary nuclei. A reappraisal with emphasis on the cochlear granule cell system. Osen KK, et al. **Arch Ital Biol** 1984 Sep;122(3):169–212

Distribution of GABA–T–intensive neurons in the rat hindbrain. Nagai T, et al. **J Comp Neurol** 1985 Jan 8; 231(2):260–9

GROWTH & DEVELOPMENT

Differentiation of the giant and fusiform cells in the dorsal cochlear nucleus of the hamster. Schweitzer L, et al. **Brain Res** 1985 May;352(1):69–82

INJURIES

Gunshot wound to the pons with functional neuroanatomical and electrophysiological correlation. Clark JB, et al. **Neurosurgery** 1985 May;16(5):607–11

METABOLISM

The distribution and origin of serotonin immunoreactivity in the rat cerebellum. Bishop GA, et al. **Brain Res** 1985 Apr 8;331(2):195–207

Evidence for corticotropin releasing factor and Leu–enkephalin in the neural projection from the lateral parabrachial nucleus to the median preoptic nucleus: a retrograde transport, immunohistochemical double labeling study in the rat. Lind RW, et al. **Brain Res** 1984 Nov 12; 321(2):217–24

Origin and fine structure of substance P–containing nerve terminals in the facial nucleus of the rat: an immunohistochemical study. Senba E, et al. **Exp Brain Res** 1985;57(3):537–46

Immunohistochemical study of the catecholaminergic systems in the lower brain stem of the human infant. Robert O, et al. **Hum Neurobiol** 1984;3(4):229–34

Demonstration of a pontine–hippocampal projection containing a ranatensin–like peptide. Chronwall BM, et al. **Neurosci Lett** 1985 Jan 7;53(1):109–14

Cholecystokinin–immunoreactive innervation of the ventromedial hypothalamus in the rat: possible substrate for autonomic regulation of feeding. Fulwiler CE, et al. **Neurosci Lett** 1985 Feb 4;53(3):289–96

Effect of facial nerve transection on acetylcholinesterase, choline acetyltransferase and [3H]quinuclidinyl benzilate binding in rat facial nuclei. Hoover DB, et al. **Neuroscience** 1985 Jun;15(2):481–7

A serotonin–containing pathway from the area postrema to the parabrachial nucleus in the rat. Lança AJ, et al. **Neuroscience** 1985 Apr;14(4):1117–26

[Biochemical changes in 24–month–old Wistar rats] Roman F, et al. **C R Soc Biol (Paris)** 1984;178(4):372–81 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Neuronal loss in the basal nucleus of Meynert in a patient with olivopontocerebellar atrophy. Tagliavini F, et al. **Acta Neuropathol (Berl)** 1985;66(2):127–33

Brain stem vascular malformation simulating a hemorrhagic metastasis: report of a case with pathologic correlation. Scardigli K, et al. **Eur Neurol** 1984;23(4):240–6

The spiral ganglion and cochlear nuclei of deafness mice. Webster DB. **Hear Res** 1985 Apr;18(1):19–27

Central pontine myelinolysis in a patient with adrenal insufficiency. Brunner JE. **Henry Ford Hosp Med J** 1985; 33(1):45–7

Adrenoleukodystrophy: a clinical variant presenting as olivopontocerebellar atrophy. Ohno T, et al. **J Neurol** 1984; 231(4):167–9

[Baló's concentric sclerosis: lesions restricted to the pons] Gray F, et al. **Rev Neurol (Paris)** 1985;141(1):43–5 (Eng. Abstr.) **(Fre)**

[Clinical application of thyrotropin–releasing hormone to neurogenic bladder caused by olivo–ponto–cerebellar atrophy] Murayama K, et al. **Hinyokika Kiyo** 1985 Mar; 31(3):495–8 (Eng. Abstr.) **(Jpn)**

[A case of progressive supranuclear palsy with fibrillary gliosis of the mid–brain and pontine reticular formation] Ishino H, et al. **Rinsho Shinkeigaku** 1984 Aug;24(8):795–801 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

The effects of pontine or bulbar transection on the respiratory pattern in the rabbit. Gromysz H. **Acta Neurobiol Exp (Warsz)** 1984;44(6):239–47

Tonic facilitatory influences of dorsal pontine reticular structures on the response gain of limb extensors to sinusoidal labyrinth and neck stimulations. D'Ascanio P, et al. **Arch Ital Biol** 1985 May;123(2):101–32

Differential action upon sleep states of ventrolateral and central areas of pontine tegmental field. De Andrés I, et al. **Arch Ital Biol** 1985 Feb;123(1):1–11

Longitudinal brainstem axons mediating circling: behavioral measurement of conduction velocity distributions. Yeomans JS, et al. **Behav Brain Res** 1985 Apr;15(2):121–35

Electrophysiological identification of neurons in the parabrachial nucleus projecting directly to the hypothalamus in the rat. Ciriello J, et al. **Brain Res** 1984 Nov 26;322(2):388–92

The response of neurons of the medial pontomedullary reticular formation of rats to peripheral thermal stimuli. Farham CJ, et al. **Brain Res** 1985 Jun 10;336(1):107–15

Information trains. The technique and its uses in spike train and network analysis, with examples taken from the nucleus parabrachialis medialis during sleep–waking states. Frostig RD, et al. **Brain Res** 1984 Nov 19;322(1):67–74

Comparative effects of sciatic nerve stimulation, blood pressure, and morphine on the activity of A5 and A6 pontine noradrenergic neurons. Guyenet PG, et al. **Brain Res** 1985 Feb 18;327(1–2):191–201

Bilateral lesions of the dorsolateral funiculus of the cat spinal cord: effects on basal nociceptive reflexes and nociceptive suppression produced by cholinergic activation of the pontine parabrachial region. Hayes RL, et al. **Brain Res** 1984 Oct 8;311(2):267–80

Pontomedullary raphe neurons: monosynaptic excitation from midbrain sites that suppress the jaw opening reflex. Mason P, et al. **Brain Res** 1985 Mar 11;329(1–2):384–9

Nigral inputs to the pedunculopontine region: intracellular analysis. Noda T, et al. **Brain Res** 1984 Nov 26;322(2):332–6

Occipital cortical neurons with transient pyramidal tract axons extend and maintain collaterals to subcortical but not intracortical targets. O'Leary DD, et al. **Brain Res** 1985 Jun 17;336(2):326–33

Activity dependent plasticity of postsynaptic density structure in the ventral cochlear nucleus of the rat. Rees S, et al. **Brain Res** 1985 Jan 28;325(1–2):370–4

Corticotropin–releasing factor (CRF) immunoreactivity in the dorsolateral pontine tegmentum: further studies on the micturition reflex system. Vincent SR, et al. **Brain Res** 1984 Aug 13;308(2):387–91

Ontogeny of neural discharge patterns in the ventral cochlear nucleus of the mongolian gerbil. Woolf NK, et al. **Brain Res** 1985 Jan;349(1–2):131–47

Computer graphics analysis of sleep–wakefulness state changes after pontine lesions. Friedman L, et al. **Brain Res Bull** 1984 Jul;13(1):53–68

The auditory corticopontocerebellar projection in the rat: inputs to the paraflocculus and midvermis. An anatomical and physiological study. Azizi SA, et al. **Exp Brain Res** 1985;59(1):36–49

Identification of the medullary swallowing regions in the rat. Kessler JP, et al. **Exp Brain Res** 1985;57(2):256–63

Experimental test of two models for the generation of oblique saccades. van Gisbergen JA, et al. **Exp Brain Res** 1985; 57(2):321–36

Variability in the characteristics of pontogeniculooccipital spikes during paradoxical sleep. Bowker RM. **Exp Neurol** 1985 Feb;87(2):212–24

Responses of cochlear nucleus units to electrical stimulation through a cochlear prosthesis: channel interaction. Glass I. **Hear Res** 1985 Feb;17(2):115–26

Convergence of vagal and gustatory afferent input within the parabrachial nucleus of the rat. Hermann GE, et al. **J Auton Nerv Syst** 1985 May;13(1):1–17

Suprabulbar and bulbar integration of ventilation and ear vascular control during thermoregulation in the rabbit. Traugott FM, et al. **J Auton Nerv Syst** 1985 Feb–Mar; 12(2–3):227–38

Neural control of vergence eye movements: activity of abducens and oculomotor neurons. Mays LE, et al. **J Neurophysiol** 1984 Oct;52(4):743–61

Interactions between rostral pontine and ventral medullary respiratory neurons. Segers LS, et al. **J Neurophysiol** 1985 Aug;54(2):318–34

Classification of response patterns in cochlear nucleus of barn owl: correlation with functional response properties. Sullivan WE. **J Neurophysiol** 1985 Jan;53(1):201–16

Parabrachial modulation of pain and blood pressure [letter] Meyer MA. **J Neurosurg** 1985 Sep;63(3):478–9

Presence of a neural mechanism for the expression of female sexual behaviors in the male rat brain. Yamanouchi K, et al. **Neuroendocrinology** 1985 May;40(5):393–7

Differential respiratory patterns induced by opioids applied to the ventral medullary and dorsal pontine surfaces of cats. Hurlé MA, et al. **Neuropharmacology** 1985 Jul; 24(7):597–606

Effects of chronic administration of D–amphetamine on PGO wave activity in the cat. Trulson ME, et al. **Neuropharmacology** 1984 Oct;23(10):1151–60

Responses of the nucleus of the optic tract neurons projecting to the nucleus reticularis tegmenti pontis upon optokinetic stimulation in the rabbit. Maekawa K, et al. **Neurosci Res** 1984 Dec;2(1–2):1–25

Medullary respiratory–related neurons with axonal connections to rostral pons and their function in termination of inspiration. Schmid K, et al. **Pflugers Arch** 1985 Jan;403(1):58–65

Pelvic afferent reflex control of rectal motility and lumbar colonic efferent discharge mediated by the pontine sympatho–inhibitory region in guinea pigs. Takaki M, et al. **Pflugers Arch** 1985 Feb;403(2):164–9

Forelimb and hindlimb stepping by the anesthetized rat elicited by electrical stimulation of the pons and medulla. Ross GS, et al. **Physiol Behav** 1984 Aug;33(2):201–8

The neural representation of gustatory quality. Smith DV. **Prog Clin Biol Res** 1985;176:75–97 (46 ref.)

[Study of functional roles played by the sacral cord and pons on micturition] Miyata M, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 May;75(5):826–35 (Eng. Abstr.) **(Jpn)**

[Antidromal activation and synaptic processes of Deiters nucleus induced by stimulation of the inferior olive and reticular nucleus of the pontine tegmentum] Fanardzhian VV, et al. **Fiziol Zh SSSR** 1984 Aug;70(8):1116–24 (Eng. Abstr.) **(Rus)**

[Characteristics of the connections of superior olivary and inferior collicular neurons reacting to the presentation of amplitude–modulated stimuli with synchronized discharges in the bat] Andreeva NG, et al. **Neirofiziologiia** 1984; 16(6):800–7 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Auditory brain–stem potentials with unilateral pontine hemorrhage. Hammond EJ, et al. **Arch Neurol** 1985 Aug; 42(8):767–8

Paresis of lateral gaze alternating with so–called posterior internuclear ophthalmoplegia. A partial paramedian pontine reticular formation–abducens nucleus syndrome. Bogousslavsky J, et al. **J Neurol** 1985;232(1):38–42

Pontine ataxic hemiparesis, a lateral penetrator syndrome? [letter] Huang CY, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):1046–7

Manifestations of pontine hemorrhage [letter] Bogousslavsky J. **Neurology** 1985 Oct;35(10):1528

Neurophysiologic study of olivopontocerebellar atrophy with or without glutamate dehydrogenase deficiency. Chokroverty S, et al. **Neurology** 1985 May;35(5):652–9

[Alpha and beta coma in a brain lesion at the pontomesencephalic level] Sumskiĭ LI. **Fiziol Cheloveka** 1984 May–Jun;10(3):473–6 **(Rus)**

[Effects of axotomy on the activity of the motor neurons of the external ocular motor nucleus during saccadic movements] Torres B, et al. **Rev Esp Fisiol** 1985 Mar; 41(1):73–81 (Eng. Abstr.) **(Spa)**

RADIATION EFFECTS

[Therapy of brain stem tumors--palliative concept with a curative perspective?] Bamberg M, et al. **Strahlentherapie** 1984 Oct;160(10):577–86 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

A pontine astrocytoma with radiological evidence of very extensive and dense calcification. Case report. Dierssen G, et al. **Neurochirurgia (Stuttg)** 1984 Nov;27(6):190–2

CT follow–up in central pontine myelinolysis [letter] Zegers de Beyl D. **Neurology** 1985 Mar;35(3):444

[Central pontine myelinolysis with regressive development and x–ray computed tomographic interpretation] Larrue V, et al. **Rev Neurol (Paris)** 1984;140(10):576–9 (Eng. Abstr.) **(Fre)**

RADIONUCLIDE IMAGING

[Central pontine myelinolysis] Lühdorf K, et al. **Ugeskr Laeger** 1984 Dec 10;146(50):3919–22 (Eng. Abstr.) **(Dan)**

SURGERY

Analgesic levels and technical method in stereotactic pontine spinothalamic tractotomy. Hitchcock E, et al. **Acta Neurochir (Wien)** 1985;77(1–2):29–36

Stereotactic surgery for mass lesions of the midbrain and pons. Coffey RJ, et al. **Neurosurgery** 1985 Jul;17(1):12–8

POPLITEAL ARTERY

Dilemmas in dealing with the blue toe syndrome: aortic versus peripheral source. Fisher DF Jr, et al. **Am J Surg** 1984 Dec;148(6):836–9

Cystic adventitial disease of the popliteal artery. Stallworth JM, et al. **Am Surg** 1985 Aug;51(8):455–9

The popliteal entrapment syndrome. Becquemin JP, et al. **Anat Clin** 1984;6(3):203–7

Ultrasound examination in the diagnosis of popliteal artery aneurysms. MacGowan SW, et al. **Br J Surg** 1985 Jul; 72(7):528–9

Problems in diagnosis of popliteal aneurysms. Downing R, et al. **J R Soc Med** 1985 Jun;78(6):440-4

Late mortality and morbidity after arterial reconstruction: the influence of arteriosclerosis in popliteal artery trifurcation. Källerö KS, et al. **J Vasc Surg** 1985 Jul; 2(4):541-6

Popliteal entrapment syndrome: a report of tibial nerve entrapment. Podore PC. **J Vasc Surg** 1985 Mar;2(2):335-6

Drug-induced inhibition of platelet function delays progression of peripheral occlusive arterial disease. A prospective double-blind arteriographically controlled trial. Hess H, et al. **Lancet** 1985 Feb 23;1(8426):415-9

Percutaneous transluminal angioplasty of the femoropopliteal artery: initial and long-term results. Krepel VM, et al. **Radiology** 1985 Aug;156(2):325-8

Bypass versus primary major amputation in patients with femoropopliteal distal disease and a threatened limb. Robbs JV, et al. **S Afr Med J** 1984 Nov 24;66(21):809-12

Embolism of the popliteal artery. Abbott WM, et al. **Surg Gynecol Obstet** 1984 Dec;159(6):533-6

Perigraft seromas complicating arterial grafts. Blumenberg RM, et al. **Surgery** 1985 Feb;97(2):194-204

[Vascular complications in osteochondromatosis] Proček J, et al. **Acta Chir Orthop Traumatol Cech** 1985 Feb;52(1):85-7 (Eng. Abstr.) **(Cze)**

[Popliteal artery entrapment syndrome. Apropos of 19 cases and review of the literature] Bardi K, et al. **Tunis Med** 1984 Dec;62(8):561-4 (Eng. Abstr.) **(Fre)**

[Popliteal artery entrapment syndrome: apropos of 5 cases] Lapointe R, et al. **Union Med Can** 1985 Mar;114(3):234-8 (Eng. Abstr.) **(Fre)**

[Cystic adventitial degeneration of the popliteal artery. Clinical case and review of the literature] Baar R, et al. **Chirurg** 1984 Aug;55(8):534-5 **(Ger)**

[CT aspects of the most common variant of the popliteal artery entrapment syndrome] Goebel N, et al. **ROFO** 1985 Jun;142(6):698-700 **(Ger)**

[Popliteal artery aneurysms (editorial)] Adar R, et al. **Harefuah** 1984 Oct;107(7-8):206-7 **(Heb)**

[Popliteal aneurysm (therapeutic considerations)] Maniscalco L, et al. **Chir Ital** 1982 Dec;34(6):927-33 (Eng. Abstr.) **(Ita)**

[Technic for using the saphenous vein in the creation of a femoro-popliteal bypass in cases of anatomic changes of the saphenous vein] Gullà P, et al. **Minerva Chir** 1984 Jul 15-31;39(13-14):1029-33 (Eng. Abstr.) **(Ita)**

[Popliteal entrapment syndrome] Vadalà G, et al. **Minerva Chir** 1985 May 31;40(10):747-53 (Eng. Abstr.) **(Ita)**

[Arteriosclerosis aneurysms of the popliteal artery] Kauffman P, et al. **Rev Paul Med** 1984 Jul-Aug;102(4):145-50 (Eng. Abstr.) **(Por)**

[Pseudoaneurysm of the popliteal artery caused by exostosis of the tibia] Zhane AK, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):127 **(Rus)**

[Successful surgery in thromboembolism of the pulmonary artery associated with paradoxical embolism of the popliteal artery] Iablokov EG, et al. **Klin Khir** 1984 Oct;(10):63-4 **(Rus)**

[Lipid spectrum of blood in patients with atherosclerotic lesions of the abdominal aorta and arteries of the lower limbs] Satmari VV, et al. **Vrach Delo** 1985 Jan;(1):86-8 (Eng. Abstr.) **(Rus)**

[Femoro-popliteal hydatid embolism and subsequent multiple embolization in a patient with recurring myocardial hydatidosis] Muñoz Fernández J, et al. **Rev Esp Cardiol** 1984 Sep-Oct;37(5):371-4 (Eng. Abstr.) **(Spa)**

ABNORMALITIES

Popliteal artery entrapment syndrome. A report of 2 cases. Jeffery PC, et al. **S Afr Med J** 1985 Apr 27;67(17):692-4

INJURIES

Popliteal artery injury in Kuwait. Abu-Nema T, et al. **Acta Chir Scand** 1984;150(6):441-4

Femoral fracture repair complicated by vascular injury in a foal. Rose PL, et al. **J Am Vet Med Assoc** 1984 Oct 1;185(7):795-7

Popliteal artery damage in closed injuries of the knee. Chapman JA. **J Bone Joint Surg [Br]** 1985 May;67(3):420-3

Popliteal artery injury associated with knee dislocation. Bell WW, et al. **J Okla State Med Assoc** 1984 Dec;77(12):418-21

Advances in the management of acute popliteal vascular blunt injuries. Shah DM, et al. **J Trauma** 1985 Aug; 25(8):793-7

[Recent arterial injuries of the limbs. Diagnostic and therapeutic problems] Giraud C, et al. **Ann Chir** 1983 Mar; 37(2):175-80 (Eng. Abstr.) **(Fre)**

[Vascular lesions associated with knee injuries] Chapuis G. **Helv Chir Acta** 1984 Nov;51(5):575-80 (Eng. Abstr.) **(Fre)**

[Complicated knee injuries with associated vascular lesions] Stalder J, et al. **Helv Chir Acta** 1985 Jan;51(6):779-82 (Eng. Abstr.) **(Fre)**

[Bone and vascular injuries of the popliteal fossa. Apropos of 21 cases] Jarde O, et al. **Phlebologie** 1985 Apr-Jun; 38(2):347-52 (Eng. Abstr.) **(Fre)**

[Secondary aneurysm of the iliac vein as a complication of traumatic arteriovenous fistulae of the lower extremity] Mansfeld L, et al. **ROFO** 1985 Feb;142(2):222-4 **(Ger)**

[Vascular injuries in the area of the pelvis and the leg--reconstruction, complications and operative results] Bätz W, et al. **Vasa** 1984;13(3):244-7 (Eng. Abstr.) **(Ger)**

[Errors in the diagnosis and treatment of patients with injuries of the major blood vessels] Kniazev MD, et al. **Vestn Khir** 1985 May;134(5):139-41 **(Rus)**

PATHOLOGY

Adventitial cystic disease of the popliteal artery: failure of percutaneous transluminal angioplasty as a therapeutic modality. Fox RL, et al. **J Vasc Surg** 1985 May;2(3):464-7

RADIOGRAPHY

Cystic adventitial degeneration of the popliteal artery: CT demonstration and directed percutaneous therapy. Deutsch AL, et al. **AJR** 1985 Jul;145(1):117-8

Adventitial cystic disease of the popliteal artery. Wilbur AC, et al. **Radiology** 1985 Apr;155(1):63-4

[Bilateral popliteal compression syndrome in Winiwarter-Buerger disease] Pallua N, et al. **Vasa** 1985; 14(2):184-7 (Eng. Abstr.) **(Ger)**

SURGERY

Popliteal entrapment syndrome. Berg-Johnsen J, et al. **Acta Chir Scand** 1984;150(6):493-6

The autogenous vein graft as popliteal artery substitute. Long-term follow-up of cystic adventitial degeneration. Hierton T, et al. **Acta Chir Scand** 1984;150(5):377-83

Ankle bypass: should we go the distance? Buchbinder D, et al. **Am J Surg** 1985 Aug;150(2):216-9

Bypass or amputation? Concomitant review of bypass arterial grafting and major amputations. Gregg RO. **Am J Surg** 1985 Mar;149(3):397-402

In situ femoropopliteal and infrapopliteal bypass. Two-year experience. Carney WI Jr, et al. **Arch Surg** 1985 Jul; 120(7):812-6

Polytetrafluoroethylene grafts as the first-choice arterial substitute in femoropopliteal revascularization. Quinones-Baldrich WJ, et al. **Arch Surg** 1984 Nov; 119(11):1238-43

Femoropopliteal bypass with a Goretex prosthesis: a long-term follow-up. Klimach O, et al. **Br J Surg** 1984 Nov;71(11):821-4

Popliteal artery entrapment. Schatzker J, et al. **Can Med Assoc J** 1985 Jun 1;132(11):1290-1

Popliteal artery aneurysm: case report. Pejic R. **Indiana Med** 1985 Jul;78(7):606-8

Six year experience with expanded polytetrafluoroethylene arterial grafts for limb salvage. Ascer E, et al. **J Cardiovasc Surg (Torino)** 1985 Sep-Oct;26(5):468-72

Occlusion of femoropopliteal bypasses (Biografts). Boontje AH. **J Cardiovasc Surg (Torino)** 1984 Sep-Oct;25(5):385-9

Vascular grafts in below-knee femoro-popliteal bypass. A comparative study. Geiger G, et al. **J Cardiovasc Surg (Torino)** 1984 Nov-Dec;25(6):523-9

Five year experience with axillopopliteal bypasses for limb salvage. Gupta SK, et al. **J Cardiovasc Surg (Torino)** 1985 Jul-Aug;26(4):321-4

The preoperative use of intraarterial thrombolysis for a thrombosed popliteal artery aneurysm. Schwarz W, et al. **J Cardiovasc Surg (Torino)** 1984 Sep-Oct;25(5):465-8

Improved salvage of the foot with arterial reconstruction. Sengpiehl KE. **J Foot Surg** 1984 Sep-Oct;23(5):370-6

Infrapopliteal bypass for established gangrene of the forefoot or toes. Dalsing MC, et al. **J Vasc Surg** 1985 Sep; 2(5):669-77

Aortofemoral or femoropopliteal revascularization? A prospective evaluation of the papaverine test. Flanigan DP, et al. **J Vasc Surg** 1984 Jan;1(1):215-23

Iatrogenic entrapment of the femoropopliteal bypass. Gutierrez IZ, et al. **J Vasc Surg** 1985 May;2(3):468-71

The limitations of predictability of success of femoral-popliteal bypass grafts. Hiatt JG, et al. **J Vasc Surg** 1984 Sep;1(5):617-22

Perioperative noninvasive hemodynamic ankle indices as predictors of infrainguinal graft patency. Samson RH, et al. **J Vasc Surg** 1985 Mar;2(2):307-311

Tibiotibial vein bypass grafts: a new operation for limb salvage. Veith FJ, et al. **J Vasc Surg** 1985 Jul;2(4):552-7

Algodystrophy after vascular surgery [letter] Priollet P, et al. **Lancet** 1984 Oct 20;2(8408):923-4

Prognostic indicators in femoropopliteal and distal bypass grafts. Barry R, et al. **Surg Gynecol Obstet** 1985 Aug; 161(2):129-32

Popliteal artery to saphenous vein vascular access for hemodialysis. Mandel SR, et al. **Surg Gynecol Obstet** 1985 Apr;160(4):358-9

Patency of femoropopliteal and femorotibial grafts after outflow revascularization (jump grafts) to bypass distal disease. Andros G, et al. **Surgery** 1984 Nov;96(5):878-85

Aneurysm of persistent sciatic artery: report of a case treated by endovascular occlusion and femoropopliteal bypass. Becquemin JP, et al. **Surgery** 1985 Sep;98(3):605-11

Revascularization of popliteal and below-knee arteries with polytetrafluoroethylene. Christenson JT, et al. **Surgery** 1985 Feb;97(2):141-9

Femoropopliteal saphenous vein bypass grafts 8 years later. Sonnenfeld T, et al. **Vasa** 1985;14(2):152-4

[The etiology and treatment of complications in femoropoliteal vein bypass] Bartoš J, et al. **Rozhl Chir** 1984 Jul;63(7):457-68 (Eng. Abstr.) **(Cze)**

[Long-term results of reversed venous femoro-popliteal bypass. Apropos of 151 cases] Ribal JP, et al. **J Mal Vasc** 1985;10(1):55-60 (Eng. Abstr.) **(Fre)**

[So-called cystic adventitia degeneration of the popliteal artery with pedicle connection to the knee joint (case report)] Largiadèr J, et al. **Vasa** 1984;13(3):267-71 (Eng. Abstr.) **(Ger)**

[Morphologic changes in artificial prostheses following para-articular knee bypass operations] Tuchmann A. **Wien Klin Wochenschr** 1985 Jun 7;97(12):522-5 (Eng. Abstr.) **(Ger)**

[Surgery of the lower popliteal artery and its branches. Our experience] Spigonardo F, et al. **Minerva Cardioangiol** 1984 Jul-Aug;32(7-8):499-504 (Eng. Abstr.) **(Ita)**

[2 cases of combined aorto-femoral and femoral-popliteal arterial reconstruction] Stancanelli V, et al. **Minerva Cardioangiol** 1985 May;33(5):295-9 (Eng. Abstr.) **(Ita)**

POPLITEAL VEIN

Popliteal vein aneurysm causing pulmonary embolus. Gallagher JJ, et al. **Arch Surg** 1985 Oct;120(10):1173-5

Thrombophlebitis following a bullet embolus to the popliteal vein. Mullins RJ, et al. **J Trauma** 1985 Mar;25(3):266-8

Popliteal vein pseudoaneurysm: a case report. Noon GP, et al. **Surgery** 1984 Nov;96(5):942-5

INJURIES

[Vascular lesions associated with knee injuries] Chapuis G. **Helv Chir Acta** 1984 Nov;51(5):575-80 (Eng. Abstr.) **(Fre)**

[Bone and vascular injuries of the popliteal fossa. Apropos of 21 cases] Jarde O, et al. **Phlebologie** 1985 Apr-Jun; 38(2):347-52 (Eng. Abstr.) **(Fre)**

PHYSIOPATHOLOGY

[Pathogenesis and surgical tactics in varicose ulcers of the lower limbs] Gostishchev VK, et al. **Vestn Khir** 1984 Aug; 133(8):59-63 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

[Evaluation of deep venous thrombosis of the legs: clinical observations on the relation to manifestations] Zhang BG, et al. **Chung Hua Wai Ko Tsa Chih** 1985 May;23(5):257-60, 317 (Eng. Abstr.) **(Chi)**

[Traumatic arteriovenous fistula of the lower limb] Schrøder HM, et al. **Ugeskr Laeger** 1984 Sep 10;146(37):2790-1 (Eng. Abstr.) **(Dan)**

[CT diagnosis of phlebothrombosis in Baker's cyst] Allgayer B, et al. **ROFO** 1984 Nov;141(5):593-4 **(Ger)**

SURGERY

Fate of claudicants after femoropopliteal vein bypass: prospective, long-term follow-up of 100 patients. Sladen JG, et al. **Can J Surg** 1985 Sep;28(5):401-4

Venous grafting in femoropopliteal obstructions: a 16-year experience. Settembrini P, et al. **Int Surg** 1984 Jul-Sep; 69(3):271-5

Tibiotibial vein bypass grafts: a new operation for limb salvage. Veith FJ, et al. **J Vasc Surg** 1985 Jul;2(4):552-7

POPULATION

Weighting of populations for their mortality experience. Pinder DC. **Community Med** 1985 May;7(2):107-15

New midyear age-sex-color-specific estimates of the U.S. population for the 1940s and 1950s: including a revision of coverage estimates for the 1940 and 1950 censuses. Land KC, et al. **Demography** 1984 Nov;21(4):623-45

On the number of members of the genus Homo who have ever lived, and some evolutionary implications. Weiss KM. **Hum Biol** 1984 Dec;56(4):637-49

Examination of the relationship between inbreeding and population size. Relethford JH. **J Biosoc Sci** 1985 Jan; 17(1):97-106

Generalized stable population theory. Artzrouni M. **J Math Biol** 1985;21(3):363-81

[Epidemics and the population in the Kingdom of Poland 1815-1870] Jastrzebowski Z. **Arch Hist Med (Warsz)** 1984; 47(3):355-73 (Eng. Abstr.) **(Pol)**

[Medico-genetic study of the population of Turkmenia. V. A population and demographic description of the Nokhur isolate] Revazov AA, et al. **Genetika (Moskva)** 1984 Sep; 20(9):1542-8 (Eng. Abstr.) **(Rus)**

POPULATION CONTROL

see related
ABORTION, LEGAL
FAMILY PLANNING
STERILIZATION, SEXUAL

Medicine and health care along the Silk Road. China's population control program among the national minorities. Cheng TO. **Arch Intern Med** 1985 Jan;145(1):137-8

Individual and community responsibility for population policy. Last JM. **Can J Public Health** 1985 Mar-Apr; 76(2):81-7 **(Eng, Fre)**

Family planning: the global challenge. Loraine JA. **Practitioner** 1985 May;229(1403):407-12

Fertility reduction policies and poverty in Third World countries: ethical issues. Hernandez DJ.

Stud Fam Plann 1985 Mar-Apr;16(2):76-87

POPULATION DENSITY

see related
CROWDING
SOCIAL ISOLATION

Growth with regulation in fluctuating environments. II. Intrinsic lower bounds to population size. Nobile AG, et al. **Biol Cybern** 1984;50(4):285-99

Line transect estimators for left-truncated distributions. Alldredge JR, et al. **Biometrics** 1985 Mar;41(1):273-80

Perpendicular distance models for line transect sampling. Buckland ST. **Biometrics** 1985 Mar;41(1):177-95

Averaging population density. Craig J. **Demography** 1984 Aug;21(3):405-12

Population crowding and death rates due to heart disease. Waddell CE. **Ecol Dis** 1983;2(4):271-5

Specifying morphological factors affecting rates of death due to malignant neoplasms. Waddell CE, et al. **Ecol Dis** 1982; 1(4):237-41

POPULATION DISTRIBUTION see **DEMOGRAPHY**

POPULATION DYNAMICS

Origins and affinities of Japanese viewed from cranial measurements. Hanihara K. **Acta Anthropogenet** 1984; 8(1-2):149-58

Population structure in the Connecticut Valley. I. Marital migration. Swedlund AC, et al. **Am J Phys Anthropol** 1984 Sep;65(1):61-70

Population structure and blood genetics of the Pacaás Novos Indians of Brazil. Salzano FM, et al. **Ann Hum Biol** 1985 May-Jun;12(3):241-9

BIODYN: a program to estimate biological dynamics of human populations. Ayiomamitis A, et al. **Comput Programs Biomed** 1985;19(2-3):217-20

Estimation of period-specific gross migration flows from limited data: bi-proportional adjustment approach. Nair PS. **Demography** 1985 Feb;22(1):133-42

Global politics in Mexico City. Wulf D, et al. **Fam Plann Perspect** 1984 Sep-Oct;16(5):228-32

Some thoughts on reformulating the dependency ratio. Crown WH. **Gerontologist** 1985 Apr;25(2):166-71

The redistribution of America's older population: major national migration patterns for three census decades, 1960-1980. Flynn CB, et al. **Gerontologist** 1985 Jun; 25(3):292-6

The population dynamics and fertility of the trio of surinam: an application of a two census method. Gage TB, et al. **Hum Biol** 1984 Dec;56(4):691-701

Inter- and intra-population migration of the Gidra in lowland Papua: a population-ecological analysis. Ohtsuka R, et al. **Hum Biol** 1985 Feb;57(1):33-45

Changing characteristics of the Israeli population and the utilization of health care services. Kop Y, et al. **Isr J Med Sci** 1985 Mar;21(3):205-11

Economics of an aging population. Jackson PM. **J Epidemiol Community Health** 1985 Jun;39(2):97-101

Permanent coexistence in general models of three interacting species. Hutson V, et al. **J Math Biol** 1985;21(3):285-98

Reproductive performance, population dynamics and anthropometrics of the free-ranging Cayo Santiago rhesus macaques. Rawlins RG, et al. **J Med Primatol** 1984; 13(5):247-59

Biological populations obeying difference equations: the effects of stochastic perturbation. Witten M, et al. **J Theor Biol** 1984 Dec 7;111(3):493-507

Social selection in human populations: sufficient conditions for protection of deleterious alleles in a subdivided population. Yokoyama S. **J Theor Biol** 1985 Aug 7; 115(3):455-65

Medical schools face challenge of preparing physicians to care for fast-growing elderly population [news] Korcok M. **JAMA** 1985 Mar 1;253(9):1225-7, 1231

An aging society and the federal deficit. Etheredge L. **Milbank Mem Fund Q** 1984 Fall;62(4):521-43

Water fleas as population model [news] Lawton JH. **Nature** 1985 Aug 15-21;316(6029):577-8

Aging of the population of a city and its implications for hospital-based services: the example of Tel Aviv-Yaffo. Michaeli D, et al. **Public Health Rep** 1984 Sep-Oct; 99(5):446-9

United States population outlook. **Stat Bull Metrop Insur Co** 1984 Jan-Mar;65(1):16-9

[Problems of aging in China] Hijmans W. **Tijdschr Gerontol Geriatr** 1985 Jun;16(3):115-7 (Eng. Abstr.) **(Dut)**

[Research on the aged within the framework of social geography] Kempers-Warmerdam AH. **Tijdschr Gerontol Geriatr** 1985 Jun;16(3):109-13 (Eng. Abstr.) **(Dut)**

[The distribution of dentists and population trends in Finland 1970-1980] Alvesalo I. **Proc Finn Dent Soc** 1984; 80(3):136-44 (Eng. Abstr.) **(Fin)**

[Demographic development and hospital management] Beckers R, et al. **Arch Belg** 1984;42(3-4):231-40 (Eng. Abstr.) **(Fre)**

['Successful aging' requires 'proper' living. A social challenge through trends in population development] Lehr U. **Fortschr Med** 1984 Sep 6;102(33):70-1 **(Ger)**

[Significance of the analysis of birth rates for medicine. II: Social public health evaluation of changes in birth rate in East Germany 1968-1982] Schott J. **Z Arztl Fortbild (Jena)** 1985;79(12):523-5 **(Ger)**

[Increasing life expectancy--interdisciplinary aspects (editorial)] Lehr U. **Z Gerontol** 1984 Nov-Dec;17(6):303-5 **(Ger)**

[Aspects of demographic development in West Germany] Wingen M. **Z Gerontol** 1984 Nov-Dec;17(6):306-10 (Eng. Abstr.) **(Ger)**

[Demographic status--population] Giersdorf P. **Z Gesamte Hyg** 1984 Dec;30(12):746-7 **(Ger)**

[Longevity of a population exposed to fluorides for decades] Schmidt CW. **Z Gesamte Inn Med** 1984 Sep 15;39(18):462-3 (Eng. Abstr.) **(Ger)**

[A deductive model of historic anthropology. Contribution to an ecosystemic interpretation] Grupe G. **Z Morphol Anthropol** 1985;75(2):189-95 (Eng. Abstr.) **(Ger)**

[Aging of the population and problems of the social and medical care of elderly citizens] Sačuk NN, et al. **ZFA** 1984 Sep-Oct;39(5):275-80 (Eng. Abstr.) **(Ger)**

[The role of the family physician in the era of specialization and demographic changes (editorial)] Yodfat Y. **Harefuah** 1984 Nov 15;107(10):310-1 **(Heb)**

[Symposium: The early populations of South America: relation of kindreds and migratory routes] **Arch Biol Med Exp (Santiago)** 1983 Nov;16(2):R120-3 **(Spa)**

POPULATION EXPLOSION see **POPULATION GROWTH**

POPULATION GROWTH

The placing of antifertility drugs in food supplies: one answer to our global population crisis? Lesse S. **Am J Psychother** 1985 Apr;39(2):155-8

Growth with regulation in fluctuating environments. II. Intrinsic lower bounds to population size. Nobile AG, et al. **Biol Cybern** 1984;50(4):285-99

Population growth and politics [editorial] Potts M. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):641-2

Person, society and planet: the changing context for health. Robertson J. **Can J Public Health** 1985 May-Jun;76 Suppl 1:12-8

New Haven, 1784. Farnham TJ. **Conn Med** 1984 Sep; 48(9):563-5

Contraceptive futurology or 1984 in 1984. Diczfalusy E. **Contraception** 1985 Jan;31(1):1-10 (20 ref.)

Estimating census undercount from school enrollment data: an application to the Soviet censuses of 1959 and 1970. Anderson BA, et al. **Demography** 1985 May;22(2):289-308

An assessment of the accuracy of a regional economic-demographic projection model. Murdock SH, et al. **Demography** 1984 Aug;21(3):383-404

Nonmetropolitan growth in the late 1970s: the end of the turnaround? Richter K. **Demography** 1985 May; 22(2):245-63

Low fertility in Europe: a report from the 1981 IUSSP meeting. Wulf D. **Fam Plann Perspect** 1982 Sep-Oct; 14(5):264-70

World population, the present and the future. Loraine JA. **Fam Pract** 1984 Jun;1(2):122-32

Elderly 21 percent of population by 2040. Riffer J. **Hospitals** 1985 Mar 1;59(5):41, 44

Abridged life tables for Pakistan based on the 1971 Population Growth Survey. Yusuf F, et al. **J Biosoc Sci** 1985 Jan; 17(1):91-6

The final epidemic: nuclear and population explosions [letter] Ende N. **JAMA** 1985 May 10;253(18):2643

Food and population [editorial] **Lancet** 1985 Apr 6; 1(8432):793-4

Laws and policies affecting fertility: a decade of change. **Popul Rep [E]** 1984 Nov;(7):E105-50

The Year of Hunger. Cultural conditions and adaptation to famine. Sermonti E. **Riv Biol** 1985 Summer;78(2):227-52 **(Eng, Ita)**

Causes of European emigration to the United States. A humanistic approach. Oishi S. **Sangyo Ika Daigaku Zasshi** 1983 Dec 1;5(4):493-502

United States population outlook. **Stat Bull Metrop Insur Co** 1984 Jan-Mar;65(1):16-9

The impact of development and population policies on fertility in India. Jain AK. **Stud Fam Plann** 1985 Jul-Aug; 16(4):181-98

Age-dependent models of population growth. Ziebur AD. **Theor Popul Biol** 1984 Dec;26(3):315-9

[Demographic status--population] Giersdorf P. **Z Gesamte Hyg** 1984 Dec;30(12):746-7 **(Ger)**

[Aging of the population and problems of the social and medical care of elderly citizens] Sačuk NN, et al. **ZFA** 1984 Sep-Oct;39(5):275-80 (Eng. Abstr.) **(Ger)**

TRENDS

Population, environment, medicine and global sustainability. Loraine JA. **Ecol Dis** 1982;1(2-3):167-75 (71 ref.)

POPULATION SURVEILLANCE

Secular trends in underreporting of cigarette consumption. Jackson R, et al. **Am J Epidemiol** 1985 Aug;122(2):341-4

Surveillance of workers exposed to mercury vapour:validation of a previously proposed biological threshold limit value for mercury concentration in urine. Roels H, et al. **Am J Ind Med** 1985;7(1):45-71

An epidemiologic surveillance program for evaluating occupational reproductive hazards. Wong O, et al. **Am J Ind Med** 1985;7(4):295-306

Surveillance by objective: a new priority-directed approach to the control of nosocomial infections. The National Foundation for Infectious Diseases lecture. Haley RW. **Am J Infect Control** 1985 Apr;13(2):78-89

Surveillance for the detection of nosocomial infections and the potential for nosocomial outbreaks. II. Development of a laboratory-based system. Parkhurst SM, et al. **Am J Infect Control** 1985 Feb;13(1):7-15

The incidence of injuries among 87,000 Massachusetts children and adolescents: results of the 1980-81 Statewide Childhood Injury Prevention Program Surveillance System. Gallagher SS, et al. **Am J Public Health** 1984 Dec; 74(12):1340-7

Benefit-cost analysis of active surveillance of primary care physicians for hepatitis A. Hinds MW, et al. **Am J Public Health** 1985 Feb;75(2):176-7

Thoracic surgical problems in asbestos-related disorders. Gaensler EA, et al. **Ann Thorac Surg** 1985 Jul;40(1):82-96

Influenza surveillance: alternative laboratory techniques for a developing country. Canil KA, et al. **Bull WHO** 1985; 63(1):79-82

Presenting conditions of 1539 population-based lung cancer patients by cell type and stage in New Hampshire and Vermont. Chute CG, et al. **Cancer** 1985 Oct 15; 56(8):2107-11

Public health issues in control of tuberculosis. Surveillance techniques and the role of health care providers. Kearns TJ, et al. **Chest** 1985 Feb;87(2 Suppl):135S-138S

The pitfalls of the denominator: towards an accurate estimation of a population at risk. Bentsen BG. **Fam Pract** 1984 Jun;1(2):86-91

Abbreviated surveillance of nosocomial urinary tract infections: a new approach. Costel EE, et al. **Infect Control** 1985 Jan;6(1):11-3

Epidemiological surveillance: a tool for assessment of malaria and its control. Ray AP, et al. **J Commun Dis** 1984 Sep; 16(3):197-207

Place of developmental surveillance in general practice [editorial] Carne S. **J R Soc Med** 1984 Oct;77(10):819-20

Meaning and method in child health surveillance: discussion paper. Court SD. **J R Soc Med** 1984 Oct;77(10):863-5

Acquired immunodeficiency syndrome in New York City. Evaluation of an active surveillance system. Chamberland ME, et al. **JAMA** 1985 Jul 19;254(3):383-7

'Health Watch': the Australian petroleum industry health study surveillance programme. Christie D, et al. **Med J Aust** 1984 Sep 15;141(6):331-4

Tabulation and assessment of 113 human surveillance cytogenetic studies conducted between 1965 and 1984. Ashby J, et al. **Mutat Res** 1985 Sep;154(2):111-33

Value of a centralized surveillance system during a national epidemic of endophthalmitis. O'Day DM. **Ophthalmology** 1985 Mar;92(3):309-15

The child health record and its uses for epidemiological purposes. Banister P. **Prog Clin Biol Res** 1985;163B:33-8

Congenital defects and environmental factors during pregnancy: nationwide surveillance. Holmberg PC. **Prog Clin Biol Res** 1985;163B:287-9

Population and case-control surveillance in the search for environmental causes of birth defects. Oakley GP Jr. **Prog Clin Biol Res** 1985;163B:27-32

Population and case-control surveillance in the search for environmental causes of birth defects. Oakley GP Jr. **Public Health Rep** 1984 Sep-Oct;99(5):465-8

New technologies for use in the surveillance and control of yaws. Perine PL, et al. **Rev Infect Dis** 1985 May-Jun;7 Suppl 2:S295-9

Surveillance and control of resurgent yaws in the African region. Widy-Wirski R. **Rev Infect Dis** 1985 May-Jun;7 Suppl 2:S227-32

[Epidemiologic surveillance in leprosy control programs] Gateff C. **Acta Leprol (Geneve)** 1984 Jan-Mar;(94):71-4 (Eng. Abstr.) **(Fre)**

[Role of paramedical personnel in the epidemiological surveillance of the intertropical rural environment. The example of the Ivory Coast] Gateff C. **Arch Belg** 1984; 42(1-2):117-29 **(Fre)**

[Surveillance of diagnostic and therapeutic measures in the Netherlands. Comparison between the periods 1973-1976, 1977-1980 and 1981] van Geuns HA, et al. **Bull Int Union Tuberc** 1984 Sep;59(3):135-8 **(Fre)**

[Identification of proposed laboratories for leptospirosis surveillance at the regional and multiregional levels] Castelletto M, et al. **Boll Ist Sieroter Milan** 1984 Jul 31; 63(3):243-8 (Eng. Abstr.) **(Ita)**

[Leprosy in Northern India. XV. A study of twice-repeated total survey in three villages in the suburbs of Agra city] Nakai E. **Nippon Rai Gakkai Zasshi** 1984 Oct-Dec; 53(4):185-92 (Eng. Abstr.) **(Jpn)**

[Selection of surveillance areas in large industrial cities to determine the effect of atmospheric pollution on the health of the population] Bushtueva KA, et al. **Gig Sanit** 1985 Jan;(1):4-6 (Eng. Abstr.) **(Rus)**

[Prevention and treatment of arterial hypertension at the population level] Britov AN. **Klin Med (Mosk)** 1984 Sep;

62(9):43-9 (Eng. Abstr.) **(Rus)**

[Organization of mass screening of the whole population (based on the data of experimental study)] Petrov PP, et al. **Sov Zdravookhr** 1984;(5):27-9 (Eng. Abstr.) **(Rus)**

[Health objectives for the United States in 1990 and their application to Puerto Rico. I. Surveillance and control of infectious diseases] Rigau Pérez JG. **Bol Asoc Med PR** 1984 Jul;76(7):301-6 (Eng. Abstr.) **(Spa)**

PORCELAIN see **DENTAL PORCELAIN**

PORCINE XENOGRAFT BIOPROSTHESIS see **BIOPROSTHESIS**

PORCUPINES see **RODENTIA**

PORFIROMYCIN see under **MITOMYCINS**

PORIFERA

ANALYSIS

Avarol, a cytostatically active compound from the marine sponge Dysidea avara. Müller WE, et al. **Comp Biochem Physiol** [C] 1985;80(1):47-52

A non-peroxide norsesterterpene from a marine sponge Hyrtios erecta. Crews P, et al. **Experientia** 1985 May 15; 41(5):690-1

Investigations of carotenoprotein complexes in animals. XIII. Representatives of the Porifera. Czeczuga B. **Folia Biol (Krakow)** 1984;32(3):167-74

New natural 2-acetoxy fatty acids using chemical ionization and electron impact mass spectrometry. Ayanoglu E, et al. **Lipids** 1985 Mar;20(3):141-4

Identification and isolation of the primary aggregation factor from the cell membrane of the sponge Geodia cydonium. Müller WE, et al. **Mol Cell Biochem** 1985 May;67(1):55-64

Sponge 'sentinel' of heavy metals. Patel B, et al. **Sci Total Environ** 1985 Feb;41(2):143-52

DRUG EFFECTS

Specific binding and biological effects of tumor promoting phorbol esters on sponges. Mazzorana M, et al. **Biol Cell** 1984;52(1 Pt A):27-34

The cellular effects of nonsteroidal anti-inflammatory drugs cannot be due to inhibition of prostaglandin release. Weissmann G, et al. **Trans Assoc Am Physicians** 1984; 97:369-83

IMMUNOLOGY

Alloimmune memory is absent in Hymeniacidon sinapium, a marine sponge. Smith LC, et al. **J Immunol** 1984 Nov; 133(5):2351-5

METABOLISM

Physicochemical and functional characterization of the polymerization process of the Geodia cydonium lectin. Diehl-Seifert B, et al. **Eur J Biochem** 1985 Mar 15; 147(3):517-23

Bioactive marine metabolites, IV. Isolation and the amino acid composition of discodermin A, an antimicrobial peptide, from the marine sponge Discodermia kiiensis. Matsunaga S, et al. **J Nat Prod** 1985 Mar-Apr;48(2):236-41

Phospholipid studies of marine organisms: new branched fatty acids from Strongylophora durissima. Dasgupta A, et al. **Lipids** 1984 Oct;19(10):768-76

Can a sponge fractionate isotopes? Patel B, et al. **Proc R Soc Lond [Biol]** 1985 Mar 22;224(1234):23-41

Ichthyotoxism by a paralytic toxin produced by marine dinoflagellates of the genus Ceratium: relationship to fraction beta isolated from the sponge Tedania ignis. Mijares AJ, et al. **Toxicon** 1985;23(2):221-33

PHYSIOLOGY

The molecular mechanisms of the distinct calcium-dependent aggregation systems in marine sponges and corals. Müller WE, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:37-46

RADIATION EFFECTS

Comparison of the radiosensitivity of dry dormant eggs, gemmules, and statoblasts of three invertebrate forms. Shimada A, et al. **J Radiat Res (Tokyo)** 1985 Mar; 26(1):123-30

PORNOGRAPHY see **EROTICA**

PORPHOBILINOGEN

BIOSYNTHESIS

Effect of chronic and acute lead treatment in the slug Arion ater on calcium and delta-aminolaevulinic acid dehydratase activity. Ireland MP. **Comp Biochem Physiol** [C] 1984; 79(2):287-90

URINE

[False-positive porphobilinogen determination test (Hoesch test) after administration of pirprofen] Weiss M, et al. **Schweiz Rundsch Med Prax** 1985 May 28;74(22):598-9 (Eng. Abstr.) **(Ger)**

[Porphyrins and their precursors in the urine of patients with suspected porphyria; a 16-year experience] Zawirska B, et al. **Pol Tyg Lek** 1985 Jan 28;40(4):97-100 (Eng. Abstr.) **(Pol)**

PORPHOBILINOGEN DEAMINASE see under **AMMONIA-LYASES**

PORPHOBILINOGEN SYNTHASE see **AMINOLEVULINIC ACID DEHYDRATASE**

PORPHYRIA

Acute intermittent porphyria (a report of two cases). Singh NK, et al. **J Postgrad Med** 1984 Oct;30(4):244-6

Cutaneous pseudoporphyria [letter] Burton JL. **Lancet** 1985 Jun 15;1(8442):1393

[Acute liver porphyrias. I. Clinical and biochemical findings in 45 patients (1981-1982)] Kordač V, et al. **Cas Lek Cesk** 1984 Aug 17;123(33):1009-14 (Eng. Abstr.) **(Cze)**

[Porphyria cutanea tarda (PCT)] Goerz G, et al. **Z Hautkr** 1985 Jan;60(1-2):137-46 (51 ref.) (Eng. Abstr.) **(Ger)**

[Cutaneous porphyria] Sandberg S. **Tidsskr Nor Laegeforen** 1984 Sep 30;104(27):1908-11 (Eng. Abstr.) **(Nor)**

[Acute intermittent porphyria. Anesthetic considerations in 2 cases] Gilsanz FJ, et al. **Rev Esp Anestesiol Reanim** 1984 Jul-Aug;31(4):164-7 (Eng. Abstr.) **(Spa)**

BLOOD

Correlation of serum and urinary porphyrin levels in porphyria cutanea tarda. Kalb RE, et al. **Arch Dermatol** 1985 Oct;121(10):1289-91

Photodynamic action of uroporphyrin on the complement system in porphyria cutanea tarda. Meurer M, et al. **Arch Dermatol Res** 1985;277(4):293-8

Protoporphyrin accumulation by mitogen stimulated lymphocytes and protoporphyrinogen oxidase activity in patients with porphyria variegata and erythropoietic protoporphyria: evidence for deficiency of protoporphyrinogen oxidase and ferrochelatase in both diseases. Siepker LJ, et al. **Br J Haematol** 1985 May; 60(1):65-74

Determination of zinc, copper, manganese, and iron in blood from patients with light-sensitive skin diseases. Horkay I, et al. **Dermatologica** 1984;169(2):66-9

The use of a metal halide lamp for the induction of photohemolysis in porphyria. Honda T, et al. **J Dermatol (Tokyo)** 1984 Jun;11(3):225-32

Photodynamic release of protoporphyrin from intact erythrocytes in erythropoietic protoporphyria: the effect of small repetitive light doses. Brun A, et al. **Photochem Photobiol** 1985 May;41(5):535-41

[Abnormal secretion of thyrotropic hormone and prolactin in acute intermittent porphyria] Brožková V, et al. **Cas Lek Cesk** 1984 Oct 19;123(42):1280-2 (Eng. Abstr.) **(Cze)**

CHEMICALLY INDUCED

Pregnancy and porphyria cutanea tarda. Rajka G. **Acta Derm Venereol (Stockh)** 1984;64(5):444-5

Influence of N-acetylcysteine on the hexachlorobenzene induced porphyria in rats. Lissner R, et al. **Arzneimittelforschung** 1985;35(4):713-5

The involvement of iron and lipid peroxidation in the pathogenesis of HCB induced porphyria. Alleman MA, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):161-6

The role of pentachlorophenol in causing mitochondrial derangement in hexachlorobenzene induced experimental porphyria. Masini A, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1171-4

Porphyrinogenicity of etomidate and ketamine as continuous infusions. Screening in the DDC-primed rat model. Harrison GG, et al. **Br J Anaesth** 1985 Apr;57(4):420-3

Porphyria turcica due to hexachlorobenzene: a 20 to 30 year follow-up study on 204 patients. Cripps DJ, et al. **Br J Dermatol** 1984 Oct;111(4):413-22

Hepatocarcinogenicity of hexachlorobenzene in rats and the sex difference in hepatic iron status and development of porphyria. Smith AG, et al. **Carcinogenesis** 1985 Apr; 6(4):631-6

Can cimetidine induce porphyria? [letter] Singh R, et al. **J Assoc Physicians India** 1985 Feb;33(2):187

The effect of tetrachlorohydroquinone on hexachlorobenzene-induced porphyria in Japanese quail. Carpenter HM, et al. **J Toxicol Environ Health** 1985; 15(1):81-92

A comparison of the effects of hexachlorobenzene, beta-naphthoflavone, and phenobarbital on cytochrome P-450 and mixed-function oxidases in Japanese quail. Carpenter HM, et al. **J Toxicol Environ Health** 1985; 15(1):93-108

Hexachlorobenzene-induced porphyria in Japanese quail: changes in microsomal enzymes. Carpenter HM, et al. **J Toxicol Environ Health** 1985;15(3-4):431-44

Pseudoporphyria due to naproxen. **Lancet** 1985 May 18; 1(8438):1166-7

Pseudoporphyria due to naproxen [letter] Howard AM, et al. **Lancet** 1985 Apr 6;1(8432):819-20

Bile secretion and liver microsomal mixed function oxidase system in mice with griseofulvin-induced hepatic protoporphyria. Cantoni L, et al. **Toxicology** 1983 May; 27(1):27-39

[Effect of chronic hexachlorobenzene-induced hepatic porphyria on the course of acetylaminofluorene carcinogenesis in Wistar rats] Zawirska B, et al. **Patol Pol** 1984 Jan-Mar;35(1):11-28 (Eng. Abstr.) **(Pol)**

COMPLICATIONS

Induction of anaesthesia with etomidate in a patient with acute intermittent porphyria. Famewo CE. **Can Anaesth Soc J** 1985 Mar;32(2):171-3

Hyperinsulinemia in acute intermittent porphyria. Sixel-Dietrich F, et al. **Horm Metab Res** 1985 Jul; 17(7):375-6

Possible effectiveness of plasmapheresis on the neurological complications in a case of acute intermittent porphyria. Sità D, et al. **Ital J Neurol Sci** 1984 Sep;5(3):299-302

Porphyria cutanea tarda associated with lymphoma. Adrados G, et al. **J Dermatol (Tokyo)** 1984 Aug;11(4):403-6

Is porphyria cutanea tarda a risk factor in the development of hepatocellular carcinoma? A case report and review of the literature. Packe GE, et al. **Oncology** 1985;42(1):44-7

[Acute intermittent porphyria with clinical symptoms of an atypical polyradiculoneuropathy] Oey PL, et al. **Ned Tijdschr Geneeskd** 1985 Feb 2;129(5):221-3 (Eng. Abstr.) **(Dut)**

[Hereditary coproporphyria with hyponatremia complicated by centropontine myelinolysis (letter)] Routy JP, et al. **Presse Med** 1985 Jun 22;14(25):1383-4 **(Fre)**

[Porphyria cutanea tarda and chronic lymphatic leukemia] Montag H, et al. **Z Hautkr** 1984 Oct 15;59(20):1372-6 (Eng. Abstr.) **(Ger)**

[Porphyria cutaneous tarda sclerodermiforme with cutaneous calcinosis] Barba A, et al. **G Ital Dermatol Venereol** 1985 Jan-Feb;120(1):83-5 (Eng. Abstr.) **(Ita)**

[Nephropathy caused by intermittent acute porphyria] Guarini G, et al. **Recenti Prog Med** 1984 Sep;75(9):810-5 (Eng. Abstr.) **(Ita)**

[General anesthesia for caesarean section in a patient with acute intermittent porphyria and psychogenic reaction] Ochiai Y, et al. **Masui** 1985 Apr;34(4):500-7 (Eng. Abstr.) **(Jpn)**

[Acute intermittent porphyria and necrotic lesions of the myocardium] Bakshis IP, et al. **Ter Arkh** 1984;56(8):145-6 **(Rus)**

CONGENITAL

Congenital erythropoietic porphyria. Kaur I, et al. **Indian Pediatr** 1984 Nov;21(11):903-8

Congenital erythropoietic porphyria. A case report with discussion of different porphyrin excretion patterns. Dahle JS, et al. **Photodermatol** 1984 Aug;1(4):187-90

Congenital erythropoietic porphyria. Kürkçüoğlu M, et al. **Turk J Pediatr** 1985 Jan-Mar;27(1):39-44

[Congenital erythropoietic porphyria (Gunther disease)] Sotelo-Cruz N, et al. **Bol Med Hosp Infant Mex** 1985 Feb; 42(2):140-4 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Establishment of modern examining procedures for diagnosis of porphyrias. Csiba A, et al. **Acta Physiol Hung** 1985; 66(1):39-46

Porphyrins and porphyrinogens--clinical importance and polarographic behaviour. Martásek P, et al. **Acta Univ Carol [Med] (Praha)** 1984;30(1-2):3-16

Facial burning and scarring in a child. Joyce JP, et al. **Arch Dermatol** 1985 Jul;121(7):928, 931

Hepatoerythropoietic porphyria: a variant of childhood-onset porphyria cutanea tarda. Porphyrin profiles and enzymatic studies of two cases in a family. Lim HW, et al. **J Am Acad Dermatol** 1984 Dec; 11(6):1103-11

Porphyria cutanea tarda in association with multiple myeloma. Maier JM, et al. **NC Med J** 1984 Oct;45(10):638-9

[Acute porphyria and psychiatry. Updating our knowledge] Bronckart C, et al. **Acta Psychiatr Belg** 1984 Jul-Aug; 84(4):336-52 (Eng. Abstr.) **(Fre)**

[Acute porphyria, acute psychosis and psychotropic drugs. Apropos of a case] Kamal S, et al. **Union Med Can** 1985 Apr;114(4):330-1 **(Fre)**

[What is your diagnosis? Acute intermittent porphyria] Viollier EH, et al. **Schweiz Rundsch Med Prax** 1984 Nov 20;73(47):1431-2 **(Ger)**

[A case of acute intermittent porphyria in a patient with malignant neoplasm--diagnostic difficulties and treatment] Lebiedowski K, et al. **Pol Arch Med Wewn** 1984 Sep; 72(3):123-6 (Eng. Abstr.) **(Pol)**

[Porphyrins and their precursors in the urine of patients with suspected porphyria; a 16-year experience] Zawirska B, et al. **Pol Tyg Lek** 1985 Jan 28;40(4):97-100 (Eng. Abstr.) **(Pol)**

[Acute intermittent porphyria] Tregubova KhL, et al. **Klin Med (Mosk)** 1985 Jun;63(6):124-6 **(Rus)**

[Scleroderma-like form of porphyria cutanea tarda] Fedorov SM, et al. **Vestn Dermatol Venerol** 1985 May;(5):47-9 (Eng. Abstr.) **(Rus)**

[Hepatoerythropoietic porphyria] Krivosheev BN. **Vestn Dermatol Venerol** 1985 May;(5):42-7 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Hematin-induced hemolysis in acute porphyria [letter] Petersen JM, et al. **Ann Intern Med** 1984 Dec;101(6):877-8

Low-dose oral chloroquine in the treatment of porphyria cutanea tarda. Ashton RE, et al. **Br J Dermatol** 1984 Nov; 111(5):609-13

Porphyria and pain management. Morse RH. **J La State Med Soc** 1984 Aug;136(8):15-6, 18

Hematin therapy in acute porphyria [letter] Loftin EB 3d. **JAMA** 1985 Aug 2;254(5):613

Advances in the treatment of porphyria cutanea tarda. Effectiveness of slow subcutaneous desferrioxamine infusion. Gibertini P, et al. **Liver** 1984 Aug;4(4):280-4

A comparative trial of desferrioxamine and hydroxychloroquine for treatment of porphyria cutanea tarda in alcoholic patients. Marchesi L, et al. **Photodermatol** 1984 Dec;1(6):286-92

Treatment of erythropoietic protoporphyria with beta-carotene. Mathews-Roth MM. **Photodermatol** 1984 Dec;1(6):318-21

[2 years' experience with the treatment of symptomatic liver porphyria with pyrimethamine] Cervinka J, et al. **Cas Lek Cesk** 1985 Aug 30;124(35):1107-12 (Eng. Abstr.) **(Cze)**

[Clinico-immunological substantiation of the therapeutic effectiveness of delagil in porphyria cutanea tarda] Bidrat MS. **Vestn Dermatol Venerol** 1984 Oct;(10):20-3 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

An unusual porphyrinuria precipitated by viraemia. Taylor GF, et al. **Australas J Dermatol** 1984 Dec;25(3):113-4

Reduced substrate affinity for human erythrocyte uroporphyrinogen decarboxylase constitutes the inherent biochemical defect in porphyria cutanea tarda. Mukerji SK, et al. **Biochem Biophys Res Commun** 1985 Mar 15; 127(2):517-25

Hexachlorobenzene-induced porphyria in Japanese quail. Effect of pretreatment with phenobarbital or beta-naphthoflavone. Carpenter HM, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3875-81

Dual mechanism of inhibition of rat liver uroporphyrinogen decarboxylase activity by ferrous iron: its potential role in the genesis of porphyria cutanea tarda. Mukerji SK, et al. **Gastroenterology** 1984 Dec;87(6):1248-54

Hereditary hepatic porphyria with delta aminolevulinate dehydrase deficiency: immunologic characterization of the non-catalytic enzyme. de Verneuil H, et al. **Hum Genet** 1985;69(2):174-7

Ferrochelatase and N-alkylated porphyrins. Cole SP, et al. **Mol Cell Biochem** 1984 Sep;64(2):127-37 (111 ref.)

A review of the enzymic errors in the various porphyrias. Rimington C. **Scand J Clin Lab Invest** 1985 Jun; 45(4):291-301 (54 ref.)

Purification and properties of human erythrocyte uroporphyrinogen decarboxylase: immunological demonstration of the enzyme defect in porphyria cutanea tarda. Sassa S, et al. **Trans Assoc Am Physicians** 1983; 96:65-75

[Erythrohepatic protoporphyria] Doss M. **Internist (Berlin)** 1985 Jul;26(7):411-9 **(Ger)**

[Experimental porphyria induced by chlorinated hydrocarbons. Studies of porphyrinogen carboxy-lyase in the experimental model of human cutaneous delayed porphyria] Ríos de Molina MC, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(4):393-407 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Porphyria cutanea tarda and porphyria variegata unmasked by viral hepatitis. Coburn PR, et al. **Clin Exp Dermatol** 1985 Mar;10(2):169-73

[Acute intermittent porphyria--current concepts] Latała-Otrebska Z. **Pol Tyg Lek** 1984 Oct 1-8; 39(40-41):1349-53 (16 ref.) **(Pol)**

[Chronic renal insufficiency and porphyria: contributions apropos of a case] Rico Sánchez J, et al. **Med Clin (Barc)** 1984 Dec 1;83(18):762-5 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Recurrence risk estimation of acute intermittent porphyria based on analysis of porphobilinogen deaminase activity: a Bayesian approach. Bonaïti-Pellié C, et al. **Am J Med Genet** 1984 Dec;19(4):755-62

The genetic basis of porphyria cutanea tarda. Enriquez de Salamanca R, et al. **Arch Dermatol Res** 1985;277(1):8-12

Porphyria cutanea tarda in a seven year old child. Rogers M, et al. **Australas J Dermatol** 1984 Dec;25(3):107-12

Molecular genetics of acute intermittent porphyria [editorial] Goldberg A. **Br Med J [Clin Res]** 1985 Aug 24; 291(6494):499-500

Genetic heterogeneity in acute intermittent porphyria: characterisation and frequency of porphobilinogen deaminase mutations in Finland. Mustajoki P, et al. **Br Med J [Clin Res]** 1985 Aug 24;291(6494):505-9

An Irish family with variegate porphyria. McGrath H, et al. **Clin Exp Dermatol** 1984 Nov;9(6):583-90

New aspects of porphyrias. Mascaro JM, et al. **Curr Probl Dermatol** 1985;13:11-32 (68 ref.)

Porphyria cutanea tarda in beta-thalassemia trait carriers. Gibertini P, et al. **Dermatologica** 1984;169(3):131-4

Porphyria cutanea tarda and HLA-linked hemochromatosis. Elder GH. **Gastroenterology** 1985 May;88(5 Pt 1):1276-9

Heterozygosity for HLA-linked hemochromatosis as a likely cause of the hepatic siderosis associated with sporadic porphyria cutanea tarda. Kushner JP, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1232-8

Acute intermittent porphyria: characterization of a novel mutation in the structural gene for porphobilinogen deaminase. Demonstration of noncatalytic enzyme intermediates stabilized by bound substrate. Desnick RJ, et al. **J Clin Invest** 1985 Aug;76(2):865-74

Hereditary coproporphyria: incidence in a large English family. Andrews J, et al. **J Med Genet** 1984 Oct;21(5):341-9

Latent acute hepatic porphyria [editorial] **Lancet** 1985 Jan 26;1(8422):197-8

Induction of liver apolipoprotein A-IV mRNA in porphyric mice. Buchberg AM, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):1953-63

[Symptomatic liver porphyria with a familial incidence] Kaláb M, et al. **Cas Lek Cesk** 1985 Jun 7;124(23):715-20 (Eng. Abstr.) **(Cze)**

[Porphyria variegata with clinical manifestations in the first days of life] Zeman J, et al. **Cesk Pediatr** 1985 Jan; 40(1):8-11 (Eng. Abstr.) **(Cze)**

[Early forms of porphyria cutanea tarda. Apropos of 2 cases with a study of familial enzymatic deficiency and definition of the mode of genetic transmission] Herrero C, et al. **Ann Dermatol Venereol** 1984;111(11):973-8 (Eng. Abstr.) **(Fre)**

[Hepato-erythrocytic porphyria in 2 female twins] Sfar Z, et al. **Ann Dermatol Venereol** 1985;112(5):453-6 **(Fre)**

[The protease inhibitor (Pi) system and porphyria cutanea tarda] Köstler E, et al. **Dermatol Monatsschr** 1984; 170(8):538-9 **(Ger)**

[Acute porphyria in familial delta-aminolevulinic acid dehydrase deficiency] Schiller A, et al. **Internist (Berlin)** 1985 Jul;26(7):446-52 **(Ger)**

[Clinical heterogeneity of hereditary coproporphyria: diagnostic usefulness of biochemical studies. Study of a familial case] Savi M, et al. **Pathologica** 1983;75 Suppl:134-7 **(Ita)**

[Familial study of porphyria variegata through its presentation in an adolescent] Guijarro-Merino R, et al. **Med Clin (Barc)** 1984 Jun 23;83(4):160-3 (Eng. Abstr.) **(Spa)**

HISTORY

Porphyria in the reign of George III [letter] Gordon AG. **N Engl J Med** 1985 Jan 24;312(4):248-9

IMMUNOLOGY

Activation of the alternative complement pathway by 405 nm light in serum from porphyric rat. Torinuki W, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):367-72

Activation of complement by 405-nm light in serum from porphyria cutanea tarda. Torinuki W, et al. **Arch Dermatol Res** 1985;277(3):174-8

Activation of the complement system in patients with porphyrias after irradiation in vivo. Lim HW, et al. **J Clin Invest** 1984 Dec;74(6):1961-5

Immunoreactive uroporphyrinogen decarboxylase in the liver in porphyria cutanea tarda. Elder GH, et al. **Lancet** 1985 Aug 3;2(8449):229-33

HLA-A3 and -B7 in porphyria cutanea tarda. Kuntz BM, et al. **Tissue Antigens** 1984 Jul;24(1):67-9

[HLA antigen distribution and porphyria cutanea tarda--a contribution on the problem of the association of HLA with metabolic diseases] Gebhardt B, et al. **Dermatol Monatsschr** 1984;170(8):506-10 (Eng. Abstr.) **(Ger)**

[Occurrence of circulating autoantibodies in porphyria cutanea tarda] Köstler E, et al. **Dermatol Monatsschr** 1985; 171(4):236-9 (Eng. Abstr.) **(Ger)**

[The HLA system and porphyria cutanea tarda] Köstler E, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(2):95-100 (Eng. Abstr.) **(Ger)**

METABOLISM

Influence of chloroquine on the porphyrin metabolism. Goerz G, et al. **Arch Dermatol Res** 1985;277(2):114-7

H.p.l.c. analysis of di- and tri-carboxylic porphyrins in porphyric patients. Jackson AH, et al. **Biochem J** 1985 Apr 1;227(1):327-31

Protoporphyrin metabolic balance in human protoporphyria. Poh-Fitzpatrick MB. **Gastroenterology** 1985 May;88(5 Pt 1):1239-42

A porphyria cutanea tarda-like distribution pattern of porphyrins in plasma, hemodialysate, hemofiltrate, and urine of patients on chronic hemodialysis. Seubert S, et al. **J Invest Dermatol** 1985 Aug;85(2):107-9

Elevated brain tryptophan and enhanced 5-hydroxytryptamine turnover in acute hepatic heme deficiency: clinical implications. Litman DA, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):337-45

[Episodic psychoses, porphyria and amino acid metabolism] Pepplinkhuizen L, et al. **Ned Tijdschr Geneeskd** 1985 Feb 2;129(5):212-6 (Eng. Abstr.) **(Dut)**

OCCURRENCE

Erythropoietic protoporphyria: a first case report in Thailand and family study. Sunthonpalin P, et al. **J Med Assoc Thai** 1985 Apr;68(4):205-11

PATHOLOGY

Late-onset erythropoietic protoporphyria with unusual cutaneous features. Murphy GM, et al. **Arch Dermatol** 1985 Oct;121(10):1309-12

Sclerodermoid changes of porphyria cutanea tarda: possible relationship to urinary uroporphyrin levels. Friedman SJ, et al. **J Am Acad Dermatol** 1985 Jul;13(1):70-4

[Liver cirrhosis in erythropoetic protoporphyria: erythrohepatic protoporphyria] Doss M, et al. **Internist (Berlin)** 1985 Jul;26(7):441-5 **(Ger)**

[Morphology of liver damage in chronic hepatic porphyria with special reference to the effect of therapy] Riedel H, et al. **Pathologe** 1984 Jul;5(4):216-25 **(Ger)**

[Ultrastructural changes in cutaneous capillaries in diabetes and porphyria cutanea tarda] Bucciarelli E, et al. **G Ital Dermatol Venereol** 1984 Jan-Feb;119(1):25-32 (Eng. Abstr.) **(Ita)**

[Clinico-morphologic correlation in 12 cases of hepatocutaneous porphyria tarda] Lozano Gutiérrez F, et al. **Rev Esp Enferm Apar Dig** 1984 Aug;66(2):142-50 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

The function and morphology of the liver in porphyria cutanea tarda. Ostrowski J, et al. **Ann Clin Res** 1984; 16(4):195-200

[Left ventricular function in subjects with porphyria cutanea tarda] Iarussi D, et al. **Boll Soc Ital Cardiol** 1984 Jul-Aug; 29(7-8):387-94 (Eng. Abstr.) **(Ita)**

[Left ventricular function in porphyria cutanea tarda] Iarussi D, et al. **Cardiologia** 1984 Jul-Aug;29(7-8):387-94 (Eng. Abstr.) **(Ita)**

PREVENTION & CONTROL

Porphyrin photosensitization and carotenoid protection in mice; in vitro and in vivo studies. Mathews-Roth MM. **Photochem Photobiol** 1984 Jul;40(1):63-7

THERAPY

Resin hemoperfusion in hepatic porphyrias. Horák J, et al. **Artif Organs** 1985 May;9(2):169-72

Phlebotomy treatment in porphyria cutanea tarda combined with beta-thalassaemia. Adjarov D, et al. **Dermatologica** 1984;169(4):184-7

Use of transcutaneous nerve stimulation in the attacks of acute intermittent porphyria. Kaada B, et al. **Int J Biochem** 1985;17(2):235-40

Sorbent therapy of the porphyrias. III. Comparative efficacy of experimental plasma perfusion with several commercial hemoperfusion cartridges. Tishler PV, et al. **Methods Find Exp Clin Pharmacol** 1984 Jul;6(7):389-93

Newer aspects on the treatment of erythropoietic protoporphyria. Sandberg S. **Photodermatol** 1985 Feb; 2(1):1-2

Erythropoietic protoporphyria: therapeutic response to combined erythrocyte exchange and plasmapheresis. Spiva DA, et al. **Photodermatol** 1984 Oct;1(5):211-20

[Treatment of acute hepatic porphyria] Kostrzewska E. **Pol Tyg Lek** 1984 Jun 4;39(23):781-4 (Eng. Abstr.) **(Pol)**

URINE

Urinary porphyrins in liver disease. Ostrowski J, et al. **Scand J Gastroenterol** 1984 Sep;19(6):862-6

[Clinical significance of D-glucaric of D-glucaric acid determination in the urine of porphyria cutanea tarda patients] Adjarov D, et al. **Dermatol Monatsschr** 1985; 171(4):233-5 (Eng. Abstr.) **(Ger)**

PORPHYRINOGENS

ANALYSIS

Porphyrins and porphyrinogens--clinical importance and polarographic behaviour. Martásek P, et al. **Acta Univ Carol [Med] (Praha)** 1984;30(1-2):3-16

PHARMACODYNAMICS

Stimulation of 5-aminolevulinic acid metabolism by uroporphyrinogen I in rat liver homogenate. Shivji A, et al. **Clin Biochem** 1985 Apr;18(2):88-91

PORPHYRINS

see related
PORPHOBILINOGEN

Kinetic studies on the reduction of iron(III)deuteroporphyrin--human serum albumin complex with dithionite ion. Chu AH, et al. **Arch Biochem Biophys** 1984 Oct;234(1):129-37

Evaluation of the stoichiometry and strength of chloroquine-porphyrin interactions by difference spectroscopy. Shanley BC, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):141-2

A nuclear magnetic resonance study of the interactions of antimalarial drugs with porphyrins. Moreau S, et al. **Biochim Biophys Acta** 1985 May 29;840(1):107-16

OH radical formation by photolysis of aqueous porphyrin solutions. A spin trapping and e.s.r. study. Faraggi M, et al. **Int J Radiat Biol** 1984 Dec;46(6):703-13

Singlet oxygen generation by hematoporphyrin IX, uroporphyrin I and hematoporphyrin derivative at 546 nm in phosphate buffer and in the presence of egg phosphatidylcholine liposomes. Blum A, et al. **Photochem Photobiol** 1985 Jan;41(1):27-32

Stabilization of higher-valent states of iron porphyrin by hydroxide and methoxide ligands: electrochemical generation of iron(IV)-oxo porphyrins. Lee WA, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4301-5

Dependence of photosensitized singlet oxygen production on porphyrin structure and solvent. Parker JG, et al. **Prog Clin Biol Res** 1984;170:259-84

Photobiology of porphyrins. Spikes JD. **Prog Clin Biol Res** 1984;170:19-39 (48 ref.)

[Effect of the structure of the prosthetic group on the catalytic properties of prostaglandin H synthetase] Mevkh AT, et al. **Bioorg Khim** 1985 Jun;11(6):797-801 (Eng. Abstr.) **(Rus)**

ANALYSIS

Porphyrins and porphyrinogens--clinical importance and polarographic behaviour. Martásek P, et al. **Acta Univ Carol [Med] (Praha)** 1984;30(1-2):3-16

An internal standard for porphyrin analysis. Carlson RE, et al. **Anal Biochem** 1984 Aug 1;140(2):360-5

Fluorometric measurement of tin-protoporphyrin in biological samples. Simionatto CS, et al. **Anal Biochem** 1984 Aug 15;141(1):213-9

Isidore Snapper (1889-1973) and quantitative assay of fecal hemoglobin [letter] Wilson JH, et al. **Ann Intern Med** 1985 May;102(5):721

H.p.l.c. analysis of di- and tri-carboxylic porphyrins in porphyric patients. Jackson AH, et al. **Biochem J** 1985 Apr 1;227(1):327-31

Desorption ionization mass spectrometry of synthetic porphyrins. Kurlansik L, et al. **Biomed Mass Spectrom** 1984 Sep;11(9):475-81

Rapid procedure for fecal porphyrin assay. Lockwood WH, et al. **Clin Chem** 1985 Jul;31(7):1163-7

Sulfmyoglobin. Resonance Raman spectroscopic evidence for an iron-chlorin prosthetic group. Andersson LA, et al. **J Biol Chem** 1984 Dec 25;259(24):15340-9

The generation of a hyperporphyrin spectrum upon thiol binding to ferric chloroperoxidase. Further evidence of endogenous thiolate ligation to the ferric enzyme. Sono M, et al. **J Biol Chem** 1984 Nov 10;259(21):13209-16

A porphyria cutanea tarda-like distribution pattern of porphyrins in plasma, hemodialysate, hemofiltrate, and urine of patients on chronic hemodialysis. Seubert S, et al. **J Invest Dermatol** 1985 Aug;85(2):107-9

The effect of tetrachlorohydroquinone on hexachlorobenzene-induced porphyria in Japanese quail. Carpenter HM, et al. **J Toxicol Environ Health** 1985; 15(1):81-92

Porphyrin accumulation by atheromatous plaques of the aorta. Kessel D, et al. **Photochem Photobiol** 1984 Jul; 40(1):59-61

Porphyrin localization and treatment of tumors. Proceedings of the Clayton Foundation International Symposium. Santa Barbara, California, April 24-28,1983. **Prog Clin Biol Res** 1984;170:1-884

Photophysics of and instrumentation for porphyrin detection and activation. Doiron DR. **Prog Clin Biol Res** 1984; 170:41-73

Effects of chlorobenzenes on hepatic porphyrin and drug metabolism in chick embryo and day-old chick. Miranda CL, et al. **Res Commun Chem Pathol Pharmacol** 1984 Oct; 46(1):13-24

Determination of porphyrins by high performance liquid chromatography: fluorescence detection compared to absorbance detection. Sagen E, et al. **Scand J Clin Lab Invest** 1985 Jun;45(4):309-14

[Determination of erythrocyte porphyrins by mathematic calculation (letter)] Tutor JC. **Med Clin (Barc)** 1985 Apr 6;84(13):546 **(Spa)**

BIOSYNTHESIS

Influence of pH on porphyrin production in Propionibacterium acnes. Kjeldstad B, et al. **Arch Dermatol Res** 1984;276(6):396-400

Regulation of heme synthesis in erythroid cells: hemin inhibits transferrin iron utilization but not protoporphyrin synthesis. Ponka P, et al. **Blood** 1985 Apr;65(4):850-7

The influence of chloroquine on the formation of porphyrins by yeasts. Kotal P, et al. **Int J Biochem** 1984;16(10):1087-90

The biosynthesis of porphyrins, chlorophylls, and vitamin B12. Leeper FJ. **Nat Prod Rep** 1985 Feb;2(1):19-47 (273 ref.)

[Conditions for porphyrin formation by propionic acid bacteria] Poluliakh OV, et al. **Prikl Biokhim Mikrobiol** 1985 Mar-Apr;21(2):154-60 (Eng. Abstr.) **(Rus)**

BLOOD

Correlation of serum and urinary porphyrin levels in porphyria cutanea tarda. Kalb RE, et al. **Arch Dermatol** 1985 Oct;121(10):1289-91

Erythrocyte zincprotoporphyrin (ZPP) in subjects with heterozygote beta-thalassemia, acquired non-microcytic anemias and iron deficiency. Cocuzza S, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2171-8

Effect of bias in hematofluorometer measurements of protoporphyrin in screening programs for lead poisoning. Mitchell DG, et al. **Clin Chem** 1985 Mar;31(3):386-90

Protoporphyrin metabolic balance in human protoporphyria. Poh-Fitzpatrick MB. **Gastroenterology** 1985 May;88(5 Pt 1):1239-42

Activation of the complement system in patients with porphyrias after irradiation in vivo. Lim HW, et al. **J Clin Invest** 1984 Dec;74(6):1961-5

Erythropoietic protoporphyria: a first case report in Thailand and family study. Sunthonpalin P, et al. **J Med Assoc Thai** 1985 Apr;68(4):205-11

Hemoglobin interference in the direct determination of erythrocyte protoporphyrin concentrations for monitoring lead intoxication of waterfowl [letter] Kerr KD, et al. **J Wildl Dis** 1985 Jul;21(3):338-40

Possible relation between RBC protoporphyrin and aluminum intoxication? [letter] Drüeke T, et al. **Nephron** 1984;38(4):280

Photodynamic release of protoporphyrin from intact erythrocytes in erythropoietic protoporphyria: the effect of small repetitive light doses. Brun A, et al. **Photochem Photobiol** 1985 May;41(5):535-41

Interaction of human serum low density lipoproteins with porphyrins: a spectroscopic and photochemical study. Reyftmann JP, et al. **Photochem Photobiol** 1984 Dec; 40(6):721-9

Treatment of erythropoietic protoporphyria with beta-carotene. Mathews-Roth MM. **Photodermatol** 1984 Dec;1(6):318-21

Erythropoietic protoporphyria: therapeutic response to combined erythrocyte exchange and plasmapheresis. Spiva DA, et al. **Photodermatol** 1984 Oct;1(5):211-20

Erythrocyte zinc protoporphyrin determination for screening for lead exposure. Torrance JD, et al. **S Afr Med J** 1985 May 25;67(21):848-50

Coproporphyrinogen oxidase activity and porphyrin concentrations in peripheral red blood cells in hereditary sideroblastic anaemia. Pasanen AV, et al. **Scand J Haematol** 1985 Mar;34(3):235-7

[Detection of chronic lead poisoning. Value of the assay of erythrocyte protoporphyrin] Nordmann Y, et al. **Presse Med** 1984 Oct 6;13(35):2137-41 (Eng. Abstr.) **(Fre)**

[Relative value of various screening tests for lead poisoning according to the degree of exposure to lead] Labrèche FP, et al. **Rev Epidemiol Sante Publique** 1984;32(5):322-9 **(Fre)**

[Liver cirrhosis in erythropoetic protoporphyria: erythrohepatic protoporphyria] Doss M, et al. **Internist (Berlin)** 1985 Jul;26(7):441-5 **(Ger)**

[Erythrohepatic protoporphyria] Doss M. **Internist (Berlin)** 1985 Jul;26(7):411-9 **(Ger)**

[Protoporphyrins and anemia in hemodialysed patients. Correlations with cutaneous changes] Barba A, et al. **G Ital Dermatol Venereol** 1985 Mar-Apr;120(2):109-11 (Eng. Abstr.) **(Ita)**

[Reference values of erythrocyte zinc-protoporphyrin in monitoring occupational exposure to lead] Franco G, et al. **Quad Sclavo Diagn** 1984 Mar;20(1):28-38 (Eng. Abstr.) **(Ita)**

[Erythrocyte protoporphyrin IX in occupational exposure to asbestos] Stankiewicz A. **Med Pr** 1984;35(5):351-4 (Eng. Abstr.) **(Pol)**

CHEMICAL SYNTHESIS

An internal standard for porphyrin analysis. Carlson RE, et al. **Anal Biochem** 1984 Aug 1;140(2):360-5

2-Aminodipyrido[1,2-a:3',2'-d]imidazole-porphyrin(Fe) derivatives as sequence specific DNA cleaving reagents. Hashimoto Y, et al. **Nucleic Acids Symp Ser** 1984;(15):157-9

DIAGNOSTIC USE

Manganese protoporphyrin IX. A potential intravenous paramagnetic NMR contrast agent: preliminary communication. Jackson LS, et al. **Invest Radiol** 1985 Mar-Apr;20(2):226-9

Delineation of a transplanted malignant melanoma with indium-111-labeled porphyrin. Foster N, et al. **J Nucl Med** 1985 Jul;26(7):756-60

GENETICS

Hereditary coproporphyria: incidence in a large English family. Andrews J, et al. **J Med Genet** 1984 Oct;21(5):341-9

ISOLATION & PURIFICATION

High-performance liquid chromatography of dicarboxylic porphyrins and metalloporphyrins: retention behaviour and biomedical applications. Lim CK, et al. **J Chromatogr** 1984 Dec 28;317:333-41

METABOLISM

Influence of chloroquine on the porphyrin metabolism. Goerz G, et al. **Arch Dermatol Res** 1985;277(2):114-7

Effect of unsaturated fatty acids on protoporphyrinogen oxidation, a step in heme and chlorophyll synthesis in plant organelles. Jacobs JM, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1157-64

Studies on in vitro formation of complexes between porphyrins and chloroquine. Chinarro S, et al. **Biochem Int** 1983 Apr;6(4):565-8

Differential interaction of porphyrins used in photoradiation therapy with ferrochelatase. Dailey HA, et al. **Biochem J** 1984 Oct 15;223(2):441-5

Drug-induced accumulation of uroporphyrin in chicken hepatocyte cultures. Structural requirements for the effect and role of exogenous iron. Ferioli A, et al. **Biochem J** 1984 Dec 15;224(3):769-77

Deuteroporphyrin-albumin binding equilibrium. The effects of porphyrin self-aggregation studied for the human and the bovine proteins. Rotenberg M, et al. **Biochem J** 1985 Jul 1;229(1):197-203

Volume changes associated with cytochrome c oxidase-porphyrin cytochrome c equilibrium. Kornblatt JA, et al. **Biochemistry** 1984 Dec 4;23(25):5906-11

Characterization of the enzymatic and nonenzymatic peroxidative degradation of iron porphyrins and cytochrome P-450 heme. Schaefer WH, et al. **Biochemistry** 1985 Jun 18;24(13):3254-63

Protoporphyrin accumulation by mitogen stimulated lymphocytes and protoporphyrinogen oxidase activity in patients with porphyria variegata and erythropoietic protoporphyria: evidence for deficiency of protoporphyrinogen oxidase and ferrochelatase in both diseases. Siepker LJ, et al. **Br J Haematol** 1985 May; 60(1):65-74

Effects of polyhalogenated aromatic compounds on porphyrin metabolism. Hill RH Jr. **Environ Health Perspect** 1985 May;60:139-43

Toxicity of polychlorinated biphenyl with special reference to porphyrin metabolism. Sano S, et al. **Environ Health Perspect** 1985 Feb;59:137-43

Ferrochelatase and N-alkylated porphyrins. Cole SP, et al. **Mol Cell Biochem** 1984 Sep;64(2):127-37 (111 ref.)

A comparative study of the interaction of 5,10,15,20-tetrakis (N-methylpyridinium-4-yl)porphyrin and its zinc complex with DNA using fluorescence spectroscopy and topoisomerisation. Kelly JM, et al. **Nucleic Acids Res** 1985 Jan 11;13(1):167-84

Congenital erythropoietic porphyria. A case report with discussion of different porphyrin excretion patterns. Dahle JS, et al. **Photodermatol** 1984 Aug;1(4):187-90

Newer aspects on the treatment of erythropoietic protoporphyria. Sandberg S. **Photodermatol** 1985 Feb; 2(1):1-2

Porphyrin:protoporphyrin:plasma protein interaction--the metabolic basis for the tumor localization of hematoporphyrin derivative--a preliminary report. El-Far M, et al. **Prog Clin Biol Res** 1984;170:657-60

A comparative study of 28 porphyrins and their abilities to localize in mammary mouse carcinoma: uroporphyrin I superior to hematoporphyrin derivative. El-Far M, et al. **Prog Clin Biol Res** 1984;170:661-72

Bile secretion and liver microsomal mixed function oxidase system in mice with griseofulvin-induced hepatic protoporphyria. Cantoni L, et al. **Toxicology** 1983 May; 27(1):27-39

[Binding of porphyrins to intracellular proteins] Cervinka J, et al. **Cas Lek Cesk** 1984 Aug 17;123(33):1015-7 (Eng. Abstr.) **(Cze)**

[Controlling the binding of porphyrins to ligands using antimalarial agents] Kaláb M, et al. **Cas Lek Cesk** 1984 Dec 21;123(51):1566-8 (Eng. Abstr.) **(Cze)**

[Basic study for cancer therapy with porphyrin derivatives and pheophorbide derivatives] Hayashi H, et al. **Hokkaido Igaku Zasshi** 1985 May;60(3):391-403 (Eng. Abstr.) **(Jpn)**

[Effects of ultrasonic therapy on blood and urine porphyrins in young women with chronic inflammatory diseases of the genital organs and infertility] Pisanets MP, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov-Dec; (6):38-40 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Photodynamic action of uroporphyrin on the complement system in porphyria cutanea tarda. Meurer M, et al. **Arch Dermatol Res** 1985;277(4):293-8

The effect of metalloporphyrins and heme liposomes on delta-aminolevulinate synthase activity in rat liver. Cannon JB, et al. **Biochem Biophys Res Commun** 1985 Jul 16; 130(1):306-12

Studies on the inhibition of ferrochelatase by N-alkylated dicarboxylic porphyrins. Steric factors involved and evidence that the inhibition is reversible. De Matteis F, et al. **Biochem J** 1985 Mar 1;226(2):537-44

The effect on photohaemolysis of variation in the structure of the porphyrin photosensitizer. de Paolis A, et al. **Biochem J** 1985 Mar 15;226(3):757-66

Evaluation of microsomal pathways of oxidation of alcohols and hydroxyl radical scavenging agents with carbon monoxide and cobalt protoporphyrin IX. Krikun G, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2929-35

Inhibition of rat peritoneal mast cell histamine secretion by protoporphyrin and incandescent light. Abhold RH, et al. **Int Arch Allergy Appl Immunol** 1985;76(2):126-32

Proposed structure for the noncovalently associated heme prosthetic group of dissimilatory nitrite reductases.

Configuration of substituents of acrylochlorin. Timkovich R, et al. **J Biol Chem** 1984 Dec 25;259(24):15089-93

Activation of factor XII-dependent pathways in human plasma by hematin and protoporphyrin. Becker CG, et al. **J Clin Invest** 1985 Aug;76(2):413-9

Sn-protoporphyrin rapidly and markedly enhances the heme saturation of hepatic tryptophan pyrrolase. Evidence that this synthetic metalloporphyrin increases the functional content of heme in the liver. Kappas A, et al. **J Clin Invest** 1985 Jan;75(1):302-5

Studies on the mechanism of Sn-protoporphyrin suppression of hyperbilirubinemia. Inhibition of heme oxidation and bilirubin production. Simionatto CS, et al. **J Clin Invest** 1985 Feb;75(2):513-21

Effect of tin protoporphyrin on the excretion rate of carbon monoxide in newborn rats after hematoma formation. Posselt AM, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug; 4(4):650-4

Tin protoporphyrin inhibits carbon monoxide production in adult mice. Milleville GS, et al. **Pediatr Res** 1985 Jan; 19(1):94-6

Enhancement of porphyrin-photosensitization of yeast cells by ethanol. Ito T, et al. **Photochem Photobiol** 1984 Oct; 40(4):429-34

The liver excretes large amounts of heme into bile when heme oxygenase is inhibited competitively by Sn-protoporphyrin. Kappas A, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):896-900

Association between progesterone binding and cytochrome P-450 content of hepatic microsomes in the rat treated with cobalt-haem. Feuer G, et al. **Xenobiotica** 1985 May; 15(5):407-12

RADIATION EFFECTS

Photodestruction of Propionibacterium acnes porphyrins. Melø TB, et al. **Z Naturforsch [C]** 1985 Jan-Feb; 40(1-2):125-8

THERAPEUTIC USE

Prevention of neonatal hyperbilirubinaemia in non-human primates by Zn-protoporphyrin. Qato MK, et al. **Biochem J** 1985 Feb 15;226(1):51-7

Photodynamic effects: porphyrin vs chlorin. Kessel D, et al. **Photochem Photobiol** 1984 Sep;40(3):403-5

[Photodynamic effects of various types of porphyrins on cultured hepatocellular carcinoma cells (JTC-16): a fundamental study of porphyrin photodynamic therapy] Kawamoto C, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):261-9 (Eng. Abstr.) **(Jpn)**

TOXICITY

Long-term administration of massive doses of Sn-protoporphyrin in anemic mutant mice (sphha/sphha). Sassa S, et al. **J Exp Med** 1985 Sep 1;162(3):864-76

Photodynamic effects: porphyrin vs chlorin. Kessel D, et al. **Photochem Photobiol** 1984 Sep;40(3):403-5

URINE

An unusual porphyrinuria precipitated by viraemia. Taylor GF, et al. **Australas J Dermatol** 1984 Dec;25(3):113-4

Use of transcutaneous nerve stimulation in the attacks of acute intermittent porphyria. Kaada B, et al. **Int J Biochem** 1985;17(2):235-40

Sclerodermoid changes of porphyria cutanea tarda: possible relationship to urinary uroporphyrin levels. Friedman SJ, et al. **J Am Acad Dermatol** 1985 Jul;13(1):70-4

Evaluation of porphyrinogenesis and enzyme induction in workers exposed to PCB. Maroni M, et al. **Med Lav** 1984 May-Jun;75(3):188-99

Urinary porphyrins in liver disease. Ostrowski J, et al. **Scand J Gastroenterol** 1984 Sep;19(6):862-6

[Clinical heterogeneity of hereditary coproporphyria: diagnostic usefulness of biochemical studies. Study of a familial case] Savi M, et al. **Pathologica** 1983;75 Suppl:134-7 **(Ita)**

[Porphyrins and their precursors in the urine of patients with suspected porphyria; a 16-year experience] Zawirska B, et al. **Pol Tyg Lek** 1985 Jan 28;40(4):97-100 (Eng. Abstr.) **(Pol)**

PORPOISES see **DOLPHINS**

PORTACAVAL SHUNT, SURGICAL

Measurements of local PO2 in the resting skeletal muscles of rats with portocaval anastomosis (PCA) under normoxic conditions. Heinrich R, et al. **Adv Exp Med Biol** 1984; 180:623-8

Expandable intrahepatic portacaval shunt stents: early experience in the dog. Palmaz JC, et al. **AJR** 1985 Oct; 145(4):821-5

Methionine metabolism after portacaval shunt in the rat. Benjamin LE, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):G321-7

Increased ethanol consumption and blood ethanol levels in rats with portacaval shunts. Martin JR, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G287-92

Altered amitriptyline kinetics in a depressed patient with porto-caval anastomosis. Hrdina PD, et al. **Can J Psychiatry** 1985 Mar;30(2):111-3

The source of hepatic blood supply influences plasma amino acid patterns. Sankary HN, et al. **Curr Surg** 1985 Jul-Aug; 42(4):304-6

Favourable outcome of hepatic veno-occlusive disease in a renal transplant patient receiving azathioprine, treated by portacaval shunt. Report of a case and review of the literature. Eisenhauer T, et al. **Digestion** 1984;30(3):185-90

Impaired plasma amino-acid clearance in patients with cirrhosis of the liver and portocaval shunt--its relation to insulin resistance. Ferenci P, et al. **Eur J Clin Invest** 1984 Aug;14(4):255-61

Effect of sustained portal-systemic shunting on glycolytic and citric-acid cycle intermediates in the rat brain. Hindfelt B. **Eur J Clin Invest** 1984 Oct;14(5):334-8

Intestinal phase of gastric acid secretion in humans with and without portacaval shunt. Lenz HJ, et al. **Gastroenterology** 1985 Oct;89(4):791-6

Cholesterol metabolism in lean and obese Zucker rats: effects of portacaval anastomosis. Bendjellit S, et al. **Int J Obes** 1985;9(1):1-9

Protein synthesis rates in rats with portacaval shunts. Dunlop DS, et al. **J Neurochem** 1984 Nov;43(5):1487-9

Methionine sulfoximine prevents the accumulation of large neutral amino acids in brain of portacaval-shunted rats. Rigotti P, et al. **J Neurochem** 1985 Mar;44(3):929-33

Nonlinear formation of propranolol metabolites in dogs after portacaval transpositions. Lo MW, et al. **J Pharmacokinet Biopharm** 1984 Aug;12(4):401-12

Lowering of plasma free tryptophan in normal and portacaval shunt dogs. Miyai M, et al. **J Surg Res** 1985 Jul;39(1):8-15

gamma-Aminobutyric acid plasma levels and brain binding in Eck fistula dogs. Thompson JS, et al. **J Surg Res** 1985 Feb;38(2):143-8

Correlation between electroencephalogram, hepatic encephalopathy grade, and biochemical indices in beagles with portacaval anastomosis. Okamoto H, et al. **JPEN J Parenter Enteral Nutr** 1985 May-Jun;9(3):326-33

Mesocaval and distal splenorenal shunts: effect on hepatic function, hepatic hemodynamics, and portal systemic encephalopathy. Herz R, et al. **Klin Wochenschr** 1985 May 2;63(9):409-18

Endoscopic sclerotherapy versus portacaval shunt in patients with severe cirrhosis and variceal hemorrhage. Cello JP, et al. **N Engl J Med** 1984 Dec 20;311(25):1589-94

Ultrasonic demonstration of porto-caval anastomosis in portal hypertension in children. Boucher D, et al. **Pediatr Radiol** 1985;15(5):307-10

The role of prostaglandins in Na retention of porta-cava shunted rats. Soggia G, et al. **Pharmacol Res Commun** 1984 Nov;16(11):1065-79

Efficient hepatic uptake of chylomicron remnant cholesterol in rats with a portacaval anastomosis. Landin B, et al. **Scand J Gastroenterol** 1985 Apr;20(3):272-8

Portacaval shunt in the treatment of primary Budd-Chiari syndrome. Pezzuoli G, et al. **Surgery** 1985 Aug; 98(2):319-23

Portal versus systemic venous drainage for small-bowel allografts. Schraut WH, et al. **Surgery** 1985 Sep; 98(3):579-86

The sinusoidal barrier in rats with portacaval anastomosis: a morphometric study. Dubuisson L, et al. **Virchows Arch** [A] 1985;407(3):347-57

Portacaval shunts. Callow AD. **World J Surg** 1984 Oct; 8(5):688-97 (65 ref.)

[Increase in urinary uric acid in the rat following portacaval shunt. The action of clofibrate] Thomas J, et al. **Ann Urol (Paris)** 1985;19(2):128-31 (Eng. Abstr.) **(Fre)**

[Portocaval anastomosis in rats (letter)] Balabaud C, et al. **Gastroenterol Clin Biol** 1984 Nov;8(11):882 **(Fre)**

[Is portacaval anastomosis still valid treatment for portal hypertension in alcoholic cirrhotic patients?] Paineau J, et al. **J Chir (Paris)** 1984 Aug-Sep;121(8-9):471-6 (Eng. Abstr.) **(Fre)**

[Ultrasonic inspection of the permeability of surgical portacaval shunts] Zerbib M, et al. **Presse Med** 1985 Jan 26;14(3):143-6 (Eng. Abstr.) **(Fre)**

[Physiopathologic bases for elective intervention in portal hypertension] Picardi N, et al. **Ann Ital Chir** 1984; 56(6):593-604 **(Ita)**

[Behavior of the principal blood coagulation parameters in rats with portacaval anastomosis] Molinatti M, et al. **Ann Osp Maria Vittoria Torino** 1983 Jan-Jun; 26(1-6):164-71 (Eng. Abstr.) **(Ita)**

[Metabolic changes following termino-lateral portacaval anastomosis in the rat] Remonda G, et al. **Ann Osp Maria Vittoria Torino** 1983 Jan-Jun; 26(1-6):172-82 (Eng. Abstr.) **(Ita)**

[Changes in the metabolism of catecholamines in the central and peripheral nervous systems of rats 7, 15 and 30 days after termino-lateral portacaval anastomosis] López Sánchez ML, et al. **Rev Esp Enferm Apar Dig** 1984 Dec; 66(6):465-72 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Portal-systemic myelopathy after portacaval shunt surgery. Lebovics E, et al. **Arch Intern Med** 1985 Oct;145(10):1921-2

Neoplastic surface changes in urothelium of rats after portacaval anastomosis. A combined light and scanning electron microscopic study. Dubuisson L, et al. **Exp Pathol** 1984;26(1):49-58

Further report of a prospective randomized trial comparing distal splenorenal shunt with end-to-side portacaval shunt. An analysis of encephalopathy, survival, and quality of life. Langer B, et al. **Gastroenterology** 1985 Feb;88(2):424-9

Hepatic encephalopathy after portacaval shunt [letter] Alagille D. **J Pediatr** 1985 Sep;107(3):485-6

Hyperplastic foci in the atrophic liver of rats after portacaval anastomosis. Dubuisson L, et al. **Liver** 1985 Feb;5(1):21-8

An update of portal systemic shunting and its complications. Voorhees AB Jr, et al. **World J Surg** 1984 Oct;8(5):698-701

[Promoting effect of portacaval anastomosis in experimental hepatic carcinogenesis] Préat V, et al. **C R Soc Biol (Paris)** 1984;178(4):408-13 (Eng. Abstr.) **(Fre)**

[Hepatic encephalopathy after portacaval anastomosis. Retrospective analysis of its occurrence at the clinical and subclinical level] Troiani R, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):167-74 (Eng. Abstr.) **(Ita)**

[A case of mediastinal pseudotumor due to the dilated porto-caval shunt] Kobayashi M, et al. **Rinsho Hoshasen** 1984 Oct;29(10):1107-10 (Eng. Abstr.) **(Jpn)**

[Reduction of oxygen consumption and capillary obstruction by megakaryocytes in the cerebral cortex of rats with portocaval shunts] Aller Reyero A, et al. **Rev Esp Enferm Apar Dig** 1985 Jun;67(6):491-500 (Eng. Abstr.) **(Spa)**

[Morphometric study of the caudate nucleus of rats 3 and 4 months after portacaval shunt] Arias J, et al. **Rev Esp Enferm Apar Dig** 1985 Feb;67(2):123-8 (Eng. Abstr.) **(Spa)**

[Incidence of encephalopathy following portocaval shunt] Balanzó J, et al. **Rev Esp Enferm Apar Dig** 1985 Jun; 67(6):501-5 (Eng. Abstr.) **(Spa)**

METHODS

Liver revascularization with the left gastric artery following portocaval shunt in rats: technique and preliminary results. Vassanelli P, et al. **Microsurgery** 1984;5(3):119-22

[Marion's calibrated latero-lateral portacaval anastomosis: a truncular shunt maintaining hepatopetal portal blood flow?] Balique JG, et al. **Gastroenterol Clin Biol** 1985 Apr; 9(4):305-11 (Eng. Abstr.) **(Fre)**

[Atheromatous stenosis of the celiac trunk and post-hemorrhagic encephalopathy in the cirrhotic patient. A case treated with aortohepatic bypass and portacaval anastomosis (letter)] Gayral F. **Presse Med** 1985 Mar 2; 14(9):552 **(Fre)**

[Indications and results of portal shunt surgery] Kunath U, et al. **Leber Magen Darm** 1985 Jan;15(1):19-25 (Eng. Abstr.) **(Ger)**

[Surgery of portal hypertension in an experiment on dogs] Grga A, et al. **Lijec Vjesn** 1984 Nov-Dec;106(11-12):470-5 (Eng. Abstr.) **(Scr)**

PORTAL SYSTEM

see related

LIVER CIRCULATION

Portal venous thrombosis: correlative analysis of sonography, CT and angiography. Subramanyam BR, et al. **Am J Gastroenterol** 1984 Oct;79(10):773-6

Pneumopylephlebitis and intramesocolic diverticular perforation. Jensen JA, et al. **Am J Surg** 1985 Aug; 150(2):284-7

Inferior vena caval obstruction secondary to retroperitoneal fibrosis causing abnormal venous return of left lower limb to portal circulation. Case report and literature review. Abdel-Dayem HM, et al. **Clin Nucl Med** 1984 Nov; 9(11):635-7 (12 ref.)

Renal control of cephalic and intestinal removal of glucagon in the anesthetized dog. Loly J, et al. **Horm Metab Res** 1984 Jun;16(6):308-10

Ultrasound detection of unusual spontaneous portosystemic shunts associated with uncomplicated portal hypertension. Di Candio G, et al. **J Ultrasound Med** 1985 Jun; 4(6):297-305

Radiologic evaluation of the portal system by the newer modalities of computed tomography and ultrasound. Ruzicka FF. **Mt Sinai J Med (NY)** 1984 Jul-Aug; 51(4):516-27

[Ultrasound measurement of portal blood flow. Initial results in the study of hemopathies] Dauzat M, et al. **J Mal Vasc** 1984;9(4):273-6 (Eng. Abstr.) **(Fre)**

[A case of suppurative pyelophlebitis with development of hepatoportal collaterals (cavernous transformation of the portal vein)] Ibuki Y, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May;82(5):1406-11 **(Jpn)**

[Detoxification of portal system blood in the combined treatment of peroral poisonings] Matkevich VA, et al. **Farmakol Toksikol** 1984 Sep-Oct;47(5):93-6 (Eng. Abstr.) **(Rus)**

ABNORMALITIES

Evaluation of serum bile acid concentrations for the diagnosis of portosystemic venous anomalies in the dog and cat. Center SA, et al. **J Am Vet Med Assoc** 1985 May 15; 186(10):1090-4

ANATOMY & HISTOLOGY

Three-dimensional observations of the hepatic arterial terminations in rat, hamster and human liver by scanning

electron microscopy of microvascular casts. Yamamoto K, et al. **Hepatology** 1985 May-Jun;5(3):452-6
Contributions to the evolutionary study of the liver afferent veins. Diaconescu N. **Morphol Embryol (Bucur)** 1985 Jan-Mar;31(1):17-23

CYTOLOGY

Smooth muscle in the hepatic artery, portal vein and hepatic vein within the liver of the raccoon and guinea pig. Yeager VL, et al. **Experientia** 1985 Feb 15;41(2):262-5

DRUG EFFECTS

Effect of selective blockade of beta 2-adrenergic receptors on portal and systemic hemodynamics in a portal hypertensive rat model. Kroeger RJ, et al. **Gastroenterology** 1985 Apr;88(4):896-900
Acute and chronic effects of the beta-receptor blocker mepindolol on hemodynamics and the portal circulation. Wink K. **Int J Clin Pharmacol Ther Toxicol** 1984 Aug; 22(8):477-50

IMMUNOLOGY

Central modulation of immunoreactive arginine vasopressin and oxytocin secretion into the hypophysial-portal circulation by corticotropin-releasing factor. Plotsky PM, et al. **Endocrinology** 1985 Apr;116(4):1669-71

METABOLISM

Rat brainstem neurons responsive to changes in portal blood sodium concentration. Kahrilas PJ, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R792-9
Intestinal metabolism and portal venous transport of 1,25(OH)2D3, 25(OH)D3, and vitamin D3 in the rat. McDonald GB, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G633-8

PATHOLOGY

[Post-hepatic portal hypertension] Philippiová O. **Cesk Pediatr** 1984 Aug;39(8):488-9 **(Cze)**
[Spontaneous portacaval anastomoses by veins of the falciform ligament of the liver in cirrhosis. Their ultrasonic exploration] Pietri H, et al. **Gastroenterol Clin Biol** 1985 Mar;9(3):250-4 (Eng. Abstr.) **(Fre)**

PHYSIOLOGY

Stimulation of Schistosoma mansoni oviposition in vitro by animal and human portal serum. Wu GY, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):750-[illegible]
Portal haemodynamics in subjects without signs of liver disease. Fabián J, et al. **Cor Vasa** 1984;26(3):200-9
Detection of liposomes in portal blood following oral administration. Das N, et al. **J Appl Biochem** 1984 Oct-Dec; 6(5-6):346-52
Changes in specific immunoglobulins after various forms of portal diversion in the rat. Hickman R, et al. **J Clin Lab Immunol** 1985 Apr;16(4):223-6
A combined ultrasonic linear array scanner and pulsed Doppler velocimeter for the estimation of blood flow in the foetus and adult abdomen--I: Technical aspects. Teague MJ, et al. **Ultrasound Med Biol** 1985 Jan-Feb; 11(1):27-36
[Measurement of the portal blood flow in man by continuous local thermodilution method: preliminary report] Yamazaki O, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Dec; 81(12):2951-9 (Eng. Abstr.) **(Jpn)**
[Compensation of experimental insular insufficiency by altering the portal blood flow] Gal'perin EI, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):418-22 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Interrelationship between type of spontaneous portal systemic shunt and portal vein pressure in patients with liver disease. Ohnishi K, et al. **Am J Gastroenterol** 1985 Jul;80(7):561-4
Effect of two different preparations of somatostatin on intra-portal pressure in patients with liver cirrhosis. Thulin L. **Clin Physiol** 1984 Oct;4(5):439-42
Quantitative measurement of portal blood flow in patients with chronic liver disease using an ultrasonic Duplex system consisting of a pulsed Doppler flowmeter and B-mode electroscanner. Moriyasu F, et al. **Gastroenterol Jpn** 1984 Dec;19(6):529-36
Increased blood flow through the portal system in cirrhotic rats. Vorobioff J, et al. **Gastroenterology** 1984 Nov; 87(5):1120-6
[Portal perfusion following Warren shunt] Kunath U, et al. **Langenbecks Arch Chir** 1984;363(2):121-7 (Eng. Abstr.) **(Ger)**
[Effects of feeding on portal blood flow in patients with chronic liver diseases. Quantitative measurements using an ultrasonic duplex system composed of an electronic B-mode scanner and pulsed Doppler flowmeter] Moriyasu F, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Nov; 81(11):2767-74 (Eng. Abstr.) **(Jpn)**
[Spontaneous reversal of portal blood flow in a case of primary hepatocellular carcinoma] Nishida O, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Dec;81(12):3028-32 **(Jpn)**

RADIOGRAPHY

The portal system. Dick R. **Clin Gastroenterol** 1985 Apr; 14(2):313-29
Sclerotherapy of esophageal varices: an endoscopic and portographic study. Söderlund C, et al. **Hepatology** 1984 Sep-Oct;4(5):877-84
Evaluation of retroperitoneal portasystemic collaterals by intravenous DSA. Beskin RR, et al. **J La State Med Soc** 1985 Aug;137(8):45-7
[Intraarterial digital subtraction portography. Visualization of the portal system] Matsuoka T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Sep 25; 44(9):1151-9 (Eng. Abstr.) **(Jpn)**

SURGERY

Acute hepatotoxicity of carbon tetrachloride. Different liver lobes response in rats with portal branch ligation. Bioulac-Sage P, et al. **Exp Pathol** 1984;26(1):33-40

ULTRASTRUCTURE

The three-dimensional architecture of the elastic-fiber network in canine hepatic portal system. Crissman RS, et al. **Am J Anat** 1984 Dec;171(4):401-13
[Electron microscopic research on the capillary permeability of the primary portal plexus in rats in the prenatal period] Ivanova IP, et al. **Tsitologiia** 1985 Feb;27(2):148-52 (Eng. Abstr.) **(Rus)**

PORTAL VEIN

Sonographic detection of portal venous gas in infants with necrotizing enterocolitis. Merritt CR, et al. **AJR** 1984 Nov; 143(5):1059-62
Pulsed Doppler duplex sonography and CT of portal vein thrombosis. Miller VE, et al. **AJR** 1985 Jul;145(1):73-6
Sonographic features of portal vein thrombosis. Van Gansbeke D, et al. **AJR** 1985 Apr;144(4):749-52
Effect of alcohol ingestion on portal venous blood flow in healthy volunteers: comparison between the subjects with and without ALDH I isozyme. Yoshihara H, et al. **Alcohol** 1985 May-Jun;2(3):463-8
Hepatic portal venous gas after colonoscopy in granulomatous colitis. Huycke A, et al. **Am J Gastroenterol** 1985 Aug;80(8):637-8
Pathological study on livers with noncirrhotic portal hypertension and portal venous thromboembolic occlusion: report of seven autopsy cases. Nakanuma Y, et al. **Am J Gastroenterol** 1984 Oct;79(10):782-9
Protean manifestations of pylethrombosis. A review of thirty-four patients. Witte CL, et al. **Ann Surg** 1985 Aug; 202(2):191-202
ERCP diagnosis of multiple hepatic abscesses due to portal pylephlebitis. Hall RI, et al. **Br J Surg** 1985 Jun;72(6):439
Selective variceal decompression in portal vein thrombosis. Henderson JM, et al. **Br J Surg** 1984 Oct;71(10):745-9
Gallbladder varices: a potential collateral pathway in portal hypertension and portal vein occlusion. Charnsangavej C, et al. **Cardiovasc Intervent Radiol** 1984;7(5):247-50
In situ freezing of the pancreas and portal vein in the pig. McIntosh GS, et al. **Cryobiology** 1985 Apr;22(2):183-90
Pulmonary hypertension associated with portal thrombosis. Flemale A, et al. **Eur J Respir Dis** 1985 Mar;66(3):224-8
Membranous obstruction of the portal vein. A case report. Kimura K, et al. **Gastroenterology** 1985 Feb;88(2):571-5
Development of portal vein thrombosis complicating idiopathic portal hypertension. A case report. Ohnishi K, et al. **Gastroenterology** 1985 Apr;88(4):1034-40
Incidence of portal vein thrombosis in liver cirrhosis. An angiographic study in 708 patients. Okuda K, et al. **Gastroenterology** 1985 Aug;89(2):279-86
Large spontaneous intrahepatic arterioportal fistula demonstrated by rapid sequential computed tomographic scan. Report of two cases. Takayasu K, et al. **Gastroenterology** 1985 Feb;88(2):564-70
Treatment of portal vein obstruction by percutaneous transhepatic angioplasty. Uflacker R, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):176-80
Portal pressure, presence of gastroesophageal varices and variceal bleeding. Garcia-Tsao G, et al. **Hepatology** 1985 May-Jun;5(3):419-24
The comparative effect of administration of substances via the hepatic artery or portal vein on hepatic arterial resistance, liver blood volume and hepatic extraction in cats. Lautt WW, et al. **Hepatology** 1984 Sep-Oct; 4(5):927-32
Bleeding in extrahepatic portal vein obstruction. Koshy A, et al. **Indian J Gastroenterol** 1984 Jan;3(1):13-4
Sonographic demonstration of a patent umbilical vein in portal vein tumor thrombosis. Leekam RN, et al. **J Can Assoc Radiol** 1984 Sep;35(3):316-7
Extrahepatic portal venous thrombosis: frequent recognition of associated diseases. Brown KM, et al. **J Clin Gastroenterol** 1985 Apr;7(2):153-9
MR imaging of portal vein thrombus in hepatocellular carcinoma. Ohtomo K, et al. **J Comput Assist Tomogr** 1985 Mar-Apr;9(2):328-9
Ultrasonography in the diagnosis and management of post-venorrhaphy thrombosis of the portal vein. Ivatury RR, et al. **J Trauma** 1985 Apr;25(4):362-5
Congenital portosystemic shunt diagnosed by combined real-time and Doppler sonography. Wittich G, et al. **J Ultrasound Med** 1985 Jun;4(6):315-8
Ultrasonographic identification of portal vein gas. Laing FC, et al. **JCU** 1984 Oct;12(8):512-4
Sonographic demonstration of reversible portal vein thrombosis following splenectomy in an adolescent. Papanicolaou N, et al. **JCU** 1984 Nov-Dec;12(9):575-7
Hepatoma, arterioportal shunting, and hyperkinetic portal hypertension: therapeutic embolization. Morse SS, et al. **Radiology** 1985 Apr;155(1):77-82
Hemobilia following transhepatic biliary drainage: occlusion of an hepatoportal fistula by balloon tamponade. Sniderman KW, et al. **Radiology** 1985 Mar;154(3):827
Gas in the portal venous system. Illustrated by two case reports. Nielsen ST, et al. **ROFO** 1985 Jun;142(6):702-3
Suppurative pylephlebitis due to pseudodiverticulosis coli. Rodning CB, et al. **South Med J** 1984 Sep;77(9):1165-7
Percutaneous transhepatic portal vein catheterization for localization of insulinoma. Tseng HC, et al. **World J Surg** 1984 Aug;8(4):575-82
[Percutaneous transhepatic portal vein catheterization for the localization of insulinoma] Zeng XJ. **Chung Hua I Hsueh Tsa Chih** 1984 Nov;64(11):671-5 (Eng. Abstr.) **(Chi)**
[Production of nonsurgical intrahepatic portacaval shunt in portal hypertension using a Gruntzig balloon dilatation catheter] Burgener FA, et al. **J Radiol** 1985 Jan;66(1):7-11 (Eng. Abstr.) **(Fre)**
[Production of an intrahepatic portocaval fistula in the dog with liver cirrhosis and portal hypertension] Burgener FA, et al. **ROFO** 1984 Sep;141(3):327-32 (Eng. Abstr.) **(Ger)**
[Embolism of the intrahepatic portal vein] Grabbe E, et al. **ROFO** 1984 Oct;141(4):461-3 **(Ger)**
[Hyperpotassemia and cardiac insufficiency during clamping of the hepatic artery and portal vein] Kainuma M, et al. **Masui** 1984 Nov;33(11):1278-81 (Eng. Abstr.) **(Jpn)**
[Study of 45 patients with hepatocellular carcinoma complicating occlusion of the main portal vein] Kanno T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May; 82(5):1360-8 (Eng. Abstr.) **(Jpn)**
[A case report of cavernous transformation of the portal vein with liver abscess] Imoto M, et al. **Rinsho Hoshasen** 1985 Mar;30(3):419-22 (Eng. Abstr.) **(Jpn)**
[A case of arterio-portal vein fistula with portal systemic encephalopathy] Ito T, et al. **Rinsho Hoshasen** 1984 Nov; 29(12):1415-8 (Eng. Abstr.) **(Jpn)**
[Simultaneous vessel catheterization and placement of the transducer of an electromagnetic flowmeter on the portal vein of the cow] Aliev AA, et al. **Fiziol Zh SSSR** 1984 Nov;70(11):1585-8 **(Rus)**
[Thromboembolism of the portal vein in strangulation obstruction of the intestine] Darenskiĭ DI, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):42-5 (Eng. Abstr.) **(Rus)**
[Pylephlebitis following pancreatic resection] Nartsissov TV. **Klin Khir** 1984 Nov;(11):60-1 **(Rus)**
[Echographic manifestations of portal thrombosis; apropos of 7 cases] Peña Sargado JM, et al. **Rev Esp Enferm Apar Dig** 1985 Jun;67(6):506-10 (Eng. Abstr.) **(Spa)**

ABNORMALITIES

Hepatic encephalopathy associated with extensive portal-hepatic venous shunts: a case report. Ohnishi K, et al. **Am J Gastroenterol** 1985 Jan;80(1):60-3
Ultrastructural characteristics of hyperplastic alterations in the liver of congenital portacaval-shunt rats. Vonnahme FJ, et al. **Br J Exp Pathol** 1984 Oct;65(5):585-96
Congenital arteriovenous fistula between the subclavian artery and the portal vein. Görlach G, et al. **J Cardiovasc Surg (Torino)** 1984 Jul-Aug;25(4):378-80
Esophageal and duodenal atresia with preduodenal common bile duct and portal vein in a newborn. Patti G, et al. **J Pediatr Surg** 1985 Apr;20(2):167-8
Pancreatectomy for carcinoma of the head of the pancreas associated with multiple anomalies including the preduodenal portal vein. Matsusue S, et al. **Jpn J Surg** 1984 Sep;14(5):394-8
Accessory lateral segmental branch of the portal vein. Araki T, et al. **Radiology** 1985 Apr;155(1):24
Portosystemic shunts. Vulgamott JC. **Vet Clin North Am [Small Anim Pract]** 1985 Jan; 15(1):229-42
[Acute lithiasic cholecystitis, situs viscerum inversus, vena porta preduodenale (considerations on a clinical case)] Amadio M, et al. **Chir Ital** 1982 Oct;34(5):779-88 (Eng. Abstr.) **(Ita)**

ANATOMY & HISTOLOGY

[Echo-anatomy of the portal and umbilical vessels in the fetus] Droullé P, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(3):222-4 **(Fre)**
[The porto-vertebral angle and biohumoral indexes of hepatic function in cirrhotic patients. Statistical analysis] Violi V, et al. **Ann Ital Chir** 1984;56(3):211-7 (Eng. Abstr.) **(Ita)**

DRUG EFFECTS

Effects of frusemide, ethacrynic acid and chlorothiazide on the portal vein of normotensive and spontaneously hypertensive rats. Tayo FM, et al. **Afr J Med Med Sci** 1984 Sep-Dec;13(3-4):161-7

Effect of cimetidine on portal pressure and systemic hemodynamics in patients with and without liver cirrhosis. Nagasue N, et al. **Gastroenterol Jpn** 1985 Apr;20(2):131-6

Evidence for an indirect component of the action of histamine on canine portal vein. Bielkiewicz B, et al. **Pharmacology** 1984;29(4):233-40

ENZYMOLOGY

Dopamine-sensitive adenylate cyclase in rabbit portal vein. Amenta F. **Neurosci Lett** 1985 May 23;56(3):279-82

INJURIES

Injuries to the great veins of the abdomen. Robbs JV, et al. **S Afr J Surg** 1984 Nov-Dec;22(4):223-8

[Arterioportal fistula after hepatic puncture biopsy. Apropos of 2 cases] Malvy P, et al. **Chirurgie** 1984;110(5):499-508 (Eng. Abstr.) **(Fre)**

INNERVATION

Activation of portal-hepatic osmoreceptors in rats: role of calcium, acetylcholine and cyclic AMP. Stoppini L, et al. **J Auton Nerv Syst** 1984 Nov;11(3):297-308

METABOLISM

Graded effects of oxygen and respiratory inhibitors on cell metabolism and spontaneous contractions in smooth muscle of the rat portal vein. Lövgren B, et al. **Acta Physiol Scand** 1985 Apr;123(4):485-95

Effect of low sodium diet on the facilitatory effect of angiotensin on 3H-norepinephrine release in the rat portal vein. Westfall TC, et al. **Blood Vessels** 1985;22(1):13-24

Serum concentrations of ursodeoxycholic acid in portal venous and systemic venous blood of fasting humans as determined by isotope dilution-mass spectrometry. Ewerth S, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):126-33

Photoaffinity labeling of the rat isolated portal vein: determination of affinity constants and 'spare' receptors for angiotensins II and III. Kwok YC, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):137-40

[Comparative kinetics of appearance in the portal vein of alpha-aminated nitrogen from mixtures of small peptides of free amino acids of the same composition introduced in the duodenum of conscious pigs] Rerat A, et al. **C R Acad Sci [III]** 1985;300(7):293-6 (Eng. Abstr.) **(Fre)**

[Measurement of the appearance of volatile fatty acids in the portal vein during digestion in conscious pigs] Rerat A, et al. **C R Acad Sci [III]** 1985;300(12):467-70 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Pathogenesis of portal sclerosis in the liver with idiopathic portal hypertension. Observations of 19 autopsy cases and animal experiments. Fukuda K, et al. **Acta Pathol Jpn** 1985 Mar;35(2):299-314

Duplex Doppler: identification of cavernous transformation of the portal vein. Weltin G, et al. **AJR** 1985 May;144(5):999-1001

Formation of hilar collaterals or cavernous transformation after portal vein obstruction by hepatocellular carcinoma. Observations in ten patients. Ohnishi K, et al. **Gastroenterology** 1984 Nov;87(5):1150-3

Clinical and investigative discrimination between portal vein thrombosis, non-cirrhotic portal fibrosis and cirrhosis. Koshy A, et al. **Indian J Gastroenterol** 1984 Oct;3(4):201-2

Clinical differentiation between portal vein thrombosis (PVT), non-cirrhotic portal fibrosis (NCPF) and cirrhosis by discriminant analysis. Koshy A, et al. **Indian J Gastroenterol** 1984 Oct;3(4):197-8

Ultrasonographic diagnosis of schistosomal periportal fibrosis. Hussain S, et al. **J Ultrasound Med** 1984 Oct;3(10):449-52

Primary portal venopathy in the golden hamster treated with low doses of dimethylnitrosamine. Ungar H. **Liver** 1984 Aug;4(4):244-54

Infrahepatic interruption of the inferior vena cava with portal continuation. Bercoff E, et al. **Radiology** 1985 Mar;154(3):771-2

PHYSIOLOGY

Acute portal vein stenosis. An experimental study on portal circulation and hepatosplenic function. Rozga J, et al. **Acta Chir Scand** 1985;151(2):125-31

Measurement of portal and hepatic blood flows using a modified method for surgical placement of catheters in the major splanchnic vessels of sheep. Naylor JM, et al. **Am J Vet Res** 1985 Jan;46(1):202-8

Exclusion of nonisolated splenic vein in distal splenorenal shunt for prevention of portal malcirculation. Inokuchi K, et al. **Ann Surg** 1984 Dec;200(6):711-7

Predictability and maintenance of portal flow patterns after small-diameter portacaval H-grafts in man. Rypins EB, et al. **Ann Surg** 1984 Dec;200(6):706-10

Modifications evoked by piretanide in the mechanical activity of cardiovascular tissues. Lacuara JL, et al. **Can J Physiol Pharmacol** 1985 Apr;63(4):283-6

Effect of raised portal venous pressure on blood pressure, urine output and body fluids. Shukla N, et al. **Indian J Physiol Pharmacol** 1984 Jul-Sep;28(3):216-8

Angiotensin III-induced modulation of neurogenic responses in the rabbit vas deferens and portal vein. Trachte GJ, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Jul;326(4):327-33

Pulsed Doppler flow as a criterion of portal venous velocity: comparison with cineangiographic measurements. Ohnishi K, et al. **Radiology** 1985 Feb;154(2):495-8

PHYSIOPATHOLOGY

Interrelationship between type of spontaneous portal systemic shunt and portal vein pressure in patients with liver disease. Ohnishi K, et al. **Am J Gastroenterol** 1985 Jul;80(7):561-4

Increased portal venous resistance hinders portal pressure reduction during the administration of beta-adrenergic blocking agents in a portal hypertensive model. Kroeger RJ, et al. **Hepatology** 1985 Jan-Feb;5(1):97-101

Localization of increased hepatic vascular resistance in liver cirrhosis. Shibayama Y, et al. **Hepatology** 1985 Jul-Aug;5(4):643-8

Reduction of portal vein pressure with the enlargement of portal-systemic shunts: observation made in one patient. Ohnishi K, et al. **J Clin Gastroenterol** 1984 Oct;6(5):447-51

Portal venous hemodynamics in chronic liver disease: effects of posture change and exercise. Ohnishi K, et al. **Radiology** 1985 Jun;155(3):757-61

Portal pressure changes induced by medical treatment: US detection. Zoli M, et al. **Radiology** 1985 Jun;155(3):763-6

[Assessment of portal blood flow by isotope splenoportography. Methodology and 1st results in cirrhosis] Bourguet P, et al. **Gastroenterol Clin Biol** 1984 Oct;8(10):704-10 (Eng. Abstr.) **(Fre)**

[Comparative evaluation of the protective effect of adaptation to short-term stress exposures in damage to the heart and portal vein from long-term stress] Manukhina EB, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):151-3 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Periportal sinusoidal dilatation associated with pregnancy. Fisher MR, et al. **Cardiovasc Intervent Radiol** 1984;7(6):299-302

Diagnosis of hepatic portal venous gas by computed tomography: role of intravenous contrast material. Haggar AM, et al. **Henry Ford Hosp Med J** 1985;33(1):36-8

Hereditary spherocytosis and portal vein thrombosis [letter] McGrew W, et al. **J Clin Gastroenterol** 1984 Aug;6(4):381-2

Calcification in the portal vein wall demonstrated by computed tomography. Broker MH, et al. **J Comput Assist Tomogr** 1985 May-Jun;9(3):444-6

Intraarterial digital subtraction portography in patients with liver tumors. Itai Y, et al. **Radiat Med** 1984 Apr-Jun;2(2):111-5

Portal cavernoma: dynamic CT features and transient differences in hepatic attenuation. Mathieu D, et al. **Radiology** 1985 Mar;154(3):743-8

Portal thrombosis: dynamic CT features and course. Mathieu D, et al. **Radiology** 1985 Mar;154(3):737-41

Hemodynamics of portal blood flow shown by CT portography. Work in progress. Reinig JW, et al. **Radiology** 1985 Feb;154(2):473-6

Intrahepatic portal vein branches studied by percutaneous transhepatic portography. Takayasu K, et al. **Radiology** 1985 Jan;154(1):31-6

The portacaval space: CT with MR correlation. Zirinsky K, et al. **Radiology** 1985 Aug;156(2):453-60

[Percutaneous transhepatic portography to predict the resectability of pancreato-ampullar carcinoma] Zhang JX. **Chung Hua I Hsueh Tsa Chih** 1984 Oct;64(10):621-3 **(Chi)**

[Transhepatic course of the portal vein with a subcapsular branching] Goebel N. **Digitale Bilddiagn** 1985 Jun;5(2):74-5 (Eng. Abstr.) **(Ger)**

[Computed tomographic diagnosis of thromboses of the splenic, superior mesenteric and portal veins] Goebel N, et al. **Schweiz Med Wochenschr** 1984 Dec 29;114(52):1954-8 (Eng. Abstr.) **(Ger)**

[Arterioportal fistula as a complication of transcutaneous transhepatic portography] Borisova NA, et al. **Klin Khir** 1984 Sep;(9):60-1 **(Rus)**

[Choice of method in percutaneous transhepatic portography] Tatochenko KV, et al. **Vestn Khir** 1984 Oct;133(10):33-8 (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

Tc-99m RBC blood-pool imaging demonstrates umbilical vein in portosystemic shunt. Crucitti TW, et al. **J Nucl Med** 1984 Dec;25(12):1317-9

SURGERY

An experimental study of the longest tolerable time of the total portal triad occlusion in normothermia in rabbit. Chen XP, et al. **Acta Acad Med Wuhan** 1985;5(2):112-5

Portoazygous disconnection for bleeding esophageal varices. Bothe A Jr, et al. **Am J Surg** 1985 Apr;149(4):546-50

Results of the Warren operation for portal hypertension. Saubier EC, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jan-Feb;20(1):7-11 **(Eng, Fre)**

Hepatic blood flow in rats with portal branch ligation. More N, et al. **Eur Surg Res** 1985;17(3):150-4

Round Table: Porto-azygos disconnection. di Matteo G, et al. **Ital J Surg Sci** 1984;14(4):351-5

Portal vein grafts in hepatic transplantation. Shaw BW Jr, et al. **Surg Gynecol Obstet** 1985 Jul;161(1):66-8

Hemihepatectomy and transfer of the portal inflow tract of the retained hemiliver in the dog. Boerma EJ, et al. **Surgery** 1985 May;97(5):591-5

Portal versus systemic venous drainage for small-bowel allografts. Schraut WH, et al. **Surgery** 1985 Sep;98(3):579-86

Modified hepatic portal enterostomy for biliary atresia. Ito T, et al. **Z Kinderchir** 1984 Aug;39(4):242-5

[Occlusion (ligation) of a branch of the portal vein for carcinoma of the liver] Honjo I. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):878-81 (Eng. Abstr.) **(Jpn)**

[Systemic hemodynamics and oxygen metabolism in acute portal vein occlusion and following restoration of portal vein flow in canines] Hoshino S, et al. **Nippon Geka Gakkai Zasshi** 1985 Jun;86(6):738-51 (Eng. Abstr.) **(Jpn)**

[Experimental study of the effect of portal vein occlusion on the mesenteric microcirculation] Miyakawa S. **Nippon Geka Gakkai Zasshi** 1984 Jul;85(7):719-28 (Eng. Abstr.) **(Jpn)**

[Replacement of portal vein with E-PTFE vascular graft; experimental study on process of the endothelialization] Ohkuma T. **Nippon Geka Gakkai Zasshi** 1984 Dec;85(12):1558-69 (Eng. Abstr.) **(Jpn)**

[Technic for draining the portal vein via the umbilical vein] Serapinas IL. **Vestn Khir** 1984 Sep;133(9):66-7 **(Rus)**

[Azygos-portal disconnection as a treatment in bleeding esophageal varices caused by portal hypertension. Experience in 12 cases] Csendes A, et al. **Rev Med Chil** 1984 Jun;112(6):559-63 (Eng. Abstr.) **(Spa)**

PORTASYSTEMIC SHUNT, SURGICAL

A comparison of the therapeutic effects of gastroesophageal devascularization and portal systemic shunt in the treatment of portal hypertension. Lu EC, et al. **Acta Acad Med Wuhan** 1984;4(3):152-7

Approach to the spectrum of Budd-Chiari syndrome: which patients require portal decompression? Millikan WJ Jr, et al. **Am J Surg** 1985 Jan;149(1):167-76

Emergency distal splenorenal shunts for variceal hemorrhage refractory to nonoperative control. Potts JR 3d, et al. **Am J Surg** 1984 Dec;148(6):813-6

Results of the Warren operation for portal hypertension. Saubier EC, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jan-Feb;20(1):7-11 **(Eng, Fre)**

Exclusion of nonisolated splenic vein in distal splenorenal shunt for prevention of portal malcirculation. Inokuchi K, et al. **Ann Surg** 1984 Dec;200(6):711-7

Predictability and maintenance of portal flow patterns after small-diameter portacaval H-grafts in man. Rypins EB, et al. **Ann Surg** 1984 Dec;200(6):706-10

Survival of alcoholic v nonalcoholic patients after portasystemic shunts. Brown SL, et al. **Arch Surg** 1984 Nov;119(11):1321-4

Portasystemic shunting remains the procedure of choice for control of variceal hemorrhage. Levine BA, et al. **Arch Surg** 1985 Mar;120(3):296-300

Selective variceal decompression in portal vein thrombosis. Henderson JM, et al. **Br J Surg** 1984 Oct;71(10):745-9

Heparin and lieno-renal shunt patency [letter] Koshy A, et al. **Indian J Gastroenterol** 1985 Jul;4(3):207

Reduction of portal vein pressure with the enlargement of portal-systemic shunts: observation made in one patient. Ohnishi K, et al. **J Clin Gastroenterol** 1984 Oct;6(5):447-51

Successful splenorenal shunt performed during pregnancy. Chattopadhyay TK, et al. **Jpn J Surg** 1984 Sep;14(5):405-6

Mesocaval and distal splenorenal shunts: effect on hepatic function, hepatic hemodynamics, and portal systemic encephalopathy. Herz R, et al. **Klin Wochenschr** 1985 May 2;63(9):409-18

Lack of increase in insulin resistance after portosystemic surgical shunt in patients with cirrhosis [letter] Cavallo-Perin P, et al. **N Engl J Med** 1985 Jun 27;312(26):1709-10

Amino acid changes in regions of the CNS in relation to function in experimental portal-systemic encephalopathy. Giguère JF, et al. **Neurochem Res** 1984 Sep;9(9):1309-21

Management of complications of portal hypertension. Rossi RL, et al. **Surg Clin North Am** 1985 Apr;65(2):231-62

The distal splenorenal shunt: an update. Henderson JM, et al. **World J Surg** 1984 Oct;8(5):722-32 (40 ref.)

Factors influencing survival after distal splenorenal shunt. Zeppa R, et al. **World J Surg** 1984 Oct;8(5):733-7

[Changes in renal excretion of amino acids in patients after portasystemic anastomoses] Nádvorníková H, et al. **Vnitr Lek** 1985 Mar;31(3):276-84 (Eng. Abstr.) **(Cze)**

[Results of portasystemic shunts in cirrhosis in children] Bernard O, et al. **Arch Fr Pediatr** 1985 Mar;42(3):249-53 (Eng. Abstr.) **(Fre)**

[Results of portasystemic shunts in the treatment of the Budd-Chiari syndrome] Franco D, et al. **Gastroenterol Clin Biol** 1984 Oct;8(10):720-4 (Eng. Abstr.) **(Fre)**

[Portal hypertension in children] Valayer J. **Presse Med** 1985 Apr 6;14(14):769-71 **(Fre)**

[Portal perfusion following Warren shunt] Kunath U, et al.

Langenbecks Arch Chir 1984;363(2):121-7 (Eng. Abstr.) **(Ger)**

[Physiopathologic bases for elective intervention in portal hypertension] Picardi N, et al. **Ann Ital Chir** 1984; 56(6):593-604 **(Ita)**

[Inefficacy of porto-systemic derivation for heart decompensation. Alcoholic myocardiopathy] Mosca F, et al. **Minerva Chir** 1984 Jun 15;39(11):883-6 (Eng. Abstr.) **(Ita)**

[Curve of plasma disappearance of bromosulfophthalein after a single injection. Control of cirrhosis patients after elective portosystemic derivation] Zotti S, et al. **Minerva Chir** 1984 Jun 15;39(11):887-96 (Eng. Abstr.) **(Ita)**

[CT evaluation of spleno-renal shunt; detection of patency in distal spleno-renal shunt] Shirato H, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 May 25; 44(5):671-6 (Eng. Abstr.) **(Jpn)**

[Surgical treatment of portal hypertension. Experience with 20 patients] Hurtado Andrade H, et al. **Rev Gastroenterol Mex** 1984 Apr-Jun;49(2):97-104 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Hyperbilirubinemia following distal splenorenal shunt. Vo NM, et al. **Arch Surg** 1985 Mar;120(3):301-5

Effects of porta-systemic shunt on the liver. Animal experiment. Zhang WH, et al. **Chin Med J [Engl]** 1985 Mar;98(3):211-8

Further report of a prospective randomized trial comparing distal splenorenal shunt with end-to-side portacaval shunt. An analysis of encephalopathy, survival, and quality of life. Langer B, et al. **Gastroenterology** 1985 Feb;88(2):424-9

Risk factors in development of liver carcinoma in cirrhosis [letter] Bjørneboe M. **Lancet** 1985 Sep 14;2(8455):611-2

Does a portal-systemic shunt increase the risk of primary hepatic carcinoma in cirrhosis of the liver? Bjørneboe M, et al. **Scand J Gastroenterol** 1985 Jan;20(1):59-64

Degeneration of the corticospinal tract following portosystemic shunt associated with spinal cord infarction. Giangaspero F, et al. **Virchows Arch** [A] 1985;406(4):475-81

[effects of porta-systemic shunts on the liver] Zhang TL, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Jan;23(1):1-5, 61 (Eng. Abstr.) **(Chi)**

[Encephalopathy following portal shunting in nodular regenerative hyperplasia of the liver] Samuel D, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):162-5 (Eng. Abstr.) **(Fre)**

[Abnormal iron metabolism in the special type of hepatocerebral encephalopathy. I. Clinical and pathological findings of four cases of special type of hepatocerebral encephalopathy with hemochromatosis] Saito A. **Seishin Shinkeigaku Zasshi** 1984;86(3):153-66 (Eng. Abstr.) **(Jpn)**

METHODS

Selective variceal decompression: current status and recent advances. Henderson JM, et al. **Adv Surg** 1984;18:81-115 (88 ref.)

The Emory prospective randomized trial: selective versus nonselective shunt to control variceal bleeding. Ten year follow-up. Millikan WJ Jr, et al. **Ann Surg** 1985 Jun; 201(6):712-22

Bilateral gastric venous decompression by a modified Warren shunt. Nagasue N, et al. **Br J Surg** 1985 Mar;72(3):199-201

Oesophageal varices in schistosomiasis: treatment with a modified Warren's distal splenorenal shunt. Aboul-Enein A. **J Cardiovasc Surg (Torino)** 1985 Mar-Apr;26(2):164-7

Intraoperative direct portography to achieve selective distal splenorenal shunt. Nagasue N, et al. **Surg Gynecol Obstet** 1985 Jul;161(1):52-6

The evaluation of mesoatrial shunt patency with computed tomography. Fishman EK, et al. **Surgery** 1985 Jan; 97(1):60-5

Comparative study of selective shunts v.s. nonshunt procedures in the treatment of esophageal varices. Ogawa Y, et al. **Zentralbl Chir** 1985;110(14):870-5

[Indications and results of portal shunt surgery] Kunath U, et al. **Leber Magen Darm** 1985 Jan;15(1):19-25 (Eng. Abstr.) **(Ger)**

[2 cases of Warren's distal splenorenal anastomosis in children with portal hypertension] Malec Z. **Wiad Lek** 1984 May 1;37(9):677-83 (Eng. Abstr.) **(Pol)**

[Splenorenal arterial anastomosis in the treatment of vasorenal hypertension] Pereverzev AS. **Urol Nefrol (Mosk)** 1985 May-Jun;(3):47-50 (Eng. Abstr.) **(Rus)**

PORTOSYSTEMIC SHUNT, SURGICAL see **PORTASYSTEMIC SHUNT, SURGICAL**

PORTRAITS

Neurological disorders of Dr Samuel Johnson. McHenry LC Jr. **J R Soc Med** 1985 Jun;78(6):485-91

Illustrations from the Wellcome Institute Library. Iconography of Dr William Kitchiner (1775?-1827). **Med Hist** 1984 Apr;28(2):202-9

The Thomas Hodgkin portraits: a case of mistaken identity. Kass AM, et al. **Med Hist** 1985 Jul;29(3):259-63

The American Physiological Society photograph collection. Appel T. **Physiologist** 1985 Apr;28(2):88-90

[Portrait drawing in the Auschwitz concentration camp] Szymańska I. **Przegl Lek** 1985;42(1):93-104 **(Pol)**

POSITIVE PRESSURE RESPIRATION

High frequency ventilation and gas diffusion. Chakrabarti MK, et al. **Acta Anaesthesiol Scand** 1984 Oct;28(5):544-8

Lateral positioning with differential lung ventilation and unilateral PEEP following unilateral acid aspiration in the dog. East TD, et al. **Acta Anaesthesiol Scand** 1984 Oct; 28(5):529-34

Continuous positive airway pressure increases vagal and phrenic nerve activity in cats. Norsted T, et al. **Acta Anaesthesiol Scand** 1985 May;29(4):418-23

Normal plasma-urine osmolality relationship in preterm infants on positive pressure mechanical ventilation. Sujov P, et al. **Acta Paediatr Scand** 1985 Jul;74(4):601-3

Continuous positive airway pressure by face mask in acute cardiogenic pulmonary edema. Räsänen J, et al. **Am J Cardiol** 1985 Feb 1;55(4):296-300

Inspiratory muscle resistive training in respiratory failure. Aldrich TK, et al. **Am Rev Respir Dis** 1985 Mar; 131(3):461-2

Influence of lung injury on pulmonary wedge-left atrial pressure correlation during positive end-expiratory pressure ventilation. Hasan FM, et al. **Am Rev Respir Dis** 1985 Feb;131(2):246-50

Distribution of ventilation and perfusion during positive end-expiratory pressure in the adult respiratory distress syndrome. Ralph DD, et al. **Am Rev Respir Dis** 1985 Jan; 131(1):54-60

Nasal airway positive pressure in patients with occlusive sleep apnea. Methods and feasibility. Remmers JE, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1152-5

Volume-controlled high frequency positive pressure ventilation for upper abdominal surgery. A clinical report. Babinski MF, et al. **Anaesthesia** 1985 Jul;40(7):619-23

Controlled ventilation in dental outpatients [letter] Emmanuel ER. **Anaesthesia** 1985 Jul;40(7):715

Prolonged sedation and paralysis in a pregnant patient. Delivery of an infant with a normal Apgar score. Thomas D, et al. **Anaesthesia** 1985 May;40(5):465-7

Optimization of oxygenation by CPAP during one-lung anesthesia using nitrous oxide:oxygen [letter] Baraka A, et al. **Anesth Analg** 1985 Oct;64(10):1036-7

Positive end-expiratory pressure produced by water in the condensation chamber of a CO2 absorber. Hilgenberg JC, et al. **Anesth Analg** 1985 May;64(5):541-3

Differential ventilation and selective positive end-expiratory pressure: effects on patients with acute bilateral lung disease. Baehrendtz S, et al. **Anesthesiology** 1984 Nov; 61(5):511-7

The effect of long-term controlled mechanical ventilation with positive end-expiratory pressure on renal function in dogs. Berry AJ, et al. **Anesthesiology** 1984 Oct;61(4):406-15

A simple device for oxygen insufflation with continuous positive airway pressure during one-lung ventilation [letter] Brown DL, et al. **Anesthesiology** 1984 Oct;61(4):481-2

Regional organ blood flow during high-frequency positive-pressure ventilation (HFPPV) and intermittent positive-pressure ventilation (IPPV). Bunegin L, et al. **Anesthesiology** 1984 Oct;61(4):416-9

Identification of patent foramen ovale during sitting position craniotomy by transesophageal echocardiography with positive airway pressure. Cucchiara RF, et al. **Anesthesiology** 1985 Jul;63(1):107-9

Ventilation and perfusion of each lung during differential ventilation with selective PEEP. Hedenstierna G, et al. **Anesthesiology** 1984 Oct;61(4):369-76

Cerebral venous sinus pressure in seated dogs: impact of PEEP, cervical venous compression, and abdominal compression. Hibino H, et al. **Anesthesiology** 1985 Aug; 63(2):184-9

Renal function during application of positive end-expiratory pressure in swine: effects of hydration. Venus B, et al. **Anesthesiology** 1985 Jun;62(6):765-9

Inspiratory time and tidal volume during intermittent positive pressure ventilation. Field D, et al. **Arch Dis Child** 1985 Mar;60(3):259-61

High and conventional rates of positive pressure ventilation. Field D, et al. **Arch Dis Child** 1984 Dec;59(12):1151-4

Tracheal volume deformation in a developmental rabbit model. Snyder SM, et al. **Biol Neonate** 1984;46(4):192-7

Alteration of arterial gas composition by positive pressure ventilation in the unanesthetized fetal lamb in utero. Willis DM, et al. **Biol Neonate** 1985;47(5):295-304

Accumulation of midazolam after repeated dosage in patients receiving mechanical ventilation in an intensive care unit. Byatt CM, et al. **Br Med J [Clin Res]** 1984 Sep 29; 289(6448):799-800

Constant mean airway pressure with different patterns of positive pressure breathing during the adult respiratory distress syndrome. Gattinoni L, et al. **Bull Eur Physiopathol Respir** 1985 May-Jun;21(3):275-9

Relaxation of tracheomotor tone by PEEP: influence of hypocapnia and acidemia. Byrick RJ. **Can Anaesth Soc J** 1985 Jan;32(1):12-9

Least PEEP: primum non nocere [editorial] Albert RK. **Chest** 1985 Jan;87(1):2-4

Demand and continuous flow intermittent mandatory ventilation systems. Christopher KL, et al. **Chest** 1985 May; 87(5):625-30

IMV systems. Do they make a difference? [editorial] Kacmarek RM, et al. **Chest** 1985 May;87(5):557

National survey of the usage of lung expansion modalities for the prevention and treatment of postoperative atelectasis following abdominal and thoracic surgery. O'Donohue WJ Jr. **Chest** 1985 Jan;87(1):76-80

Acute myocardial infarction complicated by left ventricular dysfunction and respiratory failure. The effects of continuous positive airway pressure. Räsänen J, et al. **Chest** 1985 Feb;87(2):158-62

Best PEEP: a still unsolved problem [letter] Romano E. **Chest** 1985 Apr;87(4):551-2

Nasal CPAP effect on patterns of sleep apnea. Sanders MH. **Chest** 1984 Dec;86(6):839-44

High altitude pulmonary edema and exercise at 4,400 meters on Mount McKinley. Effect of expiratory positive airway pressure. Schoene RB, et al. **Chest** 1985 Mar;87(3):330-3

Prevention of postoperative pulmonary complications with CPAP, incentive spirometry, and conservative therapy. Stock MC, et al. **Chest** 1985 Feb;87(2):151-7

Noninvasive pulmonary blood flow for optimal PEEP. Gedeon A. **Clin Physiol** 1985;5 Suppl 3:49-58

Frequency and percent inspiratory time for high-frequency jet ventilation. Banner MJ, et al. **Crit Care Med** 1985 May; 13(5):395-8

Arterial to end-tidal CO2 gradients during spontaneous breathing, intermittent positive-pressure ventilation and jet ventilation. Capan LM, et al. **Crit Care Med** 1985 Oct; 13(10):810-3

Postextubation hypoxemia treated with a continuous positive airway pressure mask. Dehaven CB Jr, et al. **Crit Care Med** 1985 Jan;13(1):46-8

Relationship between arterial and end-tidal CO2 tensions [letter] Fletcher R. **Crit Care Med** 1985 Jul;13(7):610-1

Effect of high-frequency positive-pressure ventilation on halothane ablation of hypoxic pulmonary vasoconstriction. Hall SM, et al. **Crit Care Med** 1985 Aug;13(8):641-5

Effects of mechanical ventilation on cardiopulmonary function in children after open-heart surgery. Jenkins J, et al. **Crit Care Med** 1985 Feb;13(2):77-80

Effect of positive end-expiratory pressure on venous distension during transvenous interruption of the vena cava. Kudsk KA, et al. **Crit Care Med** 1985 Feb;13(2):135-6

Hemodynamic effects of positive end-expiratory pressure during high-frequency ventilation. Mikhail MS, et al. **Crit Care Med** 1985 Sep;13(9):733-7

Positive-pressure breathing vs. incentive spirometry [letter] Moorthy SS, et al. **Crit Care Med** 1985 May;13(5):448-9

Effect of continuous positive-pressure ventilation on oxygenation after pulmonary microemboli in dogs. Noble WH, et al. **Crit Care Med** 1985 May;13(5):412-6

Left ventricular geometry during positive end-expiratory pressure in dogs. Robotham JL, et al. **Crit Care Med** 1985 Aug;13(8):617-24

Positive end-expiratory pressure may decrease arterial oxygen tension in the presence of a collapsed lung region. Sánchez De León R, et al. **Crit Care Med** 1985 May; 13(5):392-4

Transition phase during hyperventilation therapy for persistent pulmonary hypertension of the neonate. Sosulski R, et al. **Crit Care Med** 1985 Sep;13(9):715-9

Comparison of continuous positive airway pressure, incentive spirometry, and conservative therapy after cardiac operations. Stock MC, et al. **Crit Care Med** 1984 Nov; 12(11):969-72

Review of the status of intermittent positive pressure breathing therapy. Gonzalez ER, et al. **Drug Intell Clin Pharm** 1984 Dec;18(12):974-6 (24 ref.)

Positive end-expiratory pressure. Nunn JF. **Int Anesthesiol Clin** 1984 Winter;22(4):149-64

Respiratory support and renal function. Priebe HJ, et al. **Int Anesthesiol Clin** 1984 Spring;22(1):203-26 (117 ref.)

Multidisciplinary approach to extracorporeal respiratory assist for acute pulmonary failure. Solca M, et al. **Int Surg** 1985 Jan-Mar;70(1):9-11

Inverse ratio ventilation compared with PEEP in adult respiratory failure. Cole AG, et al. **Intensive Care Med** 1984;10(5):227-32

Differential ventilation with selective PEEP in bilateral lung disease. Frostell C, et al. **Intensive Care Med** 1984; 10(5):265-7

Decelerating inspiratory flow waveform improves lung mechanics and gas exchange in patients on intermittent positive-pressure ventilation. Al-Saady N, et al. **Intensive Care Med** 1985;11(2):68-75

Motor responses to positive-pressure breathing in the developing opossum. Farber JP. **J Appl Physiol** 1985 May; 58(5):1489-95

Effects of surfactant supplement and end-expiratory pressure in lung-lavaged rabbits. Kobayashi T, et al. **J Appl Physiol** 1984 Oct;57(4):995-1001

How does positive end-expiratory pressure reduce intrapulmonary shunt in canine pulmonary edema? Malo J, et al. **J Appl Physiol** 1984 Oct;57(4):1002-10

Positive- and negative-pressure breathing in newborn rat before and after anesthesia. Marlot D, et al. **J Appl Physiol** 1984 Nov;57(5):1454-61

Lower body positive pressure vs. dopamine during PEEP in humans. Payen DM, et al. **J Appl Physiol** 1985 Jan; 58(1):77-82

Effect of positive-pressure breathing on cardiovascular and thermoregulatory responses to exercise. Vroman NB, et al. **J Appl Physiol** 1985 Mar;58(3):876-81

Early PEEP in the treatment of a freshwater near-drowning patient. Saenghirunvattana S, et al. **J Med Assoc Thai** 1984 Apr;67(4):258-61

Safe use of PEEP in patients with severe head injury. Cooper KR, et al. **J Neurosurg** 1985 Oct;63(4):552-5

Continuous positive airway pressure selectively reduces obstructive apnea in preterm infants. Miller MJ, et al. **J Pediatr** 1985 Jan;106(1):91-4

Prolonged ventilation in acute severe asthma caused by the Guillain-Barre-Strohl syndrome. Millar AB, et al. **J R Soc Med** 1984 Nov;77(11):965-6

Effect of positive-end expiratory pressure on accuracy of thermal-dye measurements of lung water. Enderson BL, et al. **J Surg Res** 1985 Mar;38(3):224-30

Positive pressure respirations and pneumatic antishock garment application--hemodynamic response. Burchard KW, et al. **J Trauma** 1985 Jan;25(1):83-9

Hemodynamic effects of positive pressure ventilation: vena caval pressure in patients without injuries to the inferior vena cava. Chen FH. **J Trauma** 1985 Apr;25(4):347-9

Cardiovascular effects of mechanical ventilation and positive end-expiratory pressure [letter] L'Hommedieu CS, et al. **JAMA** 1985 Apr 19;253(15):2195-6

Obstructive sleep apnea. Lerner SA, et al. **Kans Med** 1985 May;86(5):152-4, 162-3

Positive airway pressure for high-altitude pulmonary oedema. Larson EB. **Lancet** 1985 Feb 16;1(8425):371-3

The correlation between PEEP and CVP. Al-Shanableh JS. **Middle East J Anaesthesiol** 1985 Feb;8(1):65-9

Treatment of obstructive sleep apnea with continuous positive airway pressure (CPAP) by nasal mask. Wedel MK, et al. **Minn Med** 1984 Oct;67(10):553-4

PEEP to prevent adult respiratory-distress syndrome [letter] **N Engl J Med** 1984 Nov 15;311(20):1321-2

Influence of airway pressure waveform on cardiac output during positive pressure ventilation of healthy newborn dogs. Reller MD, et al. **Pediatr Res** 1985 Apr;19(4):337-41

Effect of positive end-expiratory pressure on the wedge pressure reading [letter] van Eeden SF. **S Afr Med J** 1985 May 25;67(21):837

Severe obstructive sleep apnoea treated with long term nasal continuous positive airway pressure. Frith RW, et al. **Thorax** 1985 Jan;40(1):45-50

[Experience with the Babylog I ventilator in the neonatal intensive care unit] Kredba V, et al. **Cesk Pediatr** 1985 Aug;40(8):474-5 **(Cze)**

[The value of supplementary spontaneous positive and expiratory pressure in the treatment of acute lower respiratory disease in children. A prospective randomized study] Carlsen NL, et al. **Ugeskr Laeger** 1984 Jul 2; 146(27):2012-4 (Eng. Abstr.) **(Dan)**

[Treatment results in 951 newborn infants with IRDS (idiopathic respiratory distress syndrome), especially in relation to artificial respiration from 1967 through 1981] de Kleine MJ, et al. **Tijdschr Kindergeneeskd** 1984 Jun; 52(3):71-81 (Eng. Abstr.) **(Dut)**

[Measurement of intracranial pressure in neurosurgical patients under positive expiratory pressure ventilation] François Y, et al. **Agressologie** 1984 Jun;25(7):801-4 (Eng. Abstr.) **(Fre)**

[Prediction of the increase in functional residual capacity induced by positive expiratory pressure (letter)] Mancebo J, et al. **Ann Fr Anesth Reanim** 1984;3(6):468-9 **(Fre)**

[High-frequency ventilation in thoracic surgery] Giunta F, et al. **Cah Anesthesiol** 1984 Jan-Feb;32(1):39-40 **(Fre)**

[Noninvasive monitoring with echocardiography. I. Ventricular function following thiopental and positive pressure breathing] Bergmann H Jr, et al. **Anaesthesist** 1984 Aug;33(8):366-73 (Eng. Abstr.) **(Ger)**

[A new weaning procedure (inspiratory flow assistance)] Hansen J, et al. **Anaesthesist** 1984 Sep;33(9):428-32 (Eng. Abstr.) **(Ger)**

[Hemodynamics in right heart damage under continuous positive pressure respiration. An experimental study of the open thorax] Metzler H. **Anaesthesist** 1985 Feb;34(2):72-8 (Eng. Abstr.) **(Ger)**

[Pulmonary function during a 10-day successful extracorporeal CO2 elimination in acute respiratory failure. Case report] Thies WR, et al. **Anaesthesist** 1985 Apr; 34(4):197-202 (Eng. Abstr.) **(Ger)**

[Evaluation of the effects of ambroxol in the surgical preparation of patients with bronchopulmonary disorders. Administration during intermittent positive pressure ventilation] Minuto A, et al. **Clin Ter** 1984 Dec 31; 111(6):521-30 (Eng. Abstr.) **(Ita)**

[The effect of positive end-expiratory pressure on cerebral circulation following total cerebral ischemia] Watanabe T. **Masui** 1984 Aug;33(8):846-52 (Eng. Abstr.) **(Jpn)**

[Effect of positive expiratory pressure on gas exchange in dogs with pulmonary edema due to increase of microvascular permeability] Fernandes AL, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Mar-Apr; 39(2):57-62 (Eng. Abstr.) **(Por)**

[Effect of artificial pulmonary ventilation with end-expiratory positive pressure on the right and left sides of the heart in patients following the radical correction of tetralogy of Fallot] Tskhovrebov SV, et al. **Anesteziol Reanimatol** 1985 Mar-Apr;(2):45-9 (Eng. Abstr.) **(Rus)**

[Structure of the respiratory cycle in excessive intrapulmonary pressure and different oxygen levels of respiratory mixtures] Breslav IS, et al. **Fiziol Cheloveka** 1985 Mar-Apr;11(2):262-5 **(Rus)**

ADVERSE EFFECTS

Diuresis and urine concentration during CPAP in newborn infants. Svenningsen NW, et al. **Acta Paediatr Scand** 1984 Nov;73(6):727-32

Tension ball valve mucus plug in asthma. Niederman MS, et al. **Am J Med** 1985 Jul;79(1):131-4

Gastric barotrauma: a case report and theoretical considerations. Barker SJ, et al. **Anesth Analg** 1985 Oct; 64(10):1026-8

Lung water increases with fluid administration during CPPV after pulmonary microembolization. Noble WH, et al. **Anesthesiology** 1984 Dec;61(6):703-7

Subconjunctival emphysema as a complication of PEEP. Lee TS, et al. **Ann Ophthalmol** 1980 Sep;12(9):1080-1

Pulmonary interstitial emphysema [letter] Rose SJ. **Arch Dis Child** 1985 Mar;60(3):287-8

Subconjunctival emphysema associated with mechanical ventilation [letter] Seiff SR, et al. **Arch Ophthalmol** 1985 Sep;103(9):1277-8

Barotrauma and hypotension resulting from jet ventilation in critically ill patients. Egol A, et al. **Chest** 1985 Jul; 88(1):98-102

Conjunctivitis from nasal CPAP apparatus [letter] Stauffer JL, et al. **Chest** 1984 Nov;86(5):802

Pneumopericardium during continuous positive airway pressure in respiratory distress syndrome. Alpan G, et al. **Crit Care Med** 1984 Dec;12(12):1080-1

Bronchiolectasis caused by positive end-expiratory pressure. Navaratnarajah M, et al. **Crit Care Med** 1984 Dec; 12(12):1036-8

Pneumothorax during positive-pressure mechanical ventilation. Bitto T, et al. **J Thorac Cardiovasc Surg** 1985 Apr;89(4):585-91

[Pneumomediastinum and subcutaneous emphysema after translaryngeal jet ventilation] Bourreli B, et al. **Ann Fr Anesth Reanim** 1984;3(5):377-9 (Eng. Abstr.) **(Fre)**

[Spontaneous pneumoperitoneum and mechanical ventilation (letter)] Caballero Plasencia AM, et al. **Med Clin (Barc)** 1985 Apr 20;84(15):632-3 **(Spa)**

INSTRUMENTATION

Development and evaluation of a flow-dividing unit for differential ventilation and selective PEEP. Darowski M, et al. **Acta Anaesthesiol Scand** 1985 Jan;29(1):61-6

Distribution of expiratory gas and rebreathing in a T-piece modification combined with a PEEP valve. Hartmann-Andersen F, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):671-6

Easy adjustment modification of Monaghan M-250/Ohio M-560 ventilator for facile use with intermittent mandatory ventilation, continuous positive pressure breathing, and nitrogen washout. Nyffeler W, et al. **Acute Care** 1983-84; 10(1):43-6

The CPAP mask. A comfortable approach to ARDS. Domigan-Wentz J. **Am J Nurs** 1985 Jul;85(7):813-5

Flow resistance of exhalation valves and positive end-expiratory pressure devices used in mechanical ventilation. Marini JJ, et al. **Am Rev Respir Dis** 1985 Jun; 131(6):850-4

A pediatric face mask can be a useful aid in lung ventilation on postlaryngectomy patients [letter] Aghdami A, et al. **Anesthesiology** 1985 Sep;63(3):335

PEEP and the Mapleson D circuit [letter] Arandia HY, et al. **Anesthesiology** 1985 Jun;62(6):846

A manometer to measure demand valve reference pressure [letter] Banner MJ, et al. **Anesthesiology** 1985 Mar;62(3):369

Simple system for portable positive end-expiratory pressure [letter] Page A, et al. **Anesthesiology** 1985 May;62(5):698-9

Influence of mask design on bag-mask ventilation. Stewart RD, et al. **Ann Emerg Med** 1985 May;14(5):403-6

Rebreathing bag rupture [letter] Anagnostou JM, et al. **Crit Care Med** 1985 Mar;13(3):212

The effect of a positive end-expiratory pressure adapter on oxygenation during endotracheal suctioning. Douglas S, et al. **Heart Lung** 1985 Jul;14(4):396-400

Tracheal suctioning and ventilator tubing changes in adult respiratory distress syndrome: use of a positive end-expiratory pressure valve. Schumann L, et al. **Heart Lung** 1985 Jul;14(4):362-7

Functional evaluation of a CPAP circuit with a high compliance reservoir bag. Braschi A, et al. **Intensive Care Med** 1985;11(2):85-9

The importance of the circuit capacity in the administration of CPAP [letter] Mascheroni D, et al. **Intensive Care Med** 1985;11(3):164-5

Nasotracheal intubation versus tracheostomy for intermittent positive pressure ventilation in neonatal tetanus. Pather M, et al. **Intensive Care Med** 1985;11(1):30-2

The importance of the circuit capacity in the administration of CPAP. Roeseler J, et al. **Intensive Care Med** 1984; 10(6):305-8

High-flow catheter ventilation during major tracheobronchial reconstruction. McClish A, et al. **J Thorac Cardiovasc Surg** 1985 Apr;89(4):508-12

What advantages/disadvantages do high-frequency ventilator have over the more conventional methods of ventilating injured patients? Sjöstrand UH. **J Trauma** 1984 Sep;24(9 Suppl):S56-64

Automatic jet injector for ventilation of children anesthetized by the T-piece circuit. Baraka A, et al. **Middle East J Anaesthesiol** 1984 Feb;7(4):255-9

[Nasal cannula, a simple, not very cumbersome, and efficacious means to induce a positive expiratory pressure in neonatology] Mettey R, et al. **Med Trop (Mars)** 1985 Jan-Mar;45(1):87-90 (Eng. Abstr.) **(Fre)**

[Respiratory controlled intermittent inspiratory pleural drainage--a method for handling life threatening bronchopleural fistulas] Gramm HJ, et al. **Anaesthesist** 1984 Oct;33(10):507-10 (Eng. Abstr.) **(Ger)**

METHODS

Effect of selective PEEP on pulmonary blood flow following unilateral hydrochloric acid aspiration in the dog. Takasaki M, et al. **Acta Anaesthesiol Scand** 1985 May;29(4):400-4

High frequency jet ventilation. Fromme LR, et al. **Am J Nurs** 1984 Nov;84(11):1380-3

Inability to titrate PEEP in patients with acute respiratory failure using end-tidal carbon dioxide measurements. Jardin F, et al. **Anesthesiology** 1985 Apr;62(4):530-3

All positive airway pressures are not created equal! [editorial] Mathru M, et al. **Chest** 1985 Feb;87(2):137-8

Prevention of gastric inflation during mask ventilation in newborn infants. Admani M, et al. **Crit Care Med** 1985 Jul;13(7):592-3

Lateral position improves wedge-left atrial pressure correlation during positive-pressure ventilation. Hasan FM, et al. **Crit Care Med** 1984 Nov;12(11):960-4

Pulmonary function before and after prolonged continuous positive airway pressure by mask. Stock MC, et al. **Crit Care Med** 1984 Nov;12(11):973-4

Differential ventilation in bilateral lung disease. Hedenstierna G. **Eur J Anaesthesiol** 1985 Mar;2(1):1-10

Alternative modes of ventilation. Part II. High and low frequency positive pressure ventilation PEEP, CPAP inversed ratio ventilation. Willatts SM. **Intensive Care Med** 1985;11(3):115-22 (69 ref.)

Mechanical ventilatory support. Cane RD, et al. **JAMA** 1985 Jul 5;254(1):87-92

Use of high frequency jet ventilation during mechanical hyperventilation to reduce intracranial pressure in patients with multiple organ system injury. Hurst JM, et al. **Neurosurgery** 1984 Oct;15(4):530-4

Short-term asynchronous ventilation and differential positive end-expiratory pressure in the treatment of aspiration pneumonia. A case report. van Renen RG, et al. **S Afr Med J** 1985 Jan 19;67(3):96-8

Treatment of obstructive sleep apnea syndrome with nasal continuous positive airway pressure. McEvoy RD, et al. **Sleep** 1984;7(4):313-25

Adult respiratory distress syndrome: improved oxygenation during high-frequency jet ventilation/continuous positive airway pressure. Hurst JM, et al. **Surgery** 1984 Oct; 96(4):764-9

High frequency ventilation. Sykes MK. **Thorax** 1985 Mar; 40(3):161-5

[The use of new ventilation modalities in the treatment of severe thoracic injuries] Hoang PT, et al. **Ann Chir** 1983 Oct;37(7):551-3 (Eng. Abstr.) **(Fre)**

[Modification of a continuous positive airway pressure in view of its use in postoperative resuscitation in cardiovascular and thoracic surgery] Quintin L, et al. **Cah Anesthesiol** 1984 Oct;32(6):469-72 (Eng. Abstr.) **(Fre)**

[Sleep apnea syndromes. Treatment with continuous positive pressure by the nasal route] Krieger J, et al. **Presse Med** 1984 Nov 24;13(42):2559-62 (Eng. Abstr.) **(Fre)**

[Continuous positive pressure in the treatment of sleep apnea syndromes] Krieger J, et al. **Presse Med** 1984 Dec 15; 13(45):2761-2 (Eng. Abstr.) **(Fre)**

[Control of spontaneous respiration with continuous positive airway pressure using transthoracic electrical impedance. Studies in subjects with healthy lungs] Duma S, et al. **Anaesthesist** 1984 Nov;33(11):552-9 (Eng. Abstr.) **(Ger)**

[High-frequency ventilation] Széll K. **Orv Hetil** 1985 Jan 6;126(1):25-8 (Eng. Abstr.) **(Hun)**

[Evaluation of the treatment of respiratory insufficiency in newborn infants by mechanical ventilation] Grzywna W, et al. **Pediatr Pol** 1984 Jun;59(6):471-7 (Eng. Abstr.) **(Pol)**

[Long-term extracorporeal membrane oxygenation in children with acute respiratory insufficiency] Borodachev AV, et al. **Anesteziol Reanimatol** 1985 Jan-Feb;(1):62-5 (24 ref.) **(Rus)**

[Method of spontaneous positive pressure breathing in the treatment of acute respiratory insufficiency in the children's department of the central district hospital] Ivanov LN. **Pediatriia** 1984 Aug;(8):56-7 **(Rus)**

POSITIVE REINFORCEMENT see **REINFORCEMENT (PSYCHOLOGY)**

POSITRONS see **ELECTRONS**

POST AND CORE TECHNIC see under **CROWNS**

POST-TRANSCRIPTIONAL RNA MODIFICATION see **RNA PROCESSING, POST-TRANSCRIPTIONAL**

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POST-TRAUMATIC STRESS DISORDERS see **STRESS DISORDERS, POST-TRAUMATIC**

POSTAGE STAMPS see **PHILATELY**

POSTAL SERVICE

[Morbidity rate among representatives of different professional groups in the postal service] Kuchma VR, et al. **Sov Zdravookhr** 1985;(4):39-41 **(Rus)**

STANDARDS

[Substantiation of measures for improving working conditions of postal workers] Kuchma VR. **Gig Sanit** 1984 Dec;(12):57-9 **(Rus)**

POSTCOITAL CONTRACEPTIVES see **CONTRACEPTIVES, POSTCOITAL**

POSTENCEPHALITIC PARKINSONISM see **PARKINSON DISEASE, POSTENCEPHALITIC**

POSTGASTRECTOMY SYNDROMES

[Alkaline reflux after gastric resection using the Billroth II method] Tinozzi S, et al. **Chir Ital** 1983 Dec;35(6):843-50 (Eng. Abstr.) **(Ita)**

[Etiopathogenetic factors in postoperative peptic ulcer] Vecchi R, et al. **Minerva Chir** 1985 Mar 31;40(6):313-7 (Eng. Abstr.) **(Ita)**

BLOOD

Endocrine profile in rats with postgastrectomy malabsorption: a pilot study. Kishimoto S, et al. **Hiroshima J Med Sci** 1985 Jun;34(2):209-13

CLASSIFICATION

[The clinical evaluation of patients with stomach surgery] Muller C, et al. **Helv Chir Acta** 1985 Jan;51(6):709-14 (Eng. Abstr.) **(Ger)**

COMPLICATIONS

Postgastrectomy blind loop syndrome and the arthritis-dermatitis syndrome. Klinkhoff AV, et al. **Arthritis Rheum** 1985 Feb;28(2):214-7

DIAGNOSIS

Dietary habits and eating related symptoms in out-patients following total gastrectomy and Roux-en-Y reconstruction for carcinoma of the stomach. Harju E. **Anticancer Res** 1985 May-Jun;5(3):277-9

The symptomatic post-surgical stomach--an endoscopic review. Gibbins FJ, et al. **Gerontology** 1985;31(3):174-7

The detection of post-gastrectomy deficiency syndromes in general practice. Richardson MJ. **J R Coll Gen Pract** 1985 Jan;35(270):35-6

[Diagnosis and treatment of postresection reflux gastritis] Utkin VV, et al. **Vestn Khir** 1985 Apr;134(4):37-40 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Vitamin B12 deficiency after gastric surgery [letter] Lebow R, et al. **Ann Intern Med** 1985 Jan;102(1):139

[Risk of ulcer in Billroth I interposition] Schumpelick V, et al. **Zentralbl Chir** 1984;109(18):1188-96 (Eng. Abstr.) **(Ger)**

[Gastric stump cancer after distal resection] Tomaszewska R. **Patol Pol** 1984 Jan-Mar;35(1):1-9 **(Pol)**

[Comparative evaluation of late results of partial gastrectomy by the Rydygier and Billroth II methods in the treatment of peptic ulcer] Suchorski H. **Wiad Lek** 1984 Dec 1;37(23):1841-5 (Eng. Abstr.) **(Pol)**

[Post-vagotomy syndromes (review of the literature)] Pomelov VS, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):134-9 (39 ref.) **(Rus)**

[Ligatures of gastrointestinal anastomoses and their role in postgastrectomy diseases] Volynskii MA, et al. **Vestn Khir** 1984 Aug;133(8):22-5 (Eng. Abstr.) **(Rus)**

[Post-gastrectomy syndromes] Lira MA, et al. **Rev Gastroenterol Mex** 1984 Jul-Sep;49(3):197-201 (Eng. Abstr.) **(Spa)**

METABOLISM

[Morphofunctional changes in the endocrine system of the pancreas after surgical procedures on the stomach] Adamenko IA. **Khirurgiia (Mosk)** 1984 Sep;(9):53-6 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Cell proliferation kinetics in the gastric remnant. Offerhaus GJ, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):73-9

[Systemic morphological characteristics of the digestive organs in peptic ulcer and postgastrectomy complications] Pruglo IuV. **Klin Khir** 1984 Aug;(8):11-5 (Eng. Abstr.) **(Rus)**

[Syndrome of digestive and absorptive insufficiency after the surgical treatment of duodenal peptic ulcer] Voronich MV. **Klin Khir** 1984 Nov;(11):65-6 **(Rus)**

PREVENTION & CONTROL

[Vertical gastro-reservoir anastomosis in the surgical treatment of cancer of the distal portion of the stomach] Patiutko IuI, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):103-6 **(Rus)**

[Isoantiperistaltic jejunogastroplasty during gastrectomy] Poliakov MA. **Khirurgiia (Mosk)** 1984 Dec;(12):101-4 **(Rus)**

[Prevention and treatment of reflux esophagitis following gastrectomy in stomach cancer patients] Chernyĭ VA, et al. **Klin Khir** 1985 May;(5):17-20 (Eng. Abstr.) **(Rus)**

SURGERY

[An antiperistaltic duodenojejunal pouch in the reconstruction of digestive transit after subtotal and total gastrectomy and in the postgastrectomy syndrome. Results] Safatle NF. **Arq Gastroenterol** 1984 Oct-Dec;21(4):172-82 (Eng. Abstr.) **(Por)**

[Antiperistaltic duodenojejunal pouch in the reconstruction of digestive transit after subtotal, total gastrectomy and in the postgastrectomy syndrome. Technic] Safatle NF. **Arq Gastroenterol** 1984 Apr-Jun;21(2):59-67 (Eng. Abstr.) **(Por)**

THERAPY

Balloon catheter dilation of postoperative gastric outlet stenosis. Solt J, et al. **Gastrointest Endosc** 1984 Dec;30(6):359-61

POSTIMPLANTATION PHASE

Maternal transferrin uptake by and transfer across the visceral yolk sac of the early postimplantation rat conceptus in vitro. Huxham IM, et al. **Dev Biol** 1985 Jul;110(1):75-83

Proteolytic activity in the placenta, decidua and postimplantation embryos of the rat. Fein A, et al. **Isr J Med Sci** 1985 Apr;21(4):394-6

Interchromatin granules in the dividing embryonic ectoderm cells of postimplantation rat embryos: an electron microscopic silver-staining study. Takeuchi IK, et al. **J Electron Microsc (Tokyo)** 1984;33(2):151-9

POSTMORTEM CHANGES

Subscleral hemorrhage [letter] Di Maio VJ. **Am J Forensic Med Pathol** 1985 Mar;6(1):95

Fluidity of cadaveric blood after sudden death: Part II. Mechanism of release of plasminogen activator from blood vessels. Takeichi S, et al. **Am J Forensic Med Pathol** 1985 Mar;6(1):25-9

Temporal changes after death in primate diaphragm muscle oxidative enzyme activity. Maxwell LC, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1147-51

Postmortem changes of uric acid in various rat tissues: determination of uric acid by reversed-phase high-performance liquid chromatography with electrochemical detection. Aoki T, et al. **Anal Biochem** 1984 Nov 15;143(1):113-8

The effects of post-mortem changes and calcium depletion on the ultrastructure of myocardial cells in a teleost. Leknes IL. **Anat Anz** 1984;157(3):221-5

The diagnostic value of glycated haemoglobin levels in post-mortem blood. Hindle EJ, et al. **Ann Clin Biochem** 1985 Mar;22 (Pt 2):144-7

Effect of post-mortem time on the biochemical composition of coronary arteries. Ylä-Herttuala S, et al. **Atherosclerosis** 1985 Jul;56(1):1-10

Microscopic postmortem changes in kidneys of the domestic fowl. Alejandro VS, et al. **Avian Dis** 1984 Jul-Sep;28(3):586-607

Mechanism of postmortem autolysis of skeletal muscle. Takeichi S, et al. **Biochem Med** 1984 Dec;32(3):341-8

Rapid post-mortem decomposition of the somatostatin cells in human brain. An immunohistochemical examination. Sorensen KV. **Biomed Pharmacother** 1984;38(9-10):458-61

Postmortem changes in liver weight of Japanese quail. Franson JC. **Bull Environ Contam Toxicol** 1984 Sep;33(3):313-6

Proteins in normal, irradiated, and postmortem human brain quantitatively compared by using two-dimensional gel electrophoresis. Narayan RK, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1989-95

The biochemistry of vitreous humour. A comparative study of the potassium, sodium and urate concentrations in the eyes at identical time intervals after death. Balasooriya BA, et al. **Forensic Sci Int** 1984 Oct;26(2):85-91

The biochemical changes in pericardial fluid after death. An investigation of the relationship between the time since death and the rise or fall in electrolyte and enzyme concentrations and their possible usefulness in determining the time of death. Balasooriya BA, et al. **Forensic Sci Int** 1984 Oct;26(2):93-102

Postmortem interval estimation from body temperature data only. Green MA, et al. **Forensic Sci Int** 1985 May;28(1):35-46

The theoretical aspects of the time dependent Z equation as a means of postmortem interval estimation using body temperature data only. Green MA, et al. **Forensic Sci Int** 1985 May;28(1):53-62

Studies on the estimation of postmortem time: an application of interactive image analysis system. Yoshimoto K, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):615-8

Clinical relevance of postmortem microbiologic examination: a review. du Moulin GC, et al. **Hum Pathol** 1985 Jun;16(6):539-48 (117 ref.)

Body temperature is elevated in the early postmortem period. Hutchins GM. **Hum Pathol** 1985 Jun;16(6):560-1

Distinction between antemortem & post mortem wounds by histochemical methods. Bhusale RG, et al. **Indian J Pathol Microbiol** 1984 Oct;27(4):299-307

Factors affecting massive postmortem bronchoconstriction in guinea pig lungs. Lai YL, et al. **J Appl Physiol** 1984 Sep;57(3):692-7

Postmortem redistribution of digoxin in rats. Koren G, et al. **J Forensic Sci** 1985 Jan;30(1):92-6

Postmortem methemoglobin concentrations and their significance. Reay DT, et al. **J Forensic Sci** 1984 Oct;29(4):1160-3

Decomposition of buried bodies and methods that may aid in their location. Rodriguez WC 3d, et al. **J Forensic Sci** 1985 Jul;30(3):836-52

The stability of some drugs and poisons in putrefying human liver tissues. Stevens HM. **J Forensic Sci Soc** 1984 Nov-Dec;24(6):577-89

Quantitative analysis of postmortem changes in myocardial norepinephrine using HPLC with electrochemical detection. Pierpont GL, et al. **J Lab Clin Med** 1984 Nov;104(5):678-84

Amino acid transport by synaptosomes isolated from post mortem human brain. Hardy JA, et al. **J Neural Transm** 1984;60(1):57-62

Postmortem changes in catecholamines, indoleamines, and their metabolites in rat brain regions: prevention with 10-kW microwave irradiation. Ikarashi Y, et al. **J Neurochem** 1985 Sep;45(3):935-9

Stability of immunocytochemical reactivity of neuronal substances following delayed fixation. Gu J, et al. **J Neurosci Methods** 1985 Feb;12(4):297-302

Catecholamine, adenosine triphosphate, and P-creatine levels in decapitated whole mouse brain. Corder CN, et al. **J Pharmacol Methods** 1985 Feb;13(1):37-42

Mode of death and post-mortem time effects on 3,3',5-triiodothyronine levels--relevance to elevated post-mortem T3 levels in SIDS. Chacon MA, et al. **Life Sci** 1984 Nov 26;35(22):2219-25

Mode of death effect on rat liver iodothyronine 5' deiodinase activity: role of adenosine 3',5' monophosphate. Zenker N, et al. **Life Sci** 1984 Nov 26;35(22):2213-7

Studies of gamma-glutamyltransferase activity in the brain tissue post mortem. Veselý J, et al. **Neurochem Res** 1984 Jul;9(7):917-25

Optical rotation of 10-hydroxy fatty acids in human adipocere. Takatori T, et al. **Nippon Hoigaku Zasshi** 1984 Dec;38(6):785-6

On the production of hydroxy fatty acids and fatty acid oligomers in the course of adipocere formation. Tomita K. **Nippon Hoigaku Zasshi** 1984 Jun;38(3):257-72

Postmortem changes in the concentrations of cyanide and thiocyanate. Yamamoto K, et al. **Nippon Hoigaku Zasshi** 1984 Jun;38(3):289-93

Post mortem changes in skeletal muscle proton spin-lattice relaxation times. Cameron IL, et al. **Physiol Chem Phys Med NMR** 1984;16(4):351-4

Post mortem urea levels in aqueous humour as a reliable indicator of ante mortem uraemia. Palmer DG, et al. **Vet Rec** 1985 Apr 13;116(15):411-2

[Changes in the UV spectrum of the vitreous body in relation to the time of death] Gregora Z. **Soud Lek** 1985 May;30(2):17-20 (Eng. Abstr.) **(Cze)**

[Examples of signs of biogenic decomposition in bones long buried] Piepenbrink H. **Anthropol Anz** 1984 Dec;42(4):241-51 (Eng. Abstr.) **(Ger)**

[Determination of time of death by rectal temperature. Mathematical analysis of empirical material versus thermodynamic modeling. A critical case presentation] Henssge C, et al. **Arch Kriminol** 1984 Sep-Oct;174(3-4):96-112 **(Ger)**

[Status of disintegration and forensic value of empty fly pupae] Reiter C, et al. **Arch Kriminol** 1985 Jan-Feb;175(1-2):47-56 **(Ger)**

[The alcohol concentration in stomach and intestinal contents and its influence on postmortem diffusion] Iffland R, et al. **Blutalkohol** 1984 Jul;21(4):347-62 (Eng. Abstr.) **(Ger)**

[Toxicologic survey of findings in putrefied corpses. Corpse putrefaction in air] Arnold D, et al. **Z Rechtsmed** 1984;93(3):151-64 (Eng. Abstr.) **(Ger)**

[Effects of fauna on cadavers and microbial saprophytes on blood group findings on human tissues] Bertozzi-Süssmann B, et al. **Z Rechtsmed** 1985;94(3):227-35 (Eng. Abstr.) **(Ger)**

[Cessation of livor in defined pressure conditions] Fechner G, et al. **Z Rechtsmed** 1984;93(4):283-7 (Eng. Abstr.) **(Ger)**

[Supravital electrical excitability of muscles] Henssge C, et al. **Z Rechtsmed** 1984;93(3):165-74 (Eng. Abstr.) **(Ger)**

[Immunoenzyme demonstration of isoantigens A, B and H in kidney tissue changed by putrefaction] Pedal I, et al. **Z Rechtsmed** 1985;94(1):9-20 (Eng. Abstr.) **(Ger)**

[A study on postmortem changes of triglycerides in adipose tissues] Majima M. **Nippon Hoigaku Zasshi** 1984 Jun;

38(3):337–66 (Eng. Abstr.) **(Jpn)**

[Tracheal ciliary movement as a supravital reaction] Nakasono I, et al. **Nippon Hoigaku Zasshi** 1985 Feb; 39(1):41–6 (Eng. Abstr.) **(Jpn)**

[Black larder beetles (Dermestes ater Degeer) and their pupal shells in a mummy with reference to the postmortem interval] Shibata M, et al. **Nippon Hoigaku Zasshi** 1984 Aug;38(4):445–53 (Eng. Abstr.) **(Jpn)**

[Electron microscopic study of postmortem fibrinolysis] Senianskaia NL. **Arkh Patol** 1985;47(2):58–65 (Eng. Abstr.) **(Rus)**

[Postmortem changes in human teeth and their significance for the determination of different periods of interment] Garazha NN. **Sud Med Ekspert** 1984 Jul–Sep;27(3):18–20 (Eng. Abstr.) **(Rus)**

[Postmortem changes in the thiamine content of the brain, liver and small intestine wall] Novoselov VP, et al. **Sud Med Ekspert** 1985 Jan–Mar;28(1):14–6 (Eng. Abstr.) **(Rus)**

[Postmortem changes in serum potassium and sodium levels of persons who died of combined injuries of the head, trunk and limbs] Teterchev VV. **Sud Med Ekspert** 1984 Jul–Sep; 27(3):16–7 (Eng. Abstr.) **(Rus)**

[Process of ethanol formation in the late postmortem period] Tomilin VV, et al. **Sud Med Ekspert** 1985 Jan–Mar; 28(1):33–5 (Eng. Abstr.) **(Rus)**

[Changes in the ethanol concentration in the organs of carcasses buried in the summer] Tomilin VV, et al. **Sud Med Ekspert** 1984 Jul–Sep;27(3):26–8 (Eng. Abstr.) **(Rus)**

[Separation of the bones of the skull along their suture lines during putrefaction of a cadaver] Zhukov AA. **Sud Med Ekspert** 1984 Oct–Dec;27(4):52 **(Rus)**

METABOLISM

Relative postmortem stability of spinal motoneuronal proteins detectable by two-dimensional electrophoresis. Brock TO, et al. **Neurochem Pathol** 1985 Spring;3(1):1–14

PATHOLOGY

Ultrastructural and ultrahistochemical studies of post-mortem changes and effects of hypoxia in the bony fish heart. Leknes IL. **J Submicrosc Cytol** 1985 Apr; 17(2):223–8

POSTNATAL CARE

Mothers' use of knowledge during the first postpartum weeks. Bull M, et al. **J Obstet Gynecol Neonatal Nurs** 1985 Jul–Aug;14(4):315–20

METHODS

Early postpartum discharge. Jansson P. **Am J Nurs** 1985 May; 85(5):547–50

POSTNIDATION PHASE see **POSTIMPLANTATION PHASE**

POSTOPERATIVE CARE

Effect of ibuprofen on heterotopic ossification after hip replacement. Elmstedt E, et al. **Acta Orthop Scand** 1985 Feb;56(1):25–7

Medical committee enforcement of policy limiting postsurgical antibiotic use. Nickman NA, et al. **Am J Hosp Pharm** 1984 Oct;41(10):2053–6

Water-soluble radiocontrast material in the treatment of postoperative ileus. Watkins DT, et al. **Am J Obstet Gynecol** 1985 Jun 15;152(4):450–5

Epidural buprenorphine for postoperative pain relief [letter] Murphy DF, et al. **Anesth Analg** 1985 Apr;64(4):456–7

Is routine postoperative nasogastric decompression really necessary? Bauer JJ, et al. **Ann Surg** 1985 Feb;201(2):233–6

Peripheral vascular surgery. Postoperative assessment. Pairitz D. **AORN J** 1984 Nov;40(5):712–5

Chest physical therapy: comparative efficacy of preoperative and postoperative in the elderly. Castillo R, et al. **Arch Phys Med Rehabil** 1985 Jun;66(6):376–9

Care of infants having cardiac surgery. Behrendt DM. **Arq Bras Cardiol** 1984 May;42(5):367–72

Leg support for the postoperative protection of the heel in patients with diabetes mellitus. Delbridge L, et al. **Br J Surg** 1985 Feb;72(2):87

The meatal problem with TUR prostate: the value of post-operative self-dilatation. Walton JK, et al. **Br J Urol** 1984 Apr;56(2):202–7

Sleep in the surgical intensive care unit: continuous polygraphic recording of sleep in nine patients receiving postoperative care. Aurell J, et al. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1029–32

Combined preoperative and postoperative radiation for bladder cancer. Results of RTOG/Jefferson Study. Mohiuddin M, et al. **Cancer** 1985 Mar 1;55(5):963–6

Intravenous digital subtraction aortography in the preoperative and postoperative evaluation of Marfan's aortic disease. Detrano R, et al. **Chest** 1985 Aug; 88(2):249–53

Determination of 3 methyl-L-histidine in human urine by ion exchange high performance liquid chromatography. Applications to patients in post-operative surgical care. Robert JC, et al. **Clin Chim Acta** 1984 Sep 29;142(2):161–81

Evaluation of the effectiveness of DDAVP in surgery and in bleeding episodes in haemophilia and von Willebrand's disease. A study on 43 patients. Mariana G, et al. **Clin Lab Haematol** 1984;6(3):229–38

Early extubation after surgical repair of congenital heart disease. Heard GG, et al. **Crit Care Med** 1985 Oct; 13(10):830–2

Cardiac transplantation: indications, procurement, operation, and management. Painvin GA, et al. **Heart Lung** 1985 Sep; 14(5):484–9

A randomized controlled trial of a new approach to preoperative teaching and patient compliance. Wong J, et al. **Int J Nurs Stud** 1985;22(2):105–15

Postoperative management following digital surgery. Fenton CF 3d. **J Am Podiatr Med Assoc** 1985 Jan;75(1):36–41

Post-surgical effect of pulsed shortwave therapy. Santiesteban AJ, et al. **J Am Podiatr Med Assoc** 1985 Jun; 75(6):306–9

Prostaglandin inhibition and the rate of recovery after arthroscopic meniscectomy. A randomised double-blind prospective study. Ogilvie-Harris DJ, et al. **J Bone Joint Surg [Br]** 1985 Aug;67(4):567–71

Use of a nasopharyngeal airway as an aid to easy recovery after nasal surgery. Babington P, et al. **J Laryngol Otol** 1985 Apr;99(4):399

Documentation and postoperative management. Avery JK. **J Tenn Med Assoc** 1984 Oct;77(10):601–2

The risk-benefit of autotransfusion [letter] Olivero S, et al. **J Trauma** 1985 May;25(5):466

Energy intake can determine albumin synthesis in man after surgery. Skillman JJ, et al. **Surgery** 1985 Mar;97(3):271–7

Early post operative management following meniscectomy. Green AD, et al. **Ulster Med J** 1983;52(2):167–9

[Pre- and postoperative care of patients with scoliosis] Lu FL, et al. **Chung Hua Hu Li Tsa Chih** 1985 Feb;20(1):25–6 **(Chi)**

[Movements of surgical patients confined to bed] Zhang W. **Chung Hua Hu Li Tsa Chih** 1984 Oct;19(5):293–6 **(Chi)**

[The role of the hepatologist in preoperative preparation and postoperative care of patients with liver diseases] Brodanová M. **Rozhl Chir** 1984 Dec;63(12):839–44 (Eng. Abstr.) **(Cze)**

[Long-term experience with intra-aortic balloon counterpulsation] Fabián J, et al. **Vnitr Lek** 1985 Mar; 31(3):247–51 (Eng. Abstr.) **(Cze)**

[Hypocaloric nutrition or strict protein intake in the postoperative period] Sibille JP, et al. **Cah Anesthesiol** 1984 Dec;32(8):617–26 (Eng. Abstr.) **(Fre)**

[Intensive care of abdominal aortic aneurysms] Jaspar N, et al. **Rev Med Brux** 1985 Feb;6(2):107–8 (Eng. Abstr.) **(Fre)**

[Prophylactic immunoglobulin administration after major gastric resections. A prospective randomized study] Grundmann R, et al. **Dtsch Med Wochenschr** 1985 Apr 4;110(14):529–33 (Eng. Abstr.) **(Ger)**

[Perioperative management of hypertrophic obstructive cardiomyopathy by using continuous propranolol infusion] Noguchi T, et al. **Masui** 1985 Feb;34(2):247–50 (Eng. Abstr.) **(Jpn)**

[Use of moderate prolonged ganglioplegia intra- and postoperatively] Ponkratov PA, et al. **Anesteziol Reanimatol** 1985 Mar–Apr;(2):58–62 (Eng. Abstr.) **(Rus)**

[Tube for enteral feeding after operations on the stomach and duodenum] Slabinskii NN, et al. **Klin Khir** 1984 Nov; (11):72 **(Rus)**

[Action of UV irradiation on wound healing after incising maxillofacial phlegmons] Nanuev SI, et al. **Stomatologiia (Mosk)** 1984 Sep–Oct;63(5):43–5 (Eng. Abstr.) **(Rus)**

[Adjuvant chemotherapy following radical operations for cancer of the large intestine] Prorokov VV, et al. **Vopr Onkol** 1985;31(5):10–4 (31 ref.) **(Rus)**

METHODS

Evaluating post-anesthesia recovery [letter] Fraulini KE. **Am J Nurs** 1985 Jul;85(7):784

The use of Clinitron therapy unit in the immediate postoperative care of pressure ulcers. Dolezal R, et al. **Ann Plast Surg** 1985 Jan;14(1):33–6

Slit-lamp fluid-gas exchange and other office procedures following vitreoretinal surgery. Landers MB 3d, et al. **Arch Ophthalmol** 1985 Jul;103(7):967–72

Steroidal and nonsteroidal anti-inflammatory agents. Effect on postsurgical inflammation and blood-aqueous humor barrier breakdown. Sanders DR, et al. **Arch Ophthalmol** 1984 Oct;102(10):1453–6

Postoperative surveillance. An effective means of detecting correctable lesions that threaten graft patency. Turnipseed WD, et al. **Arch Surg** 1985 Mar;120(3):324–8

Demonstration of a reduction in postoperative body protein breakdown using the Clinitron fluidized bed with an ambient temperature of 32 degrees C. Jones GA, et al. **Br J Surg** 1985 Jul;72(7):574–8

Cardiopulmonary response to inspiratory pressure support during spontaneous ventilation vs conventional ventilation. Prakash O, et al. **Chest** 1985 Sep;88(3):403–8

Impact of a nutritional support service on VA surgical patients. Jacobs DO, et al. **J Am Coll Nutr** 1984;3(4):311–5

Cleansing eyelids after blepharoplasty [letter] Christ JE. **Plast Reconstr Surg** 1985 Aug;76(2):328

Recurrency after optical internal urethrotomy. A comparative study of long-term and short-term catheter treatment. Iversen Hansen R, et al. **Urol Int** 1984; 39(5):270–1

Modified Pereyra bladder neck suspension [letter] Heaton JP, et al. **Urology** 1985 Jul;26(1):97

Early postoperative enteral feeding through a needle catheter jejunostomy. Berger D, et al. **Z Kinderchir** 1984 Oct; 39(5):328–31

[General principles of postoperative energetic balance restoration] Piotrot H. **Agressologie** 1984 Nov; 25(10):1137–9 (Eng. Abstr.) **(Fre)**

[Anesthesia-resuscitation problems posed by surgery of Cushing's syndrome] Daoud A, et al. **Tunis Med** 1984 Jan–Feb;62(1):21–3 (Eng. Abstr.) **(Fre)**

[Catheter jejunostomy--a surgical complement to postoperative parenteral feeding] Rogenhofer H, et al. **Fortschr Med** 1985 Feb 28;103(8):211–4 (Eng. Abstr.) **(Ger)**

[Advantages and disadvantages of transurethral and suprapubic urinary drainage following gynecologic operations] Becker R, et al. **Geburtshilfe Frauenheilkd** 1984 Sep;44(9):587–90 (Eng. Abstr.) **(Ger)**

[Parenteral feeding following heart surgery operations] Behrendt W, et al. **Infusionsther Klin Ernahr** 1984 Dec; 11(6):316–22 (Eng. Abstr.) **(Ger)**

[Peripheral venous parenteral feeding in abdominal surgery] Peitsch W, et al. **Infusionsther Klin Ernahr** 1984 Dec; 11(6):299–304 (Eng. Abstr.) **(Ger)**

[Treatment of colorectal cancer in the last 35 years--perioperative requirements and postoperative results] Grundmann R, et al. **Leber Magen Darm** 1984 Jul; 14(4):174–80 (Eng. Abstr.) **(Ger)**

[Modern aspects of enteral and parenteral feeding of newly operated patients] Weiner R, et al. **Z Urol Nephrol** 1984 Dec;77(12):739–47 (Eng. Abstr.) **(Ger)**

[Postoperative energy requirements and its fulfillment] Weiner R, et al. **Zentralbl Chir** 1984;109(23):1492–504 (Eng. Abstr.) **(Ger)**

[Postoperative care in hand surgery] Uchinishi K. **Nippon Seikeigeka Gakkai Zasshi** 1985 Jan;59(1):75–83 (18 ref.) **(Jpn)**

[Respiratory and circulatory management of patients with esophageal carcinoma before and after radical surgical treatment] Kakegawa T, et al. **Rinsho Kyobu Geka** 1984 Sep;4(5):641–7 (4 ref.) (Eng. Abstr.) **(Jpn)**

[Analysis of our experience in assessing intermittent postoperative drainage-lavage in treating acute generalized peritonitis] Ionescu NG, et al. **Rev Chir [Chir]** 1985 Mar–Apr;34(2):125–32 (Eng. Abstr.) **(Rum)**

[Possibilities for controlling respiration postoperatively by electrical stimulation of the phrenic nerves] Priimak AA, et al. **Anesteziol Reanimatol** 1985 Mar–Apr;(2):49–52 (Eng. Abstr.) **(Rus)**

[Characteristics of the anesthesia and postoperative management of patients with concomitant obesity] Chepkii LP, et al. **Klin Khir** 1984 Dec;(12):10–2 (Eng. Abstr.) **(Rus)**

[Local use of immobilized antibiotics in suppurative and inflammatory complications following the surgical treatment of malignant neoplasms of the abdominal organs] Kaban AP. **Klin Khir** 1985 Jan;(1):35–6 (Eng. Abstr.) **(Rus)**

[Characteristics of the postoperative treatment of suppurative cholangitis] Shor-Chudnovskii ME, et al. **Klin Khir** 1984 Sep;(9):35–6 (Eng. Abstr.) **(Rus)**

[Method of correcting metabolic processes in the postoperative period] Volobuev NN, et al. **Klin Khir** 1985 Jan;(1):74 **(Rus)**

[Expansion of the lung after partial resection for gangrene] Kostiuchenko AL, et al. **Vestn Khir** 1984 Oct;133(10):22–6 (Eng. Abstr.) **(Rus)**

[Use of non-absorbable oral antibiotics in a simple reverse isolation environment for the prevention of infection in the immediate post-transplant period] Zabala P, et al. **Sangre (Barc)** 1984;29(4–A):423–8 (Eng. Abstr.) **(Spa)**

PSYCHOLOGY

[Value of an ostomy club for patient followup after total cystectomy] Vergès J, et al. **Ann Urol (Paris)** 1984 Jun–Jul; 18(4):280–1 (Eng. Abstr.) **(Fre)**

STANDARDS

Affirmation of serious professional misconduct for failure to provide proper care after tattoo removal by laser. Brahams D. **Lancet** 1984 Sep 29;2(8405):762

POSTOPERATIVE COMPLICATIONS

Antero-posterior instability in knee replacements. Cameron HU. **Acta Orthop Belg** 1984 Jul–Aug;50(4):476–80

Mechanical feeding difficulties after primary repair of oesophageal atresia. Smith IJ, et al. **Acta Paediatr Scand** 1985 Mar;74(2):237–9

Complications with homologous fat grafts in breast augmentation surgery. Pohl P, et al. **Aesthetic Plast Surg** 1985;9(2):87–9

Extravascular lung water in children immediately after operative closure of either isolated atrial septal defect or ventricular septal defect. Vincent RN, et al. **Am J Cardiol** 1985 Sep 15;56(8):536–9

Pseudotumor cerebri. Repka MX, et al. **Am J Ophthalmol**

1984 Dec 15;98(6):741-6

Comparison of needle catheter versus standard tube jejunostomy. Haun JL, et al. **Am Surg** 1985 Aug;51(8):466-9

Postsplenectomy complications. Pate JW, et al. **Am Surg** 1985 Aug;51(8):437-41

A survey of technical considerations in the construction of intestinal stomas. Pearl RK, et al. **Am Surg** 1985 Aug; 51(8):462-5

A rare complication of anastomotic leakage after low anterior resection of the rectum. Brynitz S. **Ann Chir Gynaecol** 1985; 74(2):101-3

Early complications following surgical treatment for Crohn's disease. Heimann TM, et al. **Ann Surg** 1985 Apr; 201(4):494-8

Rheumatoid arthritis associated with jejunoileal bypass. Drenick EJ, et al. **Arthritis Rheum** 1984 Nov;27(11):1300-5

Fluid and electrolyte disturbances after trauma: the role of adrenocortical and pituitary hormones. Le Quesne LP, et al. **Br Med Bull** 1985 Jul;41(3):212-7 (68 ref.)

Acute cardiac failure from doxorubicin cardiotoxicity provoked in relation to second-look laparotomy [letter] Aabo K, et al. **Cancer Treat Rep** 1985 Jun;69(6):730-1

Post-transplant obliterative bronchiolitis and other late lung sequelae in human heart-lung transplantation. Burke CM, et al. **Chest** 1984 Dec;86(6):824-9

An assessment of nutritional depletion following major colonic surgery. Guess CW, et al. **Dis Colon Rectum** 1984 Oct;27(10):669-71

Roux-en-Y syndrome [letter] Goff JS, et al. **Gastroenterology** 1985 Sep;89(3):703-4

Hirsute esophagus: clinical and roentgen features. Agha FP, et al. **Gastrointest Radiol** 1984;9(4):297-300

Gall bladder sludge formation during prolonged fasting after gastrointestinal tract surgery. Bolondi L, et al. **Gut** 1985 Jul;26(7):734-8

Migratory polyarthralgia following intestinal bypass. A case report. Page JC. **J Am Podiatr Med Assoc** 1985 Mar; 75(3):153-5

Tracheostomal stenosis following total laryngectomy. Balle VH, et al. **J Laryngol Otol** 1985 Jun;99(6):577-80

Symptomatic root compression by a free fat transplant after hemilaminectomy. Case report. Cabezudo JM, et al. **J Neurosurg** 1985 Oct;63(4):633-5

Surgery in the obese patient. Review of complications secondary to obesity. Key JC, et al. **J Okla State Med Assoc** 1984 Oct;77(10):345-7

Importance of nutritional assessment and support in surgical and cancer patients. Orr JW Jr, et al. **J Reprod Med** 1984 Sep;29(9):635-50 (113 ref.)

Update on infections involving permanent pacemakers. Characterization and management. Lewis AB, et al. **J Thorac Cardiovasc Surg** 1985 May;89(5):758-63

Are postoperative complications more frequent and more serious after irradiation for laryngeal and hypopharyngeal cancer? Van den Bogaert W, et al. **Radiother Oncol** 1984 Jun;2(1):31-6

Reduction of immediate complications after panretinal photocoagulation. Liang JC, et al. **Retina** 1984 Summer-Fall;4(3):166-70

Hepatic dysfunction after open-heart surgery. Olsson R, et al. **Scand J Thorac Cardiovasc Surg** 1984;18(3):217-22

Urologic considerations in renal transplantation. Malkowicz SB, et al. **Surg Gynecol Obstet** 1985 Jun;160(6):579-88 (151 ref.)

AT-III as predictor of postoperative pulmonary embolism. Mortensen JZ, et al. **Thromb Res** 1985 Feb 15;37(4):555-9

Cytomegalovirus infection in renal transplant patients. Cardella CJ, et al. **Transplant Proc** 1985 Aug;17(4):1959-60

Spontaneous intraperitoneal rupture of a lymphocele associated with a renal allograft. Chandran KG, et al. **Transplant Proc** 1985 Aug;17(4):2011-3

Aseptic necrosis following renal transplantation: a 25-year experience. Farge D, et al. **Transplant Proc** 1985 Aug; 17(4):1947-50

Perforation of the acalculous gallbladder following renal transplantation. Hopkinson GB, et al. **Transplant Proc** 1985 Aug;17(4):2014-5

[Internal hernia after conisation] Faber JE, et al. **Ugeskr Laeger** 1985 Jan 7;147(2):104 (Eng. Abstr.) **(Dan)**

[Postoperative and posttraumatic non-calculous cholecystitis] Klaerke M, et al. **Ugeskr Laeger** 1985 Feb 4;147(6):529-30 (Eng. Abstr.) **(Dan)**

[Postoperative intestinal atony. A randomized study of the effect of morphine and pethidine] Olesen KL, et al. **Ugeskr Laeger** 1985 Mar 11;147(11):955-6 (Eng. Abstr.) **(Dan)**

[Morgagni's hernia as a cause of postoperative mechanical ileus] Schroeder T, et al. **Ugeskr Laeger** 1984 Oct 1; 146(40):3041 (Eng. Abstr.) **(Dan)**

[Immediate stoppages of Bjork-Shiley mitral prostheses with a convexoconcave disk] Nègre E, et al. **Ann Chir** 1983 Mar; 37(2):160-2 (Eng. Abstr.) **(Fre)**

[Cancer of the gastric stump. Apropos of 14 recent cases] Richelme H, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jan-Feb;20(1):23-6 (Eng. Abstr.) **(Fre)**

[Is iatrogenic vesico-renal reflux a negligible factor in the evolution of recurrent superficial tumors of the bladder?] Rampal M, et al. **Ann Urol (Paris)** 1985;19(2):132-4 (Eng. Abstr.) **(Fre)**

[Cancer of the colon following ureterosigmoidostomy or following bladder enlargement using a colonic graft] Steg A, et al. **Ann Urol (Paris)** 1985;19(4):283-7 (Eng. Abstr.) **(Fre)**

[Clinical surveillance of wakening from anesthesia following 1006 regular operations] Fogliani J, et al. **Cah Anesthesiol** 1982 Dec;30(8):1003-18 **(Fre)**

[Postoperative agitation] Muller A, et al. **Cah Anesthesiol** 1982 Dec;30(8):1117-22 **(Fre)**

[Management of postoperative oligo-anuria] Rigolot JC. **Cah Anesthesiol** 1982 Nov;30(7):965-75 **(Fre)**

[Cancer of the so-called 'gastric stump'. Review of the literature apropos of 4 cases] Dilin C, et al. **J Chir (Paris)** 1985 Mar;122(3):193-200 (Eng. Abstr.) **(Fre)**

[Complications of surgery of the thoraco-cervico-brachial outlets] Mellière D, et al. **J Chir (Paris)** 1985 Mar; 122(3):151-7 (Eng. Abstr.) **(Fre)**

[Necrotizing fasciitis following abdominal hysterectomy] Mazor M, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985; 14(4):487-90 (Eng. Abstr.) **(Fre)**

[The role of transfusions in post-operative cytomegalovirus infections (in non-immunosuppressed subjects)] Calamy G, et al. **Rev Fr Transfus Immunohematol** 1984 Jun; 27(3):355-64 (Eng. Abstr.) **(Fre)**

[Postoperative peritonitis. Analytic study of 26 cases] Ben Halima T, et al. **Tunis Med** 1984 Nov;62(7):535-41 (Eng. Abstr.) **(Fre)**

[Intestinal ischemia associated with aorto-bifemoral bypass] Morin JF, et al. **Union Med Can** 1984 Jun;113(6):508-10, 521 (Eng. Abstr.) **(Fre)**

[A rare complication of ileostomy: prestomal ileitis] Turgeon PP, et al. **Union Med Can** 1984 Jun;113(6):474-6 **(Fre)**

[Thrombotic obstruction of the subclavian vein as a late complication of permanent pacemaker] Keidar S, et al. **Harefuah** 1985 Feb 1;108(3):140-1 (Eng. Abstr.) **(Heb)**

[Acquired auto-immune hemolytic anemia following aortic valve replacement] Levy A, et al. **Harefuah** 1985 Mar 1; 108(5):237-8 (Eng. Abstr.) **(Heb)**

[Superior vena cava syndrome complicating ventriculo-atrial shunt] Shapir Y, et al. **Harefuah** 1984 Jun 15;106(12):563-4 (Eng. Abstr.) **(Heb)**

[Lipid metabolism and kidney transplantation] Siegal B, et al. **Harefuah** 1985 Jan 1;108(1):11-4 (Eng. Abstr.) **(Heb)**

[Index of multifactorial risk in adult subjects subjected to surgical intervention] Negro G, et al. **Minerva Chir** 1984 Jun 15;39(11):897-900 (Eng. Abstr.) **(Ita)**

[Medical complications in lung resections] Baldi S, et al. **Minerva Med** 1984 Oct 20;75(40):2357-9 (Eng. Abstr.) **(Ita)**

[Laparoscopic uterine suspension. A case of injury to the femoral nerve] Flateland I. **Tidsskr Nor Laegeforen** 1985 May 10;105(13):879 (Eng. Abstr.) **(Nor)**

[Multicollector lymphography and phlebography in lower limb edema following radiation and combination therapy] Tsyb AF, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):41-8 (Eng. Abstr.) **(Rus)**

[Severe hemorrhage secondary to a post-surgical iatrogenic renal pseudoaneurysm: embolization] Gutiérrez R, et al. **Arch Esp Urol** 1985 Jan-Feb;38(1):9-13 (Eng. Abstr.) **(Spa)**

[Complications of surgery for obesity. II. Late complications] Ingelmo Setién A, et al. **Rev Esp Enferm Apar Dig** 1985 Jan;67(1):81-8 (98 ref.) (Eng. Abstr.) **(Spa)**

BLOOD

Platelet and other tests followed sequentially for 14 days after operation. O'Brien JR, et al. **Clin Lab Haematol** 1984; 6(3):239-45

Tissue plasminogen activator concentrations in major abdominal surgery. Relationship to postoperative deep vein thrombosis. Mellbring G, et al. **Thromb Res** 1984 Nov 15; 36(4):331-4

[Preoperative detection of the postoperative risk thromboembolism. Results of a prospective study. IV. Thrombocyte parameters] Mindner K, et al. **Folia Haematol (Leipz)** 1984;111(4):505-10 (Eng. Abstr.) **(Ger)**

[Preoperative detection of the postoperative risk of thromboembolism. Results of a prospective study. III. Hemostaseologic findings] Vogel G, et al. **Folia Haematol (Leipz)** 1984;111(4):502-4 **(Ger)**

[Preoperative detection of the postoperative risk of thromboembolism. Results of a prospective study. I. Concept and protocol of the study] Vogel G, et al. **Folia Haematol (Leipz)** 1984;111(4):497-9 **(Ger)**

[Postoperative insulin resistance of lipolysis and ketogenesis using the glucose clamp technic] Jauch KW, et al. **Infusionsther Klin Ernahr** 1984 Oct;11(5):271-4 (Eng. Abstr.) **(Ger)**

CHEMICALLY INDUCED

Metabolic acidosis induced by cetrimonium bromide [letter] Momblano P, et al. **Lancet** 1984 Nov 3;2(8410):1045

DIAGNOSIS

Early and late postoperative sequelae after surgery for carcinoma of the breast. Corneillie P, et al. **Acta Chir Belg** 1984 Jul-Aug;84(4):227-31

Regional ischemia due to compromised collateral circulation after arterial reconstruction. Lose G, et al. **Acta Chir Scand** 1985;151(3):301-3

Deep venous thrombosis, pulmonary embolism and acute surgery in thrombophlebitis of the long saphenous vein. Plate G, et al. **Acta Chir Scand** 1985;151(3):241-4

Postoperative parathyroid high-frequency sonography: evaluation of persistent or recurrent hyperparathyroidism. Reading CC, et al. **AJR** 1985 Feb;144(2):399-402

The 125I-labelled fibrinogen uptake test in elective hip surgery. Suomalainen O, et al. **Ann Clin Res** 1985;17(1):24-6

Sonography of arteriovenous fistulae in hemodialysis patients. Weber M, et al. **Clin Nephrol** 1984 Nov;22(5):258-61

Blood coagulation monitoring and anticoagulant therapy after liver resection: brief report. Ton DL, et al. **Crit Care Med** 1984 Dec;12(12):1071-2

Alkaline gastritis following antrectomy--an elusive syndrome [editorial] Brooks FP. **Dig Dis Sci** 1984 Nov; 29(11):1062

Detection of intrapericardial hematoma after open heart surgery: the roles of echocardiography and computed tomography. Fyke FE 3d, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1496-9

Postoperative neurological deficits in segmental spinal instrumentation. A study using spinal cord monitoring. Wilber RG, et al. **J Bone Joint Surg [Am]** 1984 Oct; 66(8):1178-87

Thermosensitive determination of obstructed sites in ventriculoperitoneal shunts. Chiba Y, et al. **J Neurosurg** 1985 Mar;62(3):363-6

Complications of transsphenoidal surgery. Kruger LB. **J Neurosurg Nurs** 1985 Jun;17(3):179-83

Cystic duct remnant: sonographic diagnosis. Crowley SF, et al. **J Ultrasound Med** 1985 May;4(5):261-3

Endoscopic diagnosis of recurrent peptic ulcer due to retained antrum. Rashid A. **JPMA** 1985 Jan;35(1):24-5

Wernicke's encephalopathy after gastroplasty for morbid obesity. Oczkowski WJ, et al. **Neurology** 1985 Jan; 35(1):99-101

Relationship of ultrasound findings after cesarean section to operative morbidity. Faustin D, et al. **Obstet Gynecol** 1985 Aug;66(2):195-8

Symptomatic gastroesophageal reflux following gastrostomy in neurologically impaired patients. Mollitt DL, et al. **Pediatrics** 1985 Jun;75(6):1124-6

Postoperative acute cholecystitis complicating urologic operations. Eldar S, et al. **Urology** 1984 Dec;24(6):610-3

[Life-threatening infections after splenectomy--the overwhelming post- splenectomy infection syndrome] Keller HW, et al. **Leber Magen Darm** 1984 Jan;14(1):18-26 (158 ref.) (Eng. Abstr.) **(Ger)**

[Postoperative control of patients operated on for colonic cancer. A comparative study of coloscopy and double contrast radiography] Jacobsen MB, et al. **Tidsskr Nor Laegeforen** 1985 Apr 20;105(11):742-3 (Eng. Abstr.) **(Nor)**

[Clinical aspects and treatment of postoperative keratopathies] Arkhangel'skaia EP, et al. **Oftalmol Zh** 1984; (3):162-4 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Topical indomethacin therapy before argon laser trabeculoplasty. Pappas HR, et al. **Am J Ophthalmol** 1985 May 15;99(5):571-5

Ceftriaxone in the treatment of serious infections, particularly after surgery. Scully BE, et al. **Am J Surg** 1984 Oct 19; 148(4A):35-40

Ceftriaxone versus combined gentamicin and clindamycin for polymicrobial surgical sepsis. Stone HH, et al. **Am J Surg** 1984 Oct 19;148(4A):30-4

Intravenous sotalol for the treatment of atrial fibrillation and flutter after cardiopulmonary bypass. Comparison with disopyramide and digoxin in a randomised trial. Campbell TJ, et al. **Br Heart J** 1985 Jul;54(1):86-90

Absorption of metronidazole suppositories in patients with postoperative ileus. Axelsson CK, et al. **Dan Med Bull** 1985 May;32(2):134-7

Esmolol: a new ultrashort-acting beta-adrenergic blocking agent for rapid control of heart rate in postoperative supraventricular tachyarrhythmias. Gray RJ, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1451-6

Use of new beta-lactam antibiotics in intraabdominal surgery. Kager L, et al. **Scand J Infect Dis [Suppl]** 1984;42:143-50

Klebsiella oxytoca endocarditis after transurethral resection of the prostate gland. Watanakunakorn C. **South Med J** 1985 Mar;78(3):356-7

1-Desamino 8-D arginine-vasopressin in the diagnosis and treatment of central diabetes insipidus in a patient after cadaveric renal transplantation. Zeller WP, et al. **Transplant Proc** 1985 Aug;17(4):2007-8

[The transurethral resection syndrome treated with dopamine] Andersen BN, et al. **Ugeskr Laeger** 1984 Aug 13;146(33):2486-7 (Eng. Abstr.) **(Dan)**

[The secretion inhibition effect of fibrin glue in mastectomy scars. A prospective, randomized, clinically controlled study] Nielsen BP, et al. **Ugeskr Laeger** 1985 Jun 17; 147(25):1995-6 (Eng. Abstr.) **(Dan)**

[Pleural unclotting with fibrinolytics in coagulated postoperative hemothorax] Raut Y, et al. **Agressologie** 1984 Sep;25(8):931-3 (Eng. Abstr.) **(Fre)**

[Factor XIII in the treatment of postoperative refractory wound-healing disorders. Results of a controlled study] Mishima Y, et al. **Chirurg** 1984 Dec;55(12):803-8 (Eng. Abstr.) **(Ger)**

[Experience with cefoxitin in surgical sections of intensive care wards] Mingolla F, et al. **Chir Ital** 1982 Jun;

34(3):404-16 (Eng. Abstr.)
(Ita)

ETIOLOGY

Undiagnosed phaeochromocytoma in the perioperative period. Case reports. Sellevold OF, et al. **Acta Anaesthesiol Scand** 1985•Jul;29(5):474-9

Reoperation for postoperative haemorrhagic complications. Analysis of a 10-year series. Bergqvist D, et al. **Acta Chir Scand** 1985;151(1):17-22

Nutritional assessment and postoperative morbidity. A prospective study in 286 consecutive surgical patients. Brodén G, et al. **Acta Chir Scand [Suppl]** 1984;520:27-32

Diabetes as pro-infective risk factor in total hip replacement. Vannini P, et al. **Acta Diabetol Lat** 1984 Jul-Sep; 21(3):275-80

Juvenile diabetes mellitus--a risk factor for postoperative venous thromboembolism? Bergqvist D, et al. **Acta Med Scand** 1985;217(3):307-8

Intra- and perioperative aspects of the hemodynamics of supratentorial AV-malformations. Hassler W, et al. **Acta Neurochir (Wien)** 1984;73(1-2):35-44

Ventricular shunt survival in children with neural tube defects. Liptak GS, et al. **Acta Neurochir (Wien)** 1985; 74(3-4):113-7

Long-term follow-up of dysrhythmias following the Mustard procedure. Duster MC, et al. **Am Heart J** 1985 Jun; 109(6):1323-6

Safety of abortion and tubal sterilization performed separately versus concurrently. Akhter HH, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):619-23

Postoperative methemoglobinemia in a neonate [letter] Bhatt DN, et al. **Anesthesiology** 1985 Feb;62(2):210-1

Gastroduodenal reflux of irrigating solution during percutaneous lithotripsy for intrahepatic cholelithiasis. Harris M, et al. **Anesthesiology** 1985 Feb;62(2):182-3

Postpartum perioperative risk of aspiration pneumonia. James CF, et al. **Anesthesiology** 1984 Dec;61(6):756-9

Perianesthetic ischemic episodes cause myocardial infarction in human--a hypothesis confirmed [editorial] Lowenstein E. **Anesthesiology** 1985 Feb;62(2):103-6

Does perioperative myocardial ischemia lead to postoperative myocardial infarction? Slogoff S, et al. **Anesthesiology** 1985 Feb;62(2):107-14

Transient global amnesia following general anesthesia. Wood T, et al. **Anesthesiology** 1985 Jun;62(6):807-9

Neurologic complications of gastric partitioning. Paulson GW, et al. **Arch Neurol** 1985 Jul;42(7):675-7

Failures in myringoplasty. Vartiainen E, et al. **Arch Otorhinolaryngol** 1985;242(1):27-33

Vault haematoma after vaginal hysterectomy: an invariable sequel? Kuhn RJ, et al. **Aust NZ J Obstet Gynaecol** 1985 Feb;25(1):59-62

Disseminated intravascular coagulation associated with severe infection in surgical patients: a retrospective and prospective study. Kambayashi J, et al. **Bibl Haematol** 1983; (49):49-58

Factors relating to the development of hypertension after cardiopulmonary bypass. Cooper TJ, et al. **Br Heart J** 1985 Jul;54(1):91-5

Complications and hospital stay after surgery for breast cancer: a prospective study of 385 patients. Tejler G, et al. **Br J Surg** 1985 Jul;72(7):542-4

Pulmonary complications of bone marrow transplantation. Krowka MJ, et al. **Chest** 1985 Feb;87(2):237-46 (50 ref.)

CSF shunt complications: an analysis of contributory factors. Griebel R, et al. **Childs Nerv Syst** 1985;1(2):77-80

Cardiac causes of shock early after open heart surgery: etiologic classification by radionuclide ventriculography. Bateman TM, et al. **Circulation** 1985 Jun;71(6):1153-61

Tubal patency and pelvic adhesions at early second-look laparoscopy following intraabdominal use of the carbon dioxide laser: initial report of the intraabdominal laser study group. Diamond MP, et al. **Fertil Steril** 1984 Nov; 42(5):717-23

Nausea, vomiting, and abdominal pain after Roux-en-Y anastomosis: motility of the jejunal limb. Mathias JR, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):101-7

Medium term complications of endoscopic biliary sphincterotomy. Winstanley PA, et al. **Gut** 1985 Jul; 26(7):730-3

pper gastrointestinal bleeding in renal transplant recipients. Dohi K, et al. **Hiroshima J Med Sci** 1984 Sep;33(3):537-45

linical and experimental studies on ascending cholangitis after Kasai's portoenterostomy for type III congenital bile duct atresia. Yokoyama T, et al. **Hiroshima J Med Sci** 1984 Sep;33(3):529-36

vidence for the non-infectious etiology of early postoperative fever. Garibaldi RA, et al. **Infect Control** 1985 Jul;6(7):273-7

o-nasal fistula secondary to maxillary augmentation. Eppley B, et al. **Int J Oral Surg** 1984 Dec;13(6):535-8

e effect of distal sepsis on arterial grafts: an experimental tudy. Tanner WA, et al. **Ir J Med Sci** 1984 May; 53(5):166-9

ial level right to left intracardiac shunt associated with ostoperative hypoxemia: demonstration with contrast wo-dimensional echocardiography. Rose GC, et al. **Am Coll Cardiol** 1985 Oct;6(4):920-2

e need for a standardized system for evaluating results f total hip surgery [editorial] Galante J. **Bone Joint Surg [Am]** 1985 Apr;67(4):511-2

ic shock syndrome as a complication of orthopedic surgery [letter] Hermens KA. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1321

Complications following Harrington instrumentation for fractures of the thoracolumbar spine. McAfee PC, et al. **J Bone Joint Surg [Am]** 1985 Jun;67(5):672-86

Long-term results of revision total hip replacement. A follow-up report. Pellicci PM, et al. **J Bone Joint Surg [Am]** 1985 Apr;67(4):513-6

Ilioinguinal neuralgia following iliac bone-grafting. Report of two cases and review of the literature. Smith SE, et al. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1306-8 (7 ref.)

Failure of arteriovenous fistulas at distal tibial bypass anastomotic sites. Snyder SO Jr, et al. **J Cardiovasc Surg (Torino)** 1985 Mar-Apr;26(2):137-42

Complications of parotid gland surgery. Langdon JD. **J Maxillofac Surg** 1984 Oct;12(5):225-9

Sparate stitches tubal sterilization, a modified Pomeroy's technic an analysis of the procedure, complications and failure rate. Rimdusit P. **J Med Assoc Thai** 1984 Nov; 67(11):602-7

Factors causing acute shunt infection. Computer analysis of 1174 operations. Renier D, et al. **J Neurosurg** 1984 Dec; 61(6):1072-8

Lumbosacral plexus stretch injury following the use of the modified lithotomy position. Flanagan WF, et al. **J Urol** 1985 Sep;134(3):567-8

Sequential system failure after abdominal surgery--an important problem in postoperative care. Mizote H, et al. **Kurume Med J** 1984;31(2):145-9

Mandibulectomy without reconstruction can cause sleep apnea. Panje WR, et al. **Laryngoscope** 1984 Dec;94(12 Pt 1):1591-4

Complications of laser surgery for laryngeal papillomatosis. Wetmore SJ, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):798-801

What is the problem--chest or the leg wound? Gangaher DM. **Nebr Med J** 1985 Apr;70(4):109

Complications of mandibular fractures: a retrospective review of 100 fractures in 56 patients. Moore GF, et al. **Nebr Med J** 1985 Apr;70(4):120-3

Tension pneumocephalus after evacuation of chronic subdural hematoma and subsequent treatment with continuous lumbar subarachnoid infusion and craniostomy drainage. Caron JL, et al. **Neurosurgery** 1985 Jan; 16(1):107-10

Complications of use of the neodymium: yttrium-aluminum-garnet laser in neurosurgery. Jain KK. **Neurosurgery** 1985 Jun;16(6):759-62

Early complications following Q-switched neodymium: YAG laser posterior capsulotomy. Flohr MJ, et al. **Ophthalmology** 1985 Mar;92(3):360-3

Trigeminal trophic syndrome. Harper N. **Postgrad Med J** 1985 May;61(715):449-51

Intrahepatic arterial aneurysm: treatment by ligation complicated by hepatic necrosis and biliary-cutaneous fistula. Medero M, et al. **South Med J** 1984 Dec; 77(12):1596-8

Preoperative evaluation of the high-risk patient. Jewell ER, et al. **Surg Clin North Am** 1985 Feb;65(1):3-19 (29 ref.)

Complications of Hickman-Broviac catheters. Pessa ME, et al. **Surg Gynecol Obstet** 1985 Sep;161(3):257-60

Vasospasm after acoustic neuroma removal. de Almeida GM, et al. **Surg Neurol** 1985 Jan;23(1):38-40

Preoperative AT-III values and clinical postoperative thrombosis: a comparison of three antithrombin-III assays. Lynch DM, et al. **Thromb Haemost** 1984 Aug 31;52(1):42-4

Oral contraceptives and surgery: reduced antithrombin and antifactor Xa levels without postoperative venous thrombosis in low-risk patients. Gallus AS, et al. **Thromb Res** 1984 Sep 1;35(5):513-26

Relationship between preoperative status of the fibrinolytic system and occurrence of deep vein thrombosis after major abdominal surgery. Mellbring G, et al. **Thromb Res** 1985 Jul 15;39(2):157-63

Serious complications associated with uvulectomy performed by a 'native doctor'. Adekeye EO, et al. **Trop Doct** 1984 Oct;14(4):160-1

The Rosen prosthesis: a bad experience. Vereecken RL, et al. **Urol Int** 1985;40(1):30-2

[A case of anaerobic gas infection following pyelolithotomy] Kumanov Kh, et al. **Khirurgiia (Sofiia)** 1984;37(4):310-3
(Bul)

[Case of a urinoma following ureterolithotomy] Panchev P, et al. **Khirurgiia (Sofiia)** 1984;37(5):417-8
(Bul)

[Acute cardiac failure precipitated by anesthesia and surgery in patients treated with adriamycin] Jonsson T, et al. **Ugeskr Laeger** 1984 Dec 3;146(49):3837-9 (Eng. Abstr.)
(Dan)

[Formation of a phytobezoar following surgery of the stomach. Review of the literature] Mees U, et al. **Acta Chir Belg** 1984 Jul-Aug;84(4):221-5 (Eng. Abstr.)
(Dut)

[Influence of cytotoxic chemotherapy on the healing of surgical wounds] Pouillart P, et al. **Ann Chir Plast Esthet** 1984;29(3):286-91 (Eng. Abstr.)
(Fre)

[Postoperative pernicious malarial attack in a subject, a native of an endemic zone] Marsepoil T, et al. **Ann Fr Anesth Reanim** 1984;3(5):371-3 (Eng. Abstr.)
(Fre)

[Corticotherapy and surgery. Apropos of 73 cases] Wechsler B, et al. **Ann Med Interne (Paris)** 1985;136(4):290-300 (Eng. Abstr.)
(Fre)

[Acute postoperative alithiasic cholecystitis] Larabi B, et al. **Tunis Med** 1983 Nov-Dec;61(6):381-4 (Eng. Abstr.)
(Fre)

[Complications following talus trauma] Schuind F, et al. **Aktuel Traumatol** 1985 Apr;15(2):82-8 (Eng. Abstr.)
(Ger)

[Incidence of perioperative cardiovascular complications. A prospective study of 700 patients] Hartung HJ, et al. **Anasth Intensivther Notfallmed** 1984 Dec;19(6):302-6 (Eng. Abstr.)
(Ger)

[Causes, prevention and therapy of postoperative function disorders of the chin musculature] Hardt N, et al. **Fortschr Kiefer Gesichtschir** 1985;30:46-8
(Ger)

[Complications and sequelae of early childhood treatment of hemangiomas in the maxillofacial area] Hauenstein H, et al. **Fortschr Kiefer Gesichtschir** 1985;30:150-4
(Ger)

[Complication rate as a selection criterion in orthodontic operations] Joos U, et al. **Fortschr Kiefer Gesichtschir** 1985; 30:86-8
(Ger)

[Complications in the operative treatment of mandibular fractures] Luhr HG, et al. **Fortschr Kiefer Gesichtschir** 1985;30:109-12
(Ger)

[Problems in free tissue transplantation with microsurgical revascularization] Reuther J, et al. **Fortschr Kiefer Gesichtschir** 1985;30:158-60
(Ger)

[Late complications following heart valve replacement] Niederer W. **Fortschr Med** 1984 Nov 15;102(42):1077-81 (Eng. Abstr.)
(Ger)

[Postcholecystectomy syndrome. Frequency and causes] Tondelli P, et al. **Fortschr Med** 1985 Apr 4;103(13):335-8 (Eng. Abstr.)
(Ger)

[Early complications following aortoiliac reconstruction] Oehy K, et al. **Helv Chir Acta** 1985 Jan;51(6):783-6 (Eng. Abstr.)
(Ger)

[Early postoperative infections of tibial fractures] Friedrich B. **Orthopade** 1984 Sep;13(4):312-5
(Ger)

[Complications and late sequelae following radical cystectomy and supravesicle urinary diversion] Ackermann R, et al. **Urologe [A]** 1985 May;24(3):150-5 (Eng. Abstr.)
(Ger)

[Complications of radical prostatectomy] Frohmüller H, et al. **Urologe [A]** 1985 May;24(3):142-7 (Eng. Abstr.)
(Ger)

[Transurethral punch resection of the prostate (cold punch). Results and complications] Frohmüller H, et al. **Urologe [A]** 1985 Jul;24(4):184-8 (Eng. Abstr.)
(Ger)

[Intra- and postoperative complications in interventions of the kidney, kidney calices and upper ureter] Lutzeyer W. **Urologe [A]** 1985 May;24(3):127-31 (Eng. Abstr.)
(Ger)

[Operative complications in transurethral operations: causes and prevention] Mauermayer W. **Urologe [A]** 1985 Jul; 24(4):180-3 (Eng. Abstr.)
(Ger)

[Causes and prevention of complications in transurethral interventions. Interventions in the urethra] Sachse H, et al. **Urologe [A]** 1985 Jul;24(4):189-94 (Eng. Abstr.)
(Ger)

[Complications in 266 total prostatectomies] Zoedler D, et al. **Urologe [A]** 1985 May;24(3):148-9
(Ger)

[Diseases caused by sutures following stomach operations--yes or no?] Kunadt F, et al. **Z Gesamte Inn Med** 1984 Jul 1;39(13):302-6 (Eng. Abstr.)
(Ger)

[Postoperative courses in space occupying processes of the cranial base] Friedrich P, et al. **Zentralbl Neurochir** 1984; 45(4):276-9 (Eng. Abstr.)
(Ger)

[Necrosis of the maxillary bone after the Caldwell-Luc intervention] Politi M, et al. **Minerva Stomatol** 1984 Jul-Aug;33(4):737-41 (Eng. Abstr.)
(Ita)

[Postoperative ulcer] Juvara I, et al. **Rev Chir [Chir]** 1984 Sep-Oct;33(5):331-42 (Eng. Abstr.)
(Rum)

[Exacerbating factors and an analysis of their joint effect on the formation of adhesions and the appearance of tractional retinal detachment following the diascleral removal of intraocular fragments] Gundorova RA, et al. **Oftalmol Zh** 1984;(3):159-62 (Eng. Abstr.)
(Rus)

[Effect of Tenon's capsule on the formation and functioning of a postoperative fistula] Kolesnikova LN, et al. **Vestn Oftalmol** 1984 Sep-Oct;(5):13-5 (Eng. Abstr.)
(Rus)

[Antidiuretic hormone and anesthesia] Rodríguez del Río JM, et al. **Rev Esp Anestesiol Reanim** 1984 Nov-Dec; 31(6):245-8 (Eng. Abstr.)
(Spa)

IMMUNOLOGY

Host-defence mechanisms in surgical patients: a correlative study of the delayed hypersensitivity skin-test response, granulocyte function and sepsis. Christou NV. **Can J Surg** 1985 Jan;28(1):39-46, 49

Immunocompetence in patients with prosthetic graft infection. Kwaan JH, et al. **J Vasc Surg** 1984 Jan;1(1):45-9

DRw6 antigen and severe non-immunological complications. Hoyer J, et al. **Neth J Med** 1985;28(6):259-61

The effect of anaesthesia and surgery for benign disease of the upper urinary tract on circulating leucocyte subpopulations identified with monoclonal antibodies. Ritchie AW, et al. **Urol Res** 1984;12(6):267-9

METABOLISM

[Nutrition physiologic, immunologic and clinical parameters in prospective randomized patients by enteral or parenteral nutrition therapy following large intestine operations] Bauer E, et al. **Infusionsther Klin Ernahr** 1984 Jun; 11(3):165–7 (Eng. Abstr.) **(Ger)**

MICROBIOLOGY

Cytomegalovirus infection in patients undergoing noncardiac surgical procedures. Rader DL, et al. **Surg Gynecol Obstet** 1985 Jan;160(1):13–6

MORTALITY

Late mortality following Billroth II resection for duodenal ulcer. Fischer AB, et al. **Acta Chir Scand** 1985;151(1):43–7

Influence of age on mortality of colon surgery. Greenburg AG, et al. **Am J Surg** 1985 Jul;150(1):65–70

Mortality following surgery for fractures of the neck of femur. Goucke CR. **Anaesthesia** 1985 Jun;40(6):578–83

Tetralogy of Fallot after surgery: autopsy review of 14 cases. Thiene G, et al. **Hum Pathol** 1984 Nov;15(11):1018–24

Study of the risk factors related to early mortality following combined mitral valve replacement and coronary artery bypass grafting. Yadav KS, et al. **Thorac Cardiovasc Surg** 1985 Feb;33(1):16–9

[Life expectancy following operations for senile cataract] Cvetković D, et al. **Fortschr Ophthalmol** 1985;82(3):231–4 (Eng. Abstr.) **(Ger)**

[Deaths in orthopedics] Katthagen BD, et al. **Z Orthop** 1984 Sep–Oct;122(5):628–34 (Eng. Abstr.) **(Ger)**

[St. Georg knee endoprosthesis system (slide and hinge principle). Observations and results following 10 years' experience with over 3,700 operations] Röttger J, et al. **Z Orthop** 1984 Nov–Dec;122(6):818–26 (Eng. Abstr.) **(Ger)**

[Early morbidity and fatality following carotid disobliteration] De Vleeschauwer P, et al. **Zentralbl Chir** 1985;110(8):463–71 (Eng. Abstr.) **(Ger)**

[Results following gastrectomy and its relation to tumor stage in stomach cancer] Schröder H, et al. **Zentralbl Chir** 1985; 110(11):656–63 (Eng. Abstr.) **(Ger)**

[Mortality of operated children with diaphragmatic defects] Wit J, et al. **Zentralbl Chir** 1985;110(6):372–4 **(Ger)**

[Incidence of intercurrent complications and their prognostic value in elderly patients with femoral fractures near the hip] Kopp P. **ZFA** 1984 Nov–Dec;39(6):337–45 (Eng. Abstr.) **(Ger)**

[Evaluation of the surgical complications of Ender's nailing in 1000 cases] Körmöczy I, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1984; 27(3):169–74 (Eng. Abstr.) **(Hun)**

[Factors interfering with the survival of patients with permanent artificial pacemakers] Sant'Anna JR, et al. **Arq Bras Cardiol** 1984 May;42(5):331–7 (Eng. Abstr.) **(Por)**

[Operation risk in urologic surgery in the elderly] Gregoir W. **Arch Esp Urol** 1984 Dec;37 Suppl 1:648–50 (Eng. Abstr.) **(Spa)**

NURSING

Selected postoperative complications of cranial surgery. Arsenault L. **J Neurosurg Nurs** 1985 Jun;17(3):155–63

OCCURRENCE

Morbidity and mortality of coronary bypass grafting in patients 70 years of age and older. Montague NT 3d, et al. **Ann Thorac Surg** 1985 Jun;39(6):552–7

Use of anterior lens after ECCE [letter] Hagan JC 3d. **J Am Intraocul Implant Soc** 1984 Fall;10(4):473

Induced abortion operations and their early sequelae. Joint study of the Royal College of General Practitioners and the Royal College of Obstetricians and Gynaecologists. **J R Coll Gen Pract** 1985 Apr;35(273):175–80

Dihydroergotamine-heparin to prevent postoperative deep vein thrombosis. **Med Lett Drugs Ther** 1985 May 24; 27(688):45–6

[Arterial embolisms in surgical heart patients] Milev M, et al. **Khirurgiia (Sofiia)** 1984;37(4):250–2 **(Bul)**

[Current complication rate and mortality in cancer surgery] Brugger JJ, et al. **Helv Chir Acta** 1985 Jan;51(6):693–7 (Eng. Abstr.) **(Ger)**

[Carcinoma surgery today: analysis of complication rates and mortality in 1000 consecutive cases] Brugger JJ, et al. **Schweiz Rundsch Med Prax** 1985 Feb 12;74(7):145–8 (Eng. Abstr.) **(Ger)**

[Risk factors for the occurrence of postoperative adhesions] Kovalev MM, et al. **Vestn Khir** 1984 Sep;133(9):44–7 (Eng. Abstr.) **(Rus)**

[Postoperative complications in colonic cancer patients] Knysh VI, et al. **Vopr Onkol** 1985;31(5):42–8 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Complications of intraocular lenses. A historical and histopathological review. Apple DJ, et al. **Surv Ophthalmol** 1984 Jul–Aug;29(1):1–54 (450 ref.)

[Patient with a hemorrhaging peptic ulcer of the jejunum successfully recovered from hemorrhagic shock and clinical death] Damianov D, et al. **Khirurgiia (Sofiia)** 1984; 37(4):318–20 **(Bul)**

[Appendiceal peritonitis in the early postoperative period after a Billroth II gastric resection] Deredzhian A, et al. **Khirurgiia (Sofiia)** 1984;37(4):317–8 **(Bul)**

[Value of histopathologic findings following liver transplantation based on biopsy course studies] Kunz J, et al. **Klin Wochenschr** 1984 Dec 17;62(24):1157–64 (Eng. Abstr.) **(Ger)**

[Early postoperative morphology of the carotid artery following endarterectomy: systematic prospective studies with a high resolution ultrasound real-time imaging system] Marosi L, et al. **Ultraschall Med** 1984 Oct;5(5):202–14 (Eng. Abstr.) **(Ger)**

[Bone and boundary zone changes following the implantation of double-cup arthroplasties] Delling G, et al. **Z Orthop** 1984 Nov–Dec;122(6):770–6 (Eng. Abstr.) **(Ger)**

[Postoperative complications of the radiation-exposed intestine] Stremmel W, et al. **Zentralbl Chir** 1984; 109(10):651–6 (Eng. Abstr.) **(Ger)**

[Postoperative hemorrhage in the upper digestive tract due to esophageal ulcer] Alexiu O, et al. **Rev Chir [Chir]** 1983 Jul–Aug;32(4):297–300 (Eng. Abstr.) **(Rum)**

[Thrombocytopenic syndrome in the postoperative period in breast cancer patients] Britvin AA, et al. **Gematol Transfuziol** 1984 Aug;29(8):54–5 **(Rus)**

[Postoperative anaerobic gangrene of the liver] Shevchenko BF, et al. **Klin Khir** 1984 Sep;(9):66 **(Rus)**

[Morphological analysis of the reasons for enucleating the eye following cataract extraction with intraocular lens implantation] Fedorov SN, et al. **Vestn Oftalmol** 1984 Sep–Oct;(5):21–5 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Pronounced, episodic oxygen desaturation in the postoperative period: its association with ventilatory pattern and analgesic regimen. Catley DM, et al. **Anesthesiology** 1985 Jul;63(1):20–8

Postanesthetic shivering in primates: inhibition by peripheral heating and by taurine. Murphy MT, et al. **Anesthesiology** 1985 Aug;63(2):161–5

Reflex inhibition of the quadriceps after meniscectomy: lack of association with pain. Shakespeare DT, et al. **Clin Physiol** 1985 Apr;5(2):137–44

Hemodynamic and oxygen transport patterns in surviving and nonsurviving postoperative patients. Bland RD, et al. **Crit Care Med** 1985 Feb;13(2):85–90

Left ventricular hyperkinesia at rest and during exercise in normotensive patients 2 to 27 years after coarctation repair. Carpenter MA, et al. **J Am Coll Cardiol** 1985 Oct; 6(4):879–86

[Postoperative ileus: from whom to expect progress?] Couturier D, et al. **Gastroenterol Clin Biol** 1985 May; 9(5):409–11 **(Fre)**

[Postoperative changes in glaucomatous excavation of the optic disk in young people] Alekseev BN, et al. **Vestn Oftalmol** 1984 Sep–Oct;(5):16–8 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Polyglactin 910 (Vicryl) mesh graft for protection of esophagogastrostomy. A preliminary report. Arndt M, et al. **Acta Chir Scand** 1985;151(1):93–6

Prevention of postoperative deep venous thrombosis. Low-dose heparin versus graded pressure stockings. Fasting H, et al. **Acta Chir Scand** 1985;151(3):245–8

Suprapubic versus transurethral bladder drainage after colposuspension/vaginal repair. Andersen JT, et al. **Acta Obstet Gynecol Scand** 1985;64(2):139–43

T-tube suction drainage and/or prophylactic two-dose metronidazole in abdominal hysterectomy. Kvist Poulsen H, et al. **Acta Obstet Gynecol Scand** 1984;63(8):711–4

Postsplenectomy pneumococcemia in a healthy vaccinated adult. Chaikof EL, et al. **Am J Emerg Med** 1984 Mar; 2(2):141–3

Factors affecting the incidence of infectious morbidity after radical hysterectomy. Marsden DE, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):817–21

Influence of regional anaesthesia on postoperative morbidity. Kehlet H. **Ann Chir Gynaecol** 1984;73(3):171–6 (52 ref.)

Liver transplants in children: importance for the otolaryngologist. Reilly JS, et al. **Ann Otol Rhinol Laryngol** 1984 Sep–Oct;93(5 Pt 1):494–7

Technique of hearing preservation in small acoustic neuromas. Jannetta PJ, et al. **Ann Surg** 1984 Oct; 200(4):513–23

Extracellular fluid deficit following operation and its correction with Ringer's lactate. A reassessment. Roberts JP, et al. **Ann Surg** 1985 Jul;202(1):1–8

Suction drainage of the gallbladder bed does not prevent complications after cholecystectomy: a random control clinical trial. Playforth MJ, et al. **Br J Surg** 1985 Apr; 72(4):269–71

Protection against thrombo-embolism [editorial] Ruckley CV. **Br J Surg** 1985 Jun;72(6):421–2

Prevention and management of urinary tract infections following endoscopic and urological surgery using one dose daily of tobramycin. Muraro GB, et al. **Chemioterapia** 1984 Apr;3(2):140–2

Preventing PPC [letter] Celli BR, et al. **Chest** 1985 Sep; 88(3):481–2

Prevention of postoperative pulmonary complications with CPAP, incentive spirometry, and conservative therapy. Stock MC, et al. **Chest** 1985 Feb;87(2):151–7

Evaluation of progestogens for postoperative adhesion prevention. Beauchamp PJ, et al. **Fertil Steril** 1984 Oct; 42(4):538–42

Prevention of reformation of pelvic adhesions by 'Barrier' methods. Yemini M, et al. **Int J Fertil** 1984;29(3):194–6

Intracolonic by-pass: a new technique to prevent anastomotic complications in colon and rectal surgery. Castrini G, et al. **Ital J Surg Sci** 1984;14(3):189–93

Prevention of post-operative complications in the lower-extremity amputee. Pollack CV Jr, et al. **J Cardiovasc Surg (Torino)** 1985 May–Jun;26(3):287–90

Antibiotic prophylaxis—a survey. Raine CH, et al. **J Laryngol Otol** 1985 Feb;99(2):183–5

Decline of serum antibody in splenectomized children after vaccination with pneumococcal capsular polysaccharides. Giebink GS, et al. **J Pediatr** 1984 Oct;105(4):576–82

Effect of intraperitoneal 32% dextran 70 on blood coagulation and serum electrolytes. Tulandi T, et al. **J Reprod Med** 1985 May;30(5):431–4

Use of fibrin sealant for reinforcing arterial anastomoses. Jakob H, et al. **J Vasc Surg** 1984 Jan;1(1):171–80

Dihydroergotamine-heparin prophylaxis of postoperative deep vein thrombosis [letter] **JAMA** 1985 Feb 1; 253(5):636–7

Prophylaxis of postoperative deep venous thrombosis [letter] Wille-Jørgensen P, et al. **JAMA** 1985 Feb 22;253(8):1120

Protection against suture insufficiency in ante-thoracic esophagogastrostomy. Isono K, et al. **Jpn J Surg** 1985 Jan; 15(1):43–8

Preventing postoperative pulmonary complications [letter] Petring OU, et al. **Lancet** 1985 Jan 26;1(8422):223

Efficacy of physical therapy for patients who have undergone mastectomies. A prospective study. Wingate L. **Phys Ther** 1985 Jun;65(6):896–900

Avoiding complications with radical cystectomy. Paulson DF. **Prog Clin Biol Res** 1984;162A:409–34 (26 ref.)

Techniques for avoiding surgical complications in chemotherapy-treated cancer patients. Raaf JH. **Recent Results Cancer Res** 1985;98:46–52

Antibiotic therapy in surgical patients [letter] Childs SJ. **South Med J** 1984 Nov;77(11):1480–1

Effect of methylprednisolone on complications after removal of impacted mandibular third molars. Bystedt H, et al. **Swed Dent J** 1985;9(2):65–9

Risk factors for early and late failure after repair of tetralogy of Fallot, and their neutralization. Kirklin JW, et al. **Thorac Cardiovasc Surg** 1984 Aug;32(4):208–14

Effects of oral stanozolol used in the prevention of postoperative deep vein thrombosis on fibrinolytic activity. Sue-Ling HM, et al. **Thromb Haemost** 1985 Feb 18; 53(1):141–2

An evaluation of suloctidil in the prevention of deep vein thrombosis in neurosurgical patients. Turpie AG, et al. **Thromb Res** 1985 Jul 15;39(2):173–81

Prophylactic cefuroxime in transurethral resection. Ferrie BG, et al. **Urol Res** 1984;12(6):279–81

Prophylactic antibiotics in transurethral prostatectomy. Qvist N, et al. **Urol Res** 1984;12(6):275–7

Screening procedures for identifying patients after gastric operations at high risk of developing premalignant histological changes. Mosimann F, et al. **World J Surg** 1985 Aug;9(4):606–11

[Is endoscopic follow-up of patients after gastrectomy worthwhile in preventing inoperable gastric stump carcinoma] Tytgat GN. **Ned Tijdschr Geneeskd** 1984 Jul 14;128(28):1337–9 **(Dut)**

[The use of a vascular prosthesis to prevent postoperative hemorrhagic complications following resection-anastomosis for tracheal stenosis] Briccoli A, et al. **Ann Chir** 1983 Mar;37(2):123–5 (Eng. Abstr.) **(Fre)**

[Value of prophylactic antibiotic therapy in cesarean section] el Bakali-el Kassimi A, et al. **Maroc Med** 1984 Dec; 6(4):291–6 (Eng. Abstr.) **(Fre)**

[Prevention of postoperative lymphocele after breast amputation] Salmon RJ, et al. **Presse Med** 1985 Jan 12; 14(1):27–9 (Eng. Abstr.) **(Fre)**

[Short-term perioperative prophylaxis with cefotaxim in obstetric and gynecological surgery] Petersen C, et al. **Dtsch Med Wochenschr** 1985 Sep 6;110(36):1369–74 (Eng. Abstr.) **(Ger)**

[Preoperative detection of the postoperative risk of thromboembolism. Results of a prospective study. II. Clinical results] Liedloff H, et al. **Folia Haematol (Leipz)** 1984;111(4):500–1 **(Ger)**

[Prevention of unwanted treatment results in pedicled flap plasty] Bull HG. **Fortschr Kiefer Gesichtschir** 1985;30:166–8 **(Ger)**

[Cause and prevention of recurrences following Le Fort I osteotomies in cleft patients] Farmand M, et al. **Fortschr Kiefer Gesichtschir** 1985;30:99–100 **(Ger)**

[Prevention of complications in myocutaneous pectoralis flaps] Fritzemeier CU, et al. **Fortschr Kiefer Gesichtschir** 1985;30:164–6 **(Ger)**

[Errors in the determination of indications and choice of operative method in preprosthetic surgery] Härle F. **Fortschr Kiefer Gesichtschir** 1985;30:37–40 **(Ger)**

[Complications of microvascular small intestine transplantation as a principle for improving operative technic] Hausamen JE, et al. **Fortschr Kiefer Gesichtschir** 1985;30:161–3 **(Ger)**

[Prevention of postoperative damage by intra- or extraoral approach to mandibular fractures] Hoffmeister B, et al. **Fortschr Kiefer Gesichtschir** 1985;30:112–6 **(Ger)**

[Prevention of unwanted results in osteosynthesis of the maxilla within the scope of orthodontic surgery] Hörster W, et al. **Fortschr Kiefer Gesichtschir** 1985;30:100–2 **(Ger)**

[Prevention and treatment of unwanted results in tooth root fractures] Krenkel C, et al. **Fortschr Kiefer Gesichtschir** 1985;30:31–5 **(Ger)**

[Prevention of errors in the operative correction of nose deformities in cleft patients] Reil–Ehlers B, et al. **Fortschr Kiefer Gesichtschir** 1985;30:143–5 **(Ger)**

[Complications and sequelae in crush fractures of the mid–face and frontal bone] Schettler D, et al. **Fortschr Kiefer Gesichtschir** 1985;30:128–30 **(Ger)**

[Decreasing the danger of recurrence following operative correction of open bite] Spitzer W, et al. **Fortschr Kiefer Gesichtschir** 1985;30:105–7 **(Ger)**

[Complications in prognathism operations (following the method of labial pedicled anterior maxilla fragment) and their prevention] Wunderer S, et al. **Fortschr Kiefer Gesichtschir** 1985;30:96–8 **(Ger)**

[Prevention of postoperative adhesions––animal experiment study] Mund–Hoym S, et al. **Geburtshilfe Frauenheilkd** 1984 Jul;44(7):463–7 (Eng. Abstr.) **(Ger)**

[Prevention of complications following abdominal surgical urologic interventions by plasma protein substitutes] Bauer HW, et al. **Infusionsther Klin Ernahr** 1984 Jun;11(3):130–3 (Eng. Abstr.) **(Ger)**

[Complications of percutaneous kidney surgery––prevention and control] Heinrichs B, et al. **Urologe [A]** 1985 May;24(3):132–6 (Eng. Abstr.) **(Ger)**

[Antibiotic prophylaxis: clinical experience of surgical importance] Fuga G, et al. **Ann Ital Chir** 1984;56(2):139–41 **(Ita)**

[Enteral nutritional support in the treatment of the high–risk surgical patient] Ferri O, et al. **Minerva Med** 1984 Sep 15;75(35):1989–92 (Eng. Abstr.) **(Ita)**

[Low–dose heparin in thoracic surgery] Pogliani EM. **Minerva Med** 1985 Mar 17;76(11):495–500 **(Ita)**

[Effect of hemorheology in the post–operative period] Costantini A, et al. **Ric Clin Lab** 1985;15 Suppl 1:185–94 (Eng. Abstr.) **(Ita)**

[Methenamine hippurate. Short–term catheterization in gynecologic surgery. A double–blind comparison of Hiprex and placebo] Knoff T. **Tidsskr Nor Laegeforen** 1985 Mar 10;105(7):498–9 (Eng. Abstr.) **(Nor)**

[Method for preventing postoperative thrombophlebitis] Sowier J, et al. **Pol Tyg Lek** 1984 Nov 26;39(48):1583–5 (29 ref.) **(Pol)**

[Anastomotic procedure and reflux esophagitis following total and upper pole gastrectomies] Rădulescu D. **Rev Chir [Chir]** 1983 May–Jun;32(3):199–206 (Eng. Abstr.) **(Rum)**

[Prevention of postoperative lung complications in elderly patients after the surgical treatment of gastric and duodenal peptic ulcer] Chernobrovyĭ NP, et al. **Klin Khir** 1984 Aug;(8):55–7 (Eng. Abstr.) **(Rus)**

[Amorphous highly purified trypsin and chymotrypsin in treating suppurative processes] Timen AE, et al. **Klin Khir** 1985 Jan;(1):40–1 (Eng. Abstr.) **(Rus)**

[Use of thymalin for preventing postoperative suppurative and inflammatory complications] Zhumadilov ZhSh, et al. **Klin Khir** 1985 Jan;(1):36–8 (Eng. Abstr.) **(Rus)**

[Prevention of postoperative thyrotoxic crisis] Lukomskiĭ GI, et al. **Sov Med** 1985;(4):101–4 **(Rus)**

[Use of UV irradiation for preventing complications in plastic repair of the maxillofacial area with a Filatov pedicle graft] Rud'ko VF, et al. **Stomatologiia (Mosk)** 1984 Sep–Oct;63(5):51–3 (Eng. Abstr.) **(Rus)**

[Prevention and treatment of adhesions] Tishinskaia ZV. **Vestn Khir** 1984 Sep;133(9):47–9 (Eng. Abstr.) **(Rus)**

[Will I survive the operation, doctor?] Estopà Miró R. **Med Clin (Barc)** 1985 Feb 2;84(4):150–1 **(Spa)**

[Prevention of postoperative thromboembolism––an account of the current Swedish practice] Bergqvist D. **Lakartidningen** 1984 Dec 5;81(49):4632–4 **(Swe)**

PSYCHOLOGY

Neuropsychological status of patients with congenital and rheumatic heart diseases: preoperative and postoperative comparison. Zuo CY, et al. **Int J Neurosci** 1985 Apr;26(1–2):59–65

Focal cognitive deficits accentuated by depression. Fogel BS, et al. **J Nerv Ment Dis** 1985 Feb;173(2):120–4

Postoperative course of patients during hospitalization following renal transplantation. Muthny FA. **Psychother Psychosom** 1984;42(1–4):133–42

[Pre- and postoperative conditions in the self evaluation of 3 groups of surgical patients] Wengle HP, et al. **Chirurg** 1985 May;56(5):327–31 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

Esophageal lesions after total laryngectomy. Gibbons RG, et al. **AJR** 1985 Jun;144(6):1197–200

Postoperative fractures of lumbar articular facets: occult cause of radiculopathy. Rothman SL, et al. **AJR** 1985 Oct;145(4):779–84

Radiology of the complications of sternotomy. Cameron DC, et al. **Australas Radiol** 1984 Nov;28(4):341–5

Postcholecystectomy complications. Ghahremani GG. **CRC Crit Rev Diagn Imaging** 1984;23(2):119–49 (106 ref.)

Emergency ERCP for the diagnosis of complications after cholecystectomy [letter] Smedberg S, et al. **Gastrointest Endosc** 1984 Oct;30(5):316

Arteriographic evaluation of postsurgical stomach. Hietala SO, et al. **Gastrointest Radiol** 1985;10(1):31–7

Bypass surgery in patients with intracranial stenotic lesions. Postoperative morbidity and angiographic findings. Massimo C, et al. **J Neurosurg** 1985 Apr;62(4):532–8

Fracture of the femoral prosthesis after total hip replacement. McNeur JC. **Med J Aust** 1984 Sep 15;141(6):341–4

CT evaluation of the failed back surgery syndrome. Heithoff KB, et al. **Orthop Clin North Am** 1985 Jul;16(3):417–44

Computerized tomographic evaluation of aortic prosthetic graft complications. Kay D, et al. **South Med J** 1985 Mar;78(3):296–8

The role of tomography in the evaluation of the postoperative spinal fusion. Clader TJ, et al. **Spine** 1984 Oct;9(7):686–9

Differential diagnosis of recurrent lumbar disc herniation and postoperative deformation by myelography. An impossible task. Irstam L. **Spine** 1984 Oct;9(7):759–63

Gastric tube oesophagoplasty for oesophageal atresia: a follow–up study. Part II: Radiologic, endoscopic and histologic controls. Pineschi A, et al. **Z Kinderchir** 1985 Feb;40(1):16–20

[Sequelae of operation on the bile ducts––analysis with ERCP] Wurbs D. **Internist (Berlin)** 1985 Jan;26(1):9–17 **(Ger)**

[Dynamic computer tomography following vascular operations in aortic aneurysms or aortoiliac occlusive disease] Tuchmann A, et al. **Langenbecks Arch Chir** 1984;362(4):245–52 (Eng. Abstr.) **(Ger)**

[Subfascial abscess due to foreign bodies after a lumbar operation] Hermanutz KD. **ROFO** 1984 Nov;141(5):591–3 **(Ger)**

[Roentgenologic observation of the course following sternotomy] Witte G, et al. **Rontgenblatter** 1984 Aug;37(8):281–4 (Eng. Abstr.) **(Ger)**

[Radiological findings in complications of cerebrospinal fluid shunts in infantile hydrocephalus] Färber D. **Rontgenpraxis** 1984 Nov;37(11):409–15 **(Ger)**

RADIONUCLIDE IMAGING

Postcholecystectomy syndrome: evaluation using biliary scintigraphy and endoscopic retrograde cholangiopancreatography. Zeman RK, et al. **Radiology** 1985 Sep;156(3):787–92

REHABILITATION

[Functional problems with the arm after breast cancer surgery can be repaired] Swedborg I. **Lakartidningen** 1985 Jul 10;82(28–29):2526–8 **(Swe)**

SURGERY

Long–term results after incisional hernia repair. Langer S, et al. **Acta Chir Scand** 1985;151(3):217–9

Stabilization of the hip joint after resection of caput and collum femoris by osteotomy of the femur. Soren A. **Acta Orthop Belg** 1984 Jul–Aug;50(4):499–511

Internal vertical shortening for the correction of diffuse or segmental postoperative blepharoptosis. Gladstone GJ, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):429–36

Penetrating keratoplasty for exogenous Paecilomyces keratitis followed by postoperative endophthalmitis. Kozarsky AM, et al. **Am J Ophthalmol** 1984 Nov;98(5):552–7

Surgical treatment of dislocated iris–plane intraocular lenses. Hamburger HA, et al. **Ann Ophthalmol** 1985 Jul;17(7):434–6

Emergency ligation of the external iliac artery. Blohmé I, et al. **Ann Surg** 1985 Apr;201(4):505–10

Autografting and allografting in aseptic failure of total hip replacement. Harris WH. **Hip** 1984;:286–95 (13 ref.)

Ureteral replacement with ileum in transverse colon conduit. Waltzer WC, et al. **Int Urol Nephrol** 1984;16(4):285–9

Complications of carpal tunnel surgery. Louis DS, et al. **J Neurosurg** 1985 Mar;62(3):352–6

Dorsal root entry zone lesions for post–amputation pain. Saris SC, et al. **J Neurosurg** 1985 Jan;62(1):72–6

Reoperation for complications of renal artery reconstructive surgery undertaken for treatment of renovascular hypertension. Stanley JC, et al. **J Vasc Surg** 1985 Jan;2(1):133–44

Cerebrospinal fluid leak after translabyrinthine surgery for acoustic neuroma. Tos M, et al. **Laryngoscope** 1985 Mar;95(3):351–4

Surgical management of encapsulated filtering blebs. Pederson JE, et al. **Ophthalmology** 1985 Jul;92(7):955–8

Antireflux procedure after previous esophagogastrectomy. Raju S, et al. **South Med J** 1984 Dec;77(12):1584–6

Management of aortofemoral graft failure. Dahn MS, et al. **Surg Gynecol Obstet** 1985 Sep;161(3):274–5

Endoscopic removal of an intragastric Angelchik antireflux prosthesis. Schultz KA, et al. **Surgery** 1985 Feb;97(2):234–6

[A child with tetralogy of Fallot successfully operated on 3 times following recanalization of a Waterston–Cooley–type anastomosis] Slavkov N, et al. **Khirurgiia (Sofiia)** 1984;37(5):409–11 **(Bul)**

[Massive rectal hemorrhage––a late complication of appendectomy requiring treatment] Kjaer SK, et al. **Ugeskr Laeger** 1984 Aug 13;146(33):2482–3 (Eng. Abstr.) **(Dan)**

[Urinary incontinence following prostatectomy. Results of cervico–urethral plasty using Tanagho's tubular vesical flap] Boccon–Gibod L, et al. **Ann Urol (Paris)** 1985;19(3):211–2 (Eng. Abstr.) **(Fre)**

[Correction of rotation malposition following intramedullary nailing of the tibia] Vogt M. **Aktuel Traumatol** 1984 Oct;14(5):232–3 **(Ger)**

[Total duodenal diversion by fundo–jejunostomy with Roux–Y–loop in the treatment of severe postoperative recurrent reflux esophagitis] Hollender LF, et al. **Chirurg** 1985 May;56(5):311–4 (Eng. Abstr.) **(Ger)**

[Post–traumatic iatrogenic eyeball rotation. Development and reposition] Eskici A. **Fortschr Kiefer Gesichtschir** 1985;30:133–5 **(Ger)**

[Failures in the operative care of mandibular fractures with Kirschner wires and their treatment] Geiger SA, et al. **Fortschr Kiefer Gesichtschir** 1985;30:119–21 **(Ger)**

[Prevention and treatment of typical errors in the therapy of lateral mid–face fractures] Meiselbach U, et al. **Fortschr Kiefer Gesichtschir** 1985;30:124–8 **(Ger)**

[Unwanted results in craniofacial surgery] Mühling J, et al. **Fortschr Kiefer Gesichtschir** 1985;30:148–50 **(Ger)**

[Non–operative percutaneous cholecystostomy in acute postoperative cholecystitis] Dähnert W, et al. **Fortschr Med** 1984 Oct 4;102(37):915–7 (Eng. Abstr.) **(Ger)**

[Interdisciplinary cooperation with surgery] Nier H, et al. **Gynakologe** 1985 Mar;18(1):15–23 **(Ger)**

[Relaparotomy following stomach operations] Schulz F, et al. **Langenbecks Arch Chir** 1984;362(4):263–74 (Eng. Abstr.) **(Ger)**

[Revision operations following vagotomy] Reisig J, et al. **Zentralbl Chir** 1985;110(9):505–23 (Eng. Abstr.) **(Ger)**

[Transcutaneous transhepatic dilatation of a stricture of a hepaticojejunal anastomosis] Domanskiĭ BV, et al. **Klin Khir** 1984 Sep;(9):67–8 **(Rus)**

[Diagnostic characteristics of peptic and recurrent ulcers after vagotomy] Shevchenko BF, et al. **Klin Khir** 1984 Aug;(8):60–2 (Eng. Abstr.) **(Rus)**

[Surgical treatment of peptic ulcers of a gastroenteroanastomosis] Vitebskiĭ IaD, et al. **Klin Khir** 1984 Aug;(8):58–60 (Eng. Abstr.) **(Rus)**

[Results of Schoenborn's pharyngoplasty in children with postoperative shortening of the soft palate] Zhak GA, et al. **Stomatologiia (Mosk)** 1984 Nov–Dec;63(6):32–3 (Eng. Abstr.) **(Rus)**

THERAPY

Fitting gas–permeable contact lenses after penetrating keratoplasty. Genvert GI, et al. **Am J Ophthalmol** 1985 May 15;99(5):511–4

Need for immunologic stimulators during immunosuppression produced by major cancer surgery. Cole WH, et al. **Ann Surg** 1985 Jul;202(1):9–20 (102 ref.)

Transient paradoxical renal vasoconstriction following cardiac operation. Treatment with volume depletion. Heinsohn ME, et al. **Chest** 1985 Feb;87(2):257–8

Prevention and treatment of postoperative atelectasis. Can it and will it be adequately studied? [editorial] O'Donohue WJ Jr. **Chest** 1985 Jan;87(1):1–2

National survey of the usage of lung expansion modalities for the prevention and treatment of postoperative atelectasis following abdominal and thoracic surgery. O'Donohue WJ Jr. **Chest** 1985 Jan;87(1):76–80

Postoperative chest percussion with postural drainage in obese patients following gastric stapling. Torrington KG, et al. **Chest** 1984 Dec;86(6):891–5

Postsurgical complications and their clinical management. Solomon MG, et al. **Clin Podiatry** 1985 Jul;2(3):523–35

Hyperalimentation for superior mesenteric–artery (cast) syndrome following correction of spinal deformity. Munns SW, et al. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1175–7

Paradoxical effects of interferon on reactivation of oral infection with herpes simplex virus after microvascular decompression for trigeminal neuralgia. Ho M, et al. **J Infect Dis** 1984 Dec;150(6):867–72

Permanent cardiac pacing after the Fontan procedure. Taliercio CP, et al. **J Thorac Cardiovasc Surg** 1985 Sep;90(3):414–9

Salvage of difficult transplant complications by percutaneous techniques. Jarowenko MV, et al. **J Urol** 1985 May;133(5):840–3

Management of polyuria subsequent to pituitary surgery based on the diurnal pattern of urinary excretion. Fujii T, et al. **Surg Neurol** 1985 Jan;23(1):49–55

The use of Chinese herbs in abdominal surgery in obstetrics and gynaecology. Gao XQ, et al. **Ulster Med J** 1984;53(2):125–7

[Role of acupuncture in the treatment of standard postoperative complications] Noyelle JM. **Agressologie** 1984 Nov;25(11):1211–3 **(Fre)**

[Prevention and treatment of unwanted results and complications in standard orthodontic operations] Balan EH. **Fortschr Kiefer Gesichtschir** 1985;30:83–6 **(Ger)**

[Causes, prevention and treatment of complications of lymphadenectomy in testicular tumor patients] Vahlensieck EW, et al. **Urologe [A]** 1985 May;24(3):137–41 (Eng. Abstr.) **(Ger)**

[Percutaneous, transrenal balloon catheter dilatation. A possibility for the treatment of uretero–enteral implantation stenoses] Uibel M, et al. **Z Urol Nephrol** 1984 Oct;77(10):577–84 (Eng. Abstr.) **(Ger)**

[Intraluminal intubation of the small intestine for the therapy and prevention of adhesion ileus] Nitzsche L, et al.

Zentralbl Chir 1984;109(10):694–8 **(Ger)**

[Therapeutic procedure in anastomotic fistulae after total gastrectomy for cancer] Acalovschi I, et al. **Rev Chir [Chir]** 1983 Jul–Aug;32(4):279–84 (Eng. Abstr.) **(Rum)**

[Treatment of postoperative endophthalmitis in artiphakia by vitrectomy and the intravitreal administration of gentamycin] Fedorov SN, et al. **Oftalmol Zh** 1984;(5):264–7 (Eng. Abstr.) **(Rus)**

URINE

[3-Methylhistidine as a parameter for the determination of muscle proteolysis in the post-stress syndrome and in diabetes mellitus] Buchholz-Wimmer GB, et al. **Infusionsther Klin Ernahr** 1984 Jun;11(3):168–74 (Eng. Abstr.) **(Ger)**

POSTOPERATIVE PERIOD see under **SURGERY, OPERATIVE**

POSTOPERATIVE WOUND INFECTION see **SURGICAL WOUND INFECTION**

POSTOVULATORY PHASE see **LUTEAL PHASE**

POSTPARTUM PERIOD see **PUERPERIUM**

POSTPERICARDIOTOMY SYNDROME see under **HEART DISEASES**

POSTURE

see related
KINESICS

Impairment of postural stability following perivascular axillary block with mepivacaine. Kjaergård H, et al. **Acta Anaesthesiol Scand** 1984 Oct;28(5):508–10

Respiratory depression after epidural morphine in the postoperative period. Influence of posture. Molke Jensen F, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):600–2

Responses of plasma catecholamines to tilt in patients with diabetes mellitus. Sundkvist G, et al. **Acta Med Scand** 1984; 216(2):223–7

Postural responses evoked by sinusoidal galvanic stimulation of the labyrinth. Influence of head position. Hlavacka F, et al. **Acta Otolaryngol (Stockh)** 1985 Jan–Feb; 99(1–2):107–12

Semicircular canal orientation in the adult resting rabbit. Mazza D, et al. **Acta Otolaryngol (Stockh)** 1984 Nov–Dec; 98(5–6):472–80

The effect of lateral head tilt on horizontal postrotatory nystagmus I and II and the Purkinje effect. Schrader V, et al. **Acta Otolaryngol (Stockh)** 1985 Jul–Aug; 100(1–2):98–105

Evaluation of statokinesigram using 3-D plotting and discriminant function. Nagahara K, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;419:79–85

Posturography and vestibular compensation. Norré ME, et al. **Acta Otorhinolaryngol Belg** 1984;38(6):619–31

Arteriovenous difference of plasma vasopressin in normal man and effect of posture. Os I, et al. **Acta Physiol Scand** 1984 Sep;122(1):49–53

Compatibility due to the coding of the relative position of the effectors. Nicoletti R, et al. **Acta Psychol (Amst)** 1984 Oct;57(2):133–43

Standards for building a vertical forces platform for clinical stabilometry: an immediate need. Association française de posturologie. **Agressologie** 1984 Oct;25(9):1001–2

Specifications for building a vertical forces platform designed for clinical stabilometry. Bizzo G, et al. **Agressologie** 1984 Oct;25(9):1033–4

Simplified patient positioning to reduce beam hardening in CT of the lower neck. Harvey GD, et al. **AJNR** 1984 Nov–Dec;5(6):796

Basilar pneumothorax in the supine patient. Sweriduk ST, et al. **Am Fam Physician** 1985 Jun;31(6):127–8

The electrophysiologic effects of upright posture. Hermiller JB, et al. **Am Heart J** 1984 Nov;108(5):1250–4

Left ventricular responses to upright isometric handgrip and deadlift in men with coronary artery disease. Sagiv M, et al. **Am J Cardiol** 1985 May 1;55(11):1298–302

Effects of upright and supine position on cardiac rest and exercise response in aortic regurgitation. Shen WF, et al. **Am J Cardiol** 1985 Feb 1;55(4):428–31

Normal catecholamine and hemodynamic responses to orthostatic tilt in subjects with mitral valve prolapse. Correlation with psychologic testing. Chesler E, et al. **Am J Med** 1985 May;78(5):754–60

Sympathoadrenal and cardiovascular reactivity in pregnancy-induced hypertension. II. Responses to tilting. Nisell H, et al. **Am J Obstet Gynecol** 1985 Jul 1; 152(5):554–60

Predictive value of roll-over test in women with mild preeclampsia. Yemini M, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):77–8

Rearranged automated keratometer for newborn infants and patients in the supine position. Inagaki Y, et al. **Am J Ophthalmol** 1985 Jun 15;99(6):664–6

Effect of inverted body position on intraocular pressure. Weinreb RN, et al. **Am J Ophthalmol** 1984 Dec 15; 98(6):784–7

Intraocular pressure, ocular pulse pressure, and body position. Buchanan RA, et al. **Am J Optom Physiol Opt** 1985 Jan;62(1):59–62

Intraocular pressure response to inversion. LeMarr JD, et al. **Am J Optom Physiol Opt** 1984 Nov;61(11):679–82

Vagotonic effect of inversion therapy upon resting neuromuscular tension. deVries HA, et al. **Am J Phys Med** 1985 Jun;64(3):119–29

Vasopressin in plasma and ventricular cerebrospinal fluid during dehydration, postural changes, and nausea. Sørensen PS, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):R78–83

The effect of maintenance theophylline therapy on lung work in severe chronic obstructive pulmonary disease while standing and walking. Jenne JW, et al. **Am Rev Respir Dis** 1984 Oct;130(4):600–5

Posture and isobaric subarachnoid anaesthesia [letter] McClure JH, et al. **Anaesthesia** 1985 Mar;40(3):303–4

Massive swelling of the face and tongue. A complication of posterior cranial fossa surgery in the sitting position. Tattersall MP. **Anaesthesia** 1984 Oct;39(10):1015–7

Effects of epidural anesthesia on catecholamines, renin activity, and vasopressin changes induced by tilt in elderly men. Ecoffey C, et al. **Anesthesiology** 1985 Mar;62(3):294–7

Elective tracheal intubation in the prone position for a neonate with Pierre Robin syndrome [letter] Populaire C, et al. **Anesthesiology** 1985 Feb;62(2):214–5

Blood volume distribution in the Trendelenburg position. Bivins HG, et al. **Ann Emerg Med** 1985 Jul;14(7):641–3

Postural disturbance in patients with benign paroxysmal positional nystagmus. Black FO, et al. **Ann Otol Rhinol Laryngol** 1984 Nov–Dec;93(6 Pt 1):595–9

Biomechanics, evolution and upright stature. Helmuth H. **Anthropol Anz** 1985 Mar;43(1):1–9

Hypertension screening with inversion [letter] Plocher DW. **Arch Intern Med** 1985 Sep;145(9):1737, 1740

Ophthalmic response to inverted posture [letter] Plocher DW. **Arch Ophthalmol** 1985 Jun;103(6):762–3

The auditory response to inverted posture [letter] Plocher DW. **Arch Otolaryngol** 1985 Feb;111(2):135

Cerebral palsy: postural-locomotor prognosis in spastic diplegia. Badell-Ribera A. **Arch Phys Med Rehabil** 1985 Sep;66(9):614–9

Platform training and postural stability in hemiplegia. Hocherman S, et al. **Arch Phys Med Rehabil** 1984 Oct; 65(10):588–92

Acute transverse myelopathy: association with body position. Merli GJ, et al. **Arch Phys Med Rehabil** 1985 May; 66(5):325–8

Transverse myelopathy: influence of body position as a cause. Rudin SD, et al. **Arch Phys Med Rehabil** 1985 Apr; 66(4):262–3

The physiological role of the sitting parturient posture. Mori H, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar; 11(1):47–53

Pathophysiology of positional vertigo of the malignant paroxysmal type. Sakata E, et al. **Auris Nasus Larynx** 1984; 11(2):79–90

Changes of posture during transient perturbations in microgravity. Clément G, et al. **Aviat Space Environ Med** 1985 Jul;56(7):666–71

Cardiovascular responses during orthostasis: effect of an increase in VO2max. Convertino VA, et al. **Aviat Space Environ Med** 1984 Aug;55(8):702–8

Coronary circulation of the healthy man exposed to tilt tests, LBNP, and head-down tilt. Katkov VE, et al. **Aviat Space Environ Med** 1985 Aug;56(8):741–7

Early central venous pressure changes in the rat during two different levels of head-down suspension. Shellock FG, et al. **Aviat Space Environ Med** 1985 Aug;56(8):791–5

The influence of body position on perception of orientation in infants. Jouen F. **Behav Brain Res** 1985 May;15(3):241–5

Parametric analysis of dynamic postural responses. Werness SA, et al. **Biol Cybern** 1984;51(3):155–68

The proestrous surge of prolactin enhances sexual receptivity in the rat. Witcher JA, et al. **Biol Reprod** 1985 May; 32(4):834–9

Effect of posture and a mineralocorticoid on the glucose-induced hypokalemia in man. Radó JP, et al. **Biomed Pharmacother** 1984;38(4):212–3

Effect of posture on extradural pressure. Shah JL. **Br J Anaesth** 1984 Dec;56(12):1373–7

The effect of posture at the time of administration on the central depressant effects of the new hypnotic zopiclone. Channer KS, et al. **Br J Clin Pharmacol** 1984 Dec; 18(6):879–86

Influence of posture on plasma nitroglycerin [letter] Curry SH, et al. **Br J Clin Pharmacol** 1985 Mar;19(3):403–4

Effect on postural sway of various benzodiazepine tranquillizers. Patat A, et al. **Br J Clin Pharmacol** 1985 Jul;20(1):9–16

Posture and theophylline kinetics. Warren JB, et al. **Br J Clin Pharmacol** 1985 May;19(5):707–9

Fall in vital capacity with posture. Allen SM, et al. **Br J Dis Chest** 1985 Jul;79(3):267–71

Posture in labour: patients' choice and its effect on performance. Stewart P, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1091–5

Catecholamine responses to changes in posture during human pregnancy. Whittaker PG, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):586–92

Postural response of intraocular pressure following traumatic hyphaema. Anid G, et al. **Br J Ophthalmol** 1985 Aug; 69(8):576–9

The erect abdominal radiograph in the acute abdomen: should its routine use be abandoned? Field S, et al. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1934–6

Interlimb coordination of posture in patients with spastic paresis. Impaired function of spinal reflexes. Dietz V, et al. **Brain** 1984 Sep;107 (Pt 3):965–78

Visual stabilization of posture. Physiological stimulus characteristics and clinical aspects. Paulus WM, et al. **Brain** 1984 Dec;107 (Pt 4):1143–63

Posture and laterality in the bushbaby (Galago senegalensis). Sanford C, et al. **Brain Behav Evol** 1984;25(4):217–24

Determination of excitability in human proprioceptive reflexes: analysis and characteristics of EMG thresholds of postural muscle. Davies TW, et al. **Brain Res** 1985 Jul 22;339(1):19–26

Intrahypothalamic 5,7-dihydroxytryptamine: temporal analysis of effects on 5-hydroxytryptamine content in brain nuclei and on facilitated lordosis behavior. Frankfurt M, et al. **Brain Res** 1985 Aug 5;340(1):127–33

GABAergic mechanisms in mediating muscular rigidity, catalepsy and postural asymmetry in rats: differences between dorsal and ventral striatum. Turski L, et al. **Brain Res** 1984 Nov 19;322(1):49–57

Restoration of normal reflex responses to orthostatic stress during felodipine therapy in congestive heart failure. Timmis AD, et al. **Cardiovasc Res** 1984 Oct;18(10):613–9

Modification of cradle angiographic tables to more easily obtain axial coronary views. Vetrovec GW, et al. **Cathet Cardiovasc Diagn** 1984;10(6):607–11

Postural hypoxemia in cystic fibrosis. Stokes DC, et al. **Chest** 1985 Jun;87(6):785–9

Hemodynamic findings at rest and during mild supine exercise in adults with isolated, uncomplicated ventricular septal defects. Otterstad JE, et al. **Circulation** 1985 Apr; 71(4):650–62

Postural changes in diastolic blood pressure and the risk of myocardial infarction: the Normative Aging Study. Sparrow D, et al. **Circulation** 1984 Oct;70(4):533–7

Superiority of supine bicycle over isometric handgrip exercise in the assessment of ischemic heart disease: an evaluation of left ventricular ejection fraction response using radionuclide angiography. Kaul S, et al. **Clin Cardiol** 1984 Oct;7(10):547–53

Acute postural change––a novel approach to blood pressure tracking in children. Hosbach RE, et al. **Clin Exp Hypertens [A]** 1985;7(1):139–52

Supine hypertension, blood pressure variability and circadian rhythm in autonomic failure: the role of ambulatory intra-arterial monitoring. Mann S, et al. **Clin Exp Pharmacol Physiol** 1984 Jul–Aug;11(4):347–50

Radionuclide esophageal transit (RET) study. The effect of body posture. Lamki L. **Clin Nucl Med** 1985 Feb; 10(2):108–10

Patients with an acoustic neurinoma examined with a tilting room. de Vries N, et al. **Clin Otolaryngol** 1985 Apr; 10(2):103–8

Supine and sitting maximal workload difference and response to long-term enalapril therapy in congestive heart failure. Pöyhönen L. **Clin Physiol** 1985 Apr;5(2):173–8

Plasma catecholamine responses to change of posture in alcoholics during withdrawal and after continued abstinence from alcohol. Eisenhofer G, et al. **Clin Sci** 1985 Jan;68(1):71–8

Changes induced by orthostatism in plasma renin activity and natriuresis. Influence of hypertension and renal failure. Labeeuw M, et al. **Contrib Nephrol** 1984;41:38–42

Hand posture in writing: possible artifacts from self report. Buchtel HA, et al. **Cortex** 1984 Sep;20(3):435–9

Effect of body inversion on hemodynamics determined by two-dimensional echocardiography. Jennings T, et al. **Crit Care Med** 1985 Sep;13(9):760–2

Mathematical modeling and simulation of the postural control loop. Part III. Agarwal GC, et al. **Crit Rev Biomed Eng** 1984;12(1):49–93 (328 ref.)

On the nervous control of collateral arterial tone in the human lower limb with large artery obstruction during postural change. Agerskov K. **Dan Med Bull** 1984 Aug; 31(4):316–29 (102 ref.)

Postural sway and gait of children with convergent strabismus. Odenrick P, et al. **Dev Med Child Neurol** 1984 Aug;26(4):495–9

Hand function in cerebral palsy: the effect of hip-flexion angle. Seeger BR, et al. **Dev Med Child Neurol** 1984 Oct; 26(5):601–6

Body position and acoustic admittance. Daniel HJ 3d, et al. **Ear Hear** 1985 Mar–Apr;6(2):76–9

The postures exhibited by 3-day-old full term neonates. Muhiudeen HA, et al. **Early Hum Dev** 1984 Sep; 10(1–2):57–66

Embryonic head posture and palatal shelf elevation. Sandham A. **Early Hum Dev** 1985 May;11(1):69–73

The effects of postural changes on ADH release and the renal handling of sodium and water in patient with idiopathic edema. Ota K, et al. **Endocrinol Jpn** 1984 Aug; 31(4):459–69

Posture and compressive spine loading: intradiscal pressures, trunk myoelectric activities, intra-abdominal pressures, and biochemical analyses. Andersson GB. **Ergonomics** 1985 Jan; 28(1):91–3

Trunk posture and load on the trapezius muscle whilst sitting at sloping desks. Bendix T, et al. **Ergonomics** 1984 Aug; 27(8):873–82

Posture analysis. Colombini D, et al. **Ergonomics** 1985 Jan;28(1):275–84

Postural stress in high-speed precision work. Laville A. **Ergonomics** 1985 Jan;28(1):229–36

Relation between intra-abdominal pressure and lumbar moments when lifting weights in the erect posture. Mairiaux P, et al. **Ergonomics** 1984 Aug;27(8):883–94

Renin and angiotensin responses to posture and exercise in elderly patients with heart failure. Cleland JG, et al. **Eur Heart J** 1984 Nov;5 Suppl E:9–11

Alignment of the human body in standing. Woodhull AM, et al. **Eur J Appl Physiol** 1985;54(1):109–15

Posture as a contributing factor to beta-blockade-induced hyperkalaemia [letter] Radó JP. **Eur J Clin Pharmacol** 1985;28(3):359–60

Impairment of ventilatory function by supine posture in asthma. Jönsson E, et al. **Eur J Respir Dis** 1984 Oct;65(7):496–503

Comparative study of posturography and electrooculography in at-risk subjects for Huntington's disease. Valade D, et al. **Eur Neurol** 1984;23(4):252–64

Visual and vestibular contributions to pitch sway stabilization in the ankle muscles of normals and patients with bilateral peripheral vestibular deficits. Allum JH, et al. **Exp Brain Res** 1985;58(1):82–94

Motor behavior underlying the control of an upside-down vertical posture. Clément G, et al. **Exp Brain Res** 1985;59(3):478–84

Adaptation of postural control to weightlessness. Clément G, et al. **Exp Brain Res** 1984;57(1):61–72

Cerebral potentials and leg muscle e.m.g. responses associated with stance perturbation. Dietz V, et al. **Exp Brain Res** 1985;57(2):348–54

Interstitial-vestibular interaction in the control of head posture. Fukushima K, et al. **Exp Brain Res** 1985;57(2):264–70

Area 4 and area 5: differences between the load direction-dependent discharge variability of cells during active postural fixation. Kalaska JF, et al. **Exp Brain Res** 1985;59(1):197–202

Cat posture on a tilted platform. Lacquaniti F, et al. **Exp Brain Res** 1984;57(1):82–8

Impaired lordosis response in golden hamsters with lesions in the ventromedial midbrain. Havens MD, et al. **Exp Neurol** 1984 Dec;86(3):583–9

Posture-correlated responses to vestibular polarization in vermal versus intermediate posterior cerebellar cortex. Jensen DW. **Exp Neurol** 1985 Jun;88(3):629–39

The measurement of plasma noradrenaline before and after tilt in young and old healthy subjects. Vargas E, et al. **Gerontology** 1984;30(4):253–60

Renal function impairment induced by change in posture in patients with cirrhosis and ascites. Bernardi M, et al. **Gut** 1985 Jun;26(6):629–35

The effects of body position on oxygenation. Norton LC, et al. **Heart Lung** 1985 Jan;14(1):45–52

The effect of the backrest position on the measurement of left atrial pressure in patients after cardiac surgery. Retailliau MA, et al. **Heart Lung** 1985 Sep;14(5):477–83

The effect of backrest elevation on pulmonary artery and pulmonary capillary wedge pressures in patients after cardiac surgery [letter] Riedinger MS, et al. **Heart Lung** 1984 Nov;13(6):691–2

Posture, postural discomfort, and performance. Bhatnager V, et al. **Hum Factors** 1985 Apr;27(2):189–99

Handwriting posture, visuomotor integration, and lateralized reaction-time parameters. Levy J, et al. **Hum Neurobiol** 1984;3(3):157–61

Development of postural sway in the normal child. Odenrick P, et al. **Hum Neurobiol** 1984;3(4):241–4

Autonomic regulation of the central hemodynamics in active orthostasis. Veber VR. **Hum Physiol** 1983 Nov–Dec;9(6):406–8

Orthostatic hypertension. Pathogenetic studies. Streeten DH, et al. **Hypertension** 1985 Mar–Apr;7(2):196–203

Determination of body segment parameters and their effect in the calculation of the position of center of pressure during postural sway. Koozekanani SH, et al. **IEEE Trans Biomed Eng** 1985 Jan;32(1):67–9

The effect of postural circulatory stress on diastolic time intervals. Singh PI, et al. **Indian Heart J** 1985 Jan–Feb;37(1):27–31

Primary dysfunction of the afferent limb of the arterial baroreceptor reflex system in a patient with severe supine hypertension and orthostatic hypotension. Kochar MS, et al. **J Am Coll Cardiol** 1984 Oct;4(4):802–5

Correct posture works wonders [letter] **J Am Dent Assoc** 1985 May;110(5):673–4

Compression of the superficial peroneal nerve secondary to sleeping and sitting positions. Lemont H, et al. **J Am Podiatry Assoc** 1984 Sep;74(9):450–1

Human esophageal pressures and chest wall configuration in upright and head-down posture. Clarysse I, et al. **J Appl Physiol** 1985 Aug;59(2):401–7

Effect of body orientation on regional lung expansion in dog and sloth. Hoffman EA, et al. **J Appl Physiol** 1985 Aug;59(2):481–91

Effect of body orientation on regional lung expansion: a computed tomographic approach. Hoffman EA. **J Appl Physiol** 1985 Aug;59(2):468–80

Influence of the heart on the vertical gradient of transpulmonary pressure in dogs. Hyatt RE, et al. **J Appl Physiol** 1985 Jan;58(1):52–7

Epinephrine, norepinephrine, and dopamine during a 4-day head-down bed rest. Pequignot JM, et al. **J Appl Physiol** 1985 Jan;58(1):157–63

Ankle and knee position as a factor modifying intracompartmental pressure in the human leg. Gershuni DH, et al. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1415–20

The effect of posture on the lumbar spine. Adams MA, et al. **J Bone Joint Surg [Br]** 1985 Aug;67(4):625–9

Longitudinal CT of the forearm in children. Azouz EM. **J Can Assoc Radiol** 1984 Dec;35(4):388–9

Prone and supine views in double-contrast knee arthrography. Hammond DI, et al. **J Can Assoc Radiol** 1984 Sep;35(3):262–3

Hyponatremia in congestive heart failure: implications for neurohumoral activation and responses to orthostasis. Lilly LS, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):924–30

Ipsilateral decubitus position for percutaneous CT-guided adrenal biopsy. Heiberg E, et al. **J Comput Assist Tomogr** 1985 Jan–Feb;9(1):217–8

Ventricular arrhythmia with postural dependency. Shibuya T, et al. **J Electrocardiol** 1985 Jul;18(3):303–8

Orthostatic changes in normovolemic children: an analysis of the 'tilt test'. Bergman GE, et al. **J Emerg Med** 1983;1(2):137–41

Postural sway during standing and unexpected disturbance of balance in random samples of men of different ages. Era P, et al. **J Gerontol** 1985 May;40(3):287–95

EEG changes induced by passive postural changes. Chida T, et al. **J Hum Ergol (Tokyo)** 1983 Dec;12(2):217–8

Relations between direction-of-the-body stereotypes and direction-of-opening stereotypes for building components. Takahashi T, et al. **J Hum Ergol (Tokyo)** 1983 Dec;12(2):159–71

Participation of the renin-angiotensin system in the maintenance of blood pressure during changes in posture in patients with essential hypertension. Morganti A, et al. **J Hypertens** 1985 Feb;3(1):55–61

The four quadrant weight scale: a technical and procedural review. Vernon H, et al. **J Manipulative Physiol Ther** 1984 Sep;7(3):165–9

The effects of movement velocity, mass displaced, and task certainty on associated postural adjustments made by normal and hemiplegic individuals. Horak FB, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):1020–8

Responses to head tilt in cat central vestibular neurons. II. Frequency dependence of neural response vectors. Schor RH, et al. **J Neurophysiol** 1985 Jun;53(6):1444–52

Posture control and trajectory formation during arm movement. Bizzi E, et al. **J Neurosci** 1984 Nov;4(11):2738–44

A new method to measure rotation in the hip joint [letter] Axmacher B, et al. **J Occup Med** 1985 Apr;27(4):236–7

Relating posture to discomfort in VDT use. Starr SJ, et al. **J Occup Med** 1985 Apr;27(4):269–71

The effect of body posture on the preferred vertical dimension of occlusion. Wright SM. **J Oral Rehabil** 1984 Sep;11(5):467–76

Lateral decubitus position and pulmonary interstitial emphysema [letter] Bidiwala K, et al. **J Pediatr** 1984 Nov;105(5):847–8

Seventeen-hour continuous esophageal pH monitoring in the newborn: evaluation of the influence of position in asymptomatic and symptomatic babies. Vandenplas Y, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):356–61

Habitual head turning in spasmus nutans: an oculographic study. Chrousos GA, et al. **J Pediatr Ophthalmol Strabismus** 1985 May–Jun;22(3):113–6

A study of postural equilibrium in idiopathic scoliosis. Driscoll DM, et al. **J Pediatr Orthop** 1984 Nov;4(6):677–81

Cross-cultural examination of the semantic dimensions of body postures. Kudoh T, et al. **J Pers Soc Psychol** 1985 Jun;48(6):1440–6

The respiratory activity of human levator costae muscles and its modification by posture. Goldman MD, et al. **J Physiol (Lond)** 1985 May;362:189–204

Measurement of weightbearing during standing. Poyezdala JJ, et al. **J Rehabil Res Dev** 1984 Jul;21(2):46–50

Evaluation of transducer performance for buttock-cushion interface pressure measurements. Reddy NP, et al. **J Rehabil Res Dev** 1984 May;21(1):43–50

Effects of lateral recumbency and sitting on the first stage of labor. Roberts JE, et al. **J Reprod Med** 1984 Jul;29(7):477–81

Anterior spinal flexion in healthy Mexican children. Burgos-Vargas R, et al. **J Rheumatol** 1985 Feb;12(1):123–5

Lumbosacral plexus stretch injury following the use of the modified lithotomy position. Flanagan WF, et al. **J Urol** 1985 Sep;134(3):567–8

Ocular manifestations of gravity inversion. Friberg TR, et al. **JAMA** 1985 Mar 22–29;253(12):1755–7

Postural changes and isosorbide dinitrate. A polygraphic study in patients with coronary artery disease. Romano M, et al. **Jpn Heart J** 1984 Nov;25(6):1011–8

Influence of body posture on maximum calf blood flow in reactive hyperemia. Saito M, et al. **Jpn J Physiol** 1984;34(4):769–73

Disabling positional vertigo [letter] **N Engl J Med** 1984 Oct 18;311(16):1053–5

Arterial blood pressure and the renin-angiotensin-aldosterone system during postural changes in hypertensive patients with unilateral renal mobility. Fommei E, et al. **Nephron** 1985;40(1):104–7

Effect of the angiotensin converting enzyme inhibitor, captopril (SQ14,225), on orthostatic sodium and water retention in patients with idiopathic edema. Suzuki H, et al. **Nephron** 1985;39(3):244–9

Sympathetic nervous system activity by night recumbency in hypertensives with and without cerebrovascular complications. Stoica E, et al. **Neurol Psychiatr (Bucur)** 1984 Oct–Dec;22(4):287–99

Bisecting rods and lines: effects of horizontal and vertical posture on left-side underestimation by normal subjects. Bradshaw JL, et al. **Neuropsychologia** 1985;23(3):421–5

Infant rightward asymmetries predict right-handedness in childhood. Coryell J. **Neuropsychologia** 1985;23(2):269–71

Writing postures in left-handers: inverters are hand-crossers. Guiard Y, et al. **Neuropsychologia** 1984;22(4):535–8

Cerebral evoked potentials associated with the compensatory reactions following stance and gait perturbation. Dietz V, et al. **Neurosci Lett** 1984 Sep 7;50(1–3):181–6

The postural reaction to the drop of a hindlimb support in the standing cat remains following sensorimotor cortical ablation. Dufossé M, et al. **Neurosci Lett** 1985 Apr 19;55(3):297–303

Orientation-induced artifacts in the measurement of monosynaptic reflexes. Myklebust BM, et al. **Neurosci Lett** 1984 Jul 27;48(2):223–30

Nursing, maternal postures, and fetal position. Andrews CM, et al. **Nurs Res** 1983 Nov–Dec;32(6):336–41

Mean arterial pressure readings: variations with positions and transducer level. Kirchhoff KT, et al. **Nurs Res** 1984 Nov–Dec;33(6):343–5

Infant sleep position: a New Zealand survey. Hassall IB, et al. **NZ Med J** 1985 Feb 27;98(773):97–9

Supine position in labor and associated fetal heart rate changes. Abitbol MM. **Obstet Gynecol** 1985 Apr;65(4):481–6

Positional nystagmus. Barber HO. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):649–55

A tilting bed for the urodynamic assessment of spinal cord injured patients. Gardner BP, et al. **Paraplegia** 1984 Dec;22(6):383–85

An experimental psychophysiological approach to human bradycardiac reflexes. Furedy JJ. **Pavlov J Biol Sci** 1985 Apr–Jun;20(2):88–96

Parent-specific adjustments for evaluation of recumbent length and stature of children. Himes JH, et al. **Pediatrics** 1985 Feb;75(2):304–13

Effect of sleep state and position on the incidence of obstructive and central apnea in infants. Orr WC, et al. **Pediatrics** 1985 May;75(5):832–5

Lateralization in attainment and maintenance of neonatal head posture: further external validation. Risser AH, et al. **Percept Mot Skills** 1985 Apr;60(2):611–7

Prevention of progesterone-induced lordosis behavior by alpha or beta adrenergic antagonists in ovariectomized estrogen-primed rats. Fernández-Guasti A, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):279–82

Potentiative action of alpha- and beta-adrenergic receptor stimulation in inducing lordosis behavior. Fernández-Guasti A, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):613–7

Cholecystokinin-octapeptide produces inhibition of lordosis in the female rat. Mendelson SD, et al. **Pharmacol Biochem Behav** 1984 Nov;21(5):755–9

Compact device for positional biofeedback. Suggestion from the field. Bohannon RW, et al. **Phys Ther** 1984 Nov;64(11):1692

Effect of body position on pulmonary function. Dean E. **Phys Ther** 1985 May;65(5):613–8

Quantitative description of two sitting postures. With and without a lumbar support pillow. Majeske C, et al. **Phys Ther** 1984 Oct;64(10):1531–5

Seating device for multiply handicapped infants. Suggestion from the field. Montgomery PC, et al. **Phys Ther** 1985 Jul;65(7):1069–70

Effects of an inverted position on blood pressure, pulse rate, and deep tendon reflexes of healthy young adults. Rheault W, et al. **Phys Ther** 1985 Sep;65(9):1358–62

Dynamics of postural control in the child with Down syndrome. Shumway-Cook A, et al. **Phys Ther** 1985 Sep;65(9):1315–22

Lordosis as a sexually dimorphic neural function. Harlan RE, et al. **Prog Brain Res** 1984;61:239–55 (82 ref.)

Voluntary control of systolic blood pressure during postural change. Victor R, et al. **Psychophysiology** 1984 Nov;21(6):673–82

Head-up tilt in the nonhuman primate. Effects of renal denervation. Peterson TV, et al. **Renal Physiol** 1984;7(5):265–74

Glucose induced paradoxical serum potassium elevation exclusively in the upright posture in metoprolol treated hypertensives. Radó JP. **Res Commun Chem Pathol Pharmacol** 1984 Oct;46(1):159–60

Changes in upper airway muscle activity related to head position in awake cats. Bonora M, et al. **Respir Physiol** 1985 May;60(2):181–92

Effect of posture on ventilatory response to steady-state hypoxia and hypercapnia. Mannix SE, et al. **Respir Physiol** 1984 Oct;58(1):87–99

Effects of position on respiratory muscle function during

CO2 rebreathing. Lopata M, et al. **Respiration** 1985; 47(2):98-106

Relationship between pulmonary artery mean pressure and the vertical gradient of perfusion in chronic respiratory diseases. Weitzenblum E, et al. **Respiration** 1984; 46(4):337-41

Prediction of pulmonary hypertension from postural changes of pulmonary transfer factor. Widimský J, et al. **Respiration** 1984;46(3):241-5

Effect of visual illusion, circularvection, in flight simulator on posture control. Sekitani T. **Sangyo Ika Daigaku Zasshi** 1985 Mar 1;7 Suppl:165-76

Platelet number and platelet volume in healthy young men during exercise and changes in posture. Jensen PN, et al. **Scand J Clin Lab Invest** 1984 Dec;44(8):735-8

Regional brain dopamine metabolism: a marker for the speed, direction, and posture of moving animals. Freed CR, et al. **Science** 1985 Jul 5;229(4708):62-5

Sleep position training as treatment for sleep apnea syndrome: a preliminary study. Cartwright RD, et al. **Sleep** 1985; 8(2):87-94

Toward standards for posture. Postural characteristics of the lower back system in normal and pathologic conditions. During J, et al. **Spine** 1985 Jan-Feb;10(1):83-7

Posture related to myoelectric silence of erectores spinae during trunk flexion. Kippers V, et al. **Spine** 1984 Oct; 9(7):740-5

Circadian variation in stature and the effects of spinal loading. Tyrrell AR, et al. **Spine** 1985 Mar;10(2):161-4

Orthostatic transient ischemic attacks: a symptom of large vessel occlusion. Somerville ER. **Stroke** 1984 Nov-Dec; 15(6):1066-7

Pressure measurement on the ischial tuberosity of the human body in sitting position and evaluation of the pressure relieving effect of various cushions. Yang BJ, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jul;83(7):692-8

Abnormalities in the flow-volume loop in obstructive sleep apnoea sitting and supine. Shore ET, et al. **Thorax** 1984 Oct;39(10):775-9

Arousal response induced by postural changes in patients with subacute myelo-optico-neuropathy, 'SMON'. Nakamura R, et al. **Tohoku J Exp Med** 1984 Nov; 144(3):219-25

More on gravity inversion [letter] Goldman RM, et al. **West J Med** 1984 Aug;141(2):247

[The level and laterality of synkinetic segmental hypermotility of vertebrae in the sagittal plane] Jirout J. **Cesk Neurol Neurochir** 1985 May;48(3):158-63 (Eng. Abstr.) **(Cze)**

[The development and significance of synkinetic segmental hypermotility of the cervical vertebrae in the sagittal plane] Jirout J. **Cesk Neurol Neurochir** 1985 May;48(3):154-7 (Eng. Abstr.) **(Cze)**

[Postural development of premature neonates up to the 40th week after birth] Zezuláková J. **Cesk Pediatr** 1985 Jul; 40(7):398-402 (Eng. Abstr.) **(Cze)**

[Getting up suddenly: physiological and clinical significance of acute cardiovascular consequences] Borst C, et al. **Ned Tijdschr Geneeskd** 1985 Jan 26;129(4):156-60 **(Dut)**

[The influence of age on cardiovascular reactions to postural changes] Dambrink JH, et al. **Ned Tijdschr Geneeskd** 1985 Jan 26;129(4):168-71 (Eng. Abstr.) **(Dut)**

[Orthostatic postural behavior of a population of aged subjects with atherosclerosis from the spectral analysis of their stabilogram] Patat A, et al. **Agressologie** 1985 Jan; 26(1):73-7 (Eng. Abstr.) **(Fre)**

[Risk of transportation of patients with major surgery] Favre JP, et al. **Cah Anesthesiol** 1984 Sep;32(5):413-4 **(Fre)**

[Anesthesia for surgery of lumbar herniated disk: the knee-chest position with buttock support] Graftieaux JP, et al. **Cah Anesthesiol** 1984 Nov;32(7):533-41 **(Fre)**

[Sudden infant death. Postmortem flow measurements in the large vessels of the neck for the demonstration of posture-dependent cerebral hypoxemia] Saternus KS, et al. **Dtsch Med Wochenschr** 1985 Feb 22;110(8):297-303 (Eng. Abstr.) **(Ger)**

[Modified patient positioning in long-term hand surgery intervention by regional anesthesia] Tryba M, et al. **Handchir Mikrochir Plast Chir** 1985 Jan;17(1):51-2 (Eng. Abstr.) **(Ger)**

[Positioning, care and physical therapy in severely burned patients] Berger A. **Langenbecks Arch Chir** 1984;364:219-22 (Eng. Abstr.) **(Ger)**

[Inclinometry as a method of registering postural reactions] Hamann KF, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Jul; 63(7):378-80 (Eng. Abstr.) **(Ger)**

[Standardization of electronically evaluated Romberg tests] Holtmann S, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Jul; 63(7):375-7 (Eng. Abstr.) **(Ger)**

[Consequences of presbyopia for the dynamics of sight and work at a terminal] Krueger H. **Soz Praventivmed** 1984; 29(4-5):190-1 (Eng. Abstr.) **(Ger)**

[Polyurethane positioning devices for radiotherapy] Alzen G, et al. **Strahlentherapie** 1985 Jun;161(6):374-8 (Eng. Abstr.) **(Ger)**

[Positioning for postoperative irradiation of patients nephrectomized for cancer--prone or supine position?] Koch HL, et al. **Strahlentherapie** 1985 Jun;161(6):379-81 (Eng. Abstr.) **(Ger)**

[Behavior of pulmonary artery pressure during ergometer stress in sitting position in patients with ischemic heart disease] Schaller K. **Z Gesamte Inn Med** 1984 Jul 15; 39(14):346-8 (Eng. Abstr.) **(Ger)**

[Reconstruction of the sitting position in automobiles by microtrace analysis] Schwarz G, et al. **Z Rechtsmed** 1985; 94(3):213-8 (Eng. Abstr.) **(Ger)**

[Echocardiographic evaluation of the dimension and function of the left ventricle during muscle exercise on the cycloergometer in sitting position in middle-distance runners] Sau F, et al. **Boll Soc Ital Cardiol** 1983 Oct; 28(10):863-74 (Eng. Abstr.) **(Ita)**

[Computerized analysis of the effects of age on posture control] Franchignoni FP, et al. **Minerva Med** 1985 Apr 28;76(17-18):835-9 (Eng. Abstr.) **(Ita)**

[Evaluation of the ability to sustain a prolonged standing posture] Kataoka J, et al. **Ann Physiol Anthropol** 1984 Jan; 3(1):39-45 (Eng. Abstr.) **(Jpn)**

[An application of the maximum likelihood method to identification of a posture control system] Ishida A, et al. **Iyodenshi To Seitai Kogaku** 1984 Oct;22(6):451-4 (Eng. Abstr.) **(Jpn)**

[The effect of body position on intraocular pressure in normal and glaucomatous eyes--a comparative study with pneumatonograph] Shibata T, et al. **Nippon Ganka Gakkai Zasshi** 1985 May;89(5):696-701 (Eng. Abstr.) **(Jpn)**

[A study on development of Landau reaction] Kanda T, et al. **No To Hattatsu** 1985 Jul;17(4):301-6 (Eng. Abstr.) **(Jpn)**

[Prone position intravenous digital subtraction angiography of the pelvis] Kodera K. **Rinsho Hoshasen** 1985 Apr; 30(4):529-30 (Eng. Abstr.) **(Jpn)**

[Some problems in quantification of postural instability with gravinography] Harayama H, et al. **Rinsho Shinkeigaku** 1985 Jan;25(1):50-7 (Eng. Abstr.) **(Jpn)**

[Postural responses to sudden forward tilting load in spinocerebellar degenerations--analysis of evoked responses and silent period] Muroga T, et al. **Rinsho Shinkeigaku** 1985 Jan;25(1):1-5 (Eng. Abstr.) **(Jpn)**

[Postural responses to a sudden forward tilting force in Parkinson's disease--analysis of surface electromyograms of leg muscles and in silent periods] Muroga T, et al. **Rinsho Shinkeigaku** 1985 Feb;25(2):135-40 (Eng. Abstr.) **(Jpn)**

[Changes of silent periods in normal gastrosoleus muscle under the upright position at tilting board] Muroga T, et al. **Rinsho Shinkeigaku** 1985 Mar;25(3):288-93 (Eng. Abstr.) **(Jpn)**

[Effect of working for many years in a standing position on the incidence of flatfoot] Politowski M, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(5):449-54 (Eng. Abstr.) **(Pol)**

[Paracetamol pharmacokinetics in persons in recumbent position] Gawrońska-Szklarz B, et al. **Pol Tyg Lek** 1985 Mar 11;40(10):309-11 (Eng. Abstr.) **(Pol)**

[Pathomechanical analysis of body posture in 11-year-old girls] Wójcik M. **Pol Tyg Lek** 1985 May 13;40(19):541-4 (Eng. Abstr.) **(Pol)**

[Evolution in the choice of body position during labor] Heimrath T. **Wiad Lek** 1984 May 15;37(10):797-9 (Eng. Abstr.) **(Pol)**

[Inactivation of the postural asymmetry factor at the stage of compensation for the postural disorder induced by unilateral removal of the motor area] Danilovskii MA, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):132-5 (Eng. Abstr.) **(Rus)**

[Role of the hypophysis in fixing postural asymmetry at the segmental level in hemisection of the spinal cord] Shul'gina IP, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):394-6 (Eng. Abstr.) **(Rus)**

[Dynamics of the activity of the postural asymmetry factor after unilateral damage to the motor area of the cortex] Varlinskaia EI, et al. **Biull Eksp Biol Med** 1984 Sep; 98(9):281-3 (Eng. Abstr.) **(Rus)**

[Removal of spinal postural asymmetry induced by unilateral destruction of the neocortex by a brain extract from a donor that compensated for an analogous state] Danilovskii MA, et al. **Dokl Akad Nauk SSSR** 1984;278(2):488-91 **(Rus)**

[Duration of the rise and fall intervals of the arterial pulse in the central and peripheral vascular systems in different human postures] Avetikian ShT. **Fiziol Cheloveka** 1984 Mar-Apr;10(2):276-80 **(Rus)**

[Relation between the perception of the position of body parts and movement] Gurfinkel' VS, et al. **Fiziol Cheloveka** 1985 Jan-Feb;11(1):7-11 **(Rus)**

[Vestibular resistance and circulatory changes in orthostatic position during hyperthermia] Sobolevskii VI. **Fiziol Cheloveka** 1985 Mar-Apr;11(2):327-30 **(Rus)**

[Interaction of the motor centers in posture-evoked asymmetry] Avaliani TV, et al. **Fiziol Zh SSSR** 1985 Apr; 71(4):472-9 (Eng. Abstr.) **(Rus)**

[Posture of preparatory-level preschool children and 6-year-old schoolchildren] Dronov IS, et al. **Gig Sanit** 1985 Feb;(2):92-3 **(Rus)**

[Cardiovascular reaction in an orthostatic test on persons with varying levels of general physical work capacity] Ivanov VV. **Gig Tr Prof Zabol** 1985 Jan;(1):47-8 **(Rus)**

[Morphological study of the hypothalamus and hypophysis of Macaca mulatta after experimental antiorthostatic hypokinesia] Alekseev EI, et al. **Kosm Biol Aviakosm Med** 1984 Sep-Oct;18(5):78-81 **(Rus)**

[Adaptive mechanisms in the regulation of blood glucose levels in Macaca mulatta] Belkaniia GS. **Kosm Biol Aviakosm Med** 1984 Nov-Dec;18(6):62-6 (Eng. Abstr.) **(Rus)**

[Comparative characteristics of central hemodynamics and blood redistribution in active and passive orthostatic tests] Belkaniia GS, et al. **Kosm Biol Aviakosm Med** 1985 Jan-Feb;19(1):31-9 (Eng. Abstr.) **(Rus)**

[Long-term antiorthostasis (-90 degrees) of animals as a model of critical disorders of homeostasis] Bogomolov VV, et al. **Kosm Biol Aviakosm Med** 1984 Sep-Oct;18(5):34-8 (Eng. Abstr.) **(Rus)**

[Typological characteristics of hemodynamic states in the orthostatism of healthy persons] Dartsmeliia VA, et al. **Kosm Biol Aviakosm Med** 1985 Mar-Apr;19(2):26-33 (Eng. Abstr.) **(Rus)**

[Effect of short-term head-down tilt hypokinesia on the dynamics of the cardiorespiratory indices during graduated physical loading] Genin AM, et al. **Kosm Biol Aviakosm Med** 1985 Mar-Apr;19(2):43-6 (Eng. Abstr.) **(Rus)**

[Morphological manifestations of the hemodynamic shifts in the lungs in monkeys during head-down tilt hypokinesia] Iakovleva VI, et al. **Kosm Biol Aviakosm Med** 1985 Mar-Apr;19(2):85-7 **(Rus)**

[Vascular mechanisms of adaptation to head-down tilt body posture] Kabesheva TA, et al. **Kosm Biol Aviakosm Med** 1985 Mar-Apr;19(2):35-9 (Eng. Abstr.) **(Rus)**

[Postural reactions in cosmonauts after long flights aboard Salyut-6] Kalinichenko VV, et al. **Kosm Biol Aviakosm Med** 1984 Sep-Oct;18(5):7-10 (Eng. Abstr.) **(Rus)**

[Head-down tilt hypokinesia in monkeys: a morphological study] Kaplanskiĭ AS, et al. **Kosm Biol Aviakosm Med** 1985 Mar-Apr;19(2):53-60 (Eng. Abstr.) **(Rus)**

[Morphological study of the myocardium of monkeys after anti-orthostatic hypokinesia] Kaplanskiĭ AS, et al. **Kosm Biol Aviakosm Med** 1984 Nov-Dec;18(6):44-8 (Eng. Abstr.) **(Rus)**

[Orthostatic circulatory instability: role of deconditioning of resistance vessels] Khaiutin VM, et al. **Kosm Biol Aviakosm Med** 1984 Jul-Aug;18(4):4-12 (22 ref.) (Eng. Abstr.) **(Rus)**

[Water metabolism in monkeys during 14-day anti-orthostatic hypokinesia] Krotov VP, et al. **Kosm Biol Aviakosm Med** 1984 Nov-Dec;18(6):48-54 (Eng. Abstr.) **(Rus)**

[Tolerance of +G2 gravitation overload in persons aged 41-58 years] Luk'ianiuk VIu. **Kosm Biol Aviakosm Med** 1984 Sep-Oct;18(5):18-23 (Eng. Abstr.) **(Rus)**

[Lipid hydrolysis during antiorthostatic hypokinesia in man] Medkova IL, et al. **Kosm Biol Aviakosm Med** 1985 May-Jun;19(3):40-4 (Eng. Abstr.) **(Rus)**

[Effect of long-term hypokinesia on the serum lipid spectrum] Medkova IL, et al. **Kosm Biol Aviakosm Med** 1985 Jan-Feb;19(1):42-5 (Eng. Abstr.) **(Rus)**

[Posture-related changes in hemodynamics in humans after administration of sidnocarb and its combination with obsidan] Modin AIu, et al. **Kosm Biol Aviakosm Med** 1984 Sep-Oct;18(5):54-8 (Eng. Abstr.) **(Rus)**

[Water content of the lungs during 7-day anti-orthostatic hypokinesia] Nikolaenko EM, et al. **Kosm Biol Aviakosm Med** 1984 Nov-Dec;18(6):40-4 (Eng. Abstr.) **(Rus)**

[Changes in the nephrons and juxtaglomerular apparatus of the kidneys of monkeys after antiorthostatic hypokinesia] Pankova AS, et al. **Kosm Biol Aviakosm Med** 1984 Sep-Oct; 18(5):83-6 **(Rus)**

[Adrenal reactions of monkeys to antiorthostatic hypokinesia] Savina EA, et al. **Kosm Biol Aviakosm Med** 1984 Sep-Oct; 18(5):30-4 (Eng. Abstr.) **(Rus)**

[Regulation of physical activity during head-down tilt by action on the sympathetic-adrenal and hypophyseal-adrenal cortical systems] Shirinian EA, et al. **Kosm Biol Aviakosm Med** 1985 Mar-Apr;19(2):87-9 **(Rus)**

[Hemodynamic and cerebral ventricular functions during head-down tilt at -15 degrees] Sokolov VI. **Kosm Biol Aviakosm Med** 1985 Mar-Apr;19(2):39-42 (Eng. Abstr.) **(Rus)**

[Response of the ventricular system of the brain to anti-orthostasis and occlusion of the jugular veins] Sokolov VI. **Kosm Biol Aviakosm Med** 1984 Jul-Aug;18(4):66-9 (Eng. Abstr.) **(Rus)**

[Effect of human body position and its holding on the level of manifestation of spatial illusions in weightlessness] Solodovnik FA, et al. **Kosm Biol Aviakosm Med** 1985 Mar-Apr;19(2):23-6 (Eng. Abstr.) **(Rus)**

[Human amino acid metabolism during combined short-term exposure to head-down tilt hypokinesia and ultraviolet irradiation] Ushakov AS, et al. **Kosm Biol Aviakosm Med** 1985 Mar-Apr;19(2):46-9 (Eng. Abstr.) **(Rus)**

[Effect of 120-day antiorthostatic hypokinesia on gas exchange and pulmonary circulation in humans] Vorob'ev VE, et al. **Kosm Biol Aviakosm Med** 1984 Sep-Oct; 18(5):23-6 (Eng. Abstr.) **(Rus)**

[Changes in regional hemodynamics and gas exchange in healthy males after moderate blood loss and blood reinfusion in response to antiorthostatic hypokinesia] Vorob'ev VE, et al. **Kosm Biol Aviakosm Med** 1985

Jan–Feb;19(1):45–8 (Eng. Abstr.) **(Rus)**

[Bile acid spectrum during 120 days of head-down tilt hypokinesia in man] Zhiznevskaia OV, et al. **Kosm Biol Aviakosm Med** 1985 Mar–Apr;19(2):33–5 (Eng. Abstr.) **(Rus)**

[Analysis of the spike activity of the neuronal population of the motor cortex in the cat during a postural change conditioned reflex] Busel' BI, et al. **Neirofiziologiia** 1985; 17(1):93–102 (Eng. Abstr.) **(Rus)**

[Activity of motor cortex neurons in the cat during a conditioned postural change reflex] Busel' BI, et al. **Neirofiziologiia** 1984;16(6):745–53 (Eng. Abstr.) **(Rus)**

[An active short-term orthostatic test for the determination of blood circulation of the lower limbs] Vlasov VD, et al. **Voen Med Zh** 1984 Aug;(8):47–8 **(Rus)**

[Modification of the cardiac component in the orthostatic reaction during thermal action] Kuz'menko VA. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan–Feb;(1):54–6 **(Rus)**

[Changes in various indicators of orthostatic stability in humans on long-term low-caloric diets] Tsyganov EP, et al. **Vopr Pitan** 1984 Nov–Dec;(6):31–3 (Eng. Abstr.) **(Rus)**

[Characteristics of hemodynamics in the passive orthostatic test] Komissarov VA. **Vrach Delo** 1985 Jun;(6):33–5 (Eng. Abstr.) **(Rus)**

[Participation of the head of the caudate nucleus of the dog in mechanisms of conditioned reflex postural reorganization] Shapovalova KB, et al. **Zh Vyssh Nerv Deiat** 1984 Jul–Aug;34(4):669–77 (Eng. Abstr.) **(Rus)**

[Conditioned posture changes in dogs after systemic administration of dopaminergic agents] Shapovalova KB. **Zh Vyssh Nerv Deiat** 1984 Nov–Dec;34(6):1057–65 (Eng. Abstr.) **(Rus)**

[Notes from medical terminology (25)] Loknar V. **Lijec Vjesn** 1985 Jan;107(1):43 **(Scr)**

[Incidence of deviations in body posture in school-age children and young people of various ages] Savić K. **Med Pregl** 1985;38(3–4):189–92 (Eng. Abstr.) **(Scr)**

[Postural aberrations caused by sinusoidal galvanic stimulation of the labyrinths during various postural positions] Križková M, et al. **Bratisl Lek Listy** 1985 Jul; 84(1):11–8 (Eng. Abstr.) **(Slo)**

[Regulatory mechanisms of spinal cord monosynaptic reflexes and posture] Podivinský F, et al. **Bratisl Lek Listy** 1985 Apr;83(4):373–82 (Eng. Abstr.) **(Slo)**

[Effects of orthostatism on heart rate and arterial pressure in sedentary subjects and in those in good physical condition] Rivera Cisneros AE, et al. **Arch Inst Cardiol Mex** 1984 Nov–Dec;54(6):585–92 (Eng. Abstr.) **(Spa)**

[The sitting position. A source of knowledge] Gilsanz FJ. **Rev Esp Anestesiol Reanim** 1985 Jan–Feb;32(1):1–2 **(Spa)**

DRUG EFFECTS

Postural instability as a measure of sedative drug response. Swift CG. **Br J Clin Pharmacol** 1984;18 Suppl 1:87S–90S (22 ref.)

Rotation and postural deviation elicited by microinjections of dopamine into medial and lateral regions of dorsal striatum. Joyce JN, et al. **Pharmacol Biochem Behav** 1984 Dec;21(6):979–81

Effects of ovariectomy and estrogen replacement on intrastriatal dopamine-elicited postural deviation. Smith RL, et al. **Pharmacol Biochem Behav** 1985 May; 22(5):689–93

POTASSIUM

see related
HYPERKALEMIA
HYPOKALEMIA

The measurement of sodium and potassium intake. Caggiula AW, et al. **Am J Clin Nutr** 1985 Sep;42(3):391–8

Comparison of crystalloid and sanguineous cardioplegic solutions in the dog. Spackman CJ, et al. **Am J Vet Res** 1985 Jun;46(6):1330–4

Comparison of blood cardioplegia to electrolyte cardioplegia on the effectiveness of preservation of right atrial myocardium: mitochondrial morphometric study. Chen YF, et al. **Ann Thorac Surg** 1985 Feb;39(2):134–8

Interactions between pharmacological cardioplegia and hypothermia for intraoperative myocardial protection. Chiavarelli M, et al. **Ann Thorac Surg** 1985 Mar; 39(3):218–22

Intraoperative myocardial protection: a comparison of blood and asanguineous cardioplegia. Codd JE, et al. **Ann Thorac Surg** 1985 Feb;39(2):125–33

Oscillation of electrical potential in a porous membrane doped with glycerol alpha-monooleate induced by an Na+/K+ concentration gradient. Yoshikawa K, et al. **Biophys Chem** 1984 Aug;20(1–2):107–9

Self-excitation in a porous membrane doped with sorbitan monooleate (Span-80) induced by an Na+/K+ concentration gradient. Yoshikawa K, et al. **Biophys Chem** 1985 Jan;21(1):33–9

Interaction of K+ ion with the solvated gramicidin A transmembrane channel. Kim KS, et al. **Biophys J** 1985 Mar;47(3):327–35

Myocardial recovery after hypothermic arrest: a comparison of oxygenated crystalloid to blood cardioplegia. The role of calcium. Heitmiller RF, et al. **Circulation** 1985 Sep;72(3 Pt 2):II241–53

Cold storage (8 C) of islets of Langerhans in a high-potassium 'intracellular medium': near-normal insulin release and morphology after one week. Frankel BJ, et al. **J Endocrinol Invest** 1985 Feb;8(1):59–62

Functional and histologic changes in vein grafts exposed to crystalloid potassium cardioplegic solution. Newsom BD, et al. **J Surg Res** 1985 Aug;39(2):133–9

Right ventricular dysfunction following cold potassium cardioplegia. Christakis GT, et al. **J Thorac Cardiovasc Surg** 1985 Aug;90(2):243–50

Myocardial metabolism and ventricular function following cold potassium cardioplegia. Fremes SE, et al. **J Thorac Cardiovasc Surg** 1985 Apr;89(4):531–46

A clinical trial of blood and crystalloid cardioplegia. Fremes SE, et al. **J Thorac Cardiovasc Surg** 1984 Nov;88(5 Pt 1):726–41

Improved myocardial recovery after cardioplegic arrest with an oxygenated crystalloid solution. Guyton RA, et al. **J Thorac Cardiovasc Surg** 1985 Jun;89(6):877–87

Improved myocardial protection with blood and crystalloid cardioplegia. Weisel RD, et al. **J Vasc Surg** 1984 Sep; 1(5):656–9

[The protective effects on the myocardium of intermittent coronary perfusion with cold potassium cardioplegia––evaluation by myocardial surface pH] Ishimaru S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Nov;32(11):1902–9 (Eng. Abstr.) **(Jpn)**

[Physicochemical pitfall of cardioplegic solutions] Sakurai J, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jul; 32(7):1030–4 (Eng. Abstr.) **(Jpn)**

[The effects of hematocrit and aortic occlusion time in blood and crystalloid cardioplegia solutions] Sasaki T. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Mar;33(3):304–12 (Eng. Abstr.) **(Jpn)**

[Myocardial protective effect and negative inotropic effect of verapamil in potassium cardioplegia] Suzuki Y. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jun;32(6):903–12 (Eng. Abstr.) **(Jpn)**

[Importance of the concentrations of glucose and sodium in blood cardioplegia and its advantage to oxygenated crystalloid cardioplegia] Hashimoto R, et al. **Rinsho Kyobu Geka** 1984 Sep;4(5):531–8 (Eng. Abstr.) **(Jpn)**

[Clinical experience of oxygenated cold crystalloid cardioplegic solution] Kikuchi S, et al. **Rinsho Kyobu Geka** 1984 Jul;4(4):408–12 (Eng. Abstr.) **(Jpn)**

[Is alkalosis necessary for blood cardioplegic solution?] Tamura F, et al. **Rinsho Kyobu Geka** 1984 Jul;4(4):418–21 (Eng. Abstr.) **(Jpn)**

[Bacterial contamination of the air in deep potassium mines] Ashel'rod AA, et al. **Gig Tr Prof Zabol** 1985 Apr;(4):10–3 (Eng. Abstr.) **(Rus)**

[Dermatologic morbidity and skin function in miners in deep potassium mines] Ashel'rod AA, et al. **Vestn Dermatol Venerol** 1985 Jun;(6):34–8 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Improved myocardial contractility with glucose-insulin-potassium infusion during pacing in coronary artery disease. McDaniel HG, et al. **Am J Cardiol** 1985 Apr 1;55(8):932–6

Sodium and potassium intake and balance in adults consuming self-selected diets. Holbrook JT, et al. **Am J Clin Nutr** 1984 Oct;40(4):786–93

Correlations of changes in dietary potassium and sodium with blood pressure during a one-year study. Holbrook JT, et al. **Am J Clin Nutr** 1984 Dec;40(6 Suppl):1390–2

Potassium, calcium, alcohol intake and blood pressure: the Zutphen Study. Kromhout D, et al. **Am J Clin Nutr** 1985 Jun;41(6):1299–304

Potassium supplementation via the dialysate in continuous ambulatory peritoneal dialysis. Spital A, et al. **Am J Kidney Dis** 1985 Sep;6(3):173–6

Moderate sodium restriction and potassium supplementation in essential hypertension. Richards AM, et al. **Clin Exp Pharmacol Physiol** 1984 Jul–Aug;11(4):375–9

Interrelationships between blood pressure, sodium, potassium, serum cholesterol, and protein intake in Japanese. Kihara M, et al. **Hypertension** 1984 Sep–Oct; 6(5):736–42

Cholesterol, saturated fatty acids, polyunsaturated fatty acids, sodium, and potassium intakes of the United States population. Fischer DR, et al. **J Am Coll Nutr** 1985; 4(2):207–24

Salt substitutes and medicinal potassium sources: risks and benefits. Riccardella D, et al. **J Am Diet Assoc** 1985 Apr; 85(4):471–4

Inter-relationships between sodium and potassium intake and the blood pressure effects of ACTH in sheep. Humphrey TJ, et al. **J Hypertens** 1983 Jun;1(1):19–26

Hemodynamic, renal, and hormonal responses to changes in dietary potassium in normotensive and hypertensive man: long-term antihypertensive effect of potassium supplementation in essential hypertension. Overlack A, et al. **Klin Wochenschr** 1985 Apr 15;63(8):352–60

Dietary potassium and hypertension [editorial] **Lancet** 1985 Jun 8;1(8441):1308–9

Effects of high-K low-Na, diltiazem, caffeine and Ba on spontaneous fluctuating contractile activities in rat cardiac muscle. Ishide N, et al. **Tohoku J Exp Med** 1984 Dec; 144(4):331–41

[Prevention and treatment of hypokalemia during and after intracardiac surgery under extracorporeal circulation. III. Administration of a predetermined amount of potassium for supplement during perfusion] Li SG. **Chung Hua I Hsueh Tsa Chih** 1984 Oct;64(10):615–7 (Eng. Abstr.) **(Chi)**

[Experimental study on the optimal potassium and magnesium concentrations in the cardioplegic solution] Takahashi J, et al. **Nippon Geka Gakkai Zasshi** 1984 Jun;85(6):534–40 (Eng. Abstr.) **(Jpn)**

[The optimal potassium concentration in cardioplegic solutions] Kito Y, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Feb;33(2):224–8 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Ventricular fibrillation during coronary angiography: association with potassium-containing glyceryl trinitrate. Quigley PJ, et al. **Am J Cardiol** 1985 Jul 1;56(1):191

Cellular mechanism relating sodium and potassium to hypertension. Zhao GS, et al. **Ann Clin Res** 1984;16 Suppl 43:55–61

Electrical behavior of the heart after high-potassium cardioplegia [letter] Preusse CJ. **Ann Thorac Surg** 1985 Feb; 39(2):197–8

Combined therapy with captopril and potassium supplementation. A potential for hyperkalemia. Burnakis TG, et al. **Arch Intern Med** 1984 Dec;144(12):2371–2

Hepatic angiosarcoma and bronchioloalveolar carcinoma induced by Fowler's solution. Kasper ML, et al. **JAMA** 1984 Dec 28;252(24):3407–8

Severe hyperkalemia caused by indomethacin and potassium supplementation. Akbarpour F, et al. **South Med J** 1985 Jun;78(6):756–7

[Multiple basalomas following long-term intake of arsenic] Kastl J, et al. **Dermatol Monatsschr** 1985;171(3):158–61 (Eng. Abstr.) **(Ger)**

ANALYSIS

Correlations between PRL and chloride, sodium, potassium and calcium in amniotic fluid. Andersen JR, et al. **Acta Obstet Gynecol Scand** 1985;64(3):227–9

The developing electrolytes concentrations of inner ear fluids in guinea pigs. Kanoh N, et al. **Acta Otolaryngol (Stockh)** 1985 May–Jun;99(5–6):525–8

Effects of pure tone on endocochlear potential and potassium ion concentration in the guinea pig cochlea. Vassout P. **Acta Otolaryngol (Stockh)** 1984 Sep–Oct;98(3–4):199–203

The internal concentration of K+ in isolated rat liver mitochondria. Sorgo R, et al. **Biochim Biophys Acta** 1985 Feb 22;806(2):272–6

Interstitial potassium concentration, slow depolarization and focal potential responses in the dorsal horn of the rat spinal slice. Urbán L, et al. **Brain Res** 1985 Apr 1;331(1):168–71

Effect of serial brief ischemic episodes on extracellular K+, pH, and activation in the pig. Fleet WF, et al. **Circulation** 1985 Oct;72(4):922–32

Neglect of potassium binding to bicarbonate may result in overestimation of the residual liquid junction potential [letter] Boink FB, et al. **Clin Chem** 1985 Mar;31(3):496–7

Automated determinations of K+ and Li+ with a microprocessor-controlled flame photometer [letter] Soltero RA. **Clin Chem** 1985 Jun;31(6):1094

Reconsideration of the indirect measurements of intracellular Na and K concentrations in the rat skeletal muscles. Nagaoka R, et al. **Comp Biochem Physiol [A]** 1984; 79(4):551–4

Lithium, sodium, potassium and rubidium cation concentrations during the development of certain organs of unborn rabbits. Palavinskas R, et al. **Comp Biochem Physiol [A]** 1984;79(1):77–80

Potassium, pentylenetetrazol, and anticonvulsants in mouse hippocampal slices. Piredda S, et al. **Epilepsia** 1985 Mar–Apr;26(2):167–74

Ion compartmentalization in frog oocytes as demonstrated by X-ray microanalysis. Burovina IV, et al. **Gen Physiol Biophys** 1985 Jun;4(3):309–19

Patterns of K/N ratios with growth of guinea pig, beagle, and pig. Sheng HP, et al. **Growth** 1985 Spring;49(1):141–53

X-ray microanalysis of calcium, potassium, and phosphorus in liver mitochondria stressed by carbon tetrachloride. Millette JR, et al. **J Anal Toxicol** 1985 Jul–Aug;9(4):145–51

Age-related changes in bone in the dog: fluid spaces and their potassium content. Pinto MR, et al. **J Orthop Res** 1984;2(1):2–7

Sodium and potassium distribution in the lactating mouse mammary gland in vivo. Berga SE, et al. **J Physiol (Lond)** 1985 Apr;361:219–30

Diagnosis of hydatid cyst by percutaneous aspiration: value of electrolyte determinations. Livraghi T, et al. **JCU** 1985 Jun;13(5):333–7

Myotonic dystrophy: effect of testosterone on total body potassium and on creatinine excretion. Griggs RC, et al. **Neurology** 1985 Jul;35(7):1035–40

Nuclear-cytoplasmic distribution of ions in the hepatocyte. Cameron IL, et al. **Physiol Chem Phys Med NMR** 1984; 16(6):521–5

Major metals in human cancer: calcium, magnesium, sodium and potassium. Ranade SS, et al. **Sci Total Environ** 1985 Jan;41(1):79-89

[Changes in cerebral calcium, sodium and potassium after single or repeated administration of lithium in the rat] Scotto di Tella AM, et al. **Encephale** 1985 Mar-Apr; 11(2):53-6 (Eng. Abstr.) **(Fre)**

[Variations in salivary and blood transaminases, electrolytes and LDH in cardiopathy patients] Re G, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):213-8 (Eng. Abstr.) **(Ita)**

[Experimental study on the optimal sodium, potassium and magnesium concentrations in the cardioplegic solution] Takahashi J, et al. **Rinsho Kyobu Geka** 1984 Jul;4(4):402-7 (Eng. Abstr.) **(Jpn)**

[Stability of the potassium salt of benzylpenicillin and sodium salts of ampicillin and cloxacillin in various infusion solutions] Piwowarska M, et al. **Acta Pol Pharm** 1984; 41(3):369-73 (Eng. Abstr.) **(Pol)**

[Sodium, potassium and calcium concentrations in human milk in the early puerperium] Lembrych S, et al. **Wiad Lek** 1984 Dec 15;37(24):1926-30 (Eng. Abstr.) **(Pol)**

[Changes in the concentration of Na+ and K+ in the skeletal muscles of the rat during adaptation to cold] Medvedev LN. **Fiziol Zh SSSR** 1985 Jun;71(6):750-2 (Eng. Abstr.) **(Rus)**

[Postmortem diagnosis of ventricular fibrillation in acute coronary insufficiency] Aleksandri AL, et al. **Kardiologiia** 1984 Dec;24(12):62-5 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Nifedipine inhibits human bronchial smooth muscle contractions induced by leukotrienes C4 and D4, prostaglandin F2 alpha, and potassium. Kohrogi H, et al. **Am Rev Respir Dis** 1985 Aug;132(2):299-304

Inhibition of potassium-induced contracture of the isolated rat aorta by amiloride. Pinon JF, et al. **Arzneimittelforsch** 1985;35(1A):421-3

Fructose-1,6-diphosphate counteracts potassium effects on cardiac muscle. Cattani L, et al. **Pharmacol Res Commun** 1984 Aug;16(8):785-93

BLOOD

Cardiac dysrhythmias in patients with acute myocardial infarction. Relation to serum potassium level and prior diuretic therapy. Dyckner T, et al. **Acta Med Scand** 1984; 216(1):127-32

Hypokalemia, arrhythmias and early prognosis in acute myocardial infarction. Nordrehaug JE. **Acta Med Scand** 1985;217(3):299-306

Effects of digitoxin and hypokalaemia on pancreatic NaHCO3 secretion and pancreatic Na,K-ATPase activity. Grotmol T, et al. **Acta Physiol Scand** 1985 May; 124(1):71-80

Serum potassium levels, red-blood-cell potassium and alterations of the repolarization phase of electrocardiography in old subjects. Barbagallo Sangiorgi G, et al. **Age Ageing** 1984 Sep;13(5):309-12

Alcohol and the calcium-dependent potassium transport of human erythrocytes. Harris RA, et al. **Alcohol** 1985 Jan-Feb;2(1):149-52

Hypokalemia from beta 2-receptor stimulation by circulating epinephrine. Brown MJ. **Am J Cardiol** 1985 Aug 30; 56(6):3D-9D

Effects of exercise on blood pressure, plasma catecholamines, potassium and the electrocardiogram after diuretic and neural-blocking therapy for moderate hypertension. DeQuattro V, et al. **Am J Cardiol** 1985 Aug 30; 56(6):39D-45D

Early changes in plasma and urinary potassium in diuretic-treated patients with systemic hypertension. Papademetriou V, et al. **Am J Cardiol** 1984 Nov 1; 54(8):1015-9

Prevention of epinephrine-induced hypokalemia by nonselective beta blockers. Vincent HH, et al. **Am J Cardiol** 1985 Aug 30;56(6):10D-14D

Potassium and magnesium abnormalities: diuretics and arrhythmias in hypertension. Hollifield JW. **Am J Med** 1984 Nov 5;77(5A):28-32

Erythrocyte concentrations and transmembrane fluxes of sodium and potassium and biochemical measurements during the menstrual cycle in normal women. M'Buyamba-Kabangu JR, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):687-93

Passive sodium and potassium movements in sickle erythrocytes. Berkowitz LR, et al. **Am J Physiol** 1985 Sep; 249(3 Pt 1):C208-14

Cell volume and metabolic dependence of NEM-activated K+-Cl- flux in human red blood cells. Lauf PK, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C124-8

Passive K+-Cl- fluxes in low-K+ sheep erythrocytes: modulation by A23187 and bivalent cations. Lauf PK. **Am J Physiol** 1985 Sep;249(3 Pt 1):C271-8

Iodoacetic acid inhibition of calcium-dependent potassium efflux in red blood cells. Plishker GA. **Am J Physiol** 1985 May;248(5 Pt 1):C419-24

Effect of thiopental and succinylcholine on serum potassium concentrations in children. Dierdorf SF, et al. **Anesth Analg** 1984 Dec;63(12):1136-8

Effect of succinylcholine on plasma potassium in children with cerebral palsy. Dierdorf SF, et al. **Anesthesiology** 1985 Jan;62(1):88-90

Exaggerated increase in serum potassium following succinylcholine in dogs with beta blockade. McCammon RL, et al. **Anesthesiology** 1984 Dec;61(6):723-5

Sheep twin chimaeras with admixtures of red cell amino acid and potassium transport phenotypes. Tucker EM, et al. **Anim Blood Groups Biochem Genet** 1985;16(2):157-60

A comparison of the measurement of sodium and potassium by flame photometry and ion-selective electrode. Worth HG. **Ann Clin Biochem** 1985 Jul;22 (Pt 4):343-50 (47 ref.)

Diurnal variations in prolactin secretion and serum Na+ and K+ concentrations in the freshwater catfish. Clarias batrachus. Singh SP, et al. **Ann Endocrinol (Paris)** 1984; 45(2):137-41

Theophylline overdose and metabolic abnormalities [letter] Zell M, et al. **Ann Intern Med** 1985 Apr;102(4):562

Intracellular concentration and transmembrane fluxes of sodium and potassium in erythrocytes of normal men and women. M'Buyamba-Kabangu JR, et al. **Arch Gynecol** 1985;236(4):219-24

Factitious lowering of the serum potassium level after cardiopulmonary resuscitation. Implications for evaluating the arrhythmogenicity of hypokalemia in acute myocardial infarction. Isner JM, et al. **Arch Intern Med** 1985 Jan; 145(1):161-2

Metabolic effects of beta adrenoceptor blockade. Kendall MJ, et al. **Arq Bras Cardiol** 1984 Sep;43(3):201-7 (64 ref.)

Effects of A23187 and Ca2+ on volume- and thiol-stimulated, ouabain-resistant K+Cl- fluxes in low K+ fluxes in low K+ sheep erythrocytes. Lauf PK, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):790-6

p-Chloromercuribenzenesulfonic acid stimulation of chloride-dependent sodium and potassium transport in human red blood cells. Haas M, et al. **Biochim Biophys Acta** 1985 Mar 28;814(1):43-9

Lead-induced activation and inhibition of potassium-selective channels in the human red blood cell. Shields M, et al. **Biochim Biophys Acta** 1985 May 14; 815(2):223-32

Effects of N-ethylmaleimide on ouabain-insensitive cation fluxes in human red cell ghosts. Smith DK, et al. **Biochim Biophys Acta** 1985 Aug 27;818(2):251-9

The Ca2+-sensitive K+-conductance of the human red cell membrane is strongly dependent on cellular pH. Stampe P, et al. **Biochim Biophys Acta** 1985 May 14;815(2):313-21

Effects of ATP and cyclic AMP on the (Na+ + K+ + 2Cl-)-cotransport system in turkey erythrocytes. Ueberschär S, et al. **Biochim Biophys Acta** 1985 Aug 27; 818(2):260-6

The membrane signal in human leukocyte: evidence for a calcium-dependent potassium permeability in A 23187-induced-triggering of arachidonate cascade. Braquet M, et al. **Biomed Biochim Acta** 1984;43(8-9):S366-72

The effect of an osmotic pressure gradient and lysophosphatidylcholine on the transient and constant potassium permeability properties of the erythrocyte membrane. Eskelinen S, et al. **Biomed Biochim Acta** 1984; 43(7):947-53

In vivo modulation of outward Na+, K+ cotransport by oestradiol and progesterone in rat red cells. Franck D, et al. **Biomed Biochim Acta** 1984;43(6):S91-3

Effect of posture and a mineralocorticoid on the glucose-induced hypokalemia in man. Radó JP, et al. **Biomed Pharmacother** 1984;38(4):212-3

Effect of timolol on changes in serum potassium concentration during acute myocardial infarction. Nordrehaug JE, et al. **Br Heart J** 1985 Apr;53(4):388-93

Relative potency of prorenoate potassium and spironolactone in attenuating diuretic induced hypokalaemia. McInnes GT, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):169-74

Hydrochlorothiazide-amiloride versus hydrochlorothiazide alone for essential hypertension: effects on blood pressure and serum potassium level. Larochelle P, et al. **Can Med Assoc J** 1985 Apr 1;132(7):801-5

Serum potassium concentration as a risk factor of ventricular arrhythmias early in acute myocardial infarction. Nordrehaug JE, et al. **Circulation** 1985 Apr;71(4):645-9

Ion-selective electrodes for sodium and potassium: a new problem of what is measured and what should be reported. Maas AH, et al. **Clin Chem** 1985 Mar;31(3):482-5

The Technicon RA-1000 evaluated for measuring sodium, potassium, chloride, and carbon dioxide. Ng RH, et al. **Clin Chem** 1985 Mar;31(3):435-8

Reliability of the Hitachi sodium and potassium electrodes assessed. Winkel P, et al. **Clin Chem** 1985 Mar;31(3):457-9

Colorimetric determination of potassium in whole blood, serum, and plasma. Wong ST, et al. **Clin Chem** 1985 Sep; 31(9):1464-7

The role of insulin in beta 2-receptor mediated hypokalemia [letter] Massara F, et al. **Clin Endocrinol (Oxf)** 1985 Feb; 22(2):227-30

The erythrocyte sodium-potassium cotransport in hypertensive patients: advantages and limitations. Krzesinski JM, et al. **Clin Exp Hypertens [A]** 1985; 7(4):553-72

Changes in serum potassium in premature infants receiving packed red blood cells. Wiley JF, et al. **Clin Lab Haematol** 1985;7(1):27-31

Mechanism of impaired urinary concentrating ability in normokalemic primary aldosteronism. Conte G, et al. **Clin Nephrol** 1984 Aug;22(2):91-6

Frusemide-sensitive sodium and potassium transport by human leucocytes. Johnson VE, et al. **Clin Sci** 1985 Jan; 68(1):89-91

Malignant arrhythmias in acute myocardial infarction. Relationship to serum potassium and effect of selective and non-selective beta-blockade. Johansson BW, et al. **Drugs** 1984 Oct;28 Suppl 1:77-85

Ventricular arrhythmias in patients with myocardial infarction and ischaemia. Relationship to serum potassium and magnesium. Solomon RJ. **Drugs** 1984 Oct;28 Suppl 1:66-76

The relevance of red cell potassium in diagnosis [editorial] Frape DL. **Equine Vet J** 1984 Sep;16(5):401-2

Determination of red blood cell potassium content in horses with diarrhoea: a practical approach for therapy. Muylle E, et al. **Equine Vet J** 1984 Sep;16(5):450-2

Potassium concentration in equine red blood cells: normal values and correlation with potassium levels in plasma. Muylle E, et al. **Equine Vet J** 1984 Sep;16(5):447-9

Ca2+-activated K+ permeability in human erythrocytes: modulation of single-channel events. Grygorczyk R, et al. **Eur Biophys J** 1985;12(2):57-65

Insulin in vivo increases the in vitro fall of plasma potassium concentration in human venous blood. Kalsheker NA, et al. **Eur J Clin Invest** 1985 Jun;15(3):113-20

Piretanide, a potassium stable diuretic, in the treatment of essential hypertension. Verho M, et al. **Eur J Clin Pharmacol** 1984;27(4):407-14

Effects of anesthetic and anticonvulsant drugs on calcium-dependent efflux of potassium from human erythrocytes. Caldwell KK, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):119-25

Prediction of hyperkalemia associated with prolonged treatment with captopril by glucose-induced acute serum potassium changes. Radó JP. **Exp Clin Endocrinol** 1984 Oct; 84(2):143-7

Inhibitory effect of calmodulin inhibitors on palytoxin-induced K+ release from rabbit erythrocytes. Nagase H, et al. **FEBS Lett** 1984 Dec 3;178(1):44-6

Monovalent plasma ion regulation in the hypophysectomized Atlantic salmon. Komourdjian MP. **Gen Comp Endocrinol** 1984 Nov;56(2):278-82

Potassium imbalance in the coronary care unit. Huerta BJ, et al. **Heart Lung** 1985 Mar;14(2):193-5

Metabolic effects of salbutamol in bronchial asthma. Gupta SC, et al. **J Assoc Physicians India** 1984 Jul;32(7):579-80

(Na,K)-ATPase and Ouabain binding in reticulocytes from dogs with high K and low K erythrocytes and their changes during maturation. Maede Y, et al. **J Biol Chem** 1985 Mar 25;260(6):3337-43

Effects of ketanserin on the intracellular concentration and transmembrane fluxes of sodium and potassium in erythrocytes of normal male subjects. Lijnen P, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S38-40

The impact of diuretics on potassium and glucose. Sowers JR. **J Cardiovasc Pharmacol** 1984;6 Suppl 3:S477-82

Modulation of Ca2+-mediated K+-gating of erythrocyte ghosts by external Ca-EGTA. Benjamin AM, et al. **J Cell Physiol** 1984 Dec;121(3):508-16

The effect of intravenously administered salbutamol on serum potassium in asthmatic and nonasthmatic atopic subjects. Marazzini L, et al. **J Clin Immunol** 1985 May;5(3):195-203

Role of the endocrine pancreas in the kalemic response to acute metabolic acidosis in conscious dogs. Adrogué HJ, et al. **J Clin Invest** 1985 Mar;75(3):798-808

Differential acute effects of aldosterone, dexamethasone, and hyperkalemia on distal tubular potassium secretion in the rat kidney. Field MJ, et al. **J Clin Invest** 1984 Nov; 74(5):1792-802

Correction of hypokalemia corrects the abnormalities in erythrocyte sodium transport in Bartter's syndrome. Korff JM, et al. **J Clin Invest** 1984 Nov;74(5):1724-9

Race and sex differences in erythrocyte Na+, K+, and Na+-K+-adenosine triphosphatase. Lasker N, et al. **J Clin Invest** 1985 Jun;75(6):1813-20

Blood pressure and metabolic effects of 9 alpha-fluorocorticosterone and 9 alpha-fluorodeoxycorticosterone in sheep. Scoggins BA, et al. **J Endocrinol** 1985 Feb;104(2):291-4

Effect of norepinephrine on swelling-induced potassium transport in duck red cells. Evidence against a volume-regulatory decrease under physiological conditions. Haas M, et al. **J Gen Physiol** 1985 May; 85(5):649-67

Potassium influx into erythrocytes in essential hypertension. Bin Talib HK, et al. **J Hypertens** 1984 Aug;2(4):405-9

Effects of prolonged and brief infusions of noradrenaline on arterial pressure and on the plasma concentrations of active renin, angiotensin II, aldosterone and potassium. Casals-Stenzel J, et al. **J Hypertens** 1983 Jun;1(1):27-35

Family history of hypertension and red cell cation transport in high school students. Cooper R, et al. **J Hypertens** 1983 Aug;1(2):145-52

The Li-Na exchange in red cells of essential hypertensive patients with low Na-K cotransport. Dagher G, et al. **J Hypertens** 1984 Apr;2(2):195-201

Arterial blood pressure and plasma and body electrolytes in idiopathic hyperaldosteronism: a comparison with primary hyperaldosteronism (Conn's syndrome) and essential hypertension. Lasaridis A, et al. **J Hypertens** 1984 Aug;2(4):329-36

Intracellular concentration and transmembrane fluxes of sodium and potassium in erythrocytes of white normal male subjects with and without a family history of hypertension. Lijnen P, et al. **J Hypertens** 1984 Feb;2(1):25–30

Racial differences in intracellular concentration and transmembrane fluxes of sodium and potassium in erythrocytes of normal male subjects. M'Buyamba-Kabangu JR, et al. **J Hypertens** 1984 Dec; 2(6):647–51

Effect of metabolic depletion on the furosemide-sensitive Na and K fluxes in human red cells. Dagher G, et al. **J Membr Biol** 1985;86(2):145–55

Measurement and stoichiometry of bumetanide-sensitive (2Na:1K:3Cl) cotransport in ferret red cells. Hall AC, et al. **J Membr Biol** 1985;85(3):205–13

Effects of intravenous glucose or epinephrine injection on plasma concentrations of potassium, magnesium and insulin in sheep. Yano H, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Dec;30(6):535–40

Effect of intraperitoneal 32% dextran 70 on blood coagulation and serum electrolytes. Tulandi T, et al. **J Reprod Med** 1985 May;30(5):431–4

Comparison of normal values of sodium and potassium in plasma of adult Nigerians with those of adult Europeans. Nduka N, et al. **J Trop Med Hyg** 1985 Feb;88(1):37–9

Anemia and potassium permeability of red blood cells in analbuminemic rats. Sugiyama K, et al. **Jikken Dobutsu** 1984 Jul;33(3):307–18

Abnormal red cell sodium content and efflux in Japanese patients with essential hypertension. Saito K, et al. **Jpn Circ J** 1984 Sep;48(9):980–7

Intralymphocytic potassium content and blood pressure: their relationship at rest and during isometric exercise. Ambrosioni E, et al. **Klin Wochenschr** 1985;63 Suppl 3:9–11

Red cell Na+ -K+ transport in various forms of human hypertension. Role of cardiovascular risk factors and plasma potassium. Behr J, et al. **Klin Wochenschr** 1985;63 Suppl 3:63–5

The regulation of Na-K cotransport system and essential hypertension. Canessa M, et al. **Klin Wochenschr** 1985;63 Suppl 3:52–4

Mechanisms of altered myocardial contractility during hemodialysis: importance of changes in the ionized calcium to plasma potassium ratio. Kramer W, et al. **Klin Wochenschr** 1985 Mar 15;63(6):272–8

Altered erythrocyte cation transport related to hypertension or oral contraception. Stokes GS, et al. **Klin Wochenschr** 1985;63 Suppl 3:42–4

Errors in blood glucose and potassium determination [letter] Ricci N, et al. **Lancet** 1985 Mar 2;1(8427):521

Racial differences in bumetanide-sensitive cotransport and N-ethylmaleimide-stimulated potassium efflux. Weder AB, et al. **Life Sci** 1985 May 13;36(19):1813–8

The hypokalemic, bowel, bladder, headache relationship; a new syndrome. The role of the potassium ammonia axis. Cohen PG. **Med Hypotheses** 1984 Oct;15(2):135–40

Erythrocyte cationic transport systems in normal male and female volunteers. Lijnen P, et al. **Methods Find Exp Clin Pharmacol** 1985 Jan;7(1):35–40

The difference between serum and plasma potassium [letter] Hyman D, et al. **N Engl J Med** 1985 Sep 5;313(10):642

Catecholamine modulation of rapid potassium shifts during exercise. Williams ME, et al. **N Engl J Med** 1985 Mar 28; 312(13):823–7

Serum potassium concentrations in cyclosporine- and azathioprine-treated renal transplant patients. Foley RJ, et al. **Nephron** 1985;40(3):280–5

Plasma potassium and blood pH following physical exercise in dialysis patients [letter] Huber W, et al. **Nephron** 1985; 40(3):383–4

Methylphenidate, but not other CNS stimulants, inhibits red blood cell calcium-activated potassium efflux. Lackington I, et al. **Pharmacol Res Commun** 1985 Jan;17(1):63–8

Quantitative relationships between the concentration of proteins and the concentration of K+ and Na+ in red cell ghosts. Ling GN, et al. **Physiol Chem Phys Med NMR** 1984;16(5):381–92

Aldosterone response to modulation of potassium in patients on dialysis or with essential hypertension. Olgaard K, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:815–9

Effect of dialysate buffer on potassium removal during haemodialysis. Williams AJ, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:209–14

23Na and 39K NMR studies of ion transport in human erythrocytes. Ogino T, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1099–103

Acidaemia and hyperkalaemia following low-voltage electric shock in the anaesthetized cat. Bradford A, et al. **Q J Exp Physiol** 1985 Jan;70(1):101–13

Glucose induced paradoxical serum potassium elevation exclusively in the upright posture in metoprolol treated hypertensives. Radó JP. **Res Commun Chem Pathol Pharmacol** 1984 Oct; 46(1):159–60

Effects of piretanide on potassium balance in hypertension. Meyer BH, et al. **S Afr Med J** 1985 Feb 9;67(6):206–8

Does the natriuretic hormone play a role in hypertension in South African blacks? Milne FJ, et al. **S Afr Med J** 1984 Sep 15;66(11):403–7

Some red blood cell abnormalities in patients with liver cirrhosis and ascites. I. Red blood cell sodium, potassium and water content. Afifi F. **Tohoku J Exp Med** 1985 Jan; 145(1):7–14

Influence of muzolimine and other diuretics on human red cell Na+, K+-cotransport. Knorr A, et al. **Z Kardiol** 1985; 74 Suppl 2:175–8

[Serum potassium changes following cardiopulmonary bypass in children] Zhu XK, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Apr;23(4):224–6, 254 (Eng. Abstr.) **(Chi)**

[Esmaloride--a new potassium neutral diuretic combination. Clinical pharmacologic properties] Pabst J, et al. **Fortschr Med** 1985 Feb 14;103(6):125–9 (Eng. Abstr.) **(Ger)**

[The ouabain-sensitive Na-K pump in children with essential hypertension] Koltai G, et al. **Orv Hetil** 1985 Feb 17; 126(7):381–4 (Eng. Abstr.) **(Hun)**

[Blood Na and K concentrations in the erythrocytes of children with nephrotic syndrome, uremia and pyelonephritis] Toldi Z, et al. **Orv Hetil** 1984 Aug 19; 125(34):2053–6 (Eng. Abstr.) **(Hun)**

[Pre-analysis variability: the effect of evaporation on the error of measurement, with special reference to sodium and potassium] Spandrio L. **Quad Sclavo Diagn** 1984 Mar; 20(1):110–21 (Eng. Abstr.) **(Ita)**

[Effects of epinephrine on plasma potassium; their relations with the liver] Saito Y, et al. **Masui** 1985 Apr;34(4):458–62 (Eng. Abstr.) **(Jpn)**

[Sodium, potassium adenosine triphosphatase activity and sodium and potassium concentrations in the erythrocytes in normal pregnancy and in EPH-gestosis] Zajac I. **Wiad Lek** 1984 Apr 15;37(8):601–6 (Eng. Abstr.) **(Pol)**

[Role of K+, Na+, and Ca2+ ions in the cardiodepressive action of blood plasma in burn shock and the crush syndrome] Vornovitskiĭ EG, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):19–22 (Eng. Abstr.) **(Rus)**

[Effect of increased blood potassium levels on various indices of the blood system in rats] Vorobeĭ AI, et al. **Fiziol Zh** 1985 Jan-Feb;31(1):17–21 (Eng. Abstr.) **(Rus)**

[Potentiometric method of determining plasma and serum concentrations of potassium and sodium using ion-selective electrodes] Dobroliubova BA. **Gig Sanit** 1984 Aug;(8):68–9 **(Rus)**

[Ionometric determination of potassium in blood plasma] Kolb VG, et al. **Lab Delo** 1985;(5):269–71 (Eng. Abstr.) **(Rus)**

[Relation between blood potassium and sodium concentrations, ATPase activity and ATP level in patients with burns] Moroz AM, et al. **Patol Fiziol Eksp Ter** 1984 Nov-Dec;(6):31–4 (Eng. Abstr.) **(Rus)**

[Postmortem changes in serum potassium and sodium levels of persons who died of combined injuries of the head, trunk and limbs] Teterchev VV. **Sud Med Ekspert** 1984 Jul-Sep; 27(3):16–7 (Eng. Abstr.) **(Rus)**

[Therapeutic effectiveness of correcting potassium metabolism in acute poisoning by organophosphorus compounds] Chursin IG, et al. **Voen Med Zh** 1985 Jun; (6):56–8 **(Rus)**

[The effect of psychopharmacologic agents on potassium efflux induced by an increase in intracellular calcium in human erythrocytes] Varečka L, et al. **Bratisl Lek Listy** 1984 Aug;82(2):919–26 (Eng. Abstr.) **(Slo)**

CEREBROSPINAL FLUID

[Reference values of sodium, potassium, chloride, calcium, inorganic phosphate and magnesium levels in the cerebrospinal fluid of children] Liappis N, et al. **Klin Padiatr** 1984 Nov-Dec;196(6):370–4 (Eng. Abstr.) **(Ger)**

METABOLISM

Influence of electrolyte depletion and aldosterone on insulin induced changes in plasma concentration and renal excretion of sodium and potassium. Bak M, et al. **Acta Med Pol** 1984;25(1–4):31–44

Effects of insulin on plasma concentration and renal excretion of sodium and potassium. Szczepańska-Sadowska E, et al. **Acta Med Pol** 1984;25(1–4):17–30

Effect of phlorizin on the changes of membrane potential, water, Na and K transport induced by cevadine in frog muscle. Cseri J, et al. **Acta Physiol Hung** 1985;65(1):65–80

Potassium permeability in rat myelinated nerve fibres. Brismar T, et al. **Acta Physiol Scand** 1985 Jun;124(2):141–8

Ba2+-induced changes in the Na+- and K+-permeability of the isolated frog skin. Nielson R. **Acta Physiol Scand** 1985 May;124(1):61–70

Influence of Na/K pump current on action potentials in Purkinje fibers. Gadsby DC. **Adv Myocardiol** 1985;5:279–94

Potassium balance and ouabain binding sites in intact porcine hearts during isoproterenol infusion. Sejersted OM, et al. **Adv Myocardiol** 1985;6:83–95

Absence of a relationship between extracellular potassium accumulation and contractile failure in the ischemic or hypoxic rabbit heart. Webb SC, et al. **Adv Myocardiol** 1985; 6:405–15

Na-K-ATPase: general considerations, role and regulation in the kidney. Doucet A. **Adv Nephrol** 1985;14:87–159 (346 ref.)

Familial aggregation of red blood cell cation transport systems in Japanese families. Kagamimori S, et al. **Am J Epidemiol** 1985 Sep;122(3):386–90

Transepithelial cation movements in gerbil utricles. Marcus NY, et al. **Am J Otolaryngol** 1985 Jul-Aug;6(4):268–74

Preparation of individual human diploid fibroblasts and study of ion transport. Abraham EH, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):C154–64

Ethynylestradiol impairs bile salt uptake and Na-K pump function of rat hepatocytes. Berr F, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):G437–43

Amphotericin B-induced active transport of K+ and the Na+-K+ flux ratio in frog corneal epithelium. Candia OA, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C454–61

Intracellular acidosis blocks the basolateral Na-K pump in rabbit urinary bladder. Eaton DC, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):F946–54

Effects of dDAVP on rat juxtamedullary nephrons: stimulation of medullary K recycling. Elalouf JM, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F291–8

Forskolin and antidiuretic hormone stimulate a Ca2+-activated K+ channel in cultured kidney cells. Guggino SE, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):F448–55

Effects of aldosterone on potassium recycling in the kidney of adrenalectomized rats. Higashihara E, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):F219–27

Differences between CSF and plasma Na+ and K+ activities and concentrations. Johnson DC, et al. **Am J Physiol** 1985 May;248(5 Pt 2):R621–6

Passive potassium transport in the proximal convoluted tubule. Kaufman JS, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):F228–32

Effects of Na+ and K+ on protein adsorption on red blood cell surface. Kikuchi Y, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H748–53

Glucose uptake in porcine carotid artery: relation to alterations in active Na+-K+ transport. Lynch RM, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C433–40

Effects of histamine and histamine receptor antagonists on ion transport in rabbit descending colon. McCabe RD, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):G411–8

Colonic potassium and chloride secretion: role of cAMP and calcium. McCabe RD, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G103–9

Metabolic, ionic, and electrical responses of gerbil brain to ischemia. Mayevsky A, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):R99–107

Potassium-chloride cotransport in cultured chick heart cells. Piwnica-Worms D, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):C337–44

Time course of adaptation to altered K intake in rats and sheep. Rabinowitz L, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F607–17

Mineralocorticoid regulation of apical cell membrane Na+ and K+ transport of the cortical collecting duct. Sansom SC, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F858–68

Cation and anion transport pathways in volume regulatory response of human lymphocytes to hyposmotic media. Sarkadi B, et al. **Am J Physiol** 1985 May;248(5 Pt 1):C480–7

Transmembrane potassium fluxes in isolated feline ventricular myocytes. Silver LH, et al. **Am J Physiol** 1985 May;248(5 Pt 2):H614–21

Water and ion shifts in skeletal muscle of humans with intense dynamic knee extension. Sjøgaard G, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R190–6

Mechanism and regulation of transcellular potassium transport by the colon. Smith PL, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):G445–56 (154 ref.)

A23187-induced changes in colonic K and Cl transport are mediated by separate mechanisms. Smith PL, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G695–702

Electrochemical profile of K+ and Na+ in the amphibian early distal tubule. Teulon J, et al. **Am J Physiol** 1985 Feb; 248(2 Pt 2):F266–71

Potassium movements in denervated frog sartorius muscle. Venosa RA, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C219–27

Effect of barium on cell volume regulation in rabbit proximal straight tubules. Welling PA, et al. **Am J Physiol** 1985 Jul; 249(1 Pt 2):F20–7

The relationship between sympathoadrenal activity and extrarenal potassium regulation [letter] McIntyre RW, et al. **Anesthesiology** 1985 Aug;63(2):230–1

Failure of an alkalophilic bacterium to synthesize ATP in response to a valinomycin-induced potassium diffusion potential at high pH. Guffanti AA, et al. **Arch Biochem Biophys** 1985 Jun;239(2):327–33

On the ouabain-sensitive potassium activated p-nitrophenyl phosphatase activity of vascular muscle plasma membranes. Kwan CY, et al. **Arch Int Pharmacodyn Ther** 1984 Dec; 272(2):245–55

Magnesium depletion as a cause of refractory potassium repletion. Whang R, et al. **Arch Intern Med** 1985 Sep; 145(9):1686–9

Body sodium and potassium in men with spinal cord injury. Cardús D, et al. **Arch Phys Med Rehabil** 1985 Mar; 66(3):156–9

Measurements of single-channel currents in the membrane of isolated cells: ATP-dependence of K+-channels. Trube G. **Basic Res Cardiol** 1985;80 Suppl 1:97–9

The effect of cyanide on the K-current in guinea-pig ventricular myocytes. Van der Heyden G, et al. **Basic Res Cardiol** 1985;80 Suppl 1:93–6

K+-depolarization induces a direct release of Ca2+ from intracellular storage sites in cultured vascular smooth muscle cells from rat aorta. Kobayashi S, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):877-84

Regulation of Na/K/Cl cotransport in vascular smooth muscle cells. Owen NE. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):500-8

Transmembrane gradient of K+ ions as an energy source in the yeast Saccharomyces carlsbergensis. Okorokov LA, et al. **Biochem Int** 1983 Apr;6(4):463-72

Changes of ATP, polyphosphate and K+ contents in Saccharomyces carlsbergensis during uptake of Mn2+ and glucose. Okorokov LA, et al. **Biochem Int** 1983 Apr;6(4):481-8

An effect of piretanide upon the intracellular cation contents of cells subjected to partial chronic (Na-K) pump blockade by ouabain. Aiton JF, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3425-31

Transport of 42K+, 201Tl+ and [99mTc(dmpe)2.Cl2]+ by neonatal rat myocyte cultures. Delano ML, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3377-80

Sparteine increases insulin release by decreasing the K+ permeability of the B-cell membrane. Paolisso G, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2355-61

Furosemide-sensitive Na+-K+ cotransport and cellular metabolism in human erythrocytes. Adragna NC, et al. **Biochim Biophys Acta** 1985 Jan 10;812(1):293-6

K+-valinomycin and chloride conductance of the human red cell membrane. Influence of the membrane protonophore carbonylcyanide m-chlorophenylhydrazone. Bennekou P. **Biochim Biophys Acta** 1984 Sep 19;776(1):1-9

Basic characterization of an ouabain-resistant, bumetanide-sensitive K+ carrier-mediated transport system in J774.2 mouse macrophage-like cell line and in variants deficient in adenylate cyclase and cAMP-dependent protein kinase activities. Bourrit A, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):85-94

HeLa cells have histamine H1-receptors which mediate activation of the K+ conductance. Hazama A, et al. **Biochim Biophys Acta** 1985 May 30;845(2):249-53

Significant potassium ion accumulation at the external surface of Myxicola giant axons. Moran N, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):213-20

K+/H+ antiporter functions as a regulator of cytoplasmic pH in a marine bacterium, Vibrio alginolyticus. Nakamura T, et al. **Biochim Biophys Acta** 1984 Oct 3;776(2):330-6

Coupling of a loop diuretic-sensitive Na+ influx with the net loop diuretic-sensitive K+ efflux in mouse NIH 3T3 cells. Panet R, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):278-82

Serum-induced net K+ influx performed by the diuretic-sensitive transport system in quiescent NIH 3T3 mouse fibroblasts. Panet R. **Biochim Biophys Acta** 1985 Feb 28;813(1):141-4

Kinetics of (Na+ + K+)-ATPase: analysis of the influence of Na+ and K+ by steady-state kinetics. Plesner IW, et al. **Biochim Biophys Acta** 1985 Aug 27;818(2):235-50

Energized transport of potassium ions in the absence of valinomycin by cytochrome c oxidase-reconstituted vesicles. Singh AP, et al. **Biochim Biophys Acta** 1984 Nov 7;777(2):194-200

Calcium- and voltage-activated potassium channels in adrenocortical cell membranes. Tabares L, et al. **Biochim Biophys Acta** 1985 Mar 28;814(1):96-102

Evidence against involvement of the human erythrocyte plasma membrane Ca2+-ATPase in Ca2+-dependent K+ transport. Verma AK, et al. **Biochim Biophys Acta** 1985 Apr 26;815(1):135-8

Roles of the trkB and trkC gene products of Escherichia coli in K+ transport. Booth IR, et al. **Biochimie** 1985 Jan;67(1):83-9

Potassium ion influx measurements on cultured Chinese hamster cells exposed to 60-hertz electromagnetic fields. Stevenson AP, et al. **Bioelectromagnetics** 1985;6(2):189-98

Voltage-dependent calcium and calcium-activated potassium currents of a molluscan photoreceptor. Alkon DL, et al. **Biophys J** 1984 Nov;46(5):605-14

Saturation of the internal sodium site of the sodium pump can distort estimates of potassium affinity. Cohen I, et al. **Biophys J** 1984 Dec;46(6):719-27

Calcium- and voltage-activated potassium channels in human macrophages. Gallin EK. **Biophys J** 1984 Dec;46(6):821-5

Extracellular [K+] fluctuations in voltage-clamped canine cardiac Purkinje fibers. Kline RP, et al. **Biophys J** 1984 Nov;46(5):663-8

Self-exchange of sodium in human lymphocytes. Negendank W, et al. **Biophys J** 1984 Sep;46(3):331-42

23Na and 39K nuclear magnetic resonance studies of perfused rat hearts. Discrimination of intra- and extracellular ions using a shift reagent. Pike MM, et al. **Biophys J** 1985 Jul;48(1):159-73

An experimental comparison between the continuum and single jump descriptions of nonactin-mediated potassium transport through black lipid membranes. van Dijk C, et al. **Biophys J** 1985 Jul;48(1):125-36

Quinine blocks a calcium-activated potassium conductance in mammalian enteric neurones. Cherubini E, et al. **Br J Pharmacol** 1984 Sep;83(1):3-5

Baclofen activates voltage-dependent and 4-aminopyridine sensitive K+ conductance in guinea-pig hippocampal pyramidal cells maintained in vitro. Inoue M, et al. **Br J Pharmacol** 1985 Apr;84(4):833-41

Effects of caroverine and diltiazem on synaptic responses, L-glutamate-induced depolarization and potassium efflux in the frog spinal cord. Kudo Y, et al. **Br J Pharmacol** 1984 Nov;83(3):813-20

Dopamine increases potassium efflux in the rat parotid gland by stimulating noradrenaline release from sympathetic nerve endings. Sundström S, et al. **Brain Res** 1985 Jun 24;337(1):155-8

Depolarized potassium currents and time delay in nerve membrane. Chiang C. **Bull Math Biol** 1985;47(2):317-20

Estimates of Na+-K+ pumping in intact canine iliac arteries. Rangachari PK. **Can J Physiol Pharmacol** 1985 Feb;63(2):101-6

Effects of thermal adaptation at 40 degrees C on membrane viscosity and the sodium-potassium pump in Chinese hamster ovary cells. Bates DA, et al. **Cancer Res** 1985 Oct;45(10):4895-9

Effects of elevated extracellular potassium concentrations on the class III antiarrhythmic action of sotalol. Cobbe SM, et al. **Cardiovasc Res** 1985 Feb;19(2):69-75

Effects of verapamil on the extracellular K+ rise during myocardial ischaemia in dogs. Lopez JF, et al. **Cardiovasc Res** 1985 Jun;19(6):363-9

Long-term retention and effectiveness of APF and neutral KF fluoridation agents on sound and etched bovine enamel. Valk JW, et al. **Caries Res** 1985;19(1):46-52

CO2-dependent K+ efflux in yeast utilizing endogenous substrates. Opekarová M, et al. **Cell Mol Biol** 1985;31(3):195-200

Transient outward current carried by potassium and sodium in quiescent atrioventricular node cells of rabbits. Nakayama T, et al. **Circ Res** 1985 Jul;57(1):65-73

Effect of sodium-potassium pump inhibitors and membrane-depolarizing agents on sodium nitroprusside-induced relaxation and cyclic guanosine monophosphate accumulation in rat aorta. Rapoport RM, et al. **Circ Res** 1985 Jul;57(1):164-70

Calcium-dependent fluxes of potassium-42 and chloride-36 during norepinephrine activation of rat aorta. Smith JM, et al. **Circ Res** 1985 Apr;56(4):507-16

Body water, sodium, potassium and hydrogen ions: some basic facts and concepts. Morgan DB. **Clin Endocrinol Metab** 1984 Jul;13(2):233-47

Potassium and the heart. Poole-Wilson PA. **Clin Endocrinol Metab** 1984 Jul;13(2):249-68 (115 ref.)

Blood pressure lowering and potassium conservation by triamterene-hydrochlorothiazide and amiloride-hydrochlorothiazide in hypertension. Maxwell MH, et al. **Clin Pharmacol Ther** 1985 Jan;37(1):61-5

Effect of digoxin on total body potassium. Swaminathan R. **Clin Physiol Biochem** 1985;3(4):204-7

Adrenaline and ion flux in isolated human leucocytes. Baron DN, et al. **Clin Sci** 1985 May;68(5):517-21

Total body potassium and water, and exchangeable sodium, in muscular dystrophy. Edmonds CJ, et al. **Clin Sci** 1985 Apr;68(4):379-85

Segmental differences in K-transport across rabbit proximal and distal colon in vivo and in vitro. Clauss W, et al. **Comp Biochem Physiol [A]** 1984;79(2):267-9

Alteration of membrane permeability by amphotericin B. Benoit PA, et al. **Comp Biochem Physiol [C]** 1985;80(1):109-14

Inhibition by isoproterenol of the passive potassium efflux from pigeon erythrocytes. Leskovac V, et al. **Comp Biochem Physiol [C]** 1984;78(2):475-8

Acetylcholine responses of identified neurons in Helix pomatia--III. Ionic composition of the depolarizing currents induced by acetylcholine. Witte OW, et al. **Comp Biochem Physiol [C]** 1985;80(1):37-45

Interaction between K+-transport, membrane potential and prostacyclin generation in the regulation of natriuresis. Braquet P, et al. **Contrib Nephrol** 1984;41:23-6

Ion transport mechanisms in cultured bovine corneal endothelial cells. Jentsch TJ, et al. **Curr Eye Res** 1985 Apr;4(4):361-9

Roles of cyclic AMP and Ca in epithelial ion transport across corneal epithelium: a review. Reinach PS. **Curr Eye Res** 1985 Apr;4(4):385-91

Interactions between PI and slow PIII in the generation of the electroretinogram c-wave. Nilsson SE. **Dev Ophthalmol** 1984;9:53-8

Alloxan effects on mitochondria: study of oxygen consumption, fluxes of Mg2+, Ca2+, K+ and adenine nucleotides, membrane potential and volume change in vitro. Boquist L. **Diabetologia** 1984 Sep;27(3):379-86

Potassium-sparing diuretics--when are they really needed. **Drug Ther Bull** 1985 Mar 11;23(5):17-20

Oscillations and cyclic AMP-induced changes of the K+ concentration in Dictyostelium discoideum. Aeckerle S, et al. **EMBO J** 1985 Jan;4(1):39-43

Potassium fluxes in bovine adrenal cells during adrenocorticotropin stimulation. Kenyon CJ, et al. **Endocrinology** 1985 Jun;116(6):2279-85

Single voltage-dependent and outward rectifying K+-channels in isolated rat heart cells. Schreibmayer W, et al. **Eur Biophys J** 1985;11(4):259-63

A high-affinity site for glutathione in the cytoplasm of Escherichia coli and its possible role in potassium retention. Meury J, et al. **Eur J Biochem** 1985 Apr 1;148(1):113-8

Turgor-controlled K+ fluxes and their pathways in Escherichia coli. Meury J, et al. **Eur J Biochem** 1985 Sep 16;151(3):613-9

Activation of potassium ion transport in mitochondria by cadmium ion. Rasheed BK, et al. **Eur J Biochem** 1984 Nov 2;144(3):643-7

The effects of terbium (III) on the Ca-activated, K channel found in the resealed human erythrocyte membrane. Wood PG, et al. **Eur J Biochem** 1985 Jan 2;146(1):65-9

Comparison of the effects of apamin, a Ca2+-dependent K+ channel blocker, and arylazido aminopropionyl ATP (ANAPP3), a P2-purinergic receptor antagonist, in the guinea-pig vas deferens. Fedan JS, et al. **Eur J Pharmacol** 1984 Sep 17;104(3-4):327-34

Effect of imipramine on calcium and potassium currents in isolated bovine ventricular myocytes. Isenberg G, et al. **Eur J Pharmacol** 1985 Jan 22;108(2):121-31

Effects of Na+,K+-pump inhibitors and membrane depolarizing agents on acetylcholine-induced endothelium-dependent relaxation and cyclic GMP accumulation in rat aorta. Rapoport RM, et al. **Eur J Pharmacol** 1985 Apr 2;110(2):203-9

Postnatal mirex cataractogenesis in rats: lens cation balance, growth and histology. Rogers JM, et al. **Exp Eye Res** 1984 Nov;39(5):563-73

Changes in membrane potential and potassium and sodium activities during postnatal development of mouse skeletal muscle. Ward KM, et al. **Exp Neurol** 1985 Sep;89(3):554-68

The effect of cyclic AMP on Na+ and K+ transport systems in mouse macrophages. Diez J, et al. **Experientia** 1985 May 15;41(5):666-7

Reversal of net secretion to net absorption of potassium in rat large intestine by dietary potassium depletion. Scharrer E. **Experientia** 1985 Jun 15;41(6):728-30

Quinine inhibits Ca2+-independent K+ channels whereas tetraethylammonium inhibits Ca2+-activated K+ channels in insulin-secreting cells. Findlay I, et al. **FEBS Lett** 1985 Jun 3;185(1):4-8

Ion transport in rat liver mitochondria: the effect of the incubation medium osmolarity. Novgorodov SA, et al. **FEBS Lett** 1985 Apr 8;183(1):47-51

Effect of depolarizing concentrations of potassium on calcium uptake and metabolism in rat liver. Taylor WM, et al. **FEBS Lett** 1985 Apr 8;183(1):70-4

The effect of anion channel blockers on enzymatic activity of Na+/K+-ATPase and the electrogenic Na+/K+ pump. Teisinger J, et al. **FEBS Lett** 1984 Oct 1;175(2):275-8

Role of separate K+ and Cl- channels and of Na+/Cl- cotransport in volume regulation in Ehrlich cells. Hoffmann EK. **Fed Proc** 1985 Jun;44(9):2513-9

The biochemistry of vitreous humour. A comparative study of the potassium, sodium and urate concentrations in the eyes at identical time intervals after death. Balasooriya BA, et al. **Forensic Sci Int** 1984 Oct;26(2):85-91

Hippocampal slice (K+)e: depth profiles and changes induced by stimulation or anoxia. Peréz-Saad H, et al. **Gen Physiol Biophys** 1984 Aug;3(4):281-90

Correlation between potassium and phosphorus content and their nonuniform distribution in Acanthamoeba castellanii. Sobota A, et al. **Histochemistry** 1984;81(2):201-4

Ouabain binding and Na+ content in resistance vessels and skeletal muscles of spontaneously hypertensive rats and K+-depleted rats. Aalkjaer C, et al. **Hypertension** 1985 Mar-Apr;7(2):277-86

Effect of exercise on cation transport in human red cells. Adragna NC, et al. **Hypertension** 1985 Jan-Feb;7(1):132-9

Low sodium cotransport in red cells with physiological internal sodium concentration in essential hypertension. Montanari A, et al. **Hypertension** 1984 Nov-Dec;6(6 Pt 1):826-31

Depletion of myocardial potassium as a function of age and experimental necrosis. Asha Devi S. **Indian J Exp Biol** 1984 Mar;22(3):161-3

Effects of acebutolol combined with mefruside on total-body and serum potassium in essential hypertensive patients. Schulte KL, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Aug;22(8):438-40

Erythrocyte cation fluxes in essential hypertension of children and adolescents. Mongeau JG. **Int J Pediatr Nephrol** 1985 Jan-Mar;6(1):41-6

Localization of potassium and sodium fluxes in the rat lens. Reszelbach R, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):945-52

Erythrocyte Na+-K+ cotransport in elderly hypertensive subjects. Stessman J, et al. **Isr J Med Sci** 1985 Mar;21(3):314-6

Development of an assay to determine the bioavailability of potassium in feedstuffs for the young pig. Combs NR, et al. **J Anim Sci** 1985 Mar;60(3):709-14

Effects of monensin on monovalent ion metabolism and tissue concentrations in lambs. Kirk DJ, et al. **J Anim Sci** 1985 Jun;60(6):1479-84

Tetracycline resistance element of pBR322 mediates potassium transport. Dosch DC, et al. **J Bacteriol** 1984 Dec;160(3):1188-90

Dual system for potassium transport in Saccharomyces cerevisiae. Rodríguez-Navarro A, et al. **J Bacteriol** 1984 Sep;159(3):940-5

Changes in K+,Na+-sensitive actin gelation factor during the differentiation of myeloid leukemia cells. Takagi K, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):605-16

Effects of quinine on K+ transport in heart mitochondria. Jung DW, et al. **J Bioenerg Biomembr** 1984 Dec;16(5-6):379-90

K+/H+ antiport in heart mitochondria. Brierley GP, et al. **J Biol Chem** 1984 Dec 10;259(23):14672-8

Studies on K+ permeability of rat gastric microsomes. Im

WB, et al. **J Biol Chem** 1985 Aug 5;260(16):9452-60

ATP-driven exchange of Na+ and K+ ions by Streptococcus faecalis. Kakinuma Y, et al. **J Biol Chem** 1985 Feb 25;260(4):2086-91

Phosphoproteins associated with the regulation of a specific potassium channel in the identified Aplysia neuron R15. Lemos JR, et al. **J Biol Chem** 1985 Mar 10;260(5):3207-14

Na/K/Cl cotransport in cultured human fibroblasts. Owen NE, et al. **J Biol Chem** 1985 Feb 10;260(3):1445-51

Photoaffinity labeling of components of the apamin-sensitive K+ channel in neuronal membranes. Seagar MJ, et al. **J Biol Chem** 1985 Apr 10;260(7):3895-8

Methanogenesis and the K+ transport system are activated by divalent cations in ammonia-treated cells of Methanospirillum hungatei. Sprott GD, et al. **J Biol Chem** 1985 Aug 5;260(16):9244-50

Ammonia/potassium exchange in methanogenic bacteria. Sprott GD, et al. **J Biol Chem** 1984 Oct 25;259(20):12602-8

Nitrogen mustard interference with potassium transport systems in Ehrlich ascites tumor cells. Doppler W, et al. **J Cancer Res Clin Oncol** 1985;110(1):35-41

Enhancement of ricin cytotoxicity in Chinese hamster ovary cells by depletion of intracellular K+: evidence for an Na+/H+ exchange system in Chinese hamster ovary cells. Ghosh PC, et al. **J Cell Biol** 1985 Aug;101(2):350-7

Stimulation of bumetanide-sensitive K+ transport in Swiss 3T3 fibroblasts by serum and mitogenic hormones. Amsler K, et al. **J Cell Physiol** 1985 May;123(2):257-63

Sodium-potassium exchange in sea urchin egg. I. Kinetic and biochemical characterization at fertilization. Ciapa B, et al. **J Cell Physiol** 1984 Oct;121(1):235-42

Sodium-potassium exchange in sea urchin egg. II. Ionic events stimulating the Na+-K+ pump activity at fertilization. Ciapa B, et al. **J Cell Physiol** 1984 Oct; 121(1):243-50

Electron probe X-ray microanalysis of the effects of Bacillus thuringiensis var kurstaki crystal protein insecticide on ions in an electrogenic K+-transporting epithelium of the larval midgut in the lepidopteran, Manduca sexta, in vitro. Gupta BL, et al. **J Cell Sci** 1985 Mar;74:137-52

Effects of adrenalectomy and chronic adrenal corticosteroid replacement on potassium transport in rat kidney. Stanton B, et al. **J Clin Invest** 1985 Apr;75(4):1317-26

Control of sodium and potassium transport in the cortical collecting duct of the rat. Effects of bradykinin, vasopressin, and deoxycorticosterone. Tomita K, et al. **J Clin Invest** 1985 Jul;76(1):132-6

Growth and biochemical changes in mammary glands of ewes from 1 to 18 months of age. Hassan A, et al. **J Dairy Sci** 1985 Jul;68(7):1647-51

Production and physiological responses of dairy cows to varying dietary potassium during heat stress. Mallonée PG, et al. **J Dairy Sci** 1985 Jun;68(6):1479-87

Water and electrolyte contents, cell pH and membrane potentials of cultured turtle thyroid cells. Chow SY, et al. **J Endocrinol** 1985 Jan;104(1):45-52

Neuronal interactions mediated by neurally evoked changes in the extracellular potassium concentration. Spira ME, et al. **J Exp Biol** 1984 Sep;112:179-97 (67 ref.)

Energy coupling to K+ uptake via the Trk system in Escherichia coli: the role of ATP. Stewart LM, et al. **J Gen Microbiol** 1985 Jan;131 (Pt 1):77-85

Calcium mediates the light-induced decrease in maintained K+ current in Limulus ventral photoreceptors. Chinn K, et al. **J Gen Physiol** 1984 Sep;84(3):447-62

An ion's view of the potassium channel. The structure of the permeation pathway as sensed by a variety of blocking ions. French RJ, et al. **J Gen Physiol** 1985 May; 85(5):669-98

Na/Na exchange through the Na/K pump of HK sheep erythrocytes [letter] Kaplan JH, et al. **J Gen Physiol** 1984 Nov;84(5):839-44

Effects of hypoxia on potassium homeostasis and pigment epithelial cells in the cat retina. Linsenmeier RA, et al. **J Gen Physiol** 1984 Dec;84(6):945-70

Rapid recovery from K current inactivation on membrane hyperpolarization in molluscan neurons. Ruben P, et al. **J Gen Physiol** 1984 Dec;84(6):861-75

Reaccumulation of [K+]o in the toad retina during maintained illumination. Shimazaki H, et al. **J Gen Physiol** 1984 Sep;84(3):475-504

Active ion transport in the renal proximal tubule. III. The ATP dependence of the Na pump. Soltoff SP, et al. **J Gen Physiol** 1984 Oct;84(4):643-62

Active ion transport in the renal proximal tubule. I. Transport and metabolic studies. Soltoff SP, et al. **J Gen Physiol** 1984 Oct;84(4):601-22

Active ion transport in the renal proximal tubule. II. Ionic dependence of the Na pump. Soltoff SP, et al. **J Gen Physiol** 1984 Oct;84(4):623-42

Activation of squid axon K+ channels. Ionic and gating current studies. White MM, et al. **J Gen Physiol** 1985 Apr; 85(4):539-54

Relief of Na+ block of Ca2+-activated K+ channels by external cations. Yellen G. **J Gen Physiol** 1984 Aug; 84(2):187-99

Ionic permeation and blockade in Ca2+-activated K+ channels of bovine chromaffin cells. Yellen G. **J Gen Physiol** 1984 Aug;84(2):157-86

Altered corticosteroid control of the erythrocyte sodium-potassium pump in the spontaneously hypertensive rat. Stern N, et al. **J Hypertens** 1983 Dec;1(4):339-43

Body elemental composition, with particular reference to total and exchangeable sodium and potassium and total chlorine, in untreated and treated primary hyperaldosteronism. Williams ED, et al. **J Hypertens** 1984 Apr;2(2):171-6

Urinary electrolyte excretion and orthostatic response of blood pressure and plasma renin activity in children with postural hypotension before and after treatment with Dihydergot. Uchiyama M, et al. **J Int Med Res** 1985; 13(1):54-8

Ba2+ uptake and the inhibition by Ba2+ of K+ flux into rat liver mitochondria. Diwan JJ. **J Membr Biol** 1985; 84(2):165-71

Electrophysiology of a clonal osteoblast-like cell line: evidence for the existence of a Ca2+-activated K+ conductance. Dixon SJ, et al. **J Membr Biol** 1984; 80(1):49-58

High-conductance K+ channel in pancreatic islet cells can be activated and inactivated by internal calcium. Findlay I, et al. **J Membr Biol** 1985;83(1-2):169-75

Cell K activity in frog skin in the presence and absence of cell current. Garcia-Díaz JF, et al. **J Membr Biol** 1985; 85(2):143-58

Action of tetraethylammonium on calcium-activated potassium channels in pig pancreatic acinar cells studied by patch-clamp single-channel and whole-cell current recording. Iwatsuki N, et al. **J Membr Biol** 1985; 86(2):139-44

Effect of phospholipid surface charge on the conductance and gating of a Ca2+-activated K+ channel in planar lipid bilayers. Moczydlowski E, et al. **J Membr Biol** 1985; 83(3):273-82

Barium modifies the concentration dependence of active potassium transport by insect midgut. Moffett DF, et al. **J Membr Biol** 1985;86(2):89-97

Effects of intracellular sodium and potassium iontophoresis on membrane potentials and resistances in toad urinary bladder. Narvarte J, et al. **J Membr Biol** 1985;84(1):1-7

Single-channel analysis of a potassium inward rectifier in myocytes of newborn rat heart. Payet MD, et al. **J Membr Biol** 1985;86(2):79-88

Monovalent cation permeabilities of the potassium systems in the crab giant axon. Quinta-Ferreira ME, et al. **J Membr Biol** 1985;84(2):117-26

Influence of lead ions on cation permeability in human red cell ghosts. Simons TJ. **J Membr Biol** 1985;84(1):61-71

Differential blockage of two types of potassium channels in the crab giant axon. Soria B, et al. **J Membr Biol** 1985; 84(2):127-35

K+ and Cl- conductances in the apical membrane from secreting oxyntic cells are concurrently inhibited by divalent cations. Wolosin JM, et al. **J Membr Biol** 1985; 83(3):261-72

Quantitative localization of Na-K pump sites in the frog sacculus. Burnham JA, et al. **J Neurocytol** 1984 Aug; 13(4):617-38

Extracellular potassium concentration in chronic alumina cream foci of cats. Heinemann U, et al. **J Neurophysiol** 1984 Sep;52(3):421-34

A voltage-clamp analysis of currents underlying cyclic AMP-induced membrane modulation in isolated peptidergic neurons of Aplysia. Kaczmarek LK, et al. **J Neurophysiol** 1984 Aug;52(2):340-9

Calcium spike and calcium-dependent potassium conductance in mechanosensory neurons of the lamprey. Leonard JP, et al. **J Neurophysiol** 1985 Jan;53(1):171-82

Stimulus- and amino acid-induced calcium and potassium changes in rat neocortex. Pumain R, et al. **J Neurophysiol** 1985 Jan;53(1):1-16

Potassium and calcium concentrations in interstitial fluid of hippocampal formation during paroxysmal responses. Somjen GG, et al. **J Neurophysiol** 1985 Apr;53(4):1098-108

Modulation of potassium current kinetics in bag cell neurons of Aplysia by an activator of adenylate cyclase. Strong JA. **J Neurosci** 1984 Nov;4(11):2772-83

Effects of potassium channel-blocking agents on spontaneous discharges from neuromas in rats. Burchiel KJ, et al. **J Neurosurg** 1985 Aug;63(2):246-9

Development of colonic fluid and electrolyte transport: influence of weaning pattern. Finkel Y, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):457-62

Nitrogen and mineral balance in preterm infants fed human milks or formula. Schanler RJ, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):214-9

Comparative interactions of organic Ca++ channel antagonists with myocardial Ca++ and K+ channels. Hume JR. **J Pharmacol Exp Ther** 1985 Jul;234(1):134-40

Kinetics of ouabain binding and changes in cellular sodium content, 42K+ transport and contractile state during ouabain exposure in cultured chick heart cells. Kim D, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):326-33

Potassium channels in isolated presynaptic nerve terminals from rat brain. Bartschat DK, et al. **J Physiol (Lond)** 1985 Apr;361:419-40

Calcium-activated potassium channels in isolated presynaptic nerve terminals from rat brain. Bartschat DK, et al. **J Physiol (Lond)** 1985 Apr;361:441-57

The diverse effects of noradrenaline and other stimulants on 86Rb and 42K efflux in rabbit and guinea-pig arterial muscle. Bolton TB, et al. **J Physiol (Lond)** 1984 Oct; 355:43-63

Potassium movements associated with amino acid and sugar transport in enterocytes isolated from rabbit jejunum. Brown PD, et al. **J Physiol (Lond)** 1985 Jun;363:271-85

Dependence on calcium of potassium- and agonist-induced changes in potassium permeability of rabbit ear artery. Casteels R, et al. **J Physiol (Lond)** 1985 Jul;364:151-67

Chloride conductance and extracellular potassium concentration interact to modify the excitability of rat optic nerve fibres. Connors BW, et al. **J Physiol (Lond)** 1984 Oct;355:619-33

Developmental changes in intra-enterocyte cation activities in hamster terminal ileum. Cremaschi D, et al. **J Physiol (Lond)** 1984 Sep;354:363-73

Sodium-potassium pump in guinea-pig parotid gland: secretagogue stimulation of ouabain binding to dispersed acini. Hootman SR, et al. **J Physiol (Lond)** 1985 Mar; 360:121-34

Properties of adenosine-triphosphate-regulated potassium channels in guinea-pig ventricular cells. Kakei M, et al. **J Physiol (Lond)** 1985 Jun;363:441-62

Membrane current through adenosine-triphosphate-regulated potassium channels in guinea-pig ventricular cells. Noma A, et al. **J Physiol (Lond)** 1985 Jun;363:463-80

Acetylcholine-evoked potassium release in the mouse pancreas. Petersen OH, et al. **J Physiol (Lond)** 1985 Aug; 365:319-29

Apamin: a specific toxin to study a class of Ca2+-dependent K+ channels. Romey G, et al. **J Physiol (Paris)** 1984; 79(4):259-64

Maximal oxygen uptake of obese middle-aged women related to body composition and total body potassium. Atomi Y, et al. **J Sports Med Phys Fitness** 1984 Sep;24(3):212-8

Altered potassium flux and myocardial dysfunction during sepsis. Levison MA, et al. **J Surg Res** 1984 Oct; 37(4):295-303

Calmodulin: calcium, potassium, and magnesium ion multiple equilibria and kinetics for interconversion, including the effect of repeated stimulation. Delville A, et al. **J Theor Biol** 1985 Jan 7;112(1):157-75

Solvent effects in ionic transport through transmembrane protein channels. Kappas U, et al. **J Theor Biol** 1985 Feb 7;112(3):459-64

Ab initio molecular orbital study of the interaction of Li+, Na+ and K+ with the pore components of ion channels: consideration of the size, structure and selectivity of the pore of the channels. Nagata C, et al. **J Theor Biol** 1984 Oct 21;110(4):569-85

Tissue nitrogen and potassium variation in trauma, starvation, and realimentation. Wood CD, et al. **JPEN** 1984 Nov-Dec; 8(6):665-7

Decreasing potassium conductance--a possible mechanism of phasic coronary vasospasm. Uchida Y. **Jpn Circ J** 1985 Jan;49(1):128-39

Asymmetrical potassium permeability of the Müller cell. Field potential induced by intraretinal injection of K+-free Ringer's in frog retina. Yanagida T, et al. **Jpn J Ophthalmol** 1984;28(3):215-21

beta 1-Adrenergic regulation of cyclic nucleotide levels and potassium fluxes in rat parotid gland. Miyamoto A, et al. **Jpn J Pharmacol** 1984 Sep;36(1):100-3

Potassium-related membrane currents in the bullfrog atrial muscle differentiated in the presence of barium. Goto M, et al. **Jpn J Physiol** 1985;35(1):71-87

Electrophysiology of single cardiac cells. Irisawa H. **Jpn J Physiol** 1984;34(3):375-88 (64 ref.)

Transient kinetics of an inward rectifier K+ channel in the myocardial cell membrane. Taniguchi J, et al. **Jpn J Physiol** 1984;34(6):1123-7

Beta-actions of catecholamines on the K-related currents of the bullfrog atrial muscle. Umeno T. **Jpn J Physiol** 1984; 34(3):513-28

Hormonal control of renal potassium excretion. Field MJ, et al. **Kidney Int** 1985 Feb;27(2):379-87 (86 ref.)

Effect of acute potassium load on reabsorption in Henle's loop in chronic renal failure in the rat. Milanes CL, et al. **Kidney Int** 1985 Jun;27(6):919-27

Phenomenological analysis of renal regulation of sodium and potassium balance. Walser M. **Kidney Int** 1985 Jun; 27(6):837-41

Cortical collecting tubule potassium secretion: effect of amiloride, ouabain, and luminal sodium concentration. Wingo CS. **Kidney Int** 1985 Jun;27(6):886-91

Role of a humoral Na+ -K+ pump inhibitor in low renin hypertension. Haddy FJ, et al. **Klin Wochenschr** 1985;63 Suppl 3:78-81 (53 ref.)

Raised sodium pump activity and a circulating sodium transport inhibitor demonstrated on red blood cells of patients with untreated essential hypertension: correlation of pump activity with potassium permeability. Skrabal F, et al. **Klin Wochenschr** 1985;63 Suppl 3:117-21

Colonic potassium transport. Foster ES, et al. **KROC Found Ser** 1984;17:47-63

Hexamethonium increases the excitability of sympathetic neurons by the blockade of the Ca2+-activated K+ channels. Kawai T, et al. **Life Sci** 1985 Jun 17; 36(24):2339-46

Decreased sodium-potassium pump activity in isolated hypertrophied feline ventricular myocytes. Silver LH, et al. **Life Sci** 1985 Aug 19;37(7):607-15

Interactions of Mg and K on blood vessels--aspects in view of hypertension. Review of present status and new findings. Altura BM, et al. **Magnesium** 1984;3(4-6):175-94 (164 ref.)

Interactions of Mg and K on cerebral vessels--aspects in view of stroke. Review of present status and new findings. Altura BT, et al. **Magnesium** 1984;3(4–6):195–211 (84 ref.)

Potassium, magnesium and membranes. Review of present status and new findings. Bara M, et al. **Magnesium** 1984; 3(4–6):215–25 (94 ref.)

Magnesium and potassium in diabetes and carbohydrate metabolism. Review of the present status and recent results. Durlach J, et al. **Magnesium** 1984;3(4–6):315–23

Intra-/extracellular shifts of potassium after the administration of Mg in patients with cardiovascular diseases. Dyckner T, et al. **Magnesium** 1984;3(4–6):339–45

Mode of action of conventional and potassium-sparing diuretics--aspects with relevance to Mg-sparing effects. Review of the present state of the art and recent findings. Heidenreich O. **Magnesium** 1984;3(4–6):248–56

Role of magnesium and potassium in the pathogenesis of arteriosclerosis. Rayssiguier Y. **Magnesium** 1984; 3(4–6):226–38 (82 ref.)

Magnesium- and potassium-sparing effects of amiloride. Review and recent findings. Ryan MP. **Magnesium** 1984; 3(4–6):274–88

Interactions of magnesium and potassium in the pathogenesis of cardiovascular disease. Sheehan JP, et al. **Magnesium** 1984;3(4–6):301–14

Magnesium, potassium and hormonal regulation. Zumkley H, et al. **Magnesium** 1984;3(4–6):239–47

Erythrocyte heat production in human obesity: microcalorimetric investigation of sodium-potassium pump and cell metabolism. Monti M, et al. **Metabolism** 1985 Feb; 34(2):183–7

Extracellular potassium concentration; perhexiline and SKF-525A on the action of ouabain in isolated self-beating rat auricles. Canga L, et al. **Methods Find Exp Clin Pharmacol** 1984 Sep;6(9):497–502

Effects of inhibitors of plasma-membrane ATPase on potassium and calcium fluxes, membrane potential and proton motive force in the yeast Saccharomyces cerevisiae. Eilam Y, et al. **Microbios** 1984;41(165–166):177–89

Renal retention of potassium in fruit [letter] Kopyt N, et al. **N Engl J Med** 1985 Aug 29;313(9):582–3

Glucose induces closure of single potassium channels in isolated rat pancreatic beta-cells. Ashcroft FM, et al. **Nature** 1984 Nov 29–Dec 5;312(5993):446–8

Lowering of pHi inhibits Ca2+-activated K+ channels in pancreatic B-cells. Cook DL, et al. **Nature** 1984 Sep 20-26; 311(5983):269–71

Intracellular ATP directly blocks K+ channels in pancreatic B-cells. Cook DL, et al. **Nature** 1984 Sep 20-26; 311(5983):271–3

Charybdotoxin, a protein inhibitor of single Ca2+-activated K+ channels from mammalian skeletal muscle. Miller C, et al. **Nature** 1985 Jan 24–30;313(6000):316–8

Cyclic AMP-dependent protein kinase closes the serotonin-sensitive K+ channels of Aplysia sensory neurones in cell-free membrane patches. Shuster MJ, et al. **Nature** 1985 Jan 31–Feb 6;313(6001):392–5

Voltage-dependent ATP-sensitive potassium channels of skeletal muscle membrane. Spruce AE, et al. **Nature** 1985 Aug 22–28;316(6030):736–8

Posttraumatic early epilepsy and minor head injury. Kaminogo M. **Neurol Res** 1983;5(4):67–77

The effects of capsaicin on action potential and outward potassium currents in a bursting neuron of the snail, Helix pomatia L. Erdéyi L, et al. **Neurosci Lett** 1985 Mar 22; 55(1):71–6

Simultaneous monitoring of voltammetric and ion-selective electrodes in mammalian brain. Nagy G, et al. **Neurosci Lett** 1985 Apr 9;55(2):119–24

The effects of potassium channel blocking agents on the responses of in vitro frog motoneurones to glutamate and other excitatory amino acids: an intracellular study. Arenson MS, et al. **Neuroscience** 1985 Jan;14(1):317–25

Light-induced potassium fluxes in the skate retina. Kline RP, et al. **Neuroscience** 1985 Jan;14(1):225–35

Barium-induced inhibition of K+ transport mechanisms in cortical astrocytes--its possible contribution to the large Ba2+-evoked extracellular K+ signal in brain. Walz W, et al. **Neuroscience** 1984 Nov;13(3):945–9

The mechanism of action of Ba2+ and TEA on single Ca2+-activated K+ -channels in arterial and intestinal smooth muscle cell membranes. Benham CD, et al. **Pflugers Arch** 1985 Feb;403(2):120–7

Single K+ channels in membrane evaginations of smooth muscle cells. Berger W, et al. **Pflugers Arch** 1984 Sep; 402(1):18–23

Asymmetric proton block of inward rectifier K channels in skeletal muscle. Blatz AL. **Pflugers Arch** 1984 Aug; 401(4):402–7

Effects of apamin on the outward potassium current of isolated frog skeletal muscle fibres. Cognard C, et al. **Pflugers Arch** 1984 Oct;402(2):222–4

Two components of Ca-dependent potassium current in identified neurons of Aplysia californica. Deitmer JW, et al. **Pflugers Arch** 1985 Apr;403(4):353–9

Submandibular salivary secretion in the cat and associated potassium movements: dependence on temperature and perfusate flow rate. Dich-Nielsen JO, et al. **Pflugers Arch** 1985 Apr;403(4):440–5

Forskolin prolongs action potential duration and blocks potassium current in embryonic chick sensory neurons. Dunlap K. **Pflugers Arch** 1985 Feb;403(2):170–4

Single channel recordings from basolateral and apical membranes of renal proximal tubules. Gögelein H, et al. **Pflugers Arch** 1984 Aug;401(4):424–6

Aldosterone does not stimulate the Na:K pump in isolated turtle colon. Halm DR, et al. **Pflugers Arch** 1985 Mar; 403(3):236–9

A voltage-dependent K+ channel controlling the membrane potential in frog oocytes. Peres A, et al. **Pflugers Arch** 1985 Jan;403(1):41–6

The facilitating effect of gangliosides on the electrogenic (Na+/K+) pump and on the resistance of the membrane potential to hypoxia in neuromuscular preparation. Vyskočil F, et al. **Pflugers Arch** 1985 Jan;403(1):1–6

Inhibition of the erythrocyte calcium-sensitive potassium channel by probucol. Howland JL, et al. **Pharmacol Res Commun** 1984 Nov;16(11):1057–64

Frozen hydrated cryosections of thallium loaded muscle reveal subcellular potassium binding sites. Edelmann L. **Physiol Chem Phys Med NMR** 1984;16(6):499–501

Potassium efflux from frog oocytes: effects of temperature, preincubation and injection of a gelatin bead. Edelmann L, et al. **Physiol Chem Phys Med NMR** 1984;16(3):197–207

Potassium retention in membraneless thymus lymphocyte nuclei. Kellermayer M, et al. **Physiol Chem Phys Med NMR** 1984;16(6):503–11

Warming-induced hyperpolarization of cardiac muscle cells and snail neurones: interpretation based on temperature transition of cooperatively linked surface anionic sites between K+ and Na+ adsorbing states. Ling GN. **Physiol Chem Phys Med NMR** 1984;16(5):425–35 (37 ref.)

Two endogenous neuropeptides modulate the gill and siphon withdrawal reflex in Aplysia by presynaptic facilitation involving cAMP-dependent closure of a serotonin-sensitive potassium channel. Abrams TW, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7956–60

Calcium currents in GH3 cultured pituitary cells under whole-cell voltage-clamp: inhibition by voltage-dependent potassium currents. Barros F, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1108–12

Inositol trisphosphate modification of ion transport in rough endoplasmic reticulum. Muallem S, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4433–7

Two distinct Ca-dependent K currents in bullfrog sympathetic ganglion cells. Pennefather P, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):3040–4

The all-or-none role of innervation in expression of apamin receptor and of apamin-sensitive Ca2+-activated K+ channel in mammalian skeletal muscle. Schmid-Antomarchi H, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2188–91

Voltage-dependent sodium and potassium channels in mammalian cultured Schwann cells. Shrager P, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):948–52

Adenosine-activated potassium conductance in cultured striatal neurons. Trussell LO, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4857–61

Differences between mammalian ventral and dorsal spinal roots in response to blockade of potassium channels during maturation. Bowe CM, et al. **Proc R Soc Lond [Biol]** 1985 May 22;224(1236):355–66

Electrophysiological evidence for the inhibition of potassium permeability in pancreatic beta-cells by glibenclamide. Ferrer R, et al. **Q J Exp Physiol** 1984 Oct;69(4):831–9

Membrane potential measurements in islets of Langerhans from ob/ob obese mice suggest an alteration in [Ca2+]i-activated K+ permeability. Rosario LM, et al. **Q J Exp Physiol** 1985 Jan;70(1):137–50

Correlation between cellular survival and potassium loss in mouse fibroblasts after hyperthermia alone and after a combined treatment with X rays. Ruifrok AC, et al. **Radiat Res** 1985 Feb;101(2):326–31

Water and potassium ion absorption by deuterium oxide resistant winter rye seedlings. Shibabe S, et al. **Radioisotopes** 1985 May;34(5):266–9

Hydrogen isotope effect on transport of potassium ion in rice seedlings equilibrated with deuterium oxide. Shibabe S, et al. **Radioisotopes** 1984 Oct;33(10):675–9

Transmembrane Na/K exchanges under electromagnetic fields. Preliminary study on human erythrocytes. Hinsenkamp M, et al. **Reconstr Surg Traumatol** 1985; 19:63–9

Effect of oestrogen and progesterone on sodium, potassium and water balance in sheep. Michell AR, et al. **Res Vet Sci** 1985 Jan;38(1):46–53

Acetylcholine-receptor-mediated ion fluxes in Electrophorus electricus and Torpedo californica membrane vesicles. Cash DJ, et al. **Rev Physiol Biochem Pharmacol** 1985;102:73–117 (97 ref.)

Subcellular distribution of potassium in striated muscles. Edelmann L. **Scan Electron Microsc** 1984;(Pt 2):875–88

Ca2+ and Ca2+-activated K+ currents in mammalian gastric smooth muscle cells. Mitra R, et al. **Science** 1985 Jul 19;229(4710):269–72

The effect of acute alcohol withdrawal on the serum potassium and total body potassium in heavy drinkers. Watson WS, et al. **Scott Med J** 1984 Oct;29(4):222–6

Coordinated changes in potassium fluxes as early events in the differentiation of the human promyelocyte line HL-60. Gargus JJ, et al. **Soc Gen Physiol Ser** 1985;39:179–91

Mineralocorticoid regulation of sodium and potassium transport by the cortical collecting duct. Koeppen BM, et al. **Soc Gen Physiol Ser** 1985;39:89–104

Abnormal sodium and potassium metabolism in orthostatic dysregulation in childhood. Uchiyama M, et al. **Tohoku J Exp Med** 1984 Nov;144(3):327–8

The effect of citrate, calcium, and magnesium ions on the potassium movement across the human platelet membrane. Weis-Fogh US. **Transfusion** 1985 Jul–Aug;25(4):339–42

[Calcium dependent potassium channels] Hugues M. **Biochimie** 1984 Nov–Dec;66(11–12):VII–IX **(Fre)**

[Potassium regulation--current understanding from a clinical viewpoint] Krapf R. **Schweiz Med Wochenschr** 1985 May 4;115(18):606–13 (62 ref.) (Eng. Abstr.) **(Ger)**

[Mechanisms of transmembrane cationic transport and essential arterial hypertension] Lacerna F, et al. **Minerva Cardioangiol** 1984 Jul–Aug;32(7–8):457–62 (Eng. Abstr.) **(Ita)**

[K+-selective microelectrodes--construction, calibration and intracellular K+ activity measurement] Takagi M, et al. **Masui** 1984 Jul;33(7):740–6 (Eng. Abstr.) **(Jpn)**

[Changes in concentration and net flux of electrolytes in solutions instilled into the stomach of jaundiced rats under restraint stress: existence of an autoregulation] Ohashi H, et al. **Nippon Geka Hokan** 1984 Sep 1;53(5):653–61 (Eng. Abstr.) **(Jpn)**

[Erythrocyte Na/K flux ratio in hypertensive and renal failure patients] Kimura M. **Nippon Jinzo Gakkai Shi** 1985 Apr;27(4):505–9 (Eng. Abstr.) **(Jpn)**

[Myocardial protective effect and negative inotropic effect of verapamil in potassium cardioplegia] Suzuki Y. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jun;32(6):903–12 (Eng. Abstr.) **(Jpn)**

[Interaction of sodium and potassium ions with Na+, K+-ATPase] Matsui H, et al. **Tanpakushitsu Kakusan Koso** 1984 Jun;29(6):455–68 (83 ref.) **(Jpn)**

[Effect of intraperitoneal administration of furosemide and sodium nitroprusside on the elimination of water, sodium and potassium during peritoneal dialysis] Grzegorzewska A, et al. **Pol Arch Med Wewn** 1984 May;71(5):281–91 (Eng. Abstr.) **(Pol)**

[Sodium, potassium, urea and uric acid concentrations and alpha-amylase activity in mixed saliva of healthy persons] Religa H, et al. **Przegl Lek** 1984;41(7):483–8 (Eng. Abstr.) **(Pol)**

[Potassium conductivity of the plasma membrane of frog photoreceptor cells] Kolesnikov SS, et al. **Biofizika** 1984 Sep–Oct;29(5):786–9 (Eng. Abstr.) **(Rus)**

[Relation of K+-dependent cellular swelling to the state of cellular membranes] Polivoda BI. **Biofizika** 1984 Jul–Aug; 29(4):685–6 (Eng. Abstr.) **(Rus)**

[Effect of calmodulin blockers on membrane potential, potassium permeability and lymphocyte mitogenesis] Gukovskaia AS, et al. **Biokhimiia** 1985 May;50(5):786–94 (Eng. Abstr.) **(Rus)**

[Single anomalous-rectification potassium channels in the cardiomyocyte membrane of the rat] Bunashev NA, et al. **Dokl Akad Nauk SSSR** 1985;281(5):1269–73 **(Rus)**

[Effect of calmodulin blockers on the membrane potential and potassium permeability of thymocytes] Gukovskaia AS, et al. **Dokl Akad Nauk SSSR** 1985;281(4):978–81 **(Rus)**

[Role of vasopressin in regulating the volume and ionic composition of cerebrospinal fluid] Perekhval'skaia TV, et al. **Fiziol Zh SSSR** 1983 Jul;69(7):900–5 (Eng. Abstr.) **(Rus)**

[Sodium and potassium content of intrafusal muscle fibers and their resting membrane potential in different ionic media] Pivovarova NB, et al. **Fiziol Zh SSSR** 1984 Jun; 70(6):808–13 (Eng. Abstr.) **(Rus)**

[Potassium and anti-ischemic protection of the myocardium] Dvortsin GF. **Patol Fiziol Eksp Ter** 1984 Jul–Aug;(4):86–90 (66 ref.) **(Rus)**

[Effect of glucose on pH and potassium ion balance in suspensions of ascites tumor cells subjected to x-irradiation] Obrokov AF. **Radiobiologiia** 1985 Mar–Apr;25(2):252–5 (Eng. Abstr.) **(Rus)**

[Changes in K+ transport in the liver mitochondria of gophers in hibernation] Fedotcheva NI, et al. **Ukr Biokhim Zh** 1984 Jul–Aug;56(4):427–31 (Eng. Abstr.) **(Rus)**

[Biorhythmologic characteristics of potassium homeostasis in patients with psoriasis] Goncharenko MS, et al. **Vestn Dermatol Venerol** 1984 Sep;(9):11–4 (Eng. Abstr.) **(Rus)**

[Effect of undevit on the permeability of potassium and sodium cations across erythrocyte membranes in bronchial asthma patients] Borisko AS, et al. **Vrach Delo** 1984 Sep; (9):68–70 (Eng. Abstr.) **(Rus)**

[Changes in transmembrane cationic flux in essential arterial hypertension] Coca A, et al. **Med Clin (Barc)** 1984 Oct 6;83(10):397–403 (Eng. Abstr.) **(Spa)**

[Evaluation of sodium and potassium fluxes across the red blood cell membrane (letter)] Vives Corrons JL, et al. **Sangre (Barc)** 1984;29(4–A):475–80 **(Spa)**

PHARMACODYNAMICS

Differential effects of glucose and potassium lack in conduction block of myelinated and unmyelinated axons. Schimek F, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:447–51

Flunarizine, a calcium influx blocker, inhibits TRH-but not potassium-stimulated prolactin secretion. Merritt JE, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):31–5

Presynaptic adrenoceptors on the regulation of tyrosine hydroxylase activation by potassium. Masana MI. **Acta Physiol Pharmacol Latinoam** 1984;34(3):245–51

Lack of cholinergic modulation of tyrosine hydroxylase activation by potassium. Masana MI. **Acta Physiol Pharmacol Latinoam** 1984;34(3):235–43

Lack of potassium effect on Na–Cl cotransport in the medullary thick ascending limb. Alvo M, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F34–9

Involvement of transport of H+ equivalents in activation–induced alkaline shift in frog muscle. Connett RJ, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C357–63

Effects of ouabain, low K+, and aldosterone on hypoxic pressor reactivity of rat lungs. Herget J, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):H55–60

Role of prostaglandins in renin suppression during acute potassium loading. Kirchner KA. **Am J Physiol** 1985 Mar; 248(3 Pt 2):F360–5

Effects of ANG II and K+ on Ca efflux and aldosterone production in adrenal glomerulosa cells. Kojima I, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E36–43

High potassium intake selectively increases urinary PGF2 alpha excretion in the rat. Nasjletti A, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):F382–8

Histochemical localization of ouabain–sensitive, K+–dependent p–nitrophenylphosphatase (Na+–K+–ATPase) activity in the submandibular gland of the mouse: effect of androgen, thyroid hormone, or postnatal age. Sims–Sampson G, et al. **Anat Rec** 1984 Sep; 210(1):53–60

Role of electrolytes and digitalis–like activity in hypertension: effects of digitoxin, sodium, potassium and magnesium on blood pressure. Karppanen H. **Ann Clin Res** 1984;16 Suppl 43:62–6

Effects of coenzyme Q10 added to a potassium cardioplegic solution for myocardial protection during ischemic cardiac arrest. Mori F, et al. **Ann Thorac Surg** 1985 Jan;39(1):30–6

Differential effects of calcium removal on acetylcholine– and potassium–induced contractions of rat ileal smooth muscle. Aloamaka CP, et al. **Arch Int Pharmacodyn Ther** 1984 Dec; 272(2):197–204

Effects of procaine on the isolated dog coronary artery. Imai S, et al. **Arch Int Pharmacodyn Ther** 1984 Sep;271(1):98–105

Effect of extracellular K+ on saliva secretion by isolated, perfused rat submandibular glands. Martinez JR, et al. **Arch Oral Biol** 1984;29(9):729–34

The effects of extracellular K+ and angiotensin II on cytosolic Ca++ and steroidogenesis in adrenal glomerulosa cells. Braley L, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):810–5

Tetanus toxin affects the K+–stimulated release of catecholamines from nerve growth factor–treated PC12 cells. Figliomeni B, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):249–56

Oscillation of electrical potential in a porous–membrane doped with triolein induced by an Na+/K+ concentration gradient. Ishii T, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):792–6

PTH release stimulated by high extracellular potassium is associated with a decrease in cytosolic calcium in bovine parathyroid cells. Shoback DM, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):684–90

Effects of K+ concentration on inhibition of protein synthesis by trimer and tetramer triphosphates of 2',5'–oligoadenylates in rabbit reticulocyte lysates. Wu JM, et al. **Biochem Biophys Res Commun** 1985 Jul 31; 130(2):821–7

Intracellular calcium and adenosine 3',5'–cyclic monophosphate as mediators of potassium–induced aldosterone secretion. Kojima I, et al. **Biochem J** 1985 May 15;228(1):69–76

The effect of ions and ionophores on cystine egress from human leucocyte lysosome–rich granular fraction. Bashan N, et al. **Biochim Biophys Acta** 1984 Nov 7;777(2):267–73

Effect of K+ depolarization on the synthesis of prostaglandins and hydroxyeicosatetra(5,8,11,14)enoic acids (HETE) in the rat retina. Evidence for esterification of 12–HETE in lipids. Birkle DL, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):564–73

The activation of the sodium pump in pig red blood cells by internal and external cations. Brand SC, et al. **Biochim Biophys Acta** 1985 May 30;845(2):139–50

Effect of internal and external K+ on Na+–Ca2+ exchange in dialyzed squid axons under voltage clamp conditions. DiPolo R, et al. **Biochim Biophys Acta** 1984 Oct 3; 776(2):313–6

Differential interaction of cations with the thiamine and biotin transport proteins of Lactobacillus casei. Henderson GB, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):201–6

Ouabain– and potassium–induced stimulation of amylase release in fragments and acini of rabbit pancreas. Kuijpers GA, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):454–62

Kinetics of Na+–ATPase: influence of Na+ and K+ on substrate binding and hydrolysis. Plesner L, et al. **Biochim Biophys Acta** 1985 Aug 27;818(2):222–34

The modulation of the calcium pump of human red cells by Na+ and K+. Romero PJ, et al. **Biochim Biophys Acta** 1984 Dec 5;778(2):245–52

Liver preservation. Toledo–Pereyra LH. **Bol Asoc Med PR** 1985 Jan;77(1):2–5

Forskolin: its effects on potassium–evoked release of vasopressin from the rat neurohypophysis. Bowman D, et al. **Br J Pharmacol** 1985 May;85(1):197–203

The roles of stored calcium in contractions of cat tracheal smooth muscle produced by electrical stimulation, acetylcholine and high K+. Ito Y, et al. **Br J Pharmacol** 1984 Nov;83(3):667–76

Potassium induces relaxation and hyperpolarization of circular muscles but contraction of longitudinal muscles of pig duodenum. Kimura I, et al. **Br J Pharmacol** 1984 Sep;83(1):187–93

Reactivity to bradykinin and potassium of the isolated duodenum from rats with genetic and renal hypertension. Miasiro N, et al. **Br J Pharmacol** 1985 Jul;85(3):639–46

Striatal dopamine release stimulated by amphetamine or potassium: influence of ovarian hormones and the light–dark cycle. Becker JB, et al. **Brain Res** 1984 Oct 8; 311(1):157–60

Characteristics of K+– and veratridine–induced release of ATP from synaptosomes prepared from dorsal and ventral spinal cord. White TD, et al. **Brain Res** 1985 May 20; 334(2):372–4

Potassium–induced contractures in crab (Callinectes danae) muscle fibers. Leal–Cardoso JH, et al. **Braz J Med Biol Res** 1984;17(2):203–8

Regulatory effects of potassium and inorganic anions on the NADP–specific malic enzyme of Escherichia coli. Brown DA, et al. **Can J Biochem Cell Biol** 1985 Feb;63(2):128–36

Additive inhibitory effects of combinations of fluoride and chlorhexidine on acid production by Streptococcus mutans and Streptococcus sanguis. McDermid AS, et al. **Caries Res** 1985;19(1):64–71

Differential effects of phenylmethanesulfonyl fluoride (PMSF) on carbachol and potassium stimulated phosphoinositide turnover and contraction in longitudinal smooth muscle of guinea pig ileum. Sekar MC, et al. **Cell Calcium** 1984 Jun;5(3):191–203

The effects of antiarrhythmic drugs, stimulation frequency, and potassium–induced resting membrane potential changes on conduction velocity and dV/dtmax in guinea pig myocardium. Buchanan JW Jr, et al. **Circ Res** 1985 May; 56(5):696–703

Vascular responses to K+ in essential hypertension [letter] Overbeck HW. **Clin Sci** 1985 Jan;68(1):101–2

Concurrent releases of norepinephrine and purines by potassium from adrenergic melanosome–aggregating nerve in tilapia. Kumazawa T, et al. **Comp Biochem Physiol [C]** 1984;78(2):263–6

Kinetics of tryptophanase inactivation/activation by sudden removal/addition of potassium ions with the aid of a crown ether or cryptand. Behbahani–Nejad I, et al. **Curr Top Cell Regul** 1984;24:219–28

The effect of potassium on some nephrotoxic actions of lithium in rats. Olesen OV. **Dan Med Bull** 1984 Aug; 31(4):270–82 (95 ref.)

Perifusion of a clonal cell line of Simian virus 40–transformed beta cells. Insulin secretory dynamics in response to glucose, 3–isobutyl–1–methylxanthine, and potassium. Hill RS, et al. **Diabetes** 1985 Feb;34(2):115–20

Atrial natriuretic factor inhibits the stimulation of aldosterone secretion by angiotensin II, ACTH and potassium in vitro and angiotensin II–induced steroidogenesis in vivo. Chartier L, et al. **Endocrinology** 1984 Nov;115(5):2026–8

Potassium regulates angiotensin II–induced aldosterone biosynthesis in acutely nephrectomized rats. Douglas JG. **Endocrinology** 1984 Nov;115(5):1760–4

Aldosterone responses to angiotensin II, adrenocorticotropin, and potassium in chronic experimental diabetes mellitus in rats. Hayashi M, et al. **Endocrinology** 1984 Dec; 115(6):2205–9

Release of luteinizing hormone and follicle–stimulating hormone from pituitaries of lactating rats by gonadotropin–releasing hormone and high potassium concentration. Smith MS. **Endocrinology** 1985 May; 116(5):1826–34

Effects of K+ on the interaction between cardiac glycosides and Na,K–ATPase. Akera T, et al. **Eur J Pharmacol** 1985 May 8;111(2):147–57

Low concentrations of potassium inhibit the Na–dependent [3H]glutamate binding to rat hippocampal membranes. Kramer K, et al. **Eur J Pharmacol** 1984 Jun 15;102(1):155–8

Antagonism of Ca2+–induced contractions of K+–depolarized smooth muscle by local anaesthetics. Spedding M, et al. **Eur J Pharmacol** 1985 Jan 22; 108(2):143–50

Potassium and caffeine contractures in limb muscles of normal and dystrophic (C57 BL/6J dy2J/dy2J) mice. Noireaud J, et al. **Exp Neurol** 1985 Mar;87(3):495–502

Role of aldosterone and dietary potassium in potassium adaptation in the distal colon of the rat. Foster ES, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):41–6

The effect of trifluperidol on the contractile response of guinea–pig taenia coli to acetylcholine, histamine, potassium and calcium. Fortes ZB. **Gen Pharmacol** 1984; 15(5):423–5

Interaction of potassium ions and tetrodotoxin (TTX) with inactivated sodium channels in isolated rat myocardial cells. Burnashev NA, et al. **Gen Physiol Biophys** 1984 Dec; 3(6):507–9

The effects of the replacement of K+ by Tl+, Rb+, and NH+4 on the muscle membrane potential. Edwards C, et al. **Gen Physiol Biophys** 1984 Jun;3(3):259–64

The influence of short–duration stretch on vasoconstrictor response in rabbit aortas. Wolf GL, et al. **Invest Radiol** 1984 Jul–Aug;19(4):269–72

Effects of dietary potassium and sodium on magnesium utilization in sheep. Poe JH, et al. **J Anim Sci** 1985 Feb; 60(2):578–82

The effect of substrate and potassium on the inhibitory kinetics of MnCl2 on the enzyme K+–p–nitrophenyl phosphatase in rat brain. Bansal SK, et al. **J Appl Toxicol** 1985 Feb;5(1):35–8

Thallium replaces potassium in activation of the (Na+,K+)–ATPase of rat liver plasma membranes. Favari L, et al. **J Appl Toxicol** 1985 Feb;5(1):32–4

Inactivation of muscle adenylate kinase by site–specific destruction of tyrosine 95 using potassium ferrate. Crivellone MD, et al. **J Biol Chem** 1985 Mar 10; 260(5):2657–61

Characteristics of angiotensin II–, K+– and ACTH–induced calcium influx in adrenal glomerulosa cells. Evidence that angiotensin II, K+, and ACTH may open a common calcium channel. Kojima I, et al. **J Biol Chem** 1985 Aug 5;260(16):9171–6

The Escherichia coli adenylate cyclase complex. Stimulation by potassium and phosphate. Liberman E, et al. **J Biol Chem** 1985 Apr 10;260(7):4075–81

In vitro studies on responses to noradrenaline, serotonin, and potassium of intramyocardial and mesenteric resistance vessels from Wistar rats. Nyborg NC, et al. **J Cardiovasc Pharmacol** 1985 May–Jun;7(3):417–23

Frequency–dependence of Vmax in K–depolarized guinea pig ventricle: effects of nifedipine and verapamil. Woods JP, et al. **J Cardiovasc Pharmacol** 1985 Jan–Feb; 7(1):197–204

A clinical comparison of potassium and magnesium–potassium crystalloid cardioplegia: metabolic considerations. Engelman RM, et al. **J Cardiovasc Surg (Torino)** 1985 Jul–Aug;26(4):343–50

A selective defect in arachidonic acid release from macrophage membranes in high potassium media. Aderem AA, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1235–41

Spectrum of altered reactivity of isolated cerebral arteries following subarachnoid haemorrhage––response to potassium, pH, noradrenaline, 5–hydroxytryptamine, and sodium loading. Pickard JD, et al. **J Cereb Blood Flow Metab** 1984 Dec;4(4):599–609

Medullary collecting duct acidification. Effects of potassium, HCO3 concentration, and pCO2. Jacobson HR. **J Clin Invest** 1984 Dec;74(6):2107–14

Influence of dietary sodium and potassium bicarbonate and total potassium on heat–stressed lactating dairy cows. Schneider PL, et al. **J Dairy Sci** 1984 Nov;67(11):2546–53

Effect of some salts of calcium, sodium, potassium, and strontium on intra–oral enamel demineralization. Brudevold F, et al. **J Dent Res** 1985 Jan;64(1):24–7

Ionic dependence of secretory and electrical activity evoked by elevated K+ in a peptidergic neurosecretory system. Cooke IM, et al. **J Exp Biol** 1984 Nov;113:289–321

Effect of local infusion of ouabain on human forearm vascular resistance and on response to potassium, verapamil and sodium nitroprusside. Robinson BF, et al. **J Hypertens** 1983 Aug;1(2):165–9

Effects of potassium on sodium balance, renin, noradrenaline and arterial pressure. Zoccali C, et al. **J Hypertens** 1985 Feb;3(1):67–72

Regulation of dopamine release from PC12 pheochromocytoma cell cultures during stimulation with elevated potassium or carbachol. Baizer L, et al. **J Neurochem** 1985 Feb;44(2):495–501

Potassium–induced release of endogenous amino acids in the guinea pig cochlea. Jenison GL, et al. **J Neurochem** 1985 Jun;44(6):1845–53

Dopamine inhibits calcium–independent gamma–[3H]aminobutyric acid release induced by kainate and high K+ in the fish retina. Kato S, et al. **J Neurochem** 1985 Mar;44(3):893–9

Nature of extrasynaptosomal accumulation of endogenous adenosine evoked by K+ and veratridine. MacDonald WF, et al. **J Neurochem** 1985 Sep;45(3):791–7

Characteristics of tyrosine hydroxylase activation by K+–induced depolarization and/or forskolin in rat striatal slices. el Mestikawy S, et al. **J Neurochem** 1985 Jul; 45(1):173–84

Effect of glutamine on glutamate release from hippocampal slices induced by high K+ or by electrical stimulation: interaction with different Ca2+ concentrations. Szerb JC, et al. **J Neurochem** 1985 Jun;44(6):1724–31

Potassium–stimulated purine release by cultured sympathetic neurons. Wolinsky EJ, et al. **J Neurosci** 1985 Jul; 5(7):1680–7

Functional role of the potassium–induced stimulation of oxygen uptake in brain slices studied with cesium as a probe. Hertz L, et al. **J Neurosci Res** 1985;14(1):83–93

Cobalt–sensitive biphasic uptake of calcium ions in potassium–depolarized smooth muscle. Little SA, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):746–53

Relationship between 45Ca movements, different calcium components and responses to acetylcholine and potassium in tracheal smooth muscle. Weiss GB, et al. **J Pharmacol Exp Ther** 1985 May;233(2):389–94

Effects of glucose removal and readmission on potassium contracture in the guinea–pig taenia coli. Ashoori F, et al. **J Physiol (Lond)** 1984 Nov;356:33–48

Isolation of calcium current and its sensitivity to monovalent cations in dialysed ventricular cells of guinea–pig. Matsuda H, et al. **J Physiol (Lond)** 1984 Dec;357:553–73

The early time course of potassium-stimulated calcium uptake in presynaptic nerve terminals isolated from rat brain. Nachshen DA. **J Physiol (Lond)** 1985 Apr;361:251-68

Modulation of aldosterone receptors in rat kidney: effects of steroid treatment and potassium diet. Rafestin-Oblin ME, et al. **J Steroid Biochem** 1984 Oct;21(4):465-70

The effects of four different crystalloid bypass pump-priming fluids upon the metabolic response to cardiac operation. McKnight CK, et al. **J Thorac Cardiovasc Surg** 1985 Jul; 90(1):97-111

Myocardial preservation with glucose, insulin, and potassium [letter] Stewart JR, et al. **J Thorac Cardiovasc Surg** 1985 Jun;89(6):948-50

Potassium bicarbonate supplementation blocks the hypocalciuric response to hydrochlorothiazide in rats. Goulding A, et al. **J Urol** 1985 May;133(5):891-3

Effects of sodium, potassium, ACTH and nephrectomy on adrenal renin. Doi Y, et al. **Jpn Circ J** 1984 Nov; 48(11):1280-1

Effect of external potassium and acetylstrophanthidin on conduction velocity of isolated canine Purkinje fibers. Hashimoto K, et al. **Jpn J Pharmacol** 1985 Apr;37(4):355-63

Study on the contraction and oxygen consumption induced by high K, Na-deficient solution in the urinary bladder and gall bladder of guinea-pig. Yaguchi S, et al. **Jpn J Pharmacol** 1984 Nov;36(3):407-12

Tumor promoters potentiate the adrenomedullary secretion induced by acetylcholine and excess K possibly by stimulating phorbol ester receptors. Sorimachi M, et al. **Jpn J Physiol** 1985;35(1):175-8

Effects of divalent cations on biphasic potassium contractures and on contractile inactivation in low calcium solutions in frog single twitch muscle fibers. Takauji M, et al. **Jpn J Physiol** 1984;34(6):961-72

Effects of external calcium reduction on biphasic potassium contractures and action of divalent cations on the calcium reduction in frog single twitch muscle fibers. Tsutsu-ura M, et al. **Jpn J Physiol** 1984;34(3):485-95

Effects of K+-deficiency and serum supplementation on protein turnover and nucleic acid synthesis in HeLa cells. Sakai I, et al. **Life Sci** 1985 Jan 14;36(2):169-76

Regulation of tyrosine hydroxylase phosphorylation in PC12 pheochromocytoma cells by elevated K+ and nerve growth factor. Evidence for different mechanisms of action. Lee KY, et al. **Mol Pharmacol** 1985 Aug;28(2):220-8

Forskolin inhibits potassium-evoked release of vasopressin from rat neurohypophyses. Bowman D, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan; 328(3):358-60

Decrease in bradycardic effect of AQ-A 39 and alinidine in guinea-pig sinoatrial node depolarized by high external K+-concentration. Lillie C, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Dec; 328(2):210-3

Interactions between a 'calcium channel agonist', Bay K 8644, and calcium antagonists differentiate calcium antagonist subgroups in K+-depolarized smooth muscle. Spedding M, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Nov; 328(1):69-75

Stimulatory effect of potassium ions on MNU- and MNNG-induced mutagenesis in Salmonella typhimurium TA1535 and TA100. Balansky RM, et al. **Neoplasma** 1985; 32(3):313-21

Influence of aminooxyacetic acid on the potassium-evoked release of [3H]gamma-aminobutyric acid from slices of rat cerebral cortex. Bedwani JR, et al. **Neurochem Res** 1984 Aug;9(8):1101-8

Modulation by leu-enkephalin of peptide release from perifused neurointermediate pituitary. I. Selective effect on potassium-, veratridine- and isoproterenol-stimulated secretion of vasopressin. Al Zein M, et al. **Neuroendocrinology** 1984 Nov;39(5):392-6

In vivo release of somatostatin from rat median eminence after local K+ infusion or delivery of nociceptive stress. Arancibia S, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):97-102

Dual effect of verapamil on K+-evoked release of endogenous dopamine from arcuate nucleus-median eminence complex. Di Renzo G, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):269-72

Differential sensitivity of selected rat brain areas to excitatory neurotransmitters released by K+ depolarization. Luini A, et al. **Neurosci Lett** 1984 Aug 31;49(3):325-30

Tonic depolarization of excitatory nerve terminals in crayfish muscle by high concentrations of extracellular potassium. Martin C, et al. **Neurosci Lett** 1985 Feb 4;53(3):309-14

Decrease of tailed, asymmetric 16S acetylcholinesterase in rat superior cervical ganglion neurons in vitro after potassium depolarization: partial antagonist action of a calcium-channel blocker. Verdière M, et al. **Neurosci Lett** 1984 Nov 23;52(1-2):135-40

Potassium-induced contraction in smooth muscle. Karaki H, et al. **Nippon Heikatsukin Gakkai Zasshi** 1984 Dec; 20(6):427-44 (129 ref.)

The effects of sodium nitroprusside on the phasic and tonic contraction of the potassium contracture of the smooth muscle of guinea-pig vas deferens and portal vein. Sunano S. **Nippon Heikatsukin Gakkai Zasshi** 1984 Feb;20(1):35-44

High K-induced contractions in rabbit and monkey tracheal smooth muscle. Ueda F, et al. **Nippon Heikatsukin Gakkai Zasshi** 1983 Dec;19(6):541-9

Influence of monovalent cations on the activity of T4 DNA ligase in the presence of polyethylene glycol. Hayashi K, et al. **Nucleic Acids Res** 1985 May 10;13(9):3261-71

The effect of high K+ depolarization and verapamil on 45Ca2+ fluxes in the canine myocardium. Lodge NJ, et al. **Pflugers Arch** 1985 Feb;403(2):222-4

Force and membrane potential in acetylcholine and potassium contractures of denervated mouse muscles. Lorković H. **Pflugers Arch** 1985 May;404(1):50-5

Does 5HT play a neurotransmitter role in mammalian retina? Studies on uptake and potassium-stimulated release of 14C-5HT and 14C-GABA from bovine and rabbit retina slices. Nowak JZ, et al. **Pol J Pharmacol Pharm** 1985 Jan-Feb;37(1):57-68

The response of pancreatic beta-cell membrane potential to potassium-induced calcium influx in the presence of glucose. Dawson CM, et al. **Q J Exp Physiol** 1984 Oct; 69(4):819-30

The effect of peripheral chemodenervation on the ventilatory response to potassium. Band DM, et al. **Respir Physiol** 1985 May;60(2):217-25

Effects of high K on relaxation produced by drugs in the guinea-pig tracheal muscle. Ito M, et al. **Respir Physiol** 1985 Jul;61(1):43-55

The effect of potassium on carotid chemoreceptor activity and ventilation in the cat. Linton RA, et al. **Respir Physiol** 1985 Jan;59(1):65-70

Effect of monovalent cations on bovine alpha- and beta-thrombin: importance of substrate structure. Lundblad RL, et al. **Thromb Res** 1985 Jan 1;37(1):53-9

Effect of Na+, K+ ion concentration on the production of plasminogen activator from a melanoma cell line. Matsuo O, et al. **Thromb Res** 1985 Jun 1;38(5):577-84

Effect of phosphate on the biosynthesis of nourseothricin by Streptomyces noursei JA 3890b. Müller PJ, et al. **Z Allg Mikrobiol** 1984;24(8):555-64

[Practicable method for preparing and controlling aqueous solutions of potassium bromide with very precise hydratic density] Kiriakov A, et al. **Vutr Boles** 1984;23(4):99-102 (Eng. Abstr.) **(Bul)**

[Effect of a glucose-insulin-potassium solution on electrophysiological changes during myocardial ischemia] Zhao ZQ. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Jun;12(2):134-7 (Eng. Abstr.) **(Chi)**

[Cations and blood pressure] Kesteloot H. **Ned Tijdschr Geneeskd** 1985 Apr 6;129(14):630-4 **(Dut)**

[Effects of changes in K+ in the perilymphatic fluid on the activity of vestibular receptors in the frog] Botta L, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30;61(3):419-24 (Eng. Abstr.) **(Ita)**

[Atmospheric radiations. Effects of potassium-inhibitory and potassium-retentive hormones on two types of infective agent] Noferi V, et al. **Minerva Med** 1984 Nov 30; 75(45-46):2755-64 (Eng. Abstr.) **(Ita)**

[Effects of high K on the ciliary muscle] Suzuki R, et al. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):364-7 (Eng. Abstr.) **(Jpn)**

[Roles of potassium and oxygen in hypothermic cardioplegic myocardial protection] Maeda S, et al. **Rinsho Kyobu Geka** 1984 Jul;4(4):413-7 (Eng. Abstr.) **(Jpn)**

[Role of monovalent cations in tetracycline transport in Escherichia coli] Alimov AP, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Sep-Oct;(5):754-9 (Eng. Abstr.) **(Rus)**

[Relation between the effect of carbacholine on spontaneous mediator release from motor nerve endings and extracellular potassium concentration in the rat] Nikol'skii EE. **Neirofiziologiia** 1984;16(4):470-5 (Eng. Abstr.) **(Rus)**

[Transmembrane effects in the sodium pump system. I. The effect of external potassium and rubidium on the dependence of sodium efflux on sodium concentration in the frog muscle] Marakhova II. **Tsitologiia** 1984 Oct; 26(10):1136-44 (Eng. Abstr.) **(Rus)**

[Metabolism of cGMP with K+ concentration increase in the medium causing depolarization of cortical cell membranes in normal and irradiated rats] Skopenko EV, et al. **Ukr Biokhim Zh** 1985 Mar-Apr;57(2):76-9 (Eng. Abstr.) **(Rus)**

[The cAMP system in the cerebral cortex of irradiated rats in increased exogenous K+ levels] Skopenko EV, et al. **Ukr Biokhim Zh** 1985 Jul-Aug;57(4):82-5 (Eng. Abstr.) **(Rus)**

[Changes caused by tricyclic antidepressants on the contraction of the isolated rat ileum by potassium (110 mM)] Puche E, et al. **Arch Farmacol Toxicol** 1984 Apr; 10(1):25-30 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Effect of K-depletion on 3H-ouabain binding and Na-K-contents in mammalian skeletal muscle. Kjeldsen K, et al. **Acta Physiol Scand** 1984 Oct;122(2):103-17

Calcium dependent modulation of histamine release from mast cells by sodium and potassium. Binck M, et al. **Agents Actions** 1985 Apr;16(3-4):118-21

A Symposium: Potassium, catecholamines and beta blockade. June 22-23, 1984, New York, New York. **Am J Cardiol** 1985 Aug 30;56(6):1D-59D

Potassium homeostasis and clinical implications. Brown RS. **Am J Med** 1984 Nov 5;77(5A):3-10

Potassium excretion by the isolated perfused kidney from the potassium-adapted rat. Adam WR, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):F602-6

Effect of potassium depletion on chloride transport in the loop of Henle in the rat. Luke RG, et al. **Am J Physiol** 1985 May;248(5 Pt 2):F682-7

Potassium ion homeostasis and mitochondrial redox status of turtle brain during and after ischemia. Sick TJ, et al. **Am J Physiol** 1985 May;248(5 Pt 2):R531-40

Effect of thyroid status on K+-stimulated metabolism and 45Ca exchange in rat skeletal muscle. Van Hardeveld C, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):E421-30

Extracellular potassium modifies the structure of kidney epithelial cells in culture. Waack S, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C105-10

Na regulates growth of kidney epithelial cells induced by lowering extracellular K concentration. Walsh-Reitz MM, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C321-6

Insulin stimulation of an electrogenic pump at high extracellular potassium concentration. Wu FS, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):E12-6

Insulin action on membrane potential and glucose uptake: effects of high potassium. Zierler K, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):E17-25

The role of sodium and potassium in the control of blood pressure. Morgan T, et al. **Aust NZ J Med** 1984 Aug; 14(4):458-62

delta-mu H-buffering by Na+ and K+ gradients in bacteria. Model and experimental systems. Drachev AL, et al. **Biochim Biophys Acta** 1985 Jun 3;811(2):197-215

Presence of a Ca2+-dependent K+ channel in brown adipocytes. Possible role in maintenance of alpha 1-adrenergic stimulation. Nånberg E, et al. **Biochim Biophys Acta** 1985 Jan 18;844(1):42-9

Effect of sodium gradient on the rate of relaxation of rat mesenteric small arteries from potassium contractures. Petersen TT, et al. **Blood Vessels** 1984;21(6):279-89

The relationship between potassium balance and circulating catecholamines in essential hypertension. Cerasola G, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1111-7

Ionic dependence of early adaptation in the crustacean stretch receptor. Ottoson D, et al. **Brain Res** 1985 Jun 10;336(1):1-8

Intracellular Ca2+-ions inactivate K+-current in bullfrog sympathetic neurons. Tokimasa T. **Brain Res** 1985 Jul 1; 337(2):386-91

Action potential prolongation and induction of abnormal automaticity by low quinidine concentrations in canine Purkinje fibers. Relationship to potassium and cycle length. Roden DM, et al. **Circ Res** 1985 Jun;56(6):857-67

Light-evoked depolarizations in the retina of Strombus: role of sodium and potassium ions. Chinn KS, et al. **Comp Biochem Physiol [A]** 1985;80(2):233-45

The pathophysiology of potassium and magnesium disturbances. A cardiac perspective. Schipperheyn JJ. **Drugs** 1984 Oct;28 Suppl 1:112-9

Analysis of long-term potassium regulation. Young DB. **Endocr Rev** 1985 Winter;6(1):24-44 (45 ref.)

Problems related to potassium homeostasis in the newborn. John EG. **Indian J Pediatr** 1983 Nov-Dec;50(407):577-83

Effect of beta-adrenoceptor blockade on H+ and K+ flux in exercising humans. Katz A, et al. **J Appl Physiol** 1985 Aug;59(2):336-41

Increasing gracilis muscle interstitial potassium concentrations stimulate group III and IV afferents. Rybicki KJ, et al. **J Appl Physiol** 1985 Mar;58(3):936-41

Enhanced secretion of glucosyltransferase by changes in potassium ion concentrations is accompanied by an altered pattern of membrane fatty acids in Streptococcus salivarius. Markevics LJ, et al. **J Bacteriol** 1985 Mar;161(3):989-94

Transmembrane potential and intracellular potassium ion activity in fetal and maternal liver. Chapman LM, et al. **J Cell Physiol** 1984 Oct;121(1):7-12

In vivo and in vitro studies of urinary concentrating ability in potassium-depleted rabbits. Raymond KH, et al. **J Clin Invest** 1985 Aug;76(2):561-6

Extracellular K+ activity changes related to electroretinogram components. II. Rabbit (E-type) retinas. Dick E, et al. **J Gen Physiol** 1985 Jun;85(6):911-31

Extracellular K+ activity changes related to electroretinogram components. I. Amphibian (I-type) retinas. Dick E, et al. **J Gen Physiol** 1985 Jun;85(6):885-909

Basolateral membrane potassium conductance is independent of sodium pump activity and membrane voltage in canine tracheal epithelium. Welsh MJ. **J Membr Biol** 1985; 84(1):25-33

Alterations to potassium fluxes in the heart during chronic dietary potassium depletion. Ward JP, et al. **J Mol Cell Cardiol** 1985 Jun;17(6):597-602

Neurogenetic analysis of potassium currents in Drosophila: synergistic effects on neuromuscular transmission in double mutants. Ganetzky B, et al. **J Neurogenet** 1983 Sep; 1(1):17-28

The ionic mechanism of the slow outward current in Aplysia neurons. Huguenard JR, et al. **J Neurophysiol** 1985 Aug; 54(2):449-61

The neuropeptide FMRF-amide decreases both the Ca2+ conductance and a cyclic 3',5'-adenosine monophosphate-dependent K+ conductance in identified molluscan neurons. Colombaioni L, et al. **J Neurosci** 1985 Sep;5(9):2533-8

Inhibitors of metalloendoprotease activity prevent K+-stimulated neurotransmitter release from the retina of Xenopus laevis. Frederick JM, et al. **J Neurosci** 1984 Dec; 4(12):3112-9

Serotonin and cyclic adenosine 3':5'-monophosphate modulate the potassium current in tail sensory neurons in the pleural ganglion of Aplysia. Pollock JD, et al. **J Neurosci** 1985 Jul;5(7):1862-71

Identification of delayed potassium and calcium currents in the rat sympathetic neurone under voltage clamp. Belluzzi O, et al. **J Physiol (Lond)** 1985 Jan;358:109-29

A voltage-gated potassium channel in human T lymphocytes. Cahalan MD, et al. **J Physiol (Lond)** 1985 Jan;358:197-237

The kinetics of recovery and development of potassium channel inactivation in perfused squid (Loligo pealei) giant axons. Chabala LD. **J Physiol (Lond)** 1984 Nov; 356:193-220

Non-stationary fluctuations of the potassium conductance at the node of ranvier of the frog. Conti F, et al. **J Physiol (Lond)** 1984 Aug;353:199-230

Slowly inactivating potassium channels induced in Xenopus oocytes by messenger ribonucleic acid from Torpedo brain. Gundersen CB, et al. **J Physiol (Lond)** 1984 Aug;353:231-48

Calcium and potassium currents in spermatogenic cells dissociated from rat seminiferous tubules. Hagiwara S, et al. **J Physiol (Lond)** 1984 Nov;356:135-49

The slow calcium-dependent potassium current in a myenteric neurone of the guinea-pig ileum. Hirst GD, et al. **J Physiol (Lond)** 1985 Apr;361:315-37

Effects of L-glutamate on the anomalous rectifier potassium current in horizontal cells of Carassius auratus retina. Kaneko A, et al. **J Physiol (Lond)** 1985 Jan;358:169-82

On the potassium conductance increased by opioids in rat locus coeruleus neurones. North RA, et al. **J Physiol (Lond)** 1985 Jul;364:265-80

Calcium-activated potassium channels in rat muscle inactivate from a short-duration open state. Pallotta BS. **J Physiol (Lond)** 1985 Jun;363:501-16

Properties of single potassium channels in vesicles formed from the sarcolemma of frog skeletal muscle. Standen NB, et al. **J Physiol (Lond)** 1985 Jul;364:339-58

Physiological role of apical potassium ion channels in frog skin. Van Driessche W. **J Physiol (Lond)** 1984 Nov; 356:79-95

Apical membrane potassium and chloride permeabilities in surface cells of rabbit descending colon epithelium. Wills NK. **J Physiol (Lond)** 1985 Jan;358:433-45

Anisotropic conduction properties of canine ventricular muscles. Influence of high extracellular K+ concentration and stimulation frequency. Tsuboi N, et al. **Jpn Circ J** 1985 May;49(5):487-98

Intracellular K+ activity in canine submandibular gland cells in resting and its change during stimulation. Mori H, et al. **Jpn J Physiol** 1984;34(6):1077-88

Interactions of magnesium and potassium on cardiac and vascular smooth muscle. International symposium, Montbazon, November 8-11, 1984. **Magnesium** 1984; 3(4-6):173-360

Vitamin D metabolite effects on membrane potential and potassium intracellular activity in rabbit cartilage. Edelman A, et al. **Miner Electrolyte Metab** 1985;11(2):97-105

Adenosine-induced K+ current in Xenopus oocyte and the role of adenosine 3',5'-monophosphate. Lotan I, et al. **Mol Pharmacol** 1985 Aug;28(2):170-7

Modulation of a transient outward current in serotonergic neurones by alpha 1-adrenoceptors. Aghajanian GK. **Nature** 1985 Jun 6-12;315(6019):501-3

Voltage-dependent potassium currents in cultured astrocytes. Bevan S, et al. **Nature** 1985 May 16-22;315(6016):229-32

Developmental acquisition of Ca2+-sensitivity by K+ channels in spinal neurones. Blair LA, et al. **Nature** 1985 May 23-29;315(6017):329-31

Modulation of single Ca2+-dependent K+-channel activity by protein phosphorylation. Ewald DA, et al. **Nature** 1985 Jun 6-12;315(6019):503-6

Substance P raises neuronal membrane excitability by reducing inward rectification. Stanfield PR, et al. **Nature** 1985 Jun 6-12;315(6019):498-501

The effect of various ions on uptake2 of catecholamines. Bönisch H, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Feb; 328(4):407-16

Forskolin mimics and blocks a serotonin-sensitive decreased K+ conductance in tail sensory neurons of Aplysia. Walsh JP, et al. **Neurosci Lett** 1984 Nov 23;52(1-2):7-11

Characterization of alpha 2-adrenoceptors which increase potassium conductance in rat locus coeruleus neurones. Williams JT, et al. **Neuroscience** 1985 Jan;14(1):95-104

Patch-clamp study of rubidium and potassium conductances in single cation channels from mammalian exocrine acini. Gallacher DV, et al. **Pflugers Arch** 1984 Aug;401(4):361-7

Ouabain decreases apparent potassium-conductance in proximal tubules of the amphibian kidney. Messner G, et al. **Pflugers Arch** 1985 May;404(2):131-7

L-Alanine and L-phenylalanine activate Na+ and K+ conductance pathways in the exocrine mouse pancreas. Singh J. **Pflugers Arch** 1984 Oct;402(2):176-84

Counterarguments against alleged proof of the NA-K pump in studies of K+ and Na+ distributions in amphibian eggs. Ling GN. **Physiol Chem Phys Med NMR** 1984; 16(4):293-305

Acetylcholine and phorbol esters inhibit potassium currents evoked by adenosine and cAMP in Xenopus oocytes. Dascal N, et al. **Proc Natl Acad Sci USA** 1985 Sep; 82(17):6001-5

Dual modulation of K channels by thyrotropin-releasing hormone in clonal pituitary cells. Dubinsky JM, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4282-6

GABAB-receptor-activated K+ current in voltage-clamped CA3 pyramidal cells in hippocampal cultures. Gähwiler BH, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1558-62

beta-Adrenergic induced K+ current in Xenopus oocytes: role of cAMP, inhibition by muscarinic agents. Van Renterghem C, et al. **Proc R Soc Lond [Biol]** 1985 Jan 22;223(1232):389-402

Relationship between potassium conductance and transport in renal tubular epithelium. Cohen B, et al. **Prog Clin Biol Res** 1984;164:391-401

Correlation of colony forming ability of mammalian cells with potassium content after hyperthermia under different experimental conditions. Ruifrok AC, et al. **Radiat Res** 1985 Sep;103(3):452-4

[Action of neurotropic substances on gamma-aminobutyric acid release from brain synaptosomes during K+ depolarization] Maĭsov NI, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):451-3 (Eng. Abstr.) **(Rus)**

[Synaptic transmission and action of noradrenaline and ATP in intestinal smooth muscle cells in a potassium-free solution] Baĭdan LV, et al. **Fiziol Zh** 1984 Nov-Dec; 30(6):724-6 **(Rus)**

[Slow surface-negative potentials and the concentration of extracellular potassium in the cerebral cortex under different parameters of electrical stimulation] Roĭtbak AI, et al. **Fiziol Zh** 1984 Sep-Oct;30(5):566-71 (Eng. Abstr.) **(Rus)**

[Role of intracellular calcium stores in the generation of phasic component of K-contraction of the frog myocardium] Mukumov MR, et al. **Fiziol Zh SSSR** 1984 Jun;70(6):833-7 (Eng. Abstr.) **(Rus)**

[Effect of Na+, K+ and Ca++ ions on catecholamine release in the caudal mesenteric ganglion] Reprintseva VM. **Fiziol Zh SSSR** 1985 May;71(5):561-8 (Eng. Abstr.) **(Rus)**

[Neurochemical and ionic mechanisms of dorsal root potentials in the spinal cord of the immature rat] Abramets II, et al. **Neirofiziologiia** 1984;16(6):796-800 (Eng. Abstr.) **(Rus)**

[Effect of potassium ions on the electrical activity of ampullae of Lorenzini in the skate] Akoev GN, et al. **Neirofiziologiia** 1984;16(4):493-7 (Eng. Abstr.) **(Rus)**

[2 types of neurons differing in their plastic properties: study of ionic mechanisms] D'iakonova TL. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):552-60 (Eng. Abstr.) **(Rus)**

[Regulation of sarcolemmal Ca2+-ATPase activity in the heart based on the differing effect of sodium and potassium ions] Ziegelhöffer A, et al. **Bratisl Lek Listy** 1985 Mar; 83(3):301-7 (Eng. Abstr.) **(Slo)**

RADIATION EFFECTS

[Extracellular potassium in the frog retina and its light-induced changes] Bykov KA, et al. **Fiziol Zh SSSR** 1984 Oct;70(10):1381-7 (Eng. Abstr.) **(Rus)**

SECRETION

Stimulation of distal potassium secretion by low lumen chloride in the presence of barium. Ellison DH, et al. **Am J Physiol** 1985 May;248(5 Pt 2):F638-49

Vicious cycle of catecholamines and K+ in cardiac ischemia. Hirche H, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 5:S71-5

Relationships between chloride and potassium secretion across large intestine. Frizzell RA, et al. **KROC Found Ser** 1984;17:35-46

The electrical basis for enhanced potassium secretion in rat distal colon during dietary potassium loading. Sandle GI, et al. **Pflugers Arch** 1985 Apr;403(4):433-9

Release of P and K from yeast cells irradiated by vacuum UV below 170 nm. Matsumoto S, et al. **Radiat Environ Biophys** 1984;23(4):287-94

THERAPEUTIC USE

Effects of glucose-insulin-potassium (GIK) on myocardial blood flow and metabolism in canine endotoxin shock. Bronsveld W, et al. **Circ Shock** 1984;13(4):325-40 (53 ref.)

A proposal for an experiment of potassium on rheumatoid arthritis [letter] Weber CE. **Clin Exp Rheumatol** 1983 Apr-Jun;1(2):184-6

Oral potassium chloride and amiloride in hydrochlorothiazide-induced potassium loss. Maronde RF, et al. **Clin Pharmacol Ther** 1984 Oct;36(4):431-5

Use of glucose-insulin-potassium (GIK) in human septic shock. Bronsveld W, et al. **Crit Care Med** 1985 Jul; 13(7):566-70

The role of potassium in control of blood pressure. Morgan T, et al. **Drugs** 1984 Oct;28 Suppl 1:188-95

Potassium reduces cerebral hemorrhage and death rate in hypertensive rats, even when blood pressure is not lowered. Tobian L, et al. **Hypertension** 1985 May-Jun;7(3 Pt 2):I110-4

Does the benefit of aggressive potassium replacement in diuretic-treated patients outweigh the risk? Kassirer JP. **J Cardiovasc Pharmacol** 1984;6 Suppl 3:S488-92

Efficacy of crystalloid cardioplegic solutions in patients undergoing myocardial revascularization. Effect of infusion route and regional wall motion on preservation of adenine nucleotide stores. Silverman NA, et al. **J Thorac Cardiovasc Surg** 1985 Jan;89(1):90-6

Role of dietary potassium and magnesium in diuretic-treated patients with cardiac insufficiency. Heinonen L, et al. **Magnesium** 1984;3(1):38-45

Potassium supplementation in hypertensive patients with diuretic-induced hypokalemia. Kaplan NM, et al. **N Engl J Med** 1985 Mar 21;312(12):746-9

Fending off the potassium pushers [editorial] Kassirer JP, et al. **N Engl J Med** 1985 Mar 21;312(12):785-7

Effect of cesium and potassium salts on survival of rats bearing Novikoff hepatoma. Messiha FS, et al. **Pharmacol Biochem Behav** 1984;21 Suppl 1:31-4

A study of two diuretic/potassium combinations in heart failure. Hussain M, et al. **Postgrad Med J** 1985 Jan; 61(711):29-33

Potassium protects against renal tubule lesions in NaCl-fed hypertensive Dahl S rats. Tobian L, et al. **Trans Assoc Am Physicians** 1983;96:417-25

[Status of glucose-insulin-potassium solutions in acute myocardial infarct] Artese D, et al. **Clin Ter** 1985 Jun 30; 113(6):457-65 (Eng. Abstr.) **(Ita)**

[Treatment of Sweet's syndrome using potassium iodate (letter)] Herrero C, et al. **Med Clin (Barc)** 1985 Feb 9; 84(5):209 **(Spa)**

TOXICITY

Functional endothelial damage by high-potassium cardioplegic solutions to saphenous vein bypass grafts. De Caterina R, et al. **Surgery** 1985 Sep;98(3):465-71

[Action of potassium sulfate and potassium magnesium sulfate on the body of animals in a chronic experiment] Khodykina TM. **Gig Tr Prof Zabol** 1984 Jul;(7):47-9 **(Rus)**

[Experimental verification of the permissible sodium and potassium concentrations in potable regenerated water] Kondratiuk VA. **Kosm Biol Aviakosm Med** 1985 Mar-Apr; 19(2):74-8 (Eng. Abstr.) **(Rus)**

URINE

Dependency of renal potassium excretion on Na,K-ATPase transport rate. Sejersted OM, et al. **Acta Physiol Scand** 1985 Jan;123(1):9-19

Modification of urinary potassium secretion following lithium in rats of different ages. Kersten L, et al. **Agressologie** 1985 Mar;26(3):253-6

The effect of dietary sodium on urinary calcium and potassium excretion in normotensive men with different calcium intakes. Castenmiller JJ, et al. **Am J Clin Nutr** 1985 Jan;41(1):52-60

Renal function in sea snakes. II. Sodium, potassium, and magnesium excretion. Benyajati S, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R237-45

Effects of KCl infusion on potassium excretion in sheep. Rabinowitz L, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F263-71

Ontogeny of renal mineralocorticoid receptors and urinary electrolyte responses in the rat. Stephenson G, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F665-71

Effect of ouabain on K secretion in cortical collecting tubules from adrenalectomized rabbits. Wingo CS. **Am J Physiol** 1984 Oct;247(4 Pt 2):F588-95

Microprocessor-controlled ex vivo monitoring of sodium and potassium concentrations in undiluted urine with ion-selective electrodes. Dütsch S, et al. **Anal Chem** 1985 Mar;57(3):578-80

Urinary cations and blood pressure--population studies. Kesteloot H. **Ann Clin Res** 1984;16 Suppl 43:72-80

Changes in sodium and potassium excretion and urinary volume in rats submitted to hypervitaminosis A. Petenusci SO, et al. **Arch Int Physiol Biochim** 1984 Dec;92(5):327-31

Effects of cyclosporine on the renin-angiotensin-aldosterone system and potassium excretion in renal transplant recipients. Bantle JP, et al. **Arch Intern Med** 1985 Mar; 145(3):505-8

Renal tubular handling of potassium in patients with medullary sponge kidney. A model of renal papillectomy in humans. Green J, et al. **Arch Intern Med** 1984 Nov; 144(11):2201-4

Effect of indapamide on the renin-aldosterone system, and urinary excretion of potassium and calcium in essential hypertension. Danielsen H, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):229-31

Study of the interrelationship between dopaminergic activity and potassium ion. Matsuda S, et al. **Clin Exp Hypertens [A]** 1984;6(12):2249-61

Influence of age, sex and potassium excretion on urinary prostaglandins in children. Barden A, et al. **Clin Sci** 1985 May;68(5):601-4

Familial aggregation of blood pressure, anthropometric characteristics and urinary excretion of sodium and potassium--a population study in two Belgian towns. Staessen J, et al. **J Chronic Dis** 1985;38(5):397-407

Urinary sodium and potassium excretion in normotensive children in northern Japan [letter] Uchiyama M, et al. **J Chronic Dis** 1984;37(12):956-8

Role of aldosterone in the mechanism of potassium adaptation in the initial collecting tubule. Hirsch D, et al. **Kidney Int** 1984 Dec;26(6):798-807

Influence of intravenous Mg++ solutions on renal excretion of potassium, sodium, calcium, chloride, intraleukocytic potassium and peripheral vascular resistance: a metabolic and hemodynamic study in normal volunteers. Glänzer K, et al. **Magnesium** 1984;3(4-6):324-38

Potassium-aldosterone response in dogs with chronic renal insufficiency. Bourgoignie JJ, et al. **Miner Electrolyte Metab** 1985;11(3):150-4

Influence of alternate-day prednisolone administration on urinary electrolyte excretion. Kumagai H, et al. **Miner Electrolyte Metab** 1985;11(1):52-6

Participation of cholinergic and adrenergic synapses of the medial septal area (MSA) in the natriuretic and kaliuretic responses to intraventricular hypertonic saline (NaCl). da Rocha MJ, et al. **Physiol Behav** 1985 Jan;34(1):23-8

Inhibition of furosemide-induced kaliuresis in the rat by trilostane, an inhibitor of adrenal steroidogenesis. Harding HR, et al. **Proc Soc Exp Biol Med** 1984 Dec;177(3):388-91

Comparative pharmacodynamics of furosemide and muzolimine in cirrhosis. Study on renal sodium and potassium handling and renin-aldosterone axis. Bernardi M, et al. **Z Kardiol** 1985;74 Suppl 2:129-34

[Reference values of sodium, potassium, calcium, chloride and inorganic phosphate excretion in 24-hour urine of healthy children] Liappis N, et al. **Klin Padiatr** 1984 Nov-Dec;196(6):367-9 (Eng. Abstr.) **(Ger)**

[Normokaliuretic hypokalemia during inadapamide treatment of hypertension] Nardoni A, et al. **Clin Ter** 1984 Jul 15; 110(1):45-9 (Eng. Abstr.) **(Ita)**

[Diurnal dynamics of urinary excretion of potassium during one- and two-shift work] Shchukin AI. **Kosm Biol Aviakosm Med** 1984 Sep-Oct;18(5):58-62 (Eng. Abstr.) **(Rus)**

[Combination of carbonated baths with potassium-sparing diuretics] Strec V, et al. **Bratisl Lek Listy** 1984 Sep; 82(3):1077-86 (Eng. Abstr.) **(Slo)**

POTASSIUM CHANNELS see **ION CHANNELS**

POTASSIUM CHLORIDE

Cold ischemic arrest: comparison of calcium-free and calcium-containing solutions. Hendriks FF, et al. **Ann Thorac Surg** 1985 Apr;39(4):312-7

Lack of influence of KCl on values for Na+ obtained with the Nova-1 [letter] Ladenson JH. **Clin Chem** 1985 Mar; 31(3):490-1

Longitudinal study of salt preferences in normotensive and hypertensive rats. Ferrell F; et al. **Hypertension** 1985 May-Jun;7(3 Pt 1):326-32

ADMINISTRATION & DOSAGE

Dysphagia after open heart surgery. Boyce HW Jr. **Hosp Pract [Off]** 1985 Sep 15;20(9):40, 43, 47 passim

Effects on upper gastrointestinal mucosa of three delivery systems of potassium as supplement to frusemide administration. McLoughlin JC. **J R Soc Med** 1985 Jun; 78(6):459-62

[Various problems related to potassium supplementation during treatment of hypertension with diuretics] Wrabec K. **Pol Tyg Lek** 1984 Jun 12-25;39(25-26):895-7 **(Pol)**

ADVERSE EFFECTS

Ulceration of the small intestine due to slow-release potassium chloride tablets. Leijonmarck CE, et al. **Acta Chir Scand** 1985;151(3):273-8

Accidental subcutaneous infiltration of potassium chloride solution causing necrosis. Williams HP. **Br Med J [Clin Res]** 1984 Dec 22-29;289(6460):1742

Gastrointestinal lesions and potassium chloride supplements [letter] **Lancet** 1985 Mar 9;1(8428):581-2

Hazard of potassium chloride solution [letter] Hawkins C. **Lancet** 1985 Sep 7;2(8454):552

Hazards of potassium chloride solution [letter] Lakhani M, et al. **Lancet** 1985 Aug 24;2(8452):453

Gastrointestinal lesions and potassium chloride supplements [letter] Leijonmarck CE, et al. **Lancet** 1985 Jan 5; 1(8419):56-7

[Tissue necrosis after accidental perivenous injection of potassium chloride] Steib A, et al. **Ann Fr Anesth Reanim** 1984;3(5):396-7 **(Fre)**

[Description of a clinical case of inadvertent peridural administration of 15 percent potassium chloride] Pagani I, et al. **Minerva Anestesiol** 1984 Jul-Aug;50(7-8):407-10 (Eng. Abstr.) **(Ita)**

BLOOD

Passive K+-Cl- fluxes in low-K+ sheep erythrocytes: modulation by A23187 and bivalent cations. Lauf PK. **Am J Physiol** 1985 Sep;249(3 Pt 1):C271-8

Thiol-dependent passive K+Cl- transport in sheep red blood cells: VI. Functional heterogeneity and immunologic identity with volume-stimulated K+(Rb+) fluxes. Lauf PK. **J Membr Biol** 1984;82(2):167-78

DIAGNOSTIC USE

Effect of acute potassium load on reabsorption in Henle's loop in chronic renal failure in the rat. Milanes CL, et al. **Kidney Int** 1985 Jun;27(6):919-27

METABOLISM

Effects of A23187 and Ca2+ on volume- and thiol-stimulated, ouabain-resistant K+C1- fluxes in low K+ fluxes in low K+ sheep erythrocytes. Lauf PK, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):790-6

Pharmacokinetics of potassium chloride in wax-based and syrup formulations. Toner JM, et al. **Br J Clin Pharmacol** 1985 Apr;19(4):489-94

Volume regulation by Necturus gallbladder: basolateral KCl exit. Larson M, et al. **J Membr Biol** 1984;81(3):219-32

Liquid and solid potassium chloride: bioavailability and safety. Skoutakis VA, et al. **Pharmacotherapy** 1984 Nov-Dec;4(6):392-7

PHARMACODYNAMICS

Trophic effects of potassium loading on the rat zona glomerulosa: permissive role of ACTH and angiotensin II. Mazzocchi G, et al. **Acta Endocrinol (Copenh)** 1985 Jan; 108(1):98-103

Hypertonic KCI, NaCl and capsaicin intracamerally causes release of substance P-like immunoreactive material into the aqueous humor in rabbits. Mandahl A, et al. **Acta Physiol Scand** 1984 Apr;120(4):579-84

Effects of KCl infusion on potassium excretion in sheep. Rabinowitz L, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F263-71

Arterial pressure responses to increasing interstitial potassium in hindlimb muscle of dogs. Rybicki KJ, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R717-21

Influence of the addition of potassium to 0.5% prilocaine solution during I.V. regional anaesthesia. McKeown DW, et al. **Br J Anaesth** 1984 Oct;56(10):1167-70

A monovalent cation-sensitive actin-binding factor in a myeloid leukemia cell line. Nagata K, et al. **Cell Struct Funct** 1985 Jun;10(2):105-20

The effect of potassium on the hypertensive and electrolyte responses to ACTH administration in sheep. Mills EH, et al. **Clin Exp Hypertens [A]** 1984;6(9):1613-24

The influence of potassium loading on the pressor and metabolic effects of 9-alpha-fluoro-cortisol in sheep. Mills EH, et al. **Clin Exp Hypertens [A]** 1984;6(9):1601-12

Plasma aldosterone levels after KCl loading in rats adapted to a high potassium diet. Adam WR, et al. **Clin Exp Pharmacol Physiol** 1984 Sep-Oct;11(5):513-20

Endoscopic evaluation of slow-release potassium chloride preparations. Kendall C, et al. **Clin Pharmacol Ther** 1985 Jul;38(1):28-30

Effects of KCl-EGTA solution on the isolated Mytilus smooth muscle: a method for denervation. Matsuura M, et al. **Comp Biochem Physiol [C]** 1984;79(2):357-61

Activation mechanisms of human renal artery: effects of KCl, norepinephrine and nitrendipine upon tension development and 45Ca influx. Loutzenhiser R, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):47-52

Studies of [3H]nitrendipine binding and KCl-induced calcium uptake in rat cortical synaptosomes. Wei JW, et al. **Gen Pharmacol** 1985;16(3):211-6

The effect of chloride-containing potassium supplements on chloride titrator estimates of dietary sodium intake. Luft FC, et al. **J Am Coll Nutr** 1985;4(2):233-9

Effects of K+ and Na+ on the proton motive force of respiring Escherichia coli at alkaline pH. Kashket ER. **J Bacteriol** 1985 Aug;163(2):423-9

Effects of KCl, MgCl2, and CaCl2 concentrations on the monomer-polymer equilibrium of actin in the presence and absence of cytochalasin D. Maruyama K. et al. **J Biochem (Tokyo)** 1984 Sep;96(3):605-11

A clinical comparison of potassium and magnesium-potassium crystalloid cardioplegia: metabolic considerations. Engelman RM, et al. **J Cardiovasc Surg (Torino)** 1985 Jul-Aug;26(4):343-50

Effects of potassium on sodium balance, renin, noradrenaline and arterial pressure. Zoccali C, et al. **J Hypertens** 1985 Feb;3(1):67-72

Activation of [3H]estradiol--and [3H]H1285-receptor complexes: effect of salt versus ATP on molybdate-stabilized estrogen receptors. Singh RK, et al. **J Steroid Biochem** 1984 Aug;21(2):205-8

Particle-induced coronary vasoconstriction during cardioplegic infusion. Characterization and possible mechanisms. Hearse DJ, et al. **J Thorac Cardiovasc Surg** 1985 Mar;89(3):428-38

KCl inhibits hypothalamic activity to attenuate hypertension in DOCA-salt rats. Sasaki S, et al. **Jpn Circ J** 1984 Nov; 48(11):1251-9

Potentiation of KCl-induced vasoconstriction by saponin treatment in isolated canine mesenteric arteries. Chiba S, et al. **Jpn J Pharmacol** 1984 Dec;36(4):535-7

Effects of Ca antagonists on the norepinephrine release and contractile responses of isolated canine saphenous veins to high KCl. Takata Y, et al. **Jpn J Pharmacol** 1985 Apr; 37(4):381-94

Phentolamine and rat aortic smooth muscle responsiveness to potassium chloride, isoproterenol and norepinephrine. Soltis EE, et al. **Pharmacology** 1985;31(2):67-71

[Effect of potassium, glucose and insulin treatment on blood triiodothyronine level in acute myocardial infarction] Dłużniewski M, et al. **Kardiol Pol** 1984;27(11-12):901-6 (Eng. Abstr.) **(Pol)**

POISONING

Paraplegia following epidural potassium chloride. Shanker KB, et al. **Anaesthesia** 1985 Jan;40(1):45-7

Hazard of potassium chloride solution [letter] Rendell-Baker L, et al. **Lancet** 1985 Aug 10;2(8450):329

[Staphylococcal immunoadhesion test and its use in a toxicological experiment] Ashel'rod AA, et al. **Gig Tr Prof Zabol** 1984 Dec;(12):47-8 **(Rus)**

THERAPEUTIC USE

Moderate potassium chloride supplementation in essential hypertension: is it additive to moderate sodium restriction? Smith SJ, et al. **Br Med J [Clin Res]** 1985 Jan 12; 290(6462):110-3

Effects of potassium supplementation on insulin binding and insulin action in human obesity: protein-modified fast and refeeding. Norbiato G, et al. **Eur J Clin Invest** 1984 Dec; 14(6):414-9

The use of the World Health Organization's oral rehydration solution in patients on home parenteral nutrition. MacMahon RA. **JPEN** 1984 Nov-Dec;8(6):720-1

Potassium supplementation ameliorates hypertension in patients with diuretic-induced hypokalemia. Kaplan NM. **Klin Wochenschr** 1985;63 Suppl 3:122-4

Intravenous KCl supplementation in pediatric cardiac surgical patients. Schaber DE, et al. **Pediatr Cardiol** 1985; 6(1):25-8

[L-carnitine chloride and potassium chloride in the treatment of a case of non-traumatic rhabdomyolysis without myoglobinuria caused by the ingestion of liquorice] Ruggeri CS, et al. **Minerva Med** 1985 Apr 7; 76(14-15):725-8 (Eng. Abstr.) **(Ita)**

TOXICITY

[Comparative evaluation of the toxic and fibrogenic properties of sylvinite dust after inhalation] Chuĭko MP, et al. **Gig Tr Prof Zabol** 1984 Aug;(8):34-7 (Eng. Abstr.) **(Rus)**

POTASSIUM CYANIDE see under **CYANIDES**

POTASSIUM DEFICIENCY

Reversal of net secretion to net absorption of potassium in rat large intestine by dietary potassium depletion. Scharrer E. **Experientia** 1985 Jun 15;41(6):728-30

BLOOD

Passive K+-Cl- fluxes in low-K+ sheep erythrocytes: modulation by A23187 and bivalent cations. Lauf PK. **Am J Physiol** 1985 Sep;249(3 Pt 1):C271-8

COMPLICATIONS

Copper response to rheumatoid arthritis. Weber CE. **Med Hypotheses** 1984 Dec;15(4):333-48 (56 ref.)

Ventilatory adaptation to metabolic alkalosis in adult awake potassium restricted rats. Girard P, et al. **Respir Physiol** 1984 Jul;57(1):23-30

DIAGNOSIS

[The potassium deficiency problem] Barnatskiĭ VN. **Klin Med (Mosk)** 1984 Nov;62(11):88-91 **(Rus)**

DRUG THERAPY

Current approaches to management of potassium deficiency. Stanaszek WF, et al. **Drug Intell Clin Pharm** 1985 Mar; 19(3):176-84 (78 ref.)

Does the benefit of aggressive potassium replacement in diuretic-treated patients outweigh the risk? Kassirer JP. **J Cardiovasc Pharmacol** 1984;6 Suppl 3:S488-92

METABOLISM

Effects of dietary potassium depletion and mineralocorticoid excess on renal Cl-conservation in the dog. Hulter HN, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F104-12

Reduced hepatic fatty-acid synthesis and lowered plasma triacylglycerol (TG) in potassium deficient rats. Hohenegger M, et al. **Arch Int Physiol Biochim** 1985 Jun; 93(2):117-22

Selective dietary potassium depletion and acid-base equilibrium in the rat. Girard P, et al. **Clin Sci** 1985 Mar; 68(3):301-9

Increased ammoniagenesis and the renal tubular effects of potassium depletion. O'Reilly DS. **J Clin Pathol** 1984 Dec; 37(12):1358-62

Magnesium and potassium deprivation and supplementation in animals and man: aspects in view of intestinal absorption. Classen HG. **Magnesium** 1984;3(4-6):257-64

Effects of desoxycorticosterone acetate on magnesium metabolism in potassium-depleted rats. Old CW, et al. **Magnesium** 1984;3(2):95-106

Relationship of phosphate-dependent glutaminase activity to ammonia excretion in potassium deficiency and acidosis. Fraley DS, et al. **Miner Electrolyte Metab** 1985;11(3):140-9

Carbohydrate metabolism in potassium-depleted rats. Schaefer RM, et al. **Nephron** 1985;41(1):100-9

[Effect of potassium deficiency on the magnesium metabolism of rats] Zheng GJ, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):267-9 (Eng. Abstr.) **(Chi)**

[Effect of potassium deficiency on magnesium metabolism of rats] Zheng GJ, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):267-9 (Eng. Abstr.) **(Chi)**

PHYSIOPATHOLOGY

Effect of K+ depletion on renal and systemic hemodynamics. Tannen RL. **Contrib Nephrol** 1984;41:167-73

Alterations to potassium fluxes in the heart during chronic dietary potassium depletion. Ward JP, et al. **J Mol Cell Cardiol** 1985 Jun;17(6):597-602

Influence of magnesium and potassium deficiency on renal elimination and cardiovascular function demonstrated by impedance cardiography. Lücker PW, et al. **Magnesium** 1984;3(4-6):265-73

Potassium deficiency and cardiac function: experimental and clinical aspects. Lüderitz B. **Magnesium** 1984; 3(4-6):289-300

Urea reabsorption along the papillary collecting duct in potassium-deficient rats. Webster SK, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):96-100

POTASSIUM DICHROMATE see under **CHROMATES**

POTASSIUM IODIDE

METABOLISM

[Internal processing of iodate] Gabriel R, et al. **Z Gesamte Hyg** 1985 Jun;31(6):363-5 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Effect of iodine administration on thyroid function in diabetic patients. Robuschi G, et al. **Acta Diabetol Lat** 1984 Oct-Dec;21(4):357-60

The effect of chemical modification of Saccharomyces cerevisiae on electrophoretic mobility, cell-wall structure and amphotericin B uptake. Ellul H, et al. **Biochim Biophys Acta** 1985 May 30;845(2):151-7

Toxic effect of products of oxidative metabolism on the yeast form of Paracoccidioides brasiliensis. McEwen JG, et al. **J Med Microbiol** 1984 Dec;18(3):423-8

SUPPLY & DISTRIBUTION

Distribution of KI [letter] Mackowiak ED. **Health Phys** 1985 Mar;48(3):350

THERAPEUTIC USE

Comparative effects of sodium ipodate and iodide on serum thyroid hormone concentrations in patients with Graves' disease. Roti E, et al. **Clin Endocrinol (Oxf)** 1985 Apr; 22(4):489-96

Potassium iodide: predistribution or not? The real emergency preparedness issue. Martin JA Jr. **Health Phys** 1985 Aug; 49(2):287-9

Criteria for the administration of KI for thyroid blocking of radioiodine. Meck RA, et al. **Health Phys** 1985 Feb; 48(2):141-57 (34 ref.)

TOXICITY

Developmental toxicity and psychotoxicity of potassium iodide in rats: a case for the inclusion of behaviour in toxicological assessment. Vorhees CV, et al. **Food Chem Toxicol** 1984 Dec;22(12):963-70

POTASSIUM MAGNESIUM ASPARTATE see under **ASPARTIC ACID**

POTASSIUM PERMANGANATE

On the chemical oxygen demand of aliphatic amines using potassium permanganate. Matsumoto H. **Nippon Eiseigaku Zasshi** 1984 Oct;39(4):770-8

ADVERSE EFFECTS

Oral ingestion of potassium permanganate or aluminum acetate in two patients. Huntley AC. **Arch Dermatol** 1984 Oct;120(10):1363-5

DIAGNOSTIC USE

Fast and sensitive detection of protein and DNA bands by treatment with potassium permanganate. Ansorge W. **J Biochem Biophys Methods** 1985 May;11(1):13-20

Characterization of spontaneous amyloidosis of Syrian hamsters using the potassium permanganate method. Mezza LE, et al. **Lab Anim Sci** 1984 Aug;34(4):376-80

[Usefulness of potassium permanganate staining in the classification of systemic amyloidoses] Pigrau C, et al. **Med Clin (Barc)** 1985 Mar 2;84(8):302-4 (Eng. Abstr.) **(Spa)**

[Use of the potassium permanganate technique in the differential diagnosis of amyloidoses] Podzamczer D, et al. **Med Clin (Barc)** 1985 Mar 2;84(8):305-7 **(Spa)**

PHARMACODYNAMICS

[The ratio of a formalin and potassium permanganate preparation in a sealed container and its bacteriocidal effect] Zhang LP. **Chung Hua Hu Li Tsa Chih** 1985 Feb; 20(1):29-30 **(Chi)**

[Effect of various chemicals on Yersinia viability] Dogel' LZ, et al. **Gig Sanit** 1984 Sep;(9):33-4 (Eng. Abstr.) **(Rus)**

POTASSIUM RADIOISOTOPES

ANALYSIS

Natural radioactivity of Australian building materials, industrial wastes and by-products. Beretka J, et al. **Health Phys** 1985 Jan;48(1):87-95

Exposure from the radioactivity in building materials. Papastefanou C, et al. **Health Phys** 1984 Nov;47(5):775-83

Natural radioactivity in Indian tea. Lalit BY, et al. **Radiat Environ Biophys** 1985;24(1):75-9

METABOLISM

Comparison of the transport of 42K+, 22Na+, 201Tl+, and [99mTc(dmpe)2 X Cl2]+ using human erythrocytes. Sands H, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):665-70

POTENTIOMETRY

[Two components of the fluorescence signal of Nile blue A from membrane systems of isolated muscle fibers] Habán P, et al. **Bratisl Lek Listy** 1985 Aug;84(2):129-36 (Eng. Abstr.) **(Slo)**

INSTRUMENTATION

Selectivity of the potentiometric carbon dioxide gas-sensing electrode. Lopez ME. **Anal Chem** 1984 Nov;56(13):2360-6

Measurement of absolute membrane potential with the potential clamp system of nonner. Wiese H, et al. **Gen Physiol Biophys** 1984 Dec;3(6):511-2

An automated differential thermal and potentiometric titration apparatus for binding studies. Berger RL, et al. **J Biochem Biophys Methods** 1985 Mar;10(5-6):245-59

METHODS

Application of the finite element simulation method to the adiabatic and potentiometric corrections of calorimetric titration data. Davids N, et al. **J Biochem Biophys Methods** 1985 Mar;10(5-6):261-72

[Mercurimetric determination of penicillins. I. Conditions for the titration of natural penicillins in a pyridine solvent medium and its application to drug forms] Pospíšilová B, et al. **Cesk Farm** 1984 Jun;33(5):181-6 (Eng. Abstr.) **(Cze)**

POTT'S DISEASE see **TUBERCULOSIS, SPINAL**

POULTRY

Environmental study of poultry confinement buildings. Jones W, et al. **Am Ind Hyg Assoc J** 1984 Nov;45(11):760-6

A survey of slaughter procedures used in chicken processing plants. Griffiths GL, et al. **Aust Vet J** 1984 Dec; 61(12):399-401

Poultry nutrition. A twentieth century achievement. Young RJ. **Cornell Vet** 1985 Jan;75(1):230-47

Impact of technology and funding on meat and poultry inspection. Houston DM. **J Am Vet Med Assoc** 1984 Dec 15;185(12):1505-7

Study of respiratory and immunologic changes in the workers of a poultry farm. Tudor A, et al. **Med Interne** 1985 Apr-Jun;23(2):129-34

Fluorometric determination of avian sperm viability and concentration. Bilgili SF, et al. **Poult Sci** 1984 Nov; 63(11):2275-7

Pheasant rearing: associated husbandry and disease problems. Swarbrick O. **Vet Rec** 1985 Jun 8;116(23):610-7 (75 ref.)

Percent of fat in meat, poultry and seafood [letter] Freedman GC. **West J Med** 1985 Apr;142(4):559-61

ANATOMY & HISTOLOGY

The nerve endings of the glycogen body of embryonic and adult avian spinal cord: on the existence of two different varieties of nerve fibers. Pessacq-Asenjo TP. **Growth** 1984 Autumn;48(3):385-90

Vascular system of paracloacal vascular body in the guinea fowl, Numida meleagris. Sasaki H, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):425-35

GROWTH & DEVELOPMENT

Effects of gonadal steroids and adrenergic agonists on avian growth and feed efficiency. Weppelman RM. **J Exp Zool** 1984 Dec;232(3):461-4 (27 ref.)

Hormones and growth in poultry. Scanes CG, et al. **Poult Sci** 1984 Oct;63(10):2062-74 (61 ref.)

IMMUNOLOGY

Effect of antibiotics on humoral immune response in domestic poultry. Panigrahy B, et al. **Prog Clin Biol Res** 1984; 161:347-54

METABOLISM

Trace element levels in liver and kidney from cattle, swine and poultry slaughtered in Canada. Korsrud GO, et al. **Can J Comp Med** 1985 Apr;49(2):159-63

Oestradiol 17 beta modifies fowl pituitary prolactin and growth hormone secretion in vitro. Hall TR, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):299-307

Phosphorus bioavailability in poultry nutrition. **Nutr Rev** 1984 Nov;42(11):387-9

Protein degradation: an important consideration. Sunde ML, et al. **Poult Sci** 1984 Oct;63(10):2055-61

MICROBIOLOGY

Comparison of strains of Mycoplasma iowae. Rhoades KR. **Avian Dis** 1984 Jul-Sep;28(3):710-7

The occurrence of Aeromonas hydrophila in avian diagnostic submissions. Shane SM, et al. **Avian Dis** 1984 Jul-Sep; 28(3):804-7

Incidence and in vitro acquisition of transferable drug resistance in Salmonella arizonae. Gast RK, et al. **Poult Sci** 1985 May;64(5):882-90

Comparative bacterial drug resistance in modern battery and free-range poultry in a tropical environment. Ojeniyi AA. **Vet Rec** 1985 Jul 6;117(1):11-2

[Campylobacter jejuni: an important cause of food poisoning in humans (letter)] van Eck JH. **Tijdschr Diergeneeskd** 1984 Sep 15;109(18):714 **(Dut)**

[Nature and incidence of carbadox resistance of Escherichia coli isolated from fattening swine, calves and poultry] Baumgartner A, et al. **Schweiz Arch Tierheilkd** 1985 May; 127(5):339-47 (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

Factors influencing the agreement between thermal physiology measurements and field performance in poultry. MacLeod MG. **Arch Exp Veterinarmed** 1984 May; 38(3):399-410 (70 ref.)

Relationship between hypothalamic serotoninergic activity and prolactin and growth hormone secretion in the domestic cockerel. Hall TR, et al. **Neuroendocrinology** 1984 Sep;39(3):206-13

Abstracts of papers. Sixth annual meeting of the Southern Poultry Science Society. January 22-23, 1985, Atlanta, Georgia. **Poult Sci** 1985;64 Suppl 1:1-49

Abstracts of papers to be presented at the 74th annual meeting of the Poultry Science Association, Inc. **Poult Sci** 1985;64 Suppl 1:51-204

Testis development and daily sperm output in guineas submitted to progressively increasing daily photoperiods at different ages. Brillard JP, et al. **Poult Sci** 1985 Apr; 64(4):713-7

POULTRY DISEASES

Gordon memorial lecture: people, poultry and pathogenic mycoplasmas. Jordan FT. **Br Poult Sci** 1985 Jan;26(1):1-15 (56 ref.)

Avian diseases. Fabricant J, et al. **Cornell Vet** 1985 Jan; 75(1):124-9

Recent studies on aspergillosis in turkey poults. Richard JL, et al. **Mycopathologia** 1984 Aug 30;87(1-2):3-11 (24 ref.)

Abstracts of papers to be presented at the 74th annual meeting of the Poultry Science Association, Inc. **Poult Sci** 1985;64 Suppl 1:51-204

Abstracts of papers. Sixth annual meeting of the Southern Poultry Science Society. January 22-23, 1985, Atlanta, Georgia. **Poult Sci** 1985;64 Suppl 1:1-49

Duck hepatitis virus and Chlamydia psittaci outbreak [letter] Chalmers WS, et al. **Vet Rec** 1985 Feb 23;116(8):223

Pheasant rearing: associated husbandry and disease problems. Swarbrick O. **Vet Rec** 1985 Jun 8;116(23):610-7 (75 ref.)

BLOOD

Alcaligenes faecalis infection in turkeys: effects on serum corticosterone and serum chemistry. McCorkle FM, et al. **Avian Dis** 1985 Jan-Mar;29(1):80-9

In vitro cellular migration of leukocytes from turkey poults infected with Alcaligenes faecalis. McCorkle FM, et al. **Avian Dis** 1984 Oct-Dec;28(4):853-7

Circulating prolactin concentrations in chickens infected with Eimeria tenella. Chadwick A, et al. **Br Poult Sci** 1985 Jan; 26(1):17-23

Elevated methemoglobin in the pathology of avian Coccidia (Protozoa, Apicomplexa) and Histomonas (Protozoa, Sarcomastigophora). Mathis GF, et al. **J Parasitol** 1984 Oct;70(5):838-9

The effect of tap water, carbonated water, sodium bicarbonate, and calcium chloride on blood acid-base balance in cockerels subjected to heat stress. Bottje WG, et al. **Poult Sci** 1985 Jan;64(1):107-13

Plasma calcium, phosphorus, 25-dihydroxyvitamin D3, and 1-25-dihydroxyvitamin D3 of hens with fatty liver syndrome. Harms RH, et al. **Poult Sci** 1985 Apr; 64(4):768-70

Iron, transferrin, and acid and alkaline phosphatase in healthy turkeys and in turkeys inoculated with the lymphoproliferative disease virus. Zimber A, et al. **Poult Sci** 1985 Jan;64(1):71-7

Endocrine changes in the fowl during infection with Eimeria maxima. Davison TF, et al. **Res Vet Sci** 1985 May; 38(3):296-300

Nuclear lobe index in avian eosinophilia. Maxwell MH. **Res Vet Sci** 1985 May;38(3):361-3

Blood eosinophilia in adult bantams naturally infected with Trichostrongylus tenuis. Maxwell MH, et al. **Res Vet Sci** 1985 Jul;39(1):122-3

Pancreatic degeneration in broilers with runting and stunting syndrome. Sinclair AJ, et al. **Vet Rec** 1984 Nov 10; 115(19):485-8

Morphological changes in blood lymphocytes of chickens infected with infectious bursal disease virus. Kluciński W, et al. **Zentralbl Veterinarmed [B]** 1984 Aug;31(7):518–25

[Changes in the blood indices of turkey poults experimentally infected with Eimeria adenoides] Koĭnarski V, et al. **Vet Med Nauki** 1985;22(6):20–6 (Eng. Abstr.) **(Bul)**

[Biochemical changes in the blood of turkey poults experimentally infected with E. adenoeides] Koĭnarski V, et al. **Vet Med Nauki** 1984;21(6):56–60 (Eng. Abstr.) **(Bul)**

CHEMICALLY INDUCED

Toxicity of dimetridazole in waterfowl. Riddell C. **Avian Dis** 1984 Oct–Dec;28(4):974–7

Vitamin A toxicity: comparative changes in bone of the broiler and leghorn chicks. Tang KN, et al. **Avian Dis** 1985 Apr–Jun;29(2):416–29

Feeding trials with vomitoxin (deoxynivalenol)-contaminated wheat: effects on swine, poultry, and dairy cattle. Trenholm HL, et al. **J Am Vet Med Assoc** 1984 Sep 1;185(5):527–31

Delayed neuropathy in adult Peking ducks induced by some organophosphorus esters. Soliman SA, et al. **J Toxicol Environ Health** 1984;14(5–6):789–801

A severe reduction in egg laying in a flock of hens associated with trichothecene mycotoxins in the feed. Shlosberg A, et al. **Vet Hum Toxicol** 1984 Oct;26(5):384–6

Nicarbazin toxicity in broilers [letter] Froyman R, et al. **Vet Rec** 1984 Sep 8;115(10):254–5

Anticoccidials and turkeys [letter] Hooper RS. **Vet Rec** 1985 Feb 23;116(8):224

Furazolidone poisoning associated with cardiomyopathy in chickens. Mustafa AI, et al. **Vet Rec** 1984 Sep 8;115(10):251

Anticoccidials and turkeys [letter] O'Brien JD. **Vet Rec** 1985 Mar 9;116(10):274–5

[Production of cyclopiazonic acid, its effect on the chick embryo and on 1-day-old cockerels] Veselý D, et al. **Vet Med (Praha)** 1985 Jun;30(6):345–52 (Eng. Abstr.) **(Cze)**

DIAGNOSIS

Haemagglutinating adenovirus in Victorian chicken flocks 1980–83. Reece RL, et al. **Aust Vet J** 1985 May;62(5):174–5

Polymelia in a broiler chicken. Anderson WI, et al. **Avian Dis** 1985 Jan–Mar;29(1):244–5

An enzyme-linked immunosorbent assay for the detection of antibodies to Marek's disease virus. Cheng YQ, et al. **Avian Dis** 1984 Oct–Dec;28(4):900–11

Infectious sinusitis in turkeys at Ibadan, Nigeria. Fatunmbi OO. **Avian Dis** 1984 Jul–Sep;28(3):734–6

Exencephaly in araucana chickens and silkie bantams. Griffiths GL, et al. **Avian Dis** 1985 Apr–Jun;29(2):518–20

Identification of field isolates of infectious bronchitis virus by interference with the La Sota of strain of Newcastle disease virus. Hidalgo H, et al. **Avian Dis** 1985 Apr–Jun; 29(2):335–40

Zygomycosis in the duck. McCaskey PC, et al. **Avian Dis** 1984 Jul–Sep;28(3):791–8

Dual mycotic infection in a chicken. Mendoza L, et al. **Avian Dis** 1985 Apr–Jun;29(2):514–7

Comparative use of direct organ cultures of infected chicken tracheas in isolating avian infectious bronchitis virus. Sawaguchi K, et al. **Avian Dis** 1985 Apr–Jun;29(2):546–51

Rotavirus infection in pheasant poults. Gough RE, et al. **Vet Rec** 1985 Mar 16;116(11):295

[Clinical course of experimental coccidiosis in turkey poults infected with E. adenoeides and E. meleagrimitis] Koĭnarski V. **Vet Med Nauki** 1984;21(6):50–5 (Eng. Abstr.) **(Bul)**

[Asymptomatic course of infectious bursitis in chickens] Savova M, et al. **Vet Med Nauki** 1984;21(10):95–101 (Eng. Abstr.) **(Bul)**

[Comparative studies of the use of the enzyme-linked immunosorbent assay (ELISA) for the determination of antibodies against the avian encephalomyelitis agent] Richter R, et al. **Zentralbl Veterinarmed** [B] 1985 Feb; 32(2):116–27 (Eng. Abstr.) **(Ger)**

[Micromethod of carrying out the complement fixation-inhibition reaction and its use in Q-rickettsiosis] Rudakov NV. **Lab Delo** 1984;(10):624–5 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Efficacy of lasalocid sodium against mycoplasmas (preliminary communication). Stipkovits L, et al. **Acta Vet Hung** 1984;32(3–4):127–9

Antibiotic aerosolization: the effect on experimentally induced Alcaligenes rhinotracheitis in turkeys. Van Alstine WG, et al. **Avian Dis** 1985 Jan–Mar;29(1):159–76

The effect of feeding diets containing avoparcin on the excretion of salmonellas by chickens experimentally infected with natural sources of salmonella organisms. Barrow PA, et al. **J Hyg (Lond)** 1984 Dec;93(3):439–44

Antibiotic resistance in Escherichia coli causing generalized infections in chickens in the UK in 1982: the relationship between the results of in vitro and in vivo furazolidone sensitivity tests. Smith HW, et al. **J Hyg (Lond)** 1984 Dec; 93(3):445–53

CL 259,971: a potent new polyether anticoccidial. 2. Floor-pen trials. Kantor S, et al. **Poult Sci** 1984 Aug; 63(8):1506–11

CL 259,971: a potent new polyether anticoccidial. 1. Battery efficacy and safety. Kantor S, et al. **Poult Sci** 1984 Aug; 63(8):1497–505

Drug resistance in avian coccidia (a review). Chapman HD. **Vet Parasitol** 1984 Jul;15(1):11–27 (70 ref.)

Some pharmacokinetic aspects of four sulphonamides and trimethoprim, and their therapeutic efficacy in experimental Escherichia coli infection in poultry. Goren E, et al. **Vet Q** 1984 Jul;6(3):134–40

A study of the effects of replacing monensin ionophore with lasalocid ionophore in the field control of coccidiosis in broilers. Voeten AC, et al. **Vet Q** 1985 Jan;7(1):66–9

[Effectiveness of selected preparations in the control of syngamiasis, capillariasis and heterakidosis in pheasants] Mazurkiewicz M, et al. **Wiad Parazytol** 1984;30(3):369–73 (Eng. Abstr.) **(Pol)**

EMBRYOLOGY

The musculus complexus of normal and dystrophic chicken embryos. Allen ER. **Poult Sci** 1984 Oct;63(10):2087–93

ETIOLOGY

An Alcaligenes faecalis isolate from turkeys: pathogenicity in selected avian and mammalian species. Marshall DR, et al. **Am J Vet Res** 1985 May;46(5):1181–4

TDP-1, a toxic component causing tibial dyschondroplasia in broiler chickens, and trichothecenes from Fusarium roseum 'Graminearum'. Lee YW, et al. **Appl Environ Microbiol** 1985 Jul;50(1):102–7

Bacterial penetration of the recently oviposited shell of hens' eggs. Sparks NH, et al. **Aust Vet J** 1985 May;62(5):169–70

Respiratory disease (rhinotracheitis) in turkeys in Brittany, France, 1981–1982. II. Laboratory findings. Andral B, et al. **Avian Dis** 1985 Jan–Mar;29(1):35–42

Zinc deficiency in pheasant chicks fed practical diets. Cook ME, et al. **Avian Dis** 1984 Oct–Dec;28(4):1102–9

Favus in a fighting cock caused by Microsporum gallinae. Fonseca E, et al. **Avian Dis** 1984 Jul–Sep;28(3):737–41

Experimental rickets in broilers: gross, microscopic, and radiographic lesions. III. Vitamin D deficiency. Long PH, et al. **Avian Dis** 1984 Oct–Dec;28(4):933–43

Experimental rickets in broilers: gross, microscopic, and radiographic lesions. II. Calcium deficiency. Long PH, et al. **Avian Dis** 1984 Oct–Dec;28(4):921–32

Serologic evidence of infectious bursal disease virus serotype II infection in Minnesota turkeys. Sivanandan V, et al. **Avian Dis** 1984 Jul–Sep;28(3):765–9

Broiler aflatoxicosis with recovery after replacement of the contaminated diet. Chen C, et al. **Br Poult Sci** 1985 Jan; 26(1):65–71

Domestic animals in the elucidation of zinc's role in nutrition. Luecke RW. **Fed Proc** 1984 Oct;43(13):2823–8 (69 ref.)

Raillietina cesticillus: variability of infections in experimentally infected chickens. Elowni EE. **J Helminthol** 1984 Dec;58(4):287–9

The number and location of air sacs in broiler chickens and the implication in Escherichia coli infection. Mitchell JR. **J S Afr Vet Assoc** 1984 Jun;55(2):57–60

Contents of free histidine and histamine in fish meals and in the model compounds and their toxicities to induce gizzard erosion. Kuba K, et al. **Natl Inst Anim Health Q (Tokyo)** 1983 Summer;23(2):69–70

Partial purification and characterization of gizzard erosion-inducing substance in heated casein-histidine mixture. Miyazaki S, et al. **Natl Inst Anim Health Q (Tokyo)** 1983 Spring;23(1):32–8

Pathogenicity of avian reoviruses isolated from tendons and tendon sheaths of chickens with leg weakness. Takase K, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):467–73

A cage-related foot pad dermatitis in dwarf and normal-sized single comb white Leghorn layers. Burger RA, et al. **Poult Sci** 1984 Aug;63(8):1512–5

Photoinduced buphthalmic avian eyes. 1. Continuous fluorescent light. Whitley RD, et al. **Poult Sci** 1984 Aug; 63(8):1537–42

Effects of feed additives and feed contaminants on the susceptibility of chickens to viruses. Brugh M. **Prog Clin Biol Res** 1984;161:229–34

Influence of a 12.5 per cent rapeseed diet and an avian reovirus on the production of leg abnormalities in male broiler chickens. Timms LM. **Res Vet Sci** 1985 Jan; 38(1):69–76

Influence of feed on the course of tenosynovitis caused by REO virus infection in broilers. Kouwenhoven B, et al. **Vet Q** 1984 Jul;6(3):107–14

Stunting syndrome of broilers [letter] Abrams L. **Vet Rec** 1985 Jun 22;116(25):676

Runting in broilers associated with temporary maldigestion. Griffiths GL, et al. **Vet Rec** 1985 Feb 9;116(6):160–1

FAMILIAL & GENETIC

Animal model of human disease. Avian scleroderma. An inherited fibrotic disease of white Leghorn chickens resembling progressive systemic sclerosis. van de Water J, et al. **Am J Pathol** 1985 Sep;120(3):478–82

A non-MHC genetic influence on response to Rous sarcoma virus-induced tumors in chickens. Brown DW, et al. **Avian Dis** 1984 Oct–Dec;28(4):884–99

Inherited dysgammaglobulinemia of chickens: reduced incidence of disease in parabiotic chimeras. Van de Water J, et al. **Clin Immunol Immunopathol** 1985 Jul;36(1):1–9

Gene expression of triploidy in six adult intersexual chickens. Miyake Y, et al. **Jpn J Vet Res** 1984 Jul;32(3):143–53

Early egg production in genetically blind (rc/rc) chickens in comparison with sighted (Rc+/rc) controls. Ali A, et al. **Poult Sci** 1985 May;64(5):789–94

Ea-A and Ea-E cellular antigen genes in Leghorn lines resistant and susceptible to acute cecal coccidiosis. Johnson LW, et al. **Poult Sci** 1984 Sep;63(9):1695–704

HISTORY

[Pasteur and fowl cholera: critical review of a historical account] Cadeddu A. **Pubbl Stn Zool Napoli [II]** 1985; 7(1):87–104 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

Effect of a range of social stress severity on Escherichia coli challenge infection. Gross WB. **Am J Vet Res** 1984 Oct; 45(10):2074–6

Protection of chickens by ribosomal vaccines from Pasteurella multocida: dependence on homologous lipopolysaccharide. Phillips M, et al. **Am J Vet Res** 1984 Sep;45(9):1785–9

Effects of chemically or virus-induced immunodepression on response of chickens to avian leukosis virus. Fadly AM, et al. **Avian Dis** 1985 Jan–Mar;29(1):12–25

Immediate hypersensitivity (anaphylaxis) response in uninfected and Alcaligenes faecalis-infected turkey poults. McCorkle FM, et al. **Avian Dis** 1984 Jul–Sep;28(3):579–85

Use of egg yolk to determine antibody levels in chickens inoculated with a hemagglutinating duck adenovirus (adenovirus 127-like). Piela TH, et al. **Avian Dis** 1985 Apr–Jun;29(2):457–64

Possible genetic variation in resistance of turkeys to erysipelas and fowl cholera. Saif YM, et al. **Avian Dis** 1984 Jul–Sep; 28(3):770–3

An enzyme-linked immunosorbent assay for the detection of antibodies to Mycoplasma gallisepticum in experimentally infected chickens. Talkington FD, et al. **Avian Dis** 1985 Jan–Mar;29(1):53–70

Stimulation of progressor and regressor chicken leukocytes with Con A, PHA-P, and Rous sarcoma tumor antigens. Whitfill C, et al. **Avian Dis** 1984 Oct–Dec;28(4):944–58

Experimental infection of broiler chickens with rotavirus. Meulemans G, et al. **Br Vet J** 1985 Jan–Feb;141(1):69–73

Social stress and resistance of chicken and swine to Staphylococcus aureus challenge infections. Larson CT, et al. **Can J Comp Med** 1985 Apr;49(2):208–10

Eimeria tenella: immunogenicity of arrested sporozoites in chickens. Jeffers TK, et al. **Exp Parasitol** 1985 Oct; 60(2):175–80

Effect of Mycoplasma iowae infection on the immune system of the young turkey. Bradbury JM. **Isr J Med Sci** 1984 Oct;20(10):985–8

Enzyme-linked immunosorbent assay and indirect haemagglutination techniques for measurement of antibody responses to Eimeria tenella in experimentally infected chickens. Saatara Oz H, et al. **J Parasitol** 1984 Dec; 70(6):859–63

Infection with Eimeria tenella: modulation of lymphocyte blastogenesis by specific antigen, and evidence for immunodepression. Rose ME, et al. **J Protozool** 1984 Nov; 31(4):549–53

The delayed and saline wattle reactions in broilers challenged with bovine serum albumin. Cotter PF, et al. **Poult Sci** 1985 Jul;64(7):1293–5

Development of cell-mediated immunity and resistance to clinical coccidiosis infection in chickens selected for resistance and susceptibility to Eimeria tenella. Giambrone JJ, et al. **Poult Sci** 1984 Nov;63(11):2162–6

Resistance of chickens immunized against Mycoplasma gallisepticum is mediated by bursal dependent lymphoid cells. Lam KM, et al. **Vet Microbiol** 1984 Sep;9(5):509–14

Antibody responses and virus reisolation in turkeys experimentally infected with an infectious bursal disease isolate. Eddy RK, et al. **Vet Rec** 1985 Apr 6;116(14):368–9

[Susceptibility of birds other than chickens to infectious laryngotracheitis] Hilbink FW. **Tijdschr Diergeneeskd** 1985 Jun 1;110(11):437–9 (Eng. Abstr.) **(Dut)**

[Determination of antibodies against adeno-associated viruses in the hen using ELISA] Schwarzmaier J, et al. **Zentralbl Veterinarmed** [B] 1984 Dec;31(10):770–8 (Eng. Abstr.) **(Ger)**

METABOLISM

Quantitation of intestinal D-xylose absorption in normal and reovirus-inoculated turkeys. Goodwin MA, et al. **Avian Dis** 1984 Oct–Dec;28(4):959–67

A study on the origin of adenocarcinoma in fowls using immunohistological technique. Haritani M, et al. **Avian Dis** 1984 Oct–Dec;28(4):1130–4

Protein, cholesterol, acid phosphatase and aspartate aminotransaminase in the seminal plasma of turkeys (Meleagris gallopavo) producing normal white or abnormal yellow semen. Hess RA, et al. **Biol Reprod** 1984 Sep; 31(2):239–43

Effect of Eimeria acervulina infection in chicks fed excess dietary cobalt and/or manganese. Brown DR, et al. **J Nutr** 1985 Mar;115(3):347–51

Zinc utilization in the chick as influenced by dietary concentrations of calcium and phytate and by Eimeria acervulina infection. Bafundo KW, et al. **Poult Sci** 1984 Dec;63(12):2430–7

Lead toxicity in the chick as affected by excess copper and zinc and by Eimeria acervulina infection. Bafundo KW, et al. **Poult Sci** 1984 Aug;63(8):1594–603

Eimeria acervulina infection and the zinc–cadmium interrelationship in the chick. Bafundo KW, et al. **Poult Sci** 1984 Sep;63(9):1828–32

Egg shell quality, medullary bone ash, intestinal calcium and phosphorus absorption, and calcium-binding protein in phosphorus-deficient hens. Bar A, et al. **Poult Sci** 1984 Oct;63(10):1975–9

Energy metabolism in audiogenically seizure-prone chicks. Firman JD, et al. **Poult Sci** 1985 Apr;64(4):732–6

Dietary protein and yolk sac inoculation with Escherichia coli in young turkeys. Schmidt GP, et al. **Poult Sci** 1985 Jul;64(7):1343–9

The role of 17 beta-estradiol in the recovery from oviductal prolapse in layers. Shemesh M, et al. **Poult Sci** 1984 Aug; 63(8):1638–43

Biochemical changes in blood and uterine fluid of fowl following experimental EDS'76 virus infection. van Eck JH, et al. **Vet Q** 1984 Jul;6(3):127–34

[Acid–base equilibrium of blood in chicken with gout] Korovina NS. **Ukr Biokhim Zh** 1985 Jul–Aug;57(4):81–2 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Age resistance in chickens against infectious bursal disease. Panisup AS, et al. **Acta Vet Scand** 1984;25(4):561–6

Factors influencing enhanced Salmonella typhimurium infection in Eimeria tenella-infected chickens. Baba E, et al. **Am J Vet Res** 1985 Jul;46(7):1593–6

Use of epidemiologic markers to identify the source of Escherichia coli infections in poultry. Barbour EK, et al. **Am J Vet Res** 1985 Apr;46(4):989–91

Colonization of chicken cecae by Escherichia coli associated with hemorrhagic colitis. Beery JT, et al. **Appl Environ Microbiol** 1985 Feb;49(2):310–5

Laboratory infection of chicken eggs with Campylobacter jejuni by using temperature or pressure differentials. Clark AG, et al. **Appl Environ Microbiol** 1985 Jun;49(6):1467–71

Staphylococcal necrosis of the head of the femur in broiler chickens. Griffiths GL, et al. **Aust Vet J** 1984 Sep;61(9):293

Prevalence of reoviruses in commercial chickens. Robertson MD, et al. **Aust Vet J** 1984 Oct;61(10):319–22

Atypical Pasteurella haemolytica type A from poultry. Addo PB, et al. **Avian Dis** 1985 Jan–Mar;29(1):214–7

Respiratory disease (rhinotracheitis) of turkeys in Brittany, France. III. Interaction of multiple infecting agents. Andral B, et al. **Avian Dis** 1985 Jan–Mar;29(1):233–43

Production of H2S by Escherichia coli isolated from poultry: an unusual character useful for epidemiology of colisepticemia. Barbour EK, et al. **Avian Dis** 1985 Apr–Jun; 29(2):341–6

Demonstration of Mycoplasma gallisepticum in tracheas of healthy carrier chickens by fluorescent-antibody procedure and the significance of certain serologic tests in estimating antibody response. Benčina D, et al. **Avian Dis** 1984 Jul–Sep;28(3):574–8

Prevalence of Alcaligenes faecalis in North Carolina broiler flocks and its relationship to respiratory disease. Berkhoff HA, et al. **Avian Dis** 1984 Oct–Dec;28(4):912–20

Serological survey of infectious bursal disease virus serotypes 1 and 2 in California turkeys. Chin RP, et al. **Avian Dis** 1984 Oct–Dec;28(4):1026–36

Isolation of an apathogenic immunogenic strain of duck enteritis virus from waterfowl in California. Lin W, et al. **Avian Dis** 1984 Jul–Sep;28(3):641–50

Adherence pili in avian strains of Escherichia coli: effect on pathogenicity. Naveh MW, et al. **Avian Dis** 1984 Jul–Sep;28(3):651–61

Isolation and characterization of avian rotaviruses. Yason CV, et al. **Avian Dis** 1985 Apr–Jun;29(2):499–508

Intestinal carriage of Campylobacter jejuni and Salmonella by chicken flocks at slaughter. Prescott JF, et al. **Can J Comp Med** 1984 Jul;48(3):329–31

The avian reticuloendotheliosis virus, strain T (REV). Shen PF, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1983 Sep;16(3):217–75 (226 ref.)

Experimental studies on brucellosis in chickens. Abdallah IS, et al. **Dev Biol Stand** 1984;56:711–8

Maternal transmission of duck hepatitis B virus in pedigree Pekin ducks. Tsiquaye KN, et al. **Hepatology** 1985 Jul–Aug; 5(4):622–8

Synthesis and protective effects of poly-8-bromoriboadenylic acid: poly ribouridylic acid hybrid against Wesselsbron virus in chick embryos. Folayan JO, et al. **J Biochem (Tokyo)** 1984 Oct; 96(4):1297–301

The experimental infection of chickens with mixtures of infectious bronchitis virus and Escherichia coli. Smith HW, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):777–86

Comparative study of DHBV DNA levels and endogenous DNA polymerase activity in naturally infected ducklings in France. Cova L, et al. **J Virol Methods** 1985 Mar; 10(3):251–60

Pathogenicity and distribution of avian nephritis virus (G-4260 strain) in inoculated laying hens. Imada T, et al. **Natl Inst Anim Health Q (Tokyo)** 1983 Summer;23(2):43–8

Propagation and infectivity titration of the Gifu-1 strain of chicken anemia agent in a cell line (MDCC-MSB1) derived from Marek's disease lymphoma. Yuasa N. **Natl Inst Anim Health Q (Tokyo)** 1983 Spring;23(1):13–20

Effect of Eimeria tenella infection in chickens fed the feed artificially contaminated with Salmonella typhimurium. Morishima H, et al. **Poult Sci** 1984 Sep;63(9):1732–7

Nephropathogenicity of infectious bronchitis virus. Winterfield RW, et al. **Poult Sci** 1984 Dec;63(12):2358–63

Growth of Salmonella typhimurium in the caecum of gnotobiotic chickens with Eimeria tenella. Fukata T, et al. **Res Vet Sci** 1984 Sep;37(2):230–3

Reovirus-induced tenosynovitis: persistence of homologous challenge virus in broiler chicks after vaccination of parents. Jones RC, et al. **Res Vet Sci** 1985 Jul;39(1):39–41

Occurrence of leukosis–sarcoma virus related neoplasms and antibody in Nigerian local chickens. Adene DF, et al. **Rev Elev Med Vet Pays Trop** 1984;37(2):160–4

Failure of drinking water sanitisation to reduce the incidence of natural salmonella in broiler chickens. Al-Chalaby ZA, et al. **Vet Rec** 1985 Apr 6;116(14):364–5

Infectious stunting syndrome: the isolation of a novel virus [letter] Farmer AM, et al. **Vet Rec** 1985 Jan 26;116(4):111

Natural subclinical salmonella infection in chickens: a potential model for testing the effects of various procedures on salmonella shedding. Linton AH, et al. **Vet Rec** 1985 Apr 6;116(14):361–4

Infectious tenosynovitis in broilers and broiler breeders in Egypt. Tantawi HH, et al. **Vet Res Commun** 1984 Aug; 8(3):229–35

Avian leukosis virus-induced osteopetrosis is associated with the persistent synthesis of viral DNA. Robinson HL, et al. **Virology** 1985 Feb;141(1):130–43

[Sensitivity to drugs of Escherichia coli strains isolated from poultry with coli septicemia] Giurov B. **Vet Med Nauki** 1985;22(5):16–24 (Eng. Abstr.) **(Bul)**

[Clinical cases of infectious coryza and the properties of isolated Haemophilus strains] Giurov B. **Vet Med Nauki** 1984;21(7–8):22–30 (Eng. Abstr.) **(Bul)**

[Electron microscopic observation on virus-like particles in duck liver cancer cells from high incidence area of human hepatocellular carcinoma] Wang YY, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Feb; 6(1):8–11 (Eng. Abstr.) **(Chi)**

[Involvement of bone tissue in chicken infected with the myeloblastic MAV 2-0 virus. Generalized cortical hyperostosis] Graf B, et al. **C R Acad Sci [III]** 1985; 300(3):109–14 (Eng. Abstr.) **(Fre)**

MORTALITY

Influence of endogenous viral (ev) gene expression and strain of exogenous avian leukosis virus (ALV) on mortality and ALV infection and shedding in chickens. Crittenden LB, et al. **Avian Dis** 1984 Oct–Dec;28(4):1037–56

Adhesive properties and iron uptake ability in Escherichia coli lethal and nonlethal for chicks. Dho M, et al. **Avian Dis** 1984 Oct–Dec;28(4):1016–25

Muscovy duck mortality not caused by Haemoproteus [letter] Julian RJ, et al. **J Wildl Dis** 1985 Jul;21(3):335–7

Effect of natural feedstuffs added to a semi-purified diet on Eimeria tenella infection. Colnago GL, et al. **Poult Sci** 1984 Nov;63(11):2145–52

OCCURRENCE

Respiratory disease (rhinotracheitis) in turkeys in Brittany, France, 1981–1982. I. Field observations and serology. Andral B, et al. **Avian Dis** 1985 Jan–Mar;29(1):26–34

Alcaligenes faecalis rhinotracheitis in Manitoba turkeys. Boycott BR, et al. **Avian Dis** 1984 Oct–Dec;28(4):1110–4

Enhanced incidence of leg abnormalities in reovirus WVU 2937-infected chickens fed various dietary levels of selected vitamins. Cook ME, et al. **Avian Dis** 1984 Jul–Sep; 28(3):548–61

Sinusitis in turkeys associated with respiratory cryptosporidiosis. Glisson JR, et al. **Avian Dis** 1984 Jul–Sep;28(3):783–90

An epornitic of Mycoplasma gallisepticum in turkeys. Mason SJ, et al. **Avian Dis** 1984 Jul–Sep;28(3):751–7

An epizootiological study of acute death syndrome and leg weakness in broiler chickens in western Canada. Riddell C, et al. **Avian Dis** 1985 Jan–Mar;29(1):90–102

Viral hepatitis in domestic geese in Saskatchewan. Riddell C. **Avian Dis** 1984 Jul–Sep;28(3):774–82

Cryptosporidiosis in the respiratory tract of turkeys in Saskatchewan. Tarwid JN, et al. **Avian Dis** 1985 Apr–Jun; 29(2):528–32

Influence of egg storage on hatchability, embryonic development and vitamin status in hatching broiler chicks. Whitehead CC, et al. **Br Poult Sci** 1985 Apr;26(2):221–8

The isolation of infectious bursal disease virus from turkeys in England. Chettle NJ, et al. **Br Vet J** 1985 Mar–Apr; 141(2):141–5

'Salmonella hirschfeldii' in poultry and man in Ibadan, Nigeria. Ojeniyi A. **Bull WHO** 1984;62(5):773–5

Epidemiological aspects of Salmonella infantis and Salmonella typhi murium infections in Finnish broiler chickens. Vasa M. **Nord Vet Med** 1984 Sep–Oct; 36(9–10):317–23

The effect of different totals and ratios of dietary calcium and phosphorus on the performance and incidence of leg abnormalities of male and female broiler chickens. Hulan HW, et al. **Poult Sci** 1985 Jun;64(6):1157–69

Effect of different levels of dietary sorbic acid on general performance and incidence of leg abnormalities of commercial broilers reared to roaster weight. Hulan HW, et al. **Poult Sci** 1984 Sep;63(9):1800–2

The influence of ascorbic acid on the occurrence of tibial dyschondroplasia in young broiler chickens. Leach RM Jr, et al. **Poult Sci** 1985 Jun;64(6):1188–91

Sudden death syndrome in broilers: dietary fat supplementation and its effect on tissue composition. Rotter B, et al. **Poult Sci** 1985 Jun;64(6):1128–36

Chronic heat stress and respiratory alkalosis: occurrence and treatment in broiler chicks. Teeter RG, et al. **Poult Sci** 1985 Jun;64(6):1060–4

Factors related to the incidence of the malabsorption syndrome. Winstead CS, et al. **Poult Sci** 1985 Mar; 64(3):499–501

Diseases diagnosed in broiler chicken flocks in Victoria, Australia, 1977 to 1984. Reece RL, et al. **Vet Rec** 1985 Mar 23;116(12):315–20

Is salmonellosis still a serious problem in veterinary practice? Wray C. **Vet Rec** 1985 May 4;116(18):485–9

[Dynamics of a latent epizootic process as evaluated by an incidence-of-infection index] Likov B, et al. **Vet Med Nauki** 1984;21(7–8):31–7 (Eng. Abstr.) **(Bul)**

[Tibial dyschondroplasia in broiler chickens] Mørch J. **Nord Vet Med** 1985 May–Jun;37(3):176–86 (Eng. Abstr.) **(Dan)**

PARASITOLOGY

Fine structure of the process of oocyst wall formation of Eimeria maxima (Apicomplexa: Eimeriina). Elwasila M. **Acta Vet Hung** 1984;32(3–4):159–63

Toxoplasmosis in local breed of chicken in Zaria, Nigeria. Aganga AO, et al. **Int J Zoonoses** 1984 Dec;11(2):170–2

Chemotaxonomic studies on davaineid tapeworms, based on amino acid analysis. Bhalya A, et al. **J Helminthol** 1984 Dec;58(4):325–6

Infectivity, growth and development of Echinostoma revolutum (Trematoda) in the domestic chick. Fried B. **J Helminthol** 1984 Sep;58(3):241–4

Lethality of intestinal tissue extracts from Eimeria-infected chickens. McKenzie ME, et al. **Parasitology** 1985 Jun;90 (Pt 3):565–72

Eimeria tenella: development of resistance to arprinocid and decoquinate in the chicken. Chapman HD. **Res Vet Sci** 1985 Mar;38(2):226–30

Acquired immunity to Eimeria tenella in lasalocid-treated chickens. Sasmal NK, et al. **Vet Parasitol** 1984 Jul;15(1):1–9

Some observations on the biology of five strains of Eimeria necatrix. Shirley MW. **Z Parasitenkd** 1985;71(3):287–95

PATHOLOGY

Pathological studies in chicken embryos and day-old chicks experimentally infected with Salmonella typhimurium and Staphylococcus aureus. Glávits R, et al. **Acta Vet Hung** 1984;32(1–2):39–49

Pathological studies in chicken embryos and day-old chicks experimentally infected with avian reovirus. Glávits R, et al. **Acta Vet Hung** 1984;32(1–2):23–37

Idiopathic torticollis. Torticollis in white Pekin ducks. Gopalakrishnakone P. **Am J Pathol** 1985 Mar;118(3):500–1

Tracheal lesions in young turkeys infected with Bordetella avium. Arp LH, et al. **Am J Vet Res** 1984 Oct; 45(10):2196–200

Lesions induced in the respiratory tract of chickens by encapsulated or nonencapsulated variants of Haemophilus paragallinarum. Sawata A, et al. **Am J Vet Res** 1985 May; 46(5):1185–91

Mortality in Pekin ducklings associated with eosinophilic intranuclear inclusions in hepatocytes. Scott PC, et al. **Aust Vet J** 1984 Oct;61(10):328–9

Neurofibrosarcoma and leiomyosarcoma in slaughterhouse broilers. Anderson WI, et al. **Avian Dis** 1985 Apr–Jun; 29(2):521–7

Severity of tenosynovitis in reovirus-infected chickens fed various dietary levels of choline, folic acid, manganese, biotin, or niacin. Cook ME, et al. **Avian Dis** 1984 Jul–Sep; 28(3):562–73

Nutritional stress as a cause of thymic atrophy in broiler chickens. Griffiths GL, et al. **Avian Dis** 1985 Jan–Mar; 29(1):103–6

Encephalomalacia associated with hypovitaminosis E in turkey poults. Jortner BS, et al. **Avian Dis** 1985 Apr–Jun; 29(2):488–98

Cartilage lesions associated with shaky-leg lameness in turkeys. Julian RJ, et al. **Avian Dis** 1985 Jan–Mar; 29(1):218–32

Effect of avian reoviruses on lymphoid organ weights and antibody response in chickens. Montgomery RD, et al. **Avian Dis** 1985 Apr–Jun;29(2):552–60

Infectious stunting and pancreatic fibrosis in broiler chickens in Saskatchewan. Riddell C, et al. **Avian Dis** 1985 Jan–Mar; 29(1):107–15

A study of cartilaginous nodules in the lungs of domestic poultry. Sarango JA, et al. **Avian Dis** 1985 Jan–Mar; 29(1):116–27

Reticuloendotheliosis in breeder turkeys. Witter RL, et al. **Avian Dis** 1984 Jul–Sep;28(3):742–50

Liver orcein stain and viral DNA in duck hepatitis B virus infection in Chinese ducks and experimentally infected Japanese ducklings. Mori J, et al. **Hepatology** 1984 Nov–Dec;4(6):1124–8

Brucellosis in poultry--an experimental study. Kumar S, et al. **Int J Zoonoses** 1984 Dec;11(2):133–8

Avulsion of muscles from the femoral trochanter in the fowl. Duff SR. **J Comp Pathol** 1985 Jul;95(3):383-92

Dyschondroplasia/osteochondrosis of the femoral trochanter in the fowl. Duff SR. **J Comp Pathol** 1985 Jul;95(3):363-71

Hip instability in young adult, broiler fowls. Duff SR. **J Comp Pathol** 1985 Jul;95(3):373-82

Further studies of degenerative hip disease; antitrochanteric degeneration in turkeys and broiler type chickens. Duff SR. **J Comp Pathol** 1985 Jan;95(1):113-22

Chronological observations on hemato-pathological changes in chicks inoculated with chicken anemia agent. Taniguchi T, et al. **Natl Inst Anim Health Q (Tokyo)** 1983 Spring; 23(1):1-12

Parvoviral myocarditis in cyclophosphamide-treated chicks. Goryo M, et al. **Nippon Juigaku Zasshi** 1985 Jun; 47(3):527-30

Avitaminosis K and the lack of heart lesions in poultry. Veltmann JR Jr, et al. **Poult Sci** 1985 Jun;64(6):1245-6

Enteritis and green diarrhoea in experimental avian spirochaetosis. Bandopadhyay AC, et al. **Res Vet Sci** 1984 Nov;37(3):381-2

Dyschondroplasia of the caput femoris in skeletally immature broilers. Duff SR. **Res Vet Sci** 1984 Nov;37(3):293-302

Consequences of capital femoral dyschondroplasia in young adult and skeletally mature broilers. Duff SR. **Res Vet Sci** 1984 Nov;37(3):310-9

Capital femoral epiphyseal infarction in skeletally immature broilers. Duff SR. **Res Vet Sci** 1984 Nov;37(3):303-9

Histopathological changes in the proventriculus of fowl given experimental monospecific infection with Acuaria spiralis. Ramaswamy K, et al. **Vet Parasitol** 1985 Apr;17(4):309-17

Pathology of cloacal bursae of gnotobiotic turkeys orally inoculated with Escherichia coli. Dominick MA, et al. **Vet Pathol** 1985 May;22(3):262-71

Broiler runting/stunting syndrome in Malaysia [letter] Chooi KF, et al. **Vet Rec** 1985 Mar 30;116(13):354

Fractures in turkeys associated with lymphoma. Randall CJ, et al. **Vet Rec** 1984 Dec 22-29;115(25-26):650-1

Field, clinical and pathological observations of a runting and stunting syndrome in broilers. Reece RL, et al. **Vet Rec** 1984 Nov 10;115(19):483-5

[Detection of Hexamita meleagridis in Bulgaria] Stoĭkov D. **Vet Med Nauki** 1985;22(4):44-50 (Eng. Abstr.) **(Bul)**

[Secondary amyloidosis in white Peking ducks] Eskens U, et al. **Tierarztl Prax** 1984;12(4):469-75 (Eng. Abstr.) **(Ger)**

[Effect of avitaminosis A on retinal photoreceptor ultrastructure in adult hens] Dzhanelidze KhN. **Tsitologiia** 1984 Aug;26(8):891-5 (Eng. Abstr.) **(Rus)**

[Dystrophic muscular fibers in the muscles of certain breeds of birds] Uhrín V. **Vet Med (Praha)** 1985 Mar;30(3):179-92 (Eng. Abstr.) **(Slo)**

PHYSIOPATHOLOGY

Physiological responses of chicken gut tissue to infection with Eimeria acervulina. Allen PC. **Avian Dis** 1984 Oct-Dec; 28(4):868-76

Surface and cloacal temperatures in chicks of different genetic stocks given an Escherichia coli inoculation. Dunnington EA, et al. **Avian Dis** 1985 Jan-Mar; 29(1):177-87

Concurrent infections with reoviruses and coccidia in broilers. Ruff MD, et al. **Avian Dis** 1985 Apr-Jun; 29(2):465-78

Exacerbative effect of vitamin A on malabsorption syndrome in chicks. Veltmann JR Jr, et al. **Avian Dis** 1985 Apr-Jun; 29(2):446-56

Changes in moribund chickens as a result of Eimeria necatrix infection. Witlock DR. **J Parasitol** 1984 Jun;70(3):433-5

Effect of carbonated water on growth performance of cockerels subjected to constant and cyclic heat stress temperatures. Bottje WG, et al. **Poult Sci** 1985 Jul; 64(7):1285-92

Thyroid and adrenal response to heat stress in chickens and quail differing in heat tolerance. Bowen SJ, et al. **Poult Sci** 1985 Jan;64(1):149-54

Feed refusal during ochratoxicosis in turkeys. Burditt SJ, et al. **Poult Sci** 1984 Nov;63(11):2172-4

Effects of heat stress on day-old broiler chicks. Ernst RA, et al. **Poult Sci** 1984 Sep;63(9):1719-21

Effects of caponization on body weight, atherosclerosis, and cardiovascular variables in hypertensive and hypotensive turkey lines. Miller LE, et al. **Poult Sci** 1985 May; 64(5):1002-14

PREVENTION & CONTROL

Practical aspects of competitive exclusion for the control of Salmonella in turkeys. Anderson WR, et al. **Avian Dis** 1984 Oct-Dec;28(4):1071-8

Immunogenicity of an oil-emulsified Escherichia coli bacterin against heterologous challenge. Gyimah JE, et al. **Avian Dis** 1985 Apr-Jun;29(2):540-5

Vaccination of turkeys against air-sac infection with a temperature-sensitive mutant of Mycoplasma gallisepticum. Lam KM, et al. **Avian Dis** 1984 Oct-Dec; 28(4):1096-101

Protection of ducklings with a broth-grown Pasteurella anatipestifer bacterin. Layton HW, et al. **Avian Dis** 1984 Jul-Sep;28(3):718-26

Efficacy of broth-grown Pasteurella multocida bacterins in ducklings. Layton HW. **Avian Dis** 1984 Oct-Dec; 28(4):1086-95

Active and passive immunization of ducks against duck viral enteritis. Lin WQ, et al. **Avian Dis** 1984 Oct-Dec; 28(4):968-73

Use of amprolium for the control of coccidiosis in pheasants. Patton WH, et al. **Avian Dis** 1984 Jul-Sep;28(3):693-9

The effects of treatments of cecal contents on their protective properties against Salmonella in poults. Reid CR, et al. **Avian Dis** 1985 Jan-Mar;29(1):1-11

Laboratory and field trials with formalin-inactivated Escherichia coli (O78)-Pasteurella anatipestifer bacterin in white pekin ducks. Sandhu TS, et al. **Avian Dis** 1985 Jan-Mar;29(1):128-35

Efficacy of experimental inactivated mycoplasma gallisepticum oil-emulsion bacterin in egg-layer chickens. Yoder HW Jr, et al. **Avian Dis** 1985 Apr-Jun;29(2):322-34

Effects of testosterone on the development of autoimmune thyroiditis in two strains of chicken. Gause WC, et al. **Clin Immunol Immunopathol** 1985 Jul;36(1):10-7

Bacterins and vaccines for the control of Mycoplasma gallisepticum. Kleven SH, et al. **Isr J Med Sci** 1984 Oct; 20(10):989-91

Utilization of temperature-sensitive mutants of Mycoplasma gallisepticum to prevent air sac infections. Lam KM, et al. **Isr J Med Sci** 1984 Oct;20(10):992-4

Prophylactic efficiency and longevity of polyvinyl chloride strips containing permethrin for control of northern fowl mites (Acari: Macronyssidae) on caged chickens. Hall RD, et al. **J Econ Entomol** 1984 Oct;77(5):1224-8

Vaccination against Marek's disease and infectious bursal disease. II. Titration and in vivo efficacy of the coinfection-derived bivalent live vaccine for turkey herpesvirus and infectious bursal disease virus. Chang JD, et al. **Poult Sci** 1984 Sep;63(9):1752-8

Effect of levamisole on the response of broilers to coccidiosis vaccination. Giambrone JJ, et al. **Poult Sci** 1985 Jun; 64(6):1083-9

Humoral antibody response and assessment of protection following primary vaccination of chicks with maternally derived antibody against avian infectious bronchitis virus. Darbyshire JH, et al. **Res Vet Sci** 1985 Jan;38(1):14-21

Botulism among penned pheasants and protection by vaccination with C1 toxoid. Kurazono H, et al. **Res Vet Sci** 1985 Jan;38(1):104-8

Effect of management changes on hatchability and bacterial infections on a Saudi Arabian poultry breeding farm. Barbour EK, et al. **Trop Anim Health Prod** 1984 Nov; 16(4):201-7

A protective antigen for turkeys purified froma type 1 strain of Pasteurella multocida. Kajikawa O, et al. **Vet Microbiol** 1984 Dec;10(1):43-55

Reduction of bacterial infections in newly hatched chicks by the use of antimicrobial dips: preliminary approaches. Barbour EK, et al. **Vet Q** 1985 Jan;7(1):39-43

Occurrence and significance of infectious bronchitis virus variant strains in egg and broiler production in the Netherlands. Davelaar FG, et al. **Vet Q** 1984 Jul; 6(3):114-20

The use in practice of inactivated oil emulsion vaccine against infectious bursal disease in broiler breeders and its influence on the progeny: a comparative field trial. Voeten AC, et al. **Vet Q** 1985 Apr;7(2):91-100

Newcastle disease vaccination in Malaysia: application of oil emulsion vaccine. Ernawati R, et al. **Vet Rec** 1984 Oct 6;115(14):352-4

Control of salmonella by acid disinfection of chicks' food [letter] Hinton M, et al. **Vet Rec** 1985 May 4;116(18):502

Haemagglutination inhibition antibody titres in chickens vaccinated with infectious bronchitis virus vaccines. Holmes HC, et al. **Vet Rec** 1985 Jun 1;116(22):587-8

Newcastle disease: what now? [letter] Pattison M. **Vet Rec** 1985 Mar 9;116(10):276

TRANSMISSION

Epizootiology of avian influenza: effect of season on incidence in sentinel ducks and domestic turkeys in Minnesota. Halvorson DA, et al. **Appl Environ Microbiol** 1985 Apr;49(4):914-9

An investigation of vertical transmission of a fowl adenovirus serotype 8. Reece RL, et al. **Aust Vet J** 1985 Apr; 62(4):136-7

Mycoplasma gallisepticum vaccination: further studies on egg transmission and egg production. Glisson JR, et al. **Avian Dis** 1985 Apr-Jun;29(2):408-15

Isolation of avian paramyxoviruses from sentinel ducks and turkeys in Minnesota. Kelleher CJ, et al. **Avian Dis** 1985 Apr-Jun;29(2):400-7

Role of litter in the transmission of Campylobacter jejuni. Montrose MS, et al. **Avian Dis** 1985 Apr-Jun;29(2):392-9

Some evidence of mechanical transmission of reticuloendotheliosis virus by mosquitoes. Motha MX, et al. **Avian Dis** 1984 Oct-Dec;28(4):858-67

Transmission of Campylobacter jejuni by the housefly (Musca domestica). Shane SM, et al. **Avian Dis** 1985 Apr-Jun;29(2):384-91

Sequence of events in natural infection of Pekin duck embryos with duck hepatitis B virus. Urban MK, et al. **J Virol** 1985 Jul;55(1):16-22

Infection of fowls with Newcastle disease virus by food contaminated with pigeon faeces. Alexander DJ, et al. **Vet Rec** 1984 Dec 8;115(23):601-2

Disease in turkeys associated with H1N1 influenza virus following an outbreak of the disease in pigs. Andral B, et al. **Vet Rec** 1985 Jun 8;116(23):617-8

[Trichophyton gallinae as a causative agent of trichophytosis in birds and humans] Arievich AM, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):23-8 (Eng. Abstr.) **(Rus)**

POULTRY PRODUCTS

see related
EGGS

Diseases diagnosed in broiler chicken flocks in Victoria, Australia, 1977 to 1984. Reece RL, et al. **Vet Rec** 1985 Mar 23;116(12):315-20

POISONING

Poultry giblet-associated salmonellosis--Maine. **MMWR** 1984 Nov 9;33(44):630-1

POVERTY

Human protein requirements. Problems of maintaining nitrogen balance on a low income. Harper AE. **Ala J Med Sci** 1984 Oct;21(4):389-94

The ecology of nutritional status and development in young children in Kingston, Jamaica. Powell CA, et al. **Am J Clin Nutr** 1985 Jun;41(6):1322-31

Social support in black, low-income, single-parent families: normative and dysfunctional patterns. Lindblad-Goldberg M, et al. **Am J Orthopsychiatry** 1985 Jan;55(1):42-58

Homelessness in America: myths and realities. Mowbray CT. **Am J Orthopsychiatry** 1985 Jan;55(1):4-8

Is homelessness a mental health problem? Bassuk EL, et al. **Am J Psychiatry** 1984 Dec;141(12):1546-50

The malignant neglect of the mentally ill street people [letter] Perr IN. **Am J Psychiatry** 1985 Jul;142(7):885-6

Supports, stressors, and depressive symptoms in low-income mothers of young children. Hall LA, et al. **Am J Public Health** 1985 May;75(5):518-22

Nutritional status of men attending a soup kitchen: a pilot study. Laven GT, et al. **Am J Public Health** 1985 Aug; 75(8):875-8

Is the Jarman underprivileged area score valid? Charlton JR, et al. **Br Med J [Clin Res]** 1985 Jun 8;290(6483):1714-6

Underprivileged areas: validation and distribution of scores. Jarman B. **Br Med J [Clin Res]** 1984 Dec 8; 289(6458):1587-92

Poverty in the cradle. Smith R. **Br Med J [Clin Res]** 1985 May 4;290(6478):1340-2

The economically unattractive patient: who cares? Feder J, et al. **Bull NY Acad Med** 1985 Jan-Feb;61(1):68-74

Health and empowerment. McKnight JL. **Can J Public Health** 1985 May-Jun;76 Suppl 1:37-8

The Medicaid cutoff and abortion services for the poor. Henshaw SK, et al. **Fam Plann Perspect** 1984 Jul-Aug; 16(4):171-2, 177-80

The feminization of poverty and older women. Minkler M, et al. **Gerontologist** 1985 Aug;25(4):351-7

Building housing for the low-income elderly: cost containment in the Section 202 program. Turner MA. **Gerontologist** 1985 Jun;25(3):271-7

Research on services for the homeless mentally ill. Bachrach LL. **Hosp Community Psychiatry** 1984 Sep;35(9):910-3

Interpreting research on the homeless mentally ill: some caveats. Bachrach LL. **Hosp Community Psychiatry** 1984 Sep;35(9):914-7

A survey of the problems and needs of homeless consumers of acute psychiatric services. Ball FL, et al. **Hosp Community Psychiatry** 1984 Sep;35(9):917-21

Homelessness: the need for mental health advocates. Bassuk EL. **Hosp Community Psychiatry** 1984 Sep;35(9):867

The mentally ill homeless: isolation and adaptation. Cohen NL, et al. **Hosp Community Psychiatry** 1984 Sep; 35(9):922-4

Deinstitutionalization and the homeless mentally ill. Lamb HR. **Hosp Community Psychiatry** 1984 Sep;35(9):899-907

Morbidity pattern in an urban slum of Nagpur. Sharma R, et al. **Indian J Med Sci** 1984 Aug;38(8):153-6

Prevalence of tuberculous disease and infection in an urban slum area. Shah M, et al. **Indian J Pediatr** 1983 Nov-Dec; 50(407):639-42

The role of the health-worker in an integrated child health programme in slums. Tragler A. **Indian Pediatr** 1984 Apr; 21(4):287-93

The uninsured and the financing of uncompensated care: scope, costs, and policy options. Mulstein S. **Inquiry** 1984 Fall;21(3):214-29

Beyond support: group psychotherapy with low-income mothers. Bumagin S, et al. **Int J Group Psychother** 1985 Apr;35(2):279-94

Resident and parental perceptions of adolescent problems and family communications in a low socioeconomic population. Hawley LE, et al. **J Fam Pract** 1984 Nov;19(5):651-5

Effectiveness of state mandates to maintain local government health services for the poor. Brown ER, et al. **J Health Polit Policy Law** 1984 Summer;9(2):223-36

A nutrition-physical fitness intervention program for low-income black parents. Sullivan J, et al. **J Natl Med Assoc** 1985 Jan;77(1):39-43

Community health centers: providing care for urban blacks. Webb H Jr. **J Natl Med Assoc** 1984 Nov;76(11):1063-7

Nutritional improvement of poor urban preschool children.

A 1983–1977 comparison. Zee P, et al. **JAMA** 1985 Jun 14;253(22):3269–72

Poverty and the health of children [letter] **Lancet** 1984 Oct 6;2(8406):814

Healing the sick poor: social policy and disability in Norwich 1550–1640. Pelling M. **Med Hist** 1985 Apr;29(2):115–37

The inner city three years later. Scarman. **Med Leg J** 1984; 52 (Pt 3):153–63

Falling through the cracks: poverty, insurance coverage, and hospital care for the poor, 1980 and 1982. Feder J, et al. **Milbank Mem Fund Q** 1984 Fall;62(4):544–66

Society, medicine, and the rural poor. 'What shall we do about the Selways?' Pust RE. **Minn Med** 1985 May; 68(5):384–6

Poverty, hunger, malnutrition, prematurity, and infant mortality in the United States. Graham GG. **Pediatrics** 1985 Jan;75(1):117–25 (35 ref.)

Childhood death and poverty: a study of all childhood deaths in Maine, 1976 to 1980. Nersesian WS, et al. **Pediatrics** 1985 Jan;75(1):41–50

Health care and the corridor poor. Oberg CN. **Pediatrics** 1985 Sep;76(3):461–3

Social and cultural factors in the etiology of low birthweight among disadvantaged blacks. Boone MS. **Soc Sci Med** 1985; 20(10):1001–11

Belief systems and breast feeding among Filipino urban poor. Fernandez EL, et al. **Soc Sci Med** 1984;19(9):991–5

Infant formula samples and breast feeding among Philippine urban poor. Guthrie GM, et al. **Soc Sci Med** 1985; 20(7):713–7

Fertility reduction policies and poverty in Third World countries: ethical issues. Hernandez DJ. **Stud Fam Plann** 1985 Mar–Apr;16(2):76–87

[Pediatric aspects of child poverty in our society (our 'child-unfriendly' Austria] Hohenauer L. **Padiatr Padol** 1985;20(2):113–5 **(Ger)**

[Drug dependence in poverty. Its prevalence in Costa Rica] Miguez HA. **Acta Psiquiatr Psicol Am Lat** 1984 Dec; 30(4):255–63 (Eng. Abstr.) **(Spa)**

POVERTY AREAS see under **POVERTY**

POVIDONE

125I–wheat germ agglutinin blotting: increased sensitivity with polyvinylpyrrolidone quenching and periodate oxidation/reductive phenylamination. Bartles JR, et al. **Anal Biochem** 1984 Jul;140(1):284–92

Percoll and Ficoll self-generated density gradients by low-speed osmocentrifugation. Nunes SP, et al. **Anal Biochem** 1985 Apr;146(1):48–51

Adjustment of the osmolality of Percoll for the isopycnic separation of cells and cell organelles. Vincent R, et al. **Anal Biochem** 1984 Sep;141(2):322–8

False-positive guaiac testing with iodine. Blebea J, et al. **Arch Pathol Lab Med** 1985 May;109(5):437–40

An introduction to fluoropolymer contact lenses: a new class of materials. Keates RH, et al. **CLAO J** 1984 Oct–Dec; 10(4):332–4

New aspects of mechanism of action of povidone-iodine. Rackur H. **J Hosp Infect** 1985 Mar;6 Suppl A:13–23

Use of biocompatible orthopaedic polymer for fracture treatment and reconstructive orthopaedic procedures. Merendino J, et al. **J Int Med Res** 1984;12(6):351–5

Laser Raman investigation of drug-polymer conjugates: sulfathiazole-povidone coprecipitates. Bolton BA, et al. **J Pharm Sci** 1984 Dec;73(12):1849–51

Interaction of povidone with aromatic compounds V: Relationship of binding tendency in a macromolecular solution treated as a pseudo two phase and a monophase. Plaizier-Vercammen JA. **J Pharm Sci** 1984 Dec; 73(12):1774–9

The isolation of rat alveolar type II cells: a simplified approach using Percoll density centrifugation. Skillrud DM, et al. **Lung** 1984;162(4):245–52

[An aqueous solution of 1% PVP-I in the campaign against mercury pollution] De Clerck JP. **Can Dent Assoc J** 1984 Dec;50(12):909–12 (Eng. Abstr.) **(Fre)**

[The anti-bacterial effect of the povidone-iodine gel for continuous epidural block] Nagaro T, et al. **Masui** 1984 Nov;33(11):1254–9 (Eng. Abstr.) **(Jpn)**

ADMINISTRATION & DOSAGE

[Artificial synovial fluid for the intra-articular treatment of rheumatoid arthritis and osteoarthritis (chemical synthesis and clinico-experimental and biomechanical data)] Vadilenkaitis VV, et al. **Ter Arkh** 1984;56(11):73–7 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

[Granuloma formation following intracutaneous administration of procaine-polyvinylpyrrolidone] Bode U, et al. **Hautarzt** 1984 Sep;35(9):474–7 (Eng. Abstr.) **(Ger)**

[Polyvinylpyrrolidone granuloma--differential diagnosis of rare soft tissue tumors in the area of the maxilla] Uffenorde J, et al. **HNO** 1984 Dec;32(12):515–7 (Eng. Abstr.) **(Ger)**

[Clinical variability of polyvinylpyrrolidone dermatosis] Mensing H, et al. **Z Hautkr** 1984 Aug 1;59(15):1027–37 (Eng. Abstr.) **(Ger)**

[Clinico-morphological characteristics of the sequelae of the parenteral administration of gemodes and polyglucin to children] Samokhin PA, et al. **Arkh Patol** 1984;46(10):64–71 (Eng. Abstr.) **(Rus)**

ANALOGS & DERIVATIVES

Scanning electron microscopic findings on the rabbit meninges after local lavage with Polyvinylpyrrolidon-Jod-Komplex. Strohecker J, et al. **Acta Neurochir (Wien)** 1985;77(1–2):72–4

Effect of povidone, povidone-iodine, and iodide on locomotion (in vitro) of neutrophils from people, rats, dogs, and rabbits. Tvedten HW, et al. **Am J Vet Res** 1985 Aug; 46(8):1797–800

Povidone-iodine bowel irrigation before resection of colorectal carcinoma. Parker MC, et al. **Ann R Coll Surg Engl** 1985 Jul;67(4):227–8

Topical antiseptics [letter] Leyden JJ. **Arch Dermatol** 1984 Nov;120(11):1419

Chemical preparation of the eye in ophthalmic surgery. IV. Comparison of povidone-iodine on the conjunctiva with a prophylactic antibiotic. Isenberg SJ, et al. **Arch Ophthalmol** 1985 Sep;103(9):1340–2

Occupational allergic contact dermatitis to povidone-iodine. Lachapelle JM. **Contact Dermatitis** 1984 Sep;11(3):189–90

The effect of chemical intravaginal contraceptives and Betadine on Ureaplasma urealyticum. Amortegui AJ, et al. **Contraception** 1984 Aug;30(2):135–41

Prevention of colostomy in partial colonic obstruction by intraoperative rectal tube irrigation. Hardy TG Jr, et al. **Dis Colon Rectum** 1985 Feb;28(2):122–7

Is prophylactic abdominal irrigation with polyvinylpyrrolidone iodine (PVPI) safe? Kuijpers HC. **Dis Colon Rectum** 1985 Jul;28(7):481–3

Short-term use of a medicated douche preparation in the symptomatic treatment of minor vaginal irritation, in some cases associated with infertility. Beaton JH, et al. **Int J Fertil** 1984;29(2):109–12

Effects of aqueous and alcoholic povidone-iodine on spores of Bacillus subtilis. Gorman SP, et al. **J Appl Bacteriol** 1985 Jul;59(1):99–105

Proceedings of the III World Congress on Antisepsis. London, UK, 25–26 June 1984. **J Hosp Infect** 1985 Mar; 6 Suppl A:1–218

Antimicrobial preparation of the eye for surgery. Apt L, et al. **J Hosp Infect** 1985 Mar;6 Suppl A:163–72

The influence of povidone-iodine treatment on thyroid hormones in severe burns. Balogh D, et al. **J Hosp Infect** 1985 Mar;6 Suppl A:147–53

A microbiological comparison of a povidone-iodine lubricating gel and a control as catheter lubricants. Cohen A. **J Hosp Infect** 1985 Mar;6 Suppl A:155–61

Topical burn therapy comparing povidone-iodine ointment or cream plus aserbine, and povidone-iodine cream. de Kock M. **J Hosp Infect** 1985 Mar;6 Suppl A:127–32

A clinical trial to compare the effect of two antiseptic mouthwashes on gingival inflammation. Fine PD. **J Hosp Infect** 1985 Mar;6 Suppl A:189–93

Efficacy of povidone-iodine in pre-operative skin preparation. Georgiade G, et al. **J Hosp Infect** 1985 Mar; 6 Suppl A:67–71

In vitro studies of the killing of clinical isolates by povidone-iodine solutions. Gocke DJ, et al. **J Hosp Infect** 1985 Mar;6 Suppl A:59–66

A comparison of the effect of povidone-iodine and 60% n-propanol on the resident flora using a new test method. Hartmann AA. **J Hosp Infect** 1985 Mar;6 Suppl A:73–80

The use of povidone-iodine enema as pre-operative preparation for colorectal surgery: bacteriological study. Hay JM, et al. **J Hosp Infect** 1985 Mar;6 Suppl A:115–6

The effect of povidone-iodine irrigation on perineal wound healing following proctectomy for carcinoma. Johnson JN, et al. **J Hosp Infect** 1985 Mar;6 Suppl A:81–6

Ten years experience with povidone-iodine in heart surgery. Klövekorn WP, et al. **J Hosp Infect** 1985 Mar;6 Suppl A:117–21

Prevention of bacterial colonization of wounds at operation: comparison of iodine-impregnated ('Ioban') drapes with conventional methods. Lewis DA, et al. **J Hosp Infect** 1984 Dec;5(4):431–7

Studies on the use of povidone-iodine with the 'hygienic hand disinfection' test. Newsom SW, et al. **J Hosp Infect** 1985 Mar;6 Suppl A:45–50

Systemic metronidazole combined with either topical povidone-iodine or ampicillin in acute appendicitis. Parker MC, et al. **J Hosp Infect** 1985 Mar;6 Suppl A:97–101

A physico-chemical study of PVP-I solutions leading to the reformulation of 'Betadine' preparations (5% PVP-I). Pollack W, et al. **J Hosp Infect** 1985 Mar;6 Suppl A:25–32

Disinfectant properties of new povidone-iodine preparations. Schubert R. **J Hosp Infect** 1985 Mar;6 Suppl A:33–6

Clinical experience with povidone-iodine eye drops in patients with conjunctivitis and keratoconjunctivitis. Schuhman G, et al. **J Hosp Infect** 1985 Mar;6 Suppl A:173–5

Randomised trial of intraperitoneal irrigation with low molecular weight povidone-iodine solution to reduce intra-abdominal infectious complications. Sindelar WF, et al. **J Hosp Infect** 1985 Mar;6 Suppl A:103–14

The intra-operative application of povidone-iodine in neurosurgery. Strohecker J, et al. **J Hosp Infect** 1985 Mar; 6 Suppl A:123–5

The management of methicillin-resistant Staphylococcus aureus in a major hospital. Tyzack R. **J Hosp Infect** 1985 Mar;6 Suppl A:195–9

The treatment of acute necrotizing pancreatitis, using a mediastinoscope postoperatively and antiseptic rinses. Wayand W, et al. **J Hosp Infect** 1985 Mar;6 Suppl A:93–5

Povidone-iodine in the treatment of burn patients. Zellner PR, et al. **J Hosp Infect** 1985 Mar;6 Suppl A:139–46

Use of povidone-iodine for intravaginal and periumbilical antisepsis [letter] Clemens P, et al. **J Pediatr** 1985 Feb; 106(2):348

Prophylactic povidone-iodine spray in accidental wounds. Bickerstaff KI, et al. **J R Coll Surg Edinb** 1984 Jul; 29(4):234–6

Comparison of blood serum iodine levels with use of Iodoplex and povidone iodine ointment. Notea E, et al. **J Trauma** 1985 Mar;25(3):247–9

False-positive hematuria [letter] Litwin MS, et al. **JAMA** 1985 Oct 4;254(13):1724

Use of Betadine in the pregnant woman [letter] McGuinness MA. **JOGN Nurs** 1984 Nov–Dec;13(6):412–3

Op-Site dressing study: a prospective randomized study evaluating povidone iodine ointment and extension set changes with 7-day Op-Site dressings applied to total parenteral nutrition subclavian sites. Powell CR, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul–Aug;9(4):443–6

Bladder irrigation with povidone-iodine in prevention of urinary-tract infections associated with intermittent urethral catheterisation. van den Broek PJ, et al. **Lancet** 1985 Mar 9;1(8428):563–5

Polyvinyl pyrrolidone-iodine as an intravenous antiseptic. Werbin N. **Med Hypotheses** 1985 Jun;17(2):147–8

'Comparative analysis: 4% chlorhexidine gluconate versus 7.5% povidone-iodine surgical scrubs in bone marrow transplant recipients'. Baker KA, et al. **Prog Clin Biol Res** 1985;181:443–6

Inhibition of povidone-iodine's bactericidal activity by common organic substances: an experimental study. Zamora JL, et al. **Surgery** 1985 Jul;98(1):25–9

Comparison of two methods of prophylaxis against CSF shunt infection. Lambert M, et al. **Z Kinderchir** 1984 Dec; 39 Suppl 2:109–10

[Transient hypothyroidism due to skin contamination with iodine in a newborn infant with an omphalocele] Tummers RF, et al. **Ned Tijdschr Geneeskd** 1985 May 18; 129(20):958–9 (Eng. Abstr.) **(Dut)**

[Saturation of the thyroid gland secondary to prolonged cutaneous application of iodine antiseptic (letter)] Adoue D, et al. **Presse Med** 1984 Oct 27;13(38):2325 **(Fre)**

[Experimental and clinical studies of the efficacy of an antimicrobial incision drape] Mannckc K, et al. **Chirurg** 1984 Aug;55(8):515–8 (Eng. Abstr.) **(Ger)**

[Changes in iodine metabolism in patients with burns treated topically with PVP-iodine] Bugyi S, et al. **Unfallchirurgie** 1985 Apr;11(2):58–64 (Eng. Abstr.) **(Ger)**

[Delay in the liberation of the polyvinylpyrrolidone iodine complex from porous, resorbable tricalcium phosphate ceramic granules by using soluble coatings in the local treatment of osteomyelitis. An animal experiment study] Eitenmüller J, et al. **Unfallheilkunde** 1984 Dec; 87(12):517–23 (Eng. Abstr.) **(Ger)**

[Testing of mucosa disinfection methods in the mouth and throat. 1. Effect of chlorhexidine gluconate and PVP-iodine on alpha-hemolytic streptococci] Exner M, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec; 180(1):38–45 (Eng. Abstr.) **(Ger)**

[Vaccinating effect of conjugates of influenza virus surface antigens with a synthetic polymer carrier] Petrov RV, et al. **Dokl Akad Nauk SSSR** 1984;277(3):752–5 **(Rus)**

[Antibody-stimulating and protective effect of a conjugate of the influenza virus M protein with a synthetic polymer] Petrov RV, et al. **Dokl Akad Nauk SSSR** 1984;277(3):720–2 **(Rus)**

ANALYSIS

Effect of aging on hydrocortisone-polyethylene glycol 4000 and hydrocortisone-polyvinylpyrrolidone dispersions. Hajratwala BR, et al. **J Pharm Sci** 1984 Nov;73(11):1539–41

DIAGNOSTIC USE

Further studies on the lymphocyte transformation test in diagnosis of nickel allergy. Effect of fractionation of lymphocytes into different subpopulations on the basis of density. Nordlind K. **Int Arch Allergy Appl Immunol** 1984; 75(4):333–6

IMMUNOLOGY

Regulation of IgG memory responses by helper and suppressor T cells activated by the type 2 antigen, polyvinylpyrrolidone. Braley-Mullen H. **J Exp Med** 1985 Jun 1;161(6):1357–67

The influence of phase shift in the light-dark cycle on humoral immune responses of mice to sheep red blood cells and polyvinylpyrrolidone. Hayashi O, et al. **J Immunol** 1985 Mar;134(3):1455–61

METABOLISM

Safety assessment and biodistribution of povidone as a coating material for cardiac pacing leads. Jay M, et al. **Biomater Med Devices Artif Organs** 1983–84;11(4):253–8

PHARMACODYNAMICS

Effect of povidone, povidone-iodine, and iodide on locomotion (in vitro) of neutrophils from people, rats, dogs, and rabbits. Tvedten HW, et al. **Am J Vet Res** 1985 Aug; 46(8):1797-800

Functional studies on in situ-like mitochondria isolated in the presence of polyvinyl pyrrolidone. Wrogemann K, et al. **Biochim Biophys Acta** 1985 Jan 23;806(1):1-8

Studies on fertility control-the formation and antifertility effect of polyvinyl-pyrolidone-gossypol complex. Gu ZW, et al. **Biomater Med Devices Artif Organs** 1984;12(1-2):1-14

Effect of polyvinyl pyrrolidone derivative compound on production of interleukin-1 by monocytes. Khansari N, et al. **Biomed Pharmacother** 1984;38(6):308-11

Anomalous diffusion of erythrocytes in the presence of polyvinylpyrrolidone. Fritz OG Jr. **Biophys J** 1984 Aug; 46(2):219-27

Modulation of RNA transport by polyvinylpyrrolidone. Clawson GA, et al. **Mol Biol Rep** 1984 Dec;10(2):105-7

Reversal of cyclosporine-induced mortality with a synthetic polymeric immunostimulant in a murine model of fecal peritonitis. Moffat FL, et al. **Transplantation** 1985 Apr; 39(4):369-74

[Inhibition of cytotoxic reactivity of HLA-A and B antigens by Percoll] Májský A, et al. **Cas Lek Cesk** 1984 Mar 23; 123(12):358-62 (Eng. Abstr.) (Cze)

THERAPEUTIC USE

Enhanced survival in antibiotic-treated murine fecal peritonitis by administration of copovithane, a selective immunostimulative polymer. Moffat FL, et al. **J Surg Res** 1985 May;38(5):494-500

Comparison of blood serum iodine levels with use of Iodoplex and povidone iodine ointment. Notea E, et al. **J Trauma** 1985 Mar;25(3):247-9

[Polyvinylpyrrolidone iodine and arginase: effect on corneal regeneration and its antiviral effect] Janthur E, et al. **Klin Monatsbl Augenheilkd** 1985 Jan;186(1):25-8 (Eng. Abstr.) **(Ger)**

[Use of enterodes and enterosorb in patients with different pathologies concomitant with severe endotoxicosis] Shimanko II, et al. **Gematol Transfuziol** 1984 Nov; 29(11):31-5 (Eng. Abstr.) **(Rus)**

TOXICITY

Studies of hepatic tolerance of polyvinylpyrrolidone in the rat. Moody-Jones D, et al. **J Hosp Infect** 1985 Mar;6 Suppl A:205-7

Electron microscopic study of intrastromal hydrogel implants in primates. Yamaguchi T, et al. **Ophthalmology** 1984 Oct; 91(10):1170-5

POVIDONE-IODINE see under **POVIDONE**

POWASSAN VIRUS see under **ENCEPHALITIS VIRUSES, TICK-BORNE**

POWDERS

Flow defects in wet powder mass extrusion. Harrison PJ, et al. **J Pharm Pharmacol** 1985 Feb;37(2):81-3

Rheology of pharmaceutical granulations. Schildcrout SA. **J Pharm Pharmacol** 1984 Aug;36(8):502-5

The effect of sinusoidal vibration on the uniformity of packing of powder beds. Woodhead PJ, et al. **J Pharm Pharmacol** 1984 Sep;36(9):573-7

Studies of powder flow using a recording powder flowmeter and measurement of the dynamic angle of repose. Hegde RP, et al. **J Pharm Sci** 1985 Jan;74(1):11-5

Relationship between powder surface characteristics and viscoelastic properties of powder-filled semisolids. Radebaugh GW, et al. **J Pharm Sci** 1985 Jan;74(1):3-10

[Comparison of the kinetics of release of picric acid from 2 different types of homeopathic granules] Dubost JP, et al. **Ann Pharm Fr** 1984;42(4):323-8 (Eng. Abstr.) **(Fre)**

[Studies on moisture protection for powder preparations: effect of heating plate temperature in automatic packaging process on moisture permeation] Takayama A, et al. **Yakugaku Zasshi** 1984 Nov;104(11):1174-80 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Does surgical glove powder increase adhesions in flexor tendon surgery? Jaffray D, et al. **J Hand Surg [Br]** 1985 Feb;10(1):65-6

The effect of surgical glove powder on cleavage of two-cell mouse embryos in an in vitro fertilization programme. Kruger TF, et al. **S Afr Med J** 1985 Feb 16;67(7):241-2

ANALYSIS

Convergent flow analysis in the extrusion of wet powder masses. Harrison PJ, et al. **J Pharm Pharmacol** 1984 Dec; 36(12):796-8

[The influence of various wet granulation procedures on the technological characteristics of powders and tablets] Crimella T, et al. **Boll Chim Farm** 1984 May;123(5):210-22 (Eng. Abstr.) **(Ita)**

POWER PLANTS

A 1949 outbreak of Pontiac fever-like illness in steam condenser cleaners. Armstrong CW, et al. **Arch Environ Health** 1985 Jan-Feb;40(1):26-9

Comparison of radiological risks from coal burning and nuclear power. Cohen BL. **Health Phys** 1985 Mar; 48(3):342-3

Radiological risks: coal vs nuclear [letter] Hickman DP. **Health Phys** 1984 Nov;47(5):792-4

Gamma activity of the fly ash from a Greek power plant and properties of fly-ash cement. Maraziotis EA. **Health Phys** 1985 Aug;49(2):302-3

Environmental effects of natural radionuclides from coal-fired power plants. Nakaoka A, et al. **Health Phys** 1984 Sep;47(3):407-16

Evaluation of radiation dose from a coal-fired power plant. Nakaoka A, et al. **Health Phys** 1985 Feb;48(2):215-20

Comments on 'Coal energy vs nuclear energy: a comparison of the radiological risks' [letter] Okamoto K. **Health Phys** 1984 Nov;47(5):789-92

Nuclear medicine procedures in nuclear power plant employees [letter] Brill DR, et al. **J Nucl Med** 1985 Jul; 26(7):817-8

Airborne radionuclides onto pine needles collected in the vicinity of the nuclear power plant. Watabe T, et al. **J Radiat Res (Tokyo)** 1984 Jun;25(2):140-9

Legionella in power station cooling waters [letter] Bonnell JA, et al. **Lancet** 1985 Aug 10;2(8450):327-8

Isolated power systems [letter] Kermit E. **Med Instrum** 1985 Mar-Apr;19(2):95-6

Thyroid cancer and TMI. Berkheiser SW. **Pa Med** 1985 May; 88(5):50-1

Cancer mortality among workers in a thermoelectric power plant. Cammarano G, et al. **Scand J Work Environ Health** 1984 Aug;10(4):259-61

Health and environmental implications of trace metals released from coal-fired power plants: an assessment study of the situation in the European Community. Sabbioni E, et al. **Sci Total Environ** 1984 Dec;40:141-54

[Studies on the chemical properties of fly ash and coal samples from two Chinese power plants] Wan BJ, et al. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Jul;18(4):223-6 (Eng. Abstr.) **(Chi)**

[Experiences with the inspection of sewage from nuclear power plants as an example for decreasing industrial waste water disposal] Aurand K, et al. **Schriftenr Ver Wasser Boden Lufthyg** 1984;57:39-54 **(Ger)**

[Studies of power plant exhausts] Jander K. **Schriftenr Ver Wasser Boden Lufthyg** 1984;59:105-8 **(Ger)**

[Ventilatory function in a group of workers in a thermoelectric power plant involved in handling coal] Paggiaro PL, et al. **Med Lav** 1984 Sep-Oct;75(5):399-403 (Eng. Abstr.) **(Ita)**

[Effect of emissions in the region of the Stalowa Huta plant and power station on the content of various trace elements of selected vegetables and fruit. II. Lead, cadmium, zinc, copper, nickel and iron content of fruit] Błoniarz J, et al. **Rocz Panstw Zakl Hig** 1984;35(2):119-24 (Eng. Abstr.) **(Pol)**

[Natural radionuclides in the air in areas of industrial pollution] Kvapulin'ski E, et al. **Gig Sanit** 1984 Jul;(7):56-8 **(Rus)**

[Evaluation of the performance reliability of power unit operators by physiological functions] Posokhina SA, et al. **Gig Sanit** 1985 Jun;(6):36-9 (Eng. Abstr.) **(Rus)**

[Hygienic aspects of the growth of industrial complexes in the Kansk-Achinsk fuel and energy complex] Shitskova AP, et al. **Gig Sanit** 1984 Jul;(7):7-9 (Eng. Abstr.) **(Rus)**

[Working conditions and the state of health of miners in coal pits at the Kansk-Achinsk fuel-energy complex] Borisenkova RV, et al. **Gig Tr Prof Zabol** 1984 Dec;(12):1-5 (Eng. Abstr.) **(Rus)**

[Physiological characteristics of the work of the personnel of a power plant in an arid region] Mommadov IM, et al. **Gig Tr Prof Zabol** 1984 Oct;(10):50-1 **(Rus)**

[Occupational stress in operators of energy-generating units in present-day thermal power plants] Navakatikian AO, et al. **Gig Tr Prof Zabol** 1984 Aug;(8):42-6 (Eng. Abstr.) **(Rus)**

[Body function and the work quality of operators of power-generating units during work of varying intensity] Pal'tsev IuP, et al. **Gig Tr Prof Zabol** 1984 Aug;(8):37-42 (Eng. Abstr.) **(Rus)**

STANDARDS

[Health check by CMI (Cornell Medical Index) on radiation workers in a nuclear energy plant] Tsuchiya T, et al. **Sangyo Ika Daigaku Zasshi** 1985 Jun 1;7(2):213-20 (Eng. Abstr.) **(Jpn)**

POWER SOURCES

Esophageal burns from battery ingestion [letter] Langkau JF, et al. **Am J Emerg Med** 1985 May;3(3):265

An economic volt-hour integrator, compatible with commercial and homemade electrophoresis power supplies. Rutschmann M, et al. **Anal Biochem** 1984 Nov 1; 142(2):515-7

Hazards of power supplies. Schaffer HE. **Anal Biochem** 1984 Nov 15;143(1):209-10

A fast NiCd charger, a Wireless World design, capable of charging all common cell types in an hour or so, with a single switch to accommodate batteries of different sizes. Lambley R. **J Audiov Media Med** 1984 Oct;7(4):146-9

Rechargeable batteries--cause for concern [editorial] Brydon J. **J Med Eng Technol** 1985 May-Jun;9(3):105-6

Sine2/triangle/square wave generator for pacemaker testing. Bičík V, et al. **PACE** 1985 Jul;8(4):484-93

A solution to difficult power frequency interference on ECG recordings. Boyd EG. **PACE** 1985 Jan;8(1):17-24

Battery ingestions: product accessibility and clinical course. Litovitz TL. **Pediatrics** 1985 Mar;75(3):469-76

In vivo evaluations of a transcutaneous energy transmission (TET) system. Sherman C, et al. **Trans Am Soc Artif Intern Organs** 1984;30:143-7

[Accidental ingestion of a battery] Steib A, et al. **Ann Fr Anesth Reanim** 1984;3(5):385-7 (Eng. Abstr.) **(Fre)**

[Ingestion of button-batteries by children: the conservative approach] Shoshany G, et al. **Harefuah** 1985 Feb 15; 108(4):183-5 (Eng. Abstr.) **(Heb)**

[Technic for the cancellation of power-line noise in biomagnetic measurements] Kuriki S, et al. **Iyodenshi To Seitai Kogaku** 1984 Jun;22(3):203-5 **(Jpn)**

[Criteria of the adaptive reactions in workers manufacturing alkaline storage batteries] Shustov VIa, et al. **Gig Tr Prof Zabol** 1985 May;(5):44-6 **(Rus)**

ADVERSE EFFECTS

Update on a new home hazard--the disc battery. Cramer R, et al. **Ala J Med Sci** 1984 Oct;21(4):431-2

Button battery ingestion: assessment of therapeutic modalities and battery discharge state. Litovitz T, et al. **J Pediatr** 1984 Dec;105(6):868-73

UTILIZATION

Re-use of pulse generators [letter] Schüller H. **PACE** 1985 Jul;8(4):619-20

POWER SOURCES, BIOELECTRIC see **BIOELECTRIC ENERGY SOURCES**

POXVIRIDAE

The entomopoxviruses. Arif BM. **Adv Virus Res** 1984; 29:195-213 (81 ref.)

Clinical and antigenic relationship between isolates of sheep and goat pox viruses. Kitching RP, et al. **Trop Anim Health Prod** 1985 May;17(2):64-74

ANALYSIS

Monoclonal antibodies to a monkeypox virus polypeptide determinant. Roumillat LF, et al. **J Virol** 1984 Oct; 52(1):290-2

CLASSIFICATION

Methods for comparing sequence data such as restriction endonuclease maps or nucleotide sequences of viral nucleic acid molecules. Gibbs A, et al. **J Virol Methods** 1984 Dec; 9(4):317-24

ENZYMOLOGY

Isolation and characterization of monoclonal antibodies directed against two subunits of rabbit poxvirus-associated, DNA-directed RNA polymerase. Morrison DK, et al. **J Virol** 1985 Sep;55(3):670-80

GENETICS

Analysis of parapoxvirus genomes. Gassmann U, et al. **Arch Virol** 1985;83(1-2):17-31

Comparison of contagious ecthyma virus genomes by restriction endonucleases. Rafii F, et al. **Arch Virol** 1985; 84(3-4):283-9

Multiple-cloning-site plasmids for the rapid construction of recombinant poxviruses. Boyle DB, et al. **Gene** 1985; 35(1-2):169-77

Intracellular location of rabbit poxvirus nucleic acid within infected cells as determined by in situ hybridization. Minnigan H, et al. **J Virol** 1985 Sep;55(3):634-43

Spontaneous deletions and duplications of sequences in the genome of cowpox virus. Pickup DJ, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6817-21

Tumorigenic poxviruses: genomic organization of malignant rabbit virus, a recombinant between Shope fibroma virus and myxoma virus. Block W, et al. **Virology** 1985 Jan 15; 140(1):113-24

The detection of subtle differences between different orthopoxvirus genomes by heteroduplex analysis. Kinchington D, et al. **Virus Res** 1984;1(5):351-63

GROWTH & DEVELOPMENT

Cultivation of buffalo pox virus in pup kidney cell culture [letter] Singh IP, et al. **Acta Virol (Praha)** 1984 Jul;28(4):344

Morphogenesis of canary poxvirus and its entrance into inclusion bodies. Sadasiv EC, et al. **Am J Vet Res** 1985 Feb;46(2):529-35

Comparative studies on cultivation of buffalo pox virus in pup kidney and chicken embryo fibroblast cell culture. Chandra R, et al. **Indian J Exp Biol** 1984 Sep;22(9):507-8

Susceptibility of various cell culture systems to sheep pox virus strains. Das SK, et al. **Indian J Exp Biol** 1984 Apr; 22(4):205-8

In vitro growth of two related leporipoxviruses in lymphoid cells. Strayer DS, et al. **Virology** 1985 Sep;145(2):330-4

IMMUNOLOGY

Antigenic relationships among sheep pox, goat pox and contagious pustular dermatitis viruses. Subba Rao MV, et al. **Acta Virol (Praha)** 1984 Sep;28(5):380-7

Avian pox: infection and immunity with quail, psittacine, fowl, and pigeon pox viruses. Winterfield RW, et al. **Poult Sci** 1985 Jan;64(1):65-70

Progress towards sheep and goat pox vaccines. Kitching P. **Vaccine** 1983 Dec;1(1):4-9 (71 ref.)

Effect of passively-acquired antibodies and vaccination on the immune response to contagious ecthyma virus. Buddle BM, et al. **Vet Microbiol** 1984 Oct;9(6):515-22

[Experimental study of postvaccinal immunity to sheep-pox] Fassi-Fehri M, et al. **Ann Rech Vet** 1984;15(1):59-64 (Eng. Abstr.) **(Fre)**

ISOLATION & PURIFICATION

On contagious ecthyma and its treatment in muskoxen (Ovibos moschatus). Mathiesen SD, et al. **Acta Vet Scand** 1985;26(1):120-6

Poxvirus infection of the Manx shearwater (Puffinus puffinus). Nuttall PA, et al. **J Wildl Dis** 1985 Apr; 21(2):120-4

First isolation of bovine stomatitis papulosa virus in Israel [letter] Abraham A, et al. **Vet Rec** 1985 Apr 6;116(14):379

METABOLISM

Arginine metabolism in infected cell cultures as a marker character for the differentiation of orthopoxviruses. Osborn JG, et al. **J Hyg (Lond)** 1984 Oct;93(2):213-23

ULTRASTRUCTURE

An electron microscopic study of virus fixed in phosphate-buffered formalin for extended periods. Takagi I, et al. **J Electron Microsc (Tokyo)** 1984;33(4):405-6

POXVIRUS INFECTIONS

DIAGNOSIS

Fatal monkeypox in a child in Kikwit, Zaire. Janseghers L, et al. **Ann Soc Belg Med Trop** 1984 Sep;64(3):295-8

ETIOLOGY

[Mastitis--Leptospira hardjo--milker's fever] Snoep JJ. **Tijdschr Diergeneeskd** 1985 Feb 15;110(4):150-1 **(Dut)**

FAMILIAL & GENETIC

Genetic determinants of resistance to ectromelia (mousepox) virus-induced mortality. Wallace GD, et al. **J Virol** 1985 Sep;55(3):890-1

MICROBIOLOGY

Human monkeypox: a newly emerged orthopoxvirus zoonosis in the tropical rain forests of Africa. Arita I, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):781-9

Intracellular location of rabbit poxvirus nucleic acid within infected cells as determined by in situ hybridization. Minnigan H, et al. **J Virol** 1985 Sep;55(3):634-43

OCCURRENCE

The current status of human monkeypox: memorandum from a WHO meeting. **Bull WHO** 1984;62(5):703-13

Human monkeypox: the past five years. **WHO Chron** 1984; 38(5):227-9

[Monkey pox virus infection in humans in the Central African Republic] Khodakevich L, et al. **Bull Soc Pathol Exot Filiales** 1985;78(3):311-20 (Eng. Abstr.) **(Fre)**

[Monkey pox virus diseases in humans] Kitamura T. **Uirusu** 1984 Dec;34(2):89-97 (17 ref.) **(Jpn)**

PATHOLOGY

Electron microscopy after direct ultracentrifugation. Jansons J, et al. **Pathology** 1985 Jan;17(1):29-30

The histopathology and electron microscopy of a human monkeypox lesion. Stagles MJ, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):192-202

PREVENTION & CONTROL

[Depression of protective mechanisms against ectromelia virus infection in tumor-bearing mice and its prevention by PSK] Taniguchi M, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 2):2760-5 (Eng. Abstr.) **(Jpn)**

TRANSMISSION

Kinetics of ectromelia virus (mousepox) transmission and clinical response in C57BL/6j, BALB/cByj and AKR/J inbred mice. Wallace GD, et al. **Lab Anim Sci** 1985 Feb; 35(1):41-6

VETERINARY

Poxvirus in marsupial skin lesions. Rothwell TL, et al. **Aust Vet J** 1984 Dec;61(12):409-10

Counter-immunoelectrophoresis for rapid diagnosis of sheep pox. Chand P, et al. **Br Vet J** 1985 Mar-Apr;141(2):124-8

A Yaba-like condition in a young baboon (Papio anubis). Whittaker D, et al. **Lab Anim** 1985 Jul;19(3):177-9

Diagnostic exercise: subcutaneous nodules in rhesus monkeys. Spencer AJ. **Lab Anim Sci** 1985 Feb;35(1):79-80

Kinetics of ectromelia virus (mousepox) transmission and clinical response in C57BL/6j, BALB/cByj and AKR/J inbred mice. Wallace GD, et al. **Lab Anim Sci** 1985 Feb; 35(1):41-6

The fine structure of cytoplasmic and intranuclear inclusions of seal pox. Okada K, et al. **Nippon Juigaku Zasshi** 1984 Jun;46(3):401-4

Clinical and antigenic relationship between isolates of sheep and goat pox viruses. Kitching RP, et al. **Trop Anim Health Prod** 1985 May;17(2):64-74

Progress towards sheep and goat pox vaccines. Kitching P. **Vaccine** 1983 Dec;1(1):4-9 (71 ref.)

First isolation of bovine stomatitis papulosa virus in Israel [letter] Abraham A, et al. **Vet Rec** 1985 Apr 6;116(14):379

[Experimental study of postvaccinal immunity to sheep-pox] Fassi-Fehri M, et al. **Ann Rech Vet** 1984;15(1):59-64 (Eng. Abstr.) **(Fre)**

POXVIRUS MURIS see **ECTROMELIA VIRUS**

POXVIRUS MYXOMATIS see **MYXOMA VIRUS**

POXVIRUS OFFICINALE see **VACCINIA VIRUS**

POXVIRUS VARIOLAE see **SMALLPOX VIRUS**

PPLO see **MYCOPLASMA**

PRACTICE (PSYCHOLOGY)

Development of differences in response latencies to right and left visual fields. Stillman R, et al. **Brain Cogn** 1984 Jul; 3(3):335-42

Attentional deficits of learning-disabled children: effects of rewards and practice. Kistner JA. **J Abnorm Child Psychol** 1985 Mar;13(1):19-31

Memory and rehearsal characteristics of profoundly deaf children. Bebko JM. **J Exp Child Psychol** 1984 Dec; 38(3):415-28

Effects of repetition on short-term retention of order information. Cunningham TF, et al. **J Exp Psychol [Learn Mem Cogn]** 1984 Oct;10(4):575-97

Practice variability and children's motor behavior. Clifton MA. **Percept Mot Skills** 1985 Apr;60(2):471-6

Effect of practice of correct symbol reversals on reading achievement by first-grade children. Heydorn BL. **Percept Mot Skills** 1985 Apr;60(2):509-10

Effects of presentation schedule on retention and prototype formation for kinesthetically presented figures. Lee TD. **Percept Mot Skills** 1985 Apr;60(2):639-43

Compliance with homework to employ self-instructions in controlling ice water pain: an analogue to counseling. Martin GA, et al. **Percept Mot Skills** 1985 Jun;60(3):796-8

Development of movement schema in young children. Williams HG, et al. **Percept Mot Skills** 1985 Apr; 60(2):403-10

Effects of mental practice on balance in elderly women. Fansler CL, et al. **Phys Ther** 1985 Sep;65(9):1332-8

Effects of varying the practice stimuli on clinical hypothesis-formation. Fuqua DR, et al. **Psychol Rep** 1984 Dec:55(3):999-1002

PRACTICE MANAGEMENT, DENTAL

A discussion of tasks that can be performed by a computerized orthodontic office management system. Graham W. **Am J Orthod** 1984 Feb;85(2):135-40

Delegation of expanded functions to dental assistants and hygienists. Chapko MK, et al. **Am J Public Health** 1985 Jan;75(1):61-5

Evaluation of two dental practice management programs. Andersen RK. **Can Dent Assoc J** 1985 Mar;51(3):191-7

Overview of dental practice management software including criteria for selection. Andersen RK. **Can Dent Assoc J** 1984 Sep;50(9):689-94

Research: the key to successfully marketing your practice. Feller SJ. **Can Dent Assoc J** 1984 Oct;50(10):745-6

Functional scheduling. Maximizing the role of the appointment book. Shaw WF. **Can Dent Assoc J** 1985 May; 51(5):354-5

Computers and the dentist. Veldman A, et al. **Can Dent Assoc J** 1985 Jan;51(1):27-8

Computers and the dentist. Operating systems. Veldman A, et al. **Can Dent Assoc J** 1985 May;51(5):346

Computers and the dentist. Evaluating a computer system. Veldman AL, et al. **Can Dent Assoc J** 1984 Oct; 50(10):750-1

Employment in dental offices. Another perspective on practice-busyness. Waldman HB. **J Am Coll Dent** 1984 Winter;51(4):9-13

ADOSI. The inside story. ADA's entry into the computer systems market. **J Am Dent Assoc** 1985 May;110(5):678-86

A guide to the dental equipment marketplace. **J Am Dent Assoc** 1985 Jun;110(6):881-890

Practice management instruction in North American dental schools 1983-84. Abbott LJ, et al. **J Dent Educ** 1984 Dec; 48(12):674-78

The effects of continuing education in dental practice management. Chapko MK, et al. **J Dent Educ** 1984 Dec; 48(12):659-64

Computer groupies. Candell SR. **NY J Dent** 1985 Jun-Aug; 55(5):176-7

Answering questions about computers. Gerber IA. **NY J Dent** 1985 Jun-Aug;55(5):165-6

Getting married to a computer. Goldstein TR. **NY J Dent** 1985 Jun-Aug;55(5):171-2

Should I buy a computer for my office? Leong R. **NY J Dent** 1985 Jun-Aug;55(5):169-70

Business computers for dentists. Nathan P. **NY J Dent** 1985 Jun-Aug;55(5):167-8

ECONOMICS

Real estate. Purchasing a building--how to make it possible. McEwan D. **Can Dent Assoc J** 1984 Sep;50(9):697-8

Real estate. Buying vs leasing. McEwan D. **Can Dent Assoc J** 1984 Aug;50(8):619-20

Taxation and real estate. McEwan D. **Can Dent Assoc J** 1984 Nov;50(11):818-20

Practicing at home. Tax concerns. Newman J. **Can Dent Assoc J** 1984 Oct;50(10):747-8

Report of quarterly survey of dental practice: gross income report. Bureau of Economic and Behavioral Research. **J Am Dent Assoc** 1985 Jun;110(6):973-4

A realistic approach to locating dental practices. Barron EG, et al. **J Am Dent Assoc** 1984 Dec;109(6):903-8

Determining the value of your practice: a realistic approach. Jackson JB, et al. **J Am Dent Assoc** 1984 Sep;109(3):402-12

'Busyness' vs. business: a crucial question for your future practice. Clemens A. **NY J Dent** 1984 Dec;54(8):379-81

Cost-effectiveness of a computer purchase. Hopp DE. **NY J Dent** 1985 Jun-Aug;55(5):173-4

Valuation of a practice. Mastracchio NJ Jr. **NY State Dent J** 1985 Mar;51(3):156-7

STANDARDS

Inside OPD. New York State Office of Professional Discipline. Wood WL Jr, et al. **NY State Dent J** 1984 Nov; 50(9):588, 590, 592

TRENDS

[Number of dental offices and practicing dentists in Switzerland in 1962, 1971 and 1979 together with the outlook for 1992] Marthaler TM, et al. **Schweiz Monatsschr Zahnmed** 1984 Nov;94(11):1156-67 (Eng. Abstr.) **(Ger)**

[Status of conversion of ergonomic requirements in the dentistry work environment] Götzel F, et al. **Z Arztl Fortbild (Jena)** 1985;79(1):35-9 **(Ger)**

PRACTICE MANAGEMENT, MEDICAL

Computers in the medical office: the revolution continues. Tolos PC. **Bol Asoc Med PR** 1984 Nov;76(11):482-3

Effect of computer use in the consultation on the delivery of care. Brownbridge G, et al. **Br Med J [Clin Res]** 1985 Sep 7;291(6496):639-42

Maintaining the accuracy of a computer practice register: household index. Difford F, et al. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):519-21

Computerizing the medical office. Bailey S. **Can Med Assoc J** 1985 Aug 1;133(3):221-4

OMA's computerized billing system benefitting physicians. Stoddart E. **Can Med Assoc J** 1985 Aug 1;133(3):228-30

Contracting questions for physicians: alternative delivery systems. **Indiana Med** 1985 Jan;78(1):49-50

Competition in the marketplace of medical care. Allen LE. **Indiana Med** 1985 Jan;78(1):46-8

Marketing and your 4 PR pressure points. Riggs L, et al. **Indiana Med** 1985 Feb;78(2):144-6

Computers and your practice--can you really use one? Abbey D, et al. **Iowa Med** 1985 Feb;75(2):53-5

Is it time for a computer in your practice? V. How to evaluate if a computer is appropriate for your practice. Rigel DS. **J Dermatol Surg Oncol** 1985 Mar;11(3):215-6

A case study in management: the patient complaint. Taliaferro E. **J Emerg Med** 1983;1(2):151-3

Malpractice risk and patient relations. Sommers PA. **J Fam Pract** 1985 Mar;20(3):299-301

Computer support for management decision making in family practice. Taylor TR. **J Fam Pract** 1984 Oct;19(4):567-70

Automating your practice. Brown B, et al. **J Med Assoc Ga** 1985 May;74(5):294-301

The computer as a medical tool. McClatchey WM. **J Med Assoc Ga** 1985 May;74(5):290-1

Practice mode and payment method. Effects on use, costs, quality, and access. Hornbrook MC, et al. **Med Care** 1985 May;23(5):484-511 (90 ref.)

What every physician should know about contracts. Marr J. **Mich Med** 1984 Dec;83(58):686-90, 694

Physician contracting. De Witt LW. **Minn Med** 1984 Nov; 67(11):647-9

A checklist of practice marketing ideas. Beck LC, et al. **NC Med J** 1985 Jun;46(6):345-7

Solo, partnership or corporation: which practice is best for you? Edwards KS. **Ohio State Med J** 1984 Dec; 80(12):835-7

PACO. Three years old, and still growing. Edwards KS. **Ohio State Med J** 1984 Dec;80(12):853-4

Marketing medical practice begins internally. Beck LC, et al. **Pa Med** 1985 May;88(5):32

Fifteen steps simplify effective scheduling. Pierce A, et al. **Pa Med** 1985 Mar;88(3):33-4

Market research in medical practice. A case study of one practice's site survey. Solberg LI, et al. **Postgrad Med** 1985 Mar;77(4):317-9, 322, 326-7

The role of the receptionist in general practice: a 'dragon behind the desk'? Arber S, et al. **Soc Sci Med** 1985; 20(9):911-21

Retired. Return to sender. Lynch JP. **Va Med** 1985 Feb; 112(2):102-3

The franchise operation. **Vet Rec** 1985 Mar 9;116(10):252-3

A practical approach to establishing a practice. Hicks N. **Vet Rec** 1985 Feb 2;116(5):116-8

[What can be expected from computers in the ORL practitioner's office?] Despons JL. **Rev Laryngol Otol Rhinol (Bord)** 1985;106(3):147-9 (Eng. Abstr.) **(Fre)**

[Computer management of patients] Leowski S. **Rev Laryngol Otol Rhinol (Bord)** 1985;106(3):151-7 (Eng. Abstr.) **(Fre)**

[Improvement of work organization and information flow in medical practice. Proposal of a solution for communication problems between physician, physician's assistant and patient] Siegrist J. **Fortschr Med** 1985 Jul 25; 103(27-28):suppl 55-7 **(Ger)**

[Starting a physician's practice] Pranschke-Schade S, et al. **Unfallchirurgie** 1985 Feb;11(1):43-5 **(Ger)**

ECONOMICS

Private practice--7. Hepburn PF. **Br J Hosp Med** 1985 Mar; 33(3):173-6

Your accounts. Private practice--3. Hepburn PF. **Br J Hosp Med** 1984 Nov;32(5):272, 274

Your accounts. Private practice--6. Hepburn PF. **Br J Hosp Med** 1985 Feb;33(2):115-6

Income from private medical practice in Australia: a comment [letter] Hall J, et al. **Community Health Stud** 1985; 9(1):69-70

Physician practice patterns under hospital rate-setting programs. Zuckerman S, et al. **JAMA** 1984 Nov 9; 252(18):2589-92

The top-heavy plan rules: what will they do to your retirement plan? Rogers WR Jr, et al. **NC Med J** 1985 Jan;46(1):37-40

The pros and cons of marketing. Edwards KS. **Ohio State Med J** 1984 Nov;80(11):793-5

Putting a pricetag on a practice: a look at both sides. Valancy J. **Ohio State Med J** 1984 Oct;80(10):726-7

Economic realities change practice expansion. Kropiewnicki ME, et al. **Penn Med** 1984 Nov;87(11):36, 38, 40 passim

LEGISLATION & JURISPRUDENCE

An antitrust primer for physicians. Anders GT, et al. **Conn Med** 1985 Feb;49(2):120-2

STANDARDS

Peer assessment [letter] Reich CJ. **Can Med Assoc J** 1985 Jan 15;132(2):93

TRENDS

How your practice can cope with change. Beck LC, et al. **Ala Med** 1985 Jun;54(12):10, 13-5, 18

The physician as an entrepreneur. Sloane DL. **Bull NY Acad Med** 1985 Jan-Feb;61(1):37-44

How your practice can cope with change. Medical practice management. Beck LC, et al. **Indiana Med** 1985 Apr; 78(4):325-8

The corporate transformation of medicine in Minnesota: the struggle by independent physicians for a place in the twin cities market. Sixth in a series. Reece RL. **Minn Med** 1984 Sep;67(9):473-80

Megacorporate health care. A choice for the future. Freedman SA. **N Engl J Med** 1985 Feb 28;312(9):579-82

How your practice can cope with change. Beck LC, et al. **Pa Med** 1985 Jan;88(1):20-4

Marketing--what does it mean to physicians? Sweeney DR, et al. **Penn Med** 1984 Dec;87(12):78

Future work conditions for physicians: implications for medical education. Arthur RJ, et al. **Pharos** 1984 Summer; 47(3):12-5

Planning for the future in general practice. Leverton T. **Practitioner** 1984 Dec;228(1398):1127-8, 1130, 1132

PRACTOLOL

ANALOGS & DERIVATIVES

Effects of prenalterol and volume loading with dextran on haemodynamics and oxygen consumption in dogs during high epidural block with special reference to the splanchnic region. Greitz T, et al. **Acta Anaesthesiol Scand** 1985 Jan; 29(1):37-44

Prenalterol as long-term therapy for chronic congestive heart failure. A randomized cross-over trial. Dahlström U, et al. **Acta Med Scand** 1984;216(2):199-207

Prenalterol in symptomatic sinus node dysfunction. Feleke E, et al. **Am Heart J** 1985 Jan;109(1):185-7

Are the clinical benefits of oral prenalterol in ischaemic heart failure due to beta blockade? A six month randomised double blind comparison with placebo. Glover DR, et al. **Br Heart J** 1985 Feb;53(2):208-15

Influence of heart rate on the effects of prenalterol on regional myocardial blood flow and function during coronary stenosis in dogs. Berdeaux A, et al. **Br J Pharmacol** 1984 Sep;83(1):203-10

Alternatives to digitalis glycosides for heart failure [letter] Wathen CG, et al. **Br Med J [Clin Res]** 1985 May 4; 290(6478):1352-3

Mechanisms of supersensitivity to sympathomimetic amines in the chronically denervated heart of the conscious dog. Vatner DE, et al. **Circ Res** 1985 Jul;57(1):55-64

Decrease in beta-receptor density explaining the development of pindolol- and prenalterol-tolerance in orthostatic hypotension. Andersen EB, et al. **Dan Med Bull** 1985 Jun;32(3):194-6

Effects of beta-adrenoceptor stimulation on rectosigmoid motility in man. Lyrenäs E, et al. **Dig Dis Sci** 1985 Jun; 30(6):536-40

Influence of long-term beta receptor stimulation with prenalterol on intrinsic heart rate in rats. Nylander E, et al. **Eur J Applied Physiol** 1984;53(1):48-52

Dose-response relationship in normal subjects of prenalterol, a beta-adrenergic agonist with positive inotropic and resistance lowering effects. Rasmussen S, et al. **Eur J Clin Pharmacol** 1984;27(5):539-43

Pharmacokinetics and plasma-concentration-effect relationships of prenalterol in cardiac failure. Sainsbury EJ, et al. **Eur J Clin Pharmacol** 1985;28(4):397-403

Urological aspects of the Shy-Drager syndrome: a urodynamic and telemetric investigation. Incontinence treatment by electrical pacemaker and prenalterol. Vereecken RL, et al. **Eur Urol** 1985;11(1):65-8

Prenalterol as a diagnostic test in patients with pseudoischaemic T waves. Capucci A, et al. **Int J Clin Pharmacol Res** 1984;4(3):185-94

Ventilatory effects of selective beta 1-(prenalterol) or beta 2-(salbutamol) adrenoceptor agonism in man. Sorbini CA, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Oct; 22(10):570-5

Prenalterol: a partial beta 1-adrenoceptor agonist or a beta-blocker with intrinsic activity? Wirtzfeld A, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jan;23(1):20-7

The measurement of the relative efficacy of agonists by selective potentiation of tissue responses: studies with isoprenaline and prenalterol in cardiac tissue. Kenakin TP, et al. **J Auton Pharmacol** 1984 Sep;4(3):153-9

Role of cyclic AMP in cardiac beta-adrenoceptor desensitization: studies using prenalterol and inhibitors of phosphodiesterase. Bobik A, et al. **J Cardiovasc Pharmacol** 1984 Sep-Oct;6(5):795-801

Effect of prenalterol on contractility, relaxation, and filling phase in coronary artery disease patients with previous myocardial infarction. Cucchini F, et al. **J Cardiovasc Pharmacol** 1984 Sep-Oct;6(5):822-8

Prenalterol as a selective cardiostimulant: differences between organ and receptor selectivity. Kenakin TP. **J Cardiovasc Pharmacol** 1985 Jan-Feb;7(1):208-10

Hemodynamic and myocardial metabolic effects of the beta-agonist prenalterol in ischemic left ventricular dysfunction. Kirlin PC, et al. **J Cardiovasc Pharmacol** 1984 Sep-Oct;6(5):852-8

[Chronic therapy of congestive cardiomyopathy: effects of prenalterol and digoxin] Schwarz KR, et al. **Z Kardiol** 1985 Jul;74(7):374-83 (Eng. Abstr.) **(Ger)**

METABOLISM

Practolol and its metabolites: tissue localization and retention in the hamster. Rosenbaum SE, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):485-90

PHARMACODYNAMICS

Effects of practolol and metoprolol on QT interval, heart rate and arterial pressure during induction of anaesthesia. Saarnivaara L, et al. **Acta Anaesthesiol Scand** 1984 Dec; 28(6):644-8

Effect of propranolol, practolol and atenolol on human platelet thromboxane formation and plasma levels of prostaglandins 6-keto-F1 alpha and E2. Brandt R, et al. **Prostaglandins Leukotrienes Med** 1984 Nov;16(2):191-203

THERAPEUTIC USE

Cardiac dysrhythmias during outpatient dental anaesthesia with enflurane. The role of 'beta blockade'. Rollason WN, et al. **Acta Anaesthesiol Scand** 1984 Oct;28(5):497-502

Very early intervention with beta-blockade in acute myocardial infarction [letter] Walsh MJ, et al. **Eur Heart J** 1984 Sep;5(9):771

PRADER-WILLI SYNDROME

COMPLICATIONS

Leukaemia and the Prader-Willi syndrome [letter] Hall BD. **Lancet** 1985 Jan 5;1(8419):46

FAMILIAL & GENETIC

Unbalanced translocation (15;17)(q13;13.3) with apparent Prader-Willi syndrome but without Miller-Dieker syndrome. Elder FF, et al. **Am J Med Genet** 1985 Mar; 20(3):519-24

Deletions of proximal 15q and non-classical Prader-Willi syndrome phenotypes. Schwartz S, et al. **Am J Med Genet** 1985 Feb;20(2):255-63

Duplication in chromosome 15q in a boy with the Prader-Willi syndrome; further cytogenetic confusion. de France HF, et al. **Clin Genet** 1984 Oct;26(4):379-82

Abnormal chromosome in Prader-Willi syndrome. Goh K, et al. **Clin Genet** 1984 Dec;26(6):597-601

Cytogenetics of Prader-Willi syndrome. Hoo JJ. **Clin Genet** 1984 Dec;26(6):602-7

Chromosome 15 in Prader-Willi syndrome. Fear CN, et al. **Dev Med Child Neurol** 1985 Jun;27(3):305-11

Clinical and cytogenetic studies of the Prader-Willi syndrome: evidence of phenotype-karyotype correlation. Niikawa N, et al. **Hum Genet** 1985;69(1):22-7

Dermatoglyphic analyses of 32 parents of Prader-Willi syndrome individuals. Smith A, et al. **J Ment Defic Res** 1984 Dec;28 (Pt 4):275-80

[Infant hypotonia, obesity, hypogenitalism and oligophrenia--new viewpoints on the etiology and symptoms of Prader-Willi syndrome] Witkowski R, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 May; 37(5):255-61 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Sleep in the Prader-Willi syndrome [letter] Spielman AJ, et al. **Arch Neurol** 1985 Feb;42(2):110

The nutrition and growth over a 10 month period of an infant with the Prader-Willi syndrome. Morgan JB, et al. **Hum Nutr Appl Nutr** 1984 Aug;38(4):304-7

PSYCHOLOGY

Type and strength of food preferences of individuals with Prader-Willi syndrome. Taylor RL, et al. **J Ment Defic Res** 1985 Mar;29 (Pt 1):109-12

RADIOGRAPHY

Metacarpophalangeal pattern profile analysis in Prader-Willi syndrome. A follow-up report on 38 cases. Butler MG, et al. **Clin Genet** 1985 Jul;28(1):27-30

PRAJMALINE see under **AJMALINE**

PRALIDOXIME COMPOUNDS

METABOLISM

Competitive binding of the oximes HI-6 and 2-PAM with regional brain muscarinic receptors. Valdes JJ, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2815-8

PHARMACODYNAMICS

The influence of pralidoxime mesylate on the measurement of cyanide concentrations in solutions. Ballantyne B. **Vet Hum Toxicol** 1984;26 Suppl 2:23-7

[Effects of organophosphorus compounds and PAM on cholinesterase activity in rat tissues] Yamanaka S, et al. **Nippon Eiseigaku Zasshi** 1984 Dec;39(5):795-806 (Eng. Abstr.) **(Jpn)**

[Neurophysiologic study of the effect of 2PAM-Cl on the neuromuscular junction] Stamenović BA. **Vojnosanit Pregl** 1984 Sep-Oct;41(5):326-35 (Eng. Abstr.) **(Scr)**

THERAPEUTIC USE

Acute malathion toxicosis and related enzymatic alterations in Bubalus bubalis: antidotal treatment with atropine, 2-PAM, and diazepam. Gupta RC. **J Toxicol Environ Health** 1984;14(2-3):291-303

PRAOMYS see **MURIDAE**

PRASTERON see **DEHYDROEPIANDROSTERONE**

PRAZEPAM

ADMINISTRATION & DOSAGE

Ranitidine versus ranitidine and prazepam in the short-term treatment of duodenal ulcer--a double-blind controlled trial. Hüscher C, et al. **Eur J Clin Pharmacol** 1985; 28(2):177-80

[Treatment of anxiety with prazepam, 40 mg. A controlled study versus lorazepam] Danion JM, et al. **Encephale** 1984; 10(3):135-8 (Eng. Abstr.) **(Fre)**

BLOOD

Plasma concentrations and clinical effects after single oral doses of prazepam, clorazepate, and diazepam. Shader RI, et al. **J Clin Psychiatry** 1984 Oct;45(10):411-3

METABOLISM

Comparative single-dose kinetics of oxazolam, prazepam, and clorazepate: three precursors of desmethyldiazepam. Ochs

HR, et al. **J Clin Pharmacol** 1984 Oct;24(10):446-51

THERAPEUTIC USE

Duration of benzodiazepine clinical activity: lack of direct relationship with plasma half-life. A comparison of single vs divided dosage schedules of prazepam. Ansseau M, et al. **Psychopharmacology (Berlin)** 1984;84(3):293-8

[Clinical trial of the anti-anxiety of prazepam in dental outpatients] Debernardi G, et al. **Minerva Stomatol** 1984 Sep-Oct;33(5):861-7 (Eng. Abstr.) **(Ita)**

PRAZIQUANTEL see under **ISOQUINOLINES**

PRAZOSIN see under **QUINAZOLINES**

PREALBUMIN

Molecular interactions of toxic chlorinated dibenzo-p-dioxins and dibenzofurans with thyroxine binding prealbumin. McKinney JD, et al. **J Med Chem** 1985 Mar;28(3):375-81

ANALYSIS

Lowered prealbumin levels in patients with familial amyloid polyneuropathy (FAP) and their non-affected but at risk relatives. Skinner M, et al. **Am J Med Sci** 1985 Jan; 289(1):17-21

Immunonephelometric determination of prealbumin in serum of newborns [letter] Odouka J, et al. **Clin Chem** 1985 Mar; 31(3):486-7

Concentrations of transthyretin (prealbumin) and retinol-binding protein in alcoholics during alcohol withdrawal [letter] Staley MJ, et al. **Clin Chem** 1984 Nov; 30(11):1887

Kinetic nephelometric determination of transthyretin and retinol-binding protein in neonatal serum. Gulamali F, et al. **Clin Chim Acta** 1985 Apr 30;147(3):197-204

The amyloid in familial amyloid cardiomyopathy of Danish origin is related to pre-albumin. Husby G, et al. **Clin Exp Immunol** 1985 Apr;60(1):207-16

Variations in plasma thyroxine-binding prealbumin (TBPA) in relation to other circulating proteins in post-operative patients during rapid oral refeeding. Bleiberg-Daniel F, et al. **Hum Nutr Clin Nutr** 1985 Jan;39(1):55-62

Nephelometric measurement of human serum prealbumin and correlation with acute-phase proteins CRP and SAA: results in familial amyloid polyneuropathy. Connors LH, et al. **J Lab Clin Med** 1984 Oct;104(4):538-45

Immunolocalization of prealbumin: distribution in normal human tissue. Liddle CN, et al. **J Pathol** 1985 Jun; 146(2):107-13

Cancer serum index and prostatic acid phosphatase for detection of progressive prostatic cancer. Robey EL, et al. **J Urol** 1985 Oct;134(4):787-90

Serum prealbumin and retinol-binding protein in the prealbumin-related senile and familial forms of systemic amyloidosis. Westermark P, et al. **Lab Invest** 1985 Mar; 52(3):314-8

Diagnostic radioimmunoassay for familial amyloidotic polyneuropathy [letter] Nakazato M, et al. **Lancet** 1984 Dec 1;2(8414):1274-5

Structural characterization of the human albumin variant 'Pollibauer'. Galliano M, et al. **Rev Fr Transfus Immunohematol** 1984 Oct;27(5):597-602

Prealbumin, prekallikrein and prothrombin in hepatosplenic schistosomiasis: increased turnover of the clotting proteins? Manoukian N, et al. **Rev Inst Med Trop Sao Paulo** 1984 Sep-Oct;26(5):237-40

Diagnostic value of prealbumin and retinol-binding protein in acute and chronic liver diseases. Cavanna A, et al. **Ric Clin Lab** 1985 Jan-Mar;15(1):71-7

Concentration of serum prealbumin and retinol-binding proteins during pregnancy. Giacoia GP. **South Med J** 1984 Oct;77(10):1261-3

[Value of prealbumin in the 1st and after the 12th day of life] Erny P, et al. **Arch Fr Pediatr** 1984 Jun-Jul;41(6):395-8 (Eng. Abstr.) **(Fre)**

[Evaluation of maternofetal transport by the determination of serum prealbumin in the mother and newborn infant (letter)] Erny P, et al. **Arch Fr Pediatr** 1984 Aug-Sep; 41(7):517 **(Fre)**

[Prealbumin and the nutritional status of the newborn infant] Ingenbleek Y. **Pediatrie** 1984 Jul-Aug;39(5):399-403 (Eng. Abstr.) **(Fre)**

[Plasma levels of vitamin A and its protein vectors (RBP and PA), carotene, total cholesterol and cholesterol-HDL in patients with dysplasia of the uterine cervix] Audisio M, et al. **Boll Soc Ital Biol Sper** 1985 Feb 28;61(2):295-301 (Eng. Abstr.) **(Ita)**

[Plasma levels of vitamin A and its protein vectors (RBP and PA), carotene, total cholesterol and HDL-cholesterol in healthy adults of the female sex] Audisio M, et al. **Boll Soc Ital Biol Sper** 1985 Feb 28;61(2):287-93 (Eng. Abstr.) **(Ita)**

[Plasma levels of vitamin A and its protein vectors (RBP and PA), carotene, total cholesterol and HDL-cholesterol in patients with carcinoma of the cervix] Audisio M, et al. **Boll Soc Ital Biol Sper** 1985 Feb 28;61(2):303-10 (Eng. Abstr.) **(Ita)**

[Plasma values of vitamin A and its binding proteins (retinol binding proteins and prealbumin), carotene, total cholesterol and HDL-cholesterol in subjects with breast carcinoma] Audisio M, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30;61(3):467-74 (Eng. Abstr.) **(Ita)**

BIOSYNTHESIS

Rates of synthesis of prealbumin and retinol-binding protein during acute inflammation in the rat. Felding P, et al. **Acta Physiol Scand** 1985 Apr;123(4):477-83

Sites of prealbumin production in the human fetus using the indirect immunoperoxidase technique. Gray HD, et al. **Virchows Arch [A]** 1985;406(4):463-73

GENETICS

Family studies of the genetic abnormality in transthyretin (prealbumin) in Portuguese patients with familial amyloidotic polyneuropathy. Saraiva MJ, et al. **Ann NY Acad Sci** 1984;435:86-100

High prealbumin and transferrin mRNA levels in the choroid plexus of rat brain. Dickson PW, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):890-5

A variant prealbumin-related low molecular weight amyloid fibril protein in familial amyloid polyneuropathy of Japanese origin. Kametani F, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):622-8

Cloning and sequence analysis of cDNA for human prealbumin. Mita S, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):558-64

Diagnosis of familial amyloidotic polyneuropathy by recombinant DNA techniques. Sasaki H, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):636-42

Localization of the human prealbumin gene to chromosome 18. Wallace MR, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):753-8

Rat transthyretin (prealbumin). Molecular cloning, nucleotide sequence, and gene expression in liver and brain. Dickson PW, et al. **J Biol Chem** 1985 Jul 5;260(13):8214-9

The primary structure of rabbit and rat prealbumin and a comparison with the tertiary structure of human prealbumin. Sundelin J, et al. **J Biol Chem** 1985 May 25; 260(10):6481-7

Identification of carriers of a variant plasma prealbumin (transthyretin) associated with familial amyloidotic polyneuropathy type I. Benson MD, et al. **J Clin Invest** 1985 Jan;75(1):71-5

ISOLATION & PURIFICATION

A simplified method for the preparation of rat thyroxine-binding prealbumin. Factors influencing its circulating level. Bleiberg F, et al. **Biochim Biophys Acta** 1985 Apr 29;828(3):270-7

Prealbumin in Swedish patients with senile systemic amyloidosis and familial amyloidotic polyneuropathy. Felding P, et al. **Scand J Immunol** 1985 Feb;21(2):133-40

METABOLISM

Transport of thyroxine bound to human prealbumin into rat liver. Pardridge WM, et al. **Am J Physiol** 1985 May;248(5 Pt 1):G545-50

Circulating proalbumin associated with a variant proteinase inhibitor. Brennan SO, et al. **Biochim Biophys Acta** 1984 Nov 6;802(1):24-8

Molecular-mechanical studies of hormone-protein interactions: the interaction of T4 and T3 with prealbumin. Oatley SJ, et al. **Biopolymers** 1984 Dec;23(12):2931-41

A prealbumin variant with an increased affinity for T4 and reverse-T3. Lalloz MR, et al. **Clin Endocrinol (Oxf)** 1984 Oct;21(4):331-8

Thyroid hormone binding in serum of 15 vertebrate species: isolation of thyroxine-binding globulin and prealbumin analogs. Larsson M, et al. **Gen Comp Endocrinol** 1985 Jun; 58(3):360-75

Euthyroid hyperthyroxinemia and thyroxine-binding prealbumin excess in islet cell carcinoma. Rajatanavin R, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):17-21

Studies of human tear proteins. 3. Distribution of specific tear prealbumin in lacrimal glands and other ocular adnexa. Inada K. **Jpn J Ophthalmol** 1984;28(4):315-30

Plasma and cellular retinoid-binding proteins and transthyretin (prealbumin) are all localized in the islets of Langerhans in the rat. Kato M, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2488-92

Presence of an abnormal transthyretin (prealbumin) in Portuguese patients with familial amyloidotic polyneuropathy. Saraiva MJ, et al. **Trans Assoc Am Physicians** 1983;96:261-70

[Course of inflammatory and nutrition proteins in bacterial infections in newborn infants] Sann L, et al. **Pediatrie** 1984 Jul-Aug;39(5):385-93 (Eng. Abstr.) **(Fre)**

[Acute-phase proteins and beta 2 microglobulin in the follow-up of Crohn disease and ulcerative colitis] Bollbach R, et al. **Klin Padiatr** 1985 Mar-Apr;197(2):106-10 (Eng. Abstr.) **(Ger)**

[The nature of thyroid hormone receptors. Intracellular transport and compartmentalization of chromatin receptors and thyroid hormones] Azimova ShS, et al. **Biokhimiia** 1984 Oct;49(10):1640-6 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Decreased fertility and motility of spermatozoa from rats immunized with a prealbumin epididymal-specific glycoprotein. Fournier-Delpech S, et al. **J Androl** 1985 Jul-Aug;6(4):246-50

PREANESTHETIC MEDICATION

A combination of oral diazepam and droperidol for premedication. A double blind comparison with diazepam alone. Goldhill DR, et al. **Acta Anaesthesiol Belg** 1985 Jun; 36(2):53-60

A specific antihistaminic premedication anti H1 anti H2 for pediatric anesthesia. Le Mapihan Y, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:415-22

Metoclopramide given pre-operatively empties the stomach. Adelhøj B, et al. **Acta Anaesthesiol Scand** 1985 Apr; 29(3):322-5

Rectal diazepam compared to intramuscular pethidine/promethazine/chlorpromazine with regard to gastric contents in paediatric anaesthesia. Blom H, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):652-3

The effect of diazepam pretreatment on the succinylcholine-induced rise in intraocular pressure. Fjeldborg P, et al. **Acta Anaesthesiol Scand** 1985 May; 29(4):415-7

Sublingual flunitrazepam for premedication. Hüttel MS, et al. **Acta Anaesthesiol Scand** 1985 Feb;29(2):209-11

Sublingual buprenorphine for premedication and postoperative pain relief in orthopaedic surgery. Risbo A, et al. **Acta Anaesthesiol Scand** 1985 Feb;29(2):180-2

Effects of practolol and metoprolol on QT interval, heart rate and arterial pressure during induction of anaesthesia. Saarnivaara L, et al. **Acta Anaesthesiol Scand** 1984 Dec; 28(6):644-8

Halothane-relaxant anaesthesia in elderly patients. Tokics L, et al. **Acta Anaesthesiol Scand** 1985 Apr;29(3):303-8

Effect of i.v. atropine on cardiac rhythm, heart rate, blood pressure and airway secretion during isoflurane anaesthesia. Valentin N, et al. **Acta Anaesthesiol Scand** 1984 Dec; 28(6):621-4

Visual compatibility of cimetidine hydrochloride with common preoperative injectable medications. Souney PF, et al. **Am J Hosp Pharm** 1984 Sep;41(9):1840-1

Curare before pancuronium [letter] Duffy B. **Anaesth Intensive Care** 1985 Feb;13(1):104

Ranitidine prophylaxis before anaesthesia in early pregnancy. Duffy BL, et al. **Anaesth Intensive Care** 1985 Feb; 13(1):29-32

Atropine and obstetric anesthesia [letter] Hicks JA, et al. **Anaesth Intensive Care** 1985 Feb;13(1):104-5

Suxamethonium pre-treatment [letter] Kelly R. **Anaesth Intensive Care** 1984 Nov;12(4):377-8

Premedication in children [letter] Beeby DG. **Anaesthesia** 1984 Nov;39(11):1152-3

Diazepam premedication in children. Plasma levels and clinical effects. Fell D, et al. **Anaesthesia** 1985 Jan; 40(1):12-7

Diazepam premedication in children [letter] Goldmann L. **Anaesthesia** 1985 Aug;40(8):816-7

Premedication for children [letter] Goold JE. **Anaesthesia** 1984 Oct;39(10):1039-40

Drugs before anaesthesia [editorial] Lumley J. **Anaesthesia** 1984 Nov;39(11):1069-70

Intramuscular midazolam. A comparison of midazolam with papaveretum and hyoscine for intramuscular premedication. McAteer EJ, et al. **Anaesthesia** 1984 Dec; 39(12):1177-82

A comparison of triazolam and diazepam as premedication agents for minor gynaecological surgery. Pinnock CA, et al. **Anaesthesia** 1985 Apr;40(4):324-8

Effect of premedication with controlled-release oral morphine on postoperative pain. A comparison with intramuscular morphine. Slowey HF, et al. **Anaesthesia** 1985 May;40(5):438-40

Temazepam in fast dispensing dosage form as a premedication for children. Smith GB, et al. **Anaesthesia** 1985 Apr; 40(4):368-71

Ranitidine and metoclopramide for prophylaxis of aspiration pneumonitis in elective surgery. Manchikanti L, et al. **Anesth Analg** 1984 Oct;63(10):903-10

Noninvasive assessment by radiotelemetry of antacid effect during labor. O'Sullivan GM, et al. **Anesth Analg** 1985 Feb; 64(2):95-100

Bicitra (sodium citrate) and metoclopramide in outpatient anesthesia for prophylaxis against aspiration pneumonitis. Manchikanti L, et al. **Anesthesiology** 1985 Oct;63(4):378-84

Midazolam: pharmacology and uses. Reves JG, et al. **Anesthesiology** 1985 Mar;62(3):310-24 (143 ref.)

Anti H1- and anti H2-premedication. Doenicke A, et al. **Ann Fr Anesth Reanim** 1985;4(2):214-20

The use of midazolam for intravenous sedation in general dental practice. An open assessment. Rosenbaum NL. **Br Dent J** 1985 Feb 23;158(4):139-40

Comparison of the cognitive effects of premedication with hyoscine and atropine. Anderson S, et al. **Br J Anaesth** 1985 Feb;57(2):169-73

Premedication before day surgery. A double-blind comparison of diazepam and placebo. Jakobsen H, et al. **Br J Anaesth** 1985 Mar;57(3):300-5

Comparison of midazolam, diazepam and placebo i.m. as premedication for regional anaesthesia. A randomized double-blind study. Reinhart K, et al. **Br J Anaesth** 1985 Mar;57(3):294-9

Effect of premedication with diazepam, morphine or nalbuphine on gastrointestinal motility after surgery. Shah M, et al. **Br J Anaesth** 1984 Nov;56(11):1235-8

Effects of the rectal administration of diazepam. Diazepam concentrations in children undergoing general anaesthesia. Sonander H, et al. **Br J Anaesth** 1985 Jun;57(6):578-80

The search for an optimal interval between pretreatment dose of d-tubocurarine and succinylcholine. Horrow JC, et al. **Can Anaesth Soc J** 1984 Sep;31(5):528-33

The use of propranolol in rapid sequence anaesthetic induction: optimal time interval for pretreatment. Safwat AM, et al. **Can Anaesth Soc J** 1984 Nov;31(6):638-41

Oral flunitrazepam in the prevention of local anaesthetic-induced convulsions in mice. Vatashsky E, et al. **Can Anaesth Soc J** 1984 Nov;31(6):646-9

Effects of pre-anaesthetic glycopyrrolate and cimetidine on gastric fluid acidity and volume in children. Manchikanti L, et al. **Eur J Anaesthesiol** 1984 Jun;1(2):123-31

The use of Entonox as a sedation agent for children who have refused operative dentistry [letter] **J Dent** 1984 Sep;12(3):272-5

Double-blind crossover study of the efficacy and acceptability of oxazepam Expidet tablets compared to placebo in patients undergoing gynaecological surgery. Brampton WJ, et al. **J Int Med Res** 1985;13(3):169-73

An evaluation of the amnesic effects of diazepam sedation. Laskin JL, et al. **J Oral Maxillofac Surg** 1984 Nov;42(11):712-6

Premedication: applied clinical pharmacology. Curro FA. **NY State Dent J** 1984 Aug-Sep;50(7):425-7

Conscious sedation in pediatric dentistry. Hills-Smith HL, et al. **NY State Dent J** 1985 Feb;51(2):98-9

Midazolam and diazepam compared as sedatives for outpatient surgery under local analgesia. Barclay JK, et al. **Oral Surg Oral Med Oral Pathol** 1985 Apr;59(4):349-55

Effect of pre-anesthetic medications on serum lipid levels. Sane AS, et al. **Panminerva Med** 1985 Jan-Mar;27(1):45-7

[Intramuscular premedication with midazolam in infants and children] Rochette A, et al. **Ann Fr Anesth Reanim** 1984;3(5):346-50 (Eng. Abstr.) **(Fre)**

[Diazepam and ketamine for voluntary interruptions of pregnancy] Bovyn G. **Cah Anesthesiol** 1982 Dec;30(8):1019-25 **(Fre)**

[Midazolam combined with neuroleptanesthesia as a hypnotic] Cuchet D, et al. **Cah Anesthesiol** 1984 Dec;32(8):661-4 (Eng. Abstr.) **(Fre)**

[Intramuscular premedication with diazepam in a fat emulsion] Faré JC, et al. **Cah Anesthesiol** 1984 May-Jun;32(4):303-6 (Eng. Abstr.) **(Fre)**

[Comparison of the effects of flunitrazepam and diazepam used in premedication] Parraguette J, et al. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):7-9 **(Fre)**

[Axillary block of the brachial plexus and flunitrazepam premedication in surgery of the upper limb (study of 1,500 cases)] Pech C, et al. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):37-40 (Eng. Abstr.) **(Fre)**

[Flunitrazepam by the rectal route as premedication in children] Rosele B, et al. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):17-9 **(Fre)**

[The flunitrazepam-phenoperidine combination in neuroradiology without intubation] Soret J. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):41-5 **(Fre)**

[High dosage thalamonal/rohypnol for premedication (letter)] Höfling S. **Anaesthesist** 1985 May;34(5):261-4 **(Ger)**

[High-dose thalamonal-rohypnol for premedication. A randomized double-blind study] Tolksdorf W, et al. **Anaesthesist** 1984 Oct;33(10):489-92 (Eng. Abstr.) **(Ger)**

[Catheter peridural anesthesia with bupivacaine HC1 and bupivacaine CO2. A comparison and the effects of premedication] Weindler M, et al. **Reg Anaesth** 1984 Oct;7(4):125-30 (Eng. Abstr.) **(Ger)**

[Effect of premedication in general anesthesia on periodic variability of heart rate] Mikoleit J, et al. **Z Gesamte Inn Med** 1985 Feb 15;40(4):122-6 (Eng. Abstr.) **(Ger)**

[The effects of preanesthetic intramuscular ranitidine on the volume of gastric aspirates and the pH in emergency patients] Namiki A, et al. **Masui** 1985 Jun;34(6):805-11 (Eng. Abstr.) **(Jpn)**

[Effect of ranitidine in the premedication of anaesthesia--double-blind comparative study with placebo] Noguchi J, et al. **Masui** 1985 Jan;34(1):71-81 (Eng. Abstr.) **(Jpn)**

[The effects of premedication on urinary catecholamine excretion in the young and elderly patients undergoing surgery] Yasuda S, et al. **Masui** 1985 Apr;34(4):412-4 (Eng. Abstr.) **(Jpn)**

[Effect of preanesthetic medication in general anesthesia on hemodynamics in surgically treated patients with ischemic heart disease] Golański R, et al. **Pol Tyg Lek** 1985 Apr 22;40(16):457-8 (Eng. Abstr.) **(Pol)**

[Effectiveness of combined anesthesia using drip infusion of ketamine during abdominal surgery] Grinenko TF, et al. **Anesteziol Reanimatol** 1985 Jan-Feb;(1):44-7 (Eng. Abstr.) **(Rus)**

[Anesthesia in patients with ischemic heart disease during non-cardiac operations] Minkovich LL. **Anesteziol Reanimatol** 1984 Nov-Dec;(6):70-2 (44 ref.) **(Rus)**

[Endorphinergic repercussions of anesthetic premedication] Miralles FS, et al. **Rev Esp Anestesiol Reanim** 1984 Nov-Dec;31(6):229-30 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Precurarization inhibits maximal ventilatory effort. Bruce DL, et al. **Anesthesiology** 1984 Nov;61(5):618-21

Respiratory depression following orally administered flunitrazepam for preanesthetic medication in children. Forster A, et al. **Anesthesiology** 1984 Nov;61(5):597-601

Nisentil-induced respiratory arrest: report of case. Finder RL, et al. **ASDC J Dent Child** 1985 Jan-Feb;52(1):59-61

Anaphylactoid reaction to Diazemuls [letter] Brøgger Nielsen F. **Br J Anaesth** 1984 Oct;56(10):1179

Adverse cardiovascular response to oral trimeprazine in children. Loan WB, et al. **Br Med J [Clin Res]** 1985 May 25;290(6481):1548-9

[Prevention of anesthetic anaphylactoid reactions (Nancy, 28-29 September 1984)] **Ann Fr Anesth Reanim** 1985;4(2):99-232 **(Fre)**

METHODS

A new system of infiltration anesthesia and sedation for plastic surgery. Buffington CW, et al. **Plast Reconstr Surg** 1984 Nov;74(5):671-82

[Importance of the ketamine-flunitrazepam combination in elective abortion] Cordebar R. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):59-63 **(Fre)**

[Comparison of the efficacy of flunitrazepam as premedication in pediatric anesthesia, according to the route of administration (intramuscular, intrarectal)] Emperaire N, et al. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):11-5 **(Fre)**

[Premedication by rectal route. Comparative study of 3 dosages of flunitrazepam] Estève C, et al. **Cah Anesthesiol** 1984 Sep;32(5):369-72 **(Fre)**

[Premedication in local anesthesia] Honegger H, et al. **Fortschr Ophthalmol** 1984;81(3):234-7 (Eng. Abstr.) **(Ger)**

STANDARDS

[A study of clinical efficacy of triazolam as preanesthetic medication] Noguchi T, et al. **Masui** 1985 Apr;34(4):493-9 (Eng. Abstr.) **(Jpn)**

VETERINARY

Reversal of thiopental-induced anesthesia by 4-aminopyridine, yohimbine, and doxapram in dogs pretreated with xylazine or acepromazine. Hatch RC, et al. **Am J Vet Res** 1985 Jul;46(7):1473-8

Comparison of five preanesthetic medicaments in thiopental-anesthetized cats: antagonism by selected compounds. Hatch RC, et al. **Am J Vet Res** 1984 Nov;45(11):2322-7

Cost comparison of anesthetic regimens in the dog and cat. Bednarski RM, et al. **J Am Vet Med Assoc** 1984 Oct 15;185(8):869-72

[Monitoring circulation in the horse during sedation and anesthesia by indirect blood pressure measurement] Fritsch R, et al. **Berl Munch Tierarztl Wochenschr** 1985 May 1;98(5):166-73 (Eng. Abstr.) **(Ger)**

[Use of a propionylpromazine and meperidine combination in thiopental sodium anesthesia in horses] Deppe R, et al. **Zentralbl Veterinarmed [A]** 1985 Jan;32(1):59-67 (Eng. Abstr.) **(Spa)**

PREBETA LIPOPROTEINS see **LIPOPROTEINS, VLDL**

PRECANCEROUS CONDITIONS

Precancerous lesions in the stomach. Haentjens P, et al. **Acta Chir Belg** 1984 Sep-Oct;84(5):277-82

A histologic study of epithelial dysplasia in oral lichen planus. Odukoya O, et al. **Arch Dermatol** 1985 Sep;121(9):1132-6

Sessile adenoma of the gallbladder. Reappraisal of its importance as a precancerous lesion. Sato H, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):65-9

Are intraurethral condylomata premalignant? Noronha RF, et al. **Br J Urol** 1984 Oct;56(5):546-7

Consensus Conference on Precursors to Malignant Melanoma. **J Dermatol Surg Oncol** 1985 May;11(5):537-42

Precursors to malignant melanoma [letter] Jacoby I. **JAMA** 1985 May 3;253(17):2493-4

Carcinoma of the large bowel and its precursors. Proceedings of a conference. Detroit, September 27-28, 1984. **Prog Clin Biol Res** 1985;186:1-305

Premalignant diseases of the breast. Gump FE. **Surg Clin North Am** 1984 Dec;64(6):1051-9 (22 ref.)

[Malignant transformation of benign tumors of the sclerocorneal limbus. Apropos of 2 cases in Bantus of Central Africa] Menez B, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):573-4, 577-8 (Eng. Abstr.) **(Fre)**

[Smoking and induction of the enzyme aryl hydrocarbon hydroxylase in patients with laryngeal carcinomas and precancerous conditions] Trell E, et al. **HNO** 1985 Mar;33(3):112-4 (Eng. Abstr.) **(Ger)**

[Precancerous conditions of the stomach and gastric cancer: search for a correlation] Cavanenghi D, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):153-63 (Eng. Abstr.) **(Ita)**

ANALYSIS

Immunohistochemical detection of filaggrin in preneoplastic and neoplastic lesions of the human oral mucosa. Itoiz ME, et al. **Am J Pathol** 1985 Jun;119(3):456-61

Altered actin cytoskeletal patterns in two premalignant stages in human colon carcinoma development. Friedman E, et al. **Cancer Res** 1985 Jul;45(7):3236-42

Karyometry by automated image analysis. Application to precancerous lesions. Rigaut JP, et al. **Pathol Res Pract** 1984 Nov;179(2):216-9

[Trace element content in the blood and tissues of patients with precancerous and precursor diseases of the female genitalia] Rybnikov VI. **Vopr Onkol** 1985;31(3):18-21 (Eng. Abstr.) **(Rus)**

BLOOD

The relation of serum pepsinogen to gastric cancer and its precursors in Hawaii Japanese men: a progress report. Stemmermann GN, et al. **Prog Clin Biol Res** 1985;173:213-20

CHEMICALLY INDUCED

Effect of phenobarbital on the gamma-glutamyltranspeptidase activity and the remodeling of nodules induced by the initiation-selection model. Herren-Freund SL, et al. **Cancer Lett** 1985 Jun;27(2):153-61

The rat liver foci bioassay: II. Investigations on the dose-dependent induction of ATPase-deficient foci by vinyl chloride at very low doses. Laib RJ, et al. **Carcinogenesis** 1985 Jan;6(1):69-72

The rat liver foci bioassay: I. Age-dependence of induction by vinyl chloride of ATPase-deficient foci. Laib RJ, et al. **Carcinogenesis** 1985 Jan;6(1):65-8

Formation of O6-methylguanine in rat liver DNA by nitrosamines does not predict initiation of preneoplastic foci. Silinskas KC, et al. **Carcinogenesis** 1985 May;6(5):773-5

Exploration of the negative correlation between proliferative hepatocellular lesions and lymphoma in rats and mice--establishment and implications. Young SS, et al. **Fundam Appl Toxicol** 1984 Aug;4(4):632-40

In-vivo nitrosation, precancerous lesions and cancers of the gastrointestinal tract. On-going studies and preliminary results. Bartsch H, et al. **IARC Sci Publ** 1984;(57):955-62

[Multiple bowenoid arsenic keratoses] Leyh F, et al. **Derm Beruf Umwelt** 1985;33(3):99-101 (Eng. Abstr.) **(Ger)**

[Immunosuppressive effect and promotor activity for hepatic carcinogenesis of thiobenzamide] Pasquinelli P, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):61-6 (Eng. Abstr.) **(Ita)**

[Evolution of hyperplastic foci in the rat liver induced by diethylnitrosamine] Gel'shtein VI, et al. **Eksp Onkol** 1984;6(1):17-22 (Eng. Abstr.) **(Rus)**

[Early histochemical markers of hepatocarcinogenesis] Vinarchuk MP, et al. **Eksp Onkol** 1984;6(1):11-6 (55 ref.) (Eng. Abstr.) **(Rus)**

[Carcinogenic effect of a heavy catalytic gas oil] Karimov MA, et al. **Vopr Onkol** 1984;30(12):40-5 (Eng. Abstr.) **(Rus)**

CLASSIFICATION

Nomenclature of precancerous lesions of the uterine cervix. A position paper. Drake M. **Acta Cytol (Baltimore)** 1984 Sep-Oct;28(5):527-34

A classification of melanocytic dysplasias and malignant melanomas. Reed RJ. **Am J Dermatopathol** 1984 Summer;6 Suppl:195-206

[Regional differences in precancerous conditions of the cervix. A classification problem] Storm HH, et al. **Ugeskr Laeger** 1985 Mar 25;147(13):1137-40 **(Dan)**

[Premalignant changes in the mouth mucosa. Proposals for nomenclature by an international expert commission] Burkhardt A. **Pathologe** 1985 May;6(3):126-32 **(Ger)**

COMPLICATIONS

Scanning electron microscopic appearance of chronic ulcerative colitis with and without dysplasia. Shields HM, et al. **Gastroenterology** 1985 Jul;89(1):62-72

[Precancerous and other high risk conditions in the pathogenesis of stomach cancer] Fayenz S. **Minerva Dietol Gastroenterol** 1984 Oct-Dec;30(4):349-58 (Eng. Abstr.) **(Ita)**

DIAGNOSIS

Colorectal cytology in chronic ulcerative colitis. Festa VI, et al. **Acta Cytol (Baltimore)** 1985 May-Jun;29(3):262-8

Criteria for the cytologic assessment of hyperplasias in endometrial samples obtained by the Endopap Endometrial Sampler. Meisels A, et al. **Acta Cytol (Baltimore)** 1985 May-Jun;29(3):297-302

The application of visual cell profiles in the study of premalignant atypias in sputum. Swank PR, et al. **Acta Cytol (Baltimore)** 1985 May-Jun;29(3):373-8

Modified nucleosides in asbestos workers at high risk of malignant disease: results of a preliminary study applying discriminant analysis. Solomon SJ, et al. **Br J Ind Med** 1985 Aug;42(8):560-2

Gastric dysplasia. Significance and pathologic criteria. Ming SC, et al. **Cancer** 1984 Nov 1;54(9):1794-801

Colposcopy in the diagnosis of cervical cancer and precancer. Jordan JA. **Clin Obstet Gynaecol** 1985 Mar;12(1):67-76

Ulcerative colitis and colonic cancer. Problems in assessing the diagnostic usefulness of mucosal dysplasia. Ransohoff DF, et al. **Dis Colon Rectum** 1985 Jun;28(6):383-8

Endoscopy in premalignant conditions of the esophagus. Lightdale CJ. **Gastrointest Endosc** 1984 Oct;30(5):308-10

Sialomucins in the assessment of dysplasia and cancer-risk patients with ulcerative colitis treated with colectomy and ileo-rectal anastomosis. Ehsanullah M, et al. **Histopathology** 1985 Feb;9(2):223-35

Papillomavirus infection of the lower genital tract: detection of viral DNA in gynecological swabs. Schneider A, et al. **Int J Cancer** 1985 Apr 15;35(4):443-8

Mucinous syringometaplasia. Scully K, et al. **J Am Acad Dermatol** 1984 Sep;11(3):503-8

Toluidine blue staining in the detection of oral precancerous and malignant lesions [letter] Mashberg A. **Oral Surg Oral Med Oral Pathol** 1984 Oct;58(4):401

[Gastroscopic monitoring of precanceroses of the stomach (letter)] Berndt H. **Dtsch Med Wochenschr** 1985 Sep 6; 110(36):1391-2 **(Ger)**

[Precancerous conditions in the upper gastrointestinal tract. Diagnosis and monitoring] Singe CC, et al. **Dtsch Med Wochenschr** 1985 Jun 21;110(25):1003-6 **(Ger)**

[Colorectal precancerous states. Diagnosis and monitoring] Singe CC, et al. **Dtsch Med Wochenschr** 1985 Jun 28; 110(26):1043-6 **(Ger)**

[Early detection of premalignant and malignant lesions of the female genital tract in the outpatient clinic] Pascal B, et al. **Harefuah** 1985 Jan 1;108(1):42-5 (Eng. Abstr.) **(Heb)**

[Diagnostic reliability of the endometrial swab in the detection of preneoplastic and neoplastic lesions of the endometrium] Zardini R, et al. **Ann Ostet Ginecol Med Perinat** 1985 Jan-Feb;106(1):40-2 (Eng. Abstr.) **(Ita)**

[Papilloma of the gallbladder] Vadalà G, et al. **Chir Ital** 1983 Dec;35(6):1014-20 (Eng. Abstr.) **(Ita)**

[Morphological evaluation of gastric mucosa in the light of endoscopic mass screening] Karcz D, et al. **Nowotwory** 1984 Apr-Jun;34(2):151-5 (Eng. Abstr.) **(Pol)**

[Screening tests in large-intestinal neoplasms] Tomecki R. **Pol Tyg Lek** 1984 May 7;39(19):657-9 (19 ref.) **(Pol)**

[Precancerous hemorrhagic gastric tumors] Popovici G, et al. **Rev Chir [Chir]** 1983 Jul-Aug;32(4):285-92 (Eng. Abstr.) **(Rum)**

[Differential diagnosis of precancerous and cancerous states of the cervix uteri based on the multiparameter analysis of the results of cytological studies] Petrova AS, et al. **Arkh Patol** 1984;46(8):13-7 (Eng. Abstr.) **(Rus)**

[Clinical diagnosis of pretumorous diseases of the bladder] Klimenko IA. **Urol Nefrol (Mosk)** 1985 Mar-Apr;(2):33-7 (Eng. Abstr.) **(Rus)**

[Use of the carcinoembryonic antigen in the gastric juice for diagnosing pretumorous stomach diseases] Ivanov PK, et al. **Vopr Onkol** 1985;31(7):31-4 (Eng. Abstr.) **(Rus)**

[Intraoperative diagnosis of incipient stomach cancer] Sigal MZ, et al. **Vopr Onkol** 1985;31(6):48-52 (Eng. Abstr.) **(Rus)**

['Benign' monoclonal gammopathy: prognostic value of initial bone marrow study] Grau E, et al. **Sangre (Barc)** 1985; 30(3):308-19 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Tamoxifen alone or in combination with estradiol-17 beta inhibits the growth and malignant transformation of hepatic hyperplastic nodules. Mishkin SY, et al. **Eur J Cancer Clin Oncol** 1985 Mar;21(3):333-41

Chemoprevention of cervix cancer: Phase I-II: A feasibility study involving the topical vaginal administration of retinyl acetate gel. Romney SL, et al. **Gynecol Oncol** 1985 Jan; 20(1):109-19

[Eight-year follow-up of sputum cytology screening in tin miners and chemopreventive treatment of the precancerous lesion] Sun SQ. **Chung Hua Chung Liu Tsa Chih** 1985 Mar; 7(2):109-12 (Eng. Abstr.) **(Chi)**

[Flow cytometric study on the action of progestogen in patients with adenocarcinoma and precancerous lesions of the endometrium] Nishiya I, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul;37(7):1161-8 (Eng. Abstr.) **(Jpn)**

ENZYMOLOGY

A common biochemical pattern in preneoplastic hepatocyte nodules generated in four different models in the rat. Roomi MW, et al. **Cancer Res** 1985 Feb;45(2):564-71

Regulation and expression of four cytochrome P-450 isoenzymes, NADPH-cytochrome P-450 reductase, the glutathione transferases B and C and microsomal epoxide hydrolase in preneoplastic and neoplastic lesions in rat liver. Buchmann A, et al. **Carcinogenesis** 1985 Apr;6(4):513-21

Effects of N-nitrosomorpholine and phenobarbital on UDP-glucuronyltransferase in putative preneoplastic foci of rat liver. Fischer G, et al. **Carcinogenesis** 1985 Apr; 6(4):605-9

Elevated gastric juice enzymes—a marker for increased gastric cancer risk? Williams GT, et al. **Clin Oncol** 1984 Dec;10(4):319-23

Selective expression of glutathione transferase isoenzymes in chemically induced preneoplastic rat hepatocyte nodules. Jensson H, et al. **FEBS Lett** 1985 Jul 22;187(1):115-20

Early biochemical alterations induced by 2-acetylaminofluorene in rat liver. Elliott WL, et al. **Int J Biochem** 1984;16(9):947-56

Purification, induction, and distribution of placental glutathione transferase: a new marker enzyme for preneoplastic cells in the rat chemical hepatocarcinogenesis. Satoh K, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):3964-8

Measurement of enzyme activity in colonic biopsies: a test for premalignancy in ulcerative colitis? Vatn MH, et al. **Scand J Gastroenterol** 1984 Oct;19(7):889-92

ETIOLOGY

Alteration of the development of mammary hyperplastic alveolar nodules and uterine adenomyosis in SHN mice by different schedules of treatment with CB-154. Mori T, et al. **Acta Endocrinol (Copenh)** 1984 Oct;107(2):245-9

Latent papillomavirus and recurring genital warts. Ferenczy A, et al. **N Engl J Med** 1985 Sep 26;313(13):784-8

Non-tropical sprue. Malignant diseases and mortality rate. Nielsen OH, et al. **Scand J Gastroenterol** 1985 Jan; 20(1):13-8

Distribution of dysplasia in ulcerative colitis. Vatn MH, et al. **Scand J Gastroenterol** 1984 Oct;19(7):893-5

Dysplasia of ureteric epithelium: a source of adenocarcinoma in ureterosigmoidostomy? Aaronson IA, et al. **Z Kinderchir** 1984 Dec;39(6):364-7

[Diagnosis and therapy of Marjolin's ulcer after burns] Poláček V, et al. **Rozhl Chir** 1985 Feb;64(2):156-60 (Eng. Abstr.) **(Cze)**

[Cancer of the large intestine as a complication of ulcerative colitis] Wierzchowski W. **Patol Pol** 1984 Oct-Dec; 35(4):405-21 (Eng. Abstr.) **(Pol)**

FAMILIAL & GENETIC

High risk of malignant melanoma in melanoma-prone families with dysplastic nevi. Greene MH, et al. **Ann Intern Med** 1985 Apr;102(4):458-65

Evaluation of chromosomal diagnosis for hereditary adenomatosis of the colorectum. Gardner EJ, et al. **Cancer Genet Cytogenet** 1985 Feb 15;15(3-4):321-34

Spontaneous chromosomal aberrations in patients with precancerous and cancerous lesions of the cervix uteri. Murty VV, et al. **Cancer Genet Cytogenet** 1985 Aug; 17(4):347-53

A linkage study between HLA and cutaneous malignant melanoma or precursor lesions or both. Demenais F, et al. **J Med Genet** 1984 Dec;21(6):429-35

National Institutes of Health consensus report on precursors to malignant melanoma. A difference in opinion. Lynch HT, et al. **JAMA** 1984 Nov 23-30;252(20):2872-3

Neoplastic transformation of normal and carcinogen-induced preneoplastic Syrian hamster embryo cells by the v-src oncogene. Gilmer TM, et al. **Mol Cell Biol** 1985 Jul; 5(7):1707-13

Expression of c-Ki-ras, c-Ha-ras, and c-myc in specific cell types during hepatocarcinogenesis. Yaswen P, et al. **Mol Cell Biol** 1985 Apr;5(4):780-6

[Familial adenomatosis coli--a precancerous condition] Knöpfle G, et al. **Klin Padiatr** 1985 May-Jun;197(3):239-44 (Eng. Abstr.) **(Ger)**

HISTORY

[The man behind the syndrome: Pierre Ménétrier. Tumor pathologist and microbiologist with early insight on precancerous changes] Olsson JE, et al. **Lakartidningen** 1984 Oct 10;81(41):3705-6 (Eng. Abstr.) **(Swe)**

IMMUNOLOGY

Monoclonal antibodies directed against preneoplastic and neoplastic murine mammary lesions. Johnson CW, et al. **Cancer Res** 1985 Aug;45(8):3774-81

Suppression of natural killer and lymphocyte functions associated with carcinogen-induced premalignant hyperplastic nodules in rat liver. Leu RW, et al. **Cancer Res** 1985 Jul;45(7):3282-7

A methodology for the analysis of the preneoplastic antigen. Hammock BD, et al. **Carcinogenesis** 1984 Nov; 5(11):1467-73

A prospective study of association of herpes simplex virus and human papillomavirus infection with cervical neoplasia in women exposed to diethylstilbestrol in utero. Adam E, et al. **Int J Cancer** 1985 Jan 15;35(1):19-26

Gastrointestinal carcinoma-associated antigen detected by a monoclonal antibody in dysplasia and adenocarcinoma associated with chronic ulcerative colitis. Olding LB, et al. **Int J Cancer** 1985 Aug 15;36(2):131-6

Natural killer cell activity in women at 'high risk' for breast cancer, with and without benign breast syndrome. Pross HF, et al. **Int J Cancer** 1984 Sep 15;34(3):303-8

Antigenic phenotype of pigment cell lesions: a study of melanoma, its precursor lesions and heterogeneity in metastatic melanoma. Ernstoff MS, et al. **J Invest Dermatol** 1985 May;84(5):430-2

Immune complexes in cancer and preneoplastic diseases. Shafir M. **Mt Sinai J Med (NY)** 1985 Mar;52(3):201-4

[A case of multiple myeloma with a 21-year preclinical biological stage] Brégeon C, et al. **Rev Med Interne** 1984 Sep;5(3):233-5 **(Fre)**

[Premalignant lesions of B cell malignancy—from polyclonal to monoclonal phases] Nakano M, et al. **Rinsho Ketsueki** 1985 Mar;26(3):315-31 (192 ref.) **(Jpn)**

[Immunoglobulin levels in cervical mucus in patients with grade Io cancer of the cervix uteri and precancerous conditions] Pilawski Z, et al. **Ginekol Pol** 1985 Jan;56(1):1-4 (Eng. Abstr.) **(Pol)**

[Detection of the virus-specific antigens of adenoviruses and herpes simplex virus in patients with malignant genital diseases] Posevaia TA, et al. **Vopr Virusol** 1984 Nov-Dec; 29(6):727-30 (Eng. Abstr.) **(Rus)**

METABOLISM

Gamma-glutamyl transpeptidase in precancerous lesions and carcinomas of oral, pharyngeal, and laryngeal mucosa. Calderon-Solt L, et al. **Cancer** 1985 Jul 1;56(1):138-43

Phosphorylation of specific rat plasma membrane proteins during promotion of gamma-glutamyl transpeptidase-positive hepatic foci and inhibition by di(2-ethylhexyl)phthalate. DeAngelo AB, et al. **Cancer Res** 1985 Jun;45(6):2654-60

Functional alterations of the endoplasmic reticulum and the detoxification systems during diethyl-nitrosamine carcinogenesis in rat liver. Garcea R, et al. **Cell Biochem Funct** 1984 Jul;2(3):177-81

Binding of lectins to goblet cell mucin in malignant and premalignant colonic epithelium in the CF-1 mouse. Boland CR, et al. **Gastroenterology** 1985 Jul;89(1):127-37

Study of beta-adrenoceptors and beta-adrenergic responsiveness in cultured 'preneoplastic-like' and neoplastic rat hepatocytes. Cortinovis C, et al. **Gen Pharmacol** 1985;16(3):259-63

Histochemical observations of lectin-binding in experimental carcinomas in mouse submandibular glands. Hosaka M, et al. **J Oral Pathol** 1984 Dec;13(6):585-94

Lectin-binding in premalignant lesions during submandibular gland carcinogenesis. Murase N, et al. **J Oral Pathol** 1984 Oct;13(5):505-15

Qualitative and quantitative determinations of pepsinogen I in gastric cancer and premalignant changes of the stomach. Westerveld BD, et al. **Prog Clin Biol Res** 1985;173:201-12 (24 ref.)

Histochemistry of epithelial metaplasia and dysplasia in human stomach and colorectum. Jass JR, et al. **Scand J Gastroenterol [Suppl]** 1984;104:109-30

Enzyme activity and protein patterns as premalignant markers in mucosal biopsy specimens from the large intestine. Vatn MH, et al. **Scand J Gastroenterol [Suppl]** 1985;107:1-7

Keratin distribution in precancerous stages of experimental carcinogenesis in mouse submandibular glands. Takai Y, et al. **Virchows Arch [Cell Pathol]** 1984;47(2):183-7

MICROBIOLOGY

The association of Streptococcus bovis fecal carriage and colon neoplasia: possible relationship with polyps and their premalignant potential. Burns CA, et al. **Am J Gastroenterol** 1985 Jan;80(1):42-6

Herpes simplex virus type 2 and human papillomavirus type 16 in cervicitis, dysplasia and invasive cervical carcinoma. Prakash SS, et al. **Int J Cancer** 1985 Jan 15;35(1):51-7

Cervical papillomaviruses segregate within morphologically distinct precancerous lesions. Crum CP, et al. **J Virol** 1985 Jun;54(3):675-81

A retroviral myc gene induces preneoplastic transformation of lymphocytes in a bursal transplantation assay. Neiman P, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):222-6

Role of papilloma virus in proliferative squamous lesions. Jenson AB, et al. **Surv Synth Pathol Res** 1985;4(1):8-13

OCCURRENCE

Premalignant lesions and microinvasive carcinoma of the cervix in Jewish women: an epidemiological study. Baram A, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):4-8

Precursor lesions of oesophageal cancer in a low-risk population in China: comparison with high-risk populations. Crespi M, et al. **Int J Cancer** 1984 Nov 15; 34(5):599-602

Oral health status in the United States: oral cancer and soft tissue lesions. Fischman SL. **J Dent Educ** 1985 Jun; 49(6):379-85

Malignant skin tumors among dermatology patients in university hospitals of Japan. A statistical survey 1971-1975. Tada M, et al. **J Dermatol (Tokyo)** 1984 Aug; 11(4):313-21

Intestinal metaplasia of the gastric mucosa in autopsies of Chilean adults. Duarte I, et al. **Pathol Res Pract** 1984 Jul; 178(6):538-42

[Cervix cancer and cervical prenecroses in Denmark 1943-1982. Cancer statistics No. 12] Lynge E, et al. **Ugeskr Laeger** 1984 Nov 5;146(45):3483-7 **(Dan)**

[Precancerous conditions of the stomach in inhabitants of the Kalmyk ASSR] Chaklin AV, et al. **Vopr Onkol** 1984; 30(10):34-8 (Eng. Abstr.) **(Rus)**

PATHOLOGY

A novel in vitro-in vivo approach to carcinogenesis studies designed for use with human cells and tissues. Cameron RG, et al. **Acta Cytol (Baltimore)** 1984 Sep-Oct; 28(5):614-20

Is fibrocystic breast disease a pre-malignant state? Myhre

E. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:189-91

Nasal cuboidal metaplasia with dysplasia. Precursor to adenocarcinoma in wood-dust-exposed workers? Wilhelmsson B, et al. **Acta Otolaryngol (Stockh)** 1985 May-Jun;99(5-6):641-8

Nasal epithelium in woodworkers in the furniture industry. A histological and cytological study. Wilhelmsson B, et al. **Acta Otolaryngol (Stockh)** 1984 Sep-Oct;98(3-4):321-34

Protoneoplasia: the molecular biology of murine mammary hyperplasia. Cardiff RD. **Adv Cancer Res** 1984;42:167-90 (73 ref.)

Malignant melanoma in situ, precancerous melanosis, or atypical intraepidermal melanocytic proliferation. Rywlin AM. **Am J Dermatopathol** 1984 Summer;6 Suppl:97-9

How consistent are dermatopathologists in reading early malignant melanomas and lesions 'precursor' to them? An international survey. Schmoeckel C. **Am J Dermatopathol** 1984 Summer;6 Suppl:13-24

Acquired dysplastic melanocytic nevi and cutaneous melanoma: precursors and prevention. Rhodes AR. **Ann Intern Med** 1985 Apr;102(4):546-8

Mammary hyperplastic and preneoplastic changes: taxonomy and grading. van Bogaert LJ. **Breast Cancer Res Treat** 1984; 4(4):315-22

Definition of precancerous and high-risk mammary lesions. Bégin LR. **Can J Surg** 1985 May;28(3):248-51

Cell kinetic indicators of premalignant stages of colorectal cancer. Bleiberg H, et al. **Cancer** 1985 Jul 1;56(1):124-9

Karyometric analysis of liver cell dysplasia and hepatocellular carcinoma. Evidence against precancerous nature of liver cell dysplasia. Henmi A, et al. **Cancer** 1985 Jun 1;55(11):2594-9

Is mallory body formation a preneoplastic change? A study of 181 cases of liver bearing hepatocellular carcinoma and 82 cases of cirrhosis. Nakanuma Y, et al. **Cancer** 1985 May 15;55(10):2400-4

Atypical hyperplastic lesions of the female breast. A long-term follow-up study. Page DL, et al. **Cancer** 1985 Jun 1;55(11):2698-708

Analysis of adenocarcinoma in Barrett's esophagus utilizing a staging system. Rosenberg JC, et al. **Cancer** 1985 Mar 15;55(6):1353-60

Association of chronic cystic mastopathy, xeromammographic patterns, and cancer. Spratt JS, et al. **Cancer** 1985 Mar 15;55(6):1372-5

Selenium inhibition of the neoplastic transformation in preneoplastic mammary cell populations. Medina D, et al. **Cancer Lett** 1984 Sep;24(2):227-34

Loss of lipid peroxidation as a histochemical marker for preneoplastic hepatocellular foci of rats. Benedetti A, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5712-7

Isolation of preneoplastic rat liver cells by centrifugal elutriation and binding to asialofetuin. Evarts RP, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5718-24

Immunological approaches to the purification of putative premalignant hepatocytes from genotypic mosaic rat livers. Hunt JM, et al. **Cancer Res** 1985 May;45(5):2226-33

Changes in stem cell populations of rat tracheal epithelial cell cultures at an early stage in neoplastic progression. Thomassen D, et al. **Cancer Res** 1985 Jul;45(7):3322-31

Evidence for multiple steps in neoplastic transformation of normal and preneoplastic Syrian hamster embryo cells following transfection with Harvey murine sarcoma virus oncogene (v-Ha-ras). Thomassen DG, et al. **Cancer Res** 1985 Feb;45(2):726-32

Cell proliferation kinetics in the gastric remnant. Offerhaus GJ, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):73-9

A protein cross-reacting immunohistochemically with rat glutathione S-transferase placental form as a marker for preneoplasia in Syrian hamster pancreatic and hepatocarcinogenesis. Moore MA, et al. **Gann** 1985 Jan; 76(1):1-4

Dysplasia, dysplastic melanocytes, dysplastic nevi, the dysplastic nevus syndrome, and the relation between dysplastic nevi and malignant melanomas. Ackerman AB, et al. **Hum Pathol** 1985 Jan;16(1):87-91

Initiation-promotion-initiation. Induction of neoplastic foci within islands of precancerous liver cells in the rat. Scherer E, et al. **IARC Sci Publ** 1984;(56):57-66

Pre-Kaposi's sarcoma. Schwartz JL, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 2):377-80

Histologic patterns of congenital nevocytic nevi and implications for treatment. Zitelli JA, et al. **J Am Acad Dermatol** 1984 Sep;11(3):402-9

Quantitative morphometry of squamous cell hyperplasia of the larynx. Olde Kalter P, et al. **J Clin Pathol** 1985 May; 38(5):489-95

Cutaneous metastatic squamous-cell carcinoma in zosteriform distribution. Buecker JW, et al. **J Dermatol Surg Oncol** 1984 Sep;10(9):718-20

Metastatic squamous-cell carcinomas derived from solar keratosis. Fukamizu H, et al. **J Dermatol Surg Oncol** 1985 May;11(5):518-22

ras Oncogene p21 expression is increased in premalignant lesions and high grade bladder carcinoma. Viola MV, et al. **J Exp Med** 1985 May 1;161(5):1213-8

The patho-epidemiology of benign proliferative epithelial disorders of the female breast. Cook MG, et al. **J Pathol** 1985 May;146(1):1-15 (45 ref.)

Carcinoma in situ of the testis in children with 45,X/46,XY gonadal dysgenesis. Müller J, et al. **J Pediatr** 1985 Mar; 106(3):431-6

Experimental colitis and colonic cancer in the rat. Davey PG, et al. **Mt Sinai J Med (NY)** 1985 Mar;52(3):209-11

Increased UDP-glucuronyltransferase in putative preneoplastic foci of human liver after long-term use of oral contraceptives. Fischer G, et al. **Naturwissenschaften** 1985 May;72(5):277-8

Proliferative verrucous leukoplakia. A long-term study of thirty patients. Hansen LS, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):285-98

A general model for the light and electron microscopic morphometry/stereology (M & S) of precancerous epithelial transformation using clinical biopsies. Reith A, et al. **Pathol Res Pract** 1984 Nov;179(2):210-5

Mesothelial proliferation: a questionable boundary with malignancy. Quaglia AC. **Pathologica** 1984 May-Jun; 76(1043):387-90

Cell kinetic approaches to defining premalignant conditions. Deschner EE. **Prog Clin Biol Res** 1985;186:187-202

Premalignant lesions of the colorectum. Fenoglio CM. **Prog Clin Biol Res** 1985;186:23-43

Chronic gastritis as a cancer precursor. Correa P. **Scand J Gastroenterol [Suppl]** 1984;104:131-6

Precancerous lesions of the gallbladder mucosa. Mukada T, et al. **Tohoku J Exp Med** 1985 Apr;145(4):387-94

Morphology and progression of preneoplastic changes in methylcholanthrene-induced mouse mammary tumorigenesis. Basolo F, et al. **Tumori** 1985 Feb 28; 71(1):1-11

Gastritis cystica polyposa: a possible precancerous lesion. Franzin G, et al. **Tumori** 1985 Feb 28;71(1):13-8

Adenomyoepithelial adenosis and low-grade malignant adenomyoepithelioma of the breast. Kiaer H, et al. **Virchows Arch** [A] 1984;405(1):55-67

[Pathogenesis of prostatic carcinoma. II. The relation between precancerous lesions and carcinoma of the prostate] Wu RL. **Chung Hua Chung Liu Tsa Chih** 1984 May;6(3):189-91 (Eng. Abstr.) **(Chi)**

[Chemoinduced early precancerous colonic lesions in rats] Roussel F, et al. **Gastroenterol Clin Biol** 1984 Dec; 8(12):960-5 (Eng. Abstr.) **(Fre)**

[Tumor pathology of the vulva] **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(3):291-308 **(Fre)**

[9 years of systematic cytologic examinations of expressed galactophorous discharge. Detection of cancerous and precancerous conditions] Jahier J, et al. **Rev Fr Gynecol Obstet** 1985 Feb;80(2):75-8 (Eng. Abstr.) **(Fre)**

[Borderline tumors of the ovary. New aspects on morphologic prognosis determination] Dietel M, et al. **Geburtshilfe Frauenheilkd** 1985 Apr;45(4):213-9 (Eng. Abstr.) **(Ger)**

[Detection of various papilloma virus types in cytologic smears of precancerous conditions and cancers of the uterine cervix] Wagner D, et al. **Geburtshilfe Frauenheilkd** 1985 Apr;45(4):226-31 (Eng. Abstr.) **(Ger)**

[Dystrophy and precancerous changes in the vulva: symptoms, histology and therapy] Weghaupt K. **Geburtshilfe Frauenheilkd** 1985 May;45(5):275-81 (Eng. Abstr.) **(Ger)**

[Quantitative and qualitative structure analysis of cell exfoliated from the normal vulva and from benign, precancerous and malignant vulvar lesions] Nauth HF. **Geburtshilfe Fraunheilkd** 1984 Aug;44(8):485-94 (Eng. Abstr.) **(Ger)**

[Importance of the proliferating trichilemmal cyst] Hödl S, et al. **Hautarzt** 1984 Dec;35(12):640-4 (Eng. Abstr.) **(Ger)**

[Risk findings of the gastric mucosa--a clinicopathologic discussion] Heilmann KL, et al. **Leber Magen Darm** 1985 Jan;15(1):1-12 (Eng. Abstr.) **(Ger)**

[Cancerous and precancerous changes in the tumor margin areas of patients with bladder cancers] Blume B, et al. **Z Urol Nephrol** 1985 Feb;78(2):71-6 (Eng. Abstr.) **(Ger)**

[Condylomatous lesions detected in cases of uterine cervical intraepithelial neoplasia] Ophir E, et al. **Harefuah** 1984 Jun 1;106(11):494-8 (Eng. Abstr.) **(Heb)**

[Benign lymphoepithelial lesion of the parotid gland and its association with malignant lymphoma] Bignardi L, et al. **Acta Otorhinolaryngol Ital** 1984 May-Jun;4(3):305-15 (Eng. Abstr.) **(Ita)**

[Histochemical identification of preneoplastic hepatocellular lesions in the human liver] Malvaldi G, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1785-90 (Eng. Abstr.) **(Ita)**

[Colo-rectal precancerous conditions: anatomo-pathologic and clinical aspects] Melita P, et al. **Chir Ital** 1984 Apr; 36(2):215-26 (Eng. Abstr.) **(Ita)**

[Gastric precancerous states] Campana FP, et al. **Minerva Chir** 1984 Apr 30;39(8):627-34 (40 ref.) (Eng. Abstr.) **(Ita)**

[Clinical and histopathological findings in malignant transformation of idiopathic hemorrhagic rectocolitis] Coli G, et al. **Minerva Chir** 1984 Sep 30;39(18):1199-204 (Eng. Abstr.) **(Ita)**

[Skin cancer and precancerosis] Ikeda S, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1755-66 (Eng. Abstr.) **(Jpn)**

[Early cancer and related changes in the bronchial epithelium of former mustard gas workers] Tokuoka S. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):708-13 (Eng. Abstr.) **(Jpn)**

[A case of precancerous hair follicle tumor on the large pudendal lip] Hiraoka K, et al. **Sangyo Ika Daigaku Zasshi** 1985 Jun 1;7(2):229-35 (Eng. Abstr.) **(Jpn)**

[Ambulatory endometrial biopsy as a method of detection of high-risk conditions and cancer of the uterus] Teter J, et al. **Ginekol Pol** 1984 Jun;55(6):435-43 (Eng. Abstr.) **(Pol)**

[Cytological characteristics of a malignantly degenerating stomach ulcer] Artemenko AV, et al. **Arkh Patol** 1985; 47(1):30-5 (Eng. Abstr.) **(Rus)**

[Pathology of mitosis in clinical oncomorphology] Kraevskiĭ NA, et al. **Arkh Patol** 1984;46(11):16-22 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of dysplasia and early cancer of the stomach based on analysis of DNA content] Zolotarevskiĭ VB, et al. **Arkh Patol** 1984;46(11):58-66 (Eng. Abstr.) **(Rus)**

[Complications of leiomyoma of the stomach] Vaĭgel' AM. **Klin Med (Mosk)** 1984 Jul;62(7):125-7 **(Rus)**

[Characteristics of the cytogram in precancerous conditions of the skin] Genes IS, et al. **Lab Delo** 1985;(5):298-300 (Eng. Abstr.) **(Rus)**

[Diagnosis of precancerous changes in gastric mucosal epithelium during dynamic cytologic observations] Timofeev BIa, et al. **Lab Delo** 1985;(2):84-7 (Eng. Abstr.) **(Rus)**

[Clinico-morphological characteristics of background diseases in stage I stomach cancer] Averbakh AM. **Vopr Onkol** 1985;31(7):42-7 (Eng. Abstr.) **(Rus)**

[Nodular goiter and thyroid cancer] Valdina EA. **Vopr Onkol** 1984;30(11):18-22 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Pre-cancerous steps in carcinogenesis. Their physiological adaptive nature. Farber E. **Biochim Biophys Acta** 1984; 738(4):171-80 (83 ref.)

PREVENTION & CONTROL

Inhibition by medroxyprogesterone acetate of precancerous mammary hyperplastic alveolar nodule formation in mice. Nagasawa H, et al. **Breast Cancer Res Treat** 1985;5(1):31-6

Inhibitory potential of acetaminophen and o-, m-, p-aminophenols for development of gamma-glutamyltranspeptidase-positive liver cell foci in rats pretreated with diethylnitrosamine. Kurata Y, et al. **Cancer Lett** 1985 Aug;28(1):19-25

Concentration-dependent inhibition of development of GGT positive foci in rat liver by the environmental contaminant di(2-ethylhexyl) phthalate. DeAngelo AB, et al. **Environ Health Perspect** 1985 May;60:381-5

Control of cancer of the cervix: feasibility of screening for premalignant lesions in an African environment. Mati JK, et al. **IARC Sci Publ** 1984;(63):451-63

Retinoids and cancer [editorial] Pack GL. **J Invest Dermatol** 1985 Aug;85(2):87-8

No effect of riboflavine, retinol, and zinc on prevalence of precancerous lesions of oesophagus. Randomised double-blind intervention study in high-risk population of China. Muñoz N, et al. **Lancet** 1985 Jul 20;2(8447):111-4

Screening procedures for identifying patients after gastric operations at high risk of developing premalignant histological changes. Mosimann F, et al. **World J Surg** 1985 Aug;9(4):606-11

[Organization and efficacy of cytological examinations in the mass screening of women in the Moldavian SSR] Khonelidze GB, et al. **Vopr Onkol** 1984;30(9):91-4 (Eng. Abstr.) **(Rus)**

[Standardization of the cytological results attained in conducting prophylactic gynecological examinations] Novik VI, et al. **Vopr Onkol** 1985;31(3):92-6 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Mammographic parenchymal patterns and risk of breast cancer in postmenopausal women. Horwitz RI, et al. **Am J Med** 1984 Oct;77(4):621-4

RADIOTHERAPY

[Use of laser radiation in treating pretumorous and tumorous diseases of the cervix uteri and vulva] Zaplavnova LD, et al. **Vestn Akad Med Nauk SSSR** 1984;(12):67-9 **(Rus)**

SURGERY

Congenital nevi. The controversy rages on [editorial] Alper JC. **Arch Dermatol** 1985 Jun;121(6):734-5

What should the practising surgeon do with precancerous and high-risk breast lesions? Ketcham AS. **Can J Surg** 1985 May;28(3):194-5

Use of the carbon dioxide laser in the management of premalignant lesions of the oral mucosa. Frame JW, et al. **J Laryngol Otol** 1984 Dec;98(12):1251-60

The importance of surgical evaluation of patients with 'Turner-like' sex chromosomal abnormalities. Krasna IH, et al. **J Pediatr Surg** 1985 Feb;20(1):61-4

Carbon dioxide laser treatment of cervical intraepithelial neoplasia. Lomano JM. **Ohio State Med J** 1985 Jun; 81(6):432-5

[Malignant struma. With remarks on the use of the concept of precancerous conditions in strumas] Thurner J. **Zentralbl Chir** 1984;109(21):1353-62 (Eng. Abstr.) **(Ger)**

[Recto-colonic adenoma: which therapy?] Guernelli N. **Minerva Chir** 1984 Nov 15;39(21):1475-7 **(Ita)**

[Leukoplakia of the larynx--a precancerous condition] Nikolić L, et al. **Med Pregl** 1984;37(3-4):113-5 (Eng. Abstr.) **(Scr)**

[Precancerous diseases of the larynx] Mitrović M, et al. **Zb Vojnomed Akad** 1983;25:45-7 (Eng. Abstr.) **(Scr)**

THERAPY

Therapeutic effect of human fibroblast interferon on premalignant lesions arising in oral mucosa. A pilot study. Sato M, et al. **Int J Oral Surg** 1985 Apr;14(2):184-94

ULTRASTRUCTURE

A morphometric study on the ultrastructure of well-differentiated tumours and inflammatory mucosa of the human urinary bladder. Moriyama N, et al. **Virchows Arch [A]** 1984;405(1):25-39

[Leukoplakia of the bladder] Romanenko AM, et al. **Arkh Patol** 1985;47(1):52-8 (Eng. Abstr.) **(Rus)**

[Ultrastructure of pseudotumorous, pretumorous and tumorous formations in the larynx] Teodor IL, et al. **Vestn Otorinolaringol** 1984 Nov-Dec;(6):62-5 (Eng. Abstr.) **(Rus)**

PRECEPTORSHIP

Preparing for the practice of internal medicine [letter] Vaughan DA. **Ann Intern Med** 1985 May;102(5):725

Increasing the effectiveness of clinical supervision. Frisch SR, et al. **Can Med Assoc J** 1984 Sep 15;131(6):569-72

SEARCH program targets rural physician shortage. de Castanos O. **Colo Med** 1984 Dec;81(12):313-4, 316, 318

Nursing decentralization: what happens on the unit? Lowe E. **Dimens Health Serv** 1984 Aug;61(8):16-7

The concept and practice of preceptorship in contemporary nursing: a review of pertinent literature. Shamian J, et al. **Int J Nurs Stud** 1985;22(2):79-88

The key to your professional success is you: networking, mentor-mentee relationships, and negotiation. Kapustiak MM, et al. **J Am Diet Assoc** 1985 Jul;85(7):846-8

Louisa Burns Memorial Lecture: Re--search. Northup GW. **J Am Osteopath Assoc** 1984 Sep;84(1):67-70

Medical preceptorship program: passing the torch. Geoffray D, et al. **J La State Med Soc** 1985 Mar;137(3):40

Preceptorships in family medicine for second-year medical students. Jaffe A, et al. **J Med Educ** 1985 Mar;60(3):197-200

What to do about toxic mentors. Darling LA. **J Nurs Adm** 1985 May;15(5):43-4

The case for mentor moderation. Darling LA. **J Nurs Adm** 1985 Jul-Aug;15(7-8):42-3

Mentor matching. Darling LA. **J Nurs Adm** 1985 Jan; 15(1):45-6

'Can a non-bonder be an effective mentor'? Darling LA. **J Nurs Adm** 1985 Feb;15(2):30-1

Academic medical preceptorship for congressional aides [letter] Weary PE. **N Engl J Med** 1985 May 9;312(19):1263

STANDARDS

Status and teaching ability of preceptors in a first-year clinical course. Margolis CF, et al. **J Med Educ** 1985 May; 60(5):410-2

PRECIPITATION

Why does cholesterol ever precipitate out of human bile? Gilat T, et al. **J Clin Gastroenterol** 1985 Jun;7(3):197-9

[The compatible precipitation of Chinese drugs] Sun QM. **Chung Yao Tung Pao** 1985 Jan;10(1):26-30 **(Chi)**

METHODS

Selective immunoprecipitate identification using monoclonal anti-rabbit IgG. Carson SD. **Anal Biochem** 1985 Feb 15; 145(1):148-50

PRECIPITIN TESTS

A general theory for the precipitin reaction--based on Fc-mediated precipitation. Møller NP, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Oct; 92(5):237-46

Cross-reactions between Mycobacterium avium and Mycobacterium paratuberculosis strains in complement fixation and gel precipitation tests. Körmendy B, et al. **Acta Vet Hung** 1984;32(1-2):3-7

Theory of light scattering measurements as applied to immunoprecipitin reactions. Sittampalam G, et al. **Anal Chem** 1984 Oct;56(12):2176-80

Experimental observations of transient light scattering complexes formed during immunoprecipitin reactions. Sittampalam G, et al. **Anal Chem** 1984 Oct;56(12):2170-5

Clinical evaluation of precipitin tests for genital actinomycosis. Persson E, et al. **J Clin Microbiol** 1984 Nov; 20(5):917-22

A mild procedure for separating polypeptide chains prior to immunoprecipitation and western blotting analysis. Cohen BB, et al. **J Immunol Methods** 1984 Dec 14; 75(1):99-105

Notes on immunoprecipitin reactions with rinderpest virus. Rossiter PB. **Trop Anim Health Prod** 1985 Feb;17(1):55-6

[Immunofluorescence circumoval precipitin test in the diagnosis of schistosomiasis japonica] Yang ZX, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):173-5 (Eng. Abstr.) **(Chi)**

[Circumoval precipitin test in patients with schistosomiasis japonica in controlled and uncontrolled regions] Ye JF, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):158-60 (Eng. Abstr.) **(Chi)**

METHODS

Effects of polyethylene glycol and dextrans on immunoprecipitations: a two-cross immunodiffusion study. Pokrić B, et al. **Anal Biochem** 1985 May 1;146(2):374-88

Co-immunoprecipitation of the Ly-5 molecule and an endogenous protease: a proteolytic system requiring a reducing agent and Ca2+1. Ewald SJ, et al. **J Immunol** 1985 Apr;134(4):2513-9

Application of formalin-fixed Schistosoma japonicum eggs to the circumoval precipitin test. Kamiya H, et al. **Z Parasitenkd** 1984;70(6):823-6

[Comparison of different methods of the circumoval precipitin test (COPT) for schistosomiasis japonica. Field evaluation of the COPT group] **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):129-32 (Eng. Abstr.) **(Chi)**

[Detection of enzyme-bound immunoglobulins by the immuno-mixing method] Shibata H, et al. **Rinsho Byori** 1984 Nov;Spec No 60:44-9 **(Jpn)**

[Quantitative method for determining autoantibodies in the blood using the Hoigné reaction] Kvirikadze VV, et al. **Lab Delo** 1984;(7):417-9 **(Rus)**

PRECIPITINS

ANALYSIS

Detection of immunoglobulin E in feces by immunoprecipitation, and characterization of associated non-immunoglobulin precipitins. Kolmannskog S, et al. **Int Arch Allergy Appl Immunol** 1985;76(3):226-31

Precipitating antibodies to non-treated dengue type 2 viral antigens in sera of Thai hemorrhagic fever patients by crossed immunoelectrophoresis. Wongtunyakorn N, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar; 16(1):73-7

BIOSYNTHESIS

Factors affecting the development of precipitating antibodies in workers exposed to contaminated humidifiers. Finnegan MJ, et al. **Clin Allergy** 1985 May;15(3):281-92

Studies on artificial oligosaccharide-protein antigens: induction of precipitating antibodies to defined epitopes on natural and synthetic dextrans and mannans. Richter AW, et al. **Mol Immunol** 1985 Jan;22(1):29-36

BLOOD

Nature and incidence of serum precipitins against aeroallergens in non-atopic individuals. Villacorte GV, et al. **Ann Allergy** 1984 Oct;53(4):322-4

IMMUNOLOGY

Specificities and characteristics of mitochondrial protein antigens assessed by enzyme linked immunosorbent assay for anti-mitochondrial antibodies. Relationship to immunofluorescent and precipitating antibodies. Gupta RC. **Clin Exp Immunol** 1985 Mar;59(3):604-12

Immunochemical studies on the binding properties of Brucella abortus lipopolysaccharides to bovine precipitating antibodies. Wu AM, et al. **Mol Immunol** 1984 Nov;21(11):1123-9

Factors influencing the development of serum precipitins to farmer's lung antigen in Quebec dairy farmers. Cormier Y, et al. **Thorax** 1985 Feb;40(2):138-42

[Stability of species-specific antigenic properties of serum proteins in blood stains] Vagina NN, et al. **Sud Med Ekspert** 1985 Jan-Mar;28(1):39-41 **(Rus)**

ISOLATION & PURIFICATION

Relationships between antinuclear and anti-Ro/SS-A antibodies in subacute cutaneous lupus erythematosus. Deng JS, et al. **J Am Acad Dermatol** 1984 Sep;11(3):494-9

PREDATORY BEHAVIOR see under **APPETITIVE BEHAVIOR**

PREDIABETIC STATE

DIAGNOSIS

Reproducibility of the new diagnostic criteria for impaired glucose tolerance. Riccardi G, et al. **Am J Epidemiol** 1985 Mar;121(3):422-9

Prediction of type 1 diabetes mellitus--a report on three cases. Bruining GJ, et al. **Eur J Pediatr** 1985 Jan; 143(3):175-8

[Should the idea of prediabetes be revived?] Lefebvre P. **Diabete Metab** 1985 Jun;11(3):191 **(Fre)**

[Long-term observations of children from families with a history of diabetes mellitus] Dziatkowiak H, et al. **Pediatr Pol** 1984 Aug;59(8):631-8 (Eng. Abstr.) **(Pol)**

[Evaluation of carbohydrate metabolism in children, born to mothers with diabetes mellitus, based on glucose tolerance tests] Ignatiuk TE, et al. **Pediatriia** 1985 Feb; (2):16-7 (Eng. Abstr.) **(Rus)**

[Glucose content of ear wax in patients with latent and manifest diabetes mellitus] Khasanov SA, et al. **Vestn Otorinolaringol** 1985 Mar-Apr;(2):34-6 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Serum enzymes in the BB rat before and after onset of the overt diabetic syndrome. Scott FW, et al. **Clin Biochem** 1984 Aug;17(4):270-5

ETIOLOGY

[Age-related pathomorphism of diabetes mellitus] Tikhonova EP, et al. **Ter Arkh** 1985;57(2):100-3 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Predominance of T lymphocytes in pancreatic islets and spleen of pre-diabetic non-obese diabetic (NOD) mice: a longitudinal study. Miyazaki A, et al. **Clin Exp Immunol** 1985 Jun;60(3):622-30

Prospective study of lymphocyte subsets in subjects genetically susceptible to type 1 (insulin-dependent) diabetes. Pozzilli P, et al. **Diabetologia** 1984 Jul;27 Suppl:132-5

METABOLISM

Elevated levels of vasoactive intestinal peptide in the eye and urinary bladder of diabetic and prediabetic Chinese hamsters. Diani AR, et al. **Diabetologia** 1985 May; 28(5):302-7

PHYSIOPATHOLOGY

Peripheral and autonomic nerve function in glucose intolerance. Cederholm J, et al. **Diabete Metab** 1985 Apr; 11(2):87-91

Long-range implications for the mother. The Aberdeen experience. Stowers JM, et al. **Diabetes** 1985 Jun;34 Suppl 2:106-10

Insulin, glucagon, and somatostatin release from the prediabetic Chinese hamster. Frankel BJ, et al. **Diabetologia** 1984 Sep;27(3):387-91

Pre-type 1 (insulin-dependent) diabetes: common endocrinological course despite immunological and immunogenetic heterogeneity. Srikanta S, et al. **Diabetologia** 1984 Jul;27 Suppl:146-8

THERAPY

[Effect of various methods of treating patients with the diabetic type of glucose tolerance] Baranov VG, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):3-6 (Eng. Abstr.) **(Rus)**

VETERINARY

A new diabetic strain of rat (WBN/Kob). Tsuchitani M, et al. **Lab Anim** 1985 Jul;19(3):200-7

PREDNIMUSTINE see under **CHLORAMBUCIL**

PREDNISOLONE

[The stabilization of urea and prednisolone in a L/W emulsion ointment] Horsch W, et al. **Pharmazie** 1984 Jul; 39(7):503-4 **(Ger)**

ADMINISTRATION & DOSAGE

A steroid-sparing effect of ketotifen in steroid dependent asthmatics. Madalinska M, et al. **Allergol Immunopathol (Madr)** 1985 Jan-Feb;13(1):9-11

An aspirin-prednisolone combination to modify postadulticide lung disease in heartworm-infected dogs. Rawlings CA, et al. **Am J Vet Res** 1984 Nov;45(11):2371-5

The timing of prednisolone dosage and its effect on morning stiffness in rheumatoid arthritis. De Silva M, et al. **Ann Rheum Dis** 1984 Dec;43(6):790-3

Towards the Belfast immunosuppressive regimen: a prospective trial of low versus high dose steroids and once versus twice daily immunosuppression. Griffin PJ, et al. **Br J Surg** 1985 Jan;72(1):10-2

A comparison of prednisolone enemas with low-dose oral prednisolone in the treatment of acute distal ulcerative colitis. Hamilton I, et al. **Dis Colon Rectum** 1984 Nov; 27(11):701-2

Conversion from cyclosporin to azathioprine/prednisolone [letter] Adu D, et al. **Lancet** 1985 Feb 16;1(8425):392

Immunosuppressive therapy in diabetes [letter] Leslie RD, et al. **Lancet** 1985 Mar 2;1(8427):516

Concomitant therapy with prednisolone and cyclophosphamide in 17 cases with IgA nephropathy. Katsumata Y, et al. **Nippon Jinzo Gakkai Shi** 1985 Mar; 27(3):295-302

Conversion from cyclosporine to prednisolone and azathioprine. Safe or unsafe? Adu D, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;

21:998-1001

Follow-up prednisolone dosage in rapidly progressive crescentic glomerulonephritis successfully treated with pulse methylprednisolone or plasma exchange. Stevens ME, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:594-9

Treatment of onyalai with prednisolone, intravenous gammaglobulin and ascorbic acid. A prospective clinical trial. Hesseling PB, et al. **S Afr Med J** 1984 Dec 15; 66(24):917-8

Comparison of oral prednisolone and intramuscular depot triamcinolone in patients with severe chronic asthma [letter] Droszcz W, et al. **Thorax** 1985 Mar;40(3):207-8

[The use of oral corticosteroids in the treatment of human African trypanosomiasis: a retrospective survey in Nioki, Zaire] Pepin J, et al. **Ann Soc Belg Med Trop** 1985; 65(1):17-29 (Eng. Abstr.) **(Fre)**

[Gougerot-Sjögren syndrome with autoimmune thrombopenia treated with cortisone shocks (letter)] Job-Deslandre C, et al. **Rev Rhum Mal Osteoartic** 1985 May;52(5):337 **(Fre)**

[Molecular biology studies of synovial fluid cells of patients with chronic polyarthritis after intra-articular prednisolone medication] Bröll H. **Wien Klin Wochenschr [Suppl]** 1984; 149:1-13 (Eng. Abstr.) **(Ger)**

[Effect of combined use of adrenocortical hormones and domperidone as anti-emetics during cisplatin therapy] Tanaka T, et al. **Gan To Kagaku Ryoho** 1985 May; 12(5):1049-55 (Eng. Abstr.) **(Jpn)**

[Treatment of pemphigus with steroids, with special reference to withdrawal of steroids] Sarashi C, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Sep;94(10):1129-33 **(Jpn)**

[Improvements of gastrointestinal symptoms in a case of AA type amyloidosis by the combination therapy of prednisolone and dimethylsulfoxide] Imai Y, et al. **Nippon Naika Gakkai Zasshi** 1984 Sep;73(9):1358-63 **(Jpn)**

[Pharmacological studies of N-(2-mercapto-2-methylpropanoyl)-L-cysteine (SA96). V. Effects of SA96 in combination with indomethacin or prednisolone on adjuvant arthritis in rats] Yamauchi H, et al. **Nippon Yakurigaku Zasshi** 1985 Apr;85(4):243-8 (Eng. Abstr.) **(Jpn)**

[Evaluation of the effectiveness of bolus doses of prednisolone in steroid-resistant and steroid-dependent nephrotic syndrome in children] Kryński J, et al. **Pediatr Pol** 1985 Feb;60(2):163-8 (Eng. Abstr.) **(Pol)**

[Treatment of aplastic anemia with very high doses of corticosteroids] Górski J, et al. **Wiad Lek** 1984 Nov 1; 37(21):1706-10 (Eng. Abstr.) **(Pol)**

[Combined use of prodigiozan and methyluracil with immunosuppressive drugs in adjuvant arthritis in rats] Sibiriak SV, et al. **Antibiotiki** 1984 Nov;29(11):845-8 (Eng. Abstr.) **(Rus)**

[Effect of long-term glucocorticoid therapy on thyroid function in patients with bronchial asthma] Landyshev IuS, et al. **Klin Med (Mosk)** 1985 Jun;63(6):87-90 (Eng. Abstr.) **(Rus)**

[Multiple reticulohistiocytoma successfully treated with prospidin and prednisolone] Kalamkarian AA, et al. **Vestn Dermatol Venerol** 1985 May;(5):24-7 (Eng. Abstr.) **(Rus)**

[Use of glucocorticoids and insulin in the complex treatment of patients with rheumatoid arthritis] Zaremba EF. **Vrach Delo** 1985 Mar;(3):57-61 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Normal physical and mental development of 6-year-old children whose mothers were treated antenatally with prednisolone. Horváth I, et al. **Acta Paediatr Hung** 1984; 25(4):395-8

Pathologic changes in pigs with prednisolone-induced recrudescence of herpesvirus infection. Narita M, et al. **Am J Vet Res** 1985 Jul;46(7):1506-10

The adverse effect of prolonged prednisolone pretreatment in children with acute lymphoblastic leukemia. Révész T, et al. **Cancer** 1985 Apr 15;55(8):1637-40

Adrenocorticosteroid therapy and gastroduodenal lesions. Okada M, et al. **Gastrointest Endosc** 1985 Jun;31(3):188-90

Disseminated infection associated with corticosteroid therapy after transduodenal sphincteroplasty. Sharma BK, et al. **J Infect** 1985 Jan;10(1):60-4

Persistent immunoglobulin deficiency after prednisolone and antiepileptic therapy in a C2 deficient patient with lupus-like syndrome. Woo P, et al. **J Rheumatol** 1984 Dec; 11(6):828-31

Glaucoma associated with systemic corticosteroid therapy [letter] McDonnell PJ, et al. **Lancet** 1985 Aug 17; 2(8451):386-7

Nephrotic syndrome associated with hyper-high-density lipoproteinemia potentiated by prednisolone therapy. Sasaki J, et al. **Nephron** 1985;41(1):110-3

Bone mass in corticosteroid treated patients with rheumatoid arthritis, asthma and polymyalgia rheumatica. Reid DM, et al. **Scott Med J** 1985 Jan;30(1):54-5

[Infection complicating the local injection of prednisolone] Dong TX. **Chung Hua Wai Ko Tsa Chih** 1984 Sep; 22(9):558-9, 575 (Eng. Abstr.) **(Chi)**

[Bilateral spontaneous rupture of the Achilles tendon due to corticotherapy (letter)] Lambert M, et al. **Presse Med** 1985 May 4;14(18):1038 **(Fre)**

[Effect of previous prednisolone therapy on the survival of children with acute lymphoid leukemia] Révész T, et al. **Orv Hetil** 1984 Dec 23;125(52):3155-9 (Eng. Abstr.) **(Hun)**

[Risk factors in the development of steroid-induced hypertension in patients with nephritis] Kutyrina IM, et al. **Klin Med (Mosk)** 1985 Jun;63(6):44-8 **(Rus)**

[Cases of cataract during treatment of glomerulonephritis in children with prednisolone] Mumladze EB, et al. **Pediatriia** 1985 Mar;(3):71-2 **(Rus)**

[Drug-induced disease--Lyell's syndrome and agranulocytosis--in a young child] Sluchenkova LD, et al. **Pediatriia** 1984 Jul;(7):57-8 **(Rus)**

[Complications of treatment of rheumatic diseases with corticosteroids] Iablokov DD, et al. **Revmatologiia (Moskva)** 1984 Oct-Dec;(4):30-5 **(Rus)**

ANALOGS & DERIVATIVES

Endotoxin-induced hematologic and blood chemical changes in ponies: effects of flunixin meglumine, dexamethasone, and prednisolone. Ewert KM, et al. **Am J Vet Res** 1985 Jan;46(1):24-30

Pharmacokinetics of prednisolone sodium succinate and its metabolites in normovolemic and hypovolemic dogs. Hankes GH, et al. **Am J Vet Res** 1985 Feb;46(2):476-8

Sialodacryoadenitis in the rat: effects of immunosuppression on the course of the disease. Hanna PE, et al. **Am J Vet Res** 1984 Oct;45(10):2077-83

Effect of ophthalmic prednisolone acetate on the canine adrenal gland and hepatic function. Roberts SM, et al. **Am J Vet Res** 1984 Sep;45(9):1711-4

Endotoxic shock in the awake young pig: absence of beneficial effect of prednisolone sodium succinate treatment. Schrauwen EM, et al. **Am J Vet Res** 1985 Aug; 46(8):1770-4

Prednisolone succinate and prednisolone acetate in cattle: pharmacokinetics and action on the adrenal gland. Toutain PL, et al. **Am J Vet Res** 1985 Mar;46(3):719-25

Dexamethasone and prednisolone in the horse: pharmacokinetics and action on the adrenal gland. Toutain PL, et al. **Am J Vet Res** 1984 Sep;45(9):1750-6

Linear hypopigmentation [letter] Litt JZ. **Arch Dermatol** 1985 Jan;121(1):26

Comparison of various pharmaceutical preparations of prednicarbate after repeated topical administration to the skin of rats. Vogel HG, et al. **Arzneimittelforschung** 1985; 35(6):939-46

Efficacy in anterior uveitis of two known steroids and topical tolmetin. Dunne JA, et al. **Br J Ophthalmol** 1985 Feb; 69(2):120-5

Inhibition of contact lens-induced corneal neovascularization in radial keratotomized rabbit eyes. Katz HR, et al. **Cornea** 1984;3(1):65-72

A comparison of prednisolone enemas with low-dose oral prednisolone in the treatment of acute distal ulcerative colitis. Hamilton I, et al. **Dis Colon Rectum** 1984 Nov; 27(11):701-2

Therapeutic benefits from a poorly absorbed prednisolone enema in distal colitis. McIntyre PB, et al. **Gut** 1985 Aug; 26(8):822-4

25-Hydroxycholecalciferol as an antagonist of adverse corticosteroid effects on phosphate and calcium metabolism in man. Nuti R, et al. **J Endocrinol Invest** 1984 Oct; 7(5):445-8

Synthesis of a new anti-inflammatory steroidal acid ester: methyl 11 beta-hydroxy-3,20-dioxo-1,4-pregnadien-21-oate. Khalil MA, et al. **J Pharm Sci** 1985 Feb;74(2):180-3

Short- and long-term effects of postoperative corticosteroids on trabeculectomy. Starita RJ, et al. **Ophthalmology** 1985 Jul;92(7):938-46

Evaluation of a method to study the uptake of prednisolone sodium phosphate from different oral mucosal sites. Pimlott SJ, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul; 60(1):35-7

Systemic effects of chronically administered methyl prednisolonate and methyl 17-deoxyprednisolonate. Olejniczak E, et al. **Steroids** 1984 Jun;43(6):657-62

Oral prednisolone-21-phosphate is absorbed at the same rate and to the same extent as oral prednisolone in normal adults. Olivesi A. **Therapie** 1985 Jan-Feb;40(1):1-4

A comparison of the effects of topical cyclosporine and topical steroid on rabbit corneal allograft rejection. Williams KA, et al. **Transplantation** 1985 Mar;39(3):242-4

[Effect of intra-articular injection of prednisolone in treating organic destruction in the TMJ syndrome] Zhang X. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar;20(2):93-5, 127 (Eng. Abstr.) **(Chi)**

[Treatment of aplastic anemia with very high doses of corticosteroids] Górski J, et al. **Wiad Lek** 1984 Nov 1; 37(21):1706-10 (Eng. Abstr.) **(Pol)**

ANALYSIS

Different mode of prednisolone within alpha-, beta-, and gamma-cyclodextrins in aqueous solution and in solid state. Uekama K, et al. **Pharm Acta Helv** 1985;60(4):117-21

[The stability of prednisolone in urea-containing emulsion ointments of the W/L type] Horsch W, et al. **Pharmazie** 1984 Aug;39(8):576-7 **(Ger)**

BLOOD

The effect of altered prednisolone kinetics in patients with the nephrotic syndrome and in women taking oral contraceptive steroids on human mixed lymphocyte cultures. Frey BM, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):361-9

Prednisone for chronic active hepatitis: pharmacokinetics and serum binding in patients with chronic active hepatitis and steroid major side effects. Uribe M, et al. **J Clin Gastroenterol** 1984 Aug;6(4):331-5

Plasma protein binding interaction of prednisone and prednisolone. Boudinot FD, et al. **J Steroid Biochem** 1984 Sep;21(3):337-9

Prednisolone half-life and T lymphocytes in renal allograft recipients. Walker KB, et al. **Transplant Proc** 1985 Apr; 17(2):1679-81

Pharmacokinetics of 3 prednisolone prodrugs. Evidence of therapeutic inequivalence in renal transplant patients with rejection. Frey BM, et al. **Transplantation** 1985 Mar; 39(3):270-4

DIAGNOSTIC USE

[Corticosteroid therapy test in the evaluation of the reversibility of respiratory airways obstruction] Dangubić V, et al. **Vojnosanit Pregl** 1984 May-Jun;41(3):184-7 (Eng. Abstr.) **(Scr)**

METABOLISM

Prednisolone disposition in obese men. Milsap RL, et al. **Clin Pharmacol Ther** 1984 Dec;36(6):824-31

Effects of cimetidine and ranitidine on the conversion of prednisone to prednisolone. Sirgo MA, et al. **Clin Pharmacol Ther** 1985 May;37(5):534-8

Pharmacokinetics of prednisone and prednisolone at steady state in the rabbit. Unadkat JD, et al. **Drug Metab Dispos** 1985 Jul-Aug;13(4):503-9

Differences in metabolic properties among cortisol, prednisolone, and dexamethasone in liver and renal diseases: accelerated metabolism of dexamethasone in renal failure. Kawai S, et al. **J Clin Endocrinol Metab** 1985 May; 60(5):848-54

Representation and quantitation of the binding interaction between prednisone, prednisolone and corticosteroid binding globulin. Unadkat JD, et al. **J Pharm Pharmacol** 1984 Sep;36(9):582-5

Prednisolone pharmacokinetics in cushingoid and non-cushingoid kidney transplant patients. Bergrem H, et al. **Kidney Int** 1985 Feb;27(2):459-64

Clinical results and cyclosporine effect on prednisolone metabolism of cadaver kidney transplanted patients. Langhoff E, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:963-8

Oral prednisolone-21-phosphate is absorbed at the same rate and to the same extent as oral prednisolone in normal adults. Olivesi A. **Therapie** 1985 Jan-Feb;40(1):1-4

Non-absorption of enteric-coated prednisolone. Normal absorption of non-enteric-coated prednisolone in a patient with Crohn's disease and massive intestinal resection. Olivesi A. **Therapie** 1985 Jan-Feb;40(1):5-7

Inhibition of prednisolone metabolism by cyclosporine in kidney-transplanted patients. Langhoff E, et al. **Transplantation** 1985 Jan;39(1):107-9

[Systemic availability of prednisolone following oral administration of prednisone] Frey BM, et al. **Pharm Acta Helv** 1984;59(11):301-9 (Eng. Abstr.) **(Ger)**

[A comparative study of the accelerated metabolism of cortisol, prednisolone and dexamethasone in patients under rifampicin therapy] Kawai S. **Nippon Naibunpi Gakkai Zasshi** 1985 Mar 20;61(3):145-61 (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

Glucocorticoid-induced alteration of beta-adrenergic adenylate cyclase response of epidermis. Ohkawara A, et al. **Arch Dermatol Res** 1985;277(2):88-92

The histopathology of corneal neovascularization. Inhibitor effects. Robin JB, et al. **Arch Ophthalmol** 1985 Feb; 103(2):284-7

Effect of corticosteroids on electrolyte transport of the isolated human and rabbit lens. Kana JS, et al. **Curr Eye Res** 1985 Apr;4(4):461-5

Prednisolone decreases exercise-induced acid hydrolase response in mouse skeletal muscle. Kihlström M, et al. **Eur J Applied Physiol** 1984;53(1):53-6

Inhibition of the ACTH adrenal response to stress by treatment with hydrocortisone, prednisolone and dexamethasone in the rat. Baumann JB, et al. **Horm Res** 1985;21(4):254-60

Effect of prednisolone on serum creatine phosphokinase. Gupta RC, et al. **Indian J Physiol Pharmacol** 1984 Jul-Sep; 28(3):243-4

The effect of steroids on the circulating lymphocyte population--VI. Studies of the thoracic duct T- and B-lymphocyte populations after neonatal thymectomy and prednisolone treatment. An immunofluorescence study in the rat. Hedman LA, et al. **Int J Immunopharmacol** 1984; 6(4):357-63

Steroids reduce complement activation in rheumatoid arthritis. Brandslund I, et al. **Int J Tissue React** 1985;

7(2):161-5

Lymphocytotoxic donor-specific response to fresh and stored blood. An experiment in immunosuppressed rhesus monkies (brief communication). Galvão MM, et al. **Int Urol Nephrol** 1984;16(3):253-7

Pharmacokinetics and pharmacodynamics of three different prednisolone prodrugs: effect on circulating lymphocyte subsets and function. Frey BM, et al. **J Immunol** 1984 Nov; 133(5):2479-87

Effect of prednisolone on the toxicity of Bordetella pertussis for mice. Parton R. **J Med Microbiol** 1985 Jun; 19(3):391-400

Combination effects of Shosaikoto (Chinese traditional medicine) and prednisolone on the anti-inflammatory action. Shimizu K, et al. **J Pharmacobiodyn** 1984 Dec; 7(12):891-9

Effects of steroid hormones on DNA synthesis and insulin production of isolated foetal rat pancreatic islets in tissue culture. Khatim MS, et al. **Med Biol** 1984;62(3):210-3

Influence of alternate-day prednisolone administration on urinary electrolyte excretion. Kumagai H, et al. **Miner Electrolyte Metab** 1985;11(1):52-6

Effect of prednisolone on the fatty acid composition and the formation of arachidonate metabolites in human keratinocytes in culture. Puustinen T, et al. **Prostaglandins Leukotrienes Med** 1985 Jun;18(3):293-9

Experimentally induced streptococcal carditis and arthritis in mice treated with anti-macrophage antiserum and prednisolone. Nishimura T. **Ryumachi** 1984 Oct: 24(5):352-65

The stabilizing effect of glucocorticoids on human endothelial cells in culture. Järveläinen H, et al. **Scand J Clin Lab Invest** 1985 May;45(3):223-8

Systemic effects of chronically administered methyl prednisolonate and methyl 17-deoxyprednisolonate. Olejniczak E, et al. **Steroids** 1984 Jun;43(6):657-62

Variable inhibition of mitogen-induced blastogenesis in human lymphocytes by prednisolone in vitro. Walker KB, et al. **Transplant Proc** 1985 Apr;17(2):1676-8

[Animal experiments on the reaction of dental hard substance to corticoids] Radtke G, et al. **Padiatr Grenzgeb** 1985; 24(2):167-74 (Eng. Abstr.) **(Ger)**

[Biochemical aspects of endotoxicosis in rat: lipid peroxide formation and the effect of free radical scavengers] Sekigawa T. **Bull Chest Dis Res Inst Kyoto Univ** 1984 Mar; 17(1-2):1-19 (Eng. Abstr.) **(Jpn)**

[Effect of prodigiozan and lysozyme on the surface structures of macrophages after immunosuppression] Shcherbakova EG, et al. **Antibiotiki** 1984 Nov;29(11):840-4 (Eng. Abstr.) **(Rus)**

[Effect of prednisolone, hyperbaric oxygenation and their combination on the glucose content of the blood and glycogen in the organs of white rats] Gonchar VI, et al. **Farmakol Toksikol** 1985 May-Jun;48(3):61-6 (Eng. Abstr.) **(Rus)**

SECRETION

Prednisolone excretion in human milk. Ost L, et al. **J Pediatr** 1985 Jun;106(6):1008-11

THERAPEUTIC USE

Steroids and Adriamycin nephrosis. Bertani T, et al. **Appl Pathol** 1984;2(1):32-8

Prognosis and treatment of polymyositis with particular reference to steroid resistant patients. Yoshioka M, et al. **Arch Dis Child** 1985 Mar;60(3):236-44

Correct medication identified [letter] Kashani SR, et al. **Arch Phys Med Rehabil** 1985 May;66(5):337

Beneficial effect of corticosteroid therapy in microsporum canis kerion. Keipert JA. **Australas J Dermatol** 1984 Dec; 25(3):127-30

The effects of the administration of tamoxifen, ethynyloestradiol, and prednisolone on the activities of certain enzymes of carbohydrate metabolism in primary human breast carcinomas in vivo. Deshpande N, et al. **Br J Cancer** 1985 Aug;52(2):241-4

Corticosteroid treatment in rheumatoid arthritis. Myles A. **Br J Rheumatol** 1985 May;24(2):125-7

Effect of prednisolone on hormone profiles during primary endocrine treatment of advanced breast cancer. Blackburn AM, et al. **Cancer Treat Rep** 1984 Dec;68(12):1447-53

Anaphylactoid reaction to angiographic contrast media: recurrence despite pretreatment with corticosteroids. Mohan JC, et al. **Cathet Cardiovasc Diagn** 1984;10(5):465-9

The mechanism of action of corticosteroids on glomerular injury in acute serum sickness in rabbits. Tipping PG, et al. **Clin Exp Immunol** 1985 Mar;59(3):555-63

Erythema multiforme--response to corticosteroid. Ting HC, et al. **Dermatologica** 1984;169(4):175-8

Prednisolone pulse therapy for childhood systemic lupus erythematosus with prominent dermatomyositis. A case report. Wollina U, et al. **Dermatologica** 1985;171(1):45-8

High-dose medroxyprogesterone acetate versus prednisolone in hormone-resistant prostatic cancer. A pilot study. Fosså SD, et al. **Eur Urol** 1985;11(1):11-6

Effects of glucocorticoids on experimental allergic neuritis. King RH, et al. **Exp Neurol** 1985 Jan;87(1):9-19

Improvement of endoscopic and histologic findings of AA-type gastrointestinal amyloidosis by treatment with dimethyl sulfoxide and prednisolone. Takahashi A, et al. **Gastroenterol Jpn** 1985 Apr;20(2):143-7

Collagenous colitis: possible response to sulfasalazine and local steroid therapy. Farah DA, et al. **Gastroenterology** 1985 Mar;88(3):792-7

Combination of short-term prednisolone and adenine arabinoside in the treatment of chronic hepatitis B. A controlled study. Yokosuka O, et al. **Gastroenterology** 1985 Aug;89(2):246-51

Severity of nephropathy & steroid resistance in focal segmental glomerulosclerosis. Bhuyan UN, et al. **Indian J Med Res** 1984 May;79:657-65

Steroid therapy for male infertility associated with antisperm antibodies. Results of a small randomized clinical trial. De Almeida M, et al. **Int J Androl** 1985 Apr;8(2):111-7

High single-dose alternate-day corticosteroid regimens in treatment of polymyositis. Uchino M, et al. **J Neurol** 1985; 232(3):175-8

Rare association of herpes simplex virus IgM-specific antibodies and Guillain-Barré syndrome successfully treated with plasma exchange and immunosuppression. Gerken G, et al. **Klin Wochenschr** 1985 May 15; 63(10):468-74

Re: Bell's palsy: the steroid controversy revisited [letter] Devriese PP. **Laryngoscope** 1985 Apr;95(4):484-5

The outpatient treatment of nerve damage in patients with borderline leprosy using a semi-standardized steroid regimen. Kiran KU, et al. **Lepr Rev** 1985 Jun;56(2):127-34

Failure of prednisolone to suppress carbamazepine hypersensitivity [letter] Hampton KK, et al. **N Engl J Med** 1985 Oct 10;313(15):959

Short-term and long-term survival in patients with alcoholic hepatitis treated with oxandrolone and prednisolone. Mendenhall CL, et al. **N Engl J Med** 1984 Dec 6; 311(23):1464-70

Sodium retention in nephrotic syndrome is due to an intrarenal defect: evidence from steroid-induced remission. Brown EA, et al. **Nephron** 1985;39(4):290-5

Changes in total body calcium after renal transplantation: effect of low-dose steroid regime. Eastell R, et al. **Nephron** 1985;40(2):139-42

Experience with cyclosporin/prednisolone therapy in kidney transplantation, with special reference to nephrotoxicity, ATN and kidney preservation. Pichlmayr R, et al. **Neth J Med** 1985;28(6):268-71

Steroid sensitive systemic disease with anaemia in the elderly: a manifestation of giant cell arteritis? Allison MC, et al. **Postgrad Med J** 1985 Jun;61(716):501-3

Prednisolone in terminal breast and bronchogenic cancer. Twycross RG, et al. **Practitioner** 1985 Jan;229(1399):57-9

Psychological changes and improvement in chronic airflow limitation after corticosteroid treatment. Mitchell DM, et al. **Thorax** 1984 Dec;39(12):924-7

Comparison of oral prednisolone and intramuscular depot triamcinolone in patients with severe chronic asthma [letter] Skinner C. **Thorax** 1984 Nov;39(11):880

The Eaton-Lambert myasthenic syndrome and long-term treatment with prednisolone. Kimura I, et al. **Tohoku J Exp Med** 1984 Aug;143(4):405-8

[Treatment of bullous pemphigoid with prednisolone only: 0.75 mg/kg/day versus 1.25 mg/kg/day. A multicenter randomized study] Morel P, et al. **Ann Dermatol Venereol** 1984;111(10):925-8 (Eng. Abstr.) **(Fre)**

[Treatment of bullous pemphigoid by plasma exchange and prednisolone] Guillaume JC, et al. **Presse Med** 1985 May 18;14(20):1139-42 (Eng. Abstr.) **(Fre)**

[Prognosis and indications of corticosteroid treatment of intrathoracic sarcoidosis--conclusions from a prospective study] Eule H, et al. **Z Erkr Atmungsorgane** 1985; 164(1):43-59 (Eng. Abstr.) **(Ger)**

[Treatment of viral hepatitis. a) Immunopotentiator and steroids] Suga M, et al. **Hokkaido Igaku Zasshi** 1984 May; 59(3):234-8 **(Jpn)**

[Roentgenological features of disseminated tuberculosis following long-term corticosteroid therapy] Kato A, et al. **Kekkaku** 1984 Jul;59(7):421-8 (Eng. Abstr.) **(Jpn)**

[Primary malignant lymphoma of the brain with marked size reduction by administration of prednisolone. Case report] Kobayashi S, et al. **Neurol Med Chir (Tokyo)** 1985 Feb; 25(2):125-30 (Eng. Abstr.) **(Jpn)**

[Long-term follow-up of Cogan's syndrome. Vestibuloauditory symptoms and steroid therapy] Saito R, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Dec; 87(12):1672-7 (Eng. Abstr.) **(Jpn)**

[Eosinophilic fasciitis: case reports and review] Tomosugi N, et al. **Nippon Naika Gakkai Zasshi** 1984 Dec; 73(12):1823-30 **(Jpn)**

[Three cases of chronic idiopathic thrombocytopenic purpura (ITP) with inadequate response to prednisolone. Successful splenectomy after a high-dose intravenous administration of immunoglobulin] Yamaguchi H, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1630-4 (Eng. Abstr.) **(Jpn)**

[Lumbosacral radiation myeloneuropathy. Report of a case and effects of prednisolone treatment] Matsumura K, et al. **Rinsho Shinkeigaku** 1984 Jul;24(7):686-92 (Eng. Abstr.) **(Jpn)**

[Use of glucocorticosteroids in infectious endocarditis] Chipigina NS, et al. **Revmatologiia (Moskva)** 1984 Oct-Dec; (4):24-30 (Eng. Abstr.) **(Rus)**

[Evaluation of therapeutic effectiveness of prednisolone in patients with chronic active hepatitis based on the morphometry of liver biopsy specimens] Mansurov KhKh, et al. **Ter Arkh** 1985;57(2):77-80 (Eng. Abstr.) **(Rus)**

[Restoration of adrenal cortex function in a patient with Addison's disease of 20-years' duration] Zefirova GS, et al. **Ter Arkh** 1984;56(11):128-9 **(Rus)**

[Morphological criteria for predicting the effectiveness of treatment of glomerulonephritis with glucocorticoids and cytostatics] Taran EI, et al. **Vrach Delo** 1985 Mar;(3):64-8 (Eng. Abstr.) **(Rus)**

TOXICITY

Collagen synthesis and degradation in acutely damaged mouse lung tissue following treatment with prednisolone. Kehrer JP. **Biochem Pharmacol** 1985 Jul 15;34(14):2519-24

Effects of various agents on prednisolone-induced gastric lesions in rats. Nobuhara Y, et al. **Jpn J Pharmacol** 1985 Jun;38(2):219-22

PREDNISOLONE, TOPICAL

ANALYSIS

[The effect of urea on the release of prednisolone from L/W and W/L salves with reduced drug concentrations] Horsch W, et al. **Pharmazie** 1984 Jun;39(6):431-2 **(Ger)**

THERAPEUTIC USE

[Alternating administration in external therapy with corticosteroids in daily practice] Lohfink HD, et al. **Z Arztl Fortbild (Jena)** 1984;78(17):721-3 **(Ger)**

PREDNISONE

High-dose inhaled budesonide in treatment of severe steroid-dependent asthmatics. Laursen LC, et al. **Clin Physiol** 1985;5 Suppl 3:85-7

ADMINISTRATION & DOSAGE

Fever on drug-free day of alternate-day steroid therapy [letter] Jacobs JC. **Am J Med** 1984 Nov;77(5):A89, A92

Liver transplantation with cyclosporine and low-dose corticosteroids. Williams JW, et al. **Am Surg** 1985 Mar; 51(3):155-7

Vindesine-prednisone in the treatment of blast crisis of chronic myeloid leukemia. Lemoine F, et al. **Cancer Treat Rep** 1985 Feb;69(2):203-4

Atopic asthma: T-cell response to corticosteroids. Gerblich A, et al. **Chest** 1985 Jan;87(1):44-50

Alternate-day prednisone reduces morbidity and improves pulmonary function in cystic fibrosis. Auerbach HS, et al. **Lancet** 1985 Sep 28;2(8457):686-8

Intravenous immunoglobulin versus oral corticosteroids in acute immune thrombocytopenic purpura in childhood. Imbach P, et al. **Lancet** 1985 Aug 31;2(8453):464-8

Effects of short-term, high-dose prednisone treatment of patients with HBsAg-positive chronic active hepatitis. Nair PV, et al. **Liver** 1985 Feb;5(1):8-12

Immunosuppressive drugs plus prednisone versus prednisone alone in lupus nephritis [letter] **N Engl J Med** 1985 Apr 4;312(14):921-2

Evidence for the superiority of immunosuppressive drugs and prednisone over prednisone alone in lupus nephritis. Results of a pooled analysis. Felson DT, et al. **N Engl J Med** 1984 Dec 13;311(24):1528-33

Cyclosporine alone or in combination with prednisone in cadaveric renal transplantation. Thiel G, et al. **Transplant Proc** 1984 Oct;16(5):1187-90

[Large dose of prednisone in the treatment of the oculomuscular type of myasthenia gravis] Wang DC. **Chung Hua Yen Ko Tsa Chih** 1984 Jul;20(4):245-7 **(Chi)**

[Behçet's disease] Voipio-Pulkki LM, et al. **Duodecim** 1985; 101(10):994-1001 (Eng. Abstr.) **(Fin)**

[Phase II study of the treatment of CML blast crisis with vindesine and prednisone] Jehn U, et al. **Onkologie** 1984 Dec;7(6):342-5 (Eng. Abstr.) **(Ger)**

[Plasmapheresis and immunosuppressive drugs in the treatment of multiple sclerosis] Cendrowski W. **Neurol Neurochir Pol** 1984 May-Jun;18(3):259-62 (12 ref.) **(Pol)**

[Case of pemphigus of the oral mucosa with complete remission after treatment with corticosteroids and immunosuppressive agents] Sienkiewicz H, et al. **Otolaryngol Pol** 1984;38(2):177-9 (Eng. Abstr.) **(Pol)**

[Effect of immunosuppressive, anticoagulant and anti-inflammatory agents on experimental glomerulonephritis. IV. Encorton and immuran] Gawlik Z, et al. **Patol Pol** 1984 Jan-Mar;35(1):77-90 (Eng. Abstr.) **(Pol)**

[Effect of immunosuppressive, anticoagulant and anti-inflammatory agents on experimental glomerulonephritis. V. Purinethol, leukeran, encorton and curantyl] Lewandowska T, et al. **Patol Pol** 1984 Jan-Mar; 35(1):91-103 (Eng. Abstr.) **(Pol)**

[Effect of immunosuppressive, anticoagulant and anti-inflammatory agents on experimental glomerulonephritis. VI. Encorton, immuran and cyclophosphamide] Tyszkiewicz Z, et al. **Patol Pol** 1984 Jan-Mar;35(1):105-14 (Eng. Abstr.) **(Pol)**

[Suppression of an anti-factor VIII inhibitor using the simultaneous administration of prednisone and factor VIII (letter)] Díaz Cremades JM. **Sangre (Barc)** 1985;30(1):59-60 **(Spa)**

ADVERSE EFFECTS

Vessel rupture by balloon catheters complicating chronic steroid therapy. Lois JF, et al. **AJR** 1985 May; 144(5):1073–4

Guillain–Barré syndrome following danazol and corticosteroid therapy for hereditary angioedema. Hory B, et al. **Am J Med** 1985 Jul;79(1):111–4

Malakoplakia and immunosuppressive therapy. Reversal of clinical and leukocyte abnormalities after withdrawal of prednisone and azathioprine. Biggar WD, et al. **Am J Pathol** 1985 Apr;119(1):5–11

Steroid–dependent nephrotic syndrome in lupus nephritis. Response to chlorambucil. Abuelo JG, et al. **Arch Intern Med** 1984 Dec;144(12):2411–2

Cataracts in childhood leukaemia. Elliott AJ, et al. **Br J Ophthalmol** 1985 Jun;69(6):459–61

Bone loss after glucocorticoid therapy. Lo Cascio V, et al. **Calcif Tissue Int** 1984 Jul;36(4):435–8

Corneomalacia perforans in a patient with rheumatoid arthritis. Mohan M, et al. **Can J Ophthalmol** 1984 Aug; 19(5):237–9

Multifocal aggressive lymphoma of the gastrointestinal tract in a renal transplant patient treated with cyclosporin A and prednisone. Castro CJ, et al. **Cancer** 1985 Apr 15; 55(8):1665–7

Kaposi's sarcoma after immunosuppressive therapy for bullous pemphigoid. Scaparro E, et al. **Dermatologica** 1984; 169(3):156–9

Effect of prednison therapy on serum levels of thyroxine (T4), triiodothyronine (T3), reverse triiodothyronine (rT3), T3–binding capacity, basal TSH level and TSH response to thyreoliberin (TRH) in children. Słuszkiewicz E. **Exp Clin Endocrinol** 1985 Apr;85(2):191–8

Steroid myopathy: incidence and detection in a population with asthma. Bowyer SL, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):234–42

Bilateral adrenal hemorrhage associated with prior steroid use: CT diagnosis. Lundstrom GK, et al. **J Can Assoc Radiol** 1985 Mar;36(1):58–60

Evidence that prednisone–induced myopathy is reversed by physical training. Horber FF, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):83–8

Pituitary–adrenal responsiveness to corticotropin–releasing hormone in patients receiving chronic, alternate day glucocorticoid therapy. Schürmeyer TH, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):22–7

Neonatal pancytopenia and severe combined immunodeficiency associated with antenatal administration of azathioprine and prednisone. DeWitte DB, et al. **J Pediatr** 1984 Oct;105(4):625–8

Prednisone–induced hypercalcaemia in a patient with sarcoidosis and primary hyperparathyroidism. Pols HA, et al. **Neth J Med** 1985;28(5):201–4

Hypogammaglobulinaemia associated with long term, low dose steroid therapy. Lee RJ, et al. **Postgrad Med J** 1985 Jun;61(716):523–4

Failure of bone scanning to detect fractures in a woman on chronic steroid therapy. Scott S, et al. **Skeletal Radiol** 1984; 12(3):204–7

Synovial calcifications associated with long–term steroid therapy for chronic arthritis. Stelling CB, et al. **South Med J** 1984 Nov;77(11):1455–7

Nocardiosis in patients treated with corticosteroids. A report on three cases. Macfarlane DE, et al. **West Indian Med J** 1985 Jun;34(2):134–8

[Corticotherapy and surgery. Apropos of 73 cases] Wechsler B, et al. **Ann Med Interne (Paris)** 1985;136(4):290–300 (Eng. Abstr.) **(Fre)**

[Hypereosinophilic syndrome with an anomalous response to treatment with corticoids (letter)] Juan G, et al. **Sangre (Barc)** 1985;30(2):198–9 **(Spa)**

ANALYSIS

Systematic error associated with apparatus 2 of the USP dissolution test V: Interaction of two tableted prednisone formulations with glass and plastic vessels. Cox DC, et al. **J Pharm Sci** 1984 Aug;73(8):1125–7

BLOOD

Plasma protein binding interaction of prednisone and prednisolone. Boudinot FD, et al. **J Steroid Biochem** 1984 Sep;21(3):337–9

METABOLISM

Effects of cimetidine and ranitidine on the conversion of prednisone to prednisolone. Sirgo MA, et al. **Clin Pharmacol Ther** 1985 May;37(5):534–8

Pharmacokinetics of prednisone and prednisolone at steady state in the rabbit. Unadkat JD, et al. **Drug Metab Dispos** 1985 Jul–Aug;13(4):503–9

Representation and quantitation of the binding interaction between prednisone, prednisolone and corticosteroid binding globulin. Unadkat JD, et al. **J Pharm Pharmacol** 1984 Sep;36(9):582–5

[Systemic availability of prednisolone following oral administration of prednisone] Frey BM, et al. **Pharm Acta Helv** 1984;59(11):301–9 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

In vitro and in vivo bioequivalence of commercial prednisone tablets. Francisco GE, et al. **Biopharm Drug Dispos** 1984 Oct–Dec;5(4):335–44

Skeletal challenge: an experimental study of pharmacologically induced changes in bone density in the distal radius, using gamma–ray computed tomography. Hangartner TN, et al. **Calcif Tissue Int** 1985 Jan;37(1):19–24

Prednisone for chronic active hepatitis: pharmacokinetics and serum binding in patients with chronic active hepatitis and steroid major side effects. Uribe M, et al. **J Clin Gastroenterol** 1984 Aug;6(4):331–5

Corticosteroid therapy and periodontal disease. Safkan B, et al. **J Clin Periodontol** 1984 Sep;11(8):515–22

A comparison of the effects of cyclosporin A and standard agents on primary wound healing in the rat. Eisinger DR, et al. **Surg Gynecol Obstet** 1985 Feb;160(2):135–8

[Renal excretion of amino acids after administration of prednisone and Imuran with emphasis on their excretion by transplanted kidneys] Nádvorníková H, et al. **Cas Lek Cesk** 1985 Aug 23;124(34):1066–9 (Eng. Abstr.) **(Cze)**

THERAPEUTIC USE

Effect of traditional Chinese medicine 'zi yin jiang huo' and 'wen bu shen yang' on adrenocortical function in children with nephrotic syndrome receiving long–term large dosage glucocorticosteroid. Cai DP, et al. **Acta Acad Med Wuhan** 1984;4(4):231–5

The pathology of the spleen in steroid–treated immune thrombocytopenic purpura. Hassan NM, et al. **Am J Clin Pathol** 1985 Oct;84(4):433–8

Intravenous gammaglobulin in refractory immune thrombocytopenic purpura: efficacy with or without concomitant steroid therapy. Abrams RA, et al. **Am J Hematol** 1985 Jan;18(1):85–9

Steroid–induced hypersegmentation in neutrophiles. Eichacker P, et al. **Am J Hematol** 1985 Jan;18(1):41–5

Therapy of chronic relapsing thrombotic thrombocytopenic purpura with prednisone and azathioprine. Moake JL, et al. **Am J Hematol** 1985 Sep;20(1):73–9

Cyclosporine–steroid combination therapy in 84 cadaveric renal transplants. Gordon RD, et al. **Am J Kidney Dis** 1985 Jun;5(6):307–12

Results of the Minnesota randomized prospective trial of cyclosporine versus azathioprine–antilymphocyte globulin for immunosuppression in renal allograft recipients. Sutherland DE, et al. **Am J Kidney Dis** 1985 Jun; 5(6):318–27

Polymyalgia rheumatica. Duration of therapy and long–term outcome. Ayoub WT, et al. **Am J Med** 1985 Sep; 79(3):309–15

Pathology of hepatic transplantation: A review of 62 adult allograft recipients immunosuppressed with a cyclosporine/steroid regimen. Demetris AJ, et al. **Am J Pathol** 1985 Jan;118(1):151–61

Prednisone therapy for children with newly diagnosed idiopathic thrombocytopenic purpura. A randomized clinical trial. Buchanan GR, et al. **Am J Pediatr Hematol Oncol** 1984 Winter;6(4):355–61

Effect of corticosteroids on bronchial responsiveness to methacholine in asthmatic children. Bhagat RG, et al. **Am Rev Respir Dis** 1985 Jun;131(6):902–6

Sarcoid meningoencephalitis treated with high–dosage steroids and radiation [letter] Feibelman RY, et al. **Ann Intern Med** 1985 Jan;102(1):136

Seizures and steroids [editorial] Robinson RO. **Arch Dis Child** 1985 Feb;60(2):94–5

Behçet's syndrome complicated by cutaneous leukocytoclastic vasculitis. Response to prednisone and chlorambucil. Plotkin GR, et al. **Arch Intern Med** 1985 Oct;145(10):1913–5

Correct medication identified [letter] Kashani SR, et al. **Arch Phys Med Rehabil** 1985 May;66(5):337

Immunosuppression with corticosteroids and thymectomy in myasthenia gravis: an evaluation of immediate and short term results in 20 patients. de Assis JL, et al. **Arq Neuropsiquiatr** 1985 Mar;43(1):17–21

Beneficial effect of intravenous cyclophosphamide and oral prednisone on D–penicillamine–associated bronchiolitis obliterans. van de Laar MA, et al. **Arthritis Rheum** 1985 Jan;28(1):93–7

Graft–versus–host disease prophylaxis with anti–T–cell monoclonal antibody OKT3, prednisone and methotrexate in allogeneic bone–marrow transplantation. Filipovich AH, et al. **Br J Haematol** 1985 May;60(1):143–52

Pneumocystis carinii pneumonia in the acquired immune deficiency syndrome: response to inadvertent steroid therapy. MacFadden DK, et al. **Can Med Assoc J** 1985 May 15;132(10):1161–3

Treatment of chronic myeloid leukemia blast crisis with vindesine and prednisone. Jehn U, et al. **Cancer Treat Rep** 1985 Apr;69(4):445–8

Adult bronchiolitis. Evaluation by bronchoalveolar lavage and response to prednisone therapy. Dorinsky PM, et al. **Chest** 1985 Jul;88(1):58–63

Reactivation of bleomycin lung toxicity following oxygen administration. A second response to corticosteroids. Gilson AJ, et al. **Chest** 1985 Aug;88(2):304–6

Long–term hemodynamic follow–up of cardiac transplant patients treated with cyclosporine and prednisone. Greenberg ML, et al. **Circulation** 1985 Mar;71(3):487–94

ACTH versus prednisone and placebo in herpes zoster treatment. Clemmensen OJ, et al. **Clin Exp Dermatol** 1984 Nov;9(6):557–63

Acute pancreatitis in systemic lupus erythematosus (SLE). Successful treatment with plasmapheresis after failure of prednisone. Zanen S, et al. **Clin Exp Rheumatol** 1983 Oct–Dec;1(4):341–4

Testicular function after renal transplantation: comparison of Cyclosporin A with azathioprine and prednisone combination regimes. Handelsman DJ, et al. **Clin Nephrol** 1984 Sep;22(3):144–8

Spontaneous remissions in frequently relapsing and steroid dependent idiopathic nephrotic syndrome. Wingen AM, et al. **Clin Nephrol** 1985 Jan;23(1):35–40

Desquamative interstitial pneumonia responsive to chloroquine. Leahy F, et al. **Clin Pediatr (Phila)** 1985 Apr; 24(4):230–2

A therapeutic index that predicts the individual effects of prednisone in patients with cirrhosis. Christensen E, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):156–65

Comparative efficacy of adenine arabinoside 5' monophosphate and prednisone withdrawal followed by adenine arabinoside 5' monophosphate in the treatment of chronic active hepatitis type B. Perrillo RP, et al. **Gastroenterology** 1985 Mar;88(3):780–6

Changes of laboratory variables with time in cirrhosis: prognostic and therapeutic significance. Christensen E, et al. **Hepatology** 1985 Sep–Oct;5(5):843–53

Detection of anti–HBc IgM following prednisone treatment in patients with chronic active hepatitis B virus infection. Nowicki MJ, et al. **Hepatology** 1984 Nov–Dec;4(6):1129–33

Immunosuppressive treatment of HBsAg–positive chronic liver disease: significance of HBeAg. Tage–Jensen U, et al. **Hepatology** 1985 Jan–Feb;5(1):47–9

The recurrence of alveolitis in interstitial lung disease. DiFilippo NM. **IMJ** 1984 Dec;166(6):441–2

Follow–up studies on proliferative T cell responses in cadaveric kidney graft recipients under combined immunosuppressive treatment with cyclosporine and prednisone. Irschick EU, et al. **Immunobiology** 1985 Mar; 169(2):128–38

Increased frequency of steroid non–responsive nephrotic syndrome in Iranian children. Saberi MS, et al. **Indian J Pediatr** 1985 Jan–Feb;52(414):67–71

Prednisone versus placebo in membranoproliferative glomerulonephritis: long–term clinicopathological correlations. Mota–Hernandez F, et al. **Int J Pediatr Nephrol** 1985 Jan–Mar;6(1):25–8

Acne and hyperandrogenism: impact of lowering androgen levels with glucocorticoid treatment. Nader S, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):256–9

Pemphigus vulgaris: results of treatment with gold as a steroid–sparing agent in a series of thirteen patients. Poulin Y, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):851–7

Lack of objective improvement in ventricular systolic function in patients with myocarditis treated with azathioprine and prednisone. Hosenpud JD, et al. **J Am Coll Cardiol** 1985 Oct;6(4):797–801

Role of steroids in the treatment of infectious mononucleosis in the ambulatory college student. Collins M, et al. **J Am Coll Health** 1984 Dec;33(3):101–5

Nontraditional treatment of mycosis fungoides in a dog. Bender WM. **J Am Vet Med Assoc** 1984 Oct 15; 185(8):900–1

Effect of immunosuppressive drug therapy on blood urea nitrogen concentration in dogs with azotemia. Finco DR, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):664–5

Muscle hypertrophy and a syndrome of continuous motor unit activity in prednisone–responsive Guillain–Barré polyneuropathy. Vasilescu C, et al. **J Neurol** 1984; 231(5):276–9

Inclusion body myositis: a case with associated collagen vascular disease responding to treatment. Lane RJ, et al. **J Neurol Neurosurg Psychiatry** 1985 Mar;48(3):270–3

Childhood acute idiopathic thrombocytopenic purpura: how many tests and how much treatment required? Buchanan GR. **J Pediatr** 1985 Jun;106(6):928–30

Life–saving immunosuppressive treatment in severe autoimmune chronic active hepatitis. Maggiore G, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):655–8

Inefficacy of immunosuppressive treatment in HBSAg–positive, delta–negative, moderate chronic active hepatitis in children. Vajro P, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb;4(1):26–31

Suppression of the alveolitis in pulmonary sarcoidosis by oral corticosteroids. Rossi GA, et al. **Lung** 1985;163(2):83–93

Response rate and survival in myeloma patients receiving prednisone alone. McIntyre OR, et al. **Med Pediatr Oncol** 1985;13(5):239–43

Steroid–responsive dysphagia: a clue to the diagnosis of esophageal lymphoma. Field SP, et al. **Mt Sinai J Med (NY)** 1984 Jul–Aug;51(4):451–4

Treatment of acute rejection of renal allografts with antithymocyte globulin or high–dosage prednisone. Influence of recipient DRw6 and DR matching. Hoitsma AJ, et al. **Neth J Med** 1985;28(6):239–42

Combined azathioprine and prednisone in chronic inflammatory–demyelinating polyneuropathy. Dyck PJ, et al. **Neurology** 1985 Aug;35(8):1173–6

Steroid responsive nephrotic syndrome in a diabetic patient [letter] Reddy J, et al. **NZ Med J** 1985 Feb 13;98(772):76–7

Clinical efficacy of prednisone in the treatment of patients with oral inflammatory ulcerative diseases: a study of fifty–five patients. Silverman S Jr, et al.

Oral Surg Oral Med Oral Pathol 1985 Apr;59(4):360-3

Cicatricial pemphigoid in a 6-year-old child: report of a case and review of the literature. Rosenbaum MM, et al. **Pediatr Dermatol** 1984 Jul;2(1):13-22 (46 ref.)

Progressive diaphyseal dysplasia: evaluation of corticosteroid therapy. Naveh Y, et al. **Pediatrics** 1985 Feb;75(2):321-3

Adult-onset nephrotic syndrome with minimal changes: response to corticosteroids and cyclophosphamide. Nolasco F, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:588-93

Clinico-pathological study on the nephrotic syndrome in Jamaican children. Swaby ED, et al. **West Indian Med J** 1984 Jun;33(2):97-105

[Steroid therapy and causes of death in dermatomyositis--report of 16 cases] Shi GY. **Chung Hua Nei Ko Tsa Chih** 1984 Dec;23(12):743-5, 790 (Eng. Abstr.) **(Chi)**

[Chronic discoid lupus erythematosus; who is afraid of the red wolf?] van Joost T, et al. **Ned Tijdschr Geneeskd** 1985 Apr 27;129(17):769-71 **(Dut)**

[Long-term observations of Wegener's disease. Results of treating recurrences] Bohn T, et al. **Dtsch Med Wochenschr** 1985 Apr 19;110(16):642-4 (Eng. Abstr.) **(Ger)**

[Correlation of acetylcholine receptor antibodies and clinical severity of myasthenia gravis in combined immunosuppressive therapy] Schumm F, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(4):224-30 (Eng. Abstr.) **(Ger)**

[Amount of circulating acetylcholine receptor antibodies in the course of myasthenia, following thymectomy and in immunosuppressive therapy] Patzold U, et al. **Nervenarzt** 1984 Aug;55(8):426-31 **(Ger)**

[Initial modification of ACE levels by various corticoid doses in patients with sarcoidosis II] Rühle KH, et al. **Prax Klin Pneumol** 1985 Jan;39(1):15-8 (Eng. Abstr.) **(Ger)**

[Comparison of therapeutic approaches in subacute thyroiditis] Hnilica P. **Bratisl Lek Listy** 1985 Jun; 83(6):678-82 (Eng. Abstr.) **(Slo)**

[Biometric analysis of the effect of prednisone on biochemical indicators in non-A, non-B hepatitis] Mikulecký M, et al. **Vnitr Lek** 1985 Jan;31(1):47-54 (Eng. Abstr.) **(Slo)**

[Cogan's syndrome. Recovery from sudden hearing loss after prompt treatment with corticosteroids] Sabaté Casellas J, et al. **Med Clin (Barc)** 1985 May 4;84(17):694-6 (Eng. Abstr.) **(Spa)**

[Primary corticosteroid-resistant nephrotic syndrome in pediatrics] Tuya CO, et al. **Medicina (B Aires)** 1984; 44(1):1-7 (Eng. Abstr.) **(Spa)**

[Essential monoclonal cryoglobulinemia] Carrasco M, et al. **Rev Med Chil** 1984 Nov;112(11):1149-52 (Eng. Abstr.) **(Spa)**

PRE-ECLAMPSIA

BLOOD

Adrenaline and preeclampsia. Oian P, et al. **Acta Med Scand [Suppl]** 1985;693:29-32

beta-thromboglobulin (beta-TG) and platelet factor 4 (PF4) in obstetrical cases. Arocha-Piñango CL, et al. **Acta Obstet Gynecol Scand** 1985;64(2):115-20

Copper and zinc in pre-eclampsia. Kiilholma P, et al. **Acta Obstet Gynecol Scand** 1984;63(7):629-31

The predictive value of total estriol; HPL and Hb on perinatal outcome in severe pre-eclampsia. Sagen N, et al. **Acta Obstet Gynecol Scand** 1984;63(7):603-8

HELLP syndrome: pathologic entity or technical inadequacy? [letter] Greer IA, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):113-4

Platelet activation in preeclampsia. Socol ML, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):494-7

Plasma fibronectin levels in preeclampsia: a possible biochemical marker for vascular endothelial damage. Stubbs TM, et al. **Am J Obstet Gynecol** 1984 Dec 1; 150(7):885-7

6-Keto prostaglandin F1 alpha, thromboxane B2, and 13,14-dihydro-15-keto prostaglandin F concentrations of normotensive and preeclamptic patients during pregnancy, delivery, and the postpartum period. Yamaguchi M, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):121-7

Plasma angiotensin I and serum placental leucine aminopeptidase (P-LAP) in pre-eclampsia. Mizutani S, et al. **Arch Gynecol** 1985;236(3):165-72

The fatty acid composition of serum lecithin after pregnancy complicated by pre-eclampsia. Rosing U, et al. **Arch Gynecol** 1984;236(2):109-17

Human placental lactogen in pre-eclampsia. Obiekwe BC, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1077-80

Increased sensitivity to thromboplastin synthesis in blood monocytes from pre-eclamptic patients. Oian P, et al. **Br J Obstet Gynaecol** 1985 May;92(5):511-7

alpha-Fetoprotein elevation and proteinuric pre-eclampsia. Walters BN, et al. **Br J Obstet Gynaecol** 1985 Apr; 92(4):341-4

Low antithrombin III and high plasma fibronectin in pre-eclampsia. Graninger W, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Apr;19(4):223-9

Is serum free estriol measurement essential in the management of hypertensive disorders during pregnancy? Sharf M, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Aug; 17(6):365-75

Calcium, parathyroid hormone and calcitonin in normal pregnancy and preeclampsia. Pedersen EB, et al. **Gynecol Obstet Invest** 1984;18(3):156-64

Pre-eclampsia and prostaglandins [letter] **Lancet** 1985 Jun 1;1(8440):1267-8

An altered ratio of 18:2 (9,11) to 18:2 (9,12) linoleic acid in plasma phospholipids as a possible predictor of pre-eclampsia. Erskine KJ, et al. **Lancet** 1985 Mar 9; 1(8428):554-5

Oncotic pressure in pre-eclampsia [letter] Goodlin RC. **Lancet** 1985 Jul 20;2(8447):163

Serial plasma oncotic pressure levels and echoencephalography during and after delivery in severe pre-eclampsia. Zinaman M, et al. **Lancet** 1985 Jun 1; 1(8440):1245-7

A platelet function defect in preeclampsia. Kelton JG, et al. **Obstet Gynecol** 1985 Jan;65(1):107-9

Changes of plasma protease inhibitors in late pregnancy, during delivery and puerperium in normal women and in preeclampsia. Gamba G, et al. **Ric Clin Lab** 1984 Jul-Sep; 14(3):521-5

[Hypercoagulative state and thrombelastography in severe preeclampsia] Shen D. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Oct;19(4):218-21, 257 (Eng. Abstr.) **(Chi)**

[Thrombophilic states in late gestosis] Niedner W, et al. **Folia Haematol (Leipz)** 1984;111(4):528-34 (Eng. Abstr.) **(Ger)**

[Behavior of magnesium in pregnant women. I. Comparative study between normal pregnant women and those with pathology] Almuna R, et al. **Rev Chil Obstet Ginecol** 1983; 48(2):65-75 (Eng. Abstr.) **(Spa)**

COMPLICATIONS

Hepatic rupture secondary to pre-eclampsia--report of a case treated conservatively. Ekberg H, et al. **Ann Chir Gynaecol** 1984;73(6):350-3

Cranial nerve block after test dose through an epidural catheter in a pre-eclamptic parturient. Fine PG, et al. **Can Anaesth Soc J** 1984 Sep;31(5):565-7

Anaesthesia for caesarean section in a pre-eclamptic patient with Ebstein's anomaly. Halpern S, et al. **Can Anaesth Soc J** 1985 May;32(3 Pt 1):244-7

Autonomic nervous dysfunction in severe pre-eclampsia. Airaksinen KE, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 May;19(5):269-76

Chronic villitis of unknown etiology and maternal arterial lesions in preeclamptic pregnancies. Labarrere C, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jul;20(1):1-11

Left-sided hydrothorax in connection with severe pre-eclampsia. Case reports. Suonio S, et al. **Int J Gynaecol Obstet** 1984 Oct;22(5):357-61

Hepatic rupture in preeclampsia: the role of diagnostic imaging. Winer-Muram HT, et al. **J Can Assoc Radiol** 1985 Mar;36(1):34-6

Transient blindness in pre-eclamptic patient--a case report. Tongyai T, et al. **J Med Assoc Thai** 1984 Nov;67(11):629-33

Diabetes insipidus during pregnancy complicated by preeclampsia. A case report. Hadi HA, et al. **J Reprod Med** 1985 Mar;30(3):206-8

Central hemodynamic findings associated with cortical blindness in severe preeclampsia. A case report. Hill JA, et al. **J Reprod Med** 1985 May;30(5):435-8

Rupture of the liver in preeclampsia. A review and report of two cases. Copas P, et al. **J Tenn Med Assoc** 1985 Jul; 78(7):419-21

Pre-eclampsia and post-partum migraine [letter] Stein G. **Lancet** 1984 Oct 13;2(8407):871

Hepatic hemorrhage without rupture in preeclampsia. Manas KJ, et al. **N Engl J Med** 1985 Feb 14;312(7):424-6

Hepatic rupture associated with pregnancy: treatment with transcatheter embolotherapy. Loevinger EH, et al. **Obstet Gynecol** 1985 Feb;65(2):281-4

[Coagulation disorders in pregnancy toxemias and pre-eclampsia] Weenink GH, et al. **Ned Tijdschr Geneeskd** 1984 Oct 20;128(42):1985-9 (Eng. Abstr.) **(Dut)**

DIAGNOSIS

Sonographic findings in severe preeclampsia twenty-fout hours prior to clinical signs. Benacerraf BR, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):684-5

Platelets and uric acid in the prediction of preeclampsia. Fay RA, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1038-9

Clinical manifestations and diagnosis of pregnancy-induced hypertension. DeVoe SJ, et al. **Clin Obstet Gynecol** 1984 Dec;27(4):836-53

Diagnosis of preeclampsia. Chesley LC. **Obstet Gynecol** 1985 Mar;65(3):423-5 (9 ref.)

Toxemia in a patient with none of the standard signs and symptoms of preeclampsia. Schwartz ML, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):19S-21S

Pregnancy-associated hypertension in Papua New Guinea. Savige J. **Trop Doct** 1985 Jan;15(1):34-7

DRUG THERAPY

The effect of serotonergic blockade in postpartum preeclamptic patients. Montenegro R, et al. **Am J Obstet Gynecol** 1985 Sep 15;153(2):130-4

A comparison of intravenous and intramuscular magnesium sulfate regimens in preeclampsia. Sibai BM, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):728-33

Eclampsia and severe cases of pre-eclampsia treated with chlormethiazole (Heminevrin) during a 10 year period. Johannesen P. **Scand J Clin Lab Invest [Suppl]** 1984; 169:76-8

Chlormethiazole as the main therapeutic agent in pre-eclamptic/eclamptic patients. Kristoffersen MB. **Scand J Clin Lab Invest [Suppl]** 1984;169:73-5

Diuretics and pregnancy. Lindberg BS. **Scand J Clin Lab Invest [Suppl]** 1984;169:83-5

['Zhi chou san' (an anticonvulsant powder) in the treatment of preeclampsia--report of 100 cases] **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):472-5 (Eng. Abstr.) **(Chi)**

[Magnesium therapy in pregnancy. Pharmacologic and toxicologic aspects of magnesium supplementation and use in pre-eclampsia and threatened premature labor] Classen HG, et al. **Fortschr Med** 1984 Sep 13;102(34):841-4 (Eng. Abstr.) **(Ger)**

[Use of sodium nitroprusside in the treatment of eclampsia] Nardi G, et al. **Minerva Anestesiol** 1984 Dec;50(12):655-61 (Eng. Abstr.) **(Ita)**

[Use of vasodilators in the management of severe pre-eclampsia. 1. Diazoxide] Zamora Orozco J, et al. **Ginecol Obstet Mex** 1983 Apr;51(312):89-94 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Cytidine deaminase--a marker for pre-eclampsia? Baines TJ, et al. **Ann Clin Biochem** 1985 Jul;22 (Pt 4):420-2

Origins and significance of the increased plasma alkaline phosphatase during normal pregnancy and pre-eclampsia. Adeniyi FA, et al. **Br J Obstet Gynaecol** 1984 Sep; 91(9):857-62

Control of prostacyclin synthesis in pregnancy-induced hypertension. Keirse MJ, et al. **Prostaglandins** 1985 Apr; 29(4):643-50

ETIOLOGY

A prospective study of blood pressure in pregnancy: prediction of preeclampsia. Moutquin JM, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):191-6

Pre-eclampsia in second pregnancy. Campbell DM, et al. **Br J Obstet Gynaecol** 1985 Feb;92(2):131-40

[Vascular factors in the pathogenesis of pre-eclampsia: recent findings] Foidart JM, et al. **Rev Fr Gynecol Obstet** 1984 Apr;79(4):249-52 (Eng. Abstr.) **(Fre)**

HISTORY

History and epidemiology of preeclampsia-eclampsia. Chesley LC. **Clin Obstet Gynecol** 1984 Dec;27(4):801-20

IMMUNOLOGY

Serum IgE and smooth muscle antibodies in pre-eclampsia. Alanen A. **Acta Obstet Gynecol Scand** 1984;63(7):581-2

Immune complexes in preeclampsia and normal pregnancy. Massobrio M, et al. **Am J Obstet Gynecol** 1985 Jul 1; 152(5):578-83

Humoral immunity in normal and complicated pregnancy. Houwert-de Jong MH, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Apr;19(4):205-14

METABOLISM

Lipolytic activity in the placentas of chronically deprived fetuses. Biale Y. **Acta Obstet Gynecol Scand** 1985; 64(2):111-4

Preeclampsia: an imbalance in placental prostacyclin and thromboxane production. Walsh SW. **Am J Obstet Gynecol** 1985 Jun 1;152(3):335-40

Elevated copper and lowered zinc in the placentae of pre-eclamptics. Brophy MH, et al. **Clin Chim Acta** 1985 Jan 15;145(1):107-11

Serum levels of unconjugated and total oestrogens and dehydroepiandrosterone, progesterone and urinary oestriol excretion in pre-eclampsia. Rosing U, et al. **Gynecol Obstet Invest** 1984;18(4):199-205

The basement membrane proteins laminin and type IV collagen in isolated villi in pre-eclampsia. Risteli J, et al. **Placenta** 1984 Nov-Dec;5(6):541-50

The HELLP (haemolysis, elevated liver enzymes, low platelet count) syndrome in severe hypertensive crises of pregnancy--does it exist? Pillay M, et al. **S Afr Med J** 1985 Feb 16;67(7):246-8

OCCURRENCE

[A preliminary study of the meteorological relation to the incidence of pre-eclampsia and eclampsia in Shanghai] Qian SP. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Jul; 19(3):139-41, 189 (Eng. Abstr.) **(Chi)**

PATHOLOGY

Histomorphometry of the human placenta in maternal preeclampsia. Teasdale F. **Am J Obstet Gynecol** 1985 May 1;152(1):25-31

Quantitative structural studies on human placentas associated with pre-eclampsia, essential hypertension and intrauterine growth retardation. Boyd PA, et al.

Br J Obstet Gynaecol 1985 Jul;92(7):714-21

Gallbladder wall thickening in preeclampsia. Gadwood KA, et al. **JAMA** 1985 Jan 4;253(1):71-3

Morphological changes in the umbilical arteries of babies born to pre-eclamptic mothers: an ultrastructural study. Dadak C, et al. **Placenta** 1984 Sep-Oct;5(5):419-26

Immunohistochemical localization of pregnancy-associated plasma protein A (PAPP-A) in placentae from normal and pre-eclamptic pregnancies. Dobashi K, et al. **Placenta** 1984 May-Jun;5(3):205-12

PHYSIOPATHOLOGY

Decreased prolactin secretion by decidual tissue of pre-eclampsia in vitro. Golander A, et al. **Acta Endocrinol (Copenh)** 1985 Jan;108(1):111-3

Resistance vessel abnormalities in preeclampsia. Aalkjaer C, et al. **Acta Med Scand [Suppl]** 1985;693:23-7

Fetal haemodynamics in pre-eclampsia. Changes during antihypertensive treatment. Rasmussen K. **Acta Med Scand [Suppl]** 1985;693:11-4

Hemodynamic observations in severe preeclampsia complicated by pulmonary edema. Benedetti TJ, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):330-4

Hemodynamic measurements in preeclampsia: preliminary observations. Groenendijk R, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):232-6

Plasma volume determination in normal and preeclamptic pregnancies. Hays PM, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):958-66

Failure of exogenous prostacyclin to change placental and fetal blood flow in preeclampsia. Jouppila P, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):661-5

Preeclampsia and fetal heart rate decelerations [letter] Mazor M, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):115-6

Predictive value of roll-over test in women with mild preeclampsia. Yemini M, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):77-8

The use of nitroglycerin in preventing the hypertensive response to tracheal intubation in severe preeclampsia. Hood DD, et al. **Anesthesiology** 1985 Sep;63(3):329-32

Prostacyclin-synthesis stimulating plasma factor and platelet sensitivity in preeclampsia. Dadak C, et al. **Biol Res Pregnancy Perinatol** 1985;6(2):65-9

Vascular, volume, and cardiac response to normal and hypertensive pregnancy. Hunyor SN. **Hypertension** 1984 Nov-Dec;6(6 Pt 2):III129-32

Fall in blood pressure in response to volume expansion in pregnancy-associated hypertension (pre-eclampsia): why does it occur? Gallery ED, et al. **J Hypertens** 1984 Apr; 2(2):177-82

Maternal and fetal effects of continuous lumbar epidural analgesia for labour and delivery in pre-eclamptic patients. Okasha AS, et al. **Middle East J Anaesthesiol** 1983 Oct; 7(3):203-10

Preeclampsia/eclampsia: hemodynamic and neurologic correlations. Clark SL, et al. **Obstet Gynecol** 1985 Sep; 66(3):337-40

Effects of dihydralazine infusion on the fetoplacental blood flow and maternal prostanoids. Jouppila P, et al. **Obstet Gynecol** 1985 Jan;65(1):115-8

Effect of magnesium sulfate on electroencephalographic findings in preeclampsia/eclampsia [letter] Morris JA. **Obstet Gynecol** 1985 Jun;65(6):859-60

Morphology and angiotensin II responsiveness of isolated resistance vessels from patients with pre-eclampsia. Aalkjaer C, et al. **Scand J Clin Lab Invest [Suppl]** 1984; 169:57-60

Fetal blood flow in pre-eclampsia. Rasmussen K. **Scand J Clin Lab Invest [Suppl]** 1984;169:36-8

The definition of pre-eclampsia. Redman CW. **Scand J Clin Lab Invest [Suppl]** 1984;169:7-14 (41 ref.)

[The role of non-enzymatic products of prostaglandin and prostacyclin synthesis in the initiation of pre-eclamptic toxemia] Konfino E, et al. **Harefuah** 1984 Jun 1; 106(11):518-20 **(Heb)**

[Prostacyclin in the physiopathogenesis of pre-eclampsia] Góngora-Biachi RA, et al. **Ginecol Obstet Mex** 1985 Jan; 53(333):21-3 (Eng. Abstr.) **(Spa)**

[H.E.L.L.P. syndrome] Trezza JS, et al. **Rev Fac Cien Med Univ Nac Cordoba** 1983;41(3-4):44-7 (Eng. Abstr.) **(Spa)**

PREVENTION & CONTROL

Overview of randomised trials of diuretics in pregnancy. Collins R, et al. **Br Med J [Clin Res]** 1985 Jan 5; 290(6461):17-23

Prevention of pre-eclampsia by early antiplatelet therapy. Beaufils M, et al. **Lancet** 1985 Apr 13;1(8433):840-2

[Controlled trial of preventive treatment of preeclampsia. Preliminary results] Beaufils M, et al. **Arch Mal Coeur** 1984 Oct;77(11):1226-8 (Eng. Abstr.) **(Fre)**

RADIOGRAPHY

Computed tomography in preeclampsia-eclampsia syndrome. Waldron RL 2d, et al. **AJNR** 1985 May-Jun;6(3):442-3

Toxemia of pregnancy: cerebral CT findings. Naheedy MH, et al. **J Comput Assist Tomogr** 1985 May-Jun;9(3):497-501

THERAPY

Maternal and perinatal outcome of conservative management of severe preeclampsia in midtrimester. Sibai BM, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):32-7

Shoulder-out immersion in pregnant women. Goodlin RC, et al. **J Perinat Med** 1984;12(4):173-7

Severe preeclampsia with persistent postpartum hemolysis and thrombocytopenia treated by plasmapheresis. Schwartz ML, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):53S-55S

Volume expansion as treatment of severe pre-eclampsia. Rasmussen K, et al. **Scand J Clin Lab Invest [Suppl]** 1984; 169:79-81

URINE

Hypertension in pregnancy. Prostaglandins, kinins and kallikrein. Karlberg BE, et al. **Scand J Clin Lab Invest [Suppl]** 1984;169:39-47

PREENING see under **GROOMING**

PREFERRED PROVIDER ORGANIZATIONS see under **INSURANCE, HEALTH**

PREGNADIENEDIOLS

DIAGNOSTIC USE

[Radiologic study of the nasal fossa. Value of a vasoconstrictor test] Jobin P, et al. **J Radiol** 1984 Apr; 65(4):267-73 (Eng. Abstr.) **(Fre)**

PHARMACODYNAMICS

[Biological properties of acetomepregenol ointment on the hydrophilic base CACAP] Alchangian LV, et al. **Vestn Dermatol Venerol** 1984 Dec;(12):52-5 (Eng. Abstr.) **(Rus)**

PREGNADIENES

Danazol-introductory remarks. Hagenfeldt K. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:87

ADMINISTRATION & DOSAGE

Peripheral levels of dehydroepiandrosterone sulfate, dehydroepiandrosterone, androstenedione, and testosterone following different doses of danazol. Carlström K, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:125-9

Regression of endometriosis following shorter treatment with, or lower dose of danazol. Comparison of pre- and post-treatment laparoscopic findings in the Scandinavian multi-center study. Döberl A, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:51-8

Treatment of recurrent cyclical mastodynia in patients with fibrocystic breast disease. A double-blind placebo-controlled study--the Hjørring project. Döberl A, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:177-84

Changes in the SHBG concentration during danazol treatment. Gershagen S, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:117-23

The treatment of psoriasis with 0.1% domoprednate (a D-homocorticosteroid) and 0.1% betamethasone valerate ointment. A double-blind, randomized trial. Christiansen JV, et al. **Dermatologica** 1985;170(4):195-8

Subdermal contraceptive implants [letter] Orford HJ. **S Afr Med J** 1985 Jan 19;67(3):80

ADVERSE EFFECTS

Guillain-Barré syndrome following danazol and corticosteroid therapy for hereditary angioedema. Hory B, et al. **Am J Med** 1985 Jul;79(1):111-4

Domoprednate (Stermonid), a topical D-homocorticosteroid, skin atrophy and telangiectasia. A double-blind, randomized comparison with hydrocortisone butyrate, betamethasone valerate, clobetasole propionate and placebo. Serup J, et al. **Dermatologica** 1985;170(4):189-94

Danazol and urogenital sinus formation in pregnancy. Quagliarello J, et al. **Fertil Steril** 1985 Jun;43(6):939-42

An apparent danazol-induced primary hepatocellular carcinoma: case report. Buamah PK. **J Surg Oncol** 1985 Feb;28(2):114-6

Hepatosplenic peliosis after danazol and glucocorticoids for ITP [letter] Nesher G, et al. **N Engl J Med** 1985 Jan 24; 312(4):242-3

[Increase in transaminases during treatment with danazol in lupus patients] Vincens M, et al. **Therapie** 1984 Sep-Oct; 39(5):541-4 (Eng. Abstr.) **(Fre)**

BLOOD

Comparison of plasma levels of canrenone and metabolites after base hydrolysis in young and elderly subjects following single and multiple doses of spironolactone. Ho PC, et al. **Eur J Clin Pharmacol** 1984;27(4):435-9

CHEMICAL SYNTHESIS

An efficient synthesis of 3 alpha-hydroxy-5 alpha-pregna-9(11),16-diene-20-one. Kim WJ, et al. **Steroids** 1984 May;43(5):491-7

METABOLISM

Danazol displacement of testosterone and influence on free testosterone levels. Damber MG, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:115

Pharmacokinetics of canrenone and metabolites after base hydrolysis following single and multiple dose oral administration of spironolactone. Ho PC, et al. **Eur J Clin Pharmacol** 1984;27(4):441-6

Effects of progesterone, progestogens, and danazol on the specific cortisol binding in human plasma. Ottosson UB, et al. **Fertil Steril** 1985 Jun;43(6):856-60

Pharmacokinetics of spironolactone and potassium canrenoate in humans. Kojima K, et al. **J Pharmacobiodyn** 1985 Mar;8(3):161-6

PHARMACODYNAMICS

Influence of danazol on uterine activity. A pilot study. Akerlund M. **Acta Obstet Gynecol Scand [Suppl]** 1984; 123:103-6

Inhibition of steroid sulfatase activity by danazol. Carlström K, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984; 123:107-11

Effect of danazol on serum concentrations of pituitary gonadotropins in postmenopausal women. Döberl A, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:95-8

Effect of danazol on thyroid function in postmenopausal women. Dymling JF, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:137-9

In vitro effect of danazol on steroidogenesis in developing human follicles. An interim report. Nilsson L, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:99-102

Vocal effects of danazol therapy. A preliminary report. Nordenskjöld F, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:131-2

The influence of danazol on pituitary function and on the ovarian follicular hormone secretion in premenopausal women. Rannevik G, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:89-94

Human endometrium transplanted into nude mice. Histologic effects of various steroid hormones. Bergqvist A, et al. **Am J Pathol** 1985 May;119(2):336-44

Testicular changes in the rat by prepuberal administration of a synthetic antiandrogen. Revilla R, et al. **Arch Androl** 1984;13(1):59-62

Inhibition of human placental progesterone synthesis by danazol in vivo. Rabe T, et al. **Biol Res Pregnancy Perinatol** 1984;5(4):149-52

Effect of nivazol on ACTH secretion by human pituitary corticotrophic tumours in cell culture. Adams EF, et al. **Clin Endocrinol (Oxf)** 1985 May;22(5):631-8

Changes in the biochemical composition of semen following danazol plus testosterone enanthate administration to the langur monkey. Lohiya NK, et al. **Contraception** 1985 Apr; 31(4):421-30

Effects of the aromatase inhibiting delta 1,4-bisnorcholadienic acid on the steroid biosynthesis in the human ovary in vitro. Schürenkämper P, et al. **Exp Clin Endocrinol** 1984 Dec;84(3):271-6

Steroidal regulation of endometriosis tissue: lack of induction of 17 beta-hydroxysteroid dehydrogenase activity by progesterone, medroxyprogesterone acetate, or danazol. Vierikko P, et al. **Fertil Steril** 1985 Feb;43(2):218-24

Reversible inhibition of testicular function by danazol plus testosterone enanthate in rabbit. Lohiya NK, et al. **Int J Fertil** 1984;29(4):228-33

The interaction of canrenone with the Na+,K+ pump in human red blood cells. Garay RP, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 May; 329(3):311-5

Evaluation of danazol influence upon the uterus using scanning electron microscopic morphometric and biochemical analyses. Sanfilippo JS, et al. **Surg Gynecol Obstet** 1985 May;160(5):421-8

[Effects of Aldatense on laboratory tests. Comparison with a reference population] Hitz J, et al. **Ann Biol Clin (Paris)** 1984;42(4):289-93 (Eng. Abstr.) **(Fre)**

[Changes in % free testosterone and sex-hormone binding globulin during danazol administration] Asai M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jun;37(6):1001-6 (Eng. Abstr.) **(Jpn)**

[Effect of danazol on serum prolactin and cortisol levels] Takeuchi T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Feb;37(2):265-70 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

Danazol and prolactin status in patients with endometriosis. Wallace AM, et al. **Acta Endocrinol (Copenh)** 1984 Dec; 107(4):445-9

Experimental endometriosis and fertility: compared effects of an antigonadotropin (danazol) and an antiprostaglandin (indomethacin). Dargenio R, et al. **Acta Eur Fertil** 1984 Jul-Aug;15(4):257-9

Treatment with danazol of ureteral obstruction caused by endometriosis. Matsuura K, et al. **Acta Obstet Gynecol Scand** 1985;64(4):339-43

Plasma lipoproteins during and after danazol treatment. Fåhraeus L, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984; 123:133-5

Short-term effects of danazol on endometrial histology. Jeppsson S, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984; 123:41-4

Treatment of vaginal endometriosis with danazol. Koskimies AI, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:67-8

Morphology of endometriosis before and during treatment with danazol. Pedersen H, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:13-4

Danazol treatment of severely symptomatic fibrocystic breast disease and long-term follow-up--the Hjørring project. Tobiassen T, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984; 123:159-76

Danazol therapy for autoimmune hemolytic anemia. Ahn YS, et al. **Ann Intern Med** 1985 Mar;102(3):298-301

Danazol therapy in myelodysplasia. Cines DB, et al. **Ann Intern Med** 1985 Jul;103(1):58-60

Danazol (an antigonadotropin) in the treatment of catamenial pneumothorax. Uemura T, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):81-6

Poor response to danazol in hemophilia. Kasper CK, et al. **Blood** 1985 Jan;65(1):211-3

Relief of asthma with danazol [letter] Gorrell GJ. **Can Med Assoc J** 1985 Jan 15;132(2):100

Relief of asthma in two patients receiving danazol for endometriosis. Pride SM, et al. **Can Med Assoc J** 1984 Oct 1;131(7):763-4

C1 inhibitor functional activities in hereditary angioedema plasma of patients under therapy with attenuated androgens. Späth PJ, et al. **Dermatologica** 1984;169(5):301-4

Treatment of endometriosis with danazol: report of a 6-year prospective study. Buttram VC Jr, et al. **Fertil Steril** 1985 Mar;43(3):353-60

Serum estradiol and danazol. I. Endometriosis response, side effects, administration interval, concurrent spironolactone and dexamethasone. Dickey RP, et al. **Fertil Steril** 1984 Nov;42(5):709-16

Hot flashes in postmenopausal women ameliorated by danazol. Foster GV, et al. **Fertil Steril** 1985 Mar; 43(3):401-4

Danazol in the management of ureteral obstruction secondary to endometriosis. Rivlin ME, et al. **Fertil Steril** 1985 Aug; 44(2):274-6

Treatment of endometriosis with danazol [letter] Taymor ML. **Fertil Steril** 1985 Aug;44(2):282-3

Treatment of familial antithrombin-III deficiency with danazol. Eyster ME, et al. **Haemostasis** 1985;15(2):119-25

Changes of plasma lipids and lipoprotein levels during danazol treatment for endometriosis. Schweppe KW, et al. **Horm Metab Res** 1984 Nov;16(11):593-7

Short-term effects of danazol and medroxyprogesterone acetate on cytosol and nuclear estrogen and progestin receptors, 17 beta-hydroxysteroid dehydrogenase activity, histopathology, and ultrastructure of human endometrial adenocarcinoma. Kauppila A, et al. **Int J Cancer** 1985 Feb 15;35(2):157-63

Use of danazol in the management of chronic idiopathic thrombocytopenic purpura. Heyd J, et al. **Isr J Med Sci** 1985 May;21(5):418-20

Danol for premenstrual syndrome: a preliminary report of a placebo-controlled double-blind study. Gilmore DH, et al. **J Int Med Res** 1985;13(2):129-30

Treatment of premenstrual syndrome using danazol: preliminary report of a placebo-controlled, double-blind, dose ranging study. Watts JF, et al. **J Int Med Res** 1985; 13(2):127-8

Danazol in hemophilia [letter] Ambriz R, et al. **JAMA** 1985 Aug 9;254(6):754-5

Effect of danazol on coagulation parameters and bleeding in hemophilia. Garewal HS, et al. **JAMA** 1985 Feb 22; 253(8):1154-6

Benefits of danazol treatment in patients with hemophilia A (classic hemophilia). Gralnick HR, et al. **JAMA** 1985 Feb 22;253(8):1151-3

Danazol and hemophilia [editorial] Hathaway WE. **JAMA** 1985 Feb 22;253(8):1167

Disappearance of spironolactone-induced gynaecomastia during treatment with potassium canrenoate [letter] Dupont A. **Lancet** 1985 Sep 28;2(8457):731

Danazol raises antithrombin III levels in cases of familial deficiency [letter] Fairfax AJ, et al. **Lancet** 1984 Dec 1; 2(8414):1272-3

Migraine responsive to danazol [letter] Vincent FM. **Neurology** 1985 Apr;35(4):618

Effect of danazol on vocal pitch: a case study. Mercaitis PA, et al. **Obstet Gynecol** 1985 Jan;65(1):131-5

A case of endometriosis of the lung treated with danazol. Suginami H, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):68S-71S

Danazol-induced factor VIII and IX bypassing activity in hemophiliacs. Garewal HS, et al. **Thromb Res** 1985 Jul 1; 39(1):117-25

[Efficacy of canrenoate potassium in hypertensive cardiopathy. Clinical and echocardiographic evaluation] Caporicci D, et al. **Minerva Cardioangiol** 1984 Sep; 32(9):581-7 (Eng. Abstr.) **(Ita)**

[Use of canrenoate potassium given orally in ascitogenic cirrhosis] Sarti F, et al. **Minerva Dietol Gastroenterol** 1984 Jul-Sep;30(3):273-80 (Eng. Abstr.) **(Ita)**

[Effect of spironolactone and K-canrenoate in ascitic cirrhosis. Double-blind study] Tempini S, et al. **Minerva Dietol Gastroenterol** 1984 Jul-Sep;30(3):255-61 (Eng. Abstr.) **(Ita)**

[A case of vesical endometriosis] Kameoka H, et al. **Hinyokika Kiyo** 1983 Oct;29(10):1339-44 (Eng. Abstr.) **(Jpn)**

[Medical treatment of endometriosis] Sugimoto O. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May;37(5):814-9 **(Jpn)**

[Therapeutic value of danazol in sterility associated with slight pelvic endometriosis] Cano C, et al. **Ginecol Obstet Mex** 1982 Dec;50(308):321-3 (Eng. Abstr.) **(Spa)**

[Danazol in idiopathic thrombopenic purpura (letter)] González R, et al. **Med Clin (Barc)** 1984 Oct 27;83(13):561 **(Spa)**

[Hereditary angioneurotic edema: therapeutic aspects] Sastre Castillo A, et al. **Rev Clin Esp** 1984 Dec 15-31; 175(5-6):229-31 **(Spa)**

PREGNADIENETRIOLS

ADVERSE EFFECTS

[Postmenopausal bleeding following the application of an estrogen-containing hair lotion--concomitant endocrine changes] Emons G, et al. **Geburtshilfe Frauenheilkd** 1984 Jul;44(7):460-2 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

[Testing the loss of efficacy (tachyphylaxis) during external steroid application] Koch EM, et al. **Hautarzt** 1985 Mar; 36(3):146-9 (Eng. Abstr.) **(Ger)**

PREGNANCY

see related
PRENATAL CARE
PSEUDOPREGNANCY

Correlation of oestriol levels in saliva, plasma and urine of pregnant women. Lechner W, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):266-8

Inhibition of phytohaemagglutinin-induced lymphocyte blastogenesis by serum from pregnant women: correlation between cortisol level and in vitro immunosuppression. Wajner M, et al. **Acta Endocrinol (Copenh)** 1985 Jul; 109(3):411-7

Glycosylated haemoglobin values and their correlation to the glucose tolerance test in normal pregnancy. Thalassinos NC, et al. **Acta Endocrinol [Suppl] (Copenh)** 1984;265:24-5

An enzyme-linked immuno sorbent assay for salivary estriol during normal pregnancy. Busacchi P, et al. **Acta Eur Fertil** 1985 May-Jun;16(3):195-7

Significance of species and strain differences in pre- and perinatal toxicology. Neubert D, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:23-35 (12 ref.)

Transcapillary forces in normal pregnant women. Oian P, et al. **Acta Med Scand [Suppl]** 1985;693:19-22

Reference values for serum components in pregnant women. Berg B, et al. **Acta Obstet Gynecol Scand** 1984;63(7):583-6

Removal of IUDs in early pregnancy [letter] Gustavii B, et al. **Acta Obstet Gynecol Scand** 1984;63(6):571-2

Red cell 2,3-diphosphoglycerate and hemoglobin--oxygen affinity during normal pregnancy. Madsen H, et al. **Acta Obstet Gynecol Scand** 1984;63(5):399-402

Abnormally elevated pregnancy specific beta 1 glycoprotein (SP1 beta) with very low placental lactogen (hPL) concentrations in a pregnancy with satisfactory outcome. Pledger DR, et al. **Acta Obstet Gynecol Scand** 1984; 63(7):663-5

The effect of infused prostaglandin F2 alpha on plasma antidiuretic hormone and renin activity in early human pregnancy. Punnonen R, et al. **Acta Obstet Gynecol Scand** 1984;63(5):455-7

Sexuality during and after pregnancy. Ryding EL. **Acta Obstet Gynecol Scand** 1984;63(8):679-82

Pregnancy in a young woman with hypergonadotropic 'ovarian failure'. Voigt S. **Acta Obstet Gynecol Scand** 1984; 63(8):733-4

Drug use during pregnancy and breast-feeding. A classification system for drug information. Berglund F, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;126:1-55

Pregnancy rates following various therapy modes for endometriosis in infertile patients. Rönnberg L, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:69-72

Pregnancy outcome and health conditions of offspring of self-poisoned pregnant women. Czeizel A, et al. **Acta Paediatr Hung** 1984;25(3):209-36

Deleterious effects of smoking during pregnancy: studies on blood oxygen affinity. Temesvári P, et al. **Acta Paediatr Hung** 1984;25(4):371-6

Carnitine in maternal and neonatal plasma. Cederblad G, et al. **Acta Paediatr Scand** 1985 Jul;74(4):500-4

Amyloid-related serum protein (SAA) during and after pregnancy in healthy women and women with rheumatic disease. Ostensen M, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1985 Feb; 93(1):1-5

Influence of the oral administration of micronized progesterone on plasma and tissue levels of steroids in human pregnancy. Ferre F, et al. **Acta Physiol Hung** 1985; 65(4):443-51

Relationship between myometrial cyclic nucleotide phosphodiesterase (PDE) activity and the RNA/DNA ratio at various stages of gestation in primates. Ferre F, et al. **Acta Physiol Hung** 1985;65(4):433-41

Peripheral blood concentrations of progesterone and oestradiol during human pregnancy and delivery. Kauppila A, et al. **Acta Physiol Hung** 1985;65(4):473-8

Plasma zinc and copper concentrations in pregnant Nigerian women and newborn. Ette A, et al. **Afr J Med Med Sci** 1985 Mar-Jun;14(1-2):99-103

The role of alcohol in unplanned pregnancy. Lobb MO. **Alcohol Alcohol** 1984;19(2):151-2

Relationship of maternal nutrition to nutrition of the post-three-month-old infant. Margen S. **Am J Clin Nutr** 1985 Feb;41(2 Suppl):464-76

25-Hydroxyvitamin D and 1,25-dihydroxyvitamin D of D2 and D3 origin in maternal and umbilical cord serum after vitamin D2 supplementation in human pregnancy. Markestad T, et al. **Am J Clin Nutr** 1984 Nov;40(5):1057-63

Postprandial energy expenditure and respiratory quotient during early and late pregnancy. Nagy LE, et al. **Am J Clin Nutr** 1984 Dec;40(6):1258-63

A new chart to monitor weight gain during pregnancy. Rosso P. **Am J Clin Nutr** 1985 Mar;41(3):644-52

Zinc and copper retention during pregnancy: the adequacy of prenatal diets with and without dietary supplementation. Taper LJ, et al. **Am J Clin Nutr** 1985 Jun;41(6):1184-92

Zinc and copper nutrition in human pregnancy: a longitudinal study in normal primigravidae and in primigravidae at risk of delivering a growth retarded baby. Tuttle S, et al. **Am J Clin Nutr** 1985 May;41(5):1032-41

Immunofluorescent studies of the endometrial arteries in the first trimester of pregnancy. Lichtig C, et al. **Am J Clin Pathol** 1985 May;83(5):633-6

Test-retest reliability of diet and drinking estimates for pregnancy and post partum. Little RE, et al. **Am J Epidemiol** 1984 Nov;120(5):794-7

Pregnancy in a patient with gonadotropin-resistant ovary syndrome. Amos WL Jr. **Am J Obstet Gynecol** 1985 Sep 15;153(2):154-5

Lack of association between vitamin intake during early pregnancy and reduction limb defects. Aro T, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):433

Beta-adrenergic receptors in human myometrium during pregnancy: changes in the number of receptors after beta-mimetic treatment. Berg G, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):392-6

Maternal serum alpha-fetoprotein screening: the effect of participation on anxiety and attitude toward pregnancy in women with normal results. Burton BK, et al. **Am J Obstet Gynecol** 1985 Jul 1;152(5):540-3

Maternal heart rate in pregnancy. Clapp JF 3d. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):659-60

Fetal heart rate response to maternal exercise. Collings C, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):498-501

The age extremes for reproduction: current implications for policy change. Davidson EC Jr, et al. **Am J Obstet Gynecol** 1985 Jun 15;152(4):467-73

Plasma and red blood cell beta-endorphin immunoreactivity in normal and complicated pregnancies: gestational age variation. Evans MI, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):433-7

Soft drug use after pregnancy compared to use before and during pregnancy. Fried PA, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):787-92

Oxytocin receptors in the human uterus during pregnancy and parturition. Fuchs AR, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):734-41

Elevated static pressure and pregnancy well-being. Goodlin RC, et al. **Am J Obstet Gynecol** 1985 Jun 15;152(4):462-6

Plasma volume determination in normal and preeclamptic pregnancies. Hays PM, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):958-66

Statistical comparison of Pearl rates. Higgins JE, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):656-9

Plasma beta-endorphin concentrations prior to and during pregnancy, in labor, and after delivery. Hoffman DI, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):492-6

Erythrocyte filterability and fetal development in normal pregnancy. Kaibara M, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):719-20

Dynamics of human chorionic gonadotropin, prolactin, and growth hormone in serum and amniotic fluid throughout normal human pregnancy. Kletzky OA, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):878-84

Natural killer cell activity during pregnancy [letter] Labarrere C. **Am J Obstet Gynecol** 1985 Jun 1; 152(3):359-60

Cesarean section delivery and future childbearing [letter] Lee BT. **Am J Obstet Gynecol** 1985 Jun 1;152(3):363

The effect of oral ritodrine therapy on glucose tolerance in pregnancy. Main DM, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1031-3

Immune complexes in preeclampsia and normal pregnancy. Massobrio M, et al. **Am J Obstet Gynecol** 1985 Jul 1; 152(5):578-83

Exercise dynamics in late gestation: effects of physical training. Morton MJ, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):91-7

Dickinson's sign: focal uterine softening in early pregnancy and its correlation with the placental site. Munsick RA. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):799-802

Glycosylated serum protein levels in diabetic and nondiabetic pregnant patients: an indicator of short-term glycemic control in the diabetic patient. Nelson DM, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1042-7

Homologous insemination--revisited. Nunley WC Jr, et al. **Am J Obstet Gynecol** 1985 Sep 15;153(2):201-6

Doubling times of human chorionic gonadotropin increase in early viable intrauterine pregnancies. Pittaway DE, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):299-302

The effects of alpha- and beta-adrenergic stimulation on contractility and prostaglandin (prostaglandins E2 and F2 alpha and 6-keto-prostaglandin F1 alpha) production of pregnant human myometrial strips. Quaas L, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):852-6

C-reactive protein in pregnancy and in the postpartum period. Romem Y, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):380-3

Immunoreactive gonadotropin-releasing hormone level in maternal circulation throughout pregnancy. Siler-Khodr TM, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):376-9

Prevalence of type-specific group B streptococcal antibody in human sera: a study of 405 pregnant women. Skidmore AG, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):857-60

The effect of exercise on uterine activity in the last eight weeks of pregnancy. Veille JC, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):727-30

Reliability of gynecologic sonographic diagnosis, 1978-1984. Wade RV, et al. **Am J Obstet Gynecol** 1985 Sep 15; 153(2):186-90

Changes in the distribution of fibronectin in the placenta during normal human pregnancy. Yamaguchi Y, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):715-8

Prostacyclin and thromboxane in gynecology and obstetrics. Ylikorkala O, et al. **Am J Obstet Gynecol** 1985 Jun 1; 152(3):318-29 (162 ref.)

References from Workshop on Physical Activity in Pregnancy, Chantilly, Virginia, September 29-October 1, 1982. **Am J Perinatol** 1984 Apr;1(3):272-5

Premature delivery and subsequent reproduction. Golden NL, et al. **Am J Perinatol** 1984 Jan;1(2):158-60

Summary report on the NICHD research planning Workshop on Physical Activity in Pregnancy. Metcalfe J, et al. **Am J Perinatol** 1984 Apr;1(3):276-9

Pharmacokinetics of intravenous theophylline in pregnant patients at term. Romero R, et al. **Am J Perinatol** 1983 Oct;1(1):31-5

Hemodynamics during pregnancy and sex steroid administration in guinea pigs. Hart MV, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R179-85

Hypothalamic factors and bulimia [letter] Ramchandani D. **Am J Psychiatry** 1984 Oct;141(10):1311

International Symposium on the Immunology of Reproduction. Tel Aviv, Israel. October 21-25, 1984. Abstracts. **Am J Reprod Immunol** 1984 Sep;6(2):54-79

Cerebrospinal fluid concentration of 5-hydroxyindoleactic acid in pregnancy. Spielman FJ, et al. **Anesthesiology** 1985 Feb;62(2):193-5

An 'in-house' method for the assay of serum total oestriol in pregnancy using 125I label. Rege V. **Ann Clin Biochem** 1985 Jan;22 (Pt 1):98-103

Exercise during pregnancy--potential fetal and placental metabolic effects. Bonds DR, et al. **Ann Clin Lab Sci** 1985 Mar-Apr;15(2):91-9

Menarche, pregnancy, birth spacing and menopause among the Agta women foragers of Cagayan province, Luzon, the Philippines. Goodman MJ, et al. **Ann Hum Biol** 1985 Mar-Apr;12(2):169-77

Pregnancy loss in mothers of multiple births and in mothers of singletons only. Wyshak G. **Ann Hum Biol** 1985 Jan-Feb;12(1):85-9

House staff pregnancy in internal medicine residencies. Greganti MA, et al. **Ann Intern Med** 1985 Jan;102(1):123-5

Relationship between dietary and plasma copper levels of pregnant Nigerian women. Mbofung CM, et al. **Ann Nutr Metab** 1985;29(1):48-55

Is ultrasound monitoring of follicular growth harmless? Demoulin A, et al. **Ann NY Acad Sci** 1985;442:146-52

Ultrasonic and hormonal evaluation of luteal phases and early ongoing pregnancies after in vitro fertilization and embryo replacement. Feichtinger W, et al. **Ann NY Acad Sci** 1985; 442:445-54

Maternal age: a major factor affecting the prospects and outcome of pregnancy. Gosden RG. **Ann NY Acad Sci** 1985;442:45-57

Failure of human pregnancy after implantation. Grudzinskas JG, et al. **Ann NY Acad Sci** 1985;442:38-44

Maternal recognition of pregnancy prior to implantation: methods for monitoring embryonic viability in vitro and in vivo. O'Neill C, et al. **Ann NY Acad Sci** 1985;442:429-39

Effect of gender role identity on patterns of feminine and self-concept scores from late pregnancy to early postpartum. Brouse SH. **ANS** 1985 Apr;7(3):32-48

Effect of prior pregnancy on melanoma survival [letter] Lederman JS, et al. **Arch Dermatol** 1985 Jun;121(6):716

Cytochemical bioassay of parathyroid hormone in maternal and cord blood. Allgrove J, et al. **Arch Dis Child** 1985 Feb;60(2):110-5

Prospective study of children exposed to variable amounts of alcohol in utero. Larsson G, et al. **Arch Dis Child** 1985 Apr;60(4):316-21

Electrophoretic mobilities and levels of T and B lymphocytes in human pregnancy. Knippel E, et al. **Arch Gynecol** 1984; 236(2):61-7

The outcome of pregnancy and preterm delivery after conization of the cervix. Kristensen GB. **Arch Gynecol** 1985;236(3):127-30

Effects of magnesium and catecholamines on spontaneous contraction of pregnant human isthmic myometrium. Kawarabayashi T, et al. **Asia Oceania J Obstet Gynaecol** 1984 Sep;10(3):375-84

Simultaneous intra- and extra-uterine pregnancy and hormone milieu after early luteectomy: case report. Nagae M, et al. **Asia Oceania J Obstet Gynaecol** 1984 Dec; 10(4):473-7

ABO blood groups and alkaline phosphatase isoenzymes in the 2nd trimester of pregnancy in Nigerian women. Okpere E, et al. **Asia Oceania J Obstet Gynaecol** 1984 Dec; 10(4):445-8

Guidelines for dental treatment: dentistry and pregnancy. Statement from the National Health and Medical Research Council. **Aust Dent J** 1984 Aug;29(4):265-6

Prilocaine in pregnancy [letter] Turnbull R, et al. **Aust Dent J** 1985 Feb;30(1):58

Radiological examination of women. Modification of the 10 day rule. Klempfner G. **Aust Fam Physician** 1985 Apr; 14(4):281, 283

Reliability of mothers' reports of birth data. Oates RK, et al. **Aust Paediatr J** 1984 Aug;20(3):185-6

Purification and partial characterization of aminopeptidase A from the serum of pregnant and non-pregnant women. Lalu K, et al. **Biochim Biophys Acta** 1984 Sep 25; 789(3):324-33

Evaluation and correlation of hormone levels in normal and pathologic pregnancies. Bartl W, et al. **Biol Res Pregnancy Perinatol** 1984;5(4):143-8

Cyclic AMP levels in peripheral blood lymphocytes of term pregnant women. Birkenfeld A, et al. **Biol Res Pregnancy Perinatol** 1984;5(3):121-3

Fibrinogen and its fraction during pregnancy and puerperium. Nakamura Y, et al. **Biol Res Pregnancy Perinatol** 1984;5(3):110-2

Effect of pregnancy plasma, neuraminidase and sialic acid on phytohemagglutinin-induced human lymphocyte response. Rajan R, et al. **Biol Res Pregnancy Perinatol** 1984; 5(3):113-7

Caffeine, theophylline and theobromine in pregnancy. Tebbutt IH, et al. **Biol Res Pregnancy Perinatol** 1984; 5(4):174-6

Influence of bromocriptine on plasma prolactin, human placental lactogen, beta-HCG and steroid hormones in early human pregnancy. Tolino A, et al. **Biol Res Pregnancy Perinatol** 1985;6(2):70-2

Social support as a factor in the development of parents' attachment to their unborn. Cranley MS. **Birth Defects** 1984;20(5):99-124

Disposition of betamethasone in parturient women after intramuscular administration. Petersen MC, et al. **Br J Clin Pharmacol** 1984 Sep;18(3):383-92

Autonomic arousal in an antenatal clinic and its association with recall of information about pregnancy. Trust J, et al. **Br J Clin Psychol** 1984 Sep;23 (Pt 3):229-30

Opsonization of group B Streptococcus type III: studies using clinical strains and maternal sera. Hastings MJ, et al. **Br J Exp Pathol** 1985 Jun;66(3):317-23

Reduced thromboplastin activity in blood monocytes and reduced sensitivity to stimuli in vitro of blood monocytes from pregnant women. Oian P, et al. **Br J Haematol** 1985 Jan;59(1):133-7

Nutrient intake of pregnant Asian women at Sorrento Maternity Hospital, Birmingham. Eaton PM, et al. **Br J Nutr** 1984 Nov;52(3):457-68

Subethnic variation in the diets of Moslem, Sikh and Hindu pregnant women at Sorrento Maternity Hospital, Birmingham. Wharton PA, et al. **Br J Nutr** 1984 Nov; 52(3):469-76

Permeability of the human placenta to bicarbonate: in-vitro perfusion studies. Aarnoudse JG, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1096-102

Origins and significance of the increased plasma alkaline phosphatase during normal pregnancy and pre-eclampsia. Adeniyi FA, et al. **Br J Obstet Gynaecol** 1984 Sep; 91(9):857-62

Protein synthesis and secretion by the human endometrium and decidua during early pregnancy. Bell SC, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):793-803

Maternal plasma prostaglandin E2 metabolite levels during human pregnancy and parturition. Brennecke SP, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):345-9

Baseline fetal heart rates from 15 to 38 weeks gestation in normotensive and hypertensive pregnancies. Dawson AJ, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):60-4

Outcome of pregnancy following induced abortion. Report from the joint study of the Royal College of General Practitioners and the Royal College of Obstetricians and Gynaecologists. Frank PI, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):308-16

Growth of total intrauterine, intra-amniotic and placental volume in normal singleton pregnancy measured by ultrasound. Geirsson RT, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):46-53

Sexuality in pregnancy and premature labour. Georgakopoulos PA, et al. **Br J Obstet Gynaecol** 1984 Sep; 91(9):891-3

Merits of an individualized approach to fetal movement counting compared with fixed-time and fixed-number methods. Grant A, et al. **Br J Obstet Gynaecol** 1984 Nov; 91(11):1087-90

Immunoreactive prostacyclin and thromboxane metabolites in normal pregnancy and the puerperium. Greer IA, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):581-5

Does smoking influence serum alpha-fetoprotein levels in mid-trimester pregnancies? Haddow JE, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1188-91

Changes in serum albumin and alpha 1-acid glycoprotein concentrations during pregnancy: an analysis of fetal-maternal pairs. Krauer B, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):875-81

A comparison of saliva, plasma unconjugated and plasma total oestriol levels throughout normal pregnancy. Lachelin GC, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1203-9

The assessment of gastric acidity and antacid effect in pregnant women by a non-invasive radiotelemetry technique. O'Sullivan GM, et al. **Br J Obstet Gynaecol** 1984 Oct;91(10):973-8

Effect of short-term maternal exercise on maternal and fetal cardiovascular dynamics. Pijpers L, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1081-6

Platelet values during normal pregnancy. Sill PR, et al. **Br J Obstet Gynaecol** 1985 May;92(5):480-3

Fetal transcutaneous carbon dioxide tension during the second stage of labour. Thomsen SG, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1103-6

Uteroplacental blood flow velocity-time waveforms in normal and complicated pregnancy. Trudinger BJ, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):39-45

Salivary oestriol in normal and abnormal pregnancies. Truran PL, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1210-5

Catecholamine responses to changes in posture during human pregnancy. Whittaker PG, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):586-92

Hormonal profiles in the follicular phase, luteal phase and first trimester of pregnancies arising from in-vitro fertilization. Yovich JL, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):374-84

'Missed pill' conception: fact or fiction? Molloy BG, et al. **Br Med J [Clin Res]** 1985 May 18;290(6480):1474-5

Provision for maternity leave for general practitioners. Schofield P, et al. **Br Med J [Clin Res]** 1985 Feb 16; 290(6467):525-6

Pregnancy after chemotherapy induced ovarian failure. Shalet SM, et al. **Br Med J [Clin Res]** 1985 Mar 23; 290(6472):898

ABC of nutrition. Nutrition for pregnancy. Truswell AS. **Br Med J [Clin Res]** 1985 Jul 27;291(6490):263-6

Abortion and subsequent pregnancy. Bradley CF. **Can J Psychiatry** 1984 Oct;29(6):494-8

Abortion denied--outcome of mothers and babies [letter] Del Campo C. **Can Med Assoc J** 1984 Sep 15;131(6):546, 548

Pregnancy-associated molecular variants of human serum transcortin and thyroxine-binding globulin. Strel'chyonok OA, et al. **Carbohydr Res** 1984 Nov 15;134(1):133-40

Characterization of murine decidual natural killer (NK) cells and their relevance to the success of pregnancy. Croy BA, et al. **Cell Immunol** 1985 Jul;93(2):315-26

Serum cystyl amino peptidase activity in pregnancy. Canagaratna MC, et al. **Ceylon Med J** 1984 Jun;29(2):105-7

Health education needs of primigravidae. Eiser C, et al. **Child Care Health Dev** 1985 Mar-Apr;11(2):53-60

Follow-up study of children born to women denied abortion. Matějček Z, et al. **Ciba Found Symp** 1985;115:136-49

A function for estriol during human pregnancy--a hypothesis. Cohen SL. **Clin Biochem** 1985 Apr;18(2):85-7

Influence of oral contraceptives and pregnancy on constituents of the kallikrein-kininogen system in plasma. Adam A, et al. **Clin Chem** 1985 Sep;31(9):1533-6

Improved determination of estriol-16 alpha-glucuronide in pregnancy urine by direct liquid chromatography with fluorescence detection. Andreolini F, et al. **Clin Chem** 1985 Jan;31(1):124-6

Increased serum sulfate in pregnancy: relationship to gestational age. Cole DE, et al. **Clin Chem** 1985 Jun; 31(6):866-7

Diethylstilbestrol inhibits the estrogen-binding activity of pregnancy plasma; possible role in DES-associated pathology [letter] Savu L, et al. **Clin Chem** 1985 Aug; 31(8):1409-10

Unexpectedly low values for pregnancy-specific beta 1-glycoprotein (SP1): a possible explanation [letter] Sørensen S. **Clin Chem** 1985 Mar;31(3):489

Automated continuous-flow radioimmunoassay for salivary estriol. Truran PL, et al. **Clin Chem** 1984 Oct; 30(10):1678-82

Behaviour of several enzymes of lysosomal origin in human plasma during pregnancy. Lombardo A, et al. **Clin Chim Acta** 1984 Nov 30;143(3):253-64

Acute dopaminergic blockade by sulpiride stimulates beta-endorphin secretion in pregnant women. Abou Samra AB, et al. **Clin Endocrinol (Oxf)** 1984 Nov;21(5):583-8

Angiotensin I forms a high molecular weight complex in serum from pregnant women. Lauritzen E, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1791-4

Human pregnancy serum inhibits interleukin-2 production. Nicholas NS, et al. **Clin Exp Immunol** 1984 Dec; 58(3):587-95

Evaluation of the central dopaminergic activity in gestational hyperprolactinaemia by means of the electroretinographic technique. De Luca Brunori I, et al. **Clin Exp Obstet Gynecol** 1985;12(1-2):13-5

Study of erythrocyte deformability in physiological pregnancy. Mandelli B, et al. **Clin Exp Obstet Gynecol** 1985; 12(1-2):16-20

Blood pressure responses to dietary sodium manipulation during normotensive human pregnancy. McEniery PJ, et al. **Clin Exp Pharmacol Physiol** 1985 May-Jun;12(3):325-30

Platelets in pregnancy: racial differences [letter] Guthrie DL, et al. **Clin Lab Haematol** 1984;6(4):394-6

Morphologic changes in the renal tract in pregnancy. Beydoun SN. **Clin Obstet Gynecol** 1985 Jun;28(2):249-56

The physiology of the renal tract in pregnancy. Davison JM. **Clin Obstet Gynecol** 1985•Jun;28(2):257-65

Maternal nutrition and duration of gestation: a review. Kristal AR, et al. **Clin Obstet Gynecol** 1984 Sep;27(3):553-61

Sexuality during pregnancy. Perkins RP. **Clin Obstet Gynecol** 1984 Sep;27(3):706-16

Plasma concentrations of carbamazepine and carbamazepine 10,11-epoxide during pregnancy and after delivery. Battino D, et al. **Clin Pharmacokinet** 1985 May-Jun;10(3):279-84

A placebo-controlled comparative trial of various prenatal vitamin formulations in pregnant women. Biswas MK, et al. **Clin Ther** 1984;6(6):763-9

Social class, religion and contraceptive failure in a sample of pregnant women in Brisbane. Najman JM, et al. **Community Health Stud** 1984;8(3):323-31

'Does the mode matter?'--A comparison of three modes of questionnaire completion. Quine S. **Community Health Stud** 1985;9(2):151-6

Consensus Development Summaries. Diagnostic ultrasound imaging in pregnancy. National Institutes of Health. **Conn Med** 1984 Sep;48(9):591-5

Immunity and pregnancy. Gill TJ 3d. **CRC Crit Rev Immunol** 1985;5(3):201-27 (182 ref.)

Nutrition during pregnancy: myths and realities. Rosso P. **Curr Concepts Nutr** 1984;13:47-70 (63 ref.)

Relationships of infant birth size to maternal lipoproteins, apoproteins, fuels, hormones, clinical chemistries, and body weight at 36 weeks gestation. Knopp RH, et al. **Diabetes** 1985 Jun;34 Suppl 2:71-7

Sequential studies of glucose tolerance and red blood cell insulin receptors in normal human pregnancy. Lerario AC, et al. **Diabetes** 1985 Aug;34(8):780-6

Insulin action during pregnancy. Studies with the euglycemic clamp technique. Ryan EA, et al. **Diabetes** 1985 Apr;34(4):380-9

Glycosylated haemoglobin in normal pregnancy: a longitudinal study with two independent methods. Worth R, et al. **Diabetologia** 1985 Feb;28(2):76-9

The effect of pregnancy and treatment with 17 beta-estradiol on the transport of organic anions into isolated rat hepatocytes. Brock WJ, et al. **Drug Metab Dispos** 1984 Nov-Dec;12(6):713-6

Differing effects of low and high bulk maternal dietary supplements during pregnancy. Ross SM, et al. **Early Hum Dev** 1985 Jan;10(3-4):295-302

A comparative study of the serum immunoreactive insulin response to 50 and 100g. oral glucose during pregnancy. Bolodeoku JO, et al. **East Afr Med J** 1984 Sep;61(9):696-701

Leucocyte counts during pregnancy and the puerperium and at birth in Nigerians. Fleming AF, et al. **East Afr Med J** 1985 Mar;62(3):175-84

Elevated serum HCG level after intravenous LH-RH administration in human pregnancies. Egyed J, et al. **Endocrinol Exp (Bratisl)** 1985 Mar;19(1):11-5

Serum thyroglobulin concentration in normal pregnancy. Nakamura S, et al. **Endocrinol Jpn** 1984 Dec;31(6):675-9

Effect of pregnancy on development of seizures. Holmes GL, et al. **Epilepsia** 1985 Jul-Aug;26(4):299-302

Serum digoxin measurements during pregnancy. Barbarash RA. **Eur J Clin Pharmacol** 1984;27(1):125

Pharmacokinetics of propranolol during pregnancy. O'Hare MF, et al. **Eur J Clin Pharmacol** 1984;27(5):583-7

Nuclear medicine liver function tests for pregnant women and children. 1. Breath tests with 14C-methacetin and 13C-methacetin. Krumbiegel P, et al. **Eur J Nucl Med** 1985;10(3-4):129-33

Factor VIII-related antigen levels in normal pregnancy and puerperium. Chan SY, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Apr;19(4):199-204

Inverse ratio of hCG in peritoneal fluid to that in serum in normal and tubal pregnancies. Dericks-Tan JS, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jun;19(6):375-82

The pregnant rabbit, guinea pig, sheep and rhesus monkey as models in reproductive physiology. Mårtensson L. **Eur J Obstet Gynecol Reprod Biol** 1984 Oct;18(3):169-82 (91 ref.)

Prostacyclin in pregnancy. Spitz B, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Dec;18(5-6):303-8

Pregnancy rates after laparoscopy for infertility. Trimbos-Kemper GC, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Oct;18(3):127-32

Dehydroepiandrosterone sulphate loading test and determination of plasma oestetrol concentration in late pregnancy. Schollberg K, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):204-8

Contraceptive use, pregnancy and fertility patterns among single American women in their 20s. Tanfer K, et al. **Fam Plann Perspect** 1985 Jan-Feb;17(1):10-9

Conception rates in couples where autoimmunity to sperm is detected. Ayvaliotis B, et al. **Fertil Steril** 1985 May;43(5):739-42

Increased maternal serum 3 alpha, 17 beta-androstanediol glucuronide concentrations during pregnancy. Braunstein GD, et al. **Fertil Steril** 1985 Aug;44(2):210-3

Monitoring techniques for improved pregnancy rates during clomiphene ovulation induction. Hammond MG. **Fertil Steril** 1984 Oct;42(4):499-509 (82 ref.)

The prolactin-releasing mechanism of the hypothalamo-pituitary axis in pregnancy. Kubota T, et al. **Fertil Steril** 1984 Nov;42(5):724-9

Hormonal monitoring of early pregnancy by a direct radioimmunoassay of steroid glucuronides in first morning urine. Mendizábal AF, et al. **Fertil Steril** 1984 Nov;42(5):737-40

Evaluation of early pregnancy by serial chorionic gonadotropin determinations: a comparison of methods by receiver operating characteristic curve analysis. Pittaway DE, et al. **Fertil Steril** 1985 Apr;43(4):529-33

The obstetric consequences of uterovaginal anomalies. Rock JA, et al. **Fertil Steril** 1985 May;43(5):681-92 (40 ref.)

The in vitro fertilization pregnancy rate: let's be honest with one another [editorial] Soules MR. **Fertil Steril** 1985 Apr;43(4):511-3

Factors influencing pregnancy rates following in vitro fertilization and embryo transfer. Wood C, et al. **Fertil Steril** 1985 Feb;43(2):245-50

Histochemical study of the fetal membranes in the human term pregnancy. Sala MA, et al. **Gegenbaurs Morphol Jahrb** 1984;130(5):699-705

Maternal and cord serum levels of tissue polypeptide antigen (TPA) in normal pregnancies. Bremme K, et al. **Gynecol Obstet Invest** 1985;19(3):118-23

Spontaneous pregnancies in hyperprolactinemic women. Crosignani PG, et al. **Gynecol Obstet Invest** 1985;19(1):17-20

Zinc concentration of amniotic fluid in the course of pregnancy and its relationship to fetal weight and length. Durá Travé T, et al. **Gynecol Obstet Invest** 1984;18(3):152-5

Variations in urinary levels of free 6 beta-hydroxycortisol, cortisol, and estrogens in late pregnancy. Hunter DJ, et al. **Gynecol Obstet Invest** 1984;18(2):83-7

Obtained pregnancies by AID using frozen semen in relation to specific qualities of the semen. Nielsen NC, et al. **Gynecol Obstet Invest** 1984;18(3):147-51

Calcium, parathyroid hormone and calcitonin in normal pregnancy and preeclampsia. Pedersen EB, et al. **Gynecol Obstet Invest** 1984;18(3):156-64

Psychological changes over the course of pregnancy: a study of attitudes toward the fetus/neonate. Reading AE, et al. **Health Psychol** 1984;3(3):211-21

Pregnancy-related changes in the human endometrium revealed by lectin histochemistry. Lee MC, et al. **Histochemistry** 1985;82(3):275-80

Hypothalamic hypogonadism: induction of ovulation and pregnancy by subcutaneous pulsatile injections of gonadotrophin-releasing hormone. Woodhouse NJ, et al. **Horm Res** 1984;20(3):172-7

Staff responses to the pregnancy of a therapist on an inpatient unit. Leibenluft E. **Hosp Community Psychiatry** 1984 Oct;35(10):1033-6

Diet during pregnancy in an Asian community in Britain--energy, protein, zinc, copper, fibre and calcium. Abraham R, et al. **Hum Nutr Appl Nutr** 1985 Feb;39(1):23-35

Footnotes to food tables. 2. The underestimations of intakes of lesser B vitamins by pregnant and lactating women as calculated using the fourth edition of McCance and Widdowson's 'The composition of foods'. Black AE, et al. **Hum Nutr Appl Nutr** 1985 Feb;39(1):19-22

Incidence of biochemical riboflavin deficiency in Nigerian pregnant women. Ajayi OA. **Hum Nutr Clin Nutr** 1985 Mar;39(2):149-53

Whole-body protein turnover in Jamaican women during normal pregnancy. de Benoist B, et al. **Hum Nutr Clin Nutr** 1985 May;39(3):167-79

Haematological response to supplements of iron and riboflavin to pregnant and lactating women in rural Gambia. Powers HJ, et al. **Hum Nutr Clin Nutr** 1985 Mar;39(2):117-29

Maternity leave in residency. Herman G. **IMJ** 1984 Nov;166(5):332-3

Correlation of plasma hormone levels and peripheral circulating lymphocyte subpopulations during human pregnancy. Canepa S, et al. **Immunol Lett** 1984;8(4):159-63

Immunohistological characterization of the decidual leucocytic infiltrate related to endometrial gland epithelium in early human pregnancy. Bulmer JN, et al. **Immunology** 1985 May;55(1):35-44

Inhibition of chemotactic activity of leucocytes by pregnancy serum. Datta U, et al. **Indian J Med Res** 1985 Feb;81:157-61

Lymphocyte response to PHA in the presence of sera of pregnant women & its correlation with serum levels of placental specific beta 1-glycoprotein. Majumdar S, et al. **Indian J Med Res** 1984 Apr;79:502-7

Circulating levels of pregnancy specific beta 1-glycoprotein in normal & pathological pregnancies. Majumdar S, et al. **Indian J Med Res** 1984 May;79:630-5

Lymphocyte reactivity to phytohaemmagglutinin during pregnancy & its modulation by foetal calf serum. Ponnappan U, et al. **Indian J Med Res** 1984 Jun;79:772-8

Maternal nutrition and fetal growth. Devi RR, et al. **Indian J Pediatr** 1984 Jul-Aug;51(411):443-9

Should pregnant women care for AIDS patients? [letter]. Solenberger P. **Infect Control** 1985 May;6(5):180

Plasma volume in normal pregnant Nigerian primigravidae. Abudu OO, et al. **Int J Gynaecol Obstet** 1985 Apr;23(2):137-42

Daily rhythm of serum human chorionic gonadotropin and human chorionic somatomammotropin in normal pregnancy. Ayala AR, et al. **Int J Gynaecol Obstet** 1984 Jun;22(3):173-6

Pregnancy despite continued elevation of prolactin levels while on bromergocryptine. Corson SL, et al. **Int J Gynaecol Obstet** 1985 Apr;23(2):105-7

Vitamin requirements in human pregnancy. Hauser GA. **Int Z Vitam Ernahrungsforsch [Beih]** 1985;27:207-12

Dental treatment during pregnancy: a preventive approach. Chiodo GT, et al. **J Am Dent Assoc** 1985 Mar;110(3):365-8 (39 ref.)

Pantothenic acid status of pregnant and lactating women. Song WO, et al. **J Am Diet Assoc** 1985 Feb;85(2):192-8

Physiologic changes in the foot during pregnancy. Block RA, et al. **J Am Podiatr Med Assoc** 1985 Jun;75(6):297-9

Structure-function correlation in the human placenta: the morphometric diffusing capacity for oxygen at full term. Mayhew TM, et al. **J Anat** 1984 Dec;139 (Pt 4):691-708

Human maternal and fetal response to graded exercise. Jovanovic L, et al. **J Appl Physiol** 1985 May;58(5):1719-22

Non-marital pregnancies in New Zealand since the Second World War. Carmichael GA. **J Biosoc Sci** 1985 Apr;17(2):167-83

Abortion experience among obstetric patients at Korle-Bu Hospital, Accra, Ghana. Lamptey P, et al. **J Biosoc Sci** 1985 Apr;17(2):195-203

Determination of oestriol in pregnancy urine by normal-phase high-performance liquid chromatography with electrochemical detection. Gunasingham H, et al. **J Chromatogr** 1985 Jun 14;341(2):271-8

Increased levels of 16 alpha-hydroxyestrone-modified proteins in pregnancy and in systemic lupus erythematosus. Bucala R, et al. **J Clin Endocrinol Metab** 1985 May;60(5):841-7

Components of the total serum thyroid hormone concentrations during pregnancy: high free thyroxine and blunted thyrotropin (TSH) response to TSH-releasing hormone in the first trimester. Guillaume J, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):678-84

Somatomedin levels in pregnancy: longitudinal study in healthy subjects and patients with growth hormone deficiency. Hall K, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):587-94

Immunoreactive corticotropin-releasing factor is present in human maternal plasma during the third trimester of pregnancy. Sasaki A, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):812-4

Adenosine 3',5'-monophosphate levels in human follicular fluid: relationship to oocyte maturation and achievement of pregnancy after in vitro fertilization. Tarlatzis BC, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1111-5

Free 1,25-dihydroxyvitamin D levels in serum from normal subjects, pregnant subjects, and subjects with liver disease. Bikle DD, et al. **J Clin Invest** 1984 Dec;74(6):1966-71

The role of peripheral blood T and B lymphocytes in mitogen responses during human pregnancy. Hirahara F, et al. **J Clin Lab Immunol** 1985 Apr;16(4):191-5

Studies of natural killer cells in pregnancy. I. Analysis at the single cell level. Toder V, et al. **J Clin Lab Immunol** 1984 Jul;14(3):123-7

Studies of natural killer cells in pregnancy. II. The immunoregulatory effect of pregnancy substances. Toder V, et al. **J Clin Lab Immunol** 1984 Jul;14(3):129-33

Normal reference ranges for biochemical substances relating to renal, hepatic, and bone function in fetal and maternal plasma throughout pregnancy. Moniz CF, et al. **J Clin Pathol** 1985 Apr;38(4):468-72

Changes in dentin appositional rates during pregnancy and lactation in rats. Miller SC, et al. **J Dent Res** 1985 Aug;64(8):1062-4

Non-protein-bound oestradiol and progesterone in human peripheral plasma before labour and delivery. Anderson PJ, et al. **J Endocrinol** 1985 Jan;104(1):7-15

Multiple molecular forms of prolactin during pregnancy in women. Pansini F, et al. **J Endocrinol** 1985 Jul;106(1):81-5

Pregnancy and its outcome among hospital personnel according to occupation and working conditions. Saurel-Cubizolles MJ, et al. **J Epidemiol Community Health** 1985 Jun;39(2):129-34

Purification and characterization of a mannose-containing disaccharide obtained from human pregnancy urine. A new immunoregulatory saccharide. Muchmore AV, et al. **J Exp Med** 1984 Dec 1;160(6):1672-85

Papanicolaou smear adequacy: effect of different techniques in specific fertility states. Hamblin JE, et al. **J Fam Pract** 1985 Mar;20(3):257-60

Mechanisms of diminished natural killer cell activity in pregnant women and neonates. Baley JE, et al. **J Immunol** 1985 May;134(5):3042-8

In vitro fertilization and embryo transfer program in Clamart, France. Belaisch-Allart JC, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):51-5

Pregnancies following the frozen storage of expanding human blastocysts. Cohen J, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):59-64

Factors influencing the success of in vitro fertilization for alleviating human infertility. Edwards RG, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):3-23

Organization and computerized analysis of in vitro fertilization and embryo transfer programs. Feichtinger W, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):34-41

In vitro fertilization in Norfolk, Virginia, 1980-1983. Garcia

J, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):24-8

Human in vitro fertilization in a private program: Reproductive Genetics in Vitro, P.C. Henry GP, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):76-9

Brief report of activity within the 6-month period between January 1, 1983, and June 30, 1983, in Vitro Fertilization and Embryo Transfer Program. Hung TT, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):86-8

Summary of the University of Utah in Vitro Fertilization Program. Jones KP, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):80-2

In vitro fertilization and embryo transfer program, Department of Obstetrics and Gynecology, University of Adelaide at the Queen Elizabeth Hospital, Woodville, South Australia. Kerin JF, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):63-71

Human in vitro fertilization employing individualized ovulation induction by human menopausal gonadotropins. Laufer N, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar; 1(1):56-62

Pregnancy without ovarian function. Lutjen P, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):107-8

In vitro fertilization and embryo replacement at the Department of Obstetrics and Gynecology, University of Kiel, F.R.G. Mettler L, et al. **J In Vitro Fert Embryo Transfer** 1984 Dec;1(4):250-62

University of Chicago in Vitro Fertilization Program at Michael Reese Hospital and Medical Center. Scommegna A, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar; 1(1):90-3

Some clinical results of in vitro fertilization by the Malmö Group, Sweden. Sundström P, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):48-50

In vitro fertilization results, 1979-1982, at Monash University, Queen Victoria, and Epworth Medical Centres. Trounson A, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar; 1(1):42-7

Implementation of an in vitro fertilization program. Utian WH, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar; 1(1):72-5

Recent developments in Georgia relating to 'wrongful pregnancy' actions. Berg RN. **J Med Assoc Ga** 1984 Aug; 73(8):561-4

Correlation between first morning sample and twenty four hours urinary estrogen/creatinine ratio. Gongsakdi D, et al. **J Med Assoc Thai** 1984 Oct;67 Suppl 2:27-30

Contracts to bear children. Davies I. **J Med Ethics** 1985 Jun; 11(2):61-5

Myth or fact: can women self-diagnose pregnancy? Bachmann GA. **J Med Soc NJ** 1984 Oct;81(10):857-8

Update: immunizations during pregnancy. Preblud SR, et al. **J Med Soc NJ** 1984 Oct;81(10):889-90

Helping the pregnant student stay in school. Picot SJ. **J Nurs Educ** 1985 Apr;24(4):158-61

Auto safety. Pregnancy and the newborn. Krozy RE, et al. **J Obstet Gynecol Neonatal Nurs** 1985 Jan-Feb;14(1):11-5

Pregnancy and sexuality. Mueller LS. **J Obstet Gynecol Neonatal Nurs** 1985 Jul-Aug;14(4):289-94

Body image attitudes during pregnancy and the postpartum period. Strang VR, et al. **J Obstet Gynecol Neonatal Nurs** 1985 Jul-Aug;14(4):332-7

Quantitation of IgG antibody to the type-specific polysaccharide of group B streptococcus type 1b in pregnant women and infected infants. Gotoff SP, et al. **J Pediatr** 1984 Oct;105(4):628-30

Accumulation of galactose-1-phosphate in the galactosemic fetus despite maternal milk avoidance. Irons M, et al. **J Pediatr** 1985 Aug;107(2):261-3

Zinc supplementation in lactating women: evidence for mammary control of zinc secretion. Moore ME, et al. **J Pediatr** 1984 Oct;105(4):600-2

Umbilical cord length: clinical significance. Naeye RL. **J Pediatr** 1985 Aug;107(2):278-81

Safety of ultrasound. European Federation of Societies for Ultrasound in Medicine & Biology. **J Perinat Med** 1984; 12(6):289-90

Ultrasound in pregnancy [editorial] **J Perinat Med** 1984; 12(6):287-8

Glycosylated hemoglobin (HbA1), glucose tolerance and neonatal outcome in gestational diabetic and non-diabetic mothers. Bacigalupo G, et al. **J Perinat Med** 1984; 12(3):137-45

Maternal serum alpha-fetoprotein levels in low birth weight singleton pregnancies. Buckland CM, et al. **J Perinat Med** 1984;12(3):127-32

Plasma oxytocin in human pregnancy and parturition. de Geest K, et al. **J Perinat Med** 1985;13(1):3-13 (51 ref.)

Maternal serum alpha-fetoprotein (MSAFP) and fetal growth. Mariona FG, et al. **J Perinat Med** 1984; 12(4):179-83

Uterine contractions during pregnancy. Zahn V. **J Perinat Med** 1984;12(3):107-13

Effect of hypoxia and pregnancy on antipyrine metabolism in isolated perfused rat livers. Brouwer KL, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):584-9

Smoking and pregnancy. Abel EL. **J Psychoactive Drugs** 1984 Oct-Dec;16(4):327-38

Immunochemical detection and characterization of pregnancy-associated endometrial alpha 1- and alpha 2-globulins secreted by human endometrium and decidua. Bell SC, et al. **J Reprod Fertil** 1985 May;74(1):261-70

Follicular atresia in relation to oocyte morphology in non-pregnant and pregnant women. Westergaard L. **J Reprod Fertil** 1985 May;74(1):113-8

Maternal cell-mediated immunity to the fetus in human pregnancy. Sargent IL, et al. **J Reprod Immunol** 1985 Feb; 7(2):95-104 (66 ref.)

The suppressive effect of progesterone on lymphocyte cytotoxicity: unique progesterone sensitivity of pregnancy lymphocytes. Szekeres-Bartho J, et al. **J Reprod Immunol** 1985 Feb;7(2):121-8

Human NK cell activity is not inhibited by pregnancy and cord serum factors and female steroid hormones in vitro. Uksila J. **J Reprod Immunol** 1985 Feb;7(2):111-20

Pregnant women's absorption of iron from prenatal supplements. Babior BM, et al. **J Reprod Med** 1985 Apr; 30(4):355-7

Vasopressin levels during pregnancy and labor. DeVane GW. **J Reprod Med** 1985 Apr;30(4):324-7

Combined intrauterine and ovarian pregnancy. A case report. Lee W, et al. **J Reprod Med** 1985 Jul;30(7):563-6

Coexistent complete hydatidiform mole and fetus after therapy with human menopausal gonadotropin. A case report. Zbella EA, et al. **J Reprod Med** 1984 Oct; 29(10):760-2

Dietary practices and aversions during pregnancy and lactation among Sudanese women. Osman AK. **J Trop Pediatr** 1985 Feb;31(1):16-20

Sonographic diagnosis of simultaneous intrauterine and ectopic pregnancy. Benacerraf BR, et al. **J Ultrasound Med** 1985 Jun;4(6):321-2

Maternal alcohol consumption and birth weight [letter] **JAMA** 1985 Jun 28;253(24):3550-1

Cancer risk among women exposed to exogenous estrogens during pregnancy. Hadjimichael OC, et al. **JNCI** 1984 Oct; 73(4):831-4

Unintended pregnancy and the risks/safety of birth control methods. Klein L. **JOGN Nurs** 1984 Sep-Oct;13(5):287-9

Direct radioimmunoassay for human renin substrate and its measurement in plasma from essential hypertensive patients, diabetic patients and pregnant women. Sato Y, et al. **Jpn Circ J** 1984 Nov;48(11):1236-42

Pregnancy with IUD in situ. Fallon JH. **Kans Med** 1985 Jul; 86(7):231, 253

The effect of pregnancy on kidney function in renal allograft recipients. Davison JM. **Kidney Int** 1985 Jan;27(1):74-9

Employment in pregnancy [editorial] **Lancet** 1985 Feb 23; 1(8426):439

Diversity of Plasmodium falciparum antibodies in pregnancy [letter] Brabin BJ, et al. **Lancet** 1985 May 11;1(8437):1098-9

Trophoblast cells in peripheral blood from pregnant women. Covone AE, et al. **Lancet** 1984 Oct 13;2(8407):841-3

Fertility following change of sex: a follow-up [letter] Dewhurst J, et al. **Lancet** 1984 Dec 22;2(8417-18):1461-2

Early prognosis for IVF pregnancies through plasma oestrogens [letter] Emperaire JC, et al. **Lancet** 1984 Nov 17;2(8412):1151

Energy maintenance cost during pregnancy in healthy Swedish women [letter] Forsum E, et al. **Lancet** 1985 Jan 12;1(8420):107-8

Coitus during pregnancy: is it safe? Klebanoff MA, et al. **Lancet** 1984 Oct 20;2(8408):914-7

Maternal weight adjustment and low serum alpha-fetoprotein values [letter] Palomaki GE, et al. **Lancet** 1985 Feb 23; 1(8426):468

Successful pregnancy after Budd-Chiari syndrome [letter] Vons C, et al. **Lancet** 1984 Oct 27;2(8409):975

Embryo quality and pregnancy rates in in-vitro fertilisation [letter] Yovich JL. **Lancet** 1985 Feb 2;1(8423):283-4

Maternal HLA immunization during pregnancy: presence of anti HLA antibodies in half of multigravidous women. Morin-Papunen L, et al. **Med Biol** 1984;62(6):323-5

Exercise during pregnancy. Morton MJ, et al. **Med Clin North Am** 1985 Jan;69(1):97-108

Rh antibodies in pregnancy [letter] Hakim CA. **Med J Aust** 1985 Feb 4;142(3):238

Endurance exercise and pregnancy outcome. Clapp JF 3d, et al. **Med Sci Sports Exerc** 1984 Dec;16(6):556-62

Exercise during pregnancy: maternal and fetal responses. A brief review. Gorski J. **Med Sci Sports Exerc** 1985 Aug; 17(4):407-16 (91 ref.)

Immunology of pregnancy. Adelsberg BR. **Mt Sinai J Med (NY)** 1985 Jan;52(1):5-10

Endocrinology of pregnancy. Kase NG, et al. **Mt Sinai J Med (NY)** 1985 Jan;52(1):11-34 (110 ref.)

Dangers for pregnant women in the work place. Curran WJ. **N Engl J Med** 1985 Jan 17;312(3):164-5

Diagnostic ultrasound imaging in pregnancy. National Institutes of Health Consensus Development Conference. **Nat Inst Health Consensus Dev Conf Consensus Statement** 1984;5(1):17 pp

Marijuana effects on the endocrine and reproductive systems. Discussion and recommendations. Braude MC. **Natl Inst Drug Abuse Res Monogr Ser** 1984;44:124-9

Effects of marijuana on pregnancy and fetal development in the human. Tennes K. **Natl Inst Drug Abuse Res Monogr Ser** 1984;44:115-23 (24 ref.)

Urinary kallikrein in normal pregnancy, pregnancy with hypertension, and toxemia. Kovatz S, et al. **Nephron** 1985; 40(1):48-51

Maternal caffeine use before, during and after pregnancy and effects upon offspring. Watkinson B, et al. **Neurobehav Toxicol Teratol** 1985 Jan-Feb;7(1):9-17

Changes in contact activation system during pregnancy, delivery and menstrual cycle. Soma H, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):235-41

The changes in CAP activity in first trimester placental chorionic villi and maternal serum, and their clinical significance. Suzuki M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May;37(5):763-8

Network structure, social support, and psychological outcomes of pregnancy. Cronenwett LR. **Nurs Res** 1985 Mar-Apr;34(2):93-9

How much energy does a pregnant woman need? **Nutr Rev** 1985 Apr;43(4):110-1 (8 ref.)

In defence of traditional massage [letter] Maiai S. **NZ Med J** 1985 Apr 10;98(776):251

Prolactin secretion during pregnancy and puerperium: response to metoclopramide and interactions with placental hormones. Bohnet HG, et al. **Obstet Gynecol** 1985 Jun; 65(6):789-92

Self-inflicted gunshot wound to the pregnant uterus: report of two cases. Buchsbaum HJ, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):32S-35S

Effect of work during pregnancy. Chamberlain G. **Obstet Gynecol** 1985 May;65(5):747-50

Conception rate after gonadotropin therapy in hyperprolactinemia and normoprolactinemia. Farine D, et al. **Obstet Gynecol** 1985 May;65(5):658-60

Maternal and fetal plasma concentrations of ritodrine. Gross TL, et al. **Obstet Gynecol** 1985 Jun;65(6):793-7

Thermoregulation during aerobic exercise in pregnancy. Jones RL, et al. **Obstet Gynecol** 1985 Mar;65(3):340-5

To have or not to have a pregnancy. Klein L. **Obstet Gynecol** 1985 Jan;65(1):1-4

CA125 antigen levels in obstetric and gynecologic patients. Niloff JM, et al. **Obstet Gynecol** 1984 Nov;64(5):703-7

Cyclic therapy resulted in pregnancy in premature ovarian failure. Ohsawa M, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):64S-67S

Drug overdose during pregnancy: an overview from a metropolitan poison control center. Rayburn W, et al. **Obstet Gynecol** 1984 Nov;64(5):611-4

Diminished bilirubin binding by the serum of pregnant women. Ritter DA, et al. **Obstet Gynecol** 1985 May; 65(5):633-6

Three fetal ponderal indexes in normal pregnancy. Vintzileos AM, et al. **Obstet Gynecol** 1985 Jun;65(6):807-11

Structural and functional evidence for the denervation of human myometrium during pregnancy. Wikland M, et al. **Obstet Gynecol** 1984 Oct;64(4):503-9

Pregnancy related to infertility diagnosis, number of attempts, and age in a program of in vitro fertilization. Wilkes CA, et al. **Obstet Gynecol** 1985 Sep;66(3):350-2

Immunologic factors influencing pregnancy. Gall SA. **Obstet Gynecol Annu** 1985;14:25-44 (60 ref.)

Sexuality in pregnancy and the puerperium: a review. Reamy K, et al. **Obstet Gynecol Surv** 1985 Jan;40(1):1-13 (144 ref.)

Attempted suicide in response to refusal of elective abortion. Gabinet L. **Ohio State Med J** 1984 Nov;80(11):801-3

The maternal immunological response during pregnancy. Carter J. **Oxf Rev Reprod Biol** 1984;6:47-128 (540 ref.)

Pain reactions in pregnant women. Goolkasian P, et al. **Pain** 1984 Sep;20(1):87-95

Subsequent pregnancy in mothers of infants with congenital heart disease. Rubin JD, et al. **Pediatrics** 1985 Sep; 76(3):371-4

Maternal and fetal responses to exercise during pregnancy. Lotgering FK, et al. **Physiol Rev** 1985 Jan;65(1):1-36 (226 ref.)

Antigen expression by trophoblast populations in the human placenta and their possible immunobiological relevance. Bulmer JN, et al. **Placenta** 1985 Mar-Apr;6(2):127-40 (53 ref.)

Placental protein 12 (PP12): factors affecting levels in late pregnancy. Rutanen EM, et al. **Placenta** 1984 May-Jun; 5(3):243-8

Effects of sports and exercise in pregnancy. With guidelines for patients. Maeder EC. **Postgrad Med** 1985 Feb 1; 77(2):112, 114

Human placental lactogen (hPL) deficiency in a normal pregnancy. Giampietro O, et al. **Postgrad Med J** 1984 Oct; 60(708):689-90

Is paid employment during pregnancy detrimental to the offspring? Beral V, et al. **Prog Clin Biol Res** 1985; 163B:261-4

Control of prostacyclin synthesis in pregnancy-induced hypertension. Keirse MJ, et al. **Prostaglandins** 1985 Apr; 29(4):643-50

6-Keto prostaglandin F1 alpha, thromboxane B2 and 13,14-dihydro-15-keto prostaglandin F levels in maternal and fetal plasma. Yamaguchi M, et al. **Prostaglandins Leukotrienes Med** 1984 Sep;15(3):325-36

Platelet 3H-imipramine binding in pregnancy and the puerperium. Katona CL, et al. **Psychiatry Res** 1985 Jan; 14(1):33-7

Estimates of pregnancies and pregnancy rates for the United States, 1976-81. Ventura SJ, et al. **Public Health Rep** 1985 Jan-Feb;100(1):31-4

Hepatic drug metabolism in pregnancy. Stock BH. **Q Rev Drug Metab Drug Interact** 1984;5(1):53-81 (66 ref.)

Obstetrical magnetic resonance imaging: maternal anatomy. McCarthy SM, et al. **Radiology** 1985 Feb;154(2):421-5

Prediction of birthweight by the use of extrauterine measurements during labor. Engstrom JL, et al. **Res Nurs Health** 1984 Dec;7(4):315-23

Respiratory function during pregnancy. Liberatore SM, et al. **Respiration** 1984;46(2):145-50

Plasma lipids and apolipoproteins A and B in human pregnancy. Pocoví M, et al. **Rev Esp Fisiol** 1984 Jun; 40(2):183-9

Changes of plasma protease inhibitors in late pregnancy, during delivery and puerperium in normal women and in preeclampsia. Gamba G, et al. **Ric Clin Lab** 1984 Jul-Sep; 14(3):521-5

The presence of macromolecular prolactin in serum of pregnant women and patients with pituitary adenoma. Ohnami S, et al. **Sangyo Ika Daigaku Zasshi** 1985 Jun 1; 7(2):185-92

Reference intervals for urinary glucose in pregnancy. Mortensen H, et al. **Scand J Clin Lab Invest** 1984 Sep; 44(5):409-12

Renal haemodynamics and volume homeostasis in pregnancy. Davison JM. **Scand J Clin Lab Invest [Suppl]** 1984; 169:15-27 (42 ref.)

Liver retinoids and retinol esterification in fetal and pregnant rats at term. Rasmussen M, et al. **Scand J Gastroenterol** 1985 Aug;20(6):696-700

The heritability of smoking behaviour in pregnancy, and the birth weights of offspring of smoking-discordant twins. Magnus P, et al. **Scand J Soc Med** 1985;13(1):29-34

Some aspects of sexual knowledge and sexual behavior of local women. Results of a survey. 1. General sexual knowledge and attitude to abortion, pregnancy and contraception. Atputharajah V. **Singapore Med J** 1984 Jun; 25(3):135-40

Pregnancy, labor and body image in the United States. Martin E. **Soc Sci Med** 1984;19(11):1201-6

Concentration of serum prealbumin and retinol-binding proteins during pregnancy. Giacoia GP. **South Med J** 1984 Oct;77(10):1261-3

Effect of passive immunity to tetanus in DTP vaccinated infants. Sangpetchsong V, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar; 16(1):117-23

Pregnancy after valve replacement with porcine xenograft prosthesis. Deviri E, et al. **Surg Gynecol Obstet** 1985 May; 160(5):437-43

Plastic unification of a double uterus and the outcome of pregnancy. Narita O, et al. **Surg Gynecol Obstet** 1985 Aug; 161(2):152-6

Protein C antigen during pregnancy, delivery and puerperium [letter] Mannucci PM, et al. **Thromb Haemost** 1984 Oct 31;52(2):217

Haemostasis in normal pregnancy. Stirling Y, et al. **Thromb Haemost** 1984 Oct 31;52(2):176-82

The fast inhibitor of tissue plasminogen activator in plasma during pregnancy. Wiman B, et al. **Thromb Haemost** 1984 Oct 31;52(2):124-6

Calmodulin concentration in the uterus during pregnancy and influence of sex steroids. Yoshida T, et al. **Tohoku J Exp Med** 1985 Apr;145(4):381-5

Demonstration of HCG on the surface of maternal lymphocytes and discrimination of T and B cells by esterase cytochemistry. Yamauchi S, et al. **Tokai J Exp Clin Med** 1983 Nov;8(4):333-7

Origin of decidual cells in murine pregnancy and pseudopregnancy. Gambel P, et al. **Transplantation** 1985 Apr;39(4):443-5

Serum calcium and protein levels in pregnant African and Caucasian women. Ekeke GI, et al. **Trop Geogr Med** 1985 Jun;37(2):178-82

Clinical evaluation of ketone bodies in body fluids of cows in late pregnancy and their fetuses. Hradecký P, et al. **Vet Res Commun** 1984 Aug;8(3):195-202

Maternal and fetal well-being. Shy KK, et al. **West J Med** 1984 Dec;141(6):807-15 (122 ref.)

Maternal blood total oxypurines and erythrocyte 2,3-diphosphoglycerate levels during normal pregnancy. Mizutani S, et al. **Z Geburtshilfe Perinatol** 1985 Jan-Feb; 189(1):34-6

Personality and attitude variables of women and their spouses as predictors of women's experience of pregnancy. Lips HM. **Zentralbl Gynakol** 1984;106(19):1325-37

[Combined pregnancy--early diagnosis by ultrasound. Case report] Wessels PH, et al. **S Afr Med J** 1984 Sep 8; 66(10):381-2 (Eng. Abstr.) **(Afr)**

[Pregnancy and interferon] Arnaudova V. **Akush Ginekol (Sofiia)** 1985;24(3):76-81 (27 ref.) **(Bul)**

[The degree of endothelial desquamation in normal pregnancy and the puerperium] Glavanakova V, et al. **Akush Ginekol (Sofiia)** 1985;24(3):1-6 (Eng. Abstr.) **(Bul)**

[Antithrombin III in normal pregnancy and late toxicoses] Kholevich [illegible], et al. **Akush Ginekol (Sofiia)** 1984;23(4):306-9 (Eng. Abstr.) **(Bul)**

[Thromboplastin activity of the amniotic fluid as a criterion of fetal maturity in normal pregnancy] Marinov B, et al. **Akush Ginekol (Sofiia)** 1984;23(5):392-6 (Eng. Abstr.) **(Bul)**

[A rare case of combined uterine and extrauterine pregnancy and the birth of live and viable fetuses] Masarliev A, et al. **Akush Ginekol (Sofiia)** 1985;24(1):88-90 **(Bul)**

[Values of plasma renin activity and aldosterone in normotensive pregnant women] Melamed V, et al. **Akush Ginekol (Sofiia)** 1984;23(4):320-3 (Eng. Abstr.) **(Bul)**

[Hormonal balance during pregnancy and labor and some deviations] Penev I. **Akush Ginekol (Sofiia)** 1985;24(2):9-20 (181 ref.) (Eng. Abstr.) **(Bul)**

[Folic acid and pregnancy] Rachev E. **Akush Ginekol (Sofiia)** 1984;23(5):375-81 (38 ref.) **(Bul)**

[Serum level of pregnancy-specific beta 1-glycoprotein (SP1) in pregnant women (a preliminary report)] Radikov N, et al. **Akush Ginekol (Sofiia)** 1985;24(2):24-8 (Eng. Abstr.) **(Bul)**

[Concentration of magnesium and calcium electrolytes in the last trimester of normal pregnancy and in fetal hypotrophy] Ruseva R, et al. **Akush Ginekol (Sofiia)** 1985;24(1):11-5 (Eng. Abstr.) **(Bul)**

[Ultrasonic measurement of fetal femur length in normal pregnancy] Ruseva R, et al. **Akush Ginekol (Sofiia)** 1984; 23(5):387-91 (Eng. Abstr.) **(Bul)**

[Changes in the ultrasonic picture of the placenta with advancing pregnancy] Ruseva R, et al. **Akush Ginekol (Sofiia)** 1984;23(5):381-7 (Eng. Abstr.) **(Bul)**

[Thyroid functional characteristics in normal pregnancy] Zakharieva B, et al. **Akush Ginekol (Sofiia)** 1985;24(2):21-4 (Eng. Abstr.) **(Bul)**

[Changes in maternal cortisol levels during pregnancy] Ye XQ, et al. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Mar; 20(2):111-2 **(Chi)**

[Clinical standards of intrauterine fetal growth--measurement of the uterine height, girth and weight of the pregnant woman] Liu ZF. **Chung Hua I Hsueh Tsa Chih** 1984 Oct;64(10):628-32 **(Chi)**

[Relation between menstrual, reproductive factors and pathogenesis of breast cancer] Wu GL. **Chung Hua I Hsueh Tsa Chih** 1985 May;65(5):273-7 (Eng. Abstr.) **(Chi)**

[Blood levels of acute phase proteins in physiological pregnancy] Fuchs V, et al. **Bratisl Lek Listy** 1985 May; 83(5):493-501 (Eng. Abstr.) **(Cze)**

[Immunocomplexes in pregnancy. I. Determination of circulating complexes using the PEG method] Knobloch V, et al. **Cesk Gynekol** 1985 May;50(4):243-6 (Eng. Abstr.) **(Cze)**

[Bichorionic pregnancy as a cause of posthemorrhagic shock] Seget'a J, et al. **Cesk Gynekol** 1985 Jun;50(5):359-60 **(Cze)**

[Suggestion for a new form for documentation of pregnancy and a suggestion for the pregnancy record as a supplement to the gynecologist's records] Stašek K, et al. **Cesk Gynekol** 1985 Apr;50(3):188-202 **(Cze)**

[Reproduction in women who had a birth weight of 1000 gms or less] Syrovátka A, et al. **Cesk Pediatr** 1984 Feb; 39(2):95-8 (Eng. Abstr.) **(Cze)**

[Changes in blood calcium during physiologic and pathologic pregnancy] Blekta M, et al. **Sb Lek** 1985 Jan;87(1):17-22 (Eng. Abstr.) **(Cze)**

[Changes in the blood picture and iron stores during pregnancy and after labor] Zivný J, et al. **Sb Lek** 1985 Apr;87(4):90-7 (Eng. Abstr.) **(Cze)**

[The life style of pregnant women. A pilot project on diet, alcohol and tobacco] Frische G, et al. **Ugeskr Laeger** 1984 Aug 13;146(33):2497-500 (Eng. Abstr.) **(Dan)**

[The prognostic value of screening for serum estradiol in the 32d week of normal pregnancy. A retrospective review of 1000 pregnancy records] Hée P, et al. **Ugeskr Laeger** 1985 May 13;147(20):1622-5 (Eng. Abstr.) **(Dan)**

[Unwanted pregnancy after careful contraception] Bakker RW, et al. **Ned Tijdschr Geneeskd** 1985 Mar 23; 129(12):559-60 **(Dut)**

[Obstetrical consequences of unresolved mourning over the death of an infant in the perinatal period] Eskes TK. **Ned Tijdschr Geneeskd** 1985 Mar 9;129(10):433-6 **(Dut)**

[Supplementary tests in pregnant women] Colombeau P, et al. **Ann Urol (Paris)** 1984 Sep;18(5):342-4 (Eng. Abstr.) **(Fre)**

[The upper urinary tract in pregnant women. Physiopathologic, ultrasonic and urographic study] Wolf P, et al. **Ann Urol (Paris)** 1984 Sep;18(5):347-9 (Eng. Abstr.) **(Fre)**

[Occupational exposure to formaldehyde during pregnancy (letter)] Messier A. **Can Med Assoc J** 1984 Nov 1; 131(9):1019, 1022 **(Fre)**

[Real and false risks of natural methods of birth planning] Zufferey MM. **Gynakol Rundsch** 1984;24 Suppl 1:37-9 **(Fre)**

[Does a second pregnancy induced by artificial insemination occur more rapidly than the first? (letter)] Bremond A, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(5):583 **(Fre)**

[Echocardiography study of hemodynamic changes in pregnancy] Castillon G, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(5):499-505 (Eng. Abstr.) **(Fre)**

[Fetal cardiac biometry. Evaluation of the growth of the right and left ventricles using bidimensional echocardiography in normal pregnancies] Créquat J, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(3):321-5 (Eng. Abstr.) **(Fre)**

[Value of the measurement of SP1 protein in the early diagnosis of pregnancy induced with Pregnyl] Cusumano G, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985; 14(3):309-13 (Eng. Abstr.) **(Fre)**

[Relations between iron levels in mothers and in their newborn infants] Hercberg S, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):855-60 (Eng. Abstr.) **(Fre)**

[Reproduction and immune factors in women. Pregnancy, habitual abortion and HLA histocompatibility] Martin-du-Pan RC, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(3):291-3 (Eng. Abstr.) **(Fre)**

[Amniotic fibronectin in normal pregnancy and pregnancy with fetal anencephaly] Ruelland A, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(3):305-8 (Eng. Abstr.) **(Fre)**

[Characteristics of pregnancies obtained by in vitro fertilization] Salat-Baroux J, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(3):365-74 (Eng. Abstr.) **(Fre)**

[Dental hygiene and motivation of 250 subjects in a prenatal clinic] Kohl J. **Rev Belge Med Dent** 1985 Jan-Feb;40(1):22 (Eng. Abstr.) **(Fre)**

[Analysis of the attraction of an obstetrical service. Analysis of preferences according to geographic distance, sociocultural level and previous medical experiences] Tresmontant R, et al. **Rev Epidemiol Sante Publique** 1985; 33(1):22-8 (Eng. Abstr.) **(Fre)**

[Uncomplicated pregnancies following recovery from acute pregnancy-related hepatic steatosis] Crouet H, et al. **Rev Fr Gynecol Obstet** 1985 Feb;80(2):113-7 (Eng. Abstr.) **(Fre)**

[Pregnancy and delivery following insemination with frozen donor sperm] Lansac J, et al. **Rev Fr Gynecol Obstet** 1984 Jul-Sep;79(7-9):565-9 (Eng. Abstr.) **(Fre)**

[The kidney and normal pregnancy] Robert D. **Rev Med Suisse Romande** 1984 Aug;104(8):573-6 (18 ref.) **(Fre)**

[Accidental rubella vaccination in pregnancy] Enders G. **Dtsch Med Wochenschr** 1984 Nov 23;109(47):1806-9 (Eng. Abstr.) **(Ger)**

[Determination of progesterone in serum. Clinical significance in early pregnancy] Friedrich F, et al. **Fortschr Med** 1984 Nov 8;102(41):1053-5 (Eng. Abstr.) **(Ger)**

[Breast feeding behavior and attitude to pregnancy in rooming-in patients] Husstedt W, et al. **Fortschr Med** 1985 Jan 17;103(3):37-8 (Eng. Abstr.) **(Ger)**

[Rate of pregnancy in the treatment of sterility during spontaneous and therapy cycles] Bubenheim W, et al. **Geburtshilfe Frauenheilkd** 1985 Jul;45(7):459-61 (Eng. Abstr.) **(Ger)**

[Vaccinations in pregnancy] Stickl H. **Geburtshilfe Frauenheilkd** 1985 Jun;45(6):347-50 (13 ref.) (Eng. Abstr.) **(Ger)**

[Travel, sports and pregnancy] Huch R. **Geburtshilfe Fraunheilkd** 1985 Mar;45(3):140-6 (Eng. Abstr.) **(Ger)**

[Prenatal human life and unwanted pregnancy: our medical responsibility] Petersen P. **Geburtshilfe Fraunheilkd** 1984 Sep;44(9):599-603 (Eng. Abstr.) **(Ger)**

[The question of liability in pregnancy cases] Schlund GH. **Geburtshilfe Fraunheilkd** 1984 Jul;44(7):472-4 **(Ger)**

[Pregnancy and nutrition] Schneider H. **Geburtshilfe Fraunheilkd** 1985 Mar;45(3):135-9 (Eng. Abstr.) **(Ger)**

[Annual meeting of the Austrian Society for Gynecology and Obstetrics. June 1984, Bad Mitterndorf. Abstracts] **Gynakol Rundsch** 1984;24 Suppl 2:1-189 **(Ger)**

[Free thyroid hormones in pregnancy] Lenzer-Schumacher C, et al. **Nuklearmedizin** 1984 Jun;23(3):139-41 (Eng. Abstr.) **(Ger)**

[Social medicine evaluation of women employed while pregnancy] Grosspietzsch R, et al. **Off Gesundheitswes** 1984 Nov;46(11):549-53 **(Ger)**

[Indoor and outdoor lead burden in pregnant women and newborn infants in the Nordenham region] Thron HL, et al. **Schriftenr Ver Wasser Boden Lufthyg** 1984;59:231-52 **(Ger)**

[The course of pregnancy in a representative Swiss sample (Aarau Pregnancy and Newborn Infant Study). II. Stimulants in pregnancy] Fricker HS, et al. **Schweiz Med Wochenschr** 1985 Mar 16;115(11):381-6 (Eng. Abstr.) **(Ger)**

[Effect of pregnancy on maternal carbohydrate and lipid metabolism. II: Changes in lipid and carbohydrate metabolism as well as hormonal changes following intravenous glucose administration] Feige A, et al. **Z Geburtshife Perinatol** 1984 Jul-Aug;188(4):167-73 (Eng. Abstr.) **(Ger)**

[Early mother-child relations in relation to the desire for children. Significance of care conditions for the emotional conditioning of the female] Busacca M, et al. **Zentralbl Gynakol** 1984;106(24):1572-81 (Eng. Abstr.) **(Ger)**

[Relation between the body weight of the pregnant patient and her serum alpha fetoprotein levels] Gardó S, et al. **Zentralbl Gynakol** 1985;107(1):31-4 (Eng. Abstr.) **(Ger)**

[Energy metabolism of the myometrium in pregnancy and labor] Laudański T. **Zentralbl Gynakol** 1985;107(9):568-73 (Eng. Abstr.) **(Ger)**

[Changes in the immunoglobulins IgG, IgA and IgM in pregnancy and the puerperium] Miller EC, et al. **Zentralbl Gynakol** 1984;106(15):1084-91 (Eng. Abstr.) **(Ger)**

[Usefulness of the S-S-G, a questionnaire for measuring attitude to pregnancy, sexuality and birth] Thormann K, et al. **Zentralbl Gynakol** 1984;106(19):1314-24 (Eng. Abstr.) **(Ger)**

[Obstetrical and perinatal risks in elderly pregnant women] Cappa F, et al. **Minerva Ginecol** 1984 Dec;36(12):767-71 (Eng. Abstr.) **(Ita)**

[Correlations between the increment of maternal weight and neonatal mortality in a population of low-weight newborn infants] Pesando PC, et al. **Minerva Ginecol** 1985 Mar; 37(3):65-72 (Eng. Abstr.) **(Ita)**

[Endorphins and pregnancy] Stoppelli I, et al. **Minerva Ginecol** 1984 Dec;36(12):761-6 (Eng. Abstr.) **(Ita)**

[Self-image of a group of pregnant women before and after echographic examination] Galati D, et al. **Minerva Psichiatr** 1984 Apr-Jun;25(2):93-9 (Eng. Abstr.) **(Ita)**

[Psychological aspects of pregnant women with breast cancer and the desire of mastectomy patients to become pregnant] Lazzari R, et al. **Minerva Psichiatr** 1984 Oct-Dec; 25(4):223-6 (Eng. Abstr.) **(Ita)**

[Parametric methods applied to the standardization of gestational reference intervals for blood renin activity, aldosterone and cortisol using the transversal and longitudinal approach] Cugini P, et al. **Quad Sclavo Diagn** 1984 Sep;20(3):245-57 (Eng. Abstr.) **(Ita)**

[Pulmonary function in pregnancy] Shiraishi T. **Kokyu To Junkan** 1985 Apr;33(4):488-95 **(Jpn)**

[Studies on clinical and physiological changes associated with swimming by pregnant women] Asakura H. **Nippon Ika Daigaku Zasshi** 1984 Dec;51(6):738-47 (Eng. Abstr.) **(Jpn)**

[The uterine cervix during pregnancy and labor] Kikuchi S. **Nippon Ika Daigaku Zasshi** 1984 Aug;51(4):411-8 (13 ref.) **(Jpn)**

[Circulating free T3 in pregnancy, liver diseases, diabetes mellitus and thyroid diseases] Ohyama T, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Oct 20;60(10):1227-34 (Eng. Abstr.) **(Jpn)**

[Proceedings of the 36th annual scientific meeting of the Japan Society of Obstetrics and Gynecology. 12-16 May 1984, Sendai, Japan. Abstracts] **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Sep; 36(9):1411-782 **(Jpn)**

[Quantitative studies on maternal perception of fetal movement with two ultrasonic real-time scanners] Hara K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1907-12 (Eng. Abstr.) **(Jpn)**

[The influence of maternal oxygen inhalation for 30 to 60 minutes on fetal oxygenation] Haruta M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1921-9 (Eng. Abstr.) **(Jpn)**

[Urinary kallikrein quantity and activity in normal pregnant women in the third trimester] Hiruta M. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul; 37(7):1156-60 (Eng. Abstr.) **(Jpn)**

[Changes in placental enzymatic activities in relation to estrogen production during pregnancy] Ishida T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr; 37(4):547-54 (Eng. Abstr.) **(Jpn)**

[Erythrocyte deformability and adenosine triphosphate (ATP) levels in normal pregnancy and puerperium] Marumoto Y, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Nov; 36(11):2079-84 (Eng. Abstr.) **(Jpn)**

[The influences of prostaglandin E2 on hormones in maternal-fetoplacental unit] Miyakawa I, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1197-202 (Eng. Abstr.) **(Jpn)**

[Shift of placental alkaline phosphatase isoenzymes in the course of pregnancy] Nozawa S, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1145-54 (Eng. Abstr.) **(Jpn)**

[Steroid levels and myometrial sensitivity to oxytocin] Ogawa K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1203-12 (Eng. Abstr.) **(Jpn)**

[Pregnancy following removal and chemotherapy of malignant mixed germ cell tumor of the ovary] Saito J, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jun; 37(6):1042-5 **(Jpn)**

[Characterization of immune complexes in normal pregnancies] Saito S. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Mar; 37(3):391-400 (Eng. Abstr.) **(Jpn)**

[Urinary kallikrein levels during pregnancy] Saitoh M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr; 37(4):539-46 (Eng. Abstr.) **(Jpn)**

[Recent trend in the managements of blood-type-incompatible pregnancy--with special reference to the peculiarities in Japan] Shirakawa K. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1969-74 **(Jpn)**

[Changes in active and inactive renin throughout pregnancy] Takahashi T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul;37(7):1112-6 (Eng. Abstr.) **(Jpn)**

[Rapid measurement of estriol & estradiol by high performance liquid chromatography (HPLC)] Uchida N, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1249-53 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of a cancer antigen CA 125 associated with ovarian cancer. II. Serum CA 125 levels in normal pregnancy] Suzuki M, et al. **Rinsho Byori** 1985 Jan; 33(1):73-6 **(Jpn)**

[Serum creatinine levels in physiological pregnancy and in pregnancy complicated by EPH gestosis] Kolasa F, et al. **Ginekol Pol** 1984 Oct;55(10):753-5 (Eng. Abstr.) **(Pol)**

[Serum uric acid levels in physiological pregnancy and in pregnancy complicated by EPH gestosis] Kolasa F, et al. **Ginekol Pol** 1984 Oct;55(10):749-51 (Eng. Abstr.) **(Pol)**

[Changes in serum ferritin levels in normal pregnancy] Skalba P, et al. **Ginekol Pol** 1984 Apr;55(4):263-7 (Eng. Abstr.) **(Pol)**

[Spirometric studies in women during normal pregnancy and in pregnancy complicated by anemia] Skrzypiec R. **Ginekol Pol** 1984 Jul;55(7):487-91 (Eng. Abstr.) **(Pol)**

[Prenatal blood level of oxytocinase in the mother and the condition of the newborn infant] Tomaszczyk J, et al. **Ginekol Pol** 1984 Sep;55(9):649-51 (Eng. Abstr.) **(Pol)**

[Studies on various hemodynamic indicators in healthy pregnant women using echocardiography] Kuźniar J, et al. **Kardiol Pol** 1984;27(5):375-83 (Eng. Abstr.) **(Pol)**

[Echocardiographic evaluation of the circulatory system in pregnant women] Kuśnierz B, et al. **Pol Tyg Lek** 1985 Apr 22;40(16):449-53 (Eng. Abstr.) **(Pol)**

[Zinc concentration in the food and bodies of pregnant women, newborn infants and children] Muszyńska-Zimna E, et al. **Pol Tyg Lek** 1985 Jan 14;40(2):51-5 (28 ref.) **(Pol)**

[Recognition of exercise physiology in the clinical practice of obstetrics and perinatology] Brodziński W. **Wiad Lek** 1985 Feb 1;38(3):210-6 (Eng. Abstr.) **(Pol)**

[Vaginal and oral cytohormonal smears and crystallization of cervical mucus and saliva in advanced pregnancy] Stepińska B, et al. **Wiad Lek** 1984 Dec 15;37(24):1922-5 (Eng. Abstr.) **(Pol)**

[Sodium, potassium adenosine triphosphatase activity and sodium and potassium concentrations in the erythrocytes in normal pregnancy and in EPH-gestosis] Zajac I. **Wiad Lek** 1984 Apr 15;37(8):601-6 (Eng. Abstr.) **(Pol)**

[The 24-hour excursion and diurnal rhythm of blood sugar in normal pregnant women close to term] Zugaib M, et al. **Rev Paul Med** 1985 Jan-Feb;103(1):7-10 (Eng. Abstr.) **(Por)**

[Evaluation of maternal nutritional status and duration of breast feeding] Tudisco ES, et al. **Rev Saude Publica** 1984 Aug;18(4):313-22 (Eng. Abstr.) **(Por)**

[Serum alpha-tocopherol levels in women with physiological pregnancy and pregnancy complications] Ashmis VK, et al. **Akush Ginekol (Mosk)** 1985 May;(5):22-4 (Eng. Abstr.) **(Rus)**

[Regional blood flow during pregnancy] Davydov SN, et al. **Akush Ginekol (Mosk)** 1984 Dec;(12):3-5 (50 ref.) **(Rus)**

[Folic acid and vitamin B 12 levels in the blood of healthy pregnant women and in patients with anemia of various degrees of severity] Ergina TP. **Akush Ginekol (Mosk)** 1984 Dec;(12):25-7 (Eng. Abstr.) **(Rus)**

[Excretion of sex hormones in relation to serum levels of cholesterol and cholesterol esters in physiological pregnancy] Kurysheva KA, et al. **Akush Ginekol (Mosk)** 1985 May;(5):37-9 (Eng. Abstr.) **(Rus)**

[Use of integral rheography of the body in obstetrics for the quantitative evaluation of cardiac output] Lebedeva IM, et al. **Akush Ginekol (Mosk)** 1984 Dec;(12):17-20 (Eng. Abstr.) **(Rus)**

[Platelet component of hemostasis in uncomplicated pregnancy] Pervova TV. **Akush Ginekol (Mosk)** 1984 Oct; (10):67-70 (Eng. Abstr.) **(Rus)**

[Role of positive emotions and emotion-positive brain structures in the regulation of the process of gestation] Savchenko Iul, et al. **Akush Ginekol (Mosk)** 1984 Dec; (12):11-4 (Eng. Abstr.) **(Rus)**

[Pregnancy and labor in women following surgical diathermy treatment of the vaginal portion of the cervix uteri] Shchipurzhitskaia ZI, et al. **Akush Ginekol (Mosk)** 1985 Mar;(3):66-9 (Eng. Abstr.) **(Rus)**

[Cytochemical study of blood enzyme activity in normal pregnancy] Strizhova NV, et al. **Akush Ginekol (Mosk)** 1985 Jan;(1):54-6 (Eng. Abstr.) **(Rus)**

[Immunochemical study of the system of soluble leukocyte antigens in normal pregnancy and pregnancy complicated by late toxicosis] Strizhova NV, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):45-7 (Eng. Abstr.) **(Rus)**

[Carbohydrate-protein compounds and ascorbic acid in the amniotic fluid in normal and complicated pregnancy] Tsapok PI. **Akush Ginekol (Mosk)** 1984 Oct;(10):41-3 (Eng. Abstr.) **(Rus)**

[Activity of natural killer cells and the rosette-forming function of peripheral blood lymphocytes in physiological pregnancy] Tsvetkov VV, et al. **Akush Ginekol (Mosk)** 1984 Dec;(12):14-6 (Eng. Abstr.) **(Rus)**

[Quantitative analysis of nicotine in the plasma of pregnant and non-pregnant animals by gas chromatography] Gracheva KM, et al. **Gig Sanit** 1984 Aug;(8):60-2 **(Rus)**

[Secretion of progesterone and placental lactogen during physiological pregnancy] Minkina AI, et al. **Med Radiol (Mosk)** 1985 Jul;30(7):25-7 (Eng. Abstr.) **(Rus)**

[Functional rehabilitation and successful labor in a patient in the remote period after extensive resection of lung tissue] Lopatin VA, et al. **Probl Tuberk** 1985;(3):68-9 **(Rus)**

[Pregnancy and natural labor after replacement of the urinary bladder with an intestinal graft] Sitdykov EN, et al. **Urol Nefrol (Mosk)** 1985 Jan-Feb;(1):52-3 **(Rus)**

[Pentose monophoshate pathway and the glutathione system in physiological pregnancy] D'iakova NG, et al. **Vopr Med Khim** 1985 Mar-Apr;31(2):33-6 (Eng. Abstr.) **(Rus)**

[Glycolytic enzyme activity and levels of glycolysis metabolites in erythrocytes in physiological pregnancy] D'iakova NG, et al. **Vopr Med Khim** 1985 Mar-Apr; 31(2):17-20 (Eng. Abstr.) **(Rus)**

[Biomedical, ethical and legal aspects of the various modern possibilities of motherhood] Berić BM. **Med Pregl** 1984; 37(11-12):489-91 **(Ser)**

[Vitamin E in the final phase of pregnancy and the early stage of lactation] Vega-Franco L, et al. **Bol Med Hosp Infant Mex** 1984 Nov;41(11):585-93 (Eng. Abstr.) **(Spa)**

[Maternal nutrition and fetal growth] Mora JO. **GEN** 1983 Jan-Jun;37(1-2):1-15 **(Spa)**

[Gestation posterior to choriocarcinoma] Andrade Vargas A, et al. **Ginecol Obstet Mex** 1984 Jul;52(327):179-82 (Eng. Abstr.) **(Spa)**

[Production of placental protein hormones during hemodynamic changes induced in normal pregnancy] González E, et al. **Ginecol Obstet Mex** 1984 Apr; 52(324):93-7 (Eng. Abstr.) **(Spa)**

[Normal values of dopamine, noradrenaline, adrenaline, and 5-hydroxyindoleacetic acid in pregnancies of different gestational ages] Lerdo de Tejada A, et al. **Ginecol Obstet Mex** 1985 Feb;53(334):49-52 (Eng. Abstr.) **(Spa)**

[Polyamine metabolism in different physiological states in women] Méndez JD, et al. **Ginecol Obstet Mex** 1984 May; 52(325):133-8 (Eng. Abstr.) **(Spa)**

[Pregnancy in patients with a diagnosis of previous sterility] Rocha López J, et al. **Ginecol Obstet Mex** 1983 Jun; 51(314):151-5 (Eng. Abstr.) **(Spa)**

[Iron reserves in the pregnant woman and the newborn infant: effects of an iron supplement] Barrena N, et al. **Rev Chil Obstet Ginecol** 1981;46(6):320-9 (Eng. Abstr.) **(Spa)**

[Correlation between 12-hour and 24-hour urinary excretion of estriol in healthy pregnant women] Bernal J, et al. **Rev Chil Obstet Ginecol** 1983;48(4):270-5 (Eng. Abstr.) **(Spa)**

[Renal homotransplant and pregnancy] Donoso E, et al. **Rev Chil Obstet Ginecol** 1983;48(4):226-37 (Eng. Abstr.) **(Spa)**

[Renal transplant and pregnancy. 3 clinical cases using living donors] Molina R, et al. **Rev Chil Obstet Ginecol** 1983; 48(4):238-43 (Eng. Abstr.) **(Spa)**

[Concommitant normotopic and ectopic pregnancies: presentation of 2 cases] Yurác C, et al. **Rev Chil Obstet Ginecol** 1983;48(5):324-30 (Eng. Abstr.) **(Spa)**

[The smoking habit in pregnancy and newborn infant weight] Medina E, et al. **Rev Chil Pediatr** 1984 Jul-Aug; 55(4):279-84 (Eng. Abstr.) **(Spa)**

[Pregnancy resulting in a live birth during chronic hemodialysis] Ruiz Abad JA, et al. **Rev Clin Esp** 1984 Nov 15-30;175(3-4):163-4 **(Spa)**

[Smoking habits in a group of urban-marginal pregnant women and wet nurses in Santiago] Vío del Río F, et al. **Rev Med Chil** 1984 Sep;112(9):935-8 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Vascular reactivity in the hind limb of the pregnant ewe. McLaughlin MK, et al. **Am J Obstet Gynecol** 1985 Jul 1; 152(5):593-8

The use and abuse of drugs in pregnancy. Cameron IT. **Br J Hosp Med** 1984 Oct;32(4):182, 184, 186

Proceedings of the Fourth International Colloquium of Developmental Pharmacology. Paris, May 19-21, 1983. **Dev Pharmacol Ther** 1984;7 Suppl 1:1-222

Pregnancy: increased effect of verapamil in human uterine arteries. Suresh MS, et al. **Eur J Pharmacol** 1985 Jun 19; 112(3):387-91

Inhibition of 3 beta-hydroxysteroid dehydrogenase (3 beta-HSD) activity in first- and second-trimester human pregnancy and the luteal phase using Epostane. Pattison NS, et al. **Fertil Steril** 1984 Dec;42(6):875-81

Use of aspartame in pregnancy. Sturtevant FM. **Int J Fertil** 1985;30(1):85-7 (20 ref.)

Local anesthetics and pregnancy [letter] Johnson CG. **J Am Dent Assoc** 1985 Mar;110(3):302

Concern with drugs during pregnancy [letter] Wiggin LL. **J Am Dent Assoc** 1985 Jun;110(6):874, 876

Effect of progesterone and medroxyprogesterone acetate on pregnancy length and litter size in mink. Jarosz SJ, et al. **Lab Anim Sci** 1985 Apr;35(2):156-8

Cocaine use in pregnancy. Chasnoff IJ, et al. **N Engl J Med** 1985 Sep 12;313(11):666-9

[Occurrence of cervical ribs in prenatal toxicologic studies with alcohol in mice] Bleyl DW. **Anat Anz** 1984;157(1):91-3 **(Ger)**

[The use of antibiotics and chemotherapeutic agents during pregnancy] Luckhaupt H, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Jun;64(6):320-1 (Eng. Abstr.) **(Ger)**

[Smoking and pregnancy] Reis K, et al. **Sante Publique (Bucur)** 1984;27(4):301-14 (Eng. Abstr.) **(Ger)**

[Physiological and pharmacological actions of prostaglandins and related substances: pregnancy and labor] Takagi S, et al. **Nippon Rinsho** 1985 Mar;43(3):549-54 (39 ref.) **(Jpn)**

[Duration and course of pregnancy in women living in the region of the Police Chemical Plant (clinical data)] Kłokocki D, et al. **Med Pr** 1985;36(1):51-4 (Eng. Abstr.) **(Pol)**

[Neuroleptics in pregnancy (letter)] Karniol IG, et al. **Rev Paul Med** 1985 Jan-Feb;103(1):46 **(Por)**

RADIATION EFFECTS

Medical radiodiagnosis and pregnancy: evaluation of options when pregnancy status is uncertain. Mossman KL. **Health Phys** 1985 Mar;48(3):297-301

[Use of examinations with ionizing radiation and pregnancy] Serson D, et al. **Rev Paul Med** 1984 Sep-Oct;102(5):229-30 (Eng. Abstr.) **(Por)**

PREGNANCY, ABDOMINAL

Fetal heart rate decelerations after oxytocin infusion in an abdominal pregnancy. Cabbad MF, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):2S-4S

Splenic pregnancy [letter] Alcalay J. **Pathology** 1984 Oct;16(4):468

Abdominal pregnancy. Caffrey KT. **Trop Doct** 1985 Jul;15(3):145

Successful abdominal pregnancy. Whelan PJ. **Trop Doct** 1985 Jul;15(3):145-6

[A full-term second abdominal pregnancy] Stanojević M, et al. **Jugosl Ginekol Opstet** 1984 May-Aug;24(3-4):57-9 (Eng. Abstr.) **(Scr)**

[Abdominal pregnancy terminating with a liveborn child] Stepanović I, et al. **Jugosl Ginekol Opstet** 1984 May-Aug;24(3-4):60-2 (Eng. Abstr.) **(Scr)**

COMPLICATIONS

Abdominal pregnancy causing massive lower gastrointestinal bleeding: case report. Salinas A, et al. **Mt Sinai J Med (NY)** 1985 May;52(5):371-4

[Abdominal pregnancy. Report of a case of 18 years' duration] Trejo Ramírez CA, et al. **Ginecol Obstet Mex** 1984 Apr;52(324):105-9 (Eng. Abstr.) **(Spa)**

[A 34-year-old woman with metrorrhagia and abdominal pain (clinicopathologic conference)] Sans Segarra M, et al. **Med Clin (Barc)** 1985 Jul 6;85(6):248-52 **(Spa)**

DIAGNOSIS

MR imaging of a viable full-term abdominal pregnancy. Cohen JM, et al. **AJR** 1985 Aug;145(2):407-8

Abdominal pregnancy: a report of two cases and review of the pathogenesis, diagnosis and treatment. Brown HL, et al. **J Tenn Med Assoc** 1984 Oct;77(10):579-81

[Abdominal pregnancy. Case report and review of the literature] Golz N, et al. **Geburtshilfe Frauenheilkd** 1984 Dec;44(12):816-8 (Eng. Abstr.) **(Ger)**

OCCURRENCE

[Abdominal pregnancies in Sweden resulting in live infants 1970-81] Henrikson K, et al. **Lakartidningen** 1984 Oct 10;81(41):3694-6 (Eng. Abstr.) **(Swe)**

PATHOLOGY

Abdominal pregnancy: a study of twenty-one consecutive cases. Hallatt JG, et al. **Am J Obstet Gynecol** 1985 Jun 15;152(4):444-9

VETERINARY

Extrauterine pregnancy in a ewe. Madani MO, et al. **Vet Rec** 1984 Nov 24;115(21):547-8

PREGNANCY, ADOLESCENT see **PREGNANCY IN ADOLESCENCE**

PREGNANCY, ANIMAL

see related
ANIMALS, NEWBORN

Metabolism of calcium and phosphorus during pregnancy and lactation in white-tailed deer. Chao CC, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):269-75

Gonadotrophins and ovarian steroids in cattle. II. Pulsatile changes of concentrations in the jugular vein throughout pregnancy. Schallenberger E, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):322-30

Evaluating the accuracy of canine pregnancy diagnosis and litter size using real-time ultrasound. Bondestam S, et al. **Acta Vet Scand** 1984;25(3):327-32

Blood acetaldehyde response to ethanol ingestion during the reproductive cycle of the female rat. Gordon BH, et al. **Alcohol** 1985 Mar-Apr;2(2):271-5

Effects of the maternal consumption of alcohol on alcohol selection in rats. Reyes E, et al. **Alcohol** 1985 Mar-Apr;2(2):323-6

Metabolism and disposition of ritodrine in a pregnant baboon. Borrisud M, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1067-72

Interferon responses in maternal and fetal mice. Evans AT, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):99-102

Characteristics and analysis of uterine electromyographic activity in the pregnant sheep. Figueroa JP, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):524-31

beta-Adrenergic-receptor and adenylate cyclase properties in pregnant and nonpregnant guinea pig myometrium. Hatjis CG. **Am J Obstet Gynecol** 1985 Apr 1;151(7):943-50

Altered effect of 3% dietary cholestyramine on plasma lipids and biliary bile acid output in the pregnant rat. Innis SM. **Am J Obstet Gynecol** 1984 Nov 15;150(6):742-4

Cardiac output distribution and uteroplacental blood flow in the pregnant rabbit: a comparative study. Johnson RL, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):682-6

An examination of vascular reactivity during pregnancy in the chronic ewe model. McLaughlin MK, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):479-83

Uterine and whole body oxygen extractions in the pregnant rabbit under chronic steady-state conditions. Murray RD, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):709-15

Hemodynamic effects of indomethacin in chronically instrumented pregnant sheep. Naden RP, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):484-94

Effect of isoproterenol on uterine blood flow and cardiac output distribution in pregnant guinea pigs. van de Walle AF, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1058-62

Circadian hormonal interactions among the mother, fetus, and amniotic fluid. Walsh SW, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):745-53

Effect of maternal intravenous infusions on fetal extracellular fluid composition in pregnant ewes. Golden SM, et al. **Am J Perinatol** 1985 Jul;2(3):189-93

Tubuloglomerular feedback activity in virgin and 12-day-pregnant rats. Baylis C, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F169-73

Uterine blood flow and substrate uptake in conscious rabbit during late gestation. Gilbert M, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E574-80

Pregnancy-induced changes in sheep uterine and carotid arteries. Griendling KK, et al. **Am J Physiol** 1985 May;248(5 Pt 2):H658-65

A longitudinal study of cardiac output in unstressed pregnant guinea pigs. Myers SA, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):R698-701

Metabolic clearance of angiotensin II in pregnant and nonpregnant sheep. Naden RP, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):E49-55

Glucagon, insulin, and growth hormone responses to glucose infusion in lactating dairy cows. Sartin JL, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E108-14

Effect of conceptus number, hysterectomy, and progesterone on prolactin surges in rats. Tonkowicz PA, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E269-73

Blood pressure control in pregnant rabbits: norepinephrine and prostaglandin interactions. Venuto R, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R786-91

Rat pregnancy immunoregulatory circuits are progestation hormonal status, decidual tissue, embryo-trophoblast and late pregnancy changes dependent. Mohammad M, et al. **Am J Reprod Immunol** 1984 Dec;6(4):159-66

Rat pregnancy induces two suppressor cell activities. Mohammad M, et al. **Am J Reprod Immunol** 1984 Dec;6(4):152-8

Ultrasonographic diagnosis of pregnancy in the dog [letter] Conley AJ. **Am J Vet Res** 1984 Sep;45(9):1889

Antibodies in bovine serum and lacteal secretions to capsular antigens of Staphylococcus aureus. Opdebeeck JP, et al. **Am J Vet Res** 1985 Jul;46(7):1561-4

Correlation of noninvasive surface temperature measurement with rectal temperature in swine. Zinn KR, et al. **Am J Vet Res** 1985 Jun;46(6):1372-4

Histological and ultrastructural observations of the attachment between the oral cavity of the fetus and the nipple of the mother in opossum (Didelphis azarae). Garcia PJ, et al. **Anat Anz** 1984;157(2):151-7

Effects of verapamil on uterine blood flow and maternal cardiovascular function in the awake pregnant ewe. Murad SH, et al. **Anesth Analg** 1985 Jan;64(1):7-10

Halothane, isoflurane, and enflurane MAC in pregnant and nonpregnant female and male mice and rats. Mazze RI, et al. **Anesthesiology** 1985 Mar;62(3):339-41

Bupivacaine toxicity in pregnant and nonpregnant ewes. Morishima HO, et al. **Anesthesiology** 1985 Aug;63(2):134-9

Exercise during pregnancy--potential fetal and placental metabolic effects. Bonds DR, et al. **Ann Clin Lab Sci** 1985 Mar-Apr;15(2):91-9

Serum cortisol concentrations in gilts and sows housed in tether stalls, gestation stalls and individual pens. Becker B, et al. **Ann Rech Vet** 1984;15(2):237-42

Motor activity of pregnant tethered sows. Cariolet R, et al. **Ann Rech Vet** 1984;15(2):257-61

Tethered versus loose sows: ethological observations and measures of productivity. I. Ethological observations during pregnancy and farrowing. Vestergaard K, et al. **Ann Rech Vet** 1984;15(2):245-56

Quantitative observation of megakaryocytes in the spleen and bone marrow of the mouse: effects of sex, sex hormones, pregnancy and lactation. Matsumura G, et al. **Arch Histol Jpn** 1984 Aug;47(3):251-8

Effect of pregnancy on the activity of hematopoietic stem cells. Szary A. **Arch Immunol Ther Exp (Warsz)** 1984;32(2):239-45

Effects of an acute administration of nickel upon blood glucose compartmentation in pregnant rats. Peligero MJ, et al. **Arch Int Physiol Biochim** 1985 May;93(1):1-5

Effects of pregnant mouse serum and pregnancy hormones on the replication in vitro of murine cytomegalovirus. Chong KT, et al. **Arch Virol** 1984;82(3-4):223-31

Metabolic effects of ritodrine hydrochloride in the pregnant sheep. Akahane M, et al. **Asia Oceania J Obstet Gynaecol** 1984 Sep;10(3):403-9

Antigen-bearing targets have selected the immune mechanisms and their regulation during evolution: the example of gestation. Voisin GA. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):293-300 (38 ref.)

Partitioning of nutrients in Merino ewes. I. Contribution of skeletal muscle, the pregnant uterus and the lactating mammary gland to total energy expenditure. Oddy VH, et al. **Aust J Biol Sci** 1984;37(5-6):375-88

Development of myometrial electrical activity during the first half of pregnancy in the sheep. Sigger JN, et al. **Aust J Biol Sci** 1984;37(3):153-62

Total and free plasma concentrations of progesterone, cortisol and oestradiol-17 beta during pregnancy, parturition and early lactation in sows. Whitely JL, et al. **Aust J Biol Sci** 1984;37(4):267-76

Laparoscopic technique for the transfer of embryos in sheep. Walker SK, et al. **Aust Vet J** 1985 Mar;62(3):105-6

A comparison of six methods used for detecting pregnancy in sheep. Watt BR, et al. **Aust Vet J** 1984 Dec;61(12):377-82

Changes in the blood and foetal fluid composition at different stages of gestation in ewes. Chiboka O, et al. **Beitr Trop Landwirtsch Veterinarmed** 1985;23(1):65-71

Ca2+ release by inositol trisphosphate from Ca2+-transporting microsomes derived from uterine sarcoplasmic reticulum. Carsten ME, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1027-31

Lipolytic activity of crude or partially purified lipase of the mouse mammary gland at various substrate concentrations. Anzai T, et al. **Biochem Int** 1983 May;6(5):635-41

Effect of insulin on glucose metabolism in adipocytes from virgin and late-pregnant rats. Leturque A, et al. **Biochem J** 1984 Dec 1;224(2):685-8

Glutathione S-transferase activity during pregnancy in the mouse: effects of trans-stilbene oxide pretreatment. Kulkarni A, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3301-3

Hepatic extraction of endogenous inhibitors of drug binding to serum protein in the pregnant rat. Yoshikawa T, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2733-9

Placental formation of lactate from transferred L-alanine and its impairment by aminooxyacetate in the late-pregnant rat. Palaćin M, et al. **Biochim Biophys Acta** 1985 Jul 26;841(1):90-6

Impairment of citrulline synthesis during late pregnancy and lactation in rats. Rabier D, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):1-5

Effect of fetal decapitation on unbound rat plasma corticosterone concentration at the end of pregnancy. Cohen A, et al. **Biol Neonate** 1985;47(3):163-9

In vitro permeability of the pig placenta in the last third of gestation. Michael K, et al. **Biol Neonate** 1985;47(3):170-8

Source and regulation of 17 alpha-hydroxyprogesterone during baboon pregnancy. Albrecht ED, et al. **Biol Reprod** 1984 Oct;31(3):471-9

Influence of suckling and side of corpus luteum or pregnancy on folliculogenesis in postpartum cows. Bellin ME, et al. **Biol Reprod** 1984 Dec;31(5):849-55

The glycocalyx of the mouse uterine luminal epithelium during estrus, early pregnancy, the peri-implantation period, and delayed implantation. I. Acquisition of Ricinus communis I binding sites during pregnancy. Chávez DJ, et al. **Biol Reprod** 1985 Jun;32(5):1135-42

Ultrastructural localization of relaxin in the corpus luteum of the nonpregnant, pseudopregnant, and pregnant pig. Fields PA, et al. **Biol Reprod** 1985 Jun;32(5):1169-79

Immunosuppressive activity associated with early pregnancy in the bovine. Fisher SJ, et al **Biol Reprod** 1985 May;32(4):894-906

Placental steroid production by the basal and labyrinth zones during the latter third of gestation in the rat. Matt DW, et al. **Biol Reprod** 1985 May;32(4):969-77

Relaxin concentrations in endometrial, placental, and ovarian tissues and in sera from ewes during middle and late pregnancy. Renegar RH, et al. **Biol Reprod** 1985 May;32(4):840-7

Relaxin activity in the pregnant cat. Stewart DR, et al. **Biol Reprod** 1985 May;32(4):848-54

Blood sampling from the ovarian vein in the unstressed pregnant guinea pig. Peeters LL, et al. **Biol Res Pregnancy Perinatol** 1984;5(3):118-20

Placental transport of low molecular weight heparin in the pregnant sheep. Andrew M, et al. **Br J Haematol** 1985 Jan;59(1):103-8

Zinc metabolism in pregnant and lactating rats and the effect of varying iron: Zn in the diet. Fairweather-Tait SJ, et al. **Br J Nutr** 1984 Sep;52(2):205-13

An enzymeimmunoassay of serum oestrone sulphate and its application to early pregnancy diagnosis in pigs. Sugiyama S, et al. **Br Vet J** 1985 Jan-Feb;141(1):60-8

Pregnancy-induced analgesia: effects of adrenalectomy and glucocorticoid replacement. Baron SA, et al. **Brain Res** 1984 Nov 12;321(2):341-6

The effect of cow's dietary copper intake, sire breed, age on her copper status and that of her fetus in the first ninety days of gestation. Smart ME, et al. **Can J Comp Med** 1985 Apr;49(2):156-8

Inhibition of progesterone secretion by a 3 beta-hydroxysteroid dehydrogenase inhibitor in late pregnant sheep. Jenkin G, et al. **Can J Physiol Pharmacol** 1985 Feb;63(2):136-42

Embryonic development of the pig: ultrastructure and uptake of macromolecules during early pregnancy. Barends PM, et al. **Cell Biol Int Rep** 1985 Jun;9(6):517

Fine structure of the lutein cell in the house musk shrew, Suncus murinus. Hirunagi K, et al. **Cell Tissue Res** 1984; 238(3):447-52

Purification and immunohistology of a glycoprotein secreted from the rabbit uterus before implantation. Thie M, et al. **Cell Tissue Res** 1984;237(1):155-60

Swine uterus carnosinase activity in oestrous cycle and early pregnancy. Jabłonowska C, et al. **Comp Biochem Physiol [B]** 1985;80(2):381-3

Immunoglobulin-secreting cells in various maternal lymphoid tissues during syngeneic and allogeneic murine pregnancy. Mattsson R, et al. **Dev Comp Immunol** 1984 Fall;8(4):921-9

Effects of some adrenergic agents on rat myometrium at midpregnancy. Clabaut M, et al. **Dev Pharmacol Ther** 1984; 7 Suppl 1:72-9

Acceleration of puberty in female mice by a urinary chemosignal from pregnant or lactating females: timing and duration of stimulation. Drickamer LC. **Dev Psychobiol** 1984 Sep;17(5):451-5

Techniques for observing fetal behavior in utero: a comparison of chemomyelotomy and spinal transection. Smotherman WP, et al. **Dev Psychobiol** 1984 Nov; 17(6):661-74

Insulin secretion in mammosomatotropic tumor-bearing and pregnant rats. A role for lactogens. Sorenson RL, et al. **Diabetes** 1985 Apr;34(4):337-41

Variation of DNA polymerase activities and DNA synthesis in mouse mammary gland during pregnancy and early lactation. Zwierzchowski L, et al. **Differentiation** 1984; 28(2):179-85

Pharmacokinetics of imipramine and its major metabolites in pregnant rats and their fetuses following a single dose. DeVane CL, et al. **Drug Metab Dispos** 1985 Jul-Aug; 13(4):438-42

Effect of pregnancy on tissue distribution of salicylate in rats. Yoshikawa T, et al. **Drug Metab Dispos** 1984 Jul-Aug; 12(4):500-5

Intestinal folate conjugase activity and folate absorption in the ethanol-fed pregnant rat. Leichter J, et al. **Drug Nutr Interact** 1984;3(1):53-9

Inhibin activity in ovarian venous plasma during pregnancy, pseudopregnancy and lactation in the rat. Taya K, et al. **Endocrinol Jpn** 1984 Aug;31(4):427-33

Pregnancy in young and aged rats. I. Ovarian progesterone and 20 alpha-hydroxypregn-4-en-3-one formation. Albrecht ED. **Endocrinology** 1984 Oct;115(4):1418-25

Effect of the antiestrogen ethamoxytriphetol (MER-25) and luteectomy on serum progesterone concentrations in pregnant baboons. Albrecht ED, et al. **Endocrinology** 1984 Nov;115(5):1717-21

The internal milieu of the pregnant rat is not growth promoting for maternal tissues and it reduces growth of fetal paw transplants. Cooke PS, et al. **Endocrinology** 1985 May;116(5):1899-904

Epidermal growth factor receptor levels in mouse mammary glands in various physiological states. Edery M, et al. **Endocrinology** 1985 Jul;117(1):405-11

Dynamic features of luteal secretory granules: ultrastructural changes during the course of pregnancy in the cow. Fields MJ, et al. **Endocrinology** 1985 Oct;117(4):1675-82

Pulsatile luteinizing hormone release during pregnancy in the rat. Gallo RV, et al. **Endocrinology** 1985 Jun; 116(6):2637-42

In vitro synthesis and secretion of ovine trophoblast protein-1 during the period of maternal recognition of pregnancy. Hansen PJ, et al. **Endocrinology** 1985 Oct;117(4):1424-30

Progesterone withdrawal stimulates mammary gland tubulin polymerization in pregnant rats. Loizzi RF. **Endocrinology** 1985 Jun;116(6):2543-7

Thyroid hormone-binding inhibitor in normal, pregnant, and lactating rat and postmenopausal human breast tissue. Oberkotter LV, et al. **Endocrinology** 1985 Aug;117(2):511-4

Protein kinase activity in the rat mammary gland during pregnancy, lactation, and weaning: a correlation with growth but not with progesterone receptor levels. Sharoni Y, et al. **Endocrinology** 1984 Nov;115(5):1918-24

Serial investigations of early pregnancy in pony mares using real time ultrasound scanning. Allen WE, et al. **Equine Vet J** 1984 Nov;16(6):509-14

The renin-angiotensin system in mother and foetus. Broughton Pipkin F. **Equine Vet J** 1984 Jul;16(4):253-5 (44 ref.)

Insulin secretion and carbohydrate metabolism during pregnancy in the mare. Fowden AL, et al. **Equine Vet J** 1984 Jul;16(4):239-46 (34 ref.)

Maternal and foetal endocrinology during late pregnancy and parturition in the mare. Pashen RL. **Equine Vet J** 1984 Jul;16(4):233-8 (51 ref.)

Seeing is believing in the diagnosis of uterine and ovarian conditions [editorial] Rossdale PD. **Equine Vet J** 1984 Nov; 16(6):485-6

Effects of antifertility estrogens and progestins on the endometrial surface of early pregnant rats. A scanning electron microscopic study. Koch M, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):138-46

Glutathione-related enzyme activities in pregnant rat liver. Di Ilio C, et al. **Experientia** 1985 Jan 15;41(1):66-7

A longitudinal study of cyclic nucleotide phosphodiesterase activity and its relationship with nucleic acid content in the myometrium of cynomolgus monkeys (Macaca fascicularis) between days 39 and 162 of gestation. Ferre F, et al. **Gynecol Obstet Invest** 1985;19(1):42-52

Effect of pregnancy upon the activity of protein kinases A and C in rat pancreatic islets. Hubinont CJ, et al. **Horm Metab Res** 1985 Feb;17(2):104

Arginase activity during pregnancy and lactation. Remesar X, et al. **Horm Metab Res** 1984 Sep;16(9):468-70

Increases in the numbers of immunoglobulin-secreting cells in lymph nodes responding to sperm and other stimuli: possible relationship to immunosuppression. Hancock RJ, et al. **Immunology** 1985 Jun;55(2):233-9

The effect of sensitization of pregnant Lewis rats with encephalitogen on the subsequent susceptibility of their offspring to allergic encephalomyelitis. Mertin LA, et al. **Immunology** 1985 Feb;54(2):381-8

Pregnancy diagnosis in cattle. Noakes D. **In Pract** 1985 Mar; :46, 48-9, 51

Uteroglobin synthesis by rabbit uterine endometrial explants. Saxena SK, et al. **Indian J Biochem Biophys** 1984 Feb; 21(1):47-50

Radioimmunoassay of estradiol-17B in buffaloes peripartum. Prakash BS, et al. **Indian J Exp Biol** 1984 Feb;22(2):104-5

Effect of pregnancy and lactation on gastrointestinal motility in rats. Datta U, et al. **Indian J Physiol Pharmacol** 1984 Jul-Sep;28(3):231-3

Virulence of human and bovine isolates of group B streptococci (types Ia and III) in experimental pregnant mouse models. Poutrel B, et al. **Infect Immun** 1985 Jan; 47(1):94-7

The effects of physiological state and plane of nutrition on the concentrations of microsomal cytochromes and the omega-oxidation of fatty acids in various tissues of the sheep (Ovis aries). Hare WR, et al. **Int J Biochem** 1985; 17(4):455-62

Meperidine and normeperidine metabolism in the rhesus monkey. Morrison JC, et al. **Int J Gynaecol Obstet** 1984 Oct;22(5):345-8

Effects of pregnancy and riboflavin deficiency on some aspects of iron metabolism in rats. Powers HJ, et al. **Int J Vitam Nutr Res** 1984;54(2-3):179-83

A morphological study of granulated metrial gland cells and trophoblast cells in the labyrinthine placenta of the mouse. Stewart I. **J Anat** 1984 Dec;139 (Pt 4):627-38

Effect on the ewe and lamb of low zinc intake throughout pregnancy. Apgar J, et al. **J Anim Sci** 1985 Jun;60(6):1530-8

Effect of maternal diet on skeletal muscle composition and metabolism and on bone dimensions and composition of the fetal pig. Campion DR, et al. **J Anim Sci** 1984 Oct; 59(4):1003-10

Raw soybeans for gestating swine. Crenshaw MA, et al. **J Anim Sci** 1985 Jan;60(1):163-70

Control of uterine and ovarian blood flow throughout the estrous cycle and pregnancy of ewes, sows and cows. Ford SP. **J Anim Sci** 1982;55 Suppl 2:32-42 (79 ref.)

Blood flow, steroid secretion and nutrient uptake of the gravid uterus during the periparturient period in sows. Ford SP, et al. **J Anim Sci** 1984 Oct;59(4):1085-91

Riboflavin requirement of gestating swine. Frank GR, et al. **J Anim Sci** 1984 Dec;59(6):1567-72

Effects of dietary alfalfa:orchardgrass hay and lasalocid on nutrient utilization by gravid sows. Holzgraefe DP, et al. **J Anim Sci** 1985 May;60(5):1247-59

Effect of age of equine embryos and method of transfer on pregnancy rate. Iuliano MF, et al. **J Anim Sci** 1985 Jan; 60(1):258-63

Cytoplasmic and nuclear estrogen receptors and leucine incorporation in endometrium of cyclic and pregnant pigs to day 19 postestrus. Rexroad CE Jr, et al. **J Anim Sci** 1984 Nov;59(5):1286-94

LHRH receptor, LH and FSH concentrations in anterior pituitaries of cycling, noncycling and early pregnant heifers. Schoenemann HM, et al. **J Anim Sci** 1985 Feb; 60(2):532-6

Immunosuppressive effect of uterine secretory protein from Angus and Brahman cows upon lymphocytes in vitro. Segerson EC, et al. **J Anim Sci** 1984 Oct;59(4):1047-59

Ovarian and uterine morphology and function in Angus and Brahman cows. Segerson EC, et al. **J Anim Sci** 1984 Oct; 59(4):1026-46

In vivo body composition estimation in nongravid and reproducing first-litter sows with deuterium oxide. Shields RG Jr, et al. **J Anim Sci** 1984 Nov;59(5):1239-46

Effect of dietary gestation and lactation protein levels on reproductive performance and body composition of first-litter female swine. Shields RG Jr, et al. **J Anim Sci** 1985 Jan;60(1):179-89

Maintenance of the corpus luteum of early pregnancy in the ewe. III. Differences between pregnant and nonpregnant ewes in luteal responsiveness to prostaglandin F2 alpha. Silvia WJ, et al. **J Anim Sci** 1984 Sep;59(3):746-53

Effect of 1,3-butanediol and short chain acids in sow gestation diets on maternal plasma metabolites and fetal energy storage. Spence CA, et al. **J Anim Sci** 1985 May; 60(5):1280-7

Endocrine adaptations of periparturient swine to alteration of dietary energy source. Steele NC, et al. **J Anim Sci** 1985 May;60(5):1260-71

Heat transfer pathways between fetal lamb and ewe. Gilbert RD, et al. **J Appl Physiol** 1985 Aug;59(2):634-8

Nucleotide sequence of mouse prolactin and growth hormone mRNAs and expression of these mRNAs during pregnancy. Linzer DI, et al. **J Biol Chem** 1985 Aug 15;260(17):9574-9

A prostaglandin omega-hydroxylase cytochrome P-450 (P-450PG-omega) purified from lungs of pregnant rabbits. Williams DE, et al. **J Biol Chem** 1984 Dec 10; 259(23):14600-8

Relaxin in the pregnant baboon: evidence for local production in reproductive tissues. Castracane VD, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):133-6

Associations among milk yield, yield persistency, conception, and culling of Israeli Holstein dairy cattle. Bar-Anan R, et al. **J Dairy Sci** 1985 Feb;68(2):382-6

Triiodothyronine and thyroxine during gestation in dairy cattle selected for high and low milk production. Bitman J, et al. **J Dairy Sci** 1984 Nov;67(11):2614-9

Arginine infusion stimulates prolactin, growth hormone, insulin, and subsequent lactation in pregnant dairy cows. Chew BP, et al. **J Dairy Sci** 1984 Nov;67(11):2507-18

Effect of prepartum vaccination with K99 Escherichia coli vaccine on maternal and calf blood antibody concentration and calf health. Loucks ME, et al. **J Dairy Sci** 1985 Jul; 68(7):1841-7

Prolactin in blood plasma and milk of buffalo during estrous cycle and early pregnancy. Pahwa GS, et al. **J Dairy Sci** 1984 Sep;67(9):2001-5

Effects of relative humidity, maximum and minimum temperature, pregnancy, and stage of lactation on milk composition and yield. Rodriquez LA, et al. **J Dairy Sci** 1985 Apr;68(4):973-8

Maternal recognition of pregnancy in cattle. Thatcher WW, et al. **J Dairy Sci** 1984 Nov;67(11):2797-811 (94 ref.)

Pre-parturitional changes in serum prolactin, placental lactogen, growth hormone, progesterone, and corticosterone in the C3H/HeN mouse. Soares MJ, et al. **J Dev Physiol** 1984 Oct;6(5):423-9

Identification of the major steroids in ovarian and adrenal venous plasma of the brush-tail possum (Trichosurus vulpecula) and changes in the peripheral plasma levels of oestradiol and progesterone during the reproductive cycle. Curlewis JD, et al. **J Endocrinol** 1985 Apr;105(1):53-62

Changes in epidermal growth factor concentrations of submandibular gland, plasma and urine of normal and sialoadenectomized female mice during various reproductive stages. Kurachi H, et al. **J Endocrinol** 1985 Aug;106(2):197-202

Opioid peptides of the pituitary and hypothalamus: changes in pregnant and lactating rats. Petraglia F, et al. **J Endocrinol** 1985 May;105(2):239-45

Production rate, metabolic clearance rate and blood concentration of progesterone in conscious and anaesthetized pregnant rats. Waddell BJ, et al. **J Endocrinol** 1984 Sep;102(3):357-63

Immunocytochemical studies of relaxin in ovaries of pregnant and cycling mice. Vaupel MR, et al. **J Histochem Cytochem** 1985 Apr;33(4):303-8

Limitations of the nonhuman pregnancy kit for pregnancy diagnosis in baboons. Bambra CS, et al. **J Med Primatol** 1984;13(4):219-27

Loss of tissues in female rats subjected to food restriction during lactation or during both gestation and lactation. Glore SR, et al. **J Nutr** 1985 Feb;115(2):233-42

Severe feed restriction of pregnant swine and rats: effects on postweaning growth and body composition of progeny. Pond WG, et al. **J Nutr** 1985 Feb;115(2):179-89

Interaction between ethanol and low dietary zinc during gestation and lactation in the rat. Yeh LC, et al. **J Nutr** 1984 Nov;114(11):2027-33

Effects of various levels of dietary calcium during pregnancy on maternal calcium utilization and fetal growth in rats. Lai A, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Jun; 30(3):285-95

Plasma angiotensin II and blood pressure changes during dietary sodium manipulation. Lee MI, et al. **J Perinat Med** 1984;12(4):167-71

Comparative in vivo and in vitro studies of phenytoin protein binding and in vitro lipolysis in plasma of pregnant and nonpregnant rats. Chou RC, et al. **J Pharm Sci** 1984 Aug; 73(8):1121-4

A physiologically based pharmacokinetic model for theophylline disposition in the pregnant and nonpregnant rat. Gabrielsson JL, et al. **J Pharmacokinet Biopharm** 1984 Apr;12(2):149-65

Kinetics of drug action in disease states. IV. Effect of pregnancy on phenobarbital concentrations at onset of loss of righting reflex in rats. Danhof M, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):426-9

Some properties of the circular myometrium of the sheep throughout pregnancy and during labour. Parkington HC. **J Physiol (Lond)** 1985 Feb;359:1-15

Regional changes in catecholamine content of the pregnant uterus. Arkinstall SJ, et al. **J Reprod Fertil** 1985 Mar; 73(2):547-57

Steroid metabolism by endometrial and conceptus tissues during early pregnancy and pseudopregnancy in gilts. Fischer HE, et al. **J Reprod Fertil** 1985 Sep;75(1):69–78

Differential patterns in luteal prolactin and LH receptors during pregnancy in sows and ewes. Jammes H, et al. **J Reprod Fertil** 1985 Jan;73(1):27–35

Demonstration of oestrogens in developing pig trophectoderm and yolk sac endoderm between days 10 and 16. King GJ, et al. **J Reprod Fertil** 1985 Mar;73(2):361–7

Prospects and limitations of the rosette inhibition test to detect activity of early pregnancy factor in the pig. Koch E, et al. **J Reprod Fertil** 1985 May;74(1):29–38

Proteins synthesized by the rat endometrium during early pregnancy. Mulholland J, et al. **J Reprod Fertil** 1984 Nov;72(2):395–400

Follicular development, ovulation, fertilization and fetal development in tenrecs (Tenrec ecaudatus). Nicoll ME, et al. **J Reprod Fertil** 1985 May;74(1):47–55

Examination of the causes of early pregnancy–associated thrombocytopenia in mice. O'Neill C. **J Reprod Fertil** 1985 Mar;73(2):567–77

Thrombocytopenia is an initial maternal response to fertilization in mice. O'Neill C. **J Reprod Fertil** 1985 Mar;73(2):559–66

Reproductive characteristics of a free–ranging population of Cape mountain zebra (Equus zebra zebra). Penzhorn BL. **J Reprod Fertil** 1985 Jan;73(1):51–7

Acid phosphatase and leucine aminopeptidase activity in the uterine flushings of non–pregnant and pregnant gilts. Zavy MT, et al. **J Reprod Fertil** 1984 Nov;72(2):503–7

Lymphocyte alloantigens of the horse. II. Antibodies to ELA antigens produced during equine pregnancy. Antczak DF, et al. **J Reprod Immunol** 1984 Aug;6(5):283–97

Specific and non–specific immunosuppressive factors in salamander pregnancy serum. Badet MT. **J Reprod Immunol** 1984 Aug;6(5):299–311

Changes in NK cell activity during the estrous cycle and pregnancy in mice. Furukawa K, et al. **J Reprod Immunol** 1984 Dec;6(6):353–63

Gestation period of the laboratory reared volcano rabbit (Romerolagus diazi). Matsuzaki T, et al. **Jikken Dobutsu** 1985 Jan;34(1):63–6

Plasma progesterone concentrations during the estrous cycle, pregnancy, and lactation in the Chinese hamster, Cricetulus griceus. Sato T, et al. **Jikken Dobutsu** 1984 Oct;33(4):501–8

Effect of pregnancy and nursing on the growth of metastases from N–nitroso–N–methylurea–induced mammary carcinomas. Gullino PM, et al. **JNCI** 1985 Jan;74(1):229–34

Renal hemodynamics during pregnancy in chronically catheterized, conscious rats. Conrad KP. **Kidney Int** 1984 Jul;26(1):24–9

Effects of pregnancy on bone matrix proteins in Wistar rats. Mbuyi–Muamba JM, et al. **Lab Anim** 1984 Oct;18(4):339–43

Increased gluconeogenesis in the rat at term gestation. Valcarce C, et al. **Life Sci** 1985 Aug 12;37(6):553–60

Effect of protein depletion on the VLDL triacylglycerol secretion and apoprotein synthesis by the perfused liver from pregnant rats. Tournier H, et al. **Lipids** 1984 Nov;19(11):902–5

Slaughter weight loss attributable to pregnancy in feedlot heifers. Bennett BW, et al. **Mod Vet Pract** 1984 Sep;65(9):677–9

Hormonal regulation of casein synthesis at the end of pregnancy. Bussmann LE, et al. **Mol Cell Endocrinol** 1985 Feb;39(2):115–8

Influence of gestation and hydrocortisone–acetate treatment on the nutritive utilization of protein. López Frías M, et al. **Nahrung** 1985;29(1):11–8

Concentrations of total and ionic calcium, inorganic phosphorus, magnesium, and protein in maternal and fetal blood and in amniotic fluid in parathyroidectomized pregnant rats. Harada I, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):403–11

parathyroid hormone concentrations in maternal and fetal blood and in amniotic fluid from pregnant rats. Harada I, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):893–6

Use of echography in rats for pregnancy diagnosis. Inaba T, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):523–5

Transformation of bovine peripheral blood lymphocytes in the perinatal period. Kashiwazaki Y, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):337–9

Induction of estrus in bitches with exogenous gonadotropins, and pregnancy rate and blood progesterone profiles. Nakao T, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):17–24

Application of indocyanine green clearance test in dairy cows. Sato T. **Nippon Juigaku Zasshi** 1984 Oct;46(5):687–92

Alterations of polyamines in body fluids during pregnancy in rats. Saito H. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Feb;37(2):293–300

Role of the pituitary and conceptuses in the regulation of the luteal steroidogenesis in the mid–pregnant rat. Yamashita H. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct;36(10):1952–6

Maternal recognition of pregnancy––a review of the literature. Basu S. **Nord Vet Med** 1985 Mar–Apr;37(2):57–79 (163 ref.)

Structural and functional studies of the adrenal cortex and renal juxtaglomerular apparatus in pregnant sheep subjected to sodium depletion or loading. Hill PA, et al. **Pathology** 1984 Jul;16(3):285–90

Effect of pregnancy on ethanol concentrations at onset of loss of righting reflex in rats. Hisaoka M, et al. **Pediatr Pharmacol (New York)** 1985;5(1):1–5

Some aspects of maternal metabolism throughout pregnancy in the conscious rabbit. Gilbert M, et al. **Pediatr Res** 1984 Sep;18(9):854–9

Facilitative effects of maternal environmental enrichment on maze learning in rat offspring. Kiyono S, et al. **Physiol Behav** 1985 Mar;34(3):431–5

Four– versus five–day estrous cycles in rats: vaginal cycling and pregnancy. Matthews MK Jr, et al. **Physiol Behav** 1984 Jul;33(1):65–7

The placenta of the salp (Tunicata: Thaliacea). Bone Q, et al. **Placenta** 1985 Jan–Feb;6(1):53–63

The effects of unilateral ovariectomy during pregnancy on placental and fetal growth in mice. Dewar AD, et al. **Placenta** 1984 Jul–Aug;5(4):323–7

Notes on placentation in the Suina. Macdonald AA, et al. **Placenta** 1985 Jan–Feb;6(1):83–91

Morphological aspects of placental ontogeny and phylogeny. Pijnenborg R, et al. **Placenta** 1985 Mar–Apr;6(2):155–62

Gestational changes in prostaglandin production by ovine fetal trophoblast cells. Risbridger GP, et al. **Placenta** 1985 Mar–Apr;6(2):117–25

Identification and partial characterization of a prolactin–like hormone produced by rat decidual tissue. Jayatilak PG, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):217–21

Changes in tissue histamine during the estrous cycle, pregnancy and pseudopregnancy in the golden hamster. Hine RJ, et al. **Proc Soc Exp Biol Med** 1985 Jul;179(3):271–8

Changes in hypothalamic and pituitary content of immunoreactive alpha–melanocyte–stimulating hormone during the gestational and postpartum periods in the rat. Khorram O, et al. **Proc Soc Exp Biol Med** 1984 Nov;177(2):318–26

Protein turnover in the rat uterus during and after pregnancy. Morton AJ, et al. **Prog Clin Biol Res** 1985;180:641–3

Evidence for an inverse relationship between cyclooxygenase and lipoxygenase pathways in the pregnant rabbit endometrium. Pakrasi PL, et al. **Prostaglandins Leukotrienes Med** 1985 Jun;18(3):347–52

Ketone body metabolism during pregnancy in the rabbit. Jean–Blain C, et al. **Reprod Nutr Dev** 1985;25(3):545–54

Variations in blood composition in dairy cows during pregnancy and after calving. Tainturier D, et al. **Res Vet Sci** 1984 Sep;37(2):129–31

Myometrial electrical activity during pregnancy and parturition in the pygmy goat. Taverne MA, et al. **Res Vet Sci** 1985 Jan;38(1):120–3

Pregnancy induces increased platelet responsiveness in the non–human primate. Clemmons RM, et al. **Thromb Res** 1984 Oct 1;36(1):73–7

Coronary arterial lesions in piglets from sows fed moderate excesses of vitamin D. Toda T, et al. **Tohoku J Exp Med** 1985 Mar;145(3):303–10

Calmodulin concentration in the uterus during pregnancy and influence of sex steroids. Yoshida T, et al. **Tohoku J Exp Med** 1985 Apr;145(4):381–5

Ovarian toxicity of cigarette smoke exposure during pregnancy in mice. Vähäkangas K, et al. **Toxicol Lett** 1985 Apr;25(1):75–80

The acute toxicity and teratogenicity of nickel in pregnant rats. Mas A, et al. **Toxicology** 1985 Apr;35(1):47–57

Leucocytosis during normal pregnancy in a bitch. Davies JV, et al. **Vet Rec** 1985 Apr 13;116(15):412–3

Use of echography in bitches for detection of ovulation and pregnancy. Inaba T, et al. **Vet Rec** 1984 Sep 15;115(11):276–7

Concentrations of luteinising hormone and progesterone in pregnant and non–pregnant heifers. Roche JF, et al. **Vet Rec** 1985 Feb 9;116(6):153–5

Real–time ultrasonic scanning in the diagnosis of pregnancy and the estimation of gestational age in cattle. White IR, et al. **Vet Rec** 1985 Jul 6;117(1):5–8

Real–time ultrasonic scanning in the diagnosis of pregnancy and the determination of fetal numbers in sheep. White IR, et al. **Vet Rec** 1984 Aug 18;115(7):140–3

A study of the pregnant uterus of the ewe and the goat using real–time ultrasound scanning and electromyography. Scheerboom JE, et al. **Vet Res Commun** 1985 Feb;9(1):45–56

Mammary involution and fasting effect on the fine structure of the mammary gland of the pregnant Myotis myotis. Jimenez L, et al. **Z Mikrosk Anat Forsch** 1984;98(6):893–908

Distribution of cardiac output in the late pregnant guinea pig during anaesthesia with ketamine. Mårtensson L, et al. **Z Versuchstierkd** 1984;26(4):175–9

Comparison of carbonic anhydrase in neonatal and maternal red blood cells with different levels of acidosis in newborn calves. Szenci O, et al. **Zentralbl Veterinarmed [A]** 1984 Jul;31(6):437–40

[Quantitative dynamics of zinc in the coat of cows during pregnancy] Lazarov M, et al. **Vet Med Nauki** 1985;22(2):81–6 (Eng. Abstr.) **(Bul)**

[Blood indices of high–production cows at various periods of pregnancy and after calving] Simeonov SI, et al. **Vet Med Nauki** 1984;21(9):26–32 (Eng. Abstr.) **(Bul)**

[The effect of the microclimate in the insemination facility on conception in sows after the first insemination] Knotek Z, et al. **Vet Med (Praha)** 1985 Apr;30(4):201–10 (Eng. Abstr.) **(Cze)**

[Conception in gilts and sows during the year in relation to selected parameters of macroclimate] Knotek Z, et al. **Vet Med (Praha)** 1984 Oct;29(10):601–9 **(Cze)**

[Twin pregnancy in mares] van Leeuwen W. **Tijdschr Diergeneeskd** 1984 Sep 15;109(18):697–9 (Eng. Abstr.) **(Dut)**

[Changes in plasma parameters in rabbit does as a function of their physiological state and feed rationing] Viard–Drouet F, et al. **Ann Rech Vet** 1984;15(3):417–24 (Eng. Abstr.) **(Fre)**

[Dietary methionine supplementation in the pregnant rat. 1. Food intake of the dam and body weight of the newborn offspring] Leclerc J. **Int J Vitam Nutr Res** 1985;55(1):103–6 (Eng. Abstr.) **(Fre)**

[Alpha–adrenergic receptors in the myometrium of the preparturient rat] Maltier JP, et al. **Pathol Biol (Paris)** 1984 Oct;32(8):878–83 **(Fre)**

[Effect of a hyperlipidic diet on lipogenesis, storage and utilization of lipids in the pregnant rat] Champigny O, et al. **Reprod Nutr Dev** 1985;25(1B):295–301 (Eng. Abstr.) **(Fre)**

[Biochemical study of the endometrium of gilts in the estrous cycle and early pregnancy] Wollenhaupt K, et al. **Arch Exp Veterinarmed** 1984 Sep;38(5):649–57 (Eng. Abstr.) **(Ger)**

[Biochemical follow–up studies of amniotic and allantoic fluid of sows in early pregnancy] Wollenhaupt K, et al. **Arch Exp Veterinarmed** 1984 Jul;38(4):608–20 (Eng. Abstr.) **(Ger)**

[Feed intake of ewes in the perinatal period] Dittrich A, et al. **Arch Tierernahr** 1984 Oct;34(10):705–13 (Eng. Abstr.) **(Ger)**

[LH and FSH secretion in bovine anterior pituitary cell cultures depending on the estrous cycle, in pregnant cows and cows with ovarian cysts] Braun U. **Schweiz Arch Tierheilkd** 1985 Jun;127(6):353–68 (Eng. Abstr.) **(Ger)**

[Ultrasonic diagnosis (echography) in the gynecological examination of mares] Kähn W, et al. **Tierarztl Prax** 1984;12(2):203–10 **(Ger)**

[Applicability of estrogen determination in feces to the diagnosis of pregnancy in cattle] Bamberg E, et al. **Zentralbl Veterinarmed [A]** 1985 Feb;32(2):119–22 (Eng. Abstr.) **(Ger)**

[Changes of intrauterine pressure in progesterone–treated ovariectomized rats during the second half of pregnancy] Hosoda K, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Jul 20;60(7):846–51 (Eng. Abstr.) **(Jpn)**

[The responses of isolated uterine arteries from pregnant sows to vasoconstrictive agents] Nunotani T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan;37(1):15–23 (Eng. Abstr.) **(Jpn)**

[Pharmacokinetics of nitrofurantoin in the bodies of pregnant rats] Wierzba K, et al. **Probl Med Wieku Rozwoj** 1984;13:185–92 (Eng. Abstr.) **(Pol)**

[Effect of acute acoustic stress on pregnant rats and the indices of the postnatal development of their progeny] Gamaleia AA. **Akush Ginekol (Mosk)** 1985 Apr;(4):65–7 **(Rus)**

[Kinetics of 3H–remantadine accumulation and excretion in the tissues of pregnant mice and their fetuses] Pravdina NF, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):74–6 (Eng. Abstr.) **(Rus)**

[Transplacental effect of sodium nitrite on rat lung cells with their subsequent culture in the medium with precursors of N–nitrosodimethylamine] Osin'kovskaia ND, et al. **Eksp Onkol** 1985;7(2):22–5 (Eng. Abstr.) **(Rus)**

[Reproductive function in rats with different types of higher nervous activity during stress induced by electric stimulation] Zukhar' AV. **Zh Vyssh Nerv Deiat** 1985 May–Jun;35(3):585–7 **(Rus)**

[The effect of pregnancy on gastric emptying in rats] Pokorn D. **Jugosl Ginekol Opstet** 1984 May–Aug;24(3–4):49–50 (Eng. Abstr.) **(Ser)**

[The effect of age, weight and the breed of heifer on the concentration of thyroxine during insemination] Bekeová E, et al. **Vet Med (Praha)** 1985 Jan;30(1):1–9 (Eng. Abstr.) **(Slo)**

[Effects of immobilization stress in utero on the course of pregnancy in the rat and on various parameters in the newborn animals] Rojo–Fernández M, et al. **Rev Esp Fisiol** 1985 Mar;41(1):29–35 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Studies on the mechanism of action of antifertile PG in animal models. Elger W, et al. **Acta Physiol Hung** 1985;65(4):415–32

Effects of AET and MEA treatment of mice on the first day of pregnancy. Mazur L. **Acta Physiol Hung** 1985;65(2):213–6

Effect on perinatal mortality of a single selenium injection to sows and gilts. Mikél Jensen A, et al. **Acta Vet Scand** 1984;25(3):436–44

Effect of fetal intravascular 4–aminoantipyrine infusions on myometrial activity (contractures) at 125 to 143 days' gestation in the pregnant sheep. El Badry A, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):474–9

Effects of maternal ethanol infusion on fetal cardiovascular and brain activity in lambs. Patrick J, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):859–67

Uterine blood flow and catecholamine response to repetitive nicotine exposure in the pregnant ewe. Resnik R, et al.

Am J Obstet Gynecol 1985 Apr 1;151(7):885-91

Favorable influences of imuthiol on mouse reproduction and immune system of offspring. Renoux G, et al. **Am J Reprod Immunol Microbiol** 1985 Jul;8(3):101-6

Effect of L-propargylglycine on metabolism of sulfur-containing amino acids in pregnant rats and their fetuses. Sasaki K, et al. **Biochem Int** 1985 Feb;10(2):165-75

Inhibition of pregnancy with indomethacin in mature gilts and prepuberal gilts induced to ovulate. Kraeling RR, et al. **Biol Reprod** 1985 Feb;32(1):105-10

Chloroquine and premature evacuation of uterine conceptus in rats. Chatterjee R, et al. **Contraception** 1985 Feb; 31(2):173-7

The zoapatle. VIII. Ultrastructural changes in endometrium of rats. González Angulo A, et al. **Contraception** 1985 May; 31(5):509-21

The zoapatle. VII. Antiimplantation effect in the rat of zoapatle aqueous crude extract (ZACE) from Montanoa tomentosa and Montanoa frutescens. Pedrón N, et al. **Contraception** 1985 May;31(5):499-507

Effects of exposure of pregnant rats to TRH on development of the pituitary-thyroid axis in their progeny. Kawai Y, et al. **Endocrinol Jpn** 1985 Feb;32(1):45-52

In utero nature versus nurture. Woollam DH. **Equine Vet J** 1985 Mar;17(2):97-8

Effects of propranolol during pregnancy and development of rats. II. Adverse effects on development. Schoenfeld N, et al. **Eur J Pediatr** 1985 Jan;143(3):194-5

Testosterone control of the pregnancy block pheromone in mice. Marchlewska-Koj A, et al. **Folia Biol (Krakow)** 1984; 32(4):301-6

Effect of oral cadmium administration to female rats before and during pregnancy on the histoenzymatic activity in maternal and foetal kidneys. Steibert E, et al. **Folia Biol (Krakow)** 1984;32(4):331-40

Effect of post-coital administration of inhibin enriched peptide on early pregnancy in the golden hamster Mesocricetus auratus. Bapat BV, et al. **Indian J Exp Biol** 1984 Feb;22(2):71-4

Effect of ibuprofen and naproxen on implantation and pregnancy in rat. Gupta U, et al. **Indian J Exp Biol** 1984 May;22(5):282-3

Effect of ethyl alcohol infusions on glucose and hormone status in ovine pregnancy. Cook PS, et al. **Int J Gynaecol Obstet** 1984 Jun;22(3):237-42

Stereoisomers of alpha-tocopheryl acetate. III. Simultaneous determination of resorption-gestation and myopathy in rats as a means of evaluating biopotency ratios of all-rac- and RRR-alpha-tocopheryl acetate. Weiser H, et al. **Int J Vitam Nutr Res** 1985;55(2):149-58

The effect of a teratogenic dose of isotretinoin on the subsequent pregnancy in the rat [letter] Agnish ND, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):665-6

Improvement by ergonovine of sperm transport, fertilization and pregnancy rates in ewes in natural or prostaglandin-induced estrus. Hawk HW, et al. **J Anim Sci** 1984 Sep;59(3):754-63

Effect of purified zearalenone on early gestation in gilts. Long GG, et al. **J Anim Sci** 1984 Dec;59(6):1662-70

Toxicological assessment of lidocaine in the pregnant rat. Ramazzotto LJ, et al. **J Dent Res** 1985 Oct;64(10):1214-7

The effects of cyclopiazonic acid on pregnancy and fetal development of Fischer rats. Morrissey RE, et al. **J Toxicol Environ Health** 1984;14(4):585-94

Factors affecting the outcome of maternal alcohol exposure: II. Maternal age. Abel EL, et al. **Neurobehav Toxicol Teratol** 1985 May-Jun;7(3):263-6

The effects of diazoxide upon fetal and maternal hemodynamics and fetal brain function and metabolism. Ayromlooi J, et al. **Pediatr Pharmacol (New York)** 1982; 2(4):293-304

Effect of magnesium sulfate on maternal and fetal hemodynamics and fetal brain function and metabolism. Ayromlooi J, et al. **Pediatr Pharmacol (New York)** 1982; 2(4):305-15

Characteristic morphology of the constricted fetal ductus arteriosus following maternal administration of indomethacin. Momma K, et al. **Pediatr Res** 1985 May; 19(5):493-500

Effects of aminoglutethimide on cervical dilatability and serum immunoreactive relaxin in pregnant rats. Steinetz BG, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):101-4

Phenytoin and trimethadione: pharmacokinetics, embryotoxicity, and maternal toxicity. Khera KS. **Prog Clin Biol Res** 1985;163C:317-22

Effect of prostaglandin F2 alpha at different stages of guinea-pig pregnancy. Sin IL, et al. **Prostaglandins** 1984 Oct;28(4):517-25

Additional studies on pregnancy termination and inhibition of the monkey corpus luteum with 5-oxa-17-phenyl-18,19,20-trinor-PGF1 alpha methyl ester and structurally related prostaglandins. Wilks JW, et al. **Prostaglandins** 1984 Sep;28(3):323-32

Prenatal hamster development following maternal administration of PGE2 at midterm. Liebgott B, et al. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):309-18

An extended evaluation of an in vivo teratology screen utilizing postnatal growth and viability in the mouse. Gray LE Jr, et al. **Teratogenesis Carcinog Mutagen** 1984; 4(5):403-26

The effects of lanthanum chloride on pregnancy in mice and on preimplantation mouse embryos in vitro. Abramczuk JW. **Toxicology** 1985 Mar 29;34(4):315-20

Cyclosporine-induced fetotoxicity in the rat. Mason RJ, et al. **Transplantation** 1985 Jan;39(1):9-12

Apparent pregnancy failure following mating of bitches at PMSG induced oestrus. Renton JP, et al. **Vet Rec** 1984 Oct 13;115(15):383-4

Increased conception rate in dairy cows after PGF2 alpha [letter] Tindall JR. **Vet Rec** 1984 Dec 1;115(22):582

Increased conception rate in dairy cows after early post partum administration of prostaglandin F2 alpha THAM. Young IM, et al. **Vet Rec** 1984 Oct 27;115(17):429-31

[Orienting study on the treatment of cattle with human chorionic gonadotropin on the day of insemination] van der Wielen NJ, et al. **Tijdschr Diergeneeskd** 1984 Sep 15; 109(18):689-92 (Eng. Abstr.) **(Dut)**

[Effects of zinc diethyldithiocarbamate on the prenatal and postnatal developments of the rats] Nakaura S, et al. **Eisei Shikenjo Hokoku** 1984;(102):55-61 (Eng. Abstr.) **(Jpn)**

[Tolerance for nonsteroidal anti-inflammatory agents by experimental animals during pregnancy] Golovanova IV, et al. **Farmakol Toksikol** 1985 Jan-Feb;48(1):66-9 (Eng. Abstr.) **(Rus)**

[Cervical mucus in the heifer uterus during heat and insemination after feeding with synthetic beta-carotene] Elečko J, et al. **Vet Med (Praha)** 1984 Nov;29(11):669-78 (Eng. Abstr.) **(Slo)**

RADIATION EFFECTS

In utero exposure to low-level microwaves does not affect rat foetal development. Schmidt RE, et al. **Int J Radiat Biol** 1984 Oct;46(4):383-6

Effect of 2450 MHz microwave radiation on hematopoiesis of pregnant mice. Galvin MJ, et al. **Radiat Res** 1984 Nov; 100(2):412-7

Effects of AET, MEA, or 5-HT treatment before X-irradiation of pregnant C57BL mice. Mazur L. **Strahlentherapie** 1985 Jul;161(7):433-6

[Effect of whole-body irradiation of females on pregnancy and postnatal development of the offspring] Palyga GF, et al. **Arkh Anat Gistol Embriol** 1984 Dec;87(12):71-6 (Eng. Abstr.) **(Rus)**

PREGNANCY-ASSOCIATED ALPHA PLASMA PROTEIN see under **PREGNANCY PROTEINS**

PREGNANCY-ASSOCIATED BETA PLASMA PROTEIN see under **PREGNANCY PROTEINS**

PREGNANCY COMPLICATIONS

see related
PREGNANCY, PROLONGED

Pregnancy in pre-and postsplenectomy cases of hereditary spherocytosis [letter] Mandal AK, et al. **Acta Haematol (Basel)** 1985;73(3):187-8

The outcome of pregnancy after threatened abortion. Hertz JB, et al. **Acta Obstet Gynecol Scand** 1985;64(2):151-6

Psychosomatic obstetrics and gynecology. **Adv Psychosom Med** 1985;12:1-188

Effects of ethanol on reproduction and arterial hypertension in spontaneously hypertensive and normotensive rats: a preliminary communication. Mankes RF, et al. **Alcoholism (NY)** 1985 May-Jun;9(3):284-90

Lupus pregnancy. Case-control prospective study demonstrating absence of lupus exacerbation during or after pregnancy. Lockshin MD, et al. **Am J Med** 1984 Nov; 77(5):893-8

Reproductive counselling for multiple sclerosis patients. Sadovnick AD, et al. **Am J Med Genet** 1985 Feb; 20(2):349-54

Similarity of effects--experimental hyperthermia as a teratogen and maternal febrile illness associated with oromandibular and limb defects. Superneau DW, et al. **Am J Med Genet** 1985 Jul;21(3):575-80

Successful outcome of a twin gestation in both horns of a bicornuate uterus. Ahram JA, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):323-4

Obstetric outcome in women with epilepsy. Hiilesmaa VK, et al. **Am J Obstet Gynecol** 1985 Jul 1;152(5):499-504

Complete heart block in a fetus associated with maternal Sjögren's syndrome. Veille JC, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):660-1

ECT in pregnancy [letter] Kalinowsky LB. **Am J Psychiatry** 1984 Dec;141(12):1643

Extradural analgesia and dystrophia myotonia [letter] Harris MN. **Anaesthesia** 1984 Oct;39(10):1032-3

Effects of prenatal hormone exposure versus pregnancy complications on sex-dimorphic behavior. Meyer-Bahlburg HF, et al. **Arch Sex Behav** 1984 Oct; 13(5):479-95

Fetal movement--its use for fetal assessment. Laband S, et al. **Ariz Med** 1985 Jun;42(6):365-6

Pregnancy and systemic sclerosis [letter] Giordano M, et al. **Arthritis Rheum** 1985 Feb;28(2):237-8

Epilepsy and pregnancy. Svigos JM. **Aust NZ J Obstet Gynaecol** 1984 Aug;24(3):182-5

Pica during pregnancy. Lackey CJ. **Bol Asoc Med PR** 1984 Sep;76(9):405-7

Obstetric aspects of Gaucher disease. Goldblatt J, et al. **Br J Obstet Gynaecol** 1985 Feb;92(2):145-9

Recurrent pregnancy-induced thyrotoxicosis presenting as hyperemesis gravidarum. Case report. Jeffcoate WJ, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):413-5

Pseudoxanthoma elasticum and pregnancy. Two case reports. Lao TT, et al. **Br J Obstet Gynaecol** 1984 Oct; 91(10):1049-50

ST waveform changes of the fetal electrocardiogram during labour--a clinical study. Lilja H, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):611-7

Uteroplacental blood flow velocity-time waveforms in normal and complicated pregnancy. Trudinger BJ, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):39-45

Nausea and vomiting and dietary cravings and aversions during pregnancy in South African women. Walker AR, et al. **Br J Obstet Gynaecol** 1985 May;92(5):484-9

Spontaneous intraperitoneal rupture of pyonephrosis during pregnancy. Egwuatu VE. **Br J Urol** 1984 Apr;56(2):224-5

Osteomalacia presenting as pathological fractures during pregnancy in Asian women of high socioeconomic class. Dandona P, et al. **Br Med J [Clin Res]** 1985 Mar 16; 290(6471):837-8

ABC of poisoning: paracetamol [letter] Ruthnum P, et al. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1538-9

Generational effects of protein malnutrition in the rat. Resnick O, et al. **Brain Res** 1984 Aug;317(2):219-27

Pregnancy and asthma. Greenberger PA. **Chest** 1985 Jan;87(1 Suppl):85S-87S

Pregnancy and progressive systemic sclerosis. Case report and review of the literature. Scarpinato L, et al. **Cleve Clin Q** 1985 Summer;52(2):207-11

Maternal thyroid hormone levels in pregnancy and the subsequent cognitive and motor performance of the children. Pharoah PO, et al. **Clin Endocrinol (Oxf)** 1984 Sep;21(3):265-70

Lupus nephropathy and pregnancy. Burkett G. **Clin Obstet Gynecol** 1985 Jun;28(2):310-23 (36 ref.)

Renal calculi in pregnancy. Horowitz E, et al. **Clin Obstet Gynecol** 1985 Jun;28(2):324-38

Acute renal failure in pregnancy. Knuppel RA, et al. **Clin Obstet Gynecol** 1985 Jun;28(2):288-97

Thrombotic thrombocytopenic purpura and hemolytic uremic syndrome in pregnancy. Kwaan HC. **Clin Obstet Gynecol** 1985 Mar;28(1):101-6

Pregnancy following renal transplantation. Lau RJ, et al. **Clin Obstet Gynecol** 1985 Jun;28(2):339-50

Pregnancy in the patient with a renal transplant. Meier PR, et al. **Clin Obstet Gynecol** 1984 Dec;27(4):902-13

Assessment and treatment of renal disease in pregnancy. Robertson EG. **Clin Obstet Gynecol** 1985 Jun;28(2):279-87

Osteonecrosis of the femoral head and pregnancy. Arlet J, et al. **Clin Rheumatol** 1982 Jun;1(2):95-103

Dental status of pregnant women attending a Brisbane maternity hospital. Jago JD, et al. **Community Dent Oral Epidemiol** 1984 Dec;12(6):398-401

Pulmonary problems of pregnancy. Harman EM. **Compr Ther** 1985 May;11(5):26-32

Experimental maternal phenylketonuria: an examination of two animal models. Loo YH, et al. **Dev Neurosci** 1983-84; 6(4-5):227-34

Association of syndromes predisposing to low birthweight. Joffe M. **Early Hum Dev** 1984 Sep;10(1-2):107-13

Obstetrical complications in a patient with the Marfan syndrome. Lind J, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Oct;18(3):161-8

Growth of the foetus and infant following maternal jejuno-ileal bypass for obesity: a case report. Brooke OG, et al. **Hum Nutr Appl Nutr** 1984 Aug;38(4):308-10

Experimental study on rats to find the usefulness of nutritional supplementation to undernourished offspring of parents undernourished life-long. Rajanna B, et al. **Indian J Physiol Pharmacol** 1984 Apr-Jun;28(2):83-96

Left-sided hydrothorax in connection with severe pre-eclampsia. Case reports. Suonio S, et al. **Int J Gynaecol Obstet** 1984 Oct;22(5):357-61

Lymphedema of the lower abdominal wall in pregnancy. Reed BR, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 2):930-2

Mixed connective tissue disease in pregnancy: report of a case. Snyder JM, et al. **J Am Osteopath Assoc** 1985 Jan; 85(1):75-8

Sacculation of pregnant uterus. Chatterjee G, et al. **J Indian Med Assoc** 1984 Oct;82(10):365-8

Fulminant hepatic failure in the third trimester of pregnancy. A case report. Baker VV, et al. **J Reprod Med** 1985 Mar; 30(3):229-31

Refractory status epilepticus in pregnancy. A case report. Grunert GM, et al. **J Reprod Med** 1985 Jan;30(1):69-73

Maternal Addison's disease and fetal growth retardation. A case report. O'Shaughnessy RW, et al. **J Reprod Med** 1984 Oct;29(10):752-6

Complications of the Ehlers-Danlos syndrome in pregnancy. A case report. Rivera-Alsina ME, et al. **J Reprod Med** 1984 Oct;29(10):757-9

Adult respiratory distress syndrome in a pregnant patient with a pheochromocytoma. Feldman JM. **J Surg Oncol** 1985 May;29(1):5-7

Perinatal events and adolescent suicide [letter] **Lancet** 1985 Apr 27;1(8435):985-6

Osteoporosis of pregnancy [letter] Aitken JM. **Lancet** 1985 Jul 6;2(8445):42

Adverse outcome of pregnancy and the quality of obstetric care. Niswander K, et al. **Lancet** 1984 Oct 13; 2(8407):827-31

Pregnancy outcome in women with diabetes and other autoimmune diseases [letter] Saad E, et al. **Lancet** 1984 Dec 1;2(8414):1283–4

Relationship of maternal and perinatal conditions to eventual adolescent suicide. Salk L, et al. **Lancet** 1985 Mar 16; 1(8429):624–7

Osteoporosis of pregnancy. Smith R, et al. **Lancet** 1985 May 25;1(8439):1178–80

Do pregnancy complications contribute to neurodevelopmental disability? Taylor DJ, et al. **Lancet** 1985 Mar 30;1(8431):713–6

Chorea gravidarum and SLE [letter] Webb J. **Med J Aust** 1984 Nov 24;141(11):764

Thyroid disease in pregnancy and the postpartum period. Davies TF, et al. **Mt Sinai J Med (NY)** 1985 Jan;52(1):59–77 (133 ref.)

Crohn's disease and pregnancy: a literature study. Gennuso R. **Mt Sinai J Med (NY)** 1985 May;52(5):398–403 (34 ref.)

Maternal connective tissue disease and congenital heart block [letter] **N Engl J Med** 1985 May 16;312(20):1328–9

Cocaine use in pregnancy. Chasnoff IJ, et al. **N Engl J Med** 1985 Sep 12;313(11):666–9

A possible association between maternal drinking and fetal clubfoot [letter] Halmesmäki E, et al. **N Engl J Med** 1985 Mar 21;312(12):790

More on untreated maternal hyperphenylalaninemia [letter] Kirkman HN Jr, et al. **N Engl J Med** 1984 Oct 25; 311(17):1125–6

Effects of maternal narcotic vs. nonnarcotic addiction on neonatal neurobehavior and infant development. Chasnoff IJ. **Natl Inst Drug Abuse Res Monogr Ser** 1985;59:84–95

Developmental consequences of maternal drug use during pregnancy. Zuckerman B. **Natl Inst Drug Abuse Res Monogr Ser** 1985;59:96–106

Infants of obese mothers are prone to hypoglycemia. **Nutr Rev** 1984 Oct;42(10):345–7

Clinical management of spinal cord injury [letter] **Obstet Gynecol** 1984 Oct;64(4):598–9

Respiratory arrest during therapy for premature labor in a patient with myasthenia gravis. Catanzarite VA, et al. **Obstet Gynecol** 1984 Dec;64(6):819–22

Perinatal problems of the obese mother and her infant. Kliegman RM, et al. **Obstet Gynecol** 1985 Sep; 66(3):299–306 (38 ref.)

Diagnosis of intracranial hemorrhage in utero after a maternal seizure. Minkoff H, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):22S–24S

Chronic granulomatous disease in pregnancy. Veille JC, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):8S–9S

Renal disease in pregnancy. Gabert HA, et al. **Obstet Gynecol Surv** 1985 Jul;40(7):449–61 (64 ref.)

Amniotic fluid embolism. Three case reports with a review of the literature. Price TM, et al. **Obstet Gynecol Surv** 1985 Jul;40(7):462–75

Prenatal maternal stress: differential effects upon male and female offspring responses to restraint stress as adults. Glavin GB. **Pavlov J Biol Sci** 1984 Jul–Sep;19(3):157–9

Ventricular configuration and cerebral growth in infants born to drug-dependent mothers. Pasto ME, et al. **Pediatr Radiol** 1985;15(2):77–81

Nephrotic syndrome and pregnancy. Potential problems for mother and child. Rankin LI. **Postgrad Med** 1984 Nov 1; 76(6):125–8, 133–4

Diaphragmatic myasthenia in mother and child. Mier AK, et al. **Postgrad Med J** 1985 Aug;61(718):725–7

The role of malnutrition in common forms of physical and mental congenital defects among Nigerian Africans. Adeyokunnu AA. **Prog Clin Biol Res** 1985;163B:409–18

The association between limb anomalies and spatially-restricting uterine environments. Graham JM Jr. **Prog Clin Biol Res** 1985;163C:99–103

Trace elements and their interactions as causes of congenital defects. Hurley LS. **Prog Clin Biol Res** 1985;163B:377–82

Report of the workshop on nutrition. Hurley LS. **Prog Clin Biol Res** 1985;163B:365–8

Maternal PKU. Levy HL. **Prog Clin Biol Res** 1985; 177:109–22

Nutritional teratogens: a survey of epidemiological literature. Pieters JJ. **Prog Clin Biol Res** 1985;163B:419–29

Prenatal protein-calorie malnutrition and brain development. Winick M. **Prog Clin Biol Res** 1985;163B:397–402

Sigmoid volvulus in advanced pregnancy. Report of 2 cases. Hofmeyr GJ, et al. **S Afr Med J** 1985 Jan 12;67(2):63–4

Spontaneous regression of large theca lutein cysts in a twin pregnancy. A case report. Lindow SW, et al. **S Afr Med J** 1985 Feb 2;67(5):185–6

Thiamine deficiency-induced gestational polyneuropathy and encephalopathy. A case report. Nel JT, et al. **S Afr Med J** 1985 Apr 13;67(15):600–3

Pregnancy in Crohn's disease. Nielsen OH, et al. **Scand J Gastroenterol** 1984 Sep;19(6):724–32

Viral hepatitis B induced haemolytic anaemia in a patient with normal glucose 6 phosphate dehydrogenase—a case report. Ting PL, et al. **Singapore Med J** 1984 Oct; 25(5):360–1

Choledochal cyst complicating a twin gestation. Angel JL, et al. **South Med J** 1985 Apr;78(4):463–6

Infantile hepatic cholestasis with maternal Dubin-Johnson syndrome. Cotton DB. **South Med J** 1984 Sep;77(9):1213–4

Pregnancy associated with exstrophy of the bladder and obstructive renal failure. Smythe AR 2d. **South Med J** 1984 Sep;77(9):1196–9

Maternal toxicity: a possible etiological factor in embryo-fetal deaths and fetal malformations of rodent-rabbit species. Khera KS. **Teratology** 1985 Feb; 31(1):129–53

Zinc deficiency in pregnant Long-Evans hooded rats: teratogenicity and tissue trace elements. Rogers JM, et al. **Teratology** 1985 Feb;31(1):89–100

Teratogen update: iodine deficiency. Warkany J. **Teratology** 1985 Apr;31(2):309–11

The induction of microphthalmia, encephalocele, and other head defects following hyperthermia during the gastrulation process in the rat. Webster WS, et al. **Teratology** 1985 Feb;31(1):73–82

[Case reports from Cambodia] Hrádek D. **Cesk Gynekol** 1985 May;50(4):293–4 **(Cze)**

[Volvulus in pregnancy] Košťál M, et al. **Cesk Gynekol** 1984 Jul;49(6):434–6 **(Cze)**

[Benign intracranial hypertension syndrome (BIH) in pregnancy] Kudela M. **Cesk Gynekol** 1984 Dec; 49(10):734–6 **(Cze)**

[Pregnancy in young women with kidney failure] Zapletal Z, et al. **Cesk Pediatr** 1984 Aug;39(8):453–4 (Eng. Abstr.) **(Cze)**

[Pregnancy and long-term hospitalization. A study of the influence of hospitalization on psychologic and social conditions] Moth I, et al. **Ugeskr Laeger** 1984 Sep 3; 146(36):2715–20 (Eng. Abstr.) **(Dan)**

[Scleroderma and pregnancy. New case and review of the literature] Challan-Belval P, et al. **Ann Med Interne (Paris)** 1984;135(6):435–9 (Eng Abstr.) **(Fre)**

[Right ovarian vein syndrome] Arvis G. **Ann Urol (Paris)** 1985;19(1):65–6 (Eng. Abstr.) **(Fre)**

[Vesico-renal reflux and pregnancy] Barbe YP, et al. **Ann Urol (Paris)** 1985;19(1):39–41 (Eng. Abstr.) **(Fre)**

[Renal transplantation and pregnancy] Benoit G, et al. **Ann Urol (Paris)** 1985;19(1):60–2 (Eng. Abstr.) **(Fre)**

[Bladder exstrophy and pregnancy. Apropos of 2 cases] Peneau M, et al. **Ann Urol (Paris)** 1985;19(1):47–52 (Eng. Abstr.) **(Fre)**

[Adrenal hematoma in a pregnant woman] Petit M, et al. **Ann Urol (Paris)** 1985;19(1):67–8 (Eng. Abstr.) **(Fre)**

[Pregnancy and purulent retention of urine in the upper urinary tract. Apropos of 4 cases] Ratajczak A, et al. **Ann Urol (Paris)** 1985;19(1):43–5 (Eng. Abstr.) **(Fre)**

[Pregnancy in renal transplant patients] Sarramon JP, et al. **Ann Urol (Paris)** 1985;19(1):57–9 (Eng. Abstr.) **(Fre)**

[Impact of pregnancy on the bladder and urethra. Prospective study] Serment G, et al. **Ann Urol (Paris)** 1985;19(1):53–6 (Eng. Abstr.) **(Fre)**

[Chondrodysplasia punctata and maternal alcohol intoxication. Apropos of 7 cases] Maroteaux P, et al. **Arch Fr Pediatr** 1984 Oct;41(8):547–50 (Eng. Abstr.) **(Fre)**

[Peridural anesthesia in an obstetrical myasthenic patient. Apropos of a case] Spiers C, et al. **Cah Anesthesiol** 1982 Dec;30(8):1095–9 **(Fre)**

[Spontaneous rupture of the liver in pregnancy. Diagnostic and therapeutic problems (letter)] De Calan L, et al. **J Chir (Paris)** 1985 Jan;122(1):59–60 **(Fre)**

[The role of gestational factors in the formation of irreversible neurologic handicaps] Doyen J, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(4):431–8 (Eng. Abstr.) **(Fre)**

[Amniotic fibronectin in normal pregnancy and pregnancy with fetal anencephaly] Ruelland A, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(3):305–8 (Eng. Abstr.) **(Fre)**

[Spontaneous 2-stage rupture of the liver during pregnancy (letter)] Dib D, et al. **Presse Med** 1984 Oct 20;13(37):2268–9 **(Fre)**

[Twin pregnancy with acute hepatic steatosis followed by antehypophyseal insufficiency and diabetes insipidus] Piech JJ, et al. **Presse Med** 1985 Jun 29;14(26):1421–3 (Eng. Abstr.) **(Fre)**

[Advances in neurological maturation in various pathological pregnancies] Amiel-Tison C. **Prog Clin Biol Res** 1985; 163A:157–67 **(Fre)**

[Uncomplicated pregnancies following recovery from acute pregnancy-related hepatic steatosis] Crouet H, et al. **Rev Fr Gynecol Obstet** 1985 Feb;80(2):113–7 (Eng. Abstr.) **(Fre)**

[Problems of pregnancy in epileptic mothers] Giroud M. **Rev Fr Gynecol Obstet** 1984 Jun;79(6):455–8 (Eng. Abstr.) **(Fre)**

[Dermatoses specific to pregnancy] De Raeve L, et al. **Rev Med Brux** 1985 Jan;6(1):3–6 (Eng. Abstr.) **(Fre)**

[Pruriginous eruptions in pregnancy] Pierard GE, et al. **Rev Med Liege** 1984 Nov 1;39(21):757–60 **(Fre)**

[Role of prolactin in galactorrhea and pregnancy: physiologic and pathologic aspects] Welt M, et al. **Union Med Can** 1984 Jul;113(7):594–8 (30 ref.) (Eng. Abstr.) **(Fre)**

[Risks in pregnancy after kidney transplantation] Wolff F, et al. **Dtsch Med Wochenschr** 1984 Nov 9;109(45):1721–5 (Eng. Abstr.) **(Ger)**

[16-Phenoxy-prostaglandin-E2 for inducing abortion in intact and complicated pregnancy] Lichtenegger W. **Geburtshilfe Frauenheilkd** 1984 Nov;44(11):752–7 (Eng. Abstr.) **(Ger)**

[The nonimmunologically-induced habitual abortion] Maroni E. **Gynakol Rundsch** 1984;24 Suppl 1:1–8 **(Ger)**

[Eisenmenger's syndrome in pregnancy. Controlled segmental epidural block for cesarean section] Rosenberg B, et al. **Reg Anaesth** 1984 Oct;7(4):131–3 (Eng. Abstr.) **(Ger)**

[Trauma in advanced pregnancy] Libal Y, et al. **Harefuah** 1984 Dec 2;107(11):347–9 **(Heb)**

[Role of undiagnosed inflammation of the embryonic structures in the mortality of premature infants] Horváth B, et al. **Orv Hetil** 1985 Jan 27;126(4):199–201 (Eng. Abstr.) **(Hun)**

[Pregnancy risk in physically handicapped women] Kazy Z, et al. **Orv Hetil** 1985 Jan 13;126(2):81–2, 85 (Eng. Abstr.) **(Hun)**

[Traumatic rupture of the uterus associated with pelvic fracture] Turcsányi C, et al. **Orv Hetil** 1985 Aug 11; 126(32):1979–80 (Eng. Abstr.) **(Hun)**

[SLE and pregnancy. Presentation of a clinical case with diagnostic and therapeutic considerations] Gneo S, et al. **Minerva Ginecol** 1985 Apr;37(4):153–6 (Eng. Abstr.) **(Ita)**

[Volvulus of the sigmoid in pregnancy] Pecorella G, et al. **Minerva Ginecol** 1985 May;37(5):225–8 (Eng. Abstr.) **(Ita)**

[General anesthesia for caesarean section in a patient with acute intermittent porphyria and psychogenic reaction] Ochiai Y, et al. **Masui** 1985 Apr;34(4):500–7 (Eng. Abstr.) **(Jpn)**

[Pregnancy in patients with minimal change nephrotic syndrome] Kosino Y, et al. **Nippon Jinzo Gakkai Shi** 1985 Apr;27(4):451–8 (Eng. Abstr.) **(Jpn)**

[Risk factors in pregnancy and labor and the survival time of low-birth-weight infants] Steckiewicz W. **Pediatr Pol** 1984 May;59(5):387–93 (Eng. Abstr.) **(Pol)**

[Pathogenesis of intrauterine fetal infection caused by opportunistic microorganisms] Ankirskaia AS, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):14–8 (Eng. Abstr.) **(Rus)**

[Hemorrhage during pregnancy as a fetal risk factor] Sadauskas VM, et al. **Akush Ginekol (Mosk)** 1985 Jan; (1):32–5 (Eng. Abstr.) **(Rus)**

[Systemic scleroderma and pregnancy] Guseva NG, et al. **Revmatologiia (Moskva)** 1984 Oct–Dec;(4):19–24 **(Rus)**

[The most frequent sequelae of chronic alcoholism in women in the reproductive years] Mošković S, et al. **Srp Arh Celok Lek** 1984 Feb;112(2):223–8 (Eng. Abstr.) **(Scc)**

[The effect of endemic nephritis on a large number of complications in pregnant women] Mošković S, et al. **Srp Arh Celok Lek** 1984 Jan;112(1):57–62 (Eng. Abstr.) **(Scc)**

[Endocrinologically-induced changes in the oral cavity during pregnancy] Hillier-Kolarov V. **Med Pregl** 1985; 38(3–4):179–84 (Eng. Abstr.) **(Scr)**

[Systemic lupus erythematosus and pregnancy] Pilić Z, et al. **Med Pregl** 1984;37(9–10):437–40 (Eng. Abstr.) **(Scr)**

[Social aspects of the risk of pregnancy in a large city] Floreán L, et al. **Cesk Gynekol** 1985 Feb;50(1):71–2 **(Slo)**

[An unusual complication after cesarean section] Kliment V, et al. **Cesk Gynekol** 1984 Aug;49(7):504–6 **(Slo)**

[Prolonged pregnancy and post-maturity: myth or reality] Guzmán Sánchez A, et al. **Ginecol Obstet Mex** 1985 Jan; 53(333):1–13 (100 ref.) (Eng. Abstr.) **(Spa)**

[Post-necrotic liver cirrhosis and pregnancy. Presentation of a case and review of the literature] Villegas Castrejoń H, et al. **Ginecol Obstet Mex** 1984 Nov;52(331):271–9 (Eng. Abstr.) **(Spa)**

BLOOD

Pregnancy and delivery in Ehlers-Danlos syndrome. Role of copper and zinc. Kiilholma P, et al. **Acta Obstet Gynecol Scand** 1984;63(5):437–9

Increased breast milk iron in severe maternal anemia: physiological 'trapping' or leakage? Fransson GB, et al. **Acta Paediatr Scand** 1985 Mar;74(2):290–1

Amyloid-related serum protein (SAA) during and after pregnancy in healthy women and women with rheumatic disease. Ostensen M, et al. **Acta Pathol Microbiol Immunol Scand** [C] 1985 Feb; 93(1):1–5

Thyroid function in epileptic mothers and their infants at birth. Carriero R, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):641–4

Plasma and red blood cell beta-endorphin immunoreactivity in normal and complicated pregnancies: gestational age variation. Evans MI, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):433–7

Serum levels of placenta-specific tissue protein 12 (PP12) in pregnancies complicated by pre-eclampsia, diabetes or twins. Than GN, et al. **Arch Gynecol** 1984;236(1):41–5

Serum chorionic gonadotrophin (hCG), schwangerschaftsprotein 1 (SP1), progesterone and oestradiol levels in patients with nausea and vomiting in early pregnancy. Masson GM, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):211–5

Recurrence of Cushing's disease in pregnancy. Case report. Semple CG, et al. **Br J Obstet Gynaecol** 1985 Mar; 92(3):295–8

Placental protein and hormone measurements in twin pregnancy. Westergaard JG, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):72–6

Serum levels of pregnancy associated alpha 2-glycoprotein (alpha 2-PAG) during pregnancy in autoimmune thyroid disease: relationship to disease activity. Scott RM, et al. **Clin Exp Immunol** 1985 Mar;59(3):564-70

Placental alkaline phosphatase compared with human placental lactogen and oestriol in high-risk pregnancies. Ronin-Walknowska E, et al. **Gynecol Obstet Invest** 1984; 18(4):206-11

Circulating levels of pregnancy specific beta 1-glycoprotein in normal & pathological pregnancies. Majumdar S, et al. **Indian J Med Res** 1984 May;79:630-5

Serum iron in babies of anemic mothers--II. Ahmad SH, et al. **Indian Pediatr** 1984 Oct;21(10):759-63

Hematological profile of babies of anemic mothers--I. Ahmad SH, et al. **Indian Pediatr** 1984 Oct;21(10):753-8

Kinetics of drug action in disease states III: Effect of pregnancy on the relationship between phenytoin concentration and antiseizure activity in rats. Chou RC, et al. **J Pharm Sci** 1984 Oct;73(10):1348-51

Transferrin in maternal and cord blood: the relationship with birthweight. Dissanayake S, et al. **J Trop Med Hyg** 1984 Aug;87(4):167-71

Normalization of low-density lipoprotein levels and disappearance of xanthomas during pregnancy in a woman with heterozygous familial hypercholesterolemia. Mabuchi H, et al. **Metabolism** 1985 Apr;34(4):309-15

Development of signs and symptoms of congenital choledochal dilatation: its relation to pregnancy with special reference to experimental study in guinea pigs. Aoki Y, et al. **Nippon Geka Hokan** 1984 Mar 1;53(2):338-44

Nonimmunologic fetal hydrops associated with hyperreactio luteinalis. Hatjis CG. **Obstet Gynecol** 1985 Mar;65(3 Suppl):11S-13S

Precursor prothrombin status in two mother-infant pairs following gestational anticonvulsant therapy. Argent AC, et al. **Pediatr Pharmacol (New York)** 1984;4(3):183-7

Blood lead levels in Malaysian urban and rural pregnant women. Lim HH, et al. **Public Health** 1985 Jan;99(1):23-9

The influence of pregnancy on blood parameters in patients with rheumatic disease. Ostensen M. **Scand J Rheumatol** 1984;13(3):203-8

Maternal serum alpha-fetoprotein in normal and complicated pregnancies. Soong YK, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Nov;83(11):1113-9

The fast inhibitor of tissue plasminogen activator in plasma during pregnancy. Wiman B, et al. **Thromb Haemost** 1984 Oct 31;52(2):124-6

[Elevated maternal alpha fetoproteins and oligoamnios: fetal prognosis] Bosuma WB, et al. **Rev Med Brux** 1984 Dec; 5(10):688-91 (Eng. Abstr.) **(Fre)**

[Do pregnancy proteins have prospective significance? (SP-1, HPL and PP-5)] Tatra G, et al. **Geburtshilfe Frauenheilkd** 1985 Jun;45(6):363-6 (Eng. Abstr.) **(Ger)**

[Pregnancy and serum lipids--possible relations to cholelithiasis] Sobotka J, et al. **Zentralbl Gynakol** 1985; 107(1):22-30 (Eng. Abstr.) **(Ger)**

[Usefulness of an enzymatic method of determining placental lactogen and estriol in the serum and cardiotocographic recording in monitoring high-risk pregnancy] Pisarek-Miedzinska D, et al. **Ginekol Pol** 1984 Aug; 55(8):583-94 (Eng. Abstr.) **(Pol)**

[Redox potential and pH of the blood of newborn infants and their mothers following normal and pathologic pregnancies] Bylinkina VV. **Pediatriia** 1985 Mar;(3):6-9 (Eng. Abstr.) **(Rus)**

[Significance of the determination of alpha 1-antitrypsin in pregnancy] Rosić B, et al. **Srp Arh Celok Lek** 1984 Oct; 112(10):1039-45 (Eng. Abstr.) **(Scc)**

[Determination of alpha acid glycoprotein in normal and pathologic pregnancy] Rosić B, et al. **Jugosl Ginekol Opstet** 1984 Sep-Dec;24(5-6):98-9 (Eng. Abstr.) **(Scr)**

[Measurement of calcium and phosphorus levels during pregnancy and the puerperium] Kunhardt Rasch J, et al. **Ginecol Obstet Mex** 1984 Nov;52(331):267-70 (Eng. Abstr.) **(Spa)**

[Serum concentration of arachidonic acid in hypertriglyceridemic pregnant women. Preliminary report] Lerdo de Tejada A, et al. **Ginecol Obstet Mex** 1985 Feb; 53(334):39-40 (Eng. Abstr.) **(Spa)**

[Intrahepatic cholestasis of pregnancy, serum bile acids, and electronic monitoring of the fetus] Lisoni M, et al. **Rev Chil Obstet Ginecol** 1983;48(5):366-71 (Eng. Abstr.) **(Spa)**

[Intrahepatic cholestasis of pregnancy: effect of diazepam blood levels] Sánchez E, et al. **Rev Chil Obstet Ginecol** 1983;48(1):3-10 (Eng. Abstr.) **(Spa)**

CHEMICALLY INDUCED

Pregnancy and porphyria cutanea tarda. Rajka G. **Acta Derm Venereol (Stockh)** 1984;64(5):444-5

Health status and PCBs in blood of workers exposed to PCBs and of their children. Hara I. **Environ Health Perspect** 1985 Feb;59:85-90

Acquired methaemoglobinaemia in pregnancy. A case report. Moore PJ, et al. **S Afr Med J** 1985 Jan 5;67(1):23-4

Dettol (chloroxylenol and terpineol) poisoning in a pregnant patient. A case report. Shipton EA, et al. **S Afr Med J** 1984 Nov 24;66(21):822

[Problems of pregnancy and labor in drug addicts] Kölbl H, et al. **Geburtshilfe Frauenheilkd** 1985 Jun;45(6):360-2 (Eng. Abstr.) **(Ger)**

[Assessment of damage to the child in acute CO poisoning in pregnancy] Weiler G, et al. **Geburtshilfe Fraunheilkd** 1984 Nov;44(11):744-8 (Eng. Abstr.) **(Ger)**

[Teratogenic and goitrogenic activity of propineb and propylenethiourea in the rat] Vicari L, et al. **Boll Soc Ital Biol Sper** 1985 Feb 28;61(2):271-8 (Eng. Abstr.) **(Ita)**

[Studies on the pharmacological bases of fetal toxicity of drugs (VII). Enhancement effect of bacterial pyrogen on the fetal toxicity of salicylic acid] Itami T, et al. **Nippon Yakurigaku Zasshi** 1984 Nov;84(5):411-6 (Eng. Abstr.) **(Jpn)**

[Effect of the degree of water mineralization on reproductive function in women] Shtannikov EV, et al. **Gig Sanit** 1984 Sep;(9):20-3 (Eng. Abstr.) **(Rus)**

[A rare cause of jaundice in pregnancy] Bohuš O, et al. **Cesk Gynekol** 1985 Mar;50(2):88-93 (Eng. Abstr.) **(Slo)**

DIAGNOSIS

Torsion of the uterus [letter] Thiery M. **Acta Obstet Gynecol Scand** 1984;63(8):735

Importance of the DHEA-sulphate-test in pregnancy. Bazsa-Kassai Z, et al. **Acta Physiol Hung** 1985; 65(4):497-505

Amniotic fluid beta-2 microglobulin in normal and complicated pregnancies. Hadnagy J, et al. **Acta Physiol Hung** 1985;65(4):507-10

Distribution of placental grade in high-risk gravidas. Hills D, et al. **AJR** 1984 Nov;143(5):1011-3

Sonographic evaluation of bile duct size during pregnancy. Mintz MC, et al. **AJR** 1985 Sep;145(3):575-8

Evaluation of fetal well-being by ultrasonography. Wade RV. **Ala J Med Sci** 1985 Jan;22(1):30-3 (14 ref.)

Gallbladder disease in pregnancy. Holman KG, et al. **Am Fam Physician** 1985 Jul;32(1):147-51

Manifestations of pseudoxanthoma elasticum during pregnancy: a case report and review of the literature. Elejalde BR, et al. **Am J Med Genet** 1984 Aug;18(4):755-62

Investigation of obstructive jaundice by an ultra-thin-caliber endoscope: a new technique for potential use in pregnancy. Bar-Meir S, et al. **Am J Obstet Gynecol** 1984 Dec 15; 150(8):1003-4

Glycosylated hemoglobin as a screening test for carbohydrate intolerance in pregnancy. Cousins L, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):455-60

Diagnostic tests in obstetrics: a method for improved evaluation. Richardson DK, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):613-8

Reliability of gynecologic sonographic diagnosis, 1978-1984. Wade RV, et al. **Am J Obstet Gynecol** 1985 Sep 15; 153(2):186-90

Depressed mood during pregnancy and the puerperium: clinical recognition and implications for clinical practice. Saks BR, et al. **Am J Psychiatry** 1985 Jun;142(6):728-31

Diagnosing appendicitis during pregnancy. Masters K, et al. **Am J Surg** 1984 Dec;148(6):768-71

Sonographic differential diagnosis of pelvic masses complicating pregnancy. Woo JS, et al. **Asia Oceania J Obstet Gynaecol** 1984 Sep;10(3):333-40

Current opinion on safety of diagnostic ultrasound in pregnancy. Barnett SB, et al. **Australas Radiol** 1984 Nov; 28(4):376-8

The investigation of proteinuria in pregnancy using iso-dalt analysis. Clark PM, et al. **Br J Obstet Gynaecol** 1984 Oct; 91(10):979-85

Effects of two ultrasound scanning regimens on the management of pregnancy. Cochlin DL. **Br J Obstet Gynaecol** 1984 Sep;91(9):885-90

Spontaneous rupture of the liver in association with pregnancy. Case report. Ibrahim N, et al. **Br J Obstet Gynaecol** 1985 May;92(5):539-40

The routine use of ultrasound [editorial] Lilford RJ, et al. **Br J Obstet Gynaecol** 1985 May;92(5):434-6

Quality of controlled clinical trials. The case of imaging ultrasound in obstetrics: a review. Thacker SB. **Br J Obstet Gynaecol** 1985 May;92(5):437-44

Some rare medical complications of pregnancy [editorial] de Swiet M. **Br Med J [Clin Res]** 1985 Jan 5;290(6461):2-4

Anticardiolipin antibodies in pregnancy [letter] Thornton JG, et al. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):697

Distribution of adipose tissue and risk of impaired glucose tolerance in pregnancy [letter] Treharne I. **Br Med J [Clin Res]** 1985 Jan 5;290(6461):69

Recurrent chorea gravidarum in four pregnancies. Ghanem Q. **Can J Neurol Sci** 1985 May;12(2):136-8

Headache and the ameliorating effect of pregnancy: an editorial. Sjaastad O. **Cephalalgia** 1984 Dec;4(4):211-2

Decalcifying algodystrophy of the hip in pregnancy. A case report. Armentano G, et al. **Clin Exp Obstet Gynecol** 1984; 11(4):152-5

Ultrasound in pregnancy: should it be routine? **Drug Ther Bull** 1985 Jul 29;23(15):57-60

A prenatal diagnosis of umbilical cord oedema made by ultrasound; a case report. Quartero HW, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Aug;17(6):409-12

Ultrasound imaging during pregnancy. Gold RB. **Fam Plann Perspect** 1984 Sep-Oct;16(5):240-3

The efficacy of early pregnancy monitoring with serial chorionic gonadotropin determinations and real-time sonography in an infertility population. Pittaway DE, et al. **Fertil Steril** 1985 Aug;44(2):190-4

The use of ultrasound in obstetrics [editorial] Jackson R. **Ir Med J** 1985 Jun;78(6):149-50

Pigmentary demarcation lines associated with pregnancy. James WD, et al. **J Am Acad Dermatol** 1984 Sep; 11(3):438-40

Diagnosis of spinal arteriovenous malformation in a pregnant patient by MR imaging. Kulkarni MV, et al. **J Comput Assist Tomogr** 1985 Jan-Feb;9(1):171-3

Cervical spine trauma in a pregnant patient. Cantrill S. **J Emerg Med** 1984;1(3):275-82

Foetal malnutrition and maternal factors--a correlative study. Dastidar DK, et al. **J Indian Med Assoc** 1984 Sep; 82(9):318-20

Pruritic urticarial papules and plaques of pregnancy. Hill JA. **J Med Assoc Ga** 1985 Jul;74(7):493-5

Risk pregnancy screening: a simple method for non physicians to screen the high-risk pregnancy. Sirivongs B, et al. **J Med Assoc Thai** 1984 Oct;67 Suppl 2:15-21

Ventriculoperitoneal shunt malfunction during pregnancy. Case report. Hanakita J, et al. **J Neurosurg** 1985 Sep; 63(3):459-60

Appendicitis in pregnancy. Lineaweaver WC. **J Okla State Med Assoc** 1984 Nov;77(11):390-2

Iliac venous aneurysm in a pregnant patient with a renal transplant. A case report. Parer JT, et al. **J Reprod Med** 1984 Dec;29(12):869-71

Separated chorioamnion and elevated chorion: sonographic features and clinical significance. Kaufman AJ, et al. **J Ultrasound Med** 1985 Mar;4(3):119-25

Sonographic diagnosis and classification of anomalies of the female genital tract. Malini S, et al. **J Ultrasound Med** 1984 Sep;3(9):397-404

Ultrasound diagnosis of monoamniotic twins with cord entanglement: case report with double survival. Bhakthavathsalan A, et al. **JCU** 1985 Feb;13(2):137-40

Ultrasonographic diagnosis of spontaneous rupture of the liver in pregnancy. Greca FH, et al. **JCU** 1984 Oct; 12(8):515-6

Foetal and maternal survey. Jumshyd FJ. **JPMA** 1985 Jan; 35(1):26-7

Subclinical rubella in pregnancy [letter] Kudesia G, et al. **Lancet** 1985 Mar 23;1(8430):700

Acute fatty liver of pregnancy. Kaplan MM. **N Engl J Med** 1985 Aug 8;313(6):367-70 (21 ref.)

Perinatal addiction: the effects of maternal narcotic and nonnarcotic substance abuse on the fetus and neonate. Chasnoff IJ, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:220-6

Measurement of substance use during pregnancy: methodologic issues. Day NL, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1985;59:36-47

Evaluation of a prenatal screening procedure for beta-thalassaemia carriers in a Chinese population based on the mean corpuscular volume (MCV). Ghosh A, et al. **Prenat Diagn** 1985 Jan-Feb;5(1):59-65

A case of 'uterine mass' complicating pregnancy. Brook F. **Radiography** 1985 Jan-Feb;51(595):20-1

Magnetic resonance imaging in obstetric diagnosis. Weinreb JC, et al. **Radiology** 1985 Jan;154(1):157-61

Determination of cholesteryl sulphate by isotope dilution-mass spectrometry for diagnosis of steroid sulphatase deficiency. Björkhem I, et al. **Scand J Clin Lab Invest** 1985 Feb;45(1):83-6

Operative ultrasonography in the biliary tract during pregnancy. Machi J, et al. **Surg Gynecol Obstet** 1985 Feb; 160(2):119-23

National Institutes of Health Consensus Development Conference consensus statement. The use of diagnostic ultrasound imaging in pregnancy. **Ultrasound Med Biol** 1984 Jul-Aug;10(4):547-56

Possible applications of digital analysis of ultrasonic images of the placenta. Crawford DC, et al. **Ultrasound Med Biol** 1985 Jan-Feb;11(1):79-84

Spontaneous rupture of a hydronephrotic kidney during pregnancy. Dhabuwala CB, et al. **Urology** 1984 Dec; 24(6):591-4

Acute volvulus of the transverse colon: report of an unusual case. Chang TH. **W Va Med J** 1985 May;81(5):95-8

Cholelithiasis in pregnancy. Garten KJ, et al. **W Va Med J** 1985 Apr;81(4):75-6

[Immune leukocyte test and its significance in obstetrics] Dimitrov DIa. **Akush Ginekol (Sofiia)** 1984;23(4):309-14 (Eng. Abstr.) **(Bul)**

[Clinical thinking in modern obstetrics. II. The hormonal and cardiotocographic aspects] Katsurov A. **Akush Ginekol (Sofiia)** 1985;24(2):1-8 (51 ref.) **(Bul)**

[Spectrophotometric characteristics of the amniotic fluid in Rh isoimmunization pregnancy in relation to the therapy performed] Matrova Ts, et al. **Akush Ginekol (Sofiia)** 1984; 23(4):324-7 (Eng. Abstr.) **(Bul)**

[The dynamic ultrasonic picture in obstetrical diagnosis] Křikal Z, et al. **Cesk Gynekol** 1984 Aug;49(7):479-80 **(Cze)**

[Cytologic screening in pregnancy (letter)] **Ugeskr Laeger** 1984 Apr 30;146(18):1373-4 **(Dan)**

[Pruritic urticarial papules and plaques of pregnancy] Lindskov R, et al. **Ugeskr Laeger** 1985 Mar 25; 147(13):1122-3 (Eng. Abstr.) **(Dan)**

[Torsion of the uterus with placental separation] Persson M, et al. **Ugeskr Laeger** 1984 Jul 2;146(27):2019-20 (Eng. Abstr.) **(Dan)**

[Aseptic bone necrosis of the femur head in pregnancy] Breederveld RS, et al. **Ned Tijdschr Geneeskd** 1984 Jul 14; 128(28):1330-3 (Eng. Abstr.) **(Dut)**

[Undetected phenylketonuria in a family] Dijkhuis HJ, et al. **Ned Tijdschr Geneeskd** 1985 Jan 12;129(2):65-8 (Eng. Abstr.) (Dut)

[Congenital diaphragmatic hernia (Bochdalek) in adults and in pregnancy] Kitslaar PJ. **Ned Tijdschr Geneeskd** 1984 Jul 21;128(29):1377-80 (Eng. Abstr.) (Dut)

[Anuria in pregnancy, an unusual form of obstruction of the upper urinary tract] Lucas G, et al. **Ann Urol (Paris)** 1984 Sep;18(5):352-5 (Eng. Abstr.) (Fre)

[Pregnancy and lithiasis of the upper urinary tract. Clinical aspects and therapeutic management] Aubert J, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(1):77-84 (Eng. Abstr.) (Fre)

[Edema in pregnancy. Calculation of the contents of maternal cells] Dumont M, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):875-80 (Eng. Abstr.) (Fre)

[Steinert disease and pregnancy] Monnier JC, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(5):541-8 (Eng. Abstr.) (Fre)

[O'Gilvie's syndrome in obstetrics. Review of the literature, apropos of a case] Vercoustre L, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(4):507-14 (Eng. Abstr.) (Fre)

[Management of fever during pregnancy] el Bakali-el Kassimi A, et al. **Maroc Med** 1985 Jun;7(2):604-11 (Eng. Abstr.) (Fre)

[Acute hepatic steatosis in pregnancy] Bernuau J. **Presse Med** 1985 Jun 29;14(26):1407-8 (Fre)

[Prognosis of decidual hematomas or ovular detachments discovered by echography during the 1st trimester of pregnancy] Vitse M, et al. **Rev Fr Gynecol Obstet** 1984 Dec;79(12):771-5 (Eng. Abstr.) (Fre)

[Nephropathy and pregnancy] Wauters JP. **Rev Med Suisse Romande** 1984 Aug;104(8):583-7 (11 ref.) (Fre)

[Bacteriuria and pyelonephritis in pregnancy] Zwahlen A. **Rev Med Suisse Romande** 1984 Aug;104(8):577-82 (29 ref.) (Fre)

[Multiply pregnancy] Essid DM, et al. **Tunis Med** 1983 Jul-Aug;61(4):247-9 (Eng. Abstr.) (Fre)

[First examination of neonates. Results of early diagnostic documentation] Allhoff P, et al. **Dtsch Med Wochenschr** 1985 Jan 18;110(3):91-6 (Eng. Abstr.) (Ger)

[Crohn disease and ulcerative colitis. Frequency, familial occurrence and pregnancy course] Küster W, et al. **Ergeb Inn Med Kinderheilkd** 1984;53:103-32 (230 ref.) (Ger)

[Pregnancy in a patient with immotile cilia syndrome (Kartagener syndrome)] Amsler P, et al. **Geburtshilfe Fraunheilkd** 1985 Mar;45(3):183-5 (Eng. Abstr.) (Ger)

[Observations on the temporal sequence of reported pregnancy risks] Elser H, et al. **Geburtshilfe Fraunheilkd** 1984 Oct;44(10):659-64 (Eng. Abstr.) (Ger)

[Spontaneous liver rupture in pregnancy] Loewenthal D. **Geburtshilfe Fraunheilkd** 1984 Dec;44(12):819-20 (Eng. Abstr.) (Ger)

[Definition, classification and evaluation of risk factors in obstetrics and pediatrics] Schier E. **Padiatr Grenzgeb** 1984; 23(5):261-9 (Eng. Abstr.) (Ger)

[Prechtl's optimal concept--a review; with conclusions for medical practice] Schier E. **Padiatr Grenzgeb** 1984; 23(5):271-9 (Eng. Abstr.) (Ger)

[Prognostic significance of risk factors in pregnancy. II. Risk status at onset of labor] Elser H, et al. **Z Geburtshilfe Perinatol** 1984 Sep-Oct;188(5):209-12 (Eng. Abstr.) (Ger)

[Prognostic significance of risk factors in pregnancy. I. Observations of onset and duration of observed pregnancy risks] Elser H, et al. **Z Geburtshilfe Perinatol** 1984 Sep-Oct; 188(5):201-8 (Eng. Abstr.) (Ger)

[Indications and methods for kidney sonography and isotope renography in pregnancy] Fischer W, et al. **Zentralbl Gynakol** 1984;106(14):973-80 (Eng. Abstr.) (Ger)

[Recommendation for a systematic solution of documenting findings in obstetrical and gynecologic ultrasound diagnosis] Issel EP, et al. **Zentralbl Gynakol** 1985; 107(6):381-6 (Eng. Abstr.) (Ger)

[Timely diagnosis and successful therapy of a fetal cardiac arrhythmia. Clinical case contribution to prenatal diagnosis] Krenz M, et al. **Zentralbl Gynakol** 1985;107(11):700-4 (Eng. Abstr.) (Ger)

[Significance of ultrasound B image diagnosis as a screening method in pregnancy] Schmidt J. **Zentralbl Gynakol** 1984; 106(19):1301-8 (Eng. Abstr.) (Ger)

[Specific dermatoses of pregnancy] Alcalay J, et al. **Harefuah** 1985 Jan 15;108(2):61-4 (Eng. Abstr.) (Heb)

[Gynecologic and obstetrical ultrasonography during heat treatment] Pulanco M, et al. **Minerva Ginecol** 1985 Jan-Feb; 37(1-2):17-26 (Eng. Abstr.) (Ita)

[Coexistence of intra- and extra-uterine pregnancy. Presentation of a case] Battaglia S, et al. **Radiol Med (Torino)** 1985 Mar;71(3):166-7 (Ita)

[Clinical evaluation of obstetrical and gynecological magnetic resonance imaging (MRI)] Iio M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jun;37(6):1030-5 (Jpn)

[Evaluation of biochemical tests during pregnancy] Takagi S. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Sep; 36(9):1405-6 (Jpn)

[Ultrasound diagnosis in obstetrics] Kobayashi M. **Rinsho Hoshasen** 1984 Oct;29(11 Suppl):1305-13 (Jpn)

[Case of delayed splenic rupture in a pregnant woman] Krasnodebski J, et al. **Ginekol Pol** 1984 Jul;55(7):531-3 (Eng. Abstr.) (Pol)

[Safety, purpose, usefulness and effectiveness of diagnostic and therapeutic procedures in obstetrical and gynecological practice] Zrubek H. **Ginekol Pol** 1984 Nov;55(11):867-73 (Eng. Abstr.) (Pol)

[Idiopathic acute fatty liver in pregnancy. Clinico-pathological study of 3 cases] Rocha LO, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Nov-Dec; 39(6):272-7 (Eng. Abstr.) (Por)

[Activities of the consultation department for prenatal diagnosis] Rymashevskii NV, et al. **Akush Ginekol (Mosk)** 1985 May;(5):62-3 (Rus)

[Prognosis of fetal status in a complicated course of pregnancy: the possibilities of cardiotocography and of assessing fetal respiratory activity] Voronin KV, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):36-8 (Eng. Abstr.) (Rus)

[Marfan syndrome in a pregnant woman] Korolenko AB, et al. **Klin Med (Mosk)** 1985 Mar;63(3):108-10 (Rus)

[Acute intermittent porphyria] Tregubova KhL, et al. **Klin Med (Mosk)** 1985 Jun;63(6):124-6 (Rus)

[Endoscopy in diseases of upper segments of the digestive tract in pregnant women] Filimonov RM, et al. **Sov Med** 1985;(1):78-80 (Rus)

[Late results of pregnancy and labor in myasthenia patients] Dogel' LV, et al. **Zh Nevropatol Psikhiatr** 1984; 84(11):1609-13 (Eng. Abstr.) (Rus)

[Simultaneous ultrasound and vaginal or rectal examination] Bulić M. **Jugosl Ginekol Opstet** 1984 May-Aug; 24(3-4):67-8 (Eng. Abstr.) (Scr)

[The importance of ultrasonic diagnosis in hemorrhage during pregnancy after the 14th week of gestation] Dukić M, et al. **Med Pregl** 1983;36(11-12):533-5 (Eng. Abstr.) (Scr)

[Hyperthyroidism and pregnancy] Hernández TH, et al. **Ginecol Obstet Mex** 1983 Nov;51(319):297-300 (Eng. Abstr.) (Spa)

[Sweet's syndrome: unusual associations. Apropos of 2 cases] Domingo P, et al. **Med Clin (Barc)** 1984 Jun 30;83(5):205-8 (Eng. Abstr.) (Spa)

[Clinical and laboratory characterization in 100 cases of pregnancy cholestasis] López J, et al. **Rev Chil Obstet Ginecol** 1982;47(4):215-21 (Eng. Abstr.) (Spa)

DIET THERAPY

Efficacy of a food supplement in correcting riboflavin deficiency in pregnant Gambian women. Bates CJ, et al. **Hum Nutr Clin Nutr** 1984 Sep;38(5):363-74

Maternal phenylketonuria and phenylalanine restricted diet. Studies of 7 pregnancies and of offsprings produced. Murphy D, et al. **Ir J Med Sci** 1985 Feb;154(2):66-70

Women with phenylketonuria: successful management of pregnancy and implications. Bush RT, et al. **NZ Med J** 1985 Mar 27;98(775):181-3

Moderate caloric restriction in obese women with gestational diabetes. Algert S, et al. **Obstet Gynecol** 1985 Apr; 65(4):487-91

[Constipation during pregnancy. Treatment with Dumovital fiber tablets] Gregersen E. **Ugeskr Laeger** 1985 Jan 7; 147(2):91-3 (Eng. Abstr.) (Dan)

[Dietary treatment of women with Følling's disease. A review of current experiences and future perspectives] Nielsen KB. **Ugeskr Laeger** 1985 Jan 21;147(4):246-9 (Eng. Abstr.) (Dan)

DRUG THERAPY

Pregnancy, fertility, and inflammatory bowel disease. Korelitz BI. **Am J Gastroenterol** 1985 May;80(5):365-70

The presence of cyclosporine in body tissues and fluids during pregnancy. Flechner SM, et al. **Am J Kidney Dis** 1985 Jan;5(1):60-3

The fetal valproate syndrome. DiLiberti JH, et al. **Am J Med Genet** 1984 Nov;19(3):473-81

Genetic background: the elusive component in the fetal hydantoin syndrome. Finnell RH, et al. **Am J Med Genet** 1984 Nov;19(3):459-62

Teratogenicity of anticonvulsant drugs. I: Review of the literature. Kelly TE. **Am J Med Genet** 1984 Nov; 19(3):413-34 (127 ref.)

Teratogenicity of anticonvulsant drugs. IV: The association of clefting and epilepsy. Kelly TE, et al. **Am J Med Genet** 1984 Nov;19(3):451-8

Teratogenicity of anticonvulsant drugs. II: A prospective study. Kelly TE, et al. **Am J Med Genet** 1984 Nov; 19(3):435-43

Effect of treatment with sodium valproate on plasma adrenocorticotropic hormone and cortisol concentrations in pregnancy. Hatjis CG, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):315-6

Anticonvulsant drug therapy in human pregnancy: effects on serum concentrations of vitamin D metabolites in maternal and cord blood. Markestad T, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):254-8

Inadequate treatment of syphilis in pregnancy. Mascola L, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):945-7

Suitable alternatives to Debendox for morning sickness in pregnancy. Crisafi B, et al. **Aust Fam Physician** 1985 May; 14(5):417-8

Ethosuximide in epileptic women during pregnancy and lactation period. Placental transfer, serum concentrations in nursed infants and clinical status. Kuhnz W, et al. **Br J Clin Pharmacol** 1984 Nov;18(5):671-7

Management of pseudohypoparathyroidism in pregnancy. Case report. O'Donnell D, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):639-41

Antirheumatic drugs in pregnancy and lactation [editorial] Kay A. **Br J Rheumatol** 1985 Aug;24(3):230-1

Antirheumatic medication in pregnancy. Needs CJ, et al. **Br J Rheumatol** 1985 Aug;24(3):282-90 (68 ref.)

Valproic acid therapy and neural tube defects. Garden AS, et al. **Can Med Assoc J** 1985 Apr 15;132(8):933, 936

Levodopa during pregnancy. Cook DG, et al. **Clin Neuropharmacol** 1985;8(1):93-5

Anticonvulsant use during pregnancy. Stumpf DA. **Clin Ther** 1985;7(2):258-65

Effects of pregnancy on antiepileptic drug utilization. Levy RH, et al. **Epilepsia** 1985;26 Suppl 1:S52-7

Effect of folic acid supplementation on congenital malformations due to anticonvulsive drugs. Biale Y, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Nov;18(4):211-6

Adrenocortical reserve of neonates born of long-term, steroid-treated mothers. Arad I, et al. **Eur J Pediatr** 1984 Sep;142(4):279-80

Absence of teratogenicity of indomethacin in ovarian hyperstimulation syndrome. Katz Z, et al. **Int J Fertil** 1984; 29(3):186-8

Folk medicine in Tonga. A study of the use of herbal medicines for obstetric and gynaecological conditions and disorders. Singh YN, et al. **J Ethnopharmacol** 1984 Dec; 12(3):305-29

Restoration of brain growth in fetal sheep after iodized oil administration to pregnant iodine-deficient ewes. Potter BJ, et al. **J Neurol Sci** 1984 Oct;66(1):15-26

Relationship of prospective diabetes control in pregnancy to neonatal cardiorespiratory function. Reller MD, et al. **J Pediatr** 1985 Jan;106(1):86-90

Splenic hemorrhage in a neonate of a mother on anticonvulsant therapy. Traggis DG, et al. **J Pediatr Surg** 1984 Oct;19(5):598-9

Dosage of phenytoin during pregnancy [letter] Freed CR, et al. **JAMA** 1985 May 17;253(19):2833-4

Hematin therapy in acute porphyria [letter] Loftin EB 3d. **JAMA** 1985 Aug 2;254(5):613

Debendox and pregnancy [letter] **Med J Aust** 1984 Oct 13; 141(8):546-7

Management of asthma during pregnancy [letter] **N Engl J Med** 1985 Aug 22;313(8):517-8

Current concepts. Seizure disorders and pregnancy. Dalessio DJ. **N Engl J Med** 1985 Feb 28;312(9):559-63 (28 ref.)

Management of medical problems in pregnancy--inflammatory bowel disease. Donaldson RM Jr. **N Engl J Med** 1985 Jun 20;312(25):1616-9 (42 ref.)

Current concepts. Management of asthma during pregnancy. Greenberger PA, et al. **N Engl J Med** 1985 Apr 4; 312(14):897-902 (73 ref.)

Seizure disorders and pregnancy [letter] Seeler RA. **N Engl J Med** 1985 Jun 27;312(26):1706-7

Examination of infants for both minor and major malformations to evaluate for possible teratogenic exposures. Holmes LB, et al. **Prog Clin Biol Res** 1985; 163B:59-63

Neonatal behaviour disturbances in infants of epileptic women treated during pregnancy. Koch S, et al. **Prog Clin Biol Res** 1985;163B:453-61

Drugs in pregnancy: assessment of Parlodel. Krupp P, et al. **Prog Clin Biol Res** 1985;163C:211-3

The influence of antiepileptic drugs on minor anomalies in the offspring of epileptic parents. Rating D, et al. **Prog Clin Biol Res** 1985;163C:57-60

Psychotropics during pregnancy and lactation: a review. Calabrese JR, et al. **Psychosomatics** 1985 May;26(5):413-6, 424-6

Antirheumatic drug treatment during pregnancy and lactation. Ostensen M, et al. **Scand J Rheumatol** 1985; 14(1):1-7 (53 ref.)

[Use of valproic acid by pregnant women with epilepsy and the risk of congenital abnormalities in the child] Niermeijer MF. **Ned Tijdschr Geneeskd** 1984 Dec 29;128(52):2460-1 (Dut)

[Lithium and pregnancy; psychiatric aspects] van Gent EM, et al. **Ned Tijdschr Geneeskd** 1984 Nov 3;128(44):2089-92 (Eng. Abstr.) (Dut)

[Lithium and pregnancy; recommended guidelines] van Haaften M, et al. **Ned Tijdschr Geneeskd** 1984 Nov 3; 128(44):2103-5 (Dut)

[A newborn infant with amitriptyline poisoning] Vree PH, et al. **Ned Tijdschr Geneeskd** 1985 May 11;129(19):910-2 (Eng. Abstr.) (Dut)

[Primperan during pregnancy] Saad Zoi R. **Ann Gastroenterol Hepatol (Paris)** 1985 May 28;21(2 Pt 2):21-2 (Eng. Abstr.) (Fre)

[Antithyroid drug therapy in pregnancy. An indication for pregnancy interruption based on fetal indications?] Wisser J, et al. **Geburtshilfe Frauenheilkd** 1985 Jun;45(6):367-70 (Eng. Abstr.) (Ger)

[Carnitine for the stimulation of fetal lung maturation. Clinical case report] Salzer H, et al. **Gynakol Rundsch** 1985; 25(2):72-85 (Ger)

[Congenital ichthyosiforme erythroderma, pregnancy under aromatic retinoid treatment] Jäger K, et al. **Hautarzt** 1985 Mar;36(3):150-3 (Eng. Abstr.) **(Ger)**

[Risks of asthma drug therapy in pregnancy] Fabel G, et al. **Prax Klin Pneumol** 1984 Aug;38(8):320-8 **(Ger)**

[Pregnancy and childbirth in a mother with active histiocytosis] Tapià JE, et al. **Schweiz Med Wochenschr** 1985 Jul 27;115(30):1060-4 (Eng. Abstr.) **(Ger)**

[Risk of malformation in anticonvulsant therapy in pregnancy] Rating D. **Schweiz Rundsch Med Prax** 1985 Jun 11;74(24):655-9 (Eng. Abstr.) **(Ger)**

[Urinary enzyme excretion in cephalothin therapy in pregnancy] Balogh A, et al. **Zentralbl Gynakol** 1985; 107(2):90-7 (Eng. Abstr.) **(Ger)**

[Corticosteroids in the pregnant asthmatic patient] Levin S, et al. **Harefuah** 1984 Jul;107(1-2):19-20 (Eng. Abstr.) **(Heb)**

[Pharmacotherapeutic guidance for pregnant patients with dental pathology] Portaleone P, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):329-32 (Eng. Abstr.) **(Ita)**

[Epilepsy and pregnancy] Arkhangel'skiĭ AE. **Akush Ginekol (Mosk)** 1984 Dec;(12):63-6 **(Rus)**

[Effects of a salt mixture on the state of the mother, fetus and newborn in experimental hypoxia] Tarakhovskiĭ ML, et al. **Fiziol Zh** 1985 Mar-Apr;31(2):175-80 (Eng. Abstr.) **(Rus)**

[Hazards of drug use in the perinatal period] Marianovich A, et al. **Pediatriia** 1984 Dec;(12):49-52 **(Rus)**

[Effect of cortisol administration on the fate of nitrogen in malnourished pregnant rats] Goñi I, et al. **Arch Farmacol Toxicol** 1985 Apr;11(1):47-53 (Eng. Abstr.) **(Spa)**

[Epilepsy, anticonvulsants and pregnancy] Guzmán Toledano R, et al. **Ginecol Obstet Mex** 1984 Sep;52(329):225-6 (Eng. Abstr.) **(Spa)**

[Treatment of pregnant epileptics with carbamazepine. Preliminary report] Sereno Colo JA, et al. **Ginecol Obstet Mex** 1984 Sep;52(329):231-5 (Eng. Abstr.) **(Spa)**

[Effect of silymarin in intrahepatic cholestasis of pregnancy (preliminary communication)] Hernández R, et al. **Rev Chil Obstet Ginecol** 1982;47(1):22-9 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Relationship between human serum placental alkaline phosphatase and the ABo and Rh compatibility status in pregnancy. Lucarelli P, et al. **Biol Res Pregnancy Perinatol** 1985;6(2):89-93

Serial estimation of serum angiotensin converting enzyme activity during and after pregnancy in a woman with sarcoidosis. Erskine KJ, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):269-70

Human placental thyroxine inner ring monodeiodinase in complicated pregnancy. Yoshida K, et al. **Metabolism** 1985 Jun;34(6):535-8

ETIOLOGY

Acute urinary retention in first trimester of pregnancy. Hansen JH, et al. **Acta Obstet Gynecol Scand** 1985; 64(3):279-80

Torsion of the fallopian tube during pregnancy. Isager-Sally L, et al. **Acta Obstet Gynecol Scand** 1985;64(4):349-51

The course of pregnancy following spontaneous abortion. Rud B, et al. **Acta Obstet Gynecol Scand** 1985;64(3):277-8

Drinking and reproductive dysfunction among women in a 1981 national survey. Wilsnack SC, et al. **Alcoholism (NY)** 1984 Sep-Oct;8(5):451-8

Biologic and morphologic development of donated human ova recovered by nonsurgical uterine lavage. Buster JE, et al. **Am J Obstet Gynecol** 1985 Sep 15;153(2):211-7

Report of a successful delivery after nonsurgical management of a choriocarcinoma-related pelvic arteriovenous fistula. Chapman DR, et al. **Am J Obstet Gynecol** 1985 Sep 15; 153(2):155-7

Associations between unfavorable outcomes in successive pregnancies. Miller HC, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):20-4

Polyhydramnios and obstructive renal failure: a case report and review of the literature. Vintzileos AM, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):883-5

Anaphylactoid reaction to oxytocin in pregnancy. Slater RM, et al. **Anaesthesia** 1985 Jul;40(7):655-6

Pregnancy outcome after combined amputation and conization of the uterine cervix. Myllynen L, et al. **Ann Chir Gynaecol** 1984;73(6):345-9

Blepharoptosis as a complication of pregnancy. Sanke RF. **Ann Ophthalmol** 1984 Aug;16(8):720-2

Cigarette smoking, alcohol consumption and fetal outcome in Tasmania 1981-82. Lumley J, et al. **Aust NZ J Obstet Gynaecol** 1985 Feb;25(1):33-40

Acute renal failure presenting in pregnancy secondary to idiopathic hydronephrosis. Lewis GJ, et al. **Br Med J [Clin Res]** 1985 Apr 27;290(6477):1250-1

Maternal perinatal risk factors and child abuse. Benedict MI, et al. **Child Abuse Negl** 1985;9(2):217-24

Addicted mothers and their children: a case for coordinated welfare services. Merrick J. **Child Care Health Dev** 1985 May-Jun;11(3):159-69

Addisons's disease in pregnancy. Pirisi G, et al. **Clin Exp Obstet Gynecol** 1984;11(4):158-60

Complications of multiple gestation. Mueller-Heubach E. **Clin Obstet Gynecol** 1984 Dec;27(4):1003-13

Smoking during pregnancy. Gordon CC Jr. **Del Med J** 1985 Jul;57(7):455-9

Alcoholic ketoacidosis in pregnancy: a case report and review. Sammarco MJ. **Del Med J** 1985 May;57(5):317-20

Recurrent jaundice caused by recurrent hyperemesis gravidarum. Larrey D, et al. **Gut** 1984 Dec;25(12):1414-5

Virilization during pregnancy due to bilateral hyperthecosis. A case report. Erkkola R, et al. **Horm Res** 1985;21(2):83-7

Velamentous insertion of the umbilical cord and vasa previa. Paavonen J, et al. **Int J Gynaecol Obstet** 1984 Jun; 22(3):207-11

Crohn's disease and pregnancy. Fielding JF. **Ir J Med Sci** 1985 Feb;154(2):59-60

Blunt and penetrating trauma during pregnancy: four cases. Timms MR, et al. **J Med Assoc Ga** 1985 Mar;74(3):158-61

Fetal hydrocephalus and ear anomalies associated with maternal use of isotretinoin. Lott IT, et al. **J Pediatr** 1984 Oct;105(4):597-600

Reliability of retrospective estimates of alcohol consumption during pregnancy by recovering women alcoholics. Blumhagen JM, et al. **J Stud Alcohol** 1985 Jan;46(1):86-8

Consequences for subsequent pregnancies of bacteriuria in schoolgirls [letter] Selkon JB, et al. **Lancet** 1984 Nov 17; 2(8412):1154

The influence of diet on morning sickness: a cross-cultural study. Minturn L, et al. **Med Anthropol** 1984 Winter; 8(1):71-5

Physical abuse in pregnancy. Hillard PJ. **Obstet Gynecol** 1985 Aug;66(2):185-90

Pseudotumor cerebri in pregnancy. Case reports and review of literature. Peterson CM, et al. **Obstet Gynecol Surv** 1985 Jun;40(6):323-9

Obstetric risks in obesity. An analysis of the literature. Ruge S, et al. **Obstet Gynecol Surv** 1985 Feb;40(2):57-60 (33 ref.)

Smoking and pregnancy: I. Maternal and placental risks. McIntosh ID. **Public Health Rev** 1984;12(1):1-28

Gallbladder disease related to use of oral contraceptives and nausea in pregnancy. Järnfelt-Samsioe A, et al. **South Med J** 1985 Sep;78(9):1040-3

Thermal injury in the pregnant patient. Amy BW, et al. **Surg Gynecol Obstet** 1985 Sep;161(3):209-12

[Chronic inflammatory intestinal disease and pregnancy] Andreasson B, et al. **Ugeskr Laeger** 1984 Jun 4; 146(23):1708-10 (Eng. Abstr.) **(Dan)**

[Marfan's syndrome. Life threatening complication in pregnancy (letter)] Asmussen I. **Ugeskr Laeger** 1985 Apr 15;147(16):1346-7 **(Dan)**

[Rupture of the pregnant uterus after salpingectomy] Bitsch M. **Ugeskr Laeger** 1985 Jan 7;147(2):105 (Eng. Abstr.) **(Dan)**

[Anorexia nervosa. Pregnancies occurring before, during and after anorexia nervosa] Brinch M, et al. **Ugeskr Laeger** 1985 Jan 21;147(4):292-6 (Eng. Abstr.) **(Dan)**

[Chronic inflammatory intestinal disease and pregnancy] Damgaard B, et al. **Ugeskr Laeger** 1984 Jun 4; 146(23):1701-4 (Eng. Abstr.) **(Dan)**

[Crohn disease and pregnancy] Damgaard B, et al. **Ugeskr Laeger** 1984 Jun 4;146(23):1711-4 (Eng. Abstr.) **(Dan)**

[Ulcerative colitis and pregnancy] Orholm M, et al. **Ugeskr Laeger** 1984 Jun 4;146(23):1704-7 (Eng. Abstr.) **(Dan)**

[Paroxysmal junctional reciprocal tachycardia and fetoplacental anasarca] Maurier F, et al. **Arch Mal Coeur** 1985 Feb;78(2):275-8 (Eng. Abstr.) **(Fre)**

[Exstrophy of the bladder and pregnancy] Body G, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(5):549-55 (Eng. Abstr.) **(Fre)**

[Mycoplasma infection: a disease of reproduction? Apropos of 271 cases] Jahier J, et al. **Rev Fr Gynecol Obstet** 1985 Feb;80(2):79-86 (Eng. Abstr.) **(Fre)**

[Pregnancy and delivery in adolescents. Apropos of 112 case reports] Vinatier D, et al. **Rev Fr Gynecol Obstet** 1984 Jul-Sep;79(7-9):549-54 (Eng. Abstr.) **(Fre)**

[Significance of pregnancy and labor complications for the genesis of brain function disorders. Results of an epidemiologic study of 8-year-old children] Esser G, et al. **Geburtshilfe Frauenheilkd** 1985 Mar;45(3):161-6 (Eng. Abstr.) **(Ger)**

[Social medicine evaluation of women employed while pregnancy] Grosspietzsch R, et al. **Off Gesundheitswes** 1984 Nov;46(11):549-53 **(Ger)**

[Pregnancy with ventriculoperitoneal drainage in hydrocephalus internus] Riehn A, et al. **Zentralbl Gynakol** 1985;107(2):110-2 (Eng. Abstr.) **(Ger)**

[Pregnancy in a worker exposed to lead] Valentino M, et al. **Med Lav** 1984 Jul-Aug;75(4):296-9 (Eng. Abstr.) **(Ita)**

[Echographic and anatomo-pathologic aspects of a blighted ovum. Clinical and prognostic importance] Borruto F, et al. **Minerva Ginecol** 1984 Jul-Aug;36(7-8):413-7 (Eng. Abstr.) **(Ita)**

[Acute renal insufficiency in pregnancy. A case of the uremic-hemolytic syndrome in the post-partum period] Federico S, et al. **Minerva Ginecol** 1984 Jul-Aug; 36(7-8):395-8 (Eng. Abstr.) **(Ita)**

[Medical errors in obstetrics] Marek Z. **Ginekol Pol** 1984 Aug;55(8):545-52 **(Pol)**

[Pregnancy and labor in women with solitary kidney--20-year observations] Zbroja-Sontag W, et al. **Pol Tyg Lek** 1984 Oct 1-8;39(40-41):1313-7 (Eng. Abstr.) **(Pol)**

[Adrenal hyperandrogenism and its obstetrical aspects] Liashko ES. **Akush Ginekol (Mosk)** 1985 Feb;(2):7-10 **(Rus)**

[Pathogenesis of obesity in pregnancy] Makarov IA, et al. **Akush Ginekol (Mosk)** 1985 May;(5):65-6 **(Rus)**

[The hypothalamo-hypophyseal-gonadal system and sexual function of women with Cushing's syndrome] Cheban AK, et al. **Probl Endokrinol (Mosk)** 1984 Sep-Oct;30(5):86-91 (108 ref.) **(Rus)**

[Uterine prolapse in a primigesta] Sepúlveda W, et al. **Rev Chil Obstet Ginecol** 1984;49(2):111-4 (Eng. Abstr.) **(Spa)**

[Typhic intestinal perforation and pregnancy] Vantman D, et al. **Rev Chil Obstet Ginecol** 1981;46(6):315-9 (Eng. Abstr.) **(Spa)**

[Connective tissue diseases and pregnancy] Ballesteros JA, et al. **Rev Clin Esp** 1984 Sep 15;174(5):139-42 (32 ref.) **(Spa)**

[Data display screen operators during pregnancy--no conclusive evidence for damage to fetus] Edström R, et al. **Lakartidningen** 1985 Feb 27;82(9):687-8 **(Swe)**

FAMILIAL & GENETIC

Two pregnancies and the loss of the 46,XX cell line in a 45,X/46,XX Turner mosaic patient. McCorquodale MM, et al. **Fertil Steril** 1985 Feb;43(2):229-33

Myotonic dystrophy: obstetric and neonatal complications. Sun SF, et al. **South Med J** 1985 Jul;78(7):823-6

IMMUNOLOGY

Complement system in abnormal pregnancy and chorionic neoplasia: immunotherapy and chemotherapy of chorionic neoplasia. Ohkawa R, et al. **Adv Exp Med Biol** 1984; 176:111-25

Congenital complete heart block and SSA antibodies: obstetric implications. Singsen BH, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):655-8

Some predisposing factors to hypersensitivity reactions following first exposure to Althesin. Simpson PJ, et al. **Anaesthesia** 1985 May;40(5):420-3

A predicted case with neonatal transient hypothyroidism due to blocking type thyrotropin binding inhibitor immunoglobulins (TBII). Ishihara T, et al. **Endocrinol Jpn** 1985 Feb;32(1):189-94

The significance of human leukocyte antigen profiles in human infertility, recurrent abortion, and pregnancy disorders. Menge AC, et al. **Fertil Steril** 1985 May; 43(5):693-5

Immunological aspects of pathological pregnancy (infertility immunology). Mettler L, et al. **Gynecol Obstet Invest** 1984; 18(6):281-8

Fetoplacental physiology in relation to metabolic diseases. Faulk WP. **J Inherited Metab Dis** 1984;7(4):172-4 (33 ref.)

Abnormal expression of HLA-DR antigen in the placenta of a patient with pemphigoid gestationis. Borthwick GM, et al. **J Reprod Immunol** 1984 Dec;6(6):393-6

Maternal connective tissue disease and congenital heart block. Demonstration of immunoglobulin in cardiac tissue. Litsey SE, et al. **N Engl J Med** 1985 Jan 10;312(2):98-100

Antibody to cardiolipin as a predictor of fetal distress or death in pregnant patients with systemic lupus erythematosus. Lockshin MD, et al. **N Engl J Med** 1985 Jul 18;313(3):152-6

Pregnancy-associated depression of cell-mediated immunity. Weinberg ED. **Rev Infect Dis** 1984 Nov-Dec;6(6):814-31 (183 ref.)

[Functional state of the lymphoid system in children born to healthy mothers and to those with a risk of perinatal pathology] Stepanova EI, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):62-4 (Eng. Abstr.) **(Rus)**

METABOLISM

Acetaldehyde and alcohol levels in pregnant rats and their fetuses. Guerri C, et al. **Alcohol** 1985 Mar-Apr;2(2):267-70

Calcium metabolism in pregnancy and the perinatal period: a review. Pitkin RM. **Am J Obstet Gynecol** 1985 Jan 1; 151(1):99-109 (135 ref.)

The effect of heavy maternal alcohol intake on amniotic fluid phospholipids in late pregnancy. Halvorsen PR, et al. **Am J Perinatol** 1985 Jul;2(3):173-7

Evaluation and correlation of hormone levels in normal and pathologic pregnancies. Bartl W, et al. **Biol Res Pregnancy Perinatol** 1984;5(4):143-8

Salivary female sex hormone levels and gingivitis in pregnancy. Zaki K, et al. **Biomed Biochim Acta** 1984; 43(6):749-54

Amniotic fluid prostaglandins do not reflect human fetal lung maturation. Cvetkovic M, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):93-6

Thromboxane A2 and prostacyclin levels in molar pregnancy [letter] Greer IA, et al. **Br J Obstet Gynaecol** 1985 Jun; 92(6):652

Excessive testosterone secretion in pregnancy. Case report. Hague WM, et al. **Br J Obstet Gynaecol** 1985 Feb; 92(2):173-8

Influence of protein-calorie malnutrition on the pharmacokinetics, placental transfer and tissue localization of dexamethasone in rats. Varma DR, et al.

Br J Pharmacol 1984 Sep;83(1):131–7

Bioavailability and pharmacokinetics of phenytoin during pregnancy. Lander CM, et al. **Eur J Clin Pharmacol** 1984; 27(1):105–10

Effect of acute maternal starvation on tyrosine metabolism and protein synthesis in fetal sheep. Krishnamurti CR, et al. **Growth** 1984 Winter;48(4):391–403

Effect of maternal starvation on fetal tissue nucleic acid, plasma amino acid and growth hormone concentration in sheep. Schaefer AL, et al. **Growth** 1984 Winter;48(4):404–14

Morning sickness and vitamin B6 status of pregnant women. Schuster K, et al. **Hum Nutr Clin Nutr** 1985 Jan;39(1):75–9

Pregnancy in xanthinuria: demonstration of fetal uric acid production? Simmonds HA, et al. **J Inherited Metab Dis** 1984;7(2):77–9

Altered methadone pharmacokinetics in methadone-maintained pregnant women. Pond SM, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):1–6

Protein-energy malnutrition during pregnancy alters caffeine's effect on brain tissue of neonate rats. Mori M, et al. **Life Sci** 1984 Dec 17;35(25):2553–60

Effects of pregnancy on seizure threshold and the disposition and efficacy of antiepileptic drugs in the mouse. Nau H, et al. **Life Sci** 1985 Feb 18;36(7):663–9

Lead mobilization during pregnancy [letter] Thompson GN, et al. **Med J Aust** 1985 Aug 5;143(3):131

Effect of alcoholization upon the maternal and fetal hepatic DNA and the maternal serum-proteins in pregnant albino rats. Gârban Z, et al. **Morphol Embryol (Bucur)** 1985 Jan–Mar;31(1):9–16

Amniotic fluid glucose values in normal and abnormal pregnancies. Weiss PA, et al. **Obstet Gynecol** 1985 Mar; 65(3):333–9

Prenatal stress: effect on development of rat brain adrenergic receptors. Peters DA. **Pharmacol Biochem Behav** 1984 Sep; 21(3):417–22

Fetal glycerol metabolism in experimental maternal lipemia. Wapnir RA, et al. **Proc Soc Exp Biol Med** 1985 Apr; 178(4):546–50

Primary hyperparathyroidism, pregnancy, and neonatal hypocalcemia. Kaplan EL, et al. **Surgery** 1984 Oct; 96(4):717–22

[Prostacyclin and thromboxane in obstetrics] Mäkilä UM, et al. **Duodecim** 1984;100(16):1065–71 **(Fin)**

[Human chorionic gonadotropin and its subunits in normal and pathologic pregnancies] Gaspard U, et al. **Ann Endocrinol (Paris)** 1984;45(4–5):269–80 (66 ref.) (Eng. Abstr.) **(Fre)**

[Is amniotic fluid prolactin an osmoregulatory hormone of clinical importance?] Pahnke VG, et al. **Geburtshilfe Frauenheilkd** 1985 Jul;45(7):462–9 (Eng. Abstr.) **(Ger)**

[Pregnancy and drug dependence] Clementi F, et al. **Minerva Med** 1985 Mar 24;76(12):563–6 (Eng. Abstr.) **(Ita)**

[Properdin levels in the amniotic fluid, maternal venous and umbilical cord blood serum in complicated pregnancy] Orlik-Runge T, et al. **Ginekol Pol** 1984 Apr;55(4):243–8 (Eng. Abstr.) **(Pol)**

[Features of the histotopography of proteins in human chorionic and placental tissues at different stages of normal and pathologic development] Brusilovskiĭ AI, et al. **Arkh Anat Gistol Embriol** 1984 Nov;87(11):14–23 (Eng. Abstr.) **(Rus)**

[Penetration and accumulation of 14C-ethanol in the brain and liver of female rats exposed to long-term alcohol and in the tissue of the fetus] Maĭzelis MIa, et al. **Zh Nevropatol Psikhiatr** 1985;85(7):1000–3 (Eng. Abstr.) **(Rus)**

[Proteins and protein hormones of the placenta in high-risk pregnancy. Experimental and clinical study] Sulović V. **Glas Srp Akad Nauka [Med]** 1981;(33):35–56 (Eng. Abstr.) **(Scc)**

[Obstetric acute fatty liver] Bianchi R, et al. **Rev Chil Obstet Ginecol** 1983;48(2):108–15 (Eng. Abstr.) **(Spa)**

[[The effect of gastrointestinal diseases on fertility, pregnancy and breast feeding. Symposium] Eliasson R, et al. **Lakartidningen** 1984 Oct 17;81(42):3819–28 **(Swe)**

MICROBIOLOGY

Clinically silent polymicrobial amnionitis and intrauterine fetal death associated with a Cu-7 intrauterine contraceptive device. Waites KB, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):998–9

[Incidence of Streptococcus agalactiae in pregnant women and its effect on the neonate] Chvála V, et al. **Cesk Gynekol** 1985 Mar;50(2):109–15 (Eng. Abstr.) **(Cze)**

MORTALITY

Acute fatty liver of pregnancy [letter] Pockros PJ, et al. **Dig Dis Sci** 1985 Jun;30(6):601–2

Oral contraceptives and reproductive mortality [letter] Gerhold WM. **N Engl J Med** 1984 Dec 13;311(24):1583

[Severe jaundice with fatal outcome in pregnancy] Gétin Y, et al. **Rev Fr Gynecol Obstet** 1984 Jul–Sep;79(7–9):517–22 (Eng. Abstr.) **(Fre)**

[Case of maternal and fetal death caused by acute pancreatitis] Krzewicki J, et al. **Wiad Lek** 1985 Feb 1; 38(3):241–3 (Eng. Abstr.) **(Pol)**

NURSING

Rheumatoid arthritis and the pregnant woman. Harris CJ. **Am J Nurs** 1985 Apr;85(4):414–7

Maternal Guillain–Barré syndrome. Edwards R. **J Neurosurg Nurs** 1984 Dec;16(6):306–12

OCCURRENCE

Advanced maternal age: the mature gravida. Kirz DS, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):7–12

Goiter in pregnant teenagers. Long TJ, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):670–4

Osteomalacia presenting as pathological fractures during pregnancy in Asian women of high social class [letter] **Br Med J [Clin Res]** 1985 Apr 20;290(6476):1215

Risk approach in maternal care: how beneficial is this approach in reality? Reddaiah VP, et al. **Indian J Pediatr** 1985 Jan–Feb;52(414):61–5

Anemia in pregnancy. Ramachandran P. **Indian Pediatr** 1984 Oct;21(10):749–51

Clinical application of a high-risk scoring system on a family practice obstetric service. Nuovo J. **J Fam Pract** 1985 Feb; 20(2):139–44

Perinatal outcome. Similarity and predictive value of antepartum and intrapartum assessment scales. Molfese VJ, et al. **J Reprod Med** 1985 Jan;30(1):30–8

Pregnancy risk factor assessment––north area of Santiago, Chile, 1982–1983. **MMWR** 1985 Jun 7;34(22):335–7

Pregnancy complications in Sioux Indians. Petersen LP, et al. **Obstet Gynecol** 1984 Oct;64(4):519–23

Urologic problems of pregnancy. Klein EA. **Obstet Gynecol Surv** 1984 Oct;39(10):605–15 (62 ref.)

[The elderly primipara] Blanc B, et al. **Rev Fr Gynecol Obstet** 1984 Feb;79(2):109–14 (Eng. Abstr.) **(Fre)**

[Pregnancy, labor and the puerperium in women prisoners] Stauber M, et al. **Geburtshilfe Fraunheilkd** 1984 Nov; 44(11):731–7 (Eng. Abstr.) **(Ger)**

[The course of pregnancy in a representative Swiss population (the Aarau Pregnancy and Newborn Infant Study). I. Social medicine aspects] Fricker HS, et al. **Schweiz Med Wochenschr** 1985 Mar 2;115(9):312–8 (Eng. Abstr.) **(Ger)**

[Pregnancy in a representative Swiss population (study of pregnancy and newborn infants in Aarau). 3. Diseases and drugs in pregnancy] Fricker HS, et al. **Schweiz Med Wochenschr** 1985 Mar 30;115(13):441–7 (Eng. Abstr.) **(Ger)**

[Results of examination of the reproductive organs of female workers in the textile industry] Furmanek A. **Med Pr** 1984; 35(6):453–6 (Eng. Abstr.) **(Pol)**

[Risk factors in the grand multipara] Plascencia Moncayo N, et al. **Ginecol Obstet Mex** 1985 Apr;53(336):87–9 (Eng. Abstr.) **(Spa)**

[Reproduction in adolescence] Rubio R, et al. **Rev Chil Obstet Ginecol** 1981;46(3):112–7 (Eng. Abstr.) **(Spa)**

[High-risk obstetric pathology in a rural population. Hospital de Llay-Llay] Sáez Carreño G, et al. **Rev Chil Obstet Ginecol** 1984;49(1):37-40 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Cervical scleroderma: a case of soft tissue dystocia. Bellucci MJ, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):891–2

Transient acantholytic dermatosis occurring during pregnancy. Levy A, et al. **Cutis** 1985 Jan;35(1):73–4

Pruritus of pregnancy. Smith A, et al. **Cutis** 1984 Nov; 34(5):486–8

Pregnancy tumor of the middle ear [letter] Soni NK. **Ear Nose Throat J** 1985 Apr;64(4):205–6

Granular cell tumor of the clitoris in pregnancy. Degefu S, et al. **Gynecol Oncol** 1984 Oct;19(2):246–51

Renal morphological changes in idiopathic acute fatty liver of pregnancy. Slater DN, et al. **Histopathology** 1984 Jul; 8(4):567–81

Pruritic urticarial papules and plaques of pregnancy (PUPPP) report of 2 cases. Linasmita V, et al. **J Med Assoc Thai** 1984 Nov;67(11):624–8

Pregnancy complicated by homozygous hypercholesterolemia. Barss V, et al. **Obstet Gynecol** 1985 May;65(5):756–7

The surgical pathologist examines the placenta. Sander CH. **Pathol Annu** 1985;20 Pt 2:235–88 (77 ref.)

Placental anatomy and diffusing capacity in guinea pigs following long-term maternal hypoxia. Bacon BJ, et al. **Placenta** 1984 Nov–Dec;5(6):475–87

[Ruptured angular pregnancy in the 16th week. Apropos of a case] Cochand-Priollet B, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(7):808–11 (Eng. Abstr.) **(Fre)**

[Diffuse cavernous myometric angiomatosis of the pregnant uterus and its clinical significance] Reiffenstuhl G. **Geburtshilfe Fraunheilkd** 1984 Sep;44(9):579–82 (Eng. Abstr.) **(Ger)**

[Unilateral nevoid telangiectasis syndrome] Labohm EB, et al. **Hautarzt** 1985 Feb;36(2):107–8 (Eng. Abstr.) **(Ger)**

[Gigantomastia in pregnancy developing in a case of status thymicolymphaticus] Zaĭrat'iants OV. **Arkh Patol** 1984; 46(9):87–91 (Eng. Abstr.) **(Rus)**

[Rupture of a pregnant uterus after a previous cesarean section] Sbrodov GI. **Sud Med Ekspert** 1984 Oct–Dec; 27(4):54 **(Rus)**

[Gravidic pruritic urticarial papules and plaques] Roa E, et al. **Rev Chil Obstet Ginecol** 1980;45(2):73–9 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Predictive value of antepartum fetal heart rate non-stress test in high-risk pregnancy. Lenstrup C, et al. **Acta Obstet Gynecol Scand** 1985;64(2):133–8

Urinary tract calculi in pregnancy. Paulman AA, et al. **Am Fam Physician** 1985 Jun;31(6):143–4

Fever during pregnancy and spontaneous abortion. Kline J, et al. **Am J Epidemiol** 1985 Jun;121(6):832–42

Pregnancy in women with renal disease and moderate renal insufficiency. Hou SH, et al. **Am J Med** 1985 Feb; 78(2):185–94

Hemodynamic observations in severe preeclampsia complicated by pulmonary edema. Benedetti TJ, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):330–4

Primary aldosteronism in pregnancy. Colton R, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):892–3

Maternal weight and pregnancy complications. Garbaciak JA Jr, et al. **Am J Obstet Gynecol** 1985 May 15; 152(2):238–45

The relationship between reproductive performance and blood pressure in the spontaneously hypertensive rat. Lorenz RP, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):519–23

Primary hyperaldosteronism during pregnancy. Merrill RH, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):786–7

Flow velocity waveforms in the maternal uteroplacental and fetal umbilical placental circulations. Trudinger BJ, et al. **Am J Obstet Gynecol** 1985 May 15;152(2):155–63

Chronic renal disease. Davison JM, et al. **Clin Obstet Gynecol** 1984 Dec;27(4):891–901

Gallbladder function and maternal bile acids in intrahepatic cholestasis of pregnancy. Kirkinen P, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Sep;18(1–2):29–34

Uteroplacental blood flow in pregnancy hypertension after the administration of a beta-adrenoceptor blocker, pindolol. Lunell NO, et al. **Gynecol Obstet Invest** 1984; 18(5):269–74

Crowding pregnant mice affects attack and threat behavior of male offspring. Harvey PW, et al. **Horm Behav** 1985 Mar;19(1):86–97

Immunologic and inflammatory responses during pregnancy. Holland D, et al. **J Clin Lab Immunol** 1984 Aug;14(4):177–9

Assessment of severe pulmonary disease in pregnancy with Swan–Ganz monitoring. A report of two cases. Smythe AR, et al. **J Reprod Med** 1985 Feb;30(2):133–8

Pregnancy and rheumatic disease. A review of recent studies in rheumatoid arthritis and ankylosing spondylitis. Ostensen M, et al. **Klin Wochenschr** 1984 Oct 1;62(19):891–5

Undiagnosed myasthenia gravis in a parturient undergoing cesarean section––maternal and neonatal complications. Usta N, et al. **Middle East J Anaesthesiol** 1984 Feb; 7(4):277–81

Pregnancy in women with chronic renal disease. Hou S. **N Engl J Med** 1985 Mar 28;312(13):836–9

Pregnancy and reproductive function in a patient with non-mosaic Turner syndrome. Baudier MM, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):60S–64S

Uncontrollable life-threatening status asthmaticus––an indicator for termination of pregnancy by cesarean section. Gelber M, et al. **Respiration** 1984;46(3):320–2

Primary hyperparathyroidism during pregnancy. Croom RD 3d, et al. **Surgery** 1984 Dec;96(6):1109–18

Effects of lead and hyperthermia on prenatal brain growth of guinea pigs. Edwards MJ, et al. **Teratology** 1984 Dec; 30(3):413–21

[Changes in the position of the fetus during a risk pregnancy] Fuchs V, et al. **Cesk Gynekol** 1984 Dec;49(10):703–7 (Eng. Abstr.) **(Cze)**

[Importance of monitoring placental alkaline phosphatase in the monitoring of the fetoplacental unit] Novák J, et al. **Cesk Gynekol** 1984 Dec;49(10):708–12 (Eng. Abstr.) **(Cze)**

[Urodynamic study of urinary incontinence appearing in the fifth month of pregnancy and persisting after delivery. The role of progesterone] Caissel J, et al. **Ann Urol (Paris)** 1984 Sep;18(5):356–60 (Eng. Abstr.) **(Fre)**

[Effect of pregnancy and delivery on the function of the cervico-urethral closure. I. Prospective study of 27 women] Le Coutour X, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(7):771–4 (Eng. Abstr.) **(Fre)**

[Effect of pregnancy and delivery on the function of the cervico-urethral closure. II. Retrospective study on late consequences of obstetrical trauma] Le Coutour X, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(7):775–9 (Eng. Abstr.) **(Fre)**

[Guillain-Barre syndrome in pregnancy] d'Ambrosio G, et al. **Rev Neurol (Paris)** 1985;141(1):33–6 (Eng. Abstr.) **(Fre)**

[Dermatoses and pregnancy] Sfar Z. **Tunis Med** 1984 Nov; 62(7):531–4 (Eng. Abstr.) **(Fre)**

[Fetal development] Roux JF. **Union Med Can** 1984 Jul; 113(7):577–80, 582–6 (Eng. Abstr.) **(Fre)**

[Pregnancy and fetal development in epileptic women] Janz D. **Geburtshilfe Fraunheilkd** 1984 Jul;44(7):428–34 (Eng. Abstr.) **(Ger)**

[Membranoproliferative glomerulonephritis in pregnancy]

Adamiec R, et al. **Pol Tyg Lek** 1985 Jan 14;40(2):35-8 (Eng. Abstr.) **(Pol)**

[Pregnancy in women with lupus nephropathy] Spineter-Sokołowska E, et al. **Pol Tyg Lek** 1984 Oct 1-8; 39(40-41):1319-21 (Eng. Abstr.) **(Pol)**

[Pregnancy in women with nephrotic syndrome in chronic glomerulonephritis] Wielgosz A, et al. **Pol Tyg Lek** 1984 Oct 1-8;39(40-41):1309-11 (Eng. Abstr.) **(Pol)**

[Characteristics of the feto-placental complex in pregnant women with various forms of chronic glomerulonephritis] Shekhtman MM, et al. **Akush Ginekol (Mosk)** 1985 May; (5):45-8 (Eng. Abstr.) **(Rus)**

[Systemic lupus erythematosus and pregnancy. Study of 44 patients] Mathías L, et al. **Ginecol Obstet Mex** 1984 Aug; 52(328):195-9 (Eng. Abstr.) **(Spa)**

[Pregnancy resulting in a live birth during chronic hemodialysis] Ruiz Abad JA, et al. **Rev Clin Esp** 1984 Nov 15-30;175(3-4):163-4 **(Spa)**

PREVENTION & CONTROL

Alcohol problems in pregnancy and childhood--where do we go from here? Krasner N. **Alcohol Alcohol** 1984; 19(2):181-4

Prophylaxis of thrombosis in antithrombin III-deficient women during pregnancy and delivery. Michiels JJ, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Oct;18(3):149-53

Fetal hyperthyroidism: experience of treatment in four siblings. Cove DH, et al. **Lancet** 1985 Feb 23;1(8426):430-2

Supplemental Food Program: effects on health and pregnancy outcome. Collins TR, et al. **South Med J** 1985 May;78(5):551-5

[Mechanism of action of anti-D-gamma globulin in preventing rhesus alloimmunization in the pregnant woman and hemolytic disease of the newborn infant] Vŭlcheva B, et al. **Akush Ginekol (Sofiia)** 1985;24(2):73-6 (13 ref.) (Eng. Abstr.) **(Bul)**

[Ultrasonic studies. A diagnostic aid in the prevention of pregnancy complications] Ostergaard I, et al. **Ugeskr Laeger** 1984 Nov 19;146(47):3649-54 (Eng. Abstr.) **(Dan)**

[Should vitamin D supplements be given to pregnant women?] de Ménibus CH, et al. **Bull Acad Natl Med (Paris)** 1984 Oct-Nov;168(7-8):909-16 **(Fre)**

[Advice for pregnant patients, breast feeding women and families with small children before travel to the tropics] Sigg-Farner C. **Ther Umsch** 1985 Jan;42(1):40-7 (Eng. Abstr.) **(Ger)**

[Effect of prenatal care in general practice and in the clinic on the course of pregnancy and labor] Sperno R, et al. **Wien Med Wochenschr** 1985 Feb 15;135(3):65-9 (Eng. Abstr.) **(Ger)**

[Proposal of a software program as a model of fetal medicine of the preventive type] Malanetto C, et al. **Minerva Ginecol** 1985 Apr;37(4):157-70 (Eng. Abstr.) **(Ita)**

[Role of women's outpatient clinics in the prevention of pregnancy and labor complications in anemia] Dzhabbarova IuK, et al. **Akush Ginekol (Mosk)** 1984 Aug; (8):19-21 **(Rus)**

[Implementation of scientific research devoted to the prevention and treatment of various maternal and fetal diseases] El'tsov-Strelkov VI, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):3-6 **(Rus)**

[Dispensarization of multiparae in women's consultation centers] Kaiupova NA, et al. **Akush Ginekol (Mosk)** 1985 May;(5):56-7 **(Rus)**

[Value of a rational work schedule for female industrial workers in the prevention of pregnancy complications] Miterev AG. **Akush Ginekol (Mosk)** 1984 Dec;(12):52-3 **(Rus)**

[Effectiveness of daytime hospitals in the prevention of complications of pregnancy and labor in patients with chronic anemia] Mordukhovich AS, et al. **Akush Ginekol (Mosk)** 1985 Jan;(1):48-51 (Eng. Abstr.) **(Rus)**

PSYCHOLOGY

Women with nonorganic psychosis: mental disturbance during pregnancy. McNeil TF, et al. **Acta Psychiatr Scand** 1984 Aug;70(2):127-39

Women with nonorganic psychosis: pregnancy's effect on mental health during pregnancy. McNeil TF, et al. **Acta Psychiatr Scand** 1984 Aug;70(2):140-8

Women with nonorganic psychosis: factors associated with pregnancy's effect on mental health. McNeil TF, et al. **Acta Psychiatr Scand** 1984 Sep;70(3):209-19

Offspring of women with nonorganic psychosis: mother-infant interaction at three days of age. Persson-Blennow I, et al. **Acta Psychiatr Scand** 1984 Aug; 70(2):149-59

The psychosocial impact of high risk pregnancy. Gyves MT. **Adv Psychosom Med** 1985;12:71-80

Pregnant women with Munchausen syndrome. Goodlin RC. **Am J Obstet Gynecol** 1985 Sep 15;153(2):207-10

Lithium in pregnancy--avoidance of toxicity. A case report. Kaufman KR, et al. **Biol Res Pregnancy Perinatol** 1985; 6(2):55-8

Depressive symptoms in pregnancy [letter] Ancill R, et al. **Br J Psychiatry** 1984 Oct;145:446-7

Unusual use of ultrasound in a paranoid patient [letter] Cook PE, et al. **Can Med Assoc J** 1984 Sep 15;131(6):539

When a mentally ill woman refuses abortion [editorial] Mahowald M, et al. **Hastings Cent Rep** 1985 Apr;15(2):22-3

Psychological and social disorders of Turkish women during an unaccepted pregnancy in a foreign country. Berzewski H. **Int J Soc Psychiatry** 1984 Winter;30(4):275-82

[Problems of therapeutic interventions in infant psychiatry] Manzano J, et al. **Neuropsychiatr Enfance Adolesc** 1984 Sep; 32(9):443-50 (Eng. Abstr.) **(Fre)**

[Effect of maternal anxiety (unrest) on the health status of the fetus] Selvaggi L, et al. **Zentralbl Gynakol** 1984; 106(23):1528-35 (Eng. Abstr.) **(Ger)**

[Emotions, pregnancy and progeny] Savchenkov IuI, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):12-5 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Lung cancer and pregnancy. Stark P, et al. **Radiologe** 1985 Jan;25(1):30-2

RADIONUCLIDE IMAGING

Pulmonary imaging in pregnancy. Maternal risk and fetal dosimetry. Marcus CS, et al. **Clin Nucl Med** 1985 Jan; 10(1):1-4

Application of the parametric scan in the investigation of uteroplacental blood flow. Bódis J, et al. **Eur J Nucl Med** 1985;10(5-6):286-7

REHABILITATION

Fetal breathing movements and the response to carbon dioxide in patients on methadone maintenance. Richardson BS, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):400-5

Long-term effects of prenatal methadone maintenance. Rosen TS, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1985;59:73-83

[Rehabilitation in obstetrical and gynecological practice] Bodiazhina VI, et al. **Akush Ginekol (Mosk)** 1984 Nov; (11):3-8 **(Rus)**

SURGERY

Appendectomy during pregnancy. Doberneck RC. **Am Surg** 1985 May;51(5):265-8

The pregnant surgical patient: medical evaluation and management. Barron WM. **Ann Intern Med** 1984 Nov; 101(5):683-91 (72 ref.)

Surgery for acute ulcerative colitis and toxic megacolon during pregnancy. Cooksey G, et al. **Br J Surg** 1985 Jul; 72(7):547

Surgical management of recurrent spontaneous pneumothorax during pregnancy. Dhalla SS, et al. **Chest** 1985 Aug;88(2):301-2

Acute appendicitis complicating pregnancy. Kesarwani RC. **J Indian Med Assoc** 1984 Sep;82(9):316-8

Nonobstetric surgery during pregnancy. Triolo PK. **J Obstet Gynecol Neonatal Nurs** 1985 May-Jun; 14(3):179-83

Self-inflicted gunshot wound to the pregnant uterus: report of two cases. Buchsbaum HJ, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):32S-35S

Abdominal wall repair with polypropylene mesh in pregnancy. Martin LF, et al. **Obstet Gynecol** 1985 Jul; 66(1):141-3

Catastrophic uterine rupture. Plauché WC, et al. **Obstet Gynecol** 1984 Dec;64(6):792-7

Primary hyperparathyroidism in pregnancy. Kristoffersson A, et al. **Surgery** 1985 Mar;97(3):326-30

Hepatic subcapsular hemorrhage associated with pregnancy. Stalter KD, et al. **Surgery** 1985 Jul;98(1):112-4

Management of rupture of the gravid uterus. Heij HA, et al. **Trop Doct** 1985 Jul;15(3):127-31

Hepatic artery ligation for spontaneous hepatic rupture in pregnancy. Naraynsingh V, et al. **West Indian Med J** 1984 Sep;33(3):198-200

[Therapeutic approach with a pregnant woman with facial paralysis caused by a cholesteatoma] Lacroix A. **Acta Otorhinolaryngol Belg** 1984;38(4):371-9 (Eng. Abstr.) **(Fre)**

[Inguinal hernia in women: a complication of pregnancy or labor. Apropos of 160 cases of surgically treated hernias] Verhaeghe P, et al. **Rev Fr Gynecol Obstet** 1984 Feb; 79(2):101-7 (Eng. Abstr.) **(Fre)**

[Cesarean section with subsequent hysterectomy] Hohlweg-Majert P, et al. **Geburtshilfe Frauenheilkd** 1985 Mar;45(3):167-9 (Eng. Abstr.) **(Ger)**

[Appendicitis and pregnancy] Kunze M, et al. **Zentralbl Gynakol** 1985;107(4):252-4 (Eng. Abstr.) **(Ger)**

[Obstetrical hysterectomy in Gyneco-Obstetrical Hospital 3A of the Mexican Institute of Social Security. Anatomo-clinical correlation] López Ortiz E, et al. **Ginecol Obstet Mex** 1983 Oct;51(318):281-6 (Eng. Abstr.) **(Spa)**

[Biliary surgery and pregnancy] Gaete DS, et al. **Rev Chil Obstet Ginecol** 1983;48(4):213-8 (Eng. Abstr.) **(Spa)**

THERAPY

Smoking cessation in pregnancy: a self-help approach. Aaronson NK, et al. **Addict Behav** 1985;10(1):103-8

Use of behavior therapy in obstetrics and gynecology. Klonoff EA, et al. **Adv Psychosom Med** 1985;12:150-65

Obgynethical issues--present and future. Mahowald MB. **Adv Psychosom Med** 1985;12:166-81

Investigation of nonimmune hydrops fetalis. Holzgreve W, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):805-12

Alcohol and pregnancy: a clinical perspective. Rosett HL, et al. **Annu Rev Med** 1985;36:73-80

Traumatic coma during pregnancy with persistent vegetative state. Case report. Ben Aderet N, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):939-41

Plasmapheresis in a pregnancy complicated by acute systemic lupus erythematosis. Case report. Thomson BJ, et al. **Br J Obstet Gynaecol** 1985 May;92(5):532-4

Cryoanalgesia to relieve pain in diastasis of the symphysis pubis during pregnancy. Glynn CJ, et al. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1946-7

Caesarean section for twins in a patient with myotonic dystrophy. Paterson RA, et al. **Can Anaesth Soc J** 1985 Jul;32(4):418-21

Pregnancy in renal transplantation. Clinical aspects. Casciani CU, et al. **Clin Exp Obstet Gynecol** 1984;11(4):136-40

Emergency care of the pregnant traumatized patient. Haycock CE. **Emerg Med Clin North Am** 1984 Nov; 2(4):843-51

Plasma-exchange in the treatment of severe thyrotoxicosis in pregnancy. Derksen RH, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Oct;18(3):139-48

Dilatation of the urinary tract during pregnancy and its management. Lipsky H. **Eur Urol** 1984;10(6):372-6

Effects of hematinic and protein supplementation on the feto-placental unit in maternal anemia. Agarwal KN, et al. **Indian Pediatr** 1984 Oct;21(10):765-71

High-risk obstetrics. The three-year experience of four subspecialists. Cohen AW, et al. **J Reprod Med** 1985 Jun; 30(6):472-7

Uterine prolapse complicating pregnancy. A case report. Hill PS. **J Reprod Med** 1984 Aug;29(8):631-3

Total parenteral nutrition in obstetrics. Seifer DB, et al. **JAMA** 1985 Apr 12;253(14):2073-5

Rhesus haemolytic disease treated with high-dose intravenous immunoglobulin [letter] Berlin G, et al. **Lancet** 1985 May 18;1(8438):1153

Snake bite in pregnancy [letter] James RF. **Lancet** 1985 Sep 28;2(8457):731

Management of maternal vegetative state during pregnancy. Hill LM, et al. **Mayo Clin Proc** 1985 Jul;60(7):469-72

The management of thyrotoxicosis in pregnancy. Burrow GN. **N Engl J Med** 1985 Aug 29;313(9):562-5 (49 ref.)

Hepatic rupture associated with pregnancy: treatment with transcatheter embolotherapy. Loevinger EH, et al. **Obstet Gynecol** 1985 Feb;65(2):281-4

Management of Landry-Guillain-Barré syndrome in pregnancy. Nelson LH, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):25S-29S

Intravenous immunoglobulin in pregnancy. Smith CI, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):39S-40S

Management of patients with a diastolic blood pressure of 90 mmHg in the third trimester of pregnancy. Allen DG, et al. **S Afr Med J** 1984 Dec 15;66(24):910-2

Stress, adaptation and coping in a maternal-fetal intensive care unit. Waldron JA, et al. **Soc Work Health Care** 1985 Spring;10(3):75-89

Management of burns in pregnant women. Deitch EA, et al. **Surg Gynecol Obstet** 1985 Jul;161(1):1-4

Percutaneous catheter drainage of obstructed transplant kidney in pregnancy. Hartnell GG, et al. **Urology** 1985 May;25(5):522-3

Regionalization of perinatal care. Meuli RL, et al. **West J Med** 1984 Nov;141(5):695-7

[Electrostimulation methods and low-frequency currents in obstetrical and gynecological practice] Belchev D, et al. **Akush Ginekol (Sofiia)** 1984;23(6):541-50 (98 ref.) **(Bul)**

[Our management of arrested pregnancies in the 2d and 3d trimesters of pregnancy] Rezgui M, et al. **Tunis Med** 1984 Nov;62(7):523-6 (Eng. Abstr.) **(Fre)**

[An encouraging balance. Technology of obstetrics--embryo transfer--difficulty of tumor therapy--diagnosis, after care and education] Stoll P. **Fortschr Med** 1985 Jan 10; 103(1-2):20-2 **(Ger)**

[Problems in cooperation between the obstetric-gynecologic clinic and general practice] Schröder H. **Gynakologe** 1985 Mar;18(1):39-40 **(Ger)**

[Management of twin pregnancies currently--a prospective study] Scholtes G, et al. **Z Geburtshife Perinatol** 1984 Jul-Aug;188(4):178-84 (Eng. Abstr.) **(Ger)**

[Glomerulopathy and pregnancy] Gofman L, et al. **Orv Hetil** 1985 Apr 21;126(16):963-6 (Eng. Abstr.) **(Hun)**

[Pregnancy in the patient under chronic hemodialysis treatment. Our clinical experience] Piccione E, et al. **Clin Ter** 1985 Jun 15;113(5):367-73 (Eng. Abstr.) **(Ita)**

[Treatment of a pregnant patient with advanced renal failure by repeated dialysis] Majdan M, et al. **Pol Tyg Lek** 1984 Oct 1-8;39(40-41):1331-2 **(Pol)**

[Characteristics of the treatment of pregnant women with septic abortion and pyelonephritis complicated by acute renal failure] Cherniakov VL, et al. **Akush Ginekol (Mosk)** 1985 May;(5):52-3 (Eng. Abstr.) **(Rus)**

[Graded compression in the treatment of rupture of pubic symphysis] Demichev NP, et al. **Sov Med** 1985;(3):78-83 **(Rus)**

[Gestation and spontaneous partus with a live fetus in a patient undergoing periodic hemodialysis. Clinical hormonal study] Cararach V, et al. **Med Clin (Barc)** 1984 Nov 10;83(15):634-6 (Eng. Abstr.) **(Spa)**

[Hemodialysis and pregnancy] Cararach Ramoneda V. **Med Clin (Barc)** 1984 Nov 10;83(15):631-3 **(Spa)**

[Renal transplant and pregnancy. Report of 3 clinical cases] Torres A, et al. **Rev Chil Obstet Ginecol** 1984;49(4):221-8 (Eng. Abstr.) **(Spa)**

URINE

Paediatric follow-up of pregnancies complicated by subnormal oestriol excretion. Wade RW, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):622-8

A pilot study assessing maternal marijuana use by urine assay during pregnancy. Zuckerman BS, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1985;57:84-93

[Urinary estriol in high-risk pregnancies. Bibliographic and clinical review] Concha Garretón J, et al. **Rev Chil Obstet Ginecol** 1981;46(5):263-77 (Eng. Abstr.) **(Spa)**

VETERINARY

Prevalence of Trypanosoma theileri in cows and fetuses at slaughter. Hussain K, et al. **Am J Vet Res** 1985 Jun;46(6):1256-8

Induction of cleft palate in newborn pigs by maternal ingestion of poison hemlock (Conium maculatum). Panter KE, et al. **Am J Vet Res** 1985 Jun;46(6):1368-71

The effect of strategic anthelmintic treatment on the breeding performance and survival of ewes naturally infected with gastro-intestinal strongyles and protostrongylids. Pandey VS, et al. **Ann Rech Vet** 1984;15(4):491-6

Heptachlor poisoning in horses and cattle. Dickson J, et al. **Aust Vet J** 1984 Oct;61(10):331

Intraruminal selenium pellet for control of nutritional muscular dystrophy in cattle. Hidiroglou M, et al. **J Dairy Sci** 1985 Jan;68(1):57-66

Hydrallantois in a bovine leading to rupture of the prepubic tendon and abdominal musculature. Penzhorn BL, et al. **J S Afr Vet Assoc** 1985 Jun;56(2):115 **(Eng, Afr)**

Urethral obstruction in a cow [letter] Alderman C. **Vet Rec** 1985 Jun 29;116(26):698

Changes in blood composition of pregnant cows during the onset of hypomagnesaemia. Cseh SB, et al. **Vet Rec** 1984 Dec 1;115(22):567-70

Hemlock poisoning in piglets [letter] Markham K. **Vet Rec** 1985 Jan 5;116(1):27

PREGNANCY COMPLICATIONS, CARDIOVASCULAR

The Hindås hypertension meeting 1984. 12th Nordic Hypertension Meeting. Hindås, Sweden, August 30-September 1, 1984. **Acta Med Scand [Suppl]** 1985;693:1-137

Hypertension in pregnancy. Long-term effects on blood pressure in mothers and children. Svensson A. **Acta Med Scand [Suppl]** 1985;695:1-50

HELLP syndrome--a serious complication of hypertension in pregnancy. Oian P, et al. **Acta Obstet Gynecol Scand** 1984;63(8):727-9

Prosthetic valve endocarditis in pregnancy. Zimmerman J, et al. **Acta Obstet Gynecol Scand** 1984;63(8):731-2

Pregnancy complicated by solid-papillary epithelial tumor of the pancreas, pulmonary embolism, and pulmonary embolectomy. Duff P, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):80-1

An arteriovenous malformation in pregnancy: a case report and review of the literature. Elliott JA, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):85-8

Evaluation of the use of continuous lumbar epidural anesthesia for hypertensive pregnant women in labor. Moore TR, et al. **Am J Obstet Gynecol** 1985 Jun 15;152(4):404-12

Sympathoadrenal and cardiovascular reactivity in pregnancy-induced hypertension. II. Responses to tilting. Nisell H, et al. **Am J Obstet Gynecol** 1985 Jul 1;152(5):554-60

The effect of hypertension in pregnant women on fetal adrenal function and fetal plasma lipoprotein-cholesterol metabolism. Parker CR Jr, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):263-9

Management of pregnancy subsequent to rupture of an intracranial arterial aneurysm. Catanzarite VA, et al. **Am J Perinatol** 1984 Jan;1(2):174-6

Factors associated with the blood pressures of children born to women who were hypertensive during pregnancy. Ounsted MK, et al. **Arch Dis Child** 1985 Jul;60(7):631-5

Transient blindness associated with pregnancy-induced hypertension. Case reports. Arulkumaran S, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):847-9

Ocular hypotensive effect of late pregnancy with and without high blood pressure. Phillips CI, et al. **Br J Ophthalmol** 1985 Feb;69(2):117-9

Hypertensive disorders. Weenink GH, et al. **Clin Obstet Gynecol** 1985 Mar;28(1):37-45

Diagnosis and management of thromboembolic disease during pregnancy. Weiner CP. **Clin Obstet Gynecol** 1985 Mar;28(1):107-18 (67 ref.)

Chronic villitis of unknown etiology and maternal arterial lesions in preeclamptic pregnancies. Labarrere C, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jul;20(1):1-11

Peripartal cardiomyopathy. van der Leeuw-Harmsen L, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jan;19(1):59-65

Prosthetic heart valve and pregnancy. A study of 59 cases. Matorras R, et al. **Gynecol Obstet Invest** 1985;19(1):21-31

Spontaneous rupture of utero-ovarian veins in pregnancy. McGuinness EP, et al. **Ir J Med Sci** 1985 Jan;154(1):38-9

Successful pregnancy after Budd-Chiari syndrome [letter] Vons C, et al. **Lancet** 1984 Oct 27;2(8409):975

Hypertension in pregnancy. Chervenak FA, et al. **Mt Sinai J Med (NY)** 1985 Jan;52(1):46-58 (61 ref.)

Class H diabetes and pregnancy. Gast MJ, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):5S-7S

Hypertrophic cardiomyopathy and pregnancy: report of a maternal mortality and review of literature. Shah DM, et al. **Obstet Gynecol Surv** 1985 Jul;40(7):444-8

Peripartum cardiomyopathy. Julian DG, et al. **Prog Cardiovasc Dis** 1985 Jan-Feb;27(4):223-40 (128 ref.)

Hypertension in pregnancy. Classification and haemodynamic, hormonal and therapeutic aspects. Proceedings of the thirteenth scientific meeting of the Danish Society of Hypertension, Copenhagen, November 18, 1983. **Scand J Clin Lab Invest [Suppl]** 1984;169:1-95

Myocardial infarction in pregnancy. Hutchison SJ, et al. **Scott Med J** 1985 Apr;30(2):116-8

[Peripartum cardiomyopathy] He XW. **Chung Hua Nei Ko Tsa Chih** 1984 Jul;23(7):448-9 **(Chi)**

[The most frequent causes of heart failure in pregnancy] Janku K, et al. **Cesk Gynekol** 1985 Jun;50(5):346-9 **(Cze)**

[Spontaneous rupture of splenic vessels in pregnancy] Vajdík J, et al. **Cesk Gynekol** 1984 Dec;49(10):730-2 **(Cze)**

[Non-surgically corrected congenital cardiac malformations in pregnant women] Sulović V, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(4):493-7 (Eng. Abstr.) **(Fre)**

[Physiopathology of pregnancy-induced hypertension] Fievet P, et al. **Rev Fr Gynecol Obstet** 1984 Dec;79(12):759-64 (Eng. Abstr.) **(Fre)**

[Pregnancy in a patient with an isotopic pacemaker placed for surgical atrioventricular block following treatment of tetralogy of Fallot. Apropos of a case. Review of the literature] Malbranche-Aupècle MH, et al. **Rev Fr Gynecol Obstet** 1985 Feb;80(2):105-7 (Eng. Abstr.) **(Fre)**

[Cardiopathies and pregnancy] Cardone A, et al. **Minerva Ginecol** 1984 Jul-Aug;36(7-8):369-76 (Eng. Abstr.) **(Ita)**

[Pregnancy and labor in women with heart diseases] Mikulandra F, et al. **Jugosl Ginekol Opstet** 1984 Jan-Apr;24(1-2):20-4 (Eng. Abstr.) **(Scr)**

[Pregnancy and labor in women with congenital heart defects] Tasić D. **Med Pregl** 1984;37(3-4):153-5 (Eng. Abstr.) **(Scr)**

[Maternal-fetal prognosis based on mean arterial blood pressure in the 2d trimester of pregnancy] Paiva E, et al. **Rev Chil Obstet Ginecol** 1984;49(5):326-9 (Eng. Abstr.) **(Spa)**

BLOOD

Cellular sodium transport in pregnancy induced hypertension. Herlitz H, et al. **Acta Med Scand [Suppl]** 1985;693:15-8

Fibrinopeptide A and intravascular coagulation in normotensive and hypertensive pregnancy and parturition. Wallmo L, et al. **Acta Obstet Gynecol Scand** 1984;63(7):637-40

Placental protein measurements in complicated pregnancies. II. Pregnancy-related hypertension. Westergaard JG, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1224-9

Is serum free estriol measurement essential in the management of hypertensive disorders during pregnancy? Sharf M, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Aug;17(6):365-75

Plasma renin activity, blood uric acid and plasma volume in pregnancy-induced hypertension. Fievet P, et al. **Nephron** 1985;40(4):429-32

Fetal neuroblastoma and catecholamine-induced maternal hypertension. Newton ER, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):49S-52S

Antithrombin III activity in women with hypertension during pregnancy. Weiner CP, et al. **Obstet Gynecol** 1985 Mar;65(3):301-6

Renin, angiotensin II, aldosterone, catecholamines, prostaglandins and vasopressin. The importance of pressor and depressor factors for hypertension in pregnancy. Pedersen EB, et al. **Scand J Clin Lab Invest [Suppl]** 1984;169:48-56

Plasma prolactin concentrations and pregnancy-induced hypertension. Morrison JC, et al. **South Med J** 1985 May;78(5):548-50

[Changes of thromboxane A2 and prostacyclin in the pregnant hypertensive syndrome] Shen XY. **Chung Hua I Hsueh Tsa Chih** 1984 Dec;64(12):735-7, 790 (Eng. Abstr.) **(Chi)**

[Changes in blood calcium during physiologic and pathologic pregnancy] Blekta M, et al. **Sb Lek** 1985 Jan;87(1):17-22 (Eng. Abstr.) **(Cze)**

[Some properties of a vasopressor substance generated in human plasma by incubation and its clinical significance in pregnancy-induced hypertension] Yoshimura T. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Feb;37(2):271-6 (Eng. Abstr.) **(Jpn)**

[Unconjugated estriol levels in the blood of pregnant women with acquired heart defects] Granovskaia TN, et al. **Akush Ginekol (Mosk)** 1984 Dec;(12):20-2 (Eng. Abstr.) **(Rus)**

CHEMICALLY INDUCED

Mesenteric vein thrombosis associated with oral contraceptive administration during pregnancy. Friedman M, et al. **Ann Chir Gynaecol** 1984;73(5):296-8

Lethal hemorrhages in pregnant mice following one oral dose of T-2 toxin. Schiefer HB. **Arch Belg** 1984;Suppl:252-3

DIAGNOSIS

Tricuspid regurgitation during pregnancy: two-dimensional and pulsed Doppler echocardiographic observations. Limacher MC, et al. **Am J Cardiol** 1985 Apr 1;55(8):1059-62

Pregnancy in patients with tricuspid atresia. Johnson CD. **Bol Asoc Med PR** 1984 Dec;76(12):529-30

Silent pericardial effusion in late pregnancy: a new entity. Haiat R, et al. **Cardiovasc Intervent Radiol** 1984;7(6):267-9

Systolic murmurs in pregnancy: value of echocardiographic assessment. Northcote RJ, et al. **Clin Cardiol** 1985 Jun;8(6):327-8

Chronic hypertension in pregnancy. Zuspan FP. **Clin Obstet Gynecol** 1984 Dec;27(4):854-73

Roll-over test--errors in interpretation, due to inaccurate blood pressure measurements. Schoenfeld A, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jan;19(1):23-30

Spontaneous rupture of subserosal uterine varix of gravid uterus: a case report. Phuapradit W, et al. **J Med Assoc Thai** 1984 Oct;67 Suppl 2:98-100

Ruptured aneurysm in pregnancy. Singer JR, et al. **J Neurosurg Nurs** 1985 Aug;17(4):230-7

Atrial myxoma as a complication of tocolytic therapy. A case report. Mercer LJ, et al. **J Reprod Med** 1985 Jul;30(7):561-2

Isometric exercise test for predicting gestational hypertension. Degani S, et al. **Obstet Gynecol** 1985 May;65(5):652-4

The frequent occurrence of false-positive results in phleborheography during pregnancy. Nicholas GG, et al. **Surg Gynecol Obstet** 1985 Aug;161(2):133-5

Possible applications of digital analysis of ultrasonic images of the placenta. Crawford DC, et al. **Ultrasound Med Biol** 1985 Jan-Feb;11(1):79-84

[Marfan syndrome and pregnancy] Ipsen L, et al. **Ugeskr Laeger** 1984 Oct 22;146(43):3288 (Eng. Abstr.) **(Dan)**

[Glomerular proteinuria in pregnancy hypertension] Raidt H, et al. **Wien Klin Wochenschr** 1984 Oct 26;96(20):761-6 (Eng. Abstr.) **(Ger)**

[Intrauterine retardation in cyanotic heart defect in pregnancy] Bellée H. **Zentralbl Gynakol** 1985;107(9):577-9 (Eng. Abstr.) **(Ger)**

[Significance of bicycle ergometry for the determination of the clinical severity of heart disease in pregnancy] Dohrn K. **Zentralbl Gynakol** 1985;107(8):478-84 (Eng. Abstr.) **(Ger)**

[Remarks and indications for the continuous monitoring of females and pregnant patients with cardiovascular diseases] Janku K, et al. **Zentralbl Gynakol** 1984;106(19):1309-13 (Eng. Abstr.) **(Ger)**

[Abortion following recent myocardial infarct] Köhler B. **Zentralbl Gynakol** 1985;107(8):508-11 (Eng. Abstr.) **(Ger)**

[Bleeding from ruptured varicose vein on the posterior uterine wall imitating a prematurely detached placenta] Palatyński A, et al. **Wiad Lek** 1984 Mar 15;37(6):474-7 (Eng. Abstr.) **(Pol)**

[Echocardiography in the evaluation of cardiodynamics in patients with the Eisenmenger syndrome in different physiologic states] Zatikian EP. **Kardiologiia** 1984 Aug;24(8):41-5 (Eng. Abstr.) **(Rus)**

[Echocardiographic indicators in pregnant women with mitral valve defects] Titchenko LI. **Sov Med** 1984;(8):64-8 **(Rus)**

[Spontaneous rupture of an aneurysm of the splenic artery during pregnancy] Jorquera A, et al. **Rev Chil Obstet Ginecol** 1984;49(4):233-6 (Eng. Abstr.) **(Spa)**

[Aortic coarctation and pregnancy] Jofre ME, et al. **Rev Fac Cien Med Univ Nac Cordoba** 1984;42(1):12, 15-6 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Minibolus diazoxide in the management of severe hypertension in pregnancy. Dudley DK. **Am J Obstet Gynecol** 1985 Jan 15;151(2):196-200

Neonatal effects of maternal nadolol therapy. Fox RE, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1045-6

Obstetric aspects of the use in pregnancy-associated hypertension of the beta-adrenoceptor antagonist atenolol. Rubin PC, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):389-92

Plasma prostaglandins during the intravenous infusion of angiotensin II in pregnant women. Strickland DM, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):952-5

First year of life after the use of atenolol in pregnancy associated hypertension. Reynolds B, et al.

Arch Dis Child 1984 Nov;59(11):1061-3

Treatment of normotensive and hypertensive patients with preterm labor using oral nifedipine, a calcium antagonist. Ulmsten U. **Arch Gynecol** 1984;236(2):69-72

Follow-up study of children whose mothers were treated with warfarin during pregnancy. Chong MK, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1070-3

Overview of randomised trials of diuretics in pregnancy [letter] **Br Med J [Clin Res]** 1985 Mar 9;290(6470):788-9

Antihypertensive drugs in pregnancy [editorial] deSwiet M. **Br Med J [Clin Res]** 1985 Aug 10;291(6492):365-6

Overview of randomised trials of diuretics in pregnancy [letter] Ounsted M, et al. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1079-80

Effect of antihypertensive drugs on neonatal blood pressure. Henderson-Smart DJ, et al. **Clin Exp Pharmacol Physiol** 1984 Jul-Aug;11(4):351-4

The treatment of the expectant mother with deep venous thrombosis. Tawes RL Jr, et al. **J Cardiovasc Surg (Torino)** 1985 May-Jun;26(3):303-6

Captopril during pregnancy [letter] Fiocchi R, et al. **Lancet** 1984 Nov 17;2(8412):1153

Hypertension in pregnancy. A study of 142 women presenting before 32 weeks' gestation. Horvath JS, et al. **Med J Aust** 1985 Jul 8;143(1):19-21

Successful treatment of long-lasting severe hypertension with captopril during a twin pregnancy [letter] Coen G, et al. **Nephron** 1985;40(4):498-500

Use of amiodarone during pregnancy. Robson DJ, et al. **Postgrad Med J** 1985 Jan;61(711):75-7

Deep-vein thrombosis in pregnancy. A case report. du Toit DF, et al. **S Afr Med J** 1985 May 11;67(19):781-2

The management of hypertension in pregnancy. Redman CW. **Scand J Clin Lab Invest [Suppl]** 1984;169:61-72 (100 ref.)

Beta blockers in pregnancy. Rubin PC. **Scand J Clin Lab Invest [Suppl]** 1984;169:86-9

A placebo controlled trial of metoprolol in the treatment of hypertension in pregnancy. Wichman K, et al. **Scand J Clin Lab Invest [Suppl]** 1984;169:90-5

Cardiovascular alterations in severe pregnancy-induced hypertension seen with an intravenously given hydralazine bolus. Cotton DB, et al. **Surg Gynecol Obstet** 1985 Sep;161(3):240-4

[Treatment of arterial hypertension in the pregnant woman with labetalol. A propos of 24 cases] Dubois D, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(6):691-700 (Eng. Abstr.) **(Fre)**

[Beta-blockers and arterial hypertension in pregnancy] Pontonnier G. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(7):830-5 (Eng. Abstr.) **(Fre)**

[Low-heart-rate collapse in 2 newborn infants from mothers treated with beta-blockers (letter)] Brosset P, et al. **Presse Med** 1985 Jan 19;14(2):105-6 **(Fre)**

[Pregnancy under converting enzyme inhibitor (letter)] Ducret F, et al. **Presse Med** 1985 Apr 20;14(16):897 **(Fre)**

[Effect of alpha-methyldopa (Dopegyt) on blood pressure in hypertensive pregnant patients] During R, et al. **Zentralbl Gynakol** 1985;107(6):357-62 (Eng. Abstr.) **(Ger)**

[Warfarin embryopathy] Galil A, et al. **Harefuah** 1984 Dec 16;107(12):390-2 (Eng. Abstr.) **(Heb)**

[Current modes of preventing and treating thrombosis in pregnancy] Rákóczi I, et al. **Orv Hetil** 1984 Dec 2;125(49):2993-7 (Eng. Abstr.) **(Hun)**

[Beta-blockers in the therapy of arterial hypertension in pregnancy] Fogari R, et al. **Minerva Ginecol** 1985 May;37(5):201-8 (74 ref.) (Eng. Abstr.) **(Ita)**

[Maternal and fetal risk of pregnancy in cardiac patients with and without anticoagulant treatment] Braun S, et al. **Rev Med Chil** 1984 Oct;112(10):1009-16 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Bladder tumor as apparent cause of vaginal bleeding in pregnancy. Bendsen J, et al. **Acta Obstet Gynecol Scand** 1985;64(4):329-30

Venous air embolism. Life-threatening complication of orogenital sex during pregnancy. Fyke FE 3d, et al. **Am J Med** 1985 Feb;78(2):333-6

Calcium deficiency as the prime cause of hypertension in pregnancy: a hypothesis. Patterson WB. **Asia Oceania J Obstet Gynaecol** 1984 Dec;10(4):485-98 (38 ref.)

Smoking in pregnancy: the influence on percentile birth weight, mean birth weight, placental weight, menstrual age, perinatal mortality and maternal diastolic blood pressure. van der Velde WJ, et al. **Gynecol Obstet Invest** 1985;19(2):57-63

Vascular lesions in pregnancy; a hypothesis [letter] Rampen FH, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):371-2

Prognosis for pregnancy after correction of renovascular hypertension. Sellars L, et al. **Nephron** 1985;39(3):280-1

Calcification of a porcine valve xenograft during pregnancy--a case report and review of the literature. Deviri E, et al. **Thorac Cardiovasc Surg** 1984 Aug;32(4):266-8

[Epidemiologic data on arterial hypertension in pregnancy] Dequiedt P, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):889-96 (Eng. Abstr.) **(Fre)**

[Hypotension in pregnancy] Harsányi J, et al. **Zentralbl Gynakol** 1985;107(6):363-9 (Eng. Abstr.) **(Ger)**

[Hemoperitoneum caused by a laceration of the uterosacral ligament in a woman in the fifth month of pregnancy. Description of a case] Petrone M, et al. **Minerva Ginecol** 1984 Sep;36(9):535-8 (Eng. Abstr.) **(Ita)**

[T-cell acute lymphoblastic leukemia associated with leukemic pericarditis, presenting t (5; 12) chromosome abnormality] Inazawa J, et al. **Rinsho Ketsueki** 1985 Mar;26(3):411-6 (Eng. Abstr.) **(Jpn)**

[Acute internal hemorrhage in pregnancy] Bagaudinov ZZ. **Khirurgiia (Mosk)** 1984 Jul;(7):143 **(Rus)**

[Subcutaneous varicose veins in relation to the localization of placenta] Lyzyn MA, et al. **Sov Med** 1984;(10):22-5 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

[Risk of perinatal pathology and characteristics of development of their progeny in patients with congenital heart defects] Protopopova TA. **Akush Ginekol (Mosk)** 1984 Oct;(10):20-3 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Circulating immune complexes and hypertension in pregnancy. Wohlert M, et al. **Acta Obstet Gynecol Scand** 1984;63(7):609-11

Lymphocyte subclasses in pregnancy induced hypertension. Barnett MA, et al. **Aust NZ J Obstet Gynaecol** 1984 Aug;24(3):202-5

METABOLISM

Pregnancy-induced increase in metoprolol metabolism. Högstedt S, et al. **Clin Pharmacol Ther** 1985 Jun;37(6):688-92

An endogenous ouabain-like factor associated with hypertensive pregnant women. Graves SW, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1070-4

Alterations in red cell cation transport in hypertensive disorders of pregnancy. Logan AG, et al. **Klin Wochenschr** 1985;63 Suppl 3:16-9

Altered prolactin bioactivity in amniotic fluid of hypertensive pregnancy. McCoshen JA, et al. **Obstet Gynecol** 1985 Jan;65(1):24-30

Renin angiotensin aldosterone system, urinary prostaglandins and kallikrein in pregnancy induced hypertension. Evidence for a disregulation of the renin-angiotensin-prostacyclin loop. Fievet P, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:808-14

[Renin-angiotensin-aldosterone system, blood volume, serum uric acid and urinary excretion of prostaglandins and kallikrein in the arterial hypertension induced by pregnancy] Fiévet P, et al. **Arch Mal Coeur** 1984 Oct;77(11):1210-5 (Eng. Abstr.) **(Fre)**

[Sulfhydryl groups in the mother-fetus-amniotic fluid system in parturients with acquired heart diseases] Grigorian DZ, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):43-4 (Eng. Abstr.) **(Rus)**

MORTALITY

[Risk factors in maternal death in hypertensive disease of pregnancy] Villalobos Román M, et al. **Ginecol Obstet Mex** 1985 Apr;53(336):91-5 (Eng. Abstr.) **(Spa)**

OCCURRENCE

Hypertension in pregnancy. Analysis of 261 consecutive cases. Svensson A, et al. **Acta Med Scand [Suppl]** 1985;693:33-9

[Epidemiologic aspects of hypertension in pregnancy. Study of 442 cases] Beaufils M, et al. **Arch Mal Coeur** 1984 Oct;77(11):1200-3 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Intra-uterine fetal death and thrombosis of the umbilical vessels. Vous Kristiansen F, et al. **Acta Obstet Gynecol Scand** 1985;64(4):331-4

Maternal death associated with sickle cell trait. Pastorek JG 2d, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):295-7

An unusual presentation of a case of staphylococcal pericarditis during pregnancy. Valenzuela GJ, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):752-3

Quantitative structural studies on human placentas associated with pre-eclampsia, essential hypertension and intrauterine growth retardation. Boyd PA, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):714-21

Maternal floor infarction. Naeye RL. **Hum Pathol** 1985 Aug;16(8):823-8

Infective endocarditis presenting with a pneumothorax in a patient 32 weeks pregnant. Collins JH Jr, et al. **J La State Med Soc** 1985 May;137(5):60-3

PHYSIOPATHOLOGY

Labor and delivery in the presence of mitral stenosis: central hemodynamic observations. Clark SL, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):984-8

Cardiovascular alterations in severe pregnancy-induced hypertension: relationship of central venous pressure to pulmonary capillary wedge pressure. Cotton DB, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):762-4

A prospective study of blood pressure in pregnancy: prediction of preeclampsia. Moutquin JM, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):191-6

Effects of diuretics on plasma volume in pregnancies with long-term hypertension. Sibai BM, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):831-5

Cardiac size and function in pregnancy-induced hypertension. Veille JC, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):443-9

The effect of dietary supplementation with linoleic and gammalinolenic acids on the pressor response to angiotensin II--a possible role in pregnancy-induced hypertension? O'Brien PM, et al. **Br J Clin Pharmacol** 1985 Mar;19(3):335-42

Baseline fetal heart rates from 15 to 38 weeks gestation in normotensive and hypertensive pregnancies. Dawson AJ, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):60-4

Sympatho-adrenal and cardiovascular reactivity in pregnancy-induced hypertension. I. Responses to isometric exercise and a cold pressor test. Nisell H, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):722-31

Reproductive capacity in female patients on chronic hemodialysis [editorial] Roxe DM, et al. **Int J Artif Organs** 1984 Sep;7(5):249-50

Fall in blood pressure in response to volume expansion in pregnancy-associated hypertension (pre-eclampsia): why does it occur? Gallery ED, et al. **J Hypertens** 1984 Apr;2(2):177-82

Peripartum cardiomyopathy. Homans DC. **N Engl J Med** 1985 May 30;312(22):1432-7 (94 ref.)

Hypertension in pregnancy. Lindheimer MD, et al. **N Engl J Med** 1985 Sep 12;313(11):675-80 (41 ref.)

Myocardial infarction during pregnancy: a review. Hankins GD, et al. **Obstet Gynecol** 1985 Jan;65(1):139-46

Fetal heart rate variation with umbilical haematoma. Ballas S, et al. **Postgrad Med J** 1985 Aug;61(718):753-5

Renal haemodynamics and volume homeostasis in pregnancy. Davison JM. **Scand J Clin Lab Invest [Suppl]** 1984;169:15-27 (42 ref.)

Uteroplacental blood flow in pregnancy induced hypertension. Lunell NO, et al. **Scand J Clin Lab Invest [Suppl]** 1984;169:28-35

The definition of pre-eclampsia. Redman CW. **Scand J Clin Lab Invest [Suppl]** 1984;169:7-14 (41 ref.)

[Observation on ultrasonic placental grading of the toxemia and chronic hypertension of pregnancy] Zou L. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Jul;19(3):136-8, 189 (Eng. Abstr.) **(Chi)**

[Hypertension in pregnancy] de Leeuw PW, et al. **Ned Tijdschr Geneeskd** 1985 Feb 9;129(6):245-9 **(Dut)**

[Increased sensitivity of the bronchial system of hypertensive pregnant patients to beta-adrenergic stimulation] Oddoy A, et al. **Zentralbl Gynakol** 1985;107(2):84-9 (Eng. Abstr.) **(Ger)**

[Experimental studies on toxemia of pregnancy: relationship between sodium chloride and hypertension in pregnancy] Hayashi S. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug;36(8):1230-8 (Eng. Abstr.) **(Jpn)**

[Pregnancy in women with heart disease--hemodynamics and pharmacotherapy] Petelenz T, et al. **Pol Tyg Lek** 1984 Aug 27;39(35):1157-60 (Eng. Abstr.) **(Pol)**

[Pregnancy in women with heart disease--our experience] Petelenz T, et al. **Pol Tyg Lek** 1984 Aug 27;39(35):1161-4 (Eng. Abstr.) **(Pol)**

[Thyroid function in pregnant women with late toxicosis and extragenital pathology] Andreev KP. **Akush Ginekol (Mosk)** 1985 May;(5):27-9 (Eng. Abstr.) **(Rus)**

[Use of integral rheography of the body in obstetrics for the quantitative evaluation of cardiac output] Lebedeva IM, et al. **Akush Ginekol (Mosk)** 1984 Dec;(12):17-20 (Eng. Abstr.) **(Rus)**

[Prevention of chronic fetal hypoxia in pregnant women with acquired heart defects] Okoev GG, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):38-40 (Eng. Abstr.) **(Rus)**

[Echocardiographic characteristics of left-ventricular myocardial contraction in pregnant women with mitral valve defects] Titchenko LI. **Akush Ginekol (Mosk)** 1985 Jan;(1):56-9 (Eng. Abstr.) **(Rus)**

[Echocardiographic characteristics of changes in cardiac chambers in pregnant women with combined mitral valve diseases with predominance of stenosis] Titchenko LI. **Akush Ginekol (Mosk)** 1984 Dec;(12):23-5 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Pregnancy and cardiac valvular prostheses. Chyun DA. **J Obstet Gynecol Neonatal Nurs** 1985 Jan-Feb;14(1):38-44

[Venacorn or anavenol in the prevention of thromboembolic complications in pregnant women] Liber Z, et al. **Wiad Lek** 1984 Apr 15;37(8):613-8 (Eng. Abstr.) **(Pol)**

[Prevention and treatment of hemorrhoids in pregnant women and puerperants] Mun NV. **Khirurgiia (Mosk)** 1985 Feb;(2):67-72 (Eng. Abstr.) **(Rus)**

[Prevention and treatment of hemorrhoids during pregnancy] Mun NV. **Khirurgiia (Mosk)** 1984 Nov;(11):64-7 (Eng. Abstr.) **(Rus)**

PSYCHOLOGY

[Pregnancy in women with heart diseases--selected psychological aspects] Pajszczyk-Kieszkiewicz T, et al. **Pol Tyg Lek** 1984 Aug 27;39(35):1165-7 (Eng. Abstr.) **(Pol)**

RADIOGRAPHY

Periportal sinusoidal dilatation associated with pregnancy. Fisher MR, et al. **Cardiovasc Intervent Radiol** 1984; 7(6):299-302

SURGERY

Sodium nitroprusside, pregnancy and multiple intracranial aneurysms. Willoughby JS. **Anaesth Intensive Care** 1984 Nov;12(4):351-7 (74 ref.)

Sodium nitroprusside, pregnancy and multiple intracranial aneurysms. Willoughby JS. **Anaesth Intensive Care** 1984 Nov;12(4):358-60

Thrombosis of mitral valve prosthesis during pregnancy--successful surgical treatment. Pavankumar P, et al. **Indian Heart J** 1985 Mar-Apr;37(2):125-7

Fetomaternal outcome in pregnancies after total correction of the tetralogy of Fallot. Nissenkorn A, et al. **Int Surg** 1984 Apr-Jun;69(2):125-8

Life-threatening epistaxis in pregnancy. Howard DJ. **J Laryngol Otol** 1985 Jan;99(1):95-6

Successful splenorenal shunt performed during pregnancy. Chattopadhyay TK, et al. **Jpn J Surg** 1984 Sep;14(5):405-6

Mycobacterium fortuitum endocarditis after mitral valve replacement with a bovine prosthesis. Alvarez-Elcoro S, et al. **South Med J** 1985 Jul;78(7):865-6

[Hemostatic hysterectomy of the pregnant uterus. Apropos of 32 cases at the Maternity Center of the Charles Nicolle Hospital in Tunisia] Bouarrouje, et al. **Tunis Med** 1984 Mar-Apr;62(2):143-4 **(Fre)**

[Successful induction of abortion in intrauterine fetal death and operated pulmonary embolism] Kölbl H, et al. **Z Geburtshilfe Perinatol** 1984 Nov-Dec;188(6):285-6 (Eng. Abstr.) **(Ger)**

[Surgical cardiopathies and pregnancy (a 30-year report)] Actis Dato A, et al. **Ann Osp Maria Vittoria Torino** 1983 Jan-Jun;26(1-6):3-68 (Eng. Abstr.) **(Ita)**

[Treatment of varices of the lower extremities during pregnancy] Ciferri N, et al. **Chir Ital** 1982 Oct;34(5):789-99 (Eng. Abstr.) **(Ita)**

[High-dose fentanyl anesthesia in a pregnant patient with Eisenmenger's syndrome] Ogura M, et al. **Masui** 1985 Feb; 34(2):241-6 (Eng. Abstr.) **(Jpn)**

[Closed commissurotomy for health reasons in pregnant women with mitral stenosis] Poniżyński A, et al. **Pol Tyg Lek** 1984 Aug 27;39(35):1169-70 (Eng. Abstr.) **(Pol)**

THERAPY

The perinatal management of pregnancy complicated by massive intracerebral hemorrhage. Reece EA, et al. **Am J Perinatol** 1984 Apr;1(3):266-7

Chronic hypertension in pregnancy. Gallery ED. **Aust NZ J Obstet Gynaecol** 1984 May;24(2):76-9

Acute severe hypertension in pregnancy. Korda AR, et al. **Aust NZ J Obstet Gynaecol** 1984 May;24(2):72-5 (0 ref.)

Life support for 10 weeks with successful fetal outcome after fatal maternal brain damage. Heikkinen JE, et al. **Br Med J [Clin Res]** 1985 Apr 27;290(6477):1237-8

Shoulder-out immersion in pregnant women. Goodlin RC, et al. **J Perinat Med** 1984;12(4):173-7

Hypertension in pregnant women. Gallery ED. **Med J Aust** 1985 Jul 8;143(1):23-7 (60 ref.)

Managing hypertension in pregnancy [editorial] Oats JM. **Med J Aust** 1985 Jul 8;143(1):4-5

Management of medical problems in pregnancy--severe cardiac disease. Sullivan JM, et al. **N Engl J Med** 1985 Aug 1;313(5):304-9 (33 ref.)

Pregnancy after valve replacement with porcine xenograft prosthesis. Deviri E, et al. **Surg Gynecol Obstet** 1985 May; 160(5):437-43

[Cerebrovascular disorders in pregnancy and the puerperium] Yang LC. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Oct; 17(5):268-70 (Eng. Abstr.) **(Chi)**

[Varices of the lower limbs and pregnancy] Schadeck M, et al. **Phlebologie** 1984 Oct-Dec;37(4):561-9 (Eng. Abstr.) **(Fre)**

[A case of intrauterine fetal retardation with polycythemia in a patient with a pacemaker] Plesse R, et al. **Zentralbl Gynakol** 1984;106(23):1547-50 (Eng. Abstr.) **(Ger)**

[Treatment of arrhythmia in pregnancy] Halawa B. **Pol Tyg Lek** 1984 Aug 27;39(35):1175-9 (33 ref.) **(Pol)**

[Cardioversion in the 36th week of pregnancy] Podolecki A, et al. **Wiad Lek** 1985 Feb 1;38(3):244-6 **(Pol)**

[Angiodysplasia of the pelvis in women] Anichkov MN, et al. **Vestn Khir** 1984 Nov;133(11):77-9 **(Rus)**

[Materno-neonatal management and complications in patients with cardiac valvular prosthesis and in anticoagulant treatment] Babul J, et al. **Rev Chil Obstet Ginecol** 1982; 47(6):415-26 (Eng. Abstr.) **(Spa)**

URINE

Urinary kallikrein in normal pregnancy, pregnancy with hypertension, and toxemia. Kovatz S, et al. **Nephron** 1985; 40(1):48-51

Hypertension in pregnancy. Prostaglandins, kinins and kallikrein. Karlberg BE, et al. **Scand J Clin Lab Invest [Suppl]** 1984;169:39-47

PREGNANCY COMPLICATIONS, HEMATOLOGIC

Alloimmunization in twin pregnancies. Bowman JM. **Am J Obstet Gynecol** 1985 Sep 1;153(1):7-13

Nonpredictive value of measurements of delta optical density at 450 nm in SS disease. Lindsay MK, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):75-6

Perinatal and neonatal aspects of maternal idiopathic thrombocytopenic purpura. Beck R. **Am J Perinatol** 1984 Apr;1(3):251-8 (43 ref.)

Henoch-Schönlein purpura in pregnancy. Ray M, et al. **Can Med Assoc J** 1985 Jun 15;132(12):1385-6

Obstetric coagulopathies. **Clin Obstet Gynecol** 1985 Mar; 28(1):1-120

Hereditary coagulopathies in pregnancy. Caldwell DC, et al. **Clin Obstet Gynecol** 1985 Mar;28(1):53-72 (141 ref.)

Thrombotic thrombocytopenic purpura and hemolytic uremic syndrome in pregnancy. Kwaan HC. **Clin Obstet Gynecol** 1985 Mar;28(1):101-6

Neonatal pancytopenia and severe combined immunodeficiency associated with antenatal administration of azathioprine and prednisone. DeWitte DB, et al. **J Pediatr** 1984 Oct;105(4):625-8

Glycosylated hemoglobin (HbA1) and hemoglobinopathies in pregnancy. Baxi L, et al. **J Perinat Med** 1984;12(3):133-6

Treatment of fetal distress with a transfusion in the severely anemic patient with sickle-cell disease. A case report. Stark CF, et al. **J Reprod Med** 1985 Mar;30(3):200-2

Hemoglobin E and pregnancy. Ferguson JE 2d, et al. **Obstet Gynecol** 1985 Jul;66(1):136-40

Effect of maternal-fetal platelet incompatibility on fetal development [letter] Palchak AE, et al. **Pediatrics** 1984 Oct; 74(4):570

Onyalai in pregnancy--effects on the mother and the newborn. Hesseling PB. **S Afr Med J** 1985 Feb 16; 67(7):252-3

[Repeated pregnancy loss due to alpha-thalassemia--report of 3 cases] Kuo CK, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jul;83(7):724-9 (Eng. Abstr.) **(Chi)**

[Anemia in the etiology of threatened late abortion and premature labor] Mardešić T. **Cesk Gynekol** 1985 Jun; 50(5):356-9 **(Cze)**

[Treatment of arterial hypertension in pregnancy with an alpha-beta blocker. 58 Cases treated with labetalol] Gérard J, et al. **Rev Fr Gynecol Obstet** 1984 Nov;79(11):713-7 (Eng. Abstr.) **(Fre)**

[Pregnancy in Fanconi's anemia] Zakut H, et al. **Harefuah** 1984 Nov 1;107(9):238-9 (Eng. Abstr.) **(Heb)**

[Maternal-fetal alloimmunization in the Gm and InV system (inverse type of immunization in pregnancy)] Sušaković N, et al. **Bilt Hematol Transfuz** 1984;12(2):43-50 (Eng. Abstr.) **(Ser)**

[Uncomplicated pregnancy and paroxysmal nocturnal hemoglobinuria. Study of 4 patients] Avilés A, et al. **Ginecol Obstet Mex** 1984 Aug;52(328):187-90 (Eng. Abstr.) **(Spa)**

BLOOD

Abruptio placentae and disseminated intravascular coagulation. Gilabert J, et al. **Acta Obstet Gynecol Scand** 1985;64(1):35-9

Correlation between 2,3-diphosphoglycerate and red cell mass in the third trimester of pregnancy. Tsai CH, et al. **Acta Obstet Gynecol Scand** 1985;64(4):303-5

The kinin-forming enzyme system in pregnancy and obstetrical DIC. Maki M, et al. **Bibl Haematol** 1983; (49):239-46

Pregnancy in carriers of high-affinity hemoglobins. Charache S, et al. **Blood** 1985 Mar;65(3):713-8

Postpartum resolution of hypocalcemia in a lactating hypoparathyroid patient. Rude RK, et al. **Endocrinol Jpn** 1984 Jun;31(3):227-33

Thalassaemia trait and pregnancy. White JM, et al. **J Clin Pathol** 1985 Jul;38(7):810-7

The influence of anti-anaemic treatments on the distribution of circulating erythrocytes of different ages during pregnancy. Micheli V, et al. **J Int Med Res** 1985; 13(3):163-8

Low maternal serum alpha-fetoprotein and Down syndrome [editorial] **Lancet** 1985 Feb 2;1(8423):259-60

The unreliability of amniotic fluid bilirubin measurements in isoimmunized pregnancies in sickle cell disease patients. Hadi HA, et al. **Obstet Gynecol** 1985 May;65(5):758-60

Idiopathic thrombocythemia and pregnancy: report of a case. Kaibara M, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):18S-19S

Spurious thrombocytopenia during pregnancy. Solanki DL, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):14S-17S

[Irregular erythrocyte antibodies during pregnancy] van Dijk BA, et al. **Ned Tijdschr Geneeskd** 1985 Jul 20; 129(29):1361-4 **(Dut)**

[Coagulation disorders in pregnancy toxemias and pre-eclampsia] Weenink GH, et al. **Ned Tijdschr Geneeskd** 1984 Oct 20;128(42):1985-9 (Eng. Abstr.) **(Dut)**

[A study of the mean concentration of plasma antithrombin III in arterial hypertension in pregnancy] Berardi JC, et al. **Rev Fr Gynecol Obstet** 1984 Nov;79(11):709-12 (Eng. Abstr.) **(Fre)**

[Thrombocytopenia in pregnancy] Stumpf C, et al. **Zentralbl Gynakol** 1985;107(13):827-31 (Eng. Abstr.) **(Ger)**

[Hemodilution and anemia in pregnancy and fetal development] Kaibara M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1893-900 (Eng. Abstr.) **(Jpn)**

[Detection of anti-C+D+G (CD) caused by Rh-incompatible pregnancy] Nakamura Y, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Mar; 37(3):457-60 **(Jpn)**

[Selected biochemical indicators of fetal risk in cases of Rh(D) isoimmunization] Dobryszycka W, et al. **Pol Tyg Lek** 1985 Jan 14;40(2):29-32 (Eng. Abstr.) **(Pol)**

[Serum alpha-tocopherol levels in women with physiological pregnancy and pregnancy complications] Ashmis VK, et al. **Akush Ginekol (Mosk)** 1985 May;(5):22-4 (Eng. Abstr.) **(Rus)**

[Folic acid and vitamin B 12 levels in the blood of healthy pregnant women and in patients with anemia of various degrees of severity] Ergina TP. **Akush Ginekol (Mosk)** 1984 Dec;(12):25-7 (Eng. Abstr.) **(Rus)**

[Characteristics of the metabolism of erythrocytes in pregnant women with anemia] D'iakova NG. **Gematol Transfuziol** 1985 Jun;30(6):37-42 (Eng. Abstr.) **(Rus)**

CHEMICALLY INDUCED

Diflunisal-induced maternal anemia as a cause of teratogenicity in rabbits. Clark RL, et al. **Teratology** 1984 Dec;30(3):319-32

CONGENITAL

Diamond-Blackfan syndrome in adult patients. Balaban EP, et al. **Am J Med** 1985 Mar;78(3):533-8

DIAGNOSIS

Thrombotic thrombocytopenic purpura mimicking toxemia of pregnancy. Vandekerckhove F, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):320-2

Thrombotic thrombocytopenic purpura developing during pregnancy in a C2-deficient patient with a history of systemic lupus erythematosus. Dixit R, et al. **Arthritis Rheum** 1985 Mar;28(3):341-4

Hemoglobin E disease in pregnancy. Das CK. **Int J Gynaecol Obstet** 1984 Oct;22(5):389-91

Henoch-Schönlein purpura in pregnancy. Siroty RR. **J Med Soc NJ** 1985 Jul;82(7):535-6

Methaemoglobinaemia in pregnancy [letter] Klein M, et al. **S Afr Med J** 1985 Apr 20;67(16):617

DIET THERAPY

[Use of a special-purpose product in the treatment of anemia in pregnancy] Shaikhova GI, et al. **Akush Ginekol (Mosk)** 1985 Jan;(1):51-4 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Use of Hickman catheter during pregnancy [letter] Catanzarite VA, et al. **Am J Obstet Gynecol** 1985 Mar 1; 151(5):704-5

Unsuccessful treatment of fetal immunologic thrombocytopenia with dexamethasone. Yin CS, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):316-7

Follow-up study of children whose mothers were treated with warfarin during pregnancy. Chong MK, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1070-3

Efficacy of iron therapy: a comparative evaluation of four iron preparations administered to anaemic pregnant women. Fochi F, et al. **J Int Med Res** 1985;13(1):1-11

Hereditary antithrombin III deficiency and pregnancy: report of two cases and review of the literature. Nelson DM, et al. **Obstet Gynecol** 1985 Jun;65(6):848-53

In vivo recovery of antithrombin concentrates. Handeland GF, et al. **Thromb Res** 1985 Jul 1;39(1):133-8

[Indications, contraindications and control of heparin use in obstetrical practice] Makatsariia AD. **Akush Ginekol (Mosk)** 1985 Jan;(1):68-71 **(Rus)**

ETIOLOGY

Aplastic anemia occurring as amegakaryocytic thrombocytopenia with and without an inhibitor of granulopoiesis. Slater LM, et al. **Am J Hematol** 1985 Mar; 18(3):251-4

Sepsis and coagulation. Beller FK. **Clin Obstet Gynecol** 1985 Mar;28(1):46-52

Intrauterine fetal demise and hemostatic failure: the fetal death syndrome. Romero R, et al. **Clin Obstet Gynecol** 1985 Mar;28(1):24-31

Abruptio placentae with coagulopathy: a rational basis for management. Sher G, et al. **Clin Obstet Gynecol** 1985 Mar; 28(1):15-23

Examination of the causes of early pregnancy-associated

READEX pages tightly bound

thrombocytopenia in mice. O'Neill C. **J Reprod Fertil** 1985 Mar;73(2):567-77

Does chorionic villus sampling cause fetomaternal haemorrhage? [letter] Warren RC, et al. **Lancet** 1985 Mar 23;1(8430):691

Disseminated intravascular coagulation--the clinician's dilemma. Naumann RO, et al. **Obstet Gynecol Surv** 1985 Aug;40(8):487-92

Folate and vitamin B12 deficiency among parturients from Porto Alegre, Brazil. Giugliani ER, et al. **Rev Invest Clin** 1984 Apr-Jun;36(2):133-6

[A typical case of DIC precipitated by cesarean section done for severe toxemia of pregnancy and a follow up laboratory study of the progress of DIC] Nishijima S, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Nov; 36(11):2072-8 (Eng. Abstr.) **(Jpn)**

FAMILIAL & GENETIC

[Pregnancy complications in women with a (double) heterozygote hemoglobinopathy] Landman H, et al. **Ned Tijdschr Geneeskd** 1985 Mar 30;129(13):598-601 (Eng. Abstr.) **(Dut)**

[Fanconi's disease with late disclosure during pregnancy. Cytogenetic study (letter)] Bauters F, et al. **Presse Med** 1984 Nov 17;13(41):2519-20 **(Fre)**

IMMUNOLOGY

Lupus pregnancy. II. Unusual pattern of hypocomplementemia and thrombocytopenia in the pregnant patient. Lockshin MD, et al. **Arthritis Rheum** 1985 Jan;28(1):58-66

Immunologic thrombocytopenic purpura. Rote NS, et al. **Clin Obstet Gynecol** 1985 Mar;28(1):84-100 (34 ref.)

[Antibody-dependent cell-mediated cytotoxicity: a method of predicting the severity of fetomaternal alloimmunization in the Rhesus system? A retrospective study of 32 cases] Guimbretière J, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(2):179-85 (Eng. Abstr.) **(Fre)**

OCCURRENCE

A screening protocol for a prenatal population at risk for inherited hemoglobin disorders: results of its application to a group of Southeast Asians and blacks. Stein J, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):333-41

Anaemia of pregnancy. Mayet FG. **S Afr Med J** 1985 May 17;67(20):804-9

Anaemia in antenatal patients in Montserrat. Bramble D, et al. **West Indian Med J** 1984 Jun;33(2):92-6

PATHOLOGY

Maternal death associated with sickle cell trait. Pastorek JG 2d, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):295-7

[Association of bone marrow aplasia and pregnancy: new cases] Sierra J, et al. **Med Clin (Barc)** 1985 Jan 19;84(2):65-7 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Hydrops foetalis in 3 infants of a mother with acquired chronic pure red cell aplasia: transitory red cell aplasia in 1 of the infants. Oie BK, et al. **Scand J Haematol** 1984 Nov;33(5):466-70

[The condition of newborn infants from risk pregnancies and HPL concentration in the blood of their mothers] Rybakowa M, et al. **Folia Med Cracov** 1984;25(1-2):3-7 (Eng. Abstr.) **(Pol)**

[Course of labor in Rh isoimmunization] Marianowski L, et al. **Ginekol Pol** 1984 Aug;55(8):577-81 (Eng. Abstr.) **(Pol)**

[Spirometric studies in women during normal pregnancy and in pregnancy complicated by anemia] Skrzypiec R. **Ginekol Pol** 1984 Jul;55(7):487-91 (Eng. Abstr.) **(Pol)**

[Characteristics of hemodynamics in anemia in pregnancy] Shekhtman MM, et al. **Akush Ginekol (Mosk)** 1985 Jan; (1):46-8 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Inflation device to prevent aortocaval compression during pregnancy. Endler GC, et al. **Anesth Analg** 1985 Oct; 64(10):1015-6

Bone marrow status of anaemic pregnant women on supplemental iron and folic acid in a Nigerian community. Okafor LA, et al. **Angiology** 1985 Aug;36(8):500-3

Prophylaxis of thromboembolism in pregnancy: an alternative. Lao TT, et al. **Br J Obstet Gynaecol** 1985 Mar; 92(3):202-6

[Absorption of iron from milk enriched with ferrous sulfate for the prevention of anemia in pregnancy] Grebe G, et al. **Rev Med Chil** 1984 Dec;112(12):1195-200 (Eng. Abstr.) **(Spa)**

THERAPY

High-dose intravenous IgG in the management of pregnancy in women with idiopathic thrombocytopenic purpura. Besa EC, et al. **Am J Hematol** 1985 Apr;18(4):373-9

Immune thrombocytopenia in pregnancy and the newborn [editorial] Hegde UM. **Br J Obstet Gynaecol** 1985 Jul; 92(7):657-9

Thrombotic thrombocytopenic purpura: report of fourteen cases--occurrence during pregnancy and response to plasma exchange. Caggiano V, et al. **J Clin Apheresis** 1983; 1(2):71-85 (150 ref.)

Thrombotic thrombocytopenic purpura in early pregnancy. Ambrose A, et al. **Obstet Gynecol** 1985 Aug;66(2):267-72

Pregnancy complicated by rhesus sensitization and the May-Hegglin anomaly. Duff P, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):7S-10S

Immunologic thrombocytopenia in pregnancy; use of antenatal immunoglobulin therapy: case report and review. Lavery JP, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):41S-43S

Recurrent thrombotic thrombocytopenic purpura in early pregnancy: effect of uterine evacuation. Natelson EA, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):54S-56S

Thrombotic thrombocytopenic purpura in pregnancy: response to plasma manipulations. Upshaw JD Jr, et al. **South Med J** 1985 Jun;78(6):677-80

Aplastic anemia and pregnancy. Hsu MC, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Nov;83(11):1128-35

Traditional treatment of pregnancy anaemia in Nigeria. An indication for modern therapeutics. Elegbe I, et al. **Trop Doct** 1984 Oct;14(4):175-7

[Acute fatty liver in pregnancy--treatment of hemorrhagic diathesis] Haapanen E, et al. **Z Geburtshilfe Perinatol** 1985 Jan-Feb;189(1):22-4 (Eng. Abstr.) **(Ger)**

[A case of Evans' syndrome: thrombocytopenia improved by artificial abortion] Ohtsuki T, et al. **Rinsho Ketsueki** 1984 Nov;25(11):1814-8 (Eng. Abstr.) **(Jpn)**

[Prevention and treatment of anemia in pregnant women in a prenatal care clinic] Dzhabbarova IuK. **Akush Ginekol (Mosk)** 1985 Jan;(1):59-64 **(Rus)**

[Effectiveness of daytime hospitals in the prevention of complications of pregnancy and labor in patients with chronic anemia] Mordukhovich AS, et al. **Akush Ginekol (Mosk)** 1985 Jan;(1):48-51 (Eng. Abstr.) **(Rus)**

PREGNANCY COMPLICATIONS, INFECTIOUS

The clinical importance of bacterial urinary tract infections during pregnancy. I. Premature delivery, dismaturity. Berbik I, et al. **Acta Chir Hung** 1984;25(4):239-48

The clinical importance of bacterial urinary tract infections during pregnancy. II. Events during delivery. Berbik I, et al. **Acta Chir Hung** 1984;25(4):249-55

The clinical importance of urinary tract infections during pregnancy. III. Neonatal morbidity and mortality. Berbik I, et al. **Acta Chir Hung** 1984;25(4):257-68

Viral infections in pregnancy. Taina E, et al. **Acta Obstet Gynecol Scand** 1985;64(2):167-73

Prosthetic valve endocarditis in pregnancy. Zimmerman J, et al. **Acta Obstet Gynecol Scand** 1984;63(8):731-2

Illnesses in infants born to women with Chlamydia trachomatis infection. A prospective study. Schaefer C, et al. **Am J Dis Child** 1985 Feb;139(2):127-33

Maternal urinary tract infection and adverse fetal outcomes. McGrady GA, et al. **Am J Epidemiol** 1985 Mar; 121(3):377-81

Congenital herpes simplex type II infection. Monif GR, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1000-2

Infection and phagocytosis as possible mechanisms of rupture in premature rupture of the membranes. Sbarra AJ, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):38-43

Maternal-fetal transmission of the Lyme disease spirochete, Borrelia burgdorferi. Schlesinger PA, et al. **Ann Intern Med** 1985 Jul;103(1):67-8

Perinatal transmission of hepatitis B. Zuckerman AJ. **Arch Dis Child** 1984 Nov;59(11):1007-9

Spontaneous abortion--an infectious aetiology? Munday PE, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1177-80

Sexually transmitted diseases among randomly selected attenders at an antenatal clinic in The Gambia. Mabey DC, et al. **Br J Vener Dis** 1984 Oct;60(5):331-6

Infection with parvovirus during pregnancy [letter] Brown T, et al. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):559-60

Long term effects of exposure to viral infections in utero. Fine PE, et al. **Br Med J [Clin Res]** 1985 Feb 16; 290(6467):509-11

National Congenital Rubella Surveillance Programme 1 July 1971-30 June 1984. Smithells RW, et al. **Br Med J [Clin Res]** 1985 Jul 6;291(6487):40-1

Hepatitis B vaccine in neonates: induction of anti-HBs immune response and interruption of maternal HBsAg transmission. Wang YJ, et al. **Chin Med J [Engl]** 1985 Apr; 98(4):265-70

Follow-up study of survivors of fetal and early onset neonatal listeriosis. Evans JR, et al. **Clin Invest Med** 1984; 7(4):329-34

Sepsis and coagulation. Beller FK. **Clin Obstet Gynecol** 1985 Mar;28(1):46-52

Acute urinary tract infections in pregnancy. Hankins GD, et al. **Clin Obstet Gynecol** 1985 Jun;28(2):266-78

The message of 'rheumatism': a symptom of leprosy in pregnancy and lactation. Duncan ME, et al. **Ethiop Med J** 1985 Apr;23(2):49-58

Complications of amoebiasis in pregnancy and puerperium. Wig JD, et al. **Indian J Gastroenterol** 1984 Jan;3(1):37-8

Maternal-child hepatitis B virus transmission in Singapore. Chan SH, et al. **Int J Epidemiol** 1985 Mar;14(1):173-7

Plasmodium falciparum malaria and acute fulminant hepatitis. Gupta OK, et al. **J Assoc Physicians India** 1984 Oct; 32(10):921

A study of seropositive syphilitic cases during pregnancy. Vaidya PR, et al. **J Indian Med Assoc** 1984 Aug;82(8):272-4

Congenital defects due to reactivation of latent murine cytomegaloviral infection during pregnancy. Baskar JF, et al. **J Infect Dis** 1985 Sep;152(3):621-4

Vertical transmission of HBV hepatitis to fetuses and infants: current advances in prevention [editorial] Alagille D. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):515-7

Prevention of perinatally transmitted hepatitis B virus infection by hepatitis B immunoglobulin immunoprophylaxis: an account of 201 newborn babies of hepatitis Bs antigen carrier mothers. Foschini M, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):523-7

Capnocytophaga isolated from the endometrium as a cause of neonatal sepsis. A case report. Mercer LJ. **J Reprod Med** 1985 Jan;30(1):67-8

Herpes gestationis. A report of two cases. Starks GC. **J Reprod Med** 1984 Jul;29(7):493-5

The placenta as a site of cytomegalovirus infection in guinea pigs. Griffith BP, et al. **J Virol** 1985 Aug;55(2):402-9

Urinary tract infection during pregnancy [editorial] **Lancet** 1985 Jul 27;2(8448):190-2

Intrauterine parvovirus infection associated with hydrops fetalis [letter] Brown T, et al. **Lancet** 1984 Nov 3; 2(8410):1033-4

Urinary tract infection during pregnancy and sudden unexpected infant death [letter] Gardner A. **Lancet** 1985 Aug 31;2(8453):495

Treatment of gonococcal ophthalmia [letter] Leung AK. **Med J Aust** 1985 Apr 15;142(8):453

Vaccination, one; maternal rubella, nil [letter] Upfold LJ. **Med J Aust** 1985 Sep 2;143(5):219

Amniotic fluid infection with intact membranes in relation to stillborns. Royston D, et al. **Obstet Gynecol** 1985 May; 65(5):745-6

Herpes gestationis with transient bullous lesions in the newborn. Bonifazi E, et al. **Pediatr Dermatol** 1984 Jan; 1(3):215-8

The effect of maternal measles on the fetus. Gazala E, et al. **Pediatr Infect Dis** 1985 Mar-Apr;4(2):203-4

Severe neonatal rubella following maternal infection. Sheinis M, et al. **Pediatr Infect Dis** 1985 Mar-Apr;4(2):202-3

Newborn sepsis following antepartum group B streptococcal maternal infection in rats. Noel GJ, et al. **Pediatr Res** 1985 Mar;19(3):297-9

Malaria reactivated by pregnancy. Shaw LM. **Practitioner** 1985 Feb;229(1400):107-9

Prenatal detection of rubella-specific IgM in fetal sera. Morgan-Capner P, et al. **Prenat Diagn** 1985 Jan-Feb; 5(1):21-6

General conclusions of the workshop on infectious diseases. Desmonts G. **Prog Clin Biol Res** 1985;163B:313-6

Pre- and postnatal bacterial infections as risk factors of the perinatal leucoencephalopathies. Leviton A, et al. **Prog Clin Biol Res** 1985;163B:75-9

Approaches used for the detection of infectious agents as human teratogens. Sever JL. **Prog Clin Biol Res** 1985; 163C:215-20

International symposium on prevention of congenital rubella infection. Washington, D.C., March 13-15, 1984. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S1-215

The role of Brucella abortus in spontaneous abortion among the black population. Fernihough TJ, et al. **S Afr Med J** 1985 Sep 14;68(6):379-80

Malaria in pregnancy. Sankar D, et al. **S Afr Med J** 1985 Mar 16;67(11):403-4

Parents of infants with ophthalmia neonatorum: a high-risk group for sexually transmitted diseases. Fransen L, et al. **Sex Transm Dis** 1985 Jul-Sep;12(3):150-4

[Effects of hepatitis B vaccine in neonates: induction of an anti-HBs immune response and interruption of maternal HBsAg transmission] Wang YJ. **Chung Hua I Hsueh Tsa Chih** 1984 Dec;64(12):741-4, 792 (Eng. Abstr.) **(Chi)**

[Relationship between rubella-infected pregnancies and the occurrence of congenital physical defects in newborn infants] **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Aug;5(4):203-5 (Eng. Abstr.) **(Chi)**

[Mother-to-infant transmission of asymptomatic HBsAg carrier state] Liang RL. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Jun; 5(3):138-42 (Eng. Abstr.) **(Chi)**

[A new look at obstetrical infections] Koleta F. **Cesk Gynekol** 1984 Sep;49(8):574-84 (117 ref.) **(Cze)**

[Possible role of environmental factors in the development of congenital chromosomal aberrations] Kučerová M, et al. **Cesk Gynekol** 1985 Apr;50(3):183-7 (Eng. Abstr.) **(Cze)**

[Herpes zoster in infants] Siersted HC, et al. **Ugeskr Laeger** 1984 Aug 13;146(33):2487-8 (Eng. Abstr.) **(Dan)**

[Urinary tuberculosis and the pregnant woman] Debré B, et al. **Ann Urol (Paris)** 1985;19(1):63-4 (Eng. Abstr.) **(Fre)**

[Acquired toxoplasmic chorioretinitis with a late onset] Leblanc A, et al. **Arch Fr Pediatr** 1985 Jan;42(1):37-9 (Eng. Abstr.) **(Fre)**

[Viral hepatitis and pregnancy (apropos of 40 cases)] Oukhouia B, et al. **Maroc Med** 1985 Jun;7(2):572-8 (Eng. Abstr.) **(Fre)**

[Neonatal gonococcus conjunctivitis (prevention–epidemiology) (letter)] Berardi L, et al. **Presse Med** 1985 Apr 20;14(16):895 (Fre)

[Hepatitis B in children. Value of familial surveys (letter)] Goudeau A, et al. **Presse Med** 1984 Oct 27;13(38):2321–2 (Fre)

[Chlamydia trachomatis in pregnancy] Herman A, et al. **Harefuah** 1984 Aug;107(3–4):92–3 (Heb)

[Incidence of fetal damage after the 1978–79 measles epidemic in northeastern Hungary] Lehel F, et al. **Orv Hetil** 1984 Nov 18;125(47):2863–70 (Eng. Abstr.) (Hun)

[Malaria and pregnancy] Bianchi L, et al. **Ann Ostet Ginecol Med Perinat** 1984 Jul–Aug; 105(4):246–52 (Eng. Abstr.) (Ita)

[Viral infections and pregnancy: rubella] Robibaro C, et al. **Clin Ter** 1984 Aug 15;110(3):265–9 (Eng. Abstr.) (Ita)

[Prevention of perinatal transmission of hepatitis B virus infection by HB–Ig and HB–vaccine] Ohryohji F, et al. **Fukuoka Igaku Zasshi** 1984 Oct;75(10):594–7 (Eng. Abstr.) (Jpn)

[Preventive use of heparin in women with septic abortion and pyelonephritis in pregnancy] Zrubek H, et al. **Ginekol Pol** 1984 Nov;55(11):855–8 (Eng. Abstr.) (Pol)

[Chickenpox in a pregnant women as a cause of severe morphological anomalies and lack of spontaneous vital functions in a newborn infant] Karkowski MK. **Wiad Lek** 1984 Dec 15;37(24):1969–70 (Eng. Abstr.) (Pol)

[Intrauterine infection as a fetal risk factor] Zdziennicki A. **Wiad Lek** 1984 Oct 1;37(19):1533–6 (26 ref.) (Eng. Abstr.) (Pol)

[Urologico–nephrologic status in patients who had acute cystopyelonephritis during pregnancy] Zajacová E, et al. **Bratisl Lek Listy** 1985 Feb;83(2):109–16 (Eng. Abstr.) (Slo)

[Reno–ileal fistula as a complication of xanthogranulomatous pyelonephritis] Ramírez Ruiz F, et al. **Actas Urol Esp** 1985 Mar–Apr;9(2):169–72 (Eng. Abstr.) (Spa)

[Typhic intestinal perforation and pregnancy] Vantman D, et al. **Rev Chil Obstet Ginecol** 1981;46(6):315–9 (Eng. Abstr.) (Spa)

BLOOD

[Pharmacokinetic studies of azlocillin in pregnancy] Voigt R, et al. **Z Geburtshilfe Perinatol** 1985 Mar–Apr; 189(2):88–90 (Eng. Abstr.) (Ger)

[Fundamental and clinical studies on latamoxef in the perinatal period] Takase Z, et al. **Jpn J Antibiot** 1984 Jun; 37(6):991–1005 (Eng. Abstr.) (Jpn)

DIAGNOSIS

Asymptomatic parturient women with high–virulence bacteria in the amniotic fluid. Gibbs RS, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):650–4

Evaluation of gas–liquid chromatography for the rapid diagnosis of amniotic fluid infection: a preliminary report. Wager GP, et al. **Am J Obstet Gynecol** 1985 May 1; 152(1):51–6

TORCH serologies and specific IgM antibody determination in acquired and congenital infections. Fung JC, et al. **Ann Clin Lab Sci** 1985 May–Jun;15(3):204–11

Intrauterine tuberculosis as a complication of early pregnancy. Jones HS. **Br J Clin Pract** 1985 Jan;39(1):39–40

Detection and management of syphilis in pregnancy. Buttigieg G. **Br J Hosp Med** 1985 Jan;33(1):28–31

Genital infections with Chlamydia trachomatis in women attending an antenatal clinic. Wood PL, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1171–6

Serologically proved intrauterine infection with parvovirus. Knott PD, et al. **Br Med J [Clin Res]** 1984 Dec 15; 289(6459):1660

Infection with parvovirus during pregnancy [letter] Wright EP, et al. **Br Med J [Clin Res]** 1985 Jan 19;290(6463):241

A case–control study of stillbirths at a teaching hospital in Zambia, 1979–80: serological investigations for selected infectious agents. Watts TE, et al. **Bull WHO** 1984; 62(5):803–8

Blastomycosis during pregnancy. Daniel L, et al. **Can Med Assoc J** 1984 Oct 1;131(7):759–61

Plasmodium falciparum malaria mimicking autoimmune hemolytic anemia during pregnancy. Drouin J, et al. **Can Med Assoc J** 1985 Feb 1;132(3):265–7

Comparison of three serological methods—enzyme–linked immunosorbent assay, complement fixation, and microagglutination—in the diagnosis of human perinatal Listeria monocytogenes infection. Hudak AP, et al. **Clin Invest Med** 1984;7(4):349–54

Acute urinary tract infections and subsequent problems. Harris RE. **Clin Obstet Gynecol** 1984 Dec;27(4):874–90

Screening for syphilis in pregnancy: an assessment of the costs and benefits. Williams K. **Community Med** 1985 Feb; 7(1):37–42

Identification of viral infections in pregnancy by assay of (2'–5')–oligo–isoadenylate synthetase. Schoenfeld A, et al. **Early Hum Dev** 1985 Jan;10(3–4):279–86

Detection of active Epstein–Barr infection in pregnant women. Costa S, et al. **Eur J Clin Microbiol** 1985 Jun; 4(3):335–6

Ultrasonographic confirmation of a thigh abscess. Beckmann CR, et al. **IMJ** 1985 Feb;167(2):126–7

Immunoglobulin M antibodies detected by enzyme–linked immunosorbent assay and radioimmunoassay in the diagnosis of cytomegalovirus infections in pregnant women and newborn infants. Stagno S, et al. **J Clin Microbiol** 1985 Jun;21(6):930–5

Clinical and laboratory studies on vaginal trichomoniasis in Egypt. Morsy TA, et al. **J Egypt Soc Parasitol** 1984 Dec; 14(2):329–34

Screening for asymptomatic bacteriuria in pregnancy. Campos–Outcalt DE, et al. **J Fam Pract** 1985 Jun; 20(6):589–91

Pregnant women in contact with rubella [letter] Echevarria C, et al. **J Infect** 1985 Jul;11(1):80–2

Viral hepatitis B in pregnancy: a case report. Roberts WE, et al. **J Miss State Med Assoc** 1985 Apr;26(4):93–4

Amniocentesis in the identification of inapparent infection in preterm patients with premature rupture of the membranes. Zlatnik FJ, et al. **J Reprod Med** 1984 Sep; 29(9):656–60

Screening of pregnant women and hepatitis B prophylaxis in newborns. Zanetti AR, et al. **J Virol Methods** 1985 Apr; 10(4):341–7

Fetal splenomegaly, ultrasound diagnosis of cytomegalovirus infection: a case report. Eliezer S, et al. **JCU** 1984 Oct; 12(8):520–1

Prevalence of Chlamydia trachomatis in the pregnant cervix. Khurana CM, et al. **Obstet Gynecol** 1985 Aug;66(2):241–3

Relationship of vaginitis to the sex of conceptuses. Minkoff H, et al. **Obstet Gynecol** 1985 Aug;66(2):239–40

Primary cytomegalovirus infection in adolescent pregnancy. Kumar ML, et al. **Pediatrics** 1984 Oct;74(4):493–500

Diagnostic considerations in intra–amniotic syphilis. Glover DD, et al. **Sex Transm Dis** 1985 Jul–Sep;12(3):145–9

Bacterial endocarditis in pregnancy associated with septic renal embolization. Henry DM, et al. **South Med J** 1985 Mar;78(3):355–6

Nineteen cases of plague in Arizona. A spectrum including ecthyma gangrenosum due to plague and plague in pregnancy. Welty TK, et al. **West J Med** 1985 May; 142(5):641–6

Fatal congenital human leptospirosis. Faine S, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Sep;257(4):548

[Serological monitoring for syphilis in pregnant women in Amsterdam] Coutinho RA, et al. **Ned Tijdschr Geneeskd** 1985 Apr 27;129(17):802–3 (Dut)

[The 'usual' forms of urinary infection in pregnant women] Baudet JH. **Ann Urol (Paris)** 1984 Sep;18(5):345–6 (Eng. Abstr.) (Fre)

[Obstetrical procedures for infections in pregnancy (B streptococci, herpes simplex) from the viewpoint of the pediatrician] von Loewenich V. **Gynakologe** 1984 Dec; 17(4):220–4 (Ger)

[Toxoplasmosis screening of pregnant patients in Austria] Coradello H, et al. **Z Geburtshilfe Perinatol** 1984 Sep–Oct; 188(5):197–200 (Eng. Abstr.) (Ger)

[Difficulties in the interpretation of the results of serological tests in the diagnosis of chronic toxoplasmosis in pregnant women] Robaczyński J, et al. **Ginekol Pol** 1984 Jun; 55(6):427–33 (Eng. Abstr.) (Pol)

[Diagnostic criteria in toxoplasmosis] Dzbeński TH, et al. **Pol Tyg Lek** 1984 Aug 27;39(35):1181–3 (21 ref.) (Eng. Abstr.) (Pol)

[Passive hemagglutination, indirect immunofluorescence and complement fixation tests in the diagnosis of toxoplasmosis] Wachnik D. **Pol Tyg Lek** 1984 Aug 27;39(35):1171–3 (Eng. Abstr.) (Pol)

[Evaluation of the results of tests for toxoplasmosis] Wachnik D, et al. **Wiad Lek** 1985 May 1;38(9):640–3 (Eng. Abstr.) (Pol)

[Diagnostic and therapeutic problems of chronic toxoplasmosis in pregnancy] Robaczyński J, et al. **Wiad Parazytol** 1984;30(3):321–30 (Eng. Abstr.) (Pol)

[Suppurative pyelonephritis in pregnancy] Voĭno–Iasenetskiĭ AM, et al. **Akush Ginekol (Mosk)** 1985 May;(5):68–9 (Rus)

[Diagnosis and the results of treatment of acute appendicitis in pregnancy] Ospanov TO, et al. **Klin Med (Mosk)** 1984 Aug;62(8):74–7 (Rus)

[The ELISA test in the diagnosis and treatment of toxoplasmosis in pregnant women] Nemec R, et al. **Bratisl Lek Listy** 1984 Jul;82(1):818–24 (Eng. Abstr.) (Slo)

[Rubella and pregnancy: serological examination in the determination of risks and damage] Marquez A, et al. **Bol Of Sanit Panam** 1984 Aug;97(2):95–104 (Eng. Abstr.) (Spa)

[Gestational tetanus. Report of a clinical case] Ayón Lizarraga JL, et al. **Ginecol Obstet Mex** 1984 Oct; 52(330):257–62 (Eng. Abstr.) (Spa)

[Appendicitis and pregnancy] Herrera M, et al. **Rev Chil Obstet Ginecol** 1983;48(3):139–45 (Eng. Abstr.) (Spa)

[Diagnosis of primary German measles and reinfection in pregnant women] Echevarriá C, et al. **Rev Sanid Hig Publica (Madr)** 1983 Jul–Aug;57(7–8):701–13 (Eng. Abstr.) (Spa)

DRUG THERAPY

Imipenem/cilastatin in the treatment of obstetric and gynecologic infections. Berkeley AS, et al. **Am J Med** 1985 Jun 7;78(6A):79–84

Contraindication of ketoconazole in pregnancy [letter] McGregor JA, et al. **Am J Obstet Gynecol** 1984 Nov 15; 150(6):793–4

The placental transfer of ampicillin. Adamkin DH, et al. **Am J Perinatol** 1984 Jul;1(4):310–1

Listeria meningitis during pregnancy. Boucher M, et al. **Am J Perinatol** 1984 Jul;1(4):312–8

Comparative study of amoxicillin–clavulanic acid and cephalexin in the treatment of bacteriuria during pregnancy. Pedler SJ, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):508–10

Ritodrine therapy associated with remission of pemphigoid gestationis [letter] Macdonald KJ, et al. **Br J Dermatol** 1984 Nov;111(5):630

Single–dose amoxycillin in the treatment of bacteriuria in pregnancy and the puerperium—a controlled clinical trial. Masterton RG, et al. **Br J Obstet Gynaecol** 1985 May; 92(5):498–505

Comparative effects of cotrimoxazole (trimethoprim–sulphamethoxazole) and spiramycin in pregnant mice infected with Toxoplasma gondii (Beverley strain). Nguyen BT, et al. **Br J Pharmacol** 1985 Jul; 85(3):713–6

Treatment of typhoid fever in pregnancy. Buongiorno R, et al. **Chemioterapia** 1984 Apr;3(2):136–9

Efficacy of econazole ('Gyno–Pevaryl' 150) in vaginal candidosis during pregnancy. Goormans E, et al. **Curr Med Res Opin** 1985;9(6):371–7

Comparative double–blind evaluation of the efficacy and tolerability of terconazole 240–mg suppository (1 day) and 80–mg suppositories (3 days) versus clotrimazole 200–mg (3 days) in pregnant patients with vulvovaginal candidosis. Goormans E. **Gynakol Rundsch** 1985;25 Suppl 1:74–82

Vulvovaginal candidosis: definition of the disease and its special problems and treatment in pregnancy. Hirsch HA. **Gynakol Rundsch** 1985;25 Suppl 1:1–5

Antibiotics in pregnancy: toxicity and teratogenicity. Knothe H, et al. **Infection** 1985 Mar–Apr;13(2):49–51

Cefotaxime in caesarian sections in patients with chorioamniotitis. Sangaret AM, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:285–9

Disseminated herpes simplex virus infection in pregnancy. Successful treatment with acyclovir. Lagrew DC Jr, et al. **JAMA** 1984 Oct 19;252(15):2058–9

Use of Betadine in the pregnant woman [letter] McGuinness MA. **JOGN Nurs** 1984 Nov–Dec;13(6):412–3

Quinine and severe falciparum malaria in late pregnancy. Looareesuwan S, et al. **Lancet** 1985 Jul 6;2(8445):4–8

Penicillin allergy and desensitization in serious infections during pregnancy. Wendel GD Jr, et al. **N Engl J Med** 1985 May 9;312(19):1229–32

Successful treatment of maternal septicemia due to Listeria monocytogenes at 26 weeks' gestation. Fleming AD, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):52S–53S

Systemic acyclovir in pregnancy: a case report. Grover L, et al. **Obstet Gynecol** 1985 Feb;65(2):284–7

Pharmacokinetics and safety of antimicrobial agents during pregnancy. Chow AW, et al. **Rev Infect Dis** 1985 May–Jun; 7(3):287–313 (165 ref.)

Syphilis in pregnant black women. Manning B, et al. **S Afr Med J** 1985 Jun 15;67(24):966–7

Lactobacillemia in pregnancy. Digamon–Beltran M, et al. **South Med J** 1985 Sep;78(9):1138–9

Metrifonate in pregnancy [letter] Monson MH, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):565

[Antibiotics and pregnancy] Dabir P, et al. **Ann Urol (Paris)** 1985;19(1):37–8 (Fre)

[Plea for the combination of ampicillin and kanamycin in materno–fetal infection (letter)] Willard D, et al. **Arch Fr Pediatr** 1984 Jun–Jul;41(6):442 (Fre)

[Neonatal syphilis despite erythromycin treatment of the mother] Hartmann JF, et al. **Presse Med** 1984 Oct 6; 13(35):2133–5 (Eng. Abstr.) (Fre)

[Clinical evaluation of sulbactam/cefoperazone in obstetric and gynecological infection] Domon H, et al. **Jpn J Antibiot** 1984 Oct;37(10):1925–7 (Eng. Abstr.) (Jpn)

[Clofazimine in the treatment of impetigo herpetiformis] Zabel J, et al. **Przegl Dermatol** 1984 Mar–Apr;71(2):161–3 (Eng. Abstr.) (Pol)

[Use of antibiotics during pregnancy] Boulos MI. **AMB** 1984 Nov–Dec;30(11–12):243–6 (Eng. Abstr.) (Por)

[Pharmacokinetics of ampicillin and cephalosporin in the bodies of pregnant women and parturients] Shekhtman MM, et al. **Akush Ginekol (Mosk)** 1985 Jan;(1):9–11 (42 ref.) (Rus)

[Pharmacokinetics of cefuroxime in pregnant women with acute pyelonephritis] Akhtamova ZM, et al. **Antibiot Med Biotekhnol** 1985 Feb;30(2):124–8 (Eng. Abstr.) (Rus)

[Ampicillin pharmacokinetics in pregnant women with acute pyelonephritis] Akhtamova ZM, et al. **Antibiot Med Biotekhnol** 1985 Mar;30(3):228–32 (Eng. Abstr.) (Rus)

[Enzymological evaluation of the hepatotoxicity of ampicillin and its therapeutic form, roscillin, in the treatment of pyelonephritis in pregnancy] Tamarkina AD, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):62–4 (Eng. Abstr.) (Rus)

[Chagas disease and pregnancy. Review apropos of a clinical case. Treatment] Almuna R, et al. **Rev Chil Obstet Ginecol** 1981;46(3):107–11 (Eng. Abstr.) (Spa)

ETIOLOGY

Effect of maternal parasitic disease on the neonate. Stratton JA, et al. **Am J Reprod Immunol Microbiol** 1985 Aug; 8(4):141-2

Microaerophilic/anaerobic bacteria as a cause of urinary tract infection in pregnancy. Barr JG, et al. **Br J Obstet Gynaecol** 1985 May;92(5):506-10

An ongoing problem: perinatal infection due to Listeria monocytogenes, an old pathogen reborn. Bortolussi R. **Clin Invest Med** 1984;7(4):213-5

Infection and chorionic villus sampling [letter] **Lancet** 1985 Sep 14;2(8455):609-10

Pregnancy-associated group B streptococcal endocarditis: a report of two fatal cases. Sexton DJ, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):44S-47S

[Cystic dystrophy of the urinary excretory mucosa. An unusual cause of recurring urinary tract infection in pregnancy] Poizat R, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(3):347-50 (Eng. Abstr.) **(Fre)**

[Chlamydia infections in gynecology and obstetrics] Hoyme UB. **Ther Umsch** 1985 Mar;42(3):189-92 (Eng. Abstr.) **(Ger)**

HISTORY

Leprosy and procreation--a historical review of social and clinical aspects. Duncan ME. **Lepr Rev** 1985 Jun; 56(2):153-62

IMMUNOLOGY

Post conception failures in reproduction: infectious diseases and immunitary problems. Scarselli G, et al. **Acta Eur Fertil** 1984 Sep-Oct;15(5):363-7

Cytomegalovirus (CMV) and rubella virus infection during pregnancy. A study of CMV and rubella virus antibodies in 2014 pregnant women and follow-up studies of infants at risk for intrauterine CMV infections. Haukenes G, et al. **Acta Obstet Gynecol Scand** 1984;63(5):431-5

Fatal hepatitis B in infant born to a HBsAg carrier with HBeAb. Ewing CI, et al. **Arch Dis Child** 1985 Mar; 60(3):265-7

Sero-epidemiology of TORCH agents among pregnant Thais. Puthavathana P, et al. **Asian Pac J Allergy Immunol** 1983 Jun;1(1):11-4

The influence of malaria and gestation on the immune response to one and two doses of adsorbed tetanus toxoid in pregnancy. Brabin BJ, et al. **Bull WHO** 1984; 62(6):919-30

Dynamics of Listeria monocytogenes type 4b infection in pregnant and infant rats. Bortolussi R, et al. **Clin Invest Med** 1984;7(4):273-9

The immune response of human neonates to Listeria monocytogenes infection. Issekutz TB, et al. **Clin Invest Med** 1984;7(4):281-6

A study of hepatitis B antigenemia in pregnant females and the risk of transmission to babies. Maheswari TR, et al. **Indian J Gastroenterol** 1985 Apr;4(2):83-4

Markers of viral hepatitis in pregnancy. Maheswari TR, et al. **Indian J Gastroenterol** 1985 Apr;4(2):77-9

NBT dye reduction test & myeloperoxidase activity of neutrophils in pregnant & non-pregnant women. Mohan PS, et al. **Indian J Med Res** 1985 Mar;81:301-5

Subclinical rubella in pregnancy--occurrence and outcome. Fogel A, et al. **Isr J Med Sci** 1985 Feb;21(2):133-8

Clinical hepatitis B in infants born to HBs Ag carrier mothers. Phuapradit P, et al. **J Med Assoc Thai** 1984 Oct;67 Suppl 2:94-7

Hepatitis B surface antigen in asymptomatic carrier mothers and vertical transmission of hepatitis B virus. Theppisai U, et al. **J Med Assoc Thai** 1984 Oct;67 Suppl 2:90-3

Rubella reinfection and the fetus [letter] **Lancet** 1985 May 4;1(8436):1039-41

Detection of rubella-specific IgM in subclinical rubella reinfection in pregnancy. Morgan-Capner P, et al. **Lancet** 1985 Feb 2;1(8423):244-6

Rubella antibodies in a sample of Lusaka mothers. Watts T. **Med J Zambia** 1983 Oct;17(4):109-10

Rubella susceptibility among prenatal and family planning clinic populations. Dorfman SF, et al. **Mt Sinai J Med (NY)** 1985 Apr;52(4):248-52

Pregnancy-induced recrudescences strengthen malarial immunity in mice infected with Plasmodium berghei. van Zon AA, et al. **Parasitology** 1985 Aug;91 (Pt 1):9-17

Maternal and neonatal neutralizing antibody titers to selected enteroviruses. Hammond GW, et al. **Pediatr Infect Dis** 1985 Jan-Feb;4(1):32-5

[Combined passive and active immunization of infants of HbsAg-positive mothers] Mazel JA, et al. **Ned Tijdschr Geneeskd** 1985 Mar 30;129(13):590-4 (Eng. Abstr.) **(Dut)**

[Immunopathological study of bullous pemphigoid, cicatricial pemphigoid and herpes gestationis] Barthélémy H, et al. **Ann Dermatol Venereol** 1985;112(5):403-10 (Eng. Abstr.) **(Fre)**

[Familial autoimmune association: neonatal lupus and herpes gestationis] Enjolras O, et al. **Ann Dermatol Venereol** 1984; 111(8):693-4 **(Fre)**

[Varicella-zoster virus infection and the serologic determination of first-infection immunity] Schneweis KE, et al. **Dtsch Med Wochenschr** 1985 Mar 22;110(12):453-7 (Eng. Abstr.) **(Ger)**

[Manifest chickenpox reinfection in pregnancy with low varicella antibody titer?] Husstedt W, et al. **Geburtshilfe Frauenheilkd** 1984 Oct;44(10):665-6 (Eng. Abstr.) **(Ger)**

[Immune status of rubella in pregnant patients in various parts of West Germany 1984] Sander J, et al. **Off Gesundheitswes** 1985 Jan;47(1):28-31 **(Ger)**

[Detection of toxoplasma-specific IgM antibodies--comparison with the ISAGA (immunosorbent agglutination assay) and immunofluorescence results] Saathoff M, et al. **Z Geburtshilfe Perinatol** 1985 Mar-Apr; 189(2):73-8 (Eng. Abstr.) **(Ger)**

[Immunoprevention of hepatitis B in children of HBsAg-positive pregnant patients] Fengler JD, et al. **Z Gesamte Inn Med** 1984 Jul 15;39(14):326-30 (Eng. Abstr.) **(Ger)**

[Listeria monocytogenes antibodies in pregnant women treated in obstetrics and gynecology hospital departments and outpatient clinics in Poland 1975-1981] Zaremba M, et al. **Ginekol Pol** 1984 Jul;55(7):509-15 (Eng. Abstr.) **(Pol)**

[Preventive value of specific immunoglobulin in children born to mothers infected with hepatitis B virus] Barszcz T, et al. **Pediatr Pol** 1984 Jun;59(6):449-54 (Eng. Abstr.) **(Pol)**

[Infection with hepatitis B virus of children born to mothers-carriers of HBsAg; possibilities of passive immunization] Loch T. **Pol Tyg Lek** 1984 Aug 13; 39(33):1113-6 **(Pol)**

[Health and immunological status of newborn infants born to women with chronic pyelonephritis] Levina NP, et al. **Pediatriia** 1984 Dec;(12):24-6 (Eng. Abstr.) **(Rus)**

[Frequency of detecting HBsAg among pregnant women living in different regions of the Soviet Union] Mikhailov MI, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May; (5):64-6 **(Rus)**

MICROBIOLOGY

Perinatal complications in group B streptococcal carriers: a longitudinal study of prenatal patients. Bobitt JR, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):711-7

Genital herpes in pregnancy: risk factors associated with recurrences and asymptomatic viral shedding. Brown ZA, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):24-30

Detection of asymptomatic bacteriuria in obstetric patients with a semiautomated urine screen. Davis JR, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1069-73

Detection of group B streptococci by agglutination testing from selective broth cultures. Teti G, et al. **Ann Clin Lab Sci** 1985 Jul-Aug;15(4):292-8

Fusobacteria. An important cause of chorioamnionitis. Altshuler G, et al. **Arch Pathol Lab Med** 1985 Aug; 109(8):739-43

Genital mycoplasmas and chlamydiae in pelvic inflammatory diseases. Crăcea E, et al. **Arch Roum Pathol Exp Microbiol** 1984 Apr-Jun; 43(2):121-6

Is group B streptococcal screening during pregnancy justified? Easmon CS, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):197-201

Maternal and neonatal colonization with group B Streptococcus and neonatal outcome. Mani V, et al. **Indian Pediatr** 1984 May;21(5):357-63

Virulence of human and bovine isolates of group B streptococci (types Ia and III) in experimental pregnant mouse models. Poutrel B, et al. **Infect Immun** 1985 Jan; 47(1):94-7

Infection of pregnant guinea pigs with attenuated Junin virus strains. Gómez MM, et al. **Intervirology** 1985;23(1):8-14

Recovery of Gardnerella vaginalis from blood by the quantitative direct plating method. La Scolea LJ Jr, et al. **J Clin Microbiol** 1984 Sep;20(3):568-9

Hepatitis B virus DNA in serum of pregnant women with HBsAg and HBeAg or antibodies to HBe [letter] Heijtink RA, et al. **J Infect Dis** 1984 Sep;150(3):462

Abortion in early pregnancy [letter] Walker IR. **Med J Aust** 1985 Apr 15;142(8):489

Pregnancy complicated by intraamniotic infection by Salmonella typhi. Awadalla SG, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):30S-31S

Chronic carrier state in mothers of infants with group B streptococcal infections. Dykes AK, et al. **Obstet Gynecol** 1985 Jul;66(1):84-8

Placental microbiology and histology and the pathogenesis of chorioamnionitis. Pankuch GA, et al. **Obstet Gynecol** 1984 Dec;64(6):802-6

Asymptomatic bacteriuria during pregnancy with special reference to group B streptococci. Persson K, et al. **Scand J Infect Dis** 1985;17(2):195-9

Bacterial vaginosis during pregnancy. An association with prematurity and postpartum complications. Eschenbach DA, et al. **Scand J Urol Nephrol [Suppl]** 1984;86:213-22

[Viral hepatitis in pregnancy and materno-fetal transmission of the B virus] Buffet C. **Presse Med** 1985 Feb 16; 14(7):419-22 (Eng. Abstr.) **(Fre)**

[Neonatal pneumonia caused by Chlamydia trachomatis] Szirmai Z, et al. **Orv Hetil** 1985 Apr 28;126(17):1027-30 (Eng. Abstr.) **(Hun)**

[Risk factors in maternal-fetal infections. Research conducted in 93 cases] Franchi M, et al. **Boll Ist Sieroter Milan** 1982; 61(6):473-82 (Eng. Abstr.) **(Ita)**

[Role of chlamydiae in genital and neonatal pathology] Piccaro M, et al. **Minerva Ginecol** 1984 Dec;36(12):861-9 (Eng. Abstr.) **(Ita)**

[Cervical Chlamydia trachomatis in pregnancy and maternal and infantile infection] Morohoshi T, et al. **Kansenshogaku Zasshi** 1985 Mar;59(3):255-8 (Eng. Abstr.) **(Jpn)**

[Chlamydial infection in perinatal period] Yasuda J, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May; 37(5):799-800 **(Jpn)**

MORTALITY

The influence of different stages of pregnancy on group B streptococcal infection in mice. Coid CR, et al. **Placenta** 1985 Jan-Feb;6(1):65-8

NURSING

TORCH: a literature review and implications for practice. Haggerty L. **J Obstet Gynecol Neonatal Nurs** 1985 Mar-Apr;14(2):124-9

[Nursing of pregnant women with severe hepatitis] Liu DF. **Chung Hua Hu Li Tsa Chih** 1985 Jun;20(3):152-3 **(Chi)**

OCCURRENCE

Therapeutic abortions following rubella infection in pregnancy: the potential impact on the incidence of congenital rubella syndrome. Serdula MK, et al. **Am J Public Health** 1984 Nov;74(11):1249-51

A prospective study of Chlamydia trachomatis in first trimester abortion. Shioøtz H, et al. **Ann Clin Res** 1985; 17(2):60-3

Detection of active Epstein-Barr infection in pregnant women. Costa S, et al. **Eur J Clin Microbiol** 1985 Jun; 4(3):335-6

Japanese encephalitis virus infection during pregnancy. Mathur A, et al. **Indian J Med Res** 1985 Jan;81:9-12

Epidemiology of cytomegaloviral infection in a heterogeneous population of pregnant women. Chandler SH, et al. **J Infect Dis** 1985 Aug;152(2):249-56

Chlamydia trachomatis in a high risk pregnant population. Gabel HD, et al. **J SC Med Assoc** 1985 May;81(5):273-4

Chlamydia trachomatis in a rural obstetrical population. Phelps G, et al. **J SC Med Assoc** 1984 Sep;80(9):441-2

Leads from the MMWR. Update: Lyme disease and cases occurring during pregnancy. **JAMA** 1985 Aug 9; 254(6):736-7, 741

Update: Lyme disease and cases occurring during pregnancy--United States. **MMWR** 1985 Jun 28; 34(25):376-8, 383-4

Rubella and congenital rubella surveillance, 1983. Williams NM, et al. **MMWR CDC Surveill Summ** 1984; 33(4):1SS-10SS

Listeriosis in Christchurch 1967-1984. Faoagali JL, et al. **NZ Med J** 1985 Feb 13;98(772):64-6

An epidemic of perinatal listeriosis serotype 1b in Hispanics in a Houston hospital. Canfield MA, et al. **Pediatr Infect Dis** 1985 Jan-Feb;4(1):106

Incidence of clinical infections in a defined population of pregnant women. Sever JL, et al. **Prog Clin Biol Res** 1985; 163B:317-26

Syphilis--an appraisal of the Groote Schuur Hospital antenatal screening programme. Gonin JM. **S Afr Med J** 1985 Jun 15;67(24):962-5

Teratogen update: the congenital rubella syndrome. South MA, et al. **Teratology** 1985 Apr;31(2):297-307

[A seroepidemiological study on Toxoplasma gondii infection among pregnant women and neonates in Taiwan] Yu JC. **Taiwan I Hsueh Hui Tsa Chih** 1985 Mar;84(3):286-95 (Eng. Abstr.) **(Chi)**

[Assessment of an epidemiologic survey of maternal toxoplasmosis] Laugier M, et al. **Ann Pediatr (Paris)** 1984 Nov;31(10):811-3 (Eng. Abstr.) **(Fre)**

[Toxoplasmosis in Bamako (Republic of Mali). Incidence of the disease in women of child-bearing age] Maiga Y, et al. **Med Trop (Mars)** 1984 Oct-Dec;44(4):319-22 (Eng. Abstr.) **(Fre)**

[Toxoplasmosis and rubella in Moroccan women. Results of a serological survey] Guessous-Idrissi N, et al. **Pathol Biol (Paris)** 1984 Sep;32(7):761-5 (Eng. Abstr.) **(Fre)**

[Antepartal vaginal yeast contamination today] Mendling W, et al. **Mykosen** 1984 Nov;27(11):573-8 (Eng. Abstr.) **(Ger)**

[Frequency of colonization of beta-hemolytic group B streptococci in a sample of 939 pregnant women. Epidemiologic and clinical study] Ronconi GF, et al. **Pediatr Med Chir** 1984 May-Jun;6(3):373-6 (Eng. Abstr.) **(Ita)**

[Occurrence of positive toxoplasmosis reactions in mothers and newborn infants] Ziobrowski S. **Klin Oczna** 1984 May; 86(5):209-11 (Eng. Abstr.) **(Pol)**

[Epidemiological and immunological research on cytomegaly in parturients and newborn infants among the indigenous and immigrant population in the Far North] Tiukavkin VV, et al. **Vopr Virusol** 1985 Mar-Apr;30(2):215-9 (Eng. Abstr.) **(Rus)**

[Asymptomatic invasive amebiasis in pregnant women] Weingerz Mehl S, et al. **Ginecol Obstet Mex** 1983 Oct; 51(318):277-9 (Eng. Abstr.) **(Spa)**

[Gonococcal infection in pregnancy] Donoso E, et al. **Rev Chil Obstet Ginecol** 1984;49(2):84-7 (Eng. Abstr.) **(Spa)**

[Toxoplasmosis. I.Seroepidemiologic aspects relative to disorders in the pregnant woman] Machín Sánchez R, et al. **Rev Cubana Med Trop** 1984 May-Aug;36(2):212-22 (Eng. Abstr.) **(Spa)**

PARASITOLOGY

Localization and associated histopathology of asexually proliferative Mesocestoides corti tetrathyridia (Cestoda) infecting mouse mammary glands. Williams CA, et al. **Int J Parasitol** 1985 Jun;15(3):245-8

[Trichomoniasis in pregnancy. Cultural and colpocytologic research on 208 asymptomatic pregnant women] Franchi M, et al. **Minerva Ginecol** 1984 Sep;36(9):471-6 (Eng. Abstr.) **(Ita)**

PATHOLOGY

An unusual presentation of a case of staphylococcal pericarditis during pregnancy. Valenzuela GJ, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):752-3

Herpes gestationis. Persistent disease activity 11 years post partum. Fine JD, et al. **Arch Dermatol** 1985 Jul;121(7):924-6

Malakoplakia of the pelvic peritoneum in pregnancy. Case report. Rose G, et al. **Br J Obstet Gynaecol** 1985 Feb; 92(2):170-2

Salmonella urinary tract infection in pregnancy. Tettmar RE, et al. **J Hosp Infect** 1985 Jun;6(2):227-9

Placental and fetal candidiasis. Presentation of a case of an abortus. Bittencourt AL, et al. **Mycopathologia** 1984 Sep 30;87(3):181-7

Case 2. Placenta of erythroblastosis and maternal hepatitis. Altshuler G. **Pediatr Pathol** 1984;2(3):337-8

The placenta in leprosy. Duncan ME, et al. **Placenta** 1984 May-Jun;5(3):189-98

[Pneumocystosis in a pregnant patient complicated by transplacental infection and intrauterine fetal death] Kurennaia SS, et al. **Akush Ginekol (Mosk)** 1985 Apr; (4):72-3 **(Rus)**

PHYSIOPATHOLOGY

Septicemia during pregnancy: a study in different species of experimental animals. Beller FK, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):967-75

Anicteric presentation of fatal herpetic hepatitis in pregnancy. Goyert GL, et al. **Obstet Gynecol** 1985 Apr; 65(4):585-8

[Obstetric and neonatal consequences of urinary infection during pregnancy] Serment G, et al. **Ann Urol (Paris)** 1984 Dec;18(6):427-9 (Eng. Abstr.) **(Fre)**

PREVENTION & CONTROL

Why we should all have an SRH test [letter] de Mendonca MJ. **Br Dent J** 1985 May 11;158(9):319

Rubella--continuing problems [editorial] Banatvala JE. **Br J Obstet Gynaecol** 1985 Mar;92(3):193-6

Prevention of malaria in pregnancy and early childhood. Prepared by the Public Health Laboratory Service Malaria Reference Laboratory. **Br Med J [Clin Res]** 1984 Nov 10; 289(6454):1296-7

Safety of chloroquine in chemosuppression of malaria during pregnancy. Wolfe MS, et al. **Br Med J [Clin Res]** 1985 May 18;290(6480):1466-7

Caring for the infectious patient: risk factors during pregnancy. Gurevich I, et al. **Infect Control** 1984 Oct; 5(10):482-8

Elimination of rubella and congenital rubella syndrome--United States. **MMWR** 1985 Feb 8;34(5):65-6

Prevention of the congenital rubella syndrome: the Israeli experience. Fogel A, et al. **Prog Clin Biol Res** 1985; 163B:327-32

Preventing neonatal herpes simplex infections: an obstetrician's perspective. Grossman JH 3d. **Prog Clin Biol Res** 1985;163B:351-4

Group B streptococcus. Larsen JW Jr. **Prog Clin Biol Res** 1985;163B:163-8

Neonatal herpes simplex: a worldwide disease which is potentially preventable and treatable. Nahmias AJ, et al. **Prog Clin Biol Res** 1985;163B:355-62

Fetal risk associated with rubella vaccine: an update. Bart SW, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S95-102

Rubella antibody titers in vaccinated and nonvaccinated women and results of vaccination during pregnancy. Enders G. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S103-7

Prevention of malaria in pregnancy [letter] Markus MB. **S Afr Med J** 1985 Jun 15;67(24):960

[Prevention of defects caused by rubella virus] Janout V, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 Jun; 34(4):212-6 (Eng. Abstr.) **(Cze)**

[Prevention of toxoplasmosis: observations on follow-up experience in France] Desmonts G. **Prog Clin Biol Res** 1985;163B:333-7 **(Fre)**

[Severe infections in pregnancy and the puerperium--prevention and therapy] Wilken H. **Zentralbl Chir** 1985;110(11):649-55 (Eng. Abstr.) **(Ger)**

[Importance of stool cultures in screening and prevention in the field of obstetrics and gynecology. Statistical data over a 30 month period] Laurelli T, et al. **Nuovi Ann Ig Microbiol** 1983 Mar-Apr;34(2):147-67 (Eng. Abstr.) **(Ita)**

[Carrier state of hepatitis B virus in pregnant women: problem of the protection of newborn infants from infection] Juszczyk J. **Ginekol Pol** 1984 Dec;55(12):885-94 **(Pol)**

[Use of lactic-acid bacteria in the prevention and treatment of suppurative-inflammatory diseases in pregnant women and puerperae] Saiadian OB, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):53-5 (Eng. Abstr.) **(Rus)**

SURGERY

Gonococcal endocarditis during pregnancy: simultaneous cesarean section and aortic valve surgery. Burstein H, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):48S-51S

THERAPY

Prolonged sedation and paralysis in a pregnant patient. Delivery of an infant with a normal Apgar score. Thomas D, et al. **Anaesthesia** 1985 May;40(5):465-7

[Febrile renal colic of pregnancy. A severe emergency] Aubert J, et al. **Ann Urol (Paris)** 1984 Sep;18(5):350-1 (Eng. Abstr.) **(Fre)**

[Obstetric tactics in acute infectious viral diseases] Martynov KA, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):40-4 (Eng. Abstr.) **(Rus)**

TRANSMISSION

Biopsy of chorionic villi for prenatal diagnosis [letter] Marchese Ca, et al. **Acta Obstet Gynecol Scand** 1984; 63(8):737

Vertical transmission of hepatitis B surface antigen in Saudi Arabia. Ramia S, et al. **Ann Trop Paediatr** 1984 Dec; 4(4):213-6

Campylobacter carriage and pregnancy. Youngs ER, et al. **Br J Obstet Gynaecol** 1985 May;92(5):541-2

Group B streptococcal colonization patterns in mothers and their infants. Jones DE, et al. **J Clin Microbiol** 1984 Sep; 20(3):438-40

Changing perspectives of the effects of infectious diseases. Sever JL. **Prog Clin Biol Res** 1985;163A:135-42

[Vertical transmission of hepatitis B virus] Jin ZH. **Chung Hua I Hsueh Tsa Chih** 1984 May;64(5):283-6 (Eng. Abstr.) **(Chi)**

[Natural history of congenital toxoplasmosis] Desmonts G, et al. **Ann Pediatr (Paris)** 1984 Nov;31(10):799-802 (Eng. Abstr.) **(Fre)**

[Congenital toxoplasmosis. Prospective study of the outcome of pregnancy in 542 women with toxoplasmosis acquired during pregnancy] Desmonts G, et al. **Ann Pediatr (Paris)** 1984 Nov;31(10):805-9 (Eng. Abstr.) **(Fre)**

[A case of bullous dermatosis at the end of pregnancy transmitted to the newborn: herpes gestationis] Koslowski JP, et al. **Rev Fr Gynecol Obstet** 1984 Jan;79(1):59-62 (Eng. Abstr.) **(Fre)**

[Intrauterine infection of calves with cysticercosis and the role of this factor in the epidemiology of taeniarhynchosis] Nadzhafov IG, et al. **Med Parazitol (Mosk)** 1985 Jan-Feb; (1):74-7 (Eng. Abstr.) **(Rus)**

[Herpes virus: role in neonatal infection] Suárez M, et al. **Rev Chil Pediatr** 1984 Nov-Dec;55(6):431-6 (Eng. Abstr.) **(Spa)**

VETERINARY

A new field strain of equine abortion virus (equine herpesvirus-1) among Kentucky horses. Allen GP, et al. **Am J Vet Res** 1985 Jan;46(1):138-40

Pathologic effects of intrauterine deposition of pseudorabies virus on the reproductive tract of swine in early pregnancy. Bolin CA, et al. **Am J Vet Res** 1985 May;46(5):1039-42

Serologic diagnosis of toxoplasmosis in experimentally infected pregnant goats and transplacentally infected kids. Dubey JP, et al. **Am J Vet Res** 1985 May;46(5):1137-40

Control of Isospora suis-induced coccidiosis on a swine farm. Ernst JV, et al. **Am J Vet Res** 1985 Mar;46(3):643-5

Prospective study of progeny of inapparent equine carriers of equine infectious anemia virus. Issel CJ, et al. **Am J Vet Res** 1985 May;46(5):1114-6

Biological assay of attenuated strain NADL-2 and virulent strain NADL-8 of porcine parvovirus. Mengeling WL, et al. **Am J Vet Res** 1984 Nov;45(11):2403-7

Chlamydia psittaci experimental abortion in goats. Rodolakis A, et al. **Am J Vet Res** 1984 Oct;45(10):2086-9

Bovine anaplasmosis: transplacental transmission as it relates to stage of gestation. Zaugg JL. **Am J Vet Res** 1985 Mar; 46(3):570-2

Evaluation of febantel used concurrently with piperazine citrate in horses. DiPietro JA, et al. **J Am Vet Med Assoc** 1985 Feb 1;186(3):262-4

Peripartum changes of plasma and milk vitamin A and beta-carotene among dairy cows with or without mastitis. Johnston LA, et al. **J Dairy Sci** 1984 Aug;67(8):1832-40

Environmental pathogens and intramammary infection during the dry period. Smith KL, et al. **J Dairy Sci** 1985 Feb;68(2):402-17

Protective immunity to Sarcocystis capracanis-induced abortion in dairy goats. Dubey JP. **J Protozool** 1984 Nov; 31(4):553-5

Household outbreak of Q-fever pneumonia related to a parturient cat. Kosatsky T. **Lancet** 1984 Dec 22; 2(8417-18):1447-9

Experimental studies on vertical infection of mice with Japanese encephalitis virus. IV. Effect of virus strain on placental and fetal infection. Fujisaki Y, et al. **Natl Inst Anim Health Q (Tokyo)** 1983 Spring;23(1):21-6

A survey for maternal antibodies to bovine leukemia virus (BLV) in calves born to cows infected with BLV. Ohshima K, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):583-6

Bluetongue virus and embryo transfer in cattle. Bowen RA, et al. **Prog Clin Biol Res** 1985;178:85-9

Effect of bluetongue virus on reproduction in sheep and cattle. Luedke AJ. **Prog Clin Biol Res** 1985;178:71-8

Ovine abortion and stillbirth due to purulent placentitis caused by Yersinia pseudotuberculosis. Karbe E, et al. **Vet Pathol** 1984 Nov;21(6):601-6

Efficacy of ivermectin against somatic Strongyloides ransomi larvae. Barth D, et al. **Vet Rec** 1985 Apr 6;116(14):366-7

Possible role of leptospires of the Pomona serogroup in sporadic bovine abortion in the south west of England. Hathaway SC, et al. **Vet Rec** 1984 Dec 15;115(24):623-6

Summer mastitis [letter] Hillerton JE, et al. **Vet Rec** 1984 Sep 22;115(12):307

Eradication of some infectious pig diseases by perinatal tiamulin treatment and early weaning. Mészáros J, et al. **Vet Rec** 1985 Jan 5;116(1):8-12

Failure to demonstrate infectious bovine rhinotracheitis virus reactivation in parturient cows. Thiry E, et al. **Vet Rec** 1984 Sep 8;115(10):248-9

Experimental intrauterine inoculation of pregnant ewes with ureaplasmas. Ball HJ, et al. **Vet Res Commun** 1985 Feb; 9(1):35-43

Studies on transplacental transmissibility of a bovine virus diarrhoea (BVD) vaccine virus in cattle. II. Inoculation of pregnant cows without detectable neutralizing antibodies to BVD virus 90-229 days before parturition (51st to 190th day of gestation). Liess B, et al. **Zentralbl Veterinarmed [B]** 1984 Oct;31(9):669-81

[Neonatal toxoplasmosis in kittens] Svoboda M, et al. **Vet Med (Praha)** 1985 Aug;30(8):507-12 (Eng. Abstr.) **(Cze)**

[Current insights into an old problem: BVD (bovine virus diarrhea)] de Leeuw PW, et al. **Tijdschr Diergeneeskd** 1985 Feb 1;110(3):104-6 (Eng. Abstr.) **(Dut)**

[Experimental infection of sheep with Salmonella abortus ovis: effect of the gestational stage] Sanchis R, et al. **Ann Rech Vet** 1984;15(1):97-103 (Eng. Abstr.) **(Fre)**

[Mycoplasma bovis isolation in the offspring of cows with M. bovis mastitis and its epizootiological significance] Pfützner H, et al. **Zentralbl Veterinarmed [B]** 1985 Apr; 32(4):265-79 (Eng. Abstr.) **(Ger)**

[Occurrence of porcine parvovirus infection in Switzerland and a new method of virus demonstration using immune electron microscopy] Zanoni RG, et al. **Zentralbl Veterinarmed [B]** 1984 Dec;31(10):729-42 (Eng. Abstr.) **(Ger)**

[Migration and distribution of Toxocara canis Werner 1782 (Anisakidae) larvae in the definitive host (beagle) following primary infection and reinfection] Zimmermann U, et al. **Zentralbl Veterinarmed [B]** 1985 Jan;32(1):1-28 (Eng. Abstr.) **(Ger)**

PREGNANCY COMPLICATIONS, NEOPLASTIC

Bladder tumor as apparent cause of vaginal bleeding in pregnancy. Bendsen J, et al. **Acta Obstet Gynecol Scand** 1985;64(4):329-30

Acute urinary retention in first trimester of pregnancy. Hansen JH, et al. **Acta Obstet Gynecol Scand** 1985; 64(3):279-80

Neurofibromatosis: cause or coincidence of pregnancy complications? [letter] Davies BR. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):914-5

Pregnancy complicated by solid-papillary epithelial tumor of the pancreas, pulmonary embolism, and pulmonary embolectomy. Duff P, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):80-1

Maternal virilization in pregnancy due to an unclassified sex-cord stromal neoplasm. Quagliarello J, et al. **Am J Obstet Gynecol** 1985 Jul 1;152(5):570-2

Metastatic choriocarcinoma during normal pregnancy presenting as thyroid tumor. Eriksson A, et al. **Arch Gynecol** 1984;236(2):119-22

Colorectal carcinoma in pregnancy. Nesbitt JC, et al. **Arch Surg** 1985 May;120(5):636-40

Cancer and pregnancy [letter] Hawk JC Jr. **CA** 1985 Mar-Apr;35(2):127

Acute polyhydramnios associated with fetal hepatoblastoma. van de Bor M, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jul;20(1):65-9

A case of endometrioid carcinoma of the ovary associated with pregnancy. Sommers GM, et al. **Gynecol Oncol** 1985 Jul;21(3):364-8

Phaeochromocytoma presenting in pregnancy. Mulcahy D, et al. **Ir J Med Sci** 1984 Nov;153(11):389-91

Primary ovarian pregnancy: report of a case. Spinapolice RX, et al. **J Am Osteopath Assoc** 1984 Oct;84(2):198-9

Carcinoma of the breast associated with pregnancy. King RM, et al. **Surg Gynecol Obstet** 1985 Mar;160(3):228-32

[Fetal transverse position caused by giant leiomyoma in the lower segment of the uterus. A case report] Nel JT, et al. **S Afr Med J** 1985 Aug 31;68(5):333-4 (Eng. Abstr.) **(Afr)**

[A case of treated primary sterility and the course of pregnancy in the amenorrhea–galactorrhea syndrome associated with pituitary adenoma and hyperprolactinemia] Křivan R. **Cesk Gynekol** 1985 Jun;50(5):361–2 **(Cze)**

[Cesarean section in a moribund patient] Sik S, et al. **Cesk Gynekol** 1984 Dec;49(10):732–3 **(Cze)**

[Tumors of the kidney and pregnancy] Dumas JP, et al. **Ann Urol (Paris)** 1984 Sep;18(5):339–41 (Eng. Abstr.) **(Fre)**

[Renal cancer in the pregnant woman] Le Guillou M, et al. **Ann Urol (Paris)** 1985;19(1):69–70 (Eng. Abstr.) **(Fre)**

[Medullary compression due to vertebral angioma in pregnancy. A case treated by embolization] Bouchez B, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):885–8 (Eng. Abstr.) **(Fre)**

[Occurrence and course of condylomata of the cervix during pregnancy] Mergui JL, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(6):651–6 (Eng. Abstr.) **(Fre)**

[Chorangiomas (hemangiomas of the placenta). II. Pathologic–anatomic comparison of neonatal complications] Geppert M, et al. **Zentralbl Gynakol** 1984; 106(21):1406–12 (Eng. Abstr.) **(Ger)**

[Prolactin–secreting macroadenoma in pregnancy. Critical review and presentation of a clinical case] Bellati U, et al. **Minerva Ginecol** 1984 Dec;36(12):879–83 (Eng. Abstr.) **(Ita)**

[A case of renal angiomyolipoma in pregnancy] Pozzi V, et al. **Minerva Ginecol** 1985 Apr;37(4):147–52 (Eng. Abstr.) **(Ita)**

[Breast carcinoma and pregnancy] Sismondi P, et al. **Minerva Ginecol** 1984 Nov;36(11):689–704 (Eng. Abstr.) **(Ita)**

[Breast carcinoma concurrent with pregnancy] Sussio M, et al. **Minerva Ginecol** 1985 Jun;37(6):293–302 **(Ita)**

[Myoma and labor] Bocev J. **Med Pregl** 1984;37(3–4):165–7 (Eng. Abstr.) **(Ser)**

[Cancer of the ovary and pregnancy. A clinical case] Cabrera J, et al. **Rev Chil Obstet Ginecol** 1984;49(5):312–5 (Eng. Abstr.) **(Spa)**

BLOOD

Prolactin levels in pregnancy: comparison of normal subjects with patients having micro– or macroadenomas after early bromocriptine withdrawal. Woodhouse NJ, et al. **Horm Res** 1985;21(1):1–9

CHEMICALLY INDUCED

Exposure to chemical carcinogens during pregnancy: consequences for mother and conceptus. Rice JM. **Adv Exp Med Biol** 1984;176:13–49 (86 ref.)

DIAGNOSIS

Pheochromocytoma: antepartum diagnosis and management with tumor resection in the puerperium. Venuto R, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):431–2

Insulinoma in pregnancy. Shaw DL, et al. **Ariz Med** 1985 Jul;42(7):406–8

Sonographic differential diagnosis of pelvic masses complicating pregnancy. Woo JS, et al. **Asia Oceania J Obstet Gynaecol** 1984 Sep;10(3):333–40

A partial hydatidiform mole, dispersed throughout the placenta, coexisting with a normal living fetus. Case report. Crooij MJ, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):104–6

Dysgerminoma of the ovary: incidental finding during cesarean section. Rabinowitz R, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Feb;19(2):105–8

Uterine myomas in pregnancy. Winer–Muram HT, et al. **J Can Assoc Radiol** 1984 Jun;35(2):168–70

Tumor previa: a perinatal dilemma. Unger JB, et al. **J Miss State Med Assoc** 1985 Feb;26(2):35–7

Atrial myxoma as a complication of tocolytic therapy. A case report. Mercer LJ, et al. **J Reprod Med** 1985 Jul; 30(7):561–2

Sonographic demonstration of rupture of a cystic teratoma during pregnancy. Schaffer RM, et al. **J Ultrasound Med** 1984 Sep;3(9):425–7

Echogenic adnexal masses associated with first–trimester pregnancy: sonographic appearance and clinical significance. Pennes DR, et al. **JCU** 1985 Jul–Aug; 13(6):391–6

Chorangioma of the placental membranes. Heifetz SA. **Milit Med** 1984 Nov;149(11):621, 635

Maternal liver hemangioma in pregnancy as an incidental finding. Creasy GW, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):10S–13S

Placental chorioangiomatosis—a high risk pregnancy. Jaffe R, et al. **Postgrad Med J** 1985 May;61(715):453–5

Pheochromocytoma in pregnancy: diagnosis and collaborative management. Griffin JB, et al. **South Med J** 1984 Oct;77(10):1325–7

[Nasal tumor in pregnancy] Martiat B, et al. **Acta Otorhinolaryngol Belg** 1984;38(2):148–55 (Eng. Abstr.) **(Fre)**

[Malignant melanomas in pregnancy] Landthaler M, et al. **Dtsch Med Wochenschr** 1985 Aug 30;110(35):1319–23 (Eng. Abstr.) **(Ger)**

[Pregnancy and fetal development after therapy of Hodgkin's disease] Slanina J, et al. **Strahlentherapie** 1985 Sep; 161(9):558–64 (Eng. Abstr.) **(Ger)**

[Sonographic observations and difficulties in the differential diagnosis of an abdominal tumor in pregnancy] Dalicho FH. **Zentralbl Gynakol** 1985;107(12):759–64 (Eng. Abstr.) **(Ger)**

[Lipoma of the corpus callosum] Schwartz M, et al. **Harefuah** 1984 Jul;107(1–2):13–4 (Eng. Abstr.) **(Heb)**

[Diagnosis of genital tumors using ultrasonics in different presentations] Pertyński T, et al. **Ginekol Pol** 1984 Jul; 55(7):477–86 (Eng. Abstr.) **(Pol)**

[Intra–abdominal cystic lymphangioma. Prenatal diagnosis] Clavera Roger M, et al. **An Esp Pediatr** 1984 Nov 30; 21(8):777–8 **(Spa)**

DRUG THERAPY

Pheochromocytoma in pregnancy. Experience of treatment with phenoxybenzamine in three patients. Stenström G, et al. **Acta Obstet Gynecol Scand** 1985;64(4):357–61

Multiagent chemotherapy for sarcoma diagnosed during pregnancy. Haerr RW, et al. **Cancer** 1985 Sep 1; 56(5):1028–33

Non–Hodgkin's lymphoma associated with pregnancy. A report of six cases, with a review of the literature. Steiner–Salz D, et al. **Cancer** 1985 Oct 15;56(8):2087–91

Modified triple chemotherapy in the management of high–risk metastatic gestational trophoblastic tumors. Berkowitz RS, et al. **Gynecol Oncol** 1984 Oct;19(2):173–81

[Bromocriptine therapy of prolactinoma in pregnancy] Nehmzow M, et al. **Zentralbl Gynakol** 1985; 107(14):899–903 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Adenocarcinoma of the lung presenting with pericardial tamponade: report of a case and review of the literature. Gilbert I, et al. **Heart Lung** 1985 Jan;14(1):83–7

FAMILIAL & GENETIC

Familial occurrence of mature ovarian teratomas. Simon A, et al. **Obstet Gynecol** 1985 Aug;66(2):278–9

[T–cell acute lymphoblastic leukemia associated with leukemic pericarditis, presenting t (5; 12) chromosome abnormality] Inazawa J, et al. **Rinsho Ketsueki** 1985 Mar; 26(3):411–6 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

Pregnancy and lymphoma [editorial] Banks PM. **Arch Pathol Lab Med** 1985 Sep;109(9):802

Hepatocellular carcinoma HBsAg positive in pregnancy. Gonçalves CS, et al. **Arq Gastroenterol** 1984 Apr–Jun; 21(2):75–7

METABOLISM

Placenta, embryo, and tumor uptake of 67Ga–citrate and 59Fe–citrate. Anghileri LJ, et al. **Eur J Nucl Med** 1985; 10(5–6):288–9

MORTALITY

Invasive cervical cancer in young women. la Vecchia C, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1149–55

OCCURRENCE

Ovarian tumours in pregnancy. A review. Teoh SH, et al. **Singapore Med J** 1984 Jun;25(3):165–7

Breast carcinoma in young Nigerian women. Chiedozi LC. **Trop Geogr Med** 1984 Sep;36(3):249–53

[Pregnancy after malignant melanoma. A follow–up of 23 patients] Bork K, et al. **Dtsch Med Wochenschr** 1985 Aug 30;110(35):1323–7 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Behavior of melanocytic nevi during pregnancy. Sanchez JL, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:89–91

Serous cystadenocarcinoma as incidental finding during a repeat cesarean section. Ahram J, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):78–9

Pregnancy and sinus histiocytosis with massive lymphadenopathy [letter] Butler WM, et al. **Ann Intern Med** 1985 Feb;102(2):278

A histopathologic evaluation of nevocellular nevi in pregnancy. Foucar E, et al. **Arch Dermatol** 1985 Mar; 121(3):350–4

Non–Hodgkin's lymphoma in pregnancy. Three cases and review of the literature. Ioachim HL. **Arch Pathol Lab Med** 1985 Sep;109(9):803–9

Malignant melanoma and pregnancy. Reintgen DS, et al. **Cancer** 1985 Mar 15;55(6):1340–4

Immature teratoma with gliomatosis peritonei associated with pregnancy. Hassan AA, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Oct;18(3):155–60

Adenomas of the breast and ectopic breast under lactational influences. O'Hara MF, et al. **Hum Pathol** 1985 Jul; 16(7):707–12

Teratoma of the umbilical cord. Smith D, et al. **Hum Pathol** 1985 Feb;16(2):190–3

Ovarian tumors in a teenage primigravida. Walling AD, et al. **J Kans Med Soc** 1984 Sep;85(9):231–3, 250

MEA III presenting as pheochromocytoma and complicating pregnancy and the puerperium. A case report. Epstein H, et al. **J Reprod Med** 1985 Jun;30(6):501–4

Relationship between cervical condylomata, pregnancy and subclinical papillomavirus infection. Garry R, et al. **J Reprod Med** 1985 May;30(5):393–9

Uncomplicated, spontaneous expulsion of a uterine leiomyoma postpartum. A case report. Honoré LH, et al. **J Reprod Med** 1985 Apr;30(4):358–9

Diagnosis of breast masses in pregnant and lactating women by aspiration cytology. Bottles K, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):76S–78S

Malignant placental site trophoblastic tumor. Hopkins M, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):95S–100S

Asymptomatic first–trimester liver cell adenoma: diagnosis by fine–needle aspiration cytology with cytochemical and ultrastructural study. Stock RJ, et al. **Obstet Gynecol** 1985 Aug;66(2):287–90

Ependymal cyst of the ovary. A case report. Tiltman AJ. **S Afr Med J** 1985 Sep 14;68(6):424–5

[Comparative morphogenesis of chorioangioma in singleton and twin pregnancies] Hoang–Ngoc Minh, et al. **Arch Anat Cytol Pathol** 1984;32(5):265–9 (Eng. Abstr.) **(Fre)**

[Vascular tumors IX: Gemmangioma malignum] Leu HJ. **Vasa** 1985;14(2):191–5 (Eng. Abstr.) **(Ger)**

[Chorangiomas (hemangiomas of the placenta). I. Pathological anatomy and pregnancy complications] Geppert M, et al. **Zentralbl Gynakol** 1984;106(21):1397–405 (Eng. Abstr.) **(Ger)**

[Electron microscopic detection of viruses in cervix papilloma] Karageosov I, et al. **Zentralbl Gynakol** 1985; 107(3):187–91 (Eng. Abstr.) **(Ger)**

[Breast carcinoma associated with pregnancy] Toriya Y, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Mar; 37(3):461–3 **(Jpn)**

[2 cases of necrosis of uterine myoma in early pregnancy] Palatyński A, et al. **Wiad Lek** 1984 Jun 15;37(12):963–5 (Eng. Abstr.) **(Pol)**

[Metachronous bilateral cystic lymphangioma of the retroperitoneal space in a pregnant woman] Seleznika NI. **Klin Khir** 1985 May;(5):60–1 **(Rus)**

PHYSIOPATHOLOGY

Relationship between maternal prolactin levels during pregnancy and lactation in women with pituitary adenoma. Narita O, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May;37(5):758–62

[Von Recklinghausen's neurofibromatosis and pregnancy and the puerperium] Taleb AL, et al. **Rev Fr Gynecol Obstet** 1984 Jul–Sep;79(7–9):575–8 (Eng. Abstr.) **(Fre)**

[Spontaneous regression of a pituitary mass after delivery. Case report] Aida T, et al. **Neurol Med Chir (Tokyo)** 1984 Oct;24(10):789–93 (Eng. Abstr.) **(Jpn)**

[Coexistence of a giant ovarian tumor and full–term pregnancy] Mazurek W, et al. **Ginekol Pol** 1984 Apr; 55(4):293–4 (Eng. Abstr.) **(Pol)**

PSYCHOLOGY

[Psychological aspects of pregnant women with breast cancer and the desire of mastectomy patients to become pregnant] Lazzari R, et al. **Minerva Psichiatr** 1984 Oct–Dec; 25(4):223–6 (Eng. Abstr.) **(Ita)**

RADIONUCLIDE IMAGING

[Monoclonal antibodies directed against the beta hCG subunit and against a synthetic peptide analog of the carboxyl–terminal end. Clinical use in vivo and in vitro] Bellet D, et al. **Ann Endocrinol (Paris)** 1984,45(4–5):335–41 (Eng. Abstr.) **(Fre)**

SECRETION

Prophylactic bromocriptine treatment during pregnancy in women with macroprolactinomas: report of 13 pregnancies. de Wit W, et al. **Br J Obstet Gynaecol** 1984 Nov; 91(11):1059–69

An unusual course of prolactinoma during two consecutive pregnancies. Cohen I, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Sep;18(1–2):81–4

SURGERY

Ovarian tumors in pregnancy. Struyk AP, et al. **Acta Obstet Gynecol Scand** 1984;63(5):421–4

Pregnancy complicated by insulinoma. Osei K, et al. **Am J Med Sci** 1984 Oct;288(3):133–5

Successful pregnancy following partial hepatectomy for removal of hepatocellular adenomas. Barnes AD, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):998

Management of hypercalcaemia [letter] Wilson RD. **Br J Hosp Med** 1984 Oct;32(4):223

Dystocia due to impacted dysgerminoma. Ojha J, et al. **J Indian Med Assoc** 1984 May;82(5):173–5

Cryotherapy for treatment of genital condylomata during pregnancy. Bergman A, et al. **J Reprod Med** 1984 Jul; 29(7):432–5

[Artificial termination of pregnancy in patients with uterine myoma] Vasilevskaia LN, et al. **Akush Ginekol (Mosk)** 1985 Feb;(2):47–50 (Eng. Abstr.) **(Rus)**

THERAPY

Pregnancy associated with advanced adenocarcinoma of the lung. Reiter AA, et al. **Int J Gynaecol Obstet** 1985 Feb; 23(1):75–8

Hodgkin's disease complicating pregnancy. Tawil E, et al. **J Can Assoc Radiol** 1985 Jun;36(2):133–7

Multimodal cancer therapy for breast cancer in the first trimester of pregnancy. A case report. Murray CL, et al. **JAMA** 1984 Nov 9;252(18):2607-8

Pregnancy and the hyperprolactinemic woman. Molitch ME. **N Engl J Med** 1985 May 23;312(21):1364-70 (98 ref.)

Acute leukemia and pregnancy: a review of management and outcome, 1972-1982. Catanzarite VA, et al. **Obstet Gynecol Surv** 1984 Nov;39(11):663-78 (66 ref.)

[Course of pregnancy and condition of infants born to patients treated for lymphogranulomatosis] Balsogolov GD, et al. **Med Radiol (Mosk)** 1985 May;30(5):35-7 (Eng. Abstr.) **(Rus)**

[Obstetrico-gynecologic complications of oncologic treatments] Lailla Vicens JM, et al. **Med Clin (Barc)** 1984 Oct 6;83(10):428-30 **(Spa)**

URINE

Unusual molecular forms of hCG in gestational trophoblastic neoplasia. Amr S, et al. **Ann Endocrinol (Paris)** 1984; 45(4-5):321-6

VETERINARY

Hemangiosarcoma in a cow. Guard C, et al. **J Am Vet Med Assoc** 1984 Oct 1;185(7):789-90

Bronchiolar adenocarcinoma in a cow. Scarratt WK, et al. **J Am Vet Med Assoc** 1984 Dec 15;185(12):1549-51

PREGNANCY, ECTOPIC

Intraligamentary pregnancy resulting in a live infant. Vierhout ME, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):878-9

Immunohistological characterization of antigen expression by trophoblast populations in ectopic cornual implantation. Case report. Earl UM, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):843-6

Ectopic pregnancy. DeCherney AH, et al. **Clin Obstet Gynecol** 1985 Jun;28(2):365-74

Cervico-isthmic pregnancy ending with the delivery of a live-born infant in late second trimester. Cohen I, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jul;20(1):61-4

Development of multiple ovarian follicles for in vitro fertilization in a patient with an undiagnosed ectopic pregnancy. Serafini P, et al. **Fertil Steril** 1985 Apr; 43(4):656-8

Perforation of angular pregnancy during elective pregnancy termination. A case report. Rahmani Y, et al. **J Reprod Med** 1985 Apr;30(4):366-7

Conception rates after IVF in women with previous ectopic pregnancy [letter] Peek JC, et al. **Lancet** 1985 Aug 3; 2(8449):275-6

Live abdominal pregnancy presenting as massive rectal bleeding. Bornman PC, et al. **Postgrad Med J** 1985 Aug; 61(718):759-60

[Presentation of a clinical case of rupture of the uterus in the 21st week of gestation, caused by interstitial pregnancy] Errico F, et al. **Minerva Ginecol** 1985 May;37(5):229-30 (Eng. Abstr.) **(Ita)**

[Recurrent ectopic pregnancy] Zugaib M, et al. **Rev Paul Med** 1984 Sep-Oct;102(5):197-200 (Eng. Abstr.) **(Por)**

[Cervical pregnancy] Cimbaljević M, et al. **Srp Arh Celok Lek** 1984 May;112(5):613-8 (Eng. Abstr.) **(Scc)**

[Cervical pregnancy (case report)] Cimbaljević M, et al. **Jugosl Ginekol Opstet** 1984 May-Aug;24(3-4):64 (Eng. Abstr.) **(Scr)**

[Ovarian pregnancy in an infertility patient. Presentation of a case] Díaz Infante Ibarra A, et al. **Ginecol Obstet Mex** 1984 Feb;52(322):51-2 (Eng. Abstr.) **(Spa)**

BLOOD

The disappearance rate of pregnancy-associated plasma protein-A (PAPP-A) after the end of normal and abnormal pregnancies. Bischof P, et al. **Arch Gynecol** 1984; 236(2):93-8

Human chorionic gonadotropin in the ectopic gestation. Golan A, et al. **Int J Gynaecol Obstet** 1985 Feb;23(1):65-9

CHEMICALLY INDUCED

An association between clomiphene citrate and ectopic pregnancy: a preliminary report. Marchbanks PA, et al. **Fertil Steril** 1985 Aug;44(2):268-70

COMPLICATIONS

Reproductive outcome following two ectopic pregnancies. DeCherney AH, et al. **Fertil Steril** 1985 Jan;43(1):82-5

Combined intrauterine and ovarian pregnancy. A case report. Lee W, et al. **J Reprod Med** 1985 Jul;30(7):563-6

[Study of fertility after extrauterine pregnancy] Vitse M, et al. **Rev Fr Gynecol Obstet** 1984 Dec;79(12):785-9 (Eng. Abstr.) **(Fre)**

[3 new cases of pregnancy of the uterine horn] Zorn B, et al. **Rev Fr Gynecol Obstet** 1984 Jul-Sep;79(7-9):541-5 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

A case of primary ovarian pregnancy. Maeyama M, et al. **Acta Obstet Gynecol Scand** 1985;64(4):363-6

Adverse effect of an overdistended bladder on first-trimester sonography. Baker ME, et al. **AJR** 1985 Sep;145(3):597-9

The diagnosis of ectopic pregnancy. Quan MA, et al. **Am Fam Physician** 1985 Feb;31(2):201-7 (19 ref.)

The effect of different human chorionic gonadotropin assay sensitivity on screening for ectopic pregnancy. Romero R, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):72-4

Choriocarcinoma presenting as a ruptured ectopic pregnancy. Firth LA, et al. **Aust NZ J Obstet Gynaecol** 1985 Feb; 25(1):22-5

Ectopic pregnancy--potentials for diagnosis using ultrasound and urine and serum pregnancy tests. Robinson HP, et al. **Aust NZ J Obstet Gynaecol** 1985 Feb;25(1):49-53

A 1-hour hCG radioimmunoassay detection kit for the management of suspected ectopic pregnancy. Goh BH, et al. **Br J Obstet Gynaecol** 1984 Oct;91(10):993-6

A method of screening for suspected ectopic pregnancy. Liu BH, et al. **Chin Med J [Engl]** 1985 May;98(5):358-61

The diagnosis of ectopic pregnancies in cases of lower abdominal pain using beta subunit assay of human chorionic gonadotropin. Ben-Rafael Z, et al. **Clin Exp Obstet Gynecol** 1985;12(1-2):20-5

Ectopic pregnancy management by a non invasive protocol. Zakut H, et al. **Clin Exp Obstet Gynecol** 1985;12(1-2):3-8

A sensitive urine pregnancy test as an aid in the diagnosis of ectopic pregnancy. Nordenskjöld F, et al. **Fertil Steril** 1985 May;43(5):748-52

Detection of ectopic pregnancy in an outpatient population: the role of the beta-HCG level. Hedges JR, et al. **J Emerg Med** 1984;2(2):85-93

Pregnancy in a rudimentary horn of uterus. Singh A, et al. **J Indian Med Assoc** 1984 Sep;82(9):328-9

Decidual cast mimicking an intrauterine gestational sac and fetal pole in a patient with ectopic pregnancy. A case report. Benacerraf B, et al. **J Reprod Med** 1984 Jul; 29(7):498-500

Sonographic diagnosis of simultaneous intrauterine and ectopic pregnancy. Benacerraf BR, et al. **J Ultrasound Med** 1985 Jun;4(6):321-2

The decidua-chorionic sac: a reliable sonographic indicator of intrauterine pregnancy prior to detection of a fetal pole. Cadkin AV, et al. **J Ultrasound Med** 1984 Dec;3(12):539-48

Sonographic evaluation of ectopic pregnancy. Mahony BS, et al. **J Ultrasound Med** 1985 May;4(5):221-8

Ovarian hydatidiform mole. Switzer JM, et al. **J Ultrasound Med** 1984 Oct;3(10):471-3

Ultrasonographic differentiation of cervical abortion from cervical pregnancy. Vas W, et al. **JCU** 1984 Nov-Dec; 12(9):553-7

[Ovarian pregnancy with suggested diagnostic criteria. Case report. Berg R. **Mo Med** 1984 Dec;81(12):761-3

Ovarian vein thrombosis mimicking ectopic pregnancy. Adachi A, et al. **NY State J Med** 1984 Nov;84(11):567-8

Value of culdocentesis in the diagnosis of ectopic pregnancy. Romero R, et al. **Obstet Gynecol** 1985 Apr;65(4):519-22

Diagnosis of ectopic pregnancy: value of the discriminatory human chorionic gonadotropin zone. Romero R, et al. **Obstet Gynecol** 1985 Sep;66(3):357-60

Accurate diagnosis of early ectopic pregnancy. Weckstein LN, et al. **Obstet Gynecol** 1985 Mar;65(3):393-7

Current perspective on ectopic pregnancy. Weckstein LN. **Obstet Gynecol Surv** 1985 May;40(5):259-72 (93 ref.)

Ectopic pregnancies: five years' hospital experience. Patel YA. **Practitioner** 1985 Mar;229(1401):269-71

Intrauterine and ectopic pregnancies after a tubal ligation with documented tubal occlusion. Shapiro AG. **South Med J** 1985 Aug;78(8):1014-5

[Combined pregnancy--early diagnosis by ultrasound. Case report] Wessels PH, et al. **S Afr Med J** 1984 Sep 8; 66(10):381-2 (Eng. Abstr.) **(Afr)**

[Possibilities of detecting extrauterine pregnancy by radioimmunologic determination of chorionic gonadotropins in the blood] Nesit V, et al. **Cesk Gynekol** 1985 Jul;50(6):415 **(Cze)**

[Identification of chorionic villi with the saline test] Bagger PV, et al. **Ugeskr Laeger** 1984 Nov 12;146(46):3539-40 (Eng. Abstr.) **(Dan)**

[Bilateral tubal pregnancy] Justesen P, et al. **Ugeskr Laeger** 1984 Nov 26;146(48):3756 (Eng. Abstr.) **(Dan)**

[Extrauterine pregnancy: epidemiologic, diagnostic, therapeutic and prognostic aspects. Apropos of 117 cases reviewed between April 1976 and September 1976] Monnier JC, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(1):67-75 (Eng. Abstr.) **(Fre)**

[Role of echography in the diagnosis of extra-uterine pregnancy. Value of the double sac sign] Filly R. **J Radiol** 1984 Apr;65(4):225-8 (Eng. Abstr.) **(Fre)**

[Echotomographic diagnosis of extrauterine pregnancy (apropos of 14 cases)] Oueslati R, et al. **Tunis Med** 1983 Mar-Apr;61(2):93-7 (Eng. Abstr.) **(Fre)**

[Value of sonography in extrauterine pregnancy] Rempen A, et al. **Z Geburtshilfe Perinatol** 1984 Nov-Dec; 188(6):279-84 (Eng. Abstr.) **(Ger)**

[Special forms of ectopic pregnancy] Sommer J, et al. **Zentralbl Gynakol** 1985;107(7):393-402 (Eng. Abstr.) **(Ger)**

[Ultrasonic evaluation in ectopic pregnancy] Yagel S, et al. **Harefuah** 1984 Sep;107(5-6):119-22 (Eng. Abstr.) **(Heb)**

[Cervical pregnancy: review of the literature and considerations on a clinical case] Nervi E, et al. **Minerva Ginecol** 1985 Jan-Feb;37(1-2):43-6 (Eng. Abstr.) **(Ita)**

[Pathologic early pregnancy. Evaluation of new pregnancy tests] Steier JA, et al. **Tidsskr Nor Laegeforen** 1985 Mar 10;105(7):496-8 (Eng. Abstr.) **(Nor)**

[Value of the colposcopic diagnosis of decidual ectopy in early pregnancy] Basta A, et al. **Ginekol Pol** 1984 May; 55(5):351-8 (Eng. Abstr.) **(Pol)**

[Detection of extrauterine pregnancy using ultrasound] Pilić Z, et al. **Med Pregl** 1984;37(5-6):259-61 (Eng. Abstr.) **(Scr)**

[Diagnostic problems in extrauterine pregnancies in a 5-year clinical study] Hraško L, et al. **Bratisl Lek Listy** 1984 Jul; 82(1):862-8 (Eng. Abstr.) **(Slo)**

[Primary ovarian pregnancy with a 14-week macerated fetus] Cabrera J, et al. **Rev Chil Obstet Ginecol** 1983;48(3):160-4 **(Spa)**

DRUG THERAPY

[Laparoscopy in the non-operative treatment of ectopic pregnancy with traditional Chinese medicine and western medicine] Yang SM, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):211-3, 195 (Eng. Abstr.) **(Chi)**

ETIOLOGY

Biology of nidation and ectopic implantation. De Cecco L, et al. **Acta Eur Fertil** 1984 Sep-Oct;15(5):347-55 (49 ref.)

Influence of sexually transmitted diseases on sterility and ectopic pregnancy. Weström L. **Acta Eur Fertil** 1985 Jan-Feb;16(1):21-4

Ectopic pregnancies following female sterilization. A matched case-control analysis. Chi IC, et al. **Acta Obstet Gynecol Scand** 1984;63(6):517-21

Bilateral tubal ectopic pregnancy following in-vitro fertilization and embryo replacement. Case report. Hewitt J, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):850-2

Risk of ectopic pregnancy after salpingitis [letter] Hockin JC. **Br J Vener Dis** 1984 Dec;60(6):409

Primary ovarian pregnancy and the intrauterine contraceptive device. A case report. Feng YZ. **Chin Med J [Engl]** 1984 Jun;97(6):433-4

Ectopic pregnancy: not only a tubal disease. Eskes TK, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Dec; 18(5-6):391-4

Embryo transfer technique as a cause of ectopic pregnancies in in vitro fertilization. Yovich JL, et al. **Fertil Steril** 1985 Sep;44(3):318-21

Etiology of cervical pregnancy. Association with abortion, pelvic pathology, IUDs and Asherman's syndrome. Dicker D, et al. **J Reprod Med** 1985 Jan;30(1):25-7

[Ectopic pregnancy following in vitro fertilization and embryo transfer] Sudik R, et al. **Zentralbl Gynakol** 1984; 106(22):1495-9 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

Ectopic pregnancy and antibodies to Chlamydia trachomatis. Svensson L, et al. **Fertil Steril** 1985 Sep;44(3):313-7

METABOLISM

Inverse ratio of hCG in peritoneal fluid to that in serum in normal and tubal pregnancies. Derricks-Tan JS, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jun;19(6):375-82

The localization of pregnancy proteins (hPL, SP1 and PAPP-A) in intra- and extrauterine pregnancies. Chemnitz J, et al. **Placenta** 1984 Nov-Dec;5(6):489-94

OCCURRENCE

Advanced extra-uterine pregnancy. Golan A, et al. **Acta Obstet Gynecol Scand** 1985;64(1):21-5

Control definition in case-control studies of ectopic pregnancy. Weiss NS, et al. **Am J Public Health** 1985 Jan; 75(1):67-8

Trends in ectopic pregnancy in Canada. Hockin JC, et al. **Can Med Assoc J** 1984 Oct 1;131(7):737-40

Ectopic pregnancy in Queensland, 1971-1980. Siskind V. **Med J Aust** 1985 Jun 24;142(13):673-4

Ectopic pregnancy in Queensland [letter] Wainer BB. **Med J Aust** 1985 Sep 16;143(6):262

Ectopic pregnancy in the United States, 1979-1980. MacKay HT, et al. **MMWR CDC Surveill Summ** 1984;33(2):1SS-7SS

[Ectopic pregnancy. A retrospective study over a period of 20 years] Hansen V, et al. **Ugeskr Laeger** 1985 May 20; 147(21):1687-9 (Eng. Abstr.) **(Dan)**

PATHOLOGY

An unusual case of cervical pregnancy. Cohen I, et al. **Acta Obstet Gynecol Scand** 1985;64(4):335-7

[A rare case of combined uterine and extrauterine pregnancy and the birth of live and viable fetuses] Masarliev A, et al. **Akush Ginekol (Sofiia)** 1985;24(1):88-90 **(Bul)**

[A rare case of the onset, development and complication of graviditas ovarica superficialis] Radikov N, et al. **Akush Ginekol (Sofiia)** 1984;23(6):551-2 **(Bul)**

PHYSIOPATHOLOGY

Corpus luteum function in ectopic pregnancy. Milwidsky A, et al. **Int J Fertil** 1984;29(4):244-6

Fertility and contraception of 6 patients with ovarian pregnancy. Portuondo JA, et al. **Int J Fertil** 1984; 29(4):254–6

Evidence of contralateral ovulation in ectopic pregnancy. Berry SM, et al. **J Ultrasound Med** 1985 Jun;4(6):293–5

SURGERY

Function-retaining surgical management of ectopic pregnancy. Brosens I, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Dec; 18(5–6):395–402

Mesosalpingeal vessel ligation for conservative treatment of ectopic pregnancy [letter] DeCherney AH. **J Reprod Med** 1984 Aug;29(8):110

[Current requirements for performing conservative plastic operations in treating extrauterine pregnancy] Matsuev AI. **Akush Ginekol (Mosk)** 1985 Mar;(3):17–20 (Eng. Abstr.) **(Rus)**

[Cervical pregnancy treated by ligation of the descending branch of the uterine artery] Djurić M, et al. **Srp Arh Celok Lek** 1984 Sep;112(9):949–53 (Eng. Abstr.) **(Scc)**

[Cervical pregnancy--conservative or radical operation?] Pavlić Z, et al. **Jugosl Ginekol Opstet** 1984 May–Aug; 24(3–4):73 (Eng. Abstr.) **(Scr)**

[Ectopic pregnancy and hysterectomy] Cervera Flores R, et al. **Ginecol Obstet Mex** 1984 Aug;52(328):201–5 (Eng. Abstr.) **(Spa)**

THERAPY

Collecting blood for autotransfusion in ectopic pregnancy [letter] Price ME, et al. **Trop Doct** 1985 Apr;15(2):67–8

[A case of conservatively treated cervical pregnancy] Stojanović Z, et al. **Med Pregl** 1984;37(11–12):537–9 (Eng. Abstr.) **(Scr)**

URINE

[A highly sensitive rapid urine test for HCG--an aid to the early diagnosis of ectopic pregnancy] Nordenskjöld F, et al. **Lakartidningen** 1985 Jul 10;82(28–29):2523–5 (Eng. Abstr.) **(Swe)**

PREGNANCY, FIRST TRIMESTER see **PREGNANCY TRIMESTER, FIRST**

PREGNANCY IN ADOLESCENCE

An exploratory study of life-change events, social support and pregnancy decisions in adolescents. Carlson ML, et al. **Adolescence** 1984 Winter;19(76):765–80

Perceived mother-daughter relations in a pregnant and nonpregnant adolescent sample. Olson CF, et al. **Adolescence** 1984 Winter;19(76):781–94

Short-term effects of teenage parenting programs on knowledge and attitudes. Roosa MW. **Adolescence** 1984 Fall;19(75):659–66

Influence of growth status and placental function on birth weight of infants born to young still-growing teenagers. Frisancho AR, et al. **Am J Clin Nutr** 1984 Oct;40(4):801–7

Earlier maturation of pregnant black and white adolescents. Hoff C, et al. **Am J Dis Child** 1985 Oct;139(10):981–6

The age extremes for reproduction: current implications for policy change. Davidson EC Jr, et al. **Am J Obstet Gynecol** 1985 Jun 15;152(4):467–73

Cesarean section deliveries among adolescent mothers enrolled in a comprehensive prenatal care program. Leppert PC, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):623–6

Goiter in pregnant teenagers. Long TJ, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):670–4

Developmental and nutritional determinants of pregnancy outcome among teenagers. Frisancho AR, et al. **Am J Phys Anthropol** 1985 Mar;66(3):247–61

A time for new thinking about teenage pregnancy [editorial] Dryfoos JG. **Am J Public Health** 1985 Jan;75(1):13–4

The influence of client-provider relationships on teenage women's subsequent use of contraception. Nathanson CA, et al. **Am J Public Health** 1985 Jan;75(1):33–8

Baby of a schoolgirl. McIntosh N. **Arch Dis Child** 1984 Oct; 59(10):915–7

Social support of teenage mothers. Mercer RT, et al. **Birth Defects** 1984;20(5):245–90

Teens and adoption: a pregnancy resolution alternative? Musick JS, et al. **Child Today** 1984 Nov–Dec;13(6):24–9

Teenage mothers and their infants. Badger E. **Clin Perinatol** 1985 Jun;12(2):391–406

A new strategy for preventing unintended teenage childbearing. Dryfoos JG. **Fam Plann Perspect** 1984 Jul–Aug;16(4):193–5

The risk of premarital first pregnancy among metropolitan-area teenagers: 1976 and 1979. Koenig MA, et al. **Fam Plann Perspect** 1982 Sep–Oct;14(5):239–41, 243–7

Teenage childbearing and welfare: preventive and ameliorative strategies. Moore KA, et al. **Fam Plann Perspect** 1984 Nov–Dec;16(6):285–9

Repeat ipsilateral tubal pregnancy following partial salpingectomy: a case report. Cartwright PS, et al. **Fertil Steril** 1984 Oct;42(4):647–8

Role of gynecological age and growth maturity status in fetal maturation and prenatal growth of infants born to young still-growing adolescent mothers. Frisancho AR, et al. **Hum Biol** 1984 Sep;56(3):583–93

Birth control use by teenagers. One and two years postabortion. Abrams M. **J Adolesc Health Care** 1985 May; 6(3):196–200

The financial impact of a comprehensive adolescent pregnancy program on a university hospital. Elster AB, et al. **J Adolesc Health Care** 1985 Jan;6(1):17–20

A curriculum for adolescent mothers: an evaluation. Smith PB, et al. **J Adolesc Health Care** 1985 May;6(3):216–9

Teenage pregnancy. McGoldrick KE. **J Am Med Wom Assoc** 1985 Jan–Feb;40(1):3–4

Teenage fertility, socioeconomic status and infant mortality. Miller MK, et al. **J Biosoc Sci** 1985 Apr;17(2):147–55

Factors predicting pregnancy resolution decision satisfaction of unmarried adolescents. Eisen M, et al. **J Genet Psychol** 1984 Dec;145(2D Half):231–9

Mid-trimester pregnancy termination in teenage women. Misra J, et al. **J Indian Med Assoc** 1985 Jan;83(1):9–10

Trends in teenage pregnancy. Chaterjee MS, et al. **J Med Soc NJ** 1985 May;82(5):375–8

Developmental issues and the choice of feeding method of adolescent mothers. Yoos L. **J Obstet Gynecol Neonatal Nurs** 1985 Jan–Feb;14(1):68–72

Recent trends in pregnancy among teenagers in Oklahoma. Fermo AV, et al. **J Okla State Med Assoc** 1985 Jun; 78(6):169–75

Adolescent pregnancy: biobehavioral determinants of outcome. Zuckerman BS, et al. **J Pediatr** 1984 Dec; 105(6):857–63 (69 ref.)

Breast-feeding among teenage mothers: milk composition, infant growth, and maternal dietary intake. Lipsman S, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):426–34

Teenage pregnancy and motherhood. Wolkind SN, et al. **J R Soc Med** 1985 Feb;78(2):112–6

Dietary assessment of pregnant adolescents participating in a supplemental-food program. Endres JM, et al. **J Reprod Med** 1985 Jan;30(1):10–7

Chlamydial colonization of the cervix in pregnant adolescents. Ismail MA, et al. **J Reprod Med** 1985 Jul; 30(7):549–53

Oral contraception for the adolescent. Tyrer LB. **J Reprod Med** 1984 Jul;29(7 Suppl):551–9

Project SCAN: counseling teen-age parents in a school setting. Delatte JG Jr, et al. **J Sch Health** 1985 Jan; 55(1):24–6

Meeting the needs of the teen-age pregnant student: an in-school program that works. McAfee ML, et al. **J Sch Health** 1984 Oct;54(9):350–2

Teenage pregnancy [editorial] Thomison JB. **J Tenn Med Assoc** 1984 Nov;77(11):678–9

Teenage pregnancy trends for Tennessee. Wadley F, et al. **J Tenn Med Assoc** 1984 Nov;77(11):662–3

Leads from the MMWR. Teenage pregnancy and fertility trends--United States, 1974 and 1980. **JAMA** 1985 Jun 7; 253(21):3064–5

Sequelae of therapeutic abortion [letter] Clarke SD. **Med J Aust** 1985 Apr 1;142(7):425

Adolescent pregnancy [letter] de Costa C. **Med J Aust** 1985 Apr 15;142(8):490

New law removes one barrier for teens seeking prenatal care. Marr J. **Mich Med** 1985 Jan;84(1):5–6

Teenage pregnancy and fertility trends--United States, 1974, 1980. **MMWR** 1985 May 17;34(19):277–80

Primary cytomegalovirus infection in adolescent pregnancy. Kumar ML, et al. **Pediatrics** 1984 Oct;74(4):493–500

Adolescent pregnancy and childbearing: new data, new challenges. McAnarney ER. **Pediatrics** 1985 May; 75(5):973–5

A study of low socioeconomic status, black teenage fathers and their nonfather peers. Rivara FP, et al. **Pediatrics** 1985 Apr;75(4):648–56

Correlation of moral development with use of birth control and pregnancy among teenage girls. Jurs J. **Psychol Rep** 1984 Dec;55(3):1009–10

Adolescent mothers and fetal loss, what is learned from experience? Smith PB, et al. **Psychol Rep** 1984 Dec; 55(3):775–8

Teenage childbearing, family size and birth interval: a study in Singapore. Ho SS. **Public Health** 1984 Nov;98(6):336–43

Age of mother and pregnancy outcome in the 1981 Arkansas birth cohort. Mangold WD. **Soc Biol** 1983 Summer; 30(2):205–10

Trends in teenage childbearing. United States 1970–81. Ventura SJ. **Vital Health Stat [21]** 1984 Sep;(41):i–iii, 1–22

Observations related to chronologic and gynecologic age in pregnant adolescents. Felice ME, et al. **Yale J Biol Med** 1984 Sep–Oct;57(5):777–85

Teenage pregnancy in the Bahamas: trends and characteristics. Roberts-Smith S, et al. **Yale J Biol Med** 1984 May–Jun;57(3):273–81

[Teenage pregnancies in the Paarl hospital] de Villiers VP. **S Afr Med J** 1985 Feb 23;67(8):301–2 (Eng. Abstr.) **(Afr)**

[Prevention of pregnancy and abortion in adolescence] Ruusuvaara L. **Duodecim** 1985;101(2):156–8 **(Fin)**

[Pregnancy and labor in Gabonese adolescent girls. A study of 97 cases] Mounanga M, et al. **Rev Fr Gynecol Obstet** 1985 Apr;80(5):293–4, 297–8 (Eng. Abstr.) **(Fre)**

[Pregnancy and delivery in adolescents. Apropos of 112 case reports] Vinatier D, et al. **Rev Fr Gynecol Obstet** 1984 Jul–Sep;79(7–9):549–54 (Eng. Abstr.) **(Fre)**

[Adolescent sexuality and pregnancy--a special aspect of the preventive care of adolescents] Lorenz U, et al. **Z Arztl Fortbild (Jena)** 1985;79(1):17–20 **(Ger)**

[Pregnancy in adolescence] Fabián R. **Cesk Gynekol** 1985 Jun;50(5):349–53 **(Slo)**

[Pregnancy in the adolescent] Marín Ruiz R, et al. **Ginecol Obstet Mex** 1983 Jun;51(314):143–9 (Eng. Abstr.) **(Spa)**

[Pregnant adolescents from the urban population sectors. Socio-demographic and family features] Hamel P, et al. **Rev Chil Obstet Ginecol** 1981;46(4):163–72 (Eng. Abstr.) **(Spa)**

[Reproduction in adolescence] Rubio R, et al. **Rev Chil Obstet Ginecol** 1981;46(3):112–7 (Eng. Abstr.) **(Spa)**

[Pregnancy and childbirth in the adolescent] Sismondi P, et al. **Rev Chil Obstet Ginecol** 1984;49(1):41–5 **(Spa)**

PREGNANCY IN DIABETES

Changing panorama of perinatal and infant mortality in diabetic pregnancy. Olofsson P, et al. **Acta Obstet Gynecol Scand** 1984;63(5):467–72

Diabetes and pregnancy. A 21-year Swedish material. Olofsson P, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984; 122:3–62

The influence of pregnancy on diabetic retinopathy with special regard to the reversible changes shown in 100 pregnancies. Ohrt V. **Acta Ophthalmol (Copenh)** 1984 Aug; 62(4):603–16

Influence of the maternal plasma glucose concentration at delivery on the risk of hypoglycaemia in infants of insulin-dependent diabetic mothers. Andersen O, et al. **Acta Paediatr Scand** 1985 Mar;74(2):268–73

Sympatho-adrenal activity and metabolic adjustment during the first 12 hours after birth in infants of diabetic mothers. Broberger U, et al. **Acta Paediatr Scand** 1984 Sep; 73(5):620–5

Effects on plasma glucose concentration of light-for-date infants and infants of diabetic mothers of feeds supplemented with a glucose polymer. Costalos C, et al. **Acta Paediatr Scand** 1985 May;74(3):382–5

Follow-up of children of insulin dependent (type I) and gestational diabetic mothers. Growth pattern, glucose tolerance, insulin response, and HLA types. Persson B, et al. **Acta Paediatr Scand** 1984 Nov;73(6):778–84

A newly recognized profile in neonatal lung disease with maternal diabetes. Duara S, et al. **AJR** 1985 Mar; 144(3):529–33

Use of ultrasound in antenatal diagnosis of large-for-gestational age infants in diabetic gravid patients. Bracero LA, et al. **Am J Obstet Gynecol** 1985 May 1; 152(1):43–7

What affects fetal pulmonary maturation during diabetic pregnancy? Ferroni KM, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):270–4

The significance of a previous stillbirth. Freeman RK, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):7–13

Gestational diabetes and birth trauma [letter] Hunter DJ, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):918–9

Spontaneous abortion among insulin-dependent diabetic women. Miodovnik M, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):372–6

Chronic hyperinsulinemia in the fetal rhesus monkey: effects of physiologic hyperinsulinemia on fetal substrates, hormones, and hepatic enzymes. Susa JB, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):415–20

The incidence of neural tube defects in the fetus and neonate of the insulin-dependent diabetic woman [letter] Zacharias JF, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):797–8

Increased fetal activity with low maternal blood glucose levels in pregnancies complicated by diabetes. Holden KP, et al. **Am J Perinatol** 1984 Jan;1(2):161–4

Diabetes in pregnancy. An epidemiologic study by Department of Obstetrics and Gynaecology of Sassari University from 1974 to 1983. Piras G, et al. **Clin Exp Obstet Gynecol** 1985;12(1–2):26–8

Proceedings of the Second International Workshop-Conference on Gestational Diabetes Mellitus. October 25–27, 1984, Chicago, Illinois. **Diabetes** 1985 Jun; 34 Suppl 2:1–130

Maturation of fetal rat lung in diabetic pregnancies of graduated severity. Bourbon JR, et al. **Diabetes** 1985 Aug; 34(8):734–43

Is there an animal model for gestational diabetes? Hellerström C, et al. **Diabetes** 1985 Jun;34 Suppl 2:28–31 (30 ref.)

Gestational diabetes mellitus. Is further improvement necessary? Philipson EH, et al. **Diabetes** 1985 Jun;34 Suppl 2:55–60

Long-range implications for the mother. The Aberdeen experience. Stowers JM, et al. **Diabetes** 1985 Jun;34 Suppl 2:106–10

Congenital malformations in diabetic animal models--a review. Eriksson UJ. **Diabetes Res** 1984 Jul;1(2):57–66 (89 ref.)

Outcome of pregnancy complicated by diabetes: experience with 232 patients in a 4 year period. Plehwe WE, et al. **Diabetes Res** 1984 Jul;1(2):67–73

Fetal maturation in strictly controlled diabetic pregnancy. Tydén O, et al. **Diabetes Res** 1984 Sep;1(3):131–4

Cell proliferation in pancreatic islets of rat fetuses and neonates from normal and diabetic mothers. An in vitro and in vivo study. Reusens-Billen B, et al.

Horm Metab Res 1984 Nov;16(11):565–71

Blood sugar, free fatty acids and triglycerides in infants of diabetic mothers. Tiwari DK, et al. **Indian J Pediatr** 1985 Jan–Feb;52(414):79–83

Effects of maternal streptozotocin–diabetes on fetal growth, energy reserves and body composition of newborn pigs. Ezekwe MO, et al. **J Anim Sci** 1984 Oct;59(4):974–80

The femoral hypoplasia–unusual facies syndrome. Burn J, et al. **J Med Genet** 1984 Oct;21(5):331–40

Neonatal gangrene in the newborn infant of a diabetic mother. Hsi AC, et al. **J Pediatr Orthop** 1985 May–Jun; 5(3):358–60

Diabetes insipidus during pregnancy complicated by preeclampsia. A case report. Hadi HA, et al. **J Reprod Med** 1985 Mar;30(3):206–8

The infant of a diabetic mother. Woon KY, et al. **J Singapore Paediatr Soc** 1985;27(1–2):74–81

Congenital short femur: prenatal sonographic diagnosis. Graham M. **J Ultrasound Med** 1985 Jul;4(7):361–3

Diabetes in pregnancy [editorial] **Lancet** 1985 Apr 27; 1(8435):961–2

The pregnant diabetic [letter] **Lancet** 1985 Jun 1;1(8440):1279

Early assessment of gestation in diabetics [letter] Pedersen JF, et al. **Lancet** 1984 Dec 1;2(8414):1284

Pregnancy outcome in women with diabetes and other autoimmune diseases [letter] Saad E, et al. **Lancet** 1984 Dec 1;2(8414):1283–4

Early assessment of gestation in diabetics [letter] Steel JM, et al. **Lancet** 1984 Oct 27;2(8409):975–6

Delay in the fetal globin switch in infants of diabetic mothers. Perrine SP, et al. **N Engl J Med** 1985 Feb 7;312(6):334–8

Altered developmental sequences in diabetic embryopathy [letter] Wilson GN. **N Engl J Med** 1985 Jun 6; 312(23):1519–20

Outcome of diabetic pregnancies in Waikato: five year experience. Karalus NC, et al. **NZ Med J** 1985 May 22; 98(779):369–71

Pregnancy and acute optic disc edema of juvenile–onset diabetes. Ward SC, et al. **Obstet Gynecol** 1984 Dec; 64(6):816–8

Fetal capillaries of the villous stroma in the full–term diabetic human placenta: an electron microscopic study on the White's Class A. Kami K. **Okajimas Folia Anat Jpn** 1985 Mar;61(6):465–81

Neonatal pancreatic function in infants born to mothers with gestational and overt diabetes. de Villiers TJ, et al. **S Afr Med J** 1984 Nov 3;66(18):690–3

Evidence of hypoxaemia and distribution of minor haemoglobin components in the cord blood of neonates born to diabetic mothers. Tsakalakos N, et al. **S Afr Med J** 1985 Apr 20;67(16):628–32

Continuing neonatal morbidity in infants of women with class A diabetes. Diamond MP, et al. **South Med J** 1984 Nov; 77(11):1386–8, 1392

[Hormonal changes in neonates of diabetic mothers] Přibylová H, et al. **Cesk Pediatr** 1985 Aug;40(8):447–50 (Eng. Abstr.) **(Cze)**

[Diabetic optic neuropathy in pregnancy] Malbrel C. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):463–4 (Eng. Abstr.) **(Fre)**

[The Vater association in a newborn infant of a diabetic mother] Boutte P, et al. **Pediatrie** 1985 Apr–May; 40(3):219–22 (Eng. Abstr.) **(Fre)**

[Diabetes and pregnancy] Foidart JM. **Rev Med Liege** 1985 Feb 15;40(4):117–30 **(Fre)**

[Perinatal mortality and congenital anomalies in children of diabetic mothers. I] Frič D, et al. **Cesk Gynekol** 1985 Mar; 50(2):99–102 (Eng. Abstr.) **(Slo)**

[Perinatal mortality and congenital anomalies in children of diabetic mothers. II] Pačin J, et al. **Cesk Gynekol** 1985 Apr; 50(3):180–2 (Eng. Abstr.) **(Slo)**

BLOOD

Self–monitoring of blood glucose in pregnant diabetics. A comparative study of the blood glucose level and course of pregnancy in pregnant diabetics on an out–patient regime before and after the introduction of methods for home analysis of blood glucose. Espersen T, et al. **Acta Obstet Gynecol Scand** 1985;64(1):11–4

Red cell 2,3–diphosphoglycerate and hemoglobin–oxygen affinity during diabetic pregnancy. Madsen H, et al. **Acta Obstet Gynecol Scand** 1984;63(5):403–6

Plasma noradrenaline and adrenaline in newborn infants of diabetic mothers: relation to plasma lipids. Hertel J, et al. **Acta Paediatr Scand** 1985 Jul;74(4):521–4

Self–monitoring of blood glucose by diabetic women during the third trimester of pregnancy. Hanson U, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):817–21

Glycosylated serum protein levels in diabetic and nondiabetic pregnant patients: an indicator of short–term glycemic control in the diabetic patient. Nelson DM, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1042–7

Glycohemoglobins in normal and diabetic pregnancy. Frisoli G, et al. **Am J Perinatol** 1985 Jul;2(3):183–8

Thyroid hormone levels in diabetic mothers and their neonates. Wilker RE, et al. **Am J Perinatol** 1984 Apr; 1(3):259–62

Triglyceride and cholesterol levels during pregnancy in type I, type II and gestational diabetic women. Botta RM, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2055–9

Fetal malformations in diabetics with high haemoglobin A1c in early pregnancy [letter] Reid M, et al. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):1001

Hormonal responses to exercise in diabetic and nondiabetic pregnant patients. Artal R, et al. **Diabetes** 1985 Jun;34 Suppl 2:78–80

Metabolic and therapeutic assessment of gestational diabetes by two–hour and twenty–four–hour isocaloric meal tolerance tests. Hollingsworth DR, et al. **Diabetes** 1985 Jun; 34 Suppl 2:81–7

Insulin action during pregnancy. Studies with the euglycemic clamp technique. Ryan EA, et al. **Diabetes** 1985 Apr; 34(4):380–9

Effects of hyperinsulinemia in the primate fetus. Susa JB, et al. **Diabetes** 1985 Jun;34 Suppl 2:36–41

Perinatal assessment of glycaemic control in newborn infants of diabetic mothers. Gouédard HA, et al. **Diabetologia** 1984 Dec;27(6):553–7

Blood viscosity and erythrocyte deformability in gestational diabetes. Kaibara M, et al. **Int J Gynaecol Obstet** 1984 Jun; 22(3):221–4

Glycosylated haemoglobin as a useful index of glucoregulation in the management of diabetic pregnancy. Susheela L, et al. **J Indian Med Assoc** 1984 Dec; 82(12):434–7

Glycosylated hemoglobin (HbA1), glucose tolerance and neonatal outcome in gestational diabetic and non–diabetic mothers. Bacigalupo G, et al. **J Perinat Med** 1984; 12(3):137–45

Fibrin generation during the diabetic pregnancy. Weiner CP, et al. **J Perinat Med** 1984;12(4):161–5

The pregnant diabetic [letter] Jarrett RJ. **Lancet** 1985 Jun 29;1(8444):1513–4

Pregnancy complicated by non–insulin dependent diabetes mellitus and type V hyperlipoproteinaemia: case report. Cooper GJ, et al. **NZ Med J** 1985 Jun 12;98(780):430–2

Glycosylated albumin and glycosylated proteins: rapidly changing indices of glycaemia in diabetic pregnancy. Leiper JM, et al. **Q J Med** 1985 Jun;55(218):225–31

Value of glycosylated haemoglobin determination in diabetic pregnancy. Macfarlane CM, et al. **S Afr Med J** 1985 Aug 31;68(5):310–2

Evidence of hyperinsulinaemia and hypoxaemia in the cord blood of neonates born to mothers with gestational diabetes. Macfarlane CM, et al. **S Afr Med J** 1985 Jan 19;67(3):81–4

The development of glucose metabolism in infants of diabetic mothers. Wako Y, et al. **Tohoku J Exp Med** 1984 Nov; 144(3):273–80

[Blood glycerol levels in pregnant women with a potential glucose tolerance disorder during a stress test. Relation to the birth weight of the fetus] Hanuš J, et al. **Cesk Gynekol** 1985 Jun;50(5):321–7 (Eng. Abstr.) **(Cze)**

[Self–determination of blood glucose with Visidex reagent strips] Espersen T, et al. **Ugeskr Laeger** 1984 Jul 9; 146(28):2089–90 (Eng. Abstr.) **(Dan)**

[Insulin secretion and hypoglycemia in newborn infants of diabetic mothers] Kohlhoff R, et al. **Kinderarztl Prax** 1984 Jul;52(7):329–38 (Eng. Abstr.) **(Ger)**

[Children of diabetic mothers] Dominick HC, et al. **Monatsschr Kinderheilkd** 1984 Dec;132(12):886–92 (Eng. Abstr.) **(Ger)**

[Behavior of glycosylated hemoglobin (HbA1) in normal and pathologic pregnancy] Feige A, et al. **Z Geburtshilfe Perinatol** 1985 Jan–Feb;189(1):13–6 (Eng. Abstr.) **(Ger)**

[Alpha2–macroglobulin (alpha 2–M) and abnormal glucose metabolism in pregnancy] Teti G, et al. **Ann Ostet Ginecol Med Perinat** 1984 Sep–Oct;105(5):313–8 (Eng. Abstr.) **(Ita)**

[The importance of the radioimmunologic study of the impairment of insulin secretion as an atherogenic factor] Kniazev IuA, et al. **Med Radiol (Mosk)** 1984 Nov; 29(11):37–40 (Eng. Abstr.) **(Rus)**

[Correlation between maternal glycohemoglobin values and insulin secretion in children of diabetic mothers] Guisasola FJ, et al. **An Esp Pediatr** 1984 Nov 15;21(7):657–63 (Eng. Abstr.) **(Spa)**

CLASSIFICATION

Gestational diabetes: problems in classification and implications for long–range prognosis. Freinkel N, et al. **Adv Exp Med Biol** 1985;189:47–63

[Diabetes mellitus during pregnancy. Classification problems] Zubkov VN. **Probl Endokrinol (Mosk)** 1985 Mar–Apr; 31(2):41–4 **(Rus)**

COMPLICATIONS

Diabetes and spontaneous abortion [letter] Kalter H. **Am J Obstet Gynecol** 1985 Jul 1;152(5):603–4

Chronic renal failure and severe diabetic vasculopathy in pregnancy. Reece EA, et al. **Am J Perinatol** 1984 Jul; 1(4):341–4

Metabolically determined teratogenesis: malformations and maternal diabetes. Eriksson UJ, et al. **Biochem Soc Trans** 1985 Feb;13(1):79–82

Antepartum fetal surveillance in gestational diabetes mellitus. Landon MB, et al. **Diabetes** 1985 Jun;34 Suppl 2:50–4

The possibility of an early growth delay in White's class A diabetic pregnancy. Pedersen JF, et al. **Diabetes** 1985 Jun; 34 Suppl 2:47–9

Neonatal morbidities in infants of mothers with glucose intolerance in pregnancy. Widness JA, et al. **Diabetes** 1985 Jun;34 Suppl 2:61–5

Perinatal complications of gestational diabetes: the influence of the timing of the diagnosis. De Muylder X. **Eur J Obstet Gynecol Reprod Biol** 1984 Sep;18(1–2):35–42

Caudal dysplasia and femoral hypoplasia–unusual facies syndrome: different manifestations of the same disorder? Riedel F, et al. **Eur J Pediatr** 1985 May;144(1):80–2

Effects of beta–hydroxybutyrate on rat embryos grown in culture. Sheehan EA, et al. **Experientia** 1985 Feb 15; 41(2):273–5

Familial hyperinsulinemia complicated by extreme insulin resistance during pregnancy: a probable postreceptor defect. Plehwe WE, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):68–77

Cardiac output in infants of insulin–dependent diabetic mothers. Walther FJ, et al. **J Pediatr** 1985 Jul;107(1):109–14

Correlation between fetal defects and early growth delay observed by ultrasound [letter] Tchobroutsky C, et al. **Lancet** 1985 Mar 23;1(8430):706–7

Outcome of diabetic pregnancies in Waikato: five year experience. Karalus NC, et al. **NZ Med J** 1985 May 22; 98(779):369–71

Class H diabetes and pregnancy. Gast MJ, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):5S–7S

Treatment of premature labor in insulin–dependent diabetic women. Miodovnik M, et al. **Obstet Gynecol** 1985 May; 65(5):621–7

Isolated adrenocorticotropic hormone deficiency with antepartum pituitary infarction in a type I diabetic. Wieland RG, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):58S–59S

Congenital malformation in offspring of diabetics. Neave C. **Perspect Pediatr Pathol** 1984 Fall;8(3):213–22

[Cardiomyopathy in children of diabetic mothers. Fetal hyperinsulinism and cardiomyopathy] Morville P, et al. **Ann Pediatr (Paris)** 1985 Apr;32(4):363–8 (Eng. Abstr.) **(Fre)**

[Pregnancy and diabetes] Kharouf M, et al. **Tunis Med** 1982 Jul–Aug;60(4):134–41 **(Fre)**

[Neonatal diabetic cardiomyopathy] Katona M, et al. **Orv Hetil** 1985 May 5;126(18):1087–91 (Eng. Abstr.) **(Hun)**

DIAGNOSIS

Receiver operating characteristic analysis of glycosylated hemoglobin and the standard test for carbohydrate intolerance in pregnancy [letter] Dierksheide WC. **Am J Obstet Gynecol** 1985 Sep 1;153(1):113–5

Antenatal screening for diabetes mellitus [editorial] Lind T. **Br J Obstet Gynaecol** 1984 Sep;91(9):833–4

Does random blood glucose sampling outdate testing for glycosuria in the detection of diabetes during pregnancy? Lind T, et al. **Br Med J [Clin Res]** 1984 Dec 8; 289(6458):1569–71

An analysis of diabetic pregnancies at Mayo Clinic, 1950–79. Lufkin EG, et al. **Diabetes Care** 1984 Nov–Dec;7(6):539–47

Pregnancy in Ethiopian diabetic women. Lester FT. **Ethiop Med J** 1985 Jan;23(1):21–6

Gestational diabetes: panelists set guidelines for detection, control [news] Ziporyn T. **JAMA** 1985 Jul 26;254(4):465–70

Clinical value of glycosylated serum protein and glycosylated hemoglobin levels in the diagnosis of gestational diabetes mellitus. McFarland KF, et al. **Obstet Gynecol** 1984 Oct; 64(4):516–8

[Pregnancy diabetes: diagnosis and treatment] Doorenbos H. **Ned Tijdschr Geneeskd** 1984 Sep 1;128(35):1674–5 **(Dut)**

[Gestational diabetes: the urgent need for a consensus] de Muylder X. **J Gynecol Obstet Biol Reprod (Paris)** 1985; 14(2):213–22 (Eng. Abstr.) **(Fre)**

[Serial determination of HbA1 or the oral glucose test in the adequate evaluation of fetal growth?] Mansani FE, et al. **Acta Biomed Ateneo Parmense** 1984;55(3–4):167–72 (Eng. Abstr.) **(Ita)**

[Committee report on nutrition and metabolism in gyneco–obstetrics–– abnormal glucose metabolism in pregnancy, with special reference to the diagnosis of diabetes mellitus in pregnancy] **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):2055–8 **(Jpn)**

DIET THERAPY

The effect of diet and insulin on metabolic profiles of women with gestational diabetes mellitus. Maresh M, et al. **Diabetes** 1985 Jun;34 Suppl 2:88–93

Gestational diabetes mellitus (GDM). Comparative evaluation of two treatment regimens, diet versus insulin and diet. Persson B, et al. **Diabetes** 1985 Jun;34 Suppl 2:101–5

Moderate caloric restriction in obese women with gestational diabetes. Algert S, et al. **Obstet Gynecol** 1985 Apr; 65(4):487–91

DRUG THERAPY

The importance of insulin administration in gestational diabetics. Zoupas C, et al. **Acta Endocrinol [Suppl] (Copenh)** 1984;265:26–8

Prophylactic insulin treatment of gestational diabetes reduces the incidence of macrosomia, operative delivery, and birth trauma. Coustan DR, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):836–42

Therapeutic results of insulin therapy in gestational diabetes mellitus. Kalkhoff RK. **Diabetes** 1985 Jun;34 Suppl 2:97–100 (28 ref.)

Continuous subcutaneous insulin infusion (CSII) in pregnancy. Van Ballegooie E, et al. **Neth J Med** 1985;28 Suppl 1:3-6

Remission of diabetes mellitus in pregnancy. Sagoskin AW. **Obstet Gynecol** 1985 Aug;66(2):280-2

Intensified conventional insulin therapy for the pregnant diabetic patient. Weiss PA, et al. **Obstet Gynecol** 1984 Nov; 64(5):629-37

Primary allergy to monocomponent porcine insulin. Yap PK. **Postgrad Med J** 1985 Jul;61(717):629-30

[Use of highly purified insulin in pregnant type 1 and type 2 diabetics] Fallucca F, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):85-9 (Eng. Abstr.) **(Ita)**

[Clinical experience with the continuous intravenous infusion of insulin in an elderly diabetic primigravida] Grillo G, et al. **Minerva Ginecol** 1984 Dec;36(12):875-7 (Eng. Abstr.) **(Ita)**

[Insulin pump in intractable diabetes during pregnancy] Leonhardt T, et al. **Lakartidningen** 1984 Nov 28; 81(48):4510-1 **(Swe)**

ENZYMOLOGY

Carbohydrate and lipid abnormalities in infants of diabetic mothers. Raivio KO. **Klin Padiatr** 1985 Mar-Apr; 197(2):159-60

ETIOLOGY

[Acute onset of insulin-dependent diabetes mellitus caused by Epstein-Barr virus infection] Chikazawa K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Mar;37(3):453-6 **(Jpn)**

FAMILIAL & GENETIC

Frequency of diabetes mellitus in mothers of probands with gestational diabetes: possible maternal influence on the predisposition to gestational diabetes. Martin AO, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):471-5

Gestational diabetes mellitus and impaired glucose tolerance during pregnancy. Long-term effects on obesity and glucose tolerance in the offspring. Petitt DJ, et al. **Diabetes** 1985 Jun;34 Suppl 2:119-22

Long-term effect of diabetes and pregnancy in the rat. van Assche FA, et al. **Diabetes** 1985 Jun;34 Suppl 2:116-8

Insulin-related genes expressed in human placenta from normal and diabetic pregnancies. Liu KS, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3868-70

[Children of diabetic parents--on the question of developmental disorders in pregnancy with special reference to the so-called risk child] Theile U, et al. **Z Geburtshilfe Perinatol** 1985 Mar-Apr;189(2):79-83 (Eng. Abstr.) **(Ger)**

[Study of several genetic factors in diabetic pregnancy] Lucarini N, et al. **Pathologica** 1983;75 Suppl:51-6 **(Ita)**

IMMUNOLOGY

Insulin antibodies in the maternal and foetal circulation of pregnant diabetic women treated with human insulin of recombinant DNA origin. Leiper JM, et al. **Diabetes Res** 1984 Jul;1(2):75-81

Insulin-anti-insulin complexes in diabetic women and their neonates. Di Mario U, et al. **Diabetologia** 1984 Jul;27 Suppl:83-6

Sera from diabetic pregnant women contain reduced titres of inhibiting factors on killer cell activity. Zuccarini O, et al. **Diabetologia** 1985 Feb;28(2):95-8

[Serum immunoglobulins in diabetic and healthy pregnant patients and their newborn infants] Fischer M. **Zentralbl Gynakol** 1984;106(20):1375-80 (Eng. Abstr.) **(Ger)**

METABOLISM

Pulmonary excretion of carbon monoxide in the human infant as an index of bilirubin production. IIc. Evidence for the possible association of cord blood erythropoietin levels and postnatal bilirubin production in infants of mothers with abnormalities of gestational glucose metabolism. Bucalo LR, et al. **Am J Perinatol** 1984 Jan;1(2):177-81

Improved glucose tolerance in gestational diabetic women on a low fat, high unrefined carbohydrate diet. Nolan CJ. **Aust NZ J Obstet Gynaecol** 1984 Aug;24(3):174-7

Increased maternal-fetal transport of fat in diabetes assessed by polyunsaturated fatty acid content in fetal lipids. Goldstein R, et al. **Biol Neonate** 1985;47(6):343-9

Salivary oestriol in normal and abnormal pregnancies. Truran PL, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1210-5

Influence of streptozotocin-diabetes on the pharmacokinetics, placental transfer and tissue localization of dexamethasone in rats. Mulay S, et al. **Br J Pharmacol** 1984 Sep;83(1):139-44

Abnormalities in vascular arachidonic acid metabolism in the infant of the diabetic mother. Stuart MJ, et al. **Br Med J [Clin Res]** 1985 Jun 8;290(6483):1700-2

A new technique for studying the relationship between maternal diabetes and the sialic acid content of fetal pulmonary surfactant. Delahunty T. **Clin Chem** 1984 Nov; 30(11):1851-3

Relationship between maternal and fetal fuels and placental glucose transfer in rats with maternal diabetes of varying severity. Herrera E, et al. **Diabetes** 1985 Jun;34 Suppl 2:42-6

Enhanced cerebral substrate pools in the fetus and neonate of the diabetic canine mother. Kliegman RM, et al. **Diabetes** 1985 Feb;34(2):129-34

Consequences of perturbations of fetal fuels in ovine pregnancy. Philipps AF, et al. **Diabetes** 1985 Jun;34 Suppl 2:32-5

Insulin resistance and impaired insulin secretion in subjects with histories of gestational diabetes mellitus. Ward WK, et al. **Diabetes** 1985 Sep;34(9):861-9

The effect of maternal diabetes on the synthesis and secretion of phosphatidylcholine in fetal and maternal rat lungs in vitro. Nijjar MS, et al. **Diabetologia** 1984 Aug;27(2):219-24

Gastric inhibitory polypeptide (GIP) concentration in human amniotic fluid. Fallucca F, et al. **Horm Metab Res** 1985 May;17(5):251-5

Amniotic fluid content of glucose, C-peptide and insulin in normal and diabetic pregnancies. Greco AV, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:180-2

Fatty acid composition of amniotic fluid lecithin and its relationship to amniotic fluid C-peptide in diabetic pregnancy. Pschera H, et al. **Horm Metab Res** 1984 Dec; 16 Suppl 1:186-9

Psychosocial childbearing stress and metabolic control in pregnant diabetics. Barglow P, et al. **J Nerv Ment Dis** 1985 Oct;173(10):615-20

Pregnancy and diabetes: the maternal response. Bender HS, et al. **Life Sci** 1985 Jul 8;37(1):1-9 (69 ref.)

Fatty acids of sphingomyelin from amniotic fluid of normal and diabetic pregnancies. Kokatnur M, et al. **Lipids** 1985 Jul;20(7):449-53

Comparisons of human placental lactogen mRNA levels from placentas of diabetics and normal term. Mills NC, et al. **Mol Cell Endocrinol** 1985 Jan;39(1):61-9

Demonstration of heterogeneity in gestational diabetes by a 400-kcal breakfast meal tolerance test. Cheney C, et al. **Obstet Gynecol** 1985 Jan;65(1):17-23

Delayed effects of experimental maternal diabetes on plasma cholesterol level and vascular prostacyclin synthesis in the offspring. Bydlowski SP, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):553-7

[Significance of hormones in the amniotic fluid. 1. Insulin and C-peptide] Burkart W, et al. **Geburtshilfe Frauenheilkd** 1984 Dec;44(12):781-6 (Eng. Abstr.) **(Ger)**

[White's type of diabetic pregnant patient and degree of metabolic compensation during gestation: its influence on the weight of the newborn infant] Reynals EA, et al. **Med Clin (Barc)** 1985 Apr 13;84(14):554-6 (Eng. Abstr.) **(Spa)**

MORTALITY

Diabetes and pregnancy in South Carolina. Wheeler FC, et al. **J SC Med Assoc** 1985 Jun;81(6):317-20

OCCURRENCE

Diabetes in pregnancy: a population-based study of incidence, referral for care, and perinatal mortality. Connell FA, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):598-603

Efficacy of screening for gestational diabetes. Marquette GP, et al. **Am J Perinatol** 1985 Jan;2(1):7-9

Geographic, ethnic, and racial variations in the incidence of gestational diabetes mellitus. Hadden DR. **Diabetes** 1985 Jun;34 Suppl 2:8-12 (32 ref.)

Screening for gestational diabetes. Optimum timing and criteria for retesting. Jovanovic L, et al. **Diabetes** 1985 Jun; 34 Suppl 2:21-3

Screening of high-risk and general populations for gestational diabetes. Clinical application and cost analysis. Lavin JP Jr. **Diabetes** 1985 Jun;34 Suppl 2:24-7

Antenatal screening using random blood glucose values. Lind T. **Diabetes** 1985 Jun;34 Suppl 2:17-20

Gestational diabetes. Incidence, maternal characteristics, and perinatal outcome. Sepe SJ, et al. **Diabetes** 1985 Jun;34 Suppl 2:13-6

Random capillary blood glucose and conventional selection criteria for glucose tolerance testing during pregnancy. Stangenberg M, et al. **Diabetes Res** 1985 Jan;2(1):29-33

Routine screening for gestational diabetes reconsidered [editorial] Scherger JE, et al. **J Fam Pract** 1985 Sep; 21(3):177-8

PATHOLOGY

Renal vein thrombosis in stillborn infant of diabetic mother. Al-Samarrai SF, et al. **Acta Pathol Jpn** 1984 Nov; 34(6):1441-7

The placenta in pregnancies complicated by diabetes mellitus. Singer DB. **Perspect Pediatr Pathol** 1984 Fall;8(3):199-212

Histomorphometry of the human placenta in Class C diabetes mellitus. Teasdale F. **Placenta** 1985 Jan-Feb;6(1):69-81

Ultrastructural observations of chorionic villi at term in diabetic women. Kami K, et al. **Tokai J Exp Clin Med** 1984 Mar;9(1):53-67

[Morphometric mitochondrial studies in the placenta of early pregnancies following a normal course of pregnancy and in maternal diabetes mellitus] Estel C, et al. **Zentralbl Gynakol** 1985;107(2):73-8 (Eng. Abstr.) **(Ger)**

[Relation of uteroplacental circulation and morphologic findings in myometrial and decidual arteries in diabetic pregnancy] Semmler K, et al. **Zentralbl Gynakol** 1985; 107(6):329-38 (Eng. Abstr.) **(Ger)**

[Placental ultrastructure in women with impaired glucose tolerance during pregnancy] Bobkov VM, et al. **Probl Endokrinol (Mosk)** 1984 Nov-Dec;30(6):22-5 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Real-time ultrasound estimations of weight in fetuses of diabetic gravid women. Tamura RK, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):57-60

Extremes of foetal birthweight for gestation in infants of diabetic mothers. Kek LP, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):303-6

Calcium hormones in diabetic pregnancy. Donatelli M, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31;60(8):1503-8

On the decrease of glucose tolerance in pregnancy: studies of gastro-entero-pancreatic hormones and cortisol. Hornnes PJ. **Dan Med Bull** 1985 May;32(2):79-86 (132 ref.)

Gestational diabetes mellitus. Heterogeneity of maternal age, weight, insulin secretion, HLA antigens, and islet cell antibodies and the impact of maternal metabolism on pancreatic B-cell and somatic development in the offspring. Freinkel N, et al. **Diabetes** 1985 Jun;34 Suppl 2:1-7

Etiology and pathophysiology of gestational diabetes mellitus. Kühl C, et al. **Diabetes** 1985 Jun;34 Suppl 2:66-70 (34 ref.)

Gestational diabetes mellitus. Correlations between the phenotypic and genotypic characteristics of the mother and abnormal glucose tolerance during the first year postpartum. Metzger BE, et al. **Diabetes** 1985 Jun;34 Suppl 2:111-5

Pregnancy-associated changes in the endocrine pancreas of normoglycaemic streptozotocin-treated Wistar rats. Ziegler B, et al. **Diabetologia** 1985 Mar;28(3):172-5

The fetal endocrine pancreas. Van Assche FA, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Dec;18(5-6):267-72

Delayed pulmonary maturation in the fetus of the streptozotocin-diabetic rat. Gewolb IH, et al. **Exp Lung Res** 1985;8(2-3):141-51

Fetal heart rate in maternal hypoglycemic coma. Confino E, et al. **Int J Gynaecol Obstet** 1985 Feb;23(1):59-60

Antepartum heart rate testing in diabetic pregnancy. Miller JM Jr, et al. **J Reprod Med** 1985 Jul;30(7):515-8

Amniotic fluid microviscosity analysis in diabetic pregnancies: comparison with other methods of lung maturity assessment using predictive value analyses. Neufeld ND, et al. **Mt Sinai J Med (NY)** 1985 Feb; 52([illegible]):110-5

Fetal lung development in the diabetic pregnancy. Bourbon JR, et al. **Pediatr Res** 1985 Mar;19(3):253-67 (285 ref.)

Myocardial excitation-contraction coupling in the fetus of alloxan-diabetic rabbit. Nakanishi T, et al. **Pediatr Res** 1984 Dec;18(12):1344-9

Infants of diabetic mothers. Fetal and neonatal pathophysiology. Morriss FH Jr. **Perspect Pediatr Pathol** 1984 Fall;8(3):223-34

Placentas in pregnancies complicated by maternal diabetes. Singer DB, et al. **Surv Synth Pathol Res** 1984;3(4):333-41 (51 ref.)

[Perinatal repercussions of maternal diabetes: physiopathological aspects] De Muylder X. **Acta Clin Belg** 1984;39(6):374-86 (87 ref.) (Eng. Abstr.) **(Fre)**

[Gestational diabetes] Botella Llusiá J. **An R Acad Nac Med (Madr)** 1984;101(2):153-84 **(Spa)**

[Pathology of the pregnant diabetic: its relation to the degree of metabolic control during the pregnancy] Micaló T, et al. **Med Clin (Barc)** 1985 Mar 16;84(10):394-6 (Eng. Abstr.) **(Spa)**

[Pathology of the newborn infant of the diabetic mother: its relation to the degree of metabolic control during pregnancy] Reynals E, et al. **Med Clin (Barc)** 1985 Feb 2;84(4):143-5 (Eng. Abstr.) **(Spa)**

PREVENTION & CONTROL

Screening for gestational diabetes--analysis by screening criteria. Reed BD. **J Fam Pract** 1984 Dec;19(6):751-5

Cost-effective criteria for glucose screening. Marquette GP, et al. **Obstet Gynecol** 1985 Aug;66(2):181-4

RADIONUCLIDE IMAGING

[Measurement of uteroplacental circulation with 113m indium in diabetic pregnancy] Semmler K, et al. **Zentralbl Gynakol** 1985;107(13):793-802 (Eng. Abstr.) **(Ger)**

THERAPY

Combined team management of diabetes mellitus in pregnancy. Ng CS, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):297-302

Management of pregnancy complicated by diabetes: experience with 232 patients in a 4-year period. Plehwe WE, et al. **Aust NZ J Obstet Gynaecol** 1984 Aug; 24(3):167-73

Treatment of severe diabetic ketoacidosis in the early third trimester in a patient with fetal distress. A case report. Rhodes RW, et al. **J Reprod Med** 1984 Aug;29(8):621-4

Care of the pregnant woman with insulin-dependent diabetes mellitus. Freinkel N, et al. **N Engl J Med** 1985 Jul 11; 313(2):96-101 (64 ref.)

Changes in the management of the pregnant diabetic. Donnelly T, et al. **NZ Med J** 1985 Jun 26;98(781):487-90

Diabetes in pregnancy. No longer a barrier to successful outcome. Hollander P, et al. **Postgrad Med** 1985 Feb 1; 77(2):137–41, 144–6

Pregnancy and diabetes—the improving prognosis. Traub AI, et al. **Ulster Med J** 1983;52(2):118–24

[Diabetes and pregnancy] Foidart JM. **Rev Med Liege** 1985 Feb 15;40(4):117–30 (Fre)

[Our management of pregnancy in diabetics] Kharouf M, et al. **Tunis Med** 1982 Jul–Aug;60(4):142–7 (Fre)

[Management of the newborn infant of the diabetic mother. Apropos of 135 cases] Larguèche S, et al. **Tunis Med** 1985 Mar;63(3):221–5 (Eng. Abstr.) (Fre)

[Diabetes and pregnancy] Schmid J, et al. **Gynakol Rundsch** 1984;24(4):197–209 (Ger)

[Diabetes and pregnancy] Irsigler K, et al. **Wien Med Wochenschr** 1985 Apr 15;135(6–7):173–6 (Ger)

[Care of pregnant diabetic patients—results and problems] Wolff C, et al. **Zentralbl Gynakol** 1985;107(8):467–77 (Eng. Abstr.) (Ger)

[Intensive obstetric management of pregnant diabetics] Feldberg D, et al. **Harefuah** 1984 Dec 2;107(11):344–7 (Heb)

[Calcium metabolism in infants of diabetic mothers under strict metabolic control during pregnancy] Motta G, et al. **Ann Ostet Ginecol Med Perinat** 1984 Jul–Aug; 105(4):225–30 (Eng. Abstr.) (Ita)

[Newborn infants of diabetic mothers. Clinico-epidemiological aspects in relation to the treatment of diabetes in pregnancy] Fabris C, et al. **Minerva Pediatr** 1985 Mar 31;37(5–6):211–5 (Eng. Abstr.) (Ita)

URINE

Urinary estriols in diabetic pregnancy: a reappraisal. Dooley SL, et al. **Obstet Gynecol** 1984 Oct;64(4):469–75

PREGNANCY MAINTENANCE

Maintenance of pregnancy and levels of progesterone and relaxin in the serum of gilts following a stepwise reduction in the number of corpora lutea. Thomford PJ, et al. **Biol Reprod** 1984 Oct;31(3):494–8

DRUG EFFECTS

The effect of porcine relaxin vaginally applied at human embryo transfer in an in vitro fertilization programme. MacLennan AH, et al. **Aust NZ J Obstet Gynaecol** 1985 Feb;25(1):68–71

PREGNANCY, MULTIPLE

Coitus-induced ovulation and its implications for estimates of some reproductive parameters. James WH. **Acta Genet Med Gemellol (Roma)** 1984;33(4):547–55

Screening for multiple pregnancy. Determination of human chorionic gonadotropin (hCG), alpha-fetoprotein (alpha-FP) and human placental lactogen (hPL) in blood during the second trimester of pregnancy. Vandekerckhove F, et al. **Acta Genet Med Gemellol (Roma)** 1984;33(4):571–4

Predictive value of antepartum non-stress test in multiple pregnancies. Lenstrup C. **Acta Obstet Gynecol Scand** 1984; 63(7):597–601

An acardiac acephalic anomaly detected on sonography. Wexler S, et al. **Acta Obstet Gynecol Scand** 1985;64(1):93–4

Successful outcome of a twin gestation in both horns of a bicornuate uterus. Ahram JA, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):323–4

Alloimmunization in twin pregnancies. Bowman JM. **Am J Obstet Gynecol** 1985 Sep 1;153(1):7–13

Twin pregnancy with intrauterine death of one twin. Enbom JA. **Am J Obstet Gynecol** 1985 Jun 15;152(4):424–9

Routine cesarean section in twin gestation [letter] Founger AD, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):329–30

Fetal heart rate accelerations and fetal movements in twin pregnancies. Ohel G, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):686–7

Polyhydramnios and obstructive renal failure: a case report and review of the literature. Vintzileos AM, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):883–5

The value of biparietal diameter and abdominal perimeter in the diagnosis of growth retardation in twin gestation. Barnea ER, et al. **Am J Perinatol** 1985 Jul;2(3):221–2

Pregnancy loss in mothers of multiple births and in mothers of singletons only. Wyshak G. **Ann Hum Biol** 1985 Jan–Feb;12(1):85–9

Aspects of multiple embryo transfer. Gronow MJ, et al. **Ann NY Acad Sci** 1985;442:381–6

The relationship between gestational age and birth-weight in twin pregnancy. Fliegner JR, et al. **Aust NZ J Obstet Gynaecol** 1984 Aug;24(3):192–7

Should an ultrasound scan be a routine in the obstetric patient? Acton CM, et al. **Australas Radiol** 1984 Aug; 28(3):257–61

Immunoreactive oestrogens and progesterone in amniotic fluid in twin pregnancies. Norman RJ, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):216–9

Placental protein and hormone measurements in twin pregnancy. Westergaard JG, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):72–6

Double sacs amniocentesis in twin pregnancy. Liu DL, et al. **Chin Med J [Engl]** 1984 Jun;97(6):465–6

Complications of multiple gestation. Mueller-Heubach E. **Clin Obstet Gynecol** 1984 Dec;27(4):1003–13

Oestrogen measurement to predict multiple pregnancy from gonadotrophin therapy in amenorrhoea. Hull MG, et al. **Clin Reprod Fertil** 1985 Mar;3(1):49–55

Twin pregnancy: case reports illustrating variations in transfusion syndrome. Braat DD, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jun;19(6):383–90

Twin pregnancy: report of a case with 35 days between deliveries. Omsjø IH, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Aug;17(6):413–5

Simultaneous intrauterine twins and tubal pregnancy after conservative microsurgery for ectopic pregnancy in a patient with a single tube: case report. Oelsner G, et al. **Fertil Steril** 1985 Apr;43(4):662–3

Simultaneous ectopic pregnancy with intrauterine twin gestations after in vitro fertilization and embryo transfer. Sondheimer SJ, et al. **Fertil Steril** 1985 Feb;43(2):313–6

Fetal growth and perinatal mortality in twin pregnancy—effect of sick leave and hospitalization. Erkkola R, et al. **Int J Gynaecol Obstet** 1985 Apr; 23(2):115–20

Routine ultrasound scanning for the detection and management of twin pregnancies. Hughey MJ, et al. **J Reprod Med** 1985 May;30(5):427–30

Maternal serum progesterone, 17 beta-estradiol and estriol are increased in pregnancies which follow treatment with human menopausal gonadotropins: effects of multiple gestation and maternal endocrine status. Haning RV Jr, et al. **J Steroid Biochem** 1985 Jun;22(6):823–9

Ultrasound diagnosis of monoamniotic twins with cord entanglement: case report with double survival. Bhakthavathsalan A, et al. **JCU** 1985 Feb;13(2):137–40

Twin pregnancy after pituitary desensitisation with LHRH agonist and pure FSH [letter] Shaw RW, et al. **Lancet** 1985 Aug 31;2(8453):506–7

A study of triplet pregnancy—a Malaysian experience. Kulenthran A, et al. **Med J Malaysia** 1984 Mar;39(1):73–7

Successful treatment of long-lasting severe hypertension with captopril during a twin pregnancy [letter] Coen G, et al. **Nephron** 1985;40(4):498–500

Studies on a new technique of simultaneous FHR recordings on single chart in twin pregnancy. Kigawa J, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul;37(7):1244–6

Multiple pregnancies and perinatal deaths [letter] Ganeshalingham AM, et al. **NZ Med J** 1985 Jun 26; 98(781):507

Multiple gestation. **Obstet Gynecol** 1985 Jan;65(1):152–3

Triplet pregnancy with second trimester abortion and delivery of twins at 35 weeks' gestation. Banchi MT. **Obstet Gynecol** 1984 Nov;64(5):728–30

Intrapartum management of twin gestation. Chervenak FA, et al. **Obstet Gynecol** 1985 Jan;65(1):119–24

Growth discordancy in twin pregnancies: a risk factor not detected by measurements of biparietal diameter. Erkkola R, et al. **Obstet Gynecol** 1985 Aug;66(2):203–6

Intrauterine growth in twin pregnancies: prediction of fetal growth retardation. Secher NJ, et al. **Obstet Gynecol** 1985 Jul;66(1):63–8

Genetic amniocentesis in twin pregnancy. Tabsh KM, et al. **Obstet Gynecol** 1985 Jun;65(6):843–5

Cellular growth of the placenta in twin pregnancy late in gestation. Ward BS. **Placenta** 1985 Mar–Apr;6(2):107–16

Selective survival of only the healthy fetus following prenatal diagnosis of thalassaemia major in binovular twin gestation. Antsaklis A, et al. **Prenat Diagn** 1984 Jul–Aug;4(4):289–96

Prenatal diagnosis of trisomy 10 p in a twin pregnancy. Farge P, et al. **Prenat Diagn** 1985 May–Jun;5(3):199–203

Maternal serum alpha fetoprotein in monozygotic and dizygotic twin pregnancies. Thom H, et al. **Prenat Diagn** 1984 Sep–Oct;4(5):341–6

Amnionicity and chorionicity in twin pregnancies: prediction using ultrasound. Mahony BS, et al. **Radiology** 1985 Apr; 155(1):205–9

Spontaneous regression of large theca lutein cysts in a twin pregnancy. A case report. Lindow SW, et al. **S Afr Med J** 1985 Feb 2;67(5):185–6

Choledochal cyst complicating a twin gestation. Angel JL, et al. **South Med J** 1985 Apr;78(4):463–6

Real-time ultrasonic scanning in the diagnosis of pregnancy and the determination of fetal numbers in sheep. White IR, et al. **Vet Rec** 1984 Aug 18;115(7):140–3

[A case of early transabdominal amniocentesis in twin pregnancy] Khadzhiev A, et al. **Akush Ginekol (Sofiia)** 1985;24(3):88–91 (Eng. Abstr.) (Bul)

[A rare case of combined uterine and extrauterine pregnancy and the birth of live and viable fetuses] Masarliev A, et al. **Akush Ginekol (Sofiia)** 1985;24(1):88–90 (Bul)

[Twin pregnancies. Obstetric and neonatal problems] Kappel B, et al. **Ugeskr Laeger** 1984 Nov 5;146(45):3448–52 (Eng. Abstr.) (Dan)

[Twin pregnancy in mares] van Leeuwen W. **Tijdschr Diergeneeskd** 1984 Sep 15;109(18):697–9 (Eng. Abstr.) (Dut)

[Various aspects of the management of twin pregnancy and delivery] Stucki D. **Gynakol Rundsch** 1984;24 Suppl 1:108–15 (Fre)

[Twin pregnancy with acute hepatic steatosis followed by antehypophyseal insufficiency and diabetes insipidus] Piech JJ, et al. **Presse Med** 1985 Jun 29;14(26):1421–3 (Eng. Abstr.) (Fre)

[Improvement in feto-neonatal prognosis in twin pregnancies. Comparison of 2 series of 158 pregnancies before and after establishing a therapeutic protocol] Michiels Y, et al. **Rev Fr Gynecol Obstet** 1985 Feb; 80(2):99–102 (Eng. Abstr.) (Fre)

[Multiply pregnancy] Essid DM, et al. **Tunis Med** 1983 Jul–Aug;61(4):247–9 (Eng. Abstr.) (Fre)

[Pregnancy and birth of monozygous female twins following in vitro fertilization and embryo transfer] Mettler L, et al. **Geburtshilfe Frauenheilkd** 1984 Oct;44(10):670–6 (Eng. Abstr.) (Ger)

[Incidence of single and multiple births following in vitro fertilization (letter)] Selbmann HK. **Geburtshilfe Frauenheilkd** 1984 Sep;44(9):611 (Ger)

[Diagnosis, pregnancy monitoring and labor induction in multiple pregnancy] Bollmann R, et al. **Z Arztl Fortbild (Jena)** 1984;78(22):943–7 (Ger)

[Management of twin pregnancies currently—a prospective study] Scholtes G, et al. **Z Geburtshife Perinatol** 1984 Jul–Aug;188(4):178–84 (Eng. Abstr.) (Ger)

[Results of a prepartal monitoring program in twin pregnancies] Randow H. **Zentralbl Gynakol** 1984; 106(20):1381–6 (Eng. Abstr.) (Ger)

[Studies on changes in serum estrone, estradiol, estriol, DHA-S, and cortisol and urinary estriol excretion] Ikeno N, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan; 37(1):99–106 (Eng. Abstr.) (Jpn)

[Suggestions with regard to the management of twin pregnancies and labor] Cekański A, et al. **Ginekol Pol** 1985 Jan;56(1):41–4 (Eng. Abstr.) (Pol)

[Management of labor in women with twins] Vasilevskaia LN, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):77–9 (Rus)

[Placenta in multiple pregnancy] Kalashnikova EP, et al. **Arkh Patol** 1985;47(4):47–52 (Eng. Abstr.) (Rus)

[Ultrasonic examination in a pregnant woman with a transplanted kidney] Stefanović V, et al. **Srp Arh Celok Lek** 1984 Jul–Aug;112(7–8):837–40 (Eng. Abstr.) (Scc)

[Amniotic fluid embolism in multiple pregnancy in the second trimester of gestation] Margan I, et al. **Jugosl Ginekol Opstet** 1984 Jan–Apr;24(1–2):29–32 (Eng. Abstr.) (Scr)

[Possible fate of conceived twins and the birth of a single viable fetus—the 'vopiscus'] Rosenzweig E. **Med Pregl** 1984;37(7–8):343–5 (Scr)

[Vaginal delivery in twin pregnancy] Sepúlveda W, et al. **Rev Chil Obstet Ginecol** 1984;49(5):307–11 (Eng. Abstr.) (Spa)

[Twin pregnancy: 7 years' evaluation] Vera E, et al. **Rev Chil Obstet Ginecol** 1983;48(2):76–87 (Eng. Abstr.) (Spa)

DRUG EFFECTS

Elevated serum relaxin levels in multiple pregnancy after menotropin treatment. Haning RV Jr, et al. **Obstet Gynecol** 1985 Jul;66(1):42–5

PREGNANCY, PROLONGED

Changes in the fine structure of rat visceral yolk-sac placenta during prolonged pregnancy. Jollie WP. **Am J Anat** 1984 Sep;171(1):1–14

Prolonged pregnancy. I. Observations concerning the causes of fetal distress. Leveno KJ, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):465–73

The role of ultrasound assessment of amniotic fluid volume in the management of the postdate pregnancy. Phelan JP, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):304–8

G, A and M immunoglobulin levels in the parturients' blood serum, umbilical blood of their neonates, and the amniotic fluid in deliveries of prolonged pregnancies. Gryboś M. **Arch Immunol Ther Exp (Warsz)** 1984;32(4):397–403

False reactive nonstress tests in postterm pregnancies. Vantanasiri C, et al. **J Med Assoc Thai** 1985 May; 68(5):266–8

Antepartum nonstress test and the postmature pregnancy. Fleischer A, et al. **Obstet Gynecol** 1985 Jul;66(1):80–3

Continuing role of the nonstress test in the management of postdates pregnancy. Phelan JP, et al. **Obstet Gynecol** 1984 Nov;64(5):624–8

Considerations on the etiology of postponed labour. Mandouvalos H, et al. **Ther Hung** 1982;30(2):83–7

[Dehydroepiandrosterone sulfate and serum immunoreactive estriol in biologically prolonged pregnancy] Ananiev V. **Akush Ginekol (Sofiia)** 1984;23(5):396–9 (Eng. Abstr.) (Bul)

[Blood levels of specific pregnancy protein SP1 in imminent premature delivery and in delivery post-term] Fuchs V, et al. **Cesk Gynekol** 1985 Jun;50(5):333–7 (Eng. Abstr.) (Cze)

[Effect of hormonally-induced prolongation of pregnancy in rabbits on maternal and fetal serum lipids] Ockert C, et al. **Zentralbl Gynakol** 1985;107(12):744–51 (Eng. Abstr.) (Ger)

[Comparison between the diagnostic value of amnioscopy and the non-stress test in prolonged pregnancy] Belgeri R, et al. **Ann Ostet Ginecol Med Perinat** 1984 Sep–Oct; 105(5):319–24 (Eng. Abstr.) (Ita)

[Usefulness of a correct monitoring of prolonged pregnancies] Grio R, et al. **Minerva Ginecol** 1985 May; 37(5):209–11 (Eng. Abstr.) (Ita)

[Prolonged pregnancy and post-maturity: myth or reality]

Guzmán Sánchez A, et al. **Ginecol Obstet Mex** 1985 Jan; 53(333):1-13 (100 ref.) (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

[Dexamethasone induction and preparation for labor in prolonged pregnancy] Penev I. **Akush Ginekol (Sofiia)** 1985;24(1):27-35 (Eng. Abstr.) **(Bul)**

PREGNANCY PROTEINS

Partial primary structure of human pregnancy zone protein: extensive sequence homology with human alpha 2-macroglobulin. Sottrup-Jensen L, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7353-7

[Pregnancy and placental proteins] Fialová L, et al. **Cesk Fysiol** 1985;34(3):229-43 (86 ref.) **(Cze)**

ANALYSIS

Abnormally elevated pregnancy specific beta 1 glycoprotein (SP1 beta) with very low placental lactogen (hPL) concentrations in a pregnancy with satisfactory outcome. Pledger DR, et al. **Acta Obstet Gynecol Scand** 1984; 63(7):663-5

Serum concentration of pregnancy-associated plasma protein A in the first trimester of pregnancy. Bersinger NA, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):780-2

Pregnancy proteins in seminal plasma, seminal vesicles, preovulatory follicular fluid, and ovary. Seppälä M, et al. **Ann NY Acad Sci** 1985;442:212-26

Monitoring of postimplantation embryo viability by measurement of PAPP-A, SP1, and hCG. Sinosich MJ, et al. **Ann NY Acad Sci** 1985;442:440-4

Pregnancy-associated plasma protein-A and placental protein 5 in human seminal plasma. Sinosich MJ, et al. **Ann NY Acad Sci** 1985;442:287-92

Pregnancy-associated plasma protein-A and placental protein 5 in human ovarian follicular fluid. Sinosich MJ, et al. **Ann NY Acad Sci** 1985;442:269-75

Pregnancy proteins in the endometrium after follicle aspiration for in vitro fertilization. Wahlström T, et al. **Ann NY Acad Sci** 1985;442:402-7

Pregnancy-associated plasma protein-A (PAPP-A) in preovulatory, nonovulatory healthy, and atretic human ovarian follicles during the natural cycle. Westergaard L, et al. **Ann NY Acad Sci** 1985;442:205-11

Detection and localization of placental protein 14-like protein in human seminal plasma and in the male genital tract. Julkunen M, et al. **Arch Androl** 1984;12 Suppl:59-67

Placental proteins in the normal menstrual cycle, in occult pregnancy and in early normal pregnancy in the same subject. Ahmed AG, et al. **Arch Gynecol** 1984;236(2):123-6

The development and validation of a radioimmunoassay for human pregnancy-associated plasma protein A (PAPP-A). Pinto Furtado LG, et al. **Arch Gynecol** 1984;236(2):83-91

Observations on the source of pregnancy-associated plasma protein A (PAPP-A). Bersinger NA, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1074-6

Pregnancy-associated plasma protein-A (PAPP-A): concentration in uterine fluid and immunohistochemical localization in the endometrium. Bischof P, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):863-9

The content of placental protein 12 in decidua and fetal membranes is greater than in placenta. Rutanen EM, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1240-4

Does ultrasound examination render biochemical tests obsolete in the prediction of early pregnancy failure? Westergaard JG, et al. **Br J Obstet Gynaecol** 1985 Jan; 92(1):77-83

Placental protein and hormone measurements in twin pregnancy. Westergaard JG, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):72-6

Pitfall in the use of commercial kits for evaluating pregnancy-specific beta 1-glycoprotein (SP1) [letter] Decoster C, et al. **Clin Chem** 1984 Nov;30(11):1881

Particle-counting immunoassay (PACIA) of pregnancy-specific beta 1-glycoprotein, a possible marker of various malignancies and Crohn's ileitis. Fagnart OC, et al. **Clin Chem** 1985 Mar;31(3):397-401

Enzyme immunoassay for pregnancy-associated plasma protein-A. MacDonald DJ, et al. **Clin Chem** 1984 Nov; 30(11):1848-50

Unexpectedly low values for pregnancy-specific beta 1-glycoprotein (SP1): a possible explanation [letter] Sørensen S. **Clin Chem** 1985 Mar;31(3):489

Comparison of three methods for investigating placental protein 12(PP12)-like immunoreactive substance from preovulatory follicular fluid and purified PP12 from human placenta. Koistinen R. **Clin Chim Acta** 1984 Aug 31; 141(2-3):235-40

Elimination of pregnancy-specific beta 1-glycoprotein (SP1) containing complexes by mercaptoethanol. Sørensen S, et al. **Clin Chim Acta** 1984 Sep 15;142(1):137-43

Monitoring of postimplantation embryo viability following successful in vitro fertilization and embryo transfer by measurement of placental proteins. Sinosich MJ, et al. **Fertil Steril** 1985 Jul;44(1):70-4

Pregnancy-associated plasma protein A: a clinically significant predictor of early recurrence in stage II breast carcinoma. Kuhajda FP, et al. **Hum Pathol** 1985 Mar; 16(3):228-35

Effect of chemical modification on placental alpha-mannosidase. Khan FA, et al. **Indian J Biochem Biophys** 1984 Jun;21(3):203-5

Influence of orchidectomy or oestrogen treatment on serum levels of pregnancy associated alpha 2-glycoprotein and sex hormone binding globulin in patients with prostatic cancer. Carlström K, et al. **Int J Androl** 1985 Feb;8(1):21-7

Pregnancy-associated beta 1-macroglobulin: detection on the surface of ovarian cancer cell lines. Stimson WH, et al. **Int J Cancer** 1985 Feb 15;35(2):185-7

Pregnancy-associated glycoprotein (alpha 2-PAG)—a possible marker in breast cancer? Wilking N, et al. **Int J Cancer** 1984 Oct 15;34(4):479-81

Immunochemical detection and characterization of pregnancy-associated endometrial alpha 1- and alpha 2-globulins secreted by human endometrium and decidua. Bell SC, et al. **J Reprod Fertil** 1985 May;74(1):261-70

Single measurements of chorionic gonadotropin and schwangerschafts protein for assessing gestational age and predicting the day of delivery. Westergaard JG, et al. **J Reprod Med** 1985 Jan;30(1):57-60

Pregnancy-associated plasma protein A and extensive necrosis. Clinically significant predictors of early recurrence in stage I estrogen receptor-negative breast carcinoma. Kuhajda FP, et al. **Lab Invest** 1985 Jul; 53(1):101-7

Tissue factor (coagulation factor III) is present in placental microvilli and cofractionates with microvilli membrane proteins. Carson SD, et al. **Placenta** 1985 Jan-Feb;6(1):5-12

Immunohistochemical localization of pregnancy-associated plasma protein A (PAPP-A) in placentae from normal and pre-eclamptic pregnancies. Dobashi K, et al. **Placenta** 1984 May-Jun;5(3):205-12

New applications for the assay of placental proteins. Klopper A, et al. **Placenta** 1985 Mar-Apr;6(2):173-84

Human seminal plasma contains a wide range of trophoblast-'specific' proteins. Salem HT, et al. **Placenta** 1984 Sep-Oct;5(5):413-7

Immunohistochemical localization of pregnancy-associated plasma protein A in decidua and trophoblast: comparison with human chorionic gonadotrophin and fibrin. Schindler AM, et al. **Placenta** 1984 May-Jun;5(3):227-35

Measurement of concanavalin A-unbound serum pregnancy-specific beta 1-glycoprotein in the assessment of trophoblastic diseases. Englebienne P, et al. **Ric Clin Lab** 1984 Jul-Sep;14(3):561-3

The immunocytochemical location of two membrane-associated placental tissue proteins in human and cynomolgus monkey placentae. Inaba N, et al. **Tumour Biol** 1984;5(2):75-85

Pregnancy-'specific' beta 1-glycoprotein (SP1): purification, characterization, quantification and clinical application in malignancies (a review). Sørensen S. **Tumour Biol** 1984; 5(6):275-302 (162 ref.)

Immunohistochemical and radioimmunological determination of beta-HCG and pregnancy-specific beta 1-protein in seminomas. Steffens J, et al. **Urol Int** 1985; 40(2):72-5

[Serum level of pregnancy-specific beta 1-glycoprotein (SP1) in pregnant women (a preliminary report)] Radikov N, et al. **Akush Ginekol (Sofiia)** 1985;24(2):24-8 (Eng. Abstr.) **(Bul)**

[Blood levels of specific pregnancy protein SP1 in imminent premature delivery and in delivery post-term] Fuchs V, et al. **Cesk Gynekol** 1985 Jun;50(5):333-7 (Eng. Abstr.) **(Cze)**

[Tumor markers (alpha 2-macroglobulin, secretory immunoglobulin A, pregnancy-associated alpha 2-glycoprotein) in the serum of patients with bronchial carcinoma] Briese V, et al. **Arch Geschwulstforsch** 1984; 54(5):391-8 (Eng. Abstr.) **(Ger)**

[Pregnancy-specific beta 1-glycoprotein: a tumor marker] Horne CH, et al. **Ric Clin Lab** 1984;14 Suppl 2:33-8 **(Ita)**

[Comparative analysis of the protein composition of semi-finished products of human albumin treated with silochrome sorbent] Migunov VN, et al. **Gematol Transfuziol** 1985 Feb;30(2):58-62 **(Rus)**

[Physico-chemical characteristics of pregnancy-specific protein in the rat] Krivonosov SK, et al. **Ontogenez** 1985 May-Jun;16(3):265-9 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Protein synthesis and secretion by the human endometrium and decidua during early pregnancy. Bell SC, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):793-803

In vitro synthesis and secretion of ovine trophoblast protein-1 during the period of maternal recognition of pregnancy. Hansen PJ, et al. **Endocrinology** 1985 Oct;117(4):1424-30

Synthesis of placental protein 12 by human decidua. Rutanen EM, et al. **Endocrinology** 1985 Apr;116(4):1304-9

In vivo and in vitro studies on the production of placental proteins (human chorionic gonadotropin, human placental lactogen, and pregnancy-specific beta 1-glycoprotein) in an adrenal choriocarcinoma. Maeyama M, et al. **Obstet Gynecol** 1985 Apr;65(4):593-6

BLOOD

Serum levels of placenta-specific tissue protein 12 (PP12) in pregnancies complicated by pre-eclampsia, diabetes or twins. Than GN, et al. **Arch Gynecol** 1984;236(1):41-5

Influence of bromocriptine on plasma prolactin, human placental lactogen, beta-HCG and steroid hormones in early human pregnancy. Tolino A, et al. **Biol Res Pregnancy Perinatol** 1985;6(2):70-2

Serum chorionic gonadotrophin (hCG), schwangerschaftsprotein 1 (SP1), progesterone and oestradiol levels in patients with nausea and vomiting in early pregnancy. Masson GM, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):211-5

Dramatic increase of placental protein 5 levels following injection of small doses of heparin. Menabawey M, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):207-10

The predictive value of three pregnancy-associated proteins in the detection of the light-for-dates baby. Pledger DR, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):870-4

Placental protein 12 (PP12) in menstrual fluid. Rutanen EM, et al. **Br J Obstet Gynaecol** 1984 Oct;91(10):1025-30

Significance of human chorionic gonadotropin, alpha-fetoprotein, and pregnancy-specific beta-1-glycoprotein in the detection of tumor relapse and partial remission in 126 patients with nonseminomatous testicular germ cell tumors. de Bruijn HW, et al. **Cancer** 1985 Feb 15;55(4):829-35

Some new aspects on emesis gravidarum. Relations to clinical data, serum electrolytes, total protein and creatinine. Järnfelt-Samsioe A, et al. **Gynecol Obstet Invest** 1985; 19(4):174-86

Lymphocyte response to PHA in the presence of sera of pregnant women & its correlation with serum levels of placental specific beta 1-glycoprotein. Majumdar S, et al. **Indian J Med Res** 1984 Apr;79:502-7

Evidence for the presence of oncoplacental SP1-like protein in normal nonpregnant serum. Heikinheimo M, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):188-91

Placental proteins in the diagnosis and evaluation of the 'elusive' early pregnancy. Sinosich MJ, et al. **Obstet Gynecol Surv** 1985 May;40(5):273-82 (66 ref.)

The relationship of placental protein 14 (PP14) in the mother and fetus to specific products of the human placenta. Bolton AE, et al. **Placenta** 1985 Jan-Feb;6(1):1-4

Placental protein 12 (PP12): factors affecting levels in late pregnancy. Rutanen EM, et al. **Placenta** 1984 May-Jun; 5(3):243-8

Placental protein 12 (PP12) in primary liver cancer and cirrhosis. Rutanen EM, et al. **Tumour Biol** 1984;5(2):95-102

[Pregnancy-specific beta 1-glycoprotein, HCG alpha subunit, alpha fetoproteins and HPL in fetal hypotrophy] Ruseva R, et al. **Akush Ginekol (Sofiia)** 1984;23(4):315-20 (Eng. Abstr.) **(Bul)**

[Value of the measurement of SP1 protein in the early diagnosis of pregnancy induced with Pregnyl] Cusumano G, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985; 14(3):309-13 (Eng. Abstr.) **(Fre)**

[Do pregnancy proteins have prospective significance? (SP-1, HPL and PP-5)] Tatra G, et al. **Geburtshilfe Frauenheilkd** 1985 Jun;45(6):363-6 (Eng. Abstr.) **(Ger)**

[Physico-chemical properties of IgG characteristic for normal growth] Nikolaenko AN, et al. **Ukr Biokhim Zh** 1984 Sep-Oct;56(5):493-8 (Eng. Abstr.) **(Rus)**

[Immunoelectrophoretic analysis of reactions between heparin and pregnancy proteins] Zorin NA, et al. **Vopr Med Khim** 1984 Jul-Aug;30(4):26-8 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Characterization of the analogues to human pregnancy-associated alpha 2-glycoprotein (alpha 2PAG, PZP) isolated in the mouse and rat. Hau J, et al. **Lab Anim** 1984 Oct;18(4):344-8

The effect on pregnancy of treatment with antibodies against pregnancy-associated murine protein I (PAMP-I) in inbred and outbred mice. Svendsen P, et al. **Placenta** 1984 Mar-Apr;5(2):175-82

ISOLATION & PURIFICATION

Isolation and characterization of two membrane-associated placental tissue proteins. Bohn H, et al. **Arch Gynecol** 1985; 236(4):225-33

Isolation and characterization of four new placental tissue proteins (PP18, PP19, PP20, PP21). Bohn H, et al. **Arch Gynecol** 1985;236(4):235-42

An endogenous activator protein in human placenta for enzymatic degradation of glucosylceramide. Vaccaro AM, et al. **Biochim Biophys Acta** 1985 Sep 11;836(2):157-66

A phorbol ester-binding inhibitory factor from human placenta. Partial purification, characterization and biological effects. Hamel E, et al. **IARC Sci Publ** 1984; (56):157-64

Pregnancy-associated plasma protein A: purification under mild conditions, peptide mapping and tests for possible interactions with trypsin, plasmin and complement. Gore CH, et al. **Placenta** 1984 Jul-Aug;5(4):293-313

[The purification of pregnancy specific beta 1-glycoprotein (SP1) from third trimester serum and the immunological identification of gamma-component of SP1] Ito M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1913-20 (Eng. Abstr.) **(Jpn)**

METABOLISM

The disappearance rate of pregnancy-associated plasma protein-A (PAPP-A) after the end of normal and abnormal pregnancies. Bischof P, et al. **Arch Gynecol** 1984; 236(2):93-8

Determination of the stage of gestation by the assay of chorionic gonadotrophin and Schwangerschaftsprotein 1. Ahmed AG, et al. **Br J Obstet Gynaecol** 1984 Dec; 91(12):1234-9

The pattern of serum levels of pregnancy-associated plasma protein A (PAPP-A) during the ovulatory menstrual cycle. Bersinger N, et al. **Br J Obstet Gynaecol** 1984 Dec; 91(12):1245-8

Relation between pregnancy-associated plasma protein A (PAPP-A) in human peri-ovulatory follicle fluid and the collection and fertilization of human ova in vitro. Stanger JD, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):786-92

Placental protein measurements in complicated pregnancies. III. Premature labour. Westergaard JG, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1230-3

Placental protein measurements in complicated pregnancies. I. Intrauterine growth retardation. Westergaard JG, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1216-23

Placental protein measurements in complicated pregnancies. II. Pregnancy-related hypertension. Westergaard JG, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1224-9

Serum levels of pregnancy associated alpha 2-glycoprotein (alpha 2-PAG) during pregnancy in autoimmune thyroid disease: relationship to disease activity. Scott RM, et al. **Clin Exp Immunol** 1985 Mar;59(3):564-70

Placental proteins. Bischof P. **Contrib Gynecol Obstet** 1984; 12:1-96 (272 ref.)

Histochemical localization of pregnancy-associated plasma protein A in fetal, infant, and adult organs and comparison between antisera. Schindler AM, et al. **Gynecol Obstet Invest** 1984;18(2):88-94

The serum pregnancy associated alpha 2-glycoprotein level in patients with IgA nephropathy. Toi S, et al. **Hiroshima J Med Sci** 1984 Jun;33(2):131-6

Circulating levels of pregnancy specific beta 1-glycoprotein in normal & pathological pregnancies. Majumdar S, et al. **Indian J Med Res** 1984 May;79:630-5

The localization of pregnancy proteins (hPL, SP1 and PAPP-A) in intra- and extrauterine pregnancies. Chemnitz J, et al. **Placenta** 1984 Nov-Dec;5(6):489-94

Immunohistochemical demonstration of pregnancy-associated plasma protein A (PAPP-A) in the syncytiotrophoblast of the normal placenta at different gestational ages. Tornehave D, et al. **Placenta** 1984 Sep-Oct;5(5):427-31

[Fetal and placental proteins] Seppälä M, et al. **Duodecim** 1985;101(3):323-33 **(Fin)**

[Fibrin-fibrinogen degradation products and pregnancy-specific beta 1-glycoprotein (SP 1) in normal and pathological pregnancies] Geyer H, et al. **Geburtshilfe Frauenheilkd** 1984 Dec;44(12):787-91 (Eng. Abstr.) **(Ger)**

[Enzyme immunoassay for pregnancy-specific beta 1-glycoprotein (SP-1) in patients with testicular tumors] Schulze H, et al. **Z Urol Nephrol** 1985 Jun;78(6):293-8 (Eng. Abstr.) **(Ger)**

[Lysosomal protease activity and protein degradation in the amniotic fluid] Skrzydlewski Z, et al. **Ginekol Pol** 1984 Apr;55(4):253-6 (Eng. Abstr.) **(Pol)**

[Proteins and protein hormones of the placenta in high-risk pregnancy. Experimental and clinical study] Sulović V. **Glas Srp Akad Nauka [Med]** 1981;(33):35-56 (Eng. Abstr.) **(Scc)**

PHARMACODYNAMICS

Placental protein 5 (PP5) inhibits thrombin-induced coagulation of fibrinogen. Meisser A, et al. **Arch Gynecol** 1985;236(4):197-201

No inhibition of the lymphocyte transformation by pregnancy-associated alpha 2-glycoprotein (PAAG). Waschke K, et al. **Biomed Biochim Acta** 1984;43(11):1233-9

Differential in vitro lymphocyte proliferation by mitogens in presence of pregnancy specific beta 1-glycoprotein. Majumdar S, et al. **Indian J Med Res** 1984 May;79:624-9

Pregnancy-specific-beta 1-glycoprotein: effect on lymphocyte proliferation in vitro. Harris SJ, et al. **J Reprod Immunol** 1984 Jul;6(4):267-70

[Effect of pregnancy-associated alpha 2-glycoprotein preparations on the tuberculin reaction of the skin] Göring HD, et al. **Dermatol Monatsschr** 1984;170(8):511-3 (Eng. Abstr.) **(Ger)**

[Interaction of pregnancy proteins with phytohemagglutinin P and concanavalin A (con A)] Krivonosov SK, et al. **Biull Eksp Biol Med** 1985 May;99(5):568-71 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Pregnancy-associated growth factor. I. A proliferative agent which expands adult and cord T4 cells in unfractionated cultures. Morse JH, et al. **Clin Immunol Immunopathol** 1985 Feb;34(2):237-53

Pregnancy-associated growth factor. II. A T-dependent polyclonal activator of human adult peripheral blood lymphocytes (PBL). Carlino JA, et al. **J Immunol** 1985 Mar;134(3):1702-8

A placental polypeptide activator of a membranous protein kinase and its relation to histone 1. Abdel-Ghany M, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7388-91

SECRETION

SP-I secretion by baboon embryos in vitro. Pope VZ, et al. **Placenta** 1984 Sep-Oct;5(5):403-12

THERAPEUTIC USE

Human placenta-eluted gammaglobulins in immunomodulating treatment of rheumatoid arthritis. Combe B, et al. **Am J Med** 1985 Jun;78(6 Pt 1):920-8

URINE

Uromodulin: a unique 85-kilodalton immunosuppressive glycoprotein isolated from urine of pregnant women. Muchmore AV, et al. **Science** 1985 Aug 2;229(4712):479-81

PREGNANCY, SECOND TRIMESTER see **PREGNANCY TRIMESTER, SECOND**

PREGNANCY-SPECIFIC BETA 1-GLYCOPROTEIN see under **PREGNANCY PROTEINS**

PREGNANCY, TEENAGE see **PREGNANCY IN ADOLESCENCE**

PREGNANCY TESTS

Early gestation: correlation of HCG levels and sonographic identification. Nyberg DA, et al. **AJR** 1985 May; 144(5):951-4

Ectopic pregnancy--potentials for diagnosis using ultrasound and urine and serum pregnancy tests. Robinson HP, et al. **Aust NZ J Obstet Gynaecol** 1985 Feb;25(1):49-53

Symptomatic renal mass in a patient with a positive pregnancy test [clinical conference] Snoddy WM, et al. **J Urol** 1985 Jun;133(6):1015-8

Value of human chorionic gonadotropin measurements in blood as a pregnancy test in women on maintenance hemodialysis. Schwarz A, et al. **Nephron** 1985;39(4):341-3

Placental proteins in the diagnosis and evaluation of the 'elusive' early pregnancy. Sinosich MJ, et al. **Obstet Gynecol Surv** 1985 May;40(5):273-82 (66 ref.)

New applications for the assay of placental proteins. Klopper A, et al. **Placenta** 1985 Mar-Apr;6(2):173-84

['Gestagnost' as a required part of the basic examination in women with tumors of the lung, kidney, liver and CNS] Skřivan J. **Cesk Neurol Neurochir** 1985 Mar;48(2):125-6 **(Cze)**

INSTRUMENTATION

[Use of Sevatest HCG-latex in ambulatory gynecologic practice] Zubrová J. **Cesk Gynekol** 1985 Jul;50(6):416-8 **(Cze)**

[Improved early diagnosis of intrauterine pregnancy using an ultrasonic vaginal sonde] Haid C, et al. **Geburtshilfe Frauenheilkd** 1985 Jun;45(6):371-4 (Eng. Abstr.) **(Ger)**

METHODS

No advantages to recent tests for urinary human choriogonadotropin? [letter] Gloning KP, et al. **Clin Chem** 1984 Oct;30(10):1715-6

Roche Sensi-Chrome evaluated as a qualitative screen for choriogonadotropin in serum [letter] Peele JD, et al. **Clin Chem** 1985 Apr;31(4):653

Cervical mucus determinations [letter] Collins JA, et al. **Fertil Steril** 1985 Aug;44(2):280-1

Value of culdocentesis in the diagnosis of ectopic pregnancy. Romero R, et al. **Obstet Gynecol** 1985 Apr;65(4):519-22

[Pathologic early pregnancy. Evaluation of new pregnancy tests] Steier JA, et al. **Tidsskr Nor Laegeforen** 1985 Mar 10;105(7):496-8 (Eng. Abstr.) **(Nor)**

PSYCHOLOGY

Myth or fact: can women self-diagnose pregnancy? Bachmann GA. **J Med Soc NJ** 1984 Oct;81(10):857-8

VETERINARY

Evaluating the accuracy of canine pregnancy diagnosis and litter size using real-time ultrasound. Bondestam S, et al. **Acta Vet Scand** 1984;25(3):327-32

A comparison of six methods used for detecting pregnancy in sheep. Watt BR, et al. **Aust Vet J** 1984 Dec;61(12):377-82

Milk progesterone in Finnish dairy cows: a field study on the control of artificial insemination and early pregnancy. Laitinen J, et al. **Br Vet J** 1985 May-Jun;141(3):297-307

Enzymatic determination of unconjugated oestrogens in faeces for pregnancy diagnosis in mares. Bamberg E, et al. **Equine Vet J** 1984 Nov;16(6):537-9

Pregnancy diagnosis in cattle. Noakes D. **In Pract** 1985 Mar; :46, 48-9, 51

Use of echography in rats for pregnancy diagnosis. Inaba T, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):523-5

Real-time ultrasonic scanning in the diagnosis of pregnancy and the determination of fetal numbers in sheep. White IR, et al. **Vet Rec** 1984 Aug 18;115(7):140-3

[Progesterone in mare's milk: suitable for early pregnancy detection?] Borst GH, et al. **Tijdschr Diergeneeskd** 1985 May 15;110(10):400-1 (Eng. Abstr.) **(Dut)**

[Diagnosis of pregnancy in cows based on progesterone determination in milk performed 3 times] Döbeli M, et al. **Schweiz Arch Tierheilkd** 1984 Aug;126(8):399-407 (Eng. Abstr.) **(Ger)**

[Ultrasonic diagnosis (echography) in the gynecological examination of mares] Kähn W, et al. **Tierarztl Prax** 1984; 12(2):203-10 **(Ger)**

[Applicability of estrogen determination in feces to the diagnosis of pregnancy in cattle] Bamberg E, et al. **Zentralbl Veterinarmed [A]** 1985 Feb;32(2):119-22 (Eng. Abstr.) **(Ger)**

PREGNANCY TESTS, IMMUNOLOGIC

Evaluation of the beta-Neocept test for early pregnancy. Yuen BH, et al. **Can Med Assoc J** 1984 Sep 15;131(6):583-5

Reliable pregnancy test procedure with urine and serum samples [letter] Fan DF. **Clin Chem** 1985 Mar;31(3):494-5

'Tandem ICON hCG' urine pregnancy test evaluated [letter] Strobel JL, et al. **Clin Chem** 1985 Mar;31(3):492-3

Use of a highly sensitive and specific immunoradiometric assay for detection of human chorionic gonadotropin in urine of normal, nonpregnant, and pregnant individuals. Armstrong EG, et al. **J Clin Endocrinol Metab** 1984 Nov; 59(5):867-74

False positive results with Pregnosticon pregnancy test [letter] Hobson BM. **J Clin Pathol** 1984 Oct;37(10):1195

[Sevatest-ELISA hCG Micro. I. Immunoenzymatic kit for the detection and quantitative determination of human chorionic gonadotropin (hCG). Confirmation of the reliability of the test for the routine detection of pregnancy] Podroužek P, et al. **Cesk Gynekol** 1984 Sep;49(8):548-54 (Eng. Abstr.) **(Cze)**

[The pregnancy test, HCG determination] Mulder GH, et al. **Ned Tijdschr Geneeskd** 1984 Dec 1;128(48):2265-70 **(Dut)**

METHODS

Emergency urinary HCG testing with the Tandem ICON [letter] Macchione GJ, et al. **Clin Chem** 1985 Aug; 31(8):1405

Early detection of pregnancy by new beta-hCG monoclonal urine test. Spona J, et al. **Gynecol Obstet Invest** 1985; 19(1):6-10

Early detection of pregnancy [letter] Taylor GF, et al. **Med J Aust** 1985 Apr 1;142(7):425

STANDARDS

The effect of different human chorionic gonadotropin assay sensitivity on screening for ectopic pregnancy. Romero R, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):72-4

VETERINARY

An enzymeimmunoassay of serum oestrone sulphate and its application to early pregnancy diagnosis in pigs. Sugiyama S, et al. **Br Vet J** 1985 Jan-Feb;141(1):60-8

Limitations of the nonhuman pregnancy kit for pregnancy diagnosis in baboons. Bambra CS, et al. **J Med Primatol** 1984;13(4):219-27

Evaluation of a rosette inhibition test for pregnancy diagnosis in pigs. Grewal AS, et al. **J Reprod Immunol** 1985 Feb; 7(2):129-38

Milk progesterone radioimmunoassay using radioiodinated tracers: a rapid and reliable assay system. Espinosa J, et al. **Steroids** 1984 Sep;44(3):217-28

PREGNANCY, THIRD TRIMESTER see **PREGNANCY TRIMESTER, THIRD**

PREGNANCY TOXEMIAS

The role of host factors in an outbreak of necrotizing enterocolitis. Gaynes RP, et al. **Am J Dis Child** 1984 Dec; 138(12):1118-20

BLOOD

Serotonin in toxaemia of pregnancy. Gujrati VR, et al. **Clin Exp Pharmacol Physiol** 1985 Jan-Feb;12(1):9-18

[Antithrombin III in normal pregnancy and late toxicoses] Kholevich B, et al. **Akush Ginekol (Sofiia)** 1984;23(4):306-9 (Eng. Abstr.) **(Bul)**

[Changes in serum lipid and lipoprotein levels in the toxemia of pregnancy] Peng HQ. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Jul;19(3):129-31, 189 (Eng. Abstr.) **(Chi)**

[Toxicosis revisited] Huisjes HJ. **Ned Tijdschr Geneeskd** 1985 Feb 9;129(6):244-5 **(Dut)**

[Thrombophilic states in late gestosis] Niedner W, et al. **Folia Haematol (Leipz)** 1984;111(4):528-34 (Eng. Abstr.) **(Ger)**

[Fibrin-fibrinogen degradation products and pregnancy-specific beta 1-glycoprotein (SP 1) in normal and pathological pregnancies] Geyer H, et al. **Geburtshilfe Fraunheilkd** 1984 Dec;44(12):787-91 (Eng. Abstr.) **(Ger)**

[Changes in antithrombin III concentration in gestosis patients] Huber H, et al. **Z Geburtshilfe Perinatol** 1984 Sep-Oct;188(5):223-5 (Eng. Abstr.) **(Ger)**

[Determination of selected coagulation parameters in the amniotic fluid of gestosis patients] During R, et al. **Zentralbl Gynakol** 1984;106(20):1369-74 (Eng. Abstr.) **(Ger)**

[Serum creatinine levels in physiological pregnancy and in pregnancy complicated by EPH gestosis] Kolasa F, et al. **Ginekol Pol** 1984 Oct;55(10):753-5 (Eng. Abstr.) (Pol)

[Serum uric acid levels in physiological pregnancy and in pregnancy complicated by EPH gestosis] Kolasa F, et al. **Ginekol Pol** 1984 Oct;55(10):749-51 (Eng. Abstr.) (Pol)

[Iron and cobalt levels and the morphological state of the blood in EPH gestosis] Kolasa F, et al. **Przegl Lek** 1984; 41(8):517-9 (Eng. Abstr.) (Pol)

[Sodium, potassium adenosine triphosphatase activity and sodium and potassium concentrations in the erythrocytes in normal pregnancy and in EPH-gestosis] Zajac I. **Wiad Lek** 1984 Apr 15;37(8):601-6 (Eng. Abstr.) (Pol)

[Morphological and functional characteristics of erythrocytes of mothers with late pregnancy toxemias and their newborn infants] Anastas'eva NV, et al. **Akush Ginekol (Mosk)** 1985 May;(5):18-21 (Eng. Abstr.) (Rus)

[Cytochemical study of leukocyte enzyme activity in late toxicosis of pregnancy] Mashaeva LL, et al. **Akush Ginekol (Mosk)** 1985 May;(5):29-31 (Eng. Abstr.) (Rus)

[Chromium in the environment and its relation to human reproduction] Poradovský K, et al. **Cesk Gynekol** 1985 May;50(4):269-72 (Eng. Abstr.) (Slo)

[Fibrinogen/fibrin degradation products in the toxemic patient] Ahued Ahued JR, et al. **Ginecol Obstet Mex** 1985 Apr;53(336):83-6 (Eng. Abstr.) (Spa)

CLASSIFICATION

[Scoring of the hypertensive syndrome in pregnancy and its clinical application] Cong KJ. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Jul;19(3):148-50, 190 (Eng. Abstr.) (Chi)

COMPLICATIONS

Pregnant women with the expanded toxemia syndrome need special care. Goodlin RC. **Nebr Med J** 1984 Aug; 69(8):278-9

[Liver cell damage in pregnancy toxemia] Treffers PE, et al. **Ned Tijdschr Geneeskd** 1984 Oct 27;128(43):2032-6 (Eng. Abstr.) (Dut)

[Coagulation disorders in pregnancy toxemias and pre-eclampsia] Weenink GH, et al. **Ned Tijdschr Geneeskd** 1984 Oct 20;128(42):1985-9 (Eng. Abstr.) (Dut)

[Pregnancy toxemia with thrombocytopenia, hemolytic anemia and hepatic dysfunction] Hakala T, et al. **Duodecim** 1985;101(6):583-6 (Fin)

[Acute occlusion of the choriocapillaris and pregnancy toxemia. Apropos of 5 cases] Lepori JC, et al. **Bull Soc Ophtalmol Fr** 1984 Mar;84(3):295-8, 300-1 (Eng. Abstr.) (Fre)

[Evaluation of the clinical and biologic means of assessing fetal prognosis in pregnancy toxemias. Apropos of 223 cases] Valentin B, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(4):499-505 (Eng. Abstr.) (Fre)

[Successful therapy of consumption coagulopathy in EPH gestosis with multiple organ failure] Schregel W, et al. **Anasth Intensivther Notfallmed** 1984 Aug;19(4):201-3 (Eng. Abstr.) (Ger)

[Current attitudes in monitoring pregnancies complicated by EPH gestosis] Sciarra F, et al. **Clin Ter** 1984 Aug 31; 110(4):381-4 (Eng. Abstr.) (Ita)

[Studies on the symptoms of EPH-gestosis patients one month after delivery] Kohno H, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jun;37(6):930-4 (Eng. Abstr.) (Jpn)

[Various features of erythron lesions in mother and fetus in late toxemias of pregnancy] Loseva MI, et al. **Gematol Transfuziol** 1984 Sep;29(9):44-8 (Eng. Abstr.) (Rus)

DIAGNOSIS

Thrombotic thrombocytopenic purpura mimicking toxemia of pregnancy. Vandekerckhove F, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):320-2

A clinico-pathological diagnosis of hypertensive disorders of pregnancy. Dhall K, et al. **Asia Oceania J Obstet Gynaecol** 1985 Jun;11(2):219-25

Polymorphic eruption of pregnancy with subepidermal vesicles. Holmes RC, et al. **J R Soc Med** 1984;77 Suppl 4:22-3

[Uricemia as a diagnostic and prognostic criterion in the EPH syndrome] Bozhinova S, et al. **Akush Ginekol (Sofiia)** 1984; 23(6):479-83 (Eng. Abstr.) (Bul)

[Evaluation of uterine and fetal status in late pregnancy toxicoses] Katsulov A, et al. **Akush Ginekol (Sofiia)** 1984; 23(6):474-8 (Eng. Abstr.) (Bul)

[Personal experience with the roll-over test] Subrt K, et al. **Cesk Gynekol** 1985 Jul;50(6):412-4 (Cze)

[Peripartum hypertensive crisis and multi-organ failure in a 24-year-old patient] Zähringer J, et al. **Internist (Berlin)** 1985 Mar;26(3):177-80 (Ger)

[Posterior eye changes in pregnancy. Retinal punctate hemorrhage, a specific sign of EPH gestosis?] Huismans H. **Klin Monatsbl Augenheilkd** 1984 Aug;185(2):138-41 (Eng. Abstr.) (Ger)

[Children of mothers with late gestosis in pregnancy. Results of a prospective 'course of pregnancy and child development' study program] Manzke H, et al. **Monatsschr Kinderheilkd** 1985 Apr;133(4):246-9 (Eng. Abstr.) (Ger)

[Significance of serum uric acid determination for the early detection of complications of hypertensive pregnancy in primigravidae] Schwarz R, et al. **Zentralbl Gynakol** 1984; 106(15):1077-83 (Eng. Abstr.) (Ger)

[Early diagnosis of nephropathy in pregnancy] Strizhova NV, et al. **Sov Med** 1984;(7):35-9 (Eng. Abstr.) (Rus)

DRUG THERAPY

Hypertension in pregnancy. A study of 142 women presenting before 32 weeks' gestation. Horvath JS, et al. **Med J Aust** 1985 Jul 8;143(1):19-21

[Current trends in the therapy of late pregnancy toxicosis] Atanasov B, et al. **Akush Ginekol (Sofiia)** 1984;23(5):371-5 (Eng. Abstr.) (Bul)

[Treatment of toxemia of pregnancy with combined traditional Chinese and western medicine--report of 117 cases] Yang SM. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):469-71 (Eng. Abstr.) (Chi)

[Observations on anisodamine treatment on the hypertensive syndrome in pregnancy and indexes of its microcirculatory rheology] Wang BP. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Jul;19(3):145-7, 190 (Eng. Abstr.) (Chi)

[Observation on anisodamine treatment of the toxemia of pregnancy] Wang ZW. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Jul;19(3):142-4, 190 (Eng. Abstr.) (Chi)

[Fundamental studies on the management of disseminated intravascular coagulation (DIC) with antithrombin III (AT-III) concentrate] Gotoh K. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr; 37(4):571-80 (Eng. Abstr.) (Jpn)

ENZYMOLOGY

[Monoamine oxidase activity of the human placenta in nephropathy in pregnancy] Matesha EI. **Akush Ginekol (Mosk)** 1985 May;(5):24-6 (Eng. Abstr.) (Rus)

ETIOLOGY

A brief review of the research on toxemia of pregnancy in Shanghai. Wang JH, et al. **Chin Med J [Engl]** 1984 May; 97(5):361-8

[glomerular diseases and pregnancy] Nakayama T, et al. **Nippon Rinsho** 1984 Jun;42(6):1459-63 (Jpn)

[Current concepts of the pathogenetic mechanisms of late pregnancy toxemias] Strizhova NV. **Akush Ginekol (Mosk)** 1985 May;(5):15-7 (Eng. Abstr.) (Rus)

[Pathology of the pregnant diabetic: its relation to the degree of metabolic control during the pregnancy] Micaló T, et al. **Med Clin (Barc)** 1985 Mar 16;84(10):394-6 (Eng. Abstr.) (Spa)

IMMUNOLOGY

Alterations of immunologic parameters in pregnancies complicated by EPH-gestosis. Bartl W, et al. **Biol Res Pregnancy Perinatol** 1985;6(2):73-8

Cell mediated immune response in spontaneous abortion & toxaemia of pregnancy. Naithani J, et al. **Indian J Med Res** 1985 Feb;81:149-56

HLA antigens-antibodies system and its association with severe toxemia of pregnancy. Fujisawa S. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan;37(1):124-30

Functional aspects of T-lymphocyte subsets in pregnancy. Bailey K, et al. **Obstet Gynecol** 1985 Aug;66(2):211-5

[Cell-mediated immunity in the toxemia of pregnancy using the leukocyte migration inhibition test] Peng HQ. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Mar;20(2):96-8, 127 (Eng. Abstr.) (Chi)

[Immunocomplexes and EPH-gestosis] Knobloch V. **Cesk Gynekol** 1984 Dec;49(10):746-58 (76 ref.) (Cze)

[Course of late toxicosis of pregnancy in relation to the degree of immunity to diphtheria and tetanus] Seitzhanova KD. **Akush Ginekol (Mosk)** 1985 May;(5):32-3 (Eng. Abstr.) (Rus)

[Immunochemical study of the system of soluble leukocyte antigens in normal pregnancy and pregnancy complicated by late toxicosis] Strizhova NV, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):45-7 (Eng. Abstr.) (Rus)

METABOLISM

[Oxidation-reduction potential of soft tissues of the fetal head in labor complicated by intrauterine hypoxia and late toxicosis of pregnancy] Grishchenko VI, et al. **Akush Ginekol (Mosk)** 1985 May;(5):35-7 (Eng. Abstr.) (Rus)

PARASITOLOGY

[Hydatoxi lualba--the worm that wasn't] Cepický P. **Cesk Gynekol** 1985 Mar;50(2):152-3 (Cze)

PATHOLOGY

Morphology of fetal placental stem arteries in hypertensive disorders ('toxemia') of pregnancy. Las Heras J, et al. **Appl Pathol** 1983 Nov-Dec;1(6):301-9

Functional and morphologic studies of the adrenal cortex and kidney in ovine toxaemia of pregnancy. Hill PA, et al. **J Pathol** 1984 Sep;144(1):1-13

Morphometric studies of fetal placental stem arteries in hypertensive disorders ('toxaemia') of pregnancy. Las Heras J, et al. **Placenta** 1985 May-Jun;6(3):217-27

[Pregnancy toxemia and hyperplasia of the juxtaglomerular apparatus] Chomette G, et al. **Arch Anat Cytol Pathol** 1985; 33(3):175-8 (Eng. Abstr.) (Fre)

[A morphological study on the placenta in toxemia of pregnancy] Nakamura M. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1831-40 (Eng. Abstr.) (Jpn)

[A typical case of DIC precipitated by cesarean section done for severe toxemia of pregnancy and a follow up laboratory study of the progress of DIC] Nishijima S, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Nov; 36(11):2072-8 (Eng. Abstr.) (Jpn)

[Studies on the relationship between quantitative histometry and obstetric complications] Ogino M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1793-800 (Eng. Abstr.) (Jpn)

PHYSIOPATHOLOGY

The effect of bricanyl on placental circulation in late toxaemia of pregnancy. Csákány MG, et al. **Ther Hung** 1982;30(3):138-40

[Hemostatic changes in late pregnancy toxicosis] Kholevich B. **Akush Ginekol (Sofiia)** 1984;23(5):452-5 (45 ref.) (Bul)

[Observation on ultrasonic placental grading of the toxemia and chronic hypertension of pregnancy] Zou L. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Jul;19(3):136-8, 189 (Eng. Abstr.) (Chi)

[Uteroplacental circulation and functional status of the fetoplacental unit in risk pregnancies with special reference to late gestosis] Anton W, et al. **Zentralbl Gynakol** 1985; 107(6):339-47 (Eng. Abstr.) (Ger)

[Experimental studies on toxemia of pregnancy: relationship between sodium chloride and hypertension in pregnancy] Hayashi S. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1230-8 (Eng. Abstr.) (Jpn)

[The condition of newborn infants from risk pregnancies and HPL concentration in the blood of their mothers] Rybakowa M, et al. **Folia Med Cracov** 1984;25(1-2):3-7 (Eng. Abstr.) (Pol)

[Thyroid function in pregnant women with late toxicosis and extragenital pathology] Andreev KP. **Akush Ginekol (Mosk)** 1985 May;(5):27-9 (Eng. Abstr.) (Rus)

[Newborn infants born to toxemic mothers (toxemic fetopathy)] Gómez-Gómez M, et al. **Bol Med Hosp Infant Mex** 1985 Mar;42(3):179-87 (Eng. Abstr.) (Spa)

[Hypertension induced by pregnancy] Castro Santoro R. **Rev Chil Obstet Ginecol** 1983;48(5):331-48 (Eng. Abstr.) (Spa)

PREVENTION & CONTROL

Lithium in pregnancy--avoidance of toxicity. A case report. Kaufman KR, et al. **Biol Res Pregnancy Perinatol** 1985; 6(2):55-8

[The roll-over test in clinical use and its significance in the early detection of hypertensive gestosis] Prenzlau P, et al. **Zentralbl Gynakol** 1984;106(18):1237-40 (Eng. Abstr.) (Ger)

SURGERY

[Obstetrico-surgical activity in EPH gestoses (a preliminary report)] Bozhinova S, et al. **Akush Ginekol (Sofiia)** 1984; 23(4):299-305 (Eng. Abstr.) (Bul)

THERAPY

Hypertension in pregnant women. Gallery ED. **Med J Aust** 1985 Jul 8;143(1):23-7 (60 ref.)

[Our treatment experience in late pregnancy toxicoses using bed rest] Donchev V, et al. **Akush Gin[illegible] Sofiia)** 1985; 24(1):19-23 (Eng. Abstr.) (Bul)

[Late toxicoses--the current status. III. Treatment problems] Katsulov A. **Akush Ginekol (Sofiia)** 1984;23(4):289-99 (31 ref.) (Eng. Abstr.) (Bul)

[Importance of treating hypertension in pregnancy: clinical attitude] Germond M, et al. **Rev Med Suisse Romande** 1985 Feb;105(2):109-21 (55 ref.) (Fre)

[Fetomaternal management of toxemic pregnancy] Fukuta T. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1273-8 (Jpn)

[Effect of hyperbaric oxygenation on the indicators of lipid metabolism in pregnant women with late toxicosis] Tereshin PI, et al. **Akush Ginekol (Mosk)** 1985 May;(5):34-5 (Eng. Abstr.) (Rus)

URINE

Urinary kallikrein in normal pregnancy, pregnancy with hypertension, and toxemia. Kovatz S, et al. **Nephron** 1985; 40(1):48-51

[Urinary plasmin in late pregnancy toxicosis] Katsulov A, et al. **Akush Ginekol (Sofiia)** 1984;23(5):369-71 (Eng. Abstr.) (Bul)

[Determination of urinary fibrinogen degradation product in the toxemia of pregnancy] Wu JS. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Jul;19(3):132-5, 189 (Eng. Abstr.) (Chi)

VETERINARY

Effects of trenbolone acetate and propylene glycol on pregnancy toxaemia in ewes. Wierda A, et al. **Vet Rec** 1985 Mar 16;116(11):284–7

PREGNANCY TRIMESTER, FIRST

First trimester prenatal diagnosis of genetic disorders. Will chorionic villi sampling make it a reality? Cosper P, et al. **Ala J Med Sci** 1984 Oct;21(4):425–6

Priming with gonadotropin–releasing hormone restores gonadotropin secretion during first but not second trimester of pregnancy. Shoupe D, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):460–4

Episodic secretion of human chorionic gonadotropin. Ayala AR, et al. **Arch Invest Med (Mex)** 1984 Apr–Jun; 15(2):147–53 **(Eng, Spa)**

Cervical dilatation for early abortion (new approach). Purwar MB, et al. **Asia Oceania J Obstet Gynaecol** 1984 Sep; 10(3):275–9

Acupuncture for the induction of cervical dilatation in preparation for first–trimester abortion and its influence on HCG. Ying YK, et al. **J Reprod Med** 1985 Jul; 30(7):530–4

Detection of fetal cardiac activity between 41 and 43 days of gestation. Cadkin AV, et al. **J Ultrasound Med** 1984 Nov;3(11):499–503

First–trimester drug use and congenital disorders. Aselton P, et al. **Obstet Gynecol** 1985 Apr;65(4):451–5

Evaluation of possible first trimester prenatal diagnosis in lysosomal diseases by trophoblast biopsy. Poenaru L, et al. **Pediatr Res** 1984 Oct;18(10):1032–4

[The diagnosis of abnormalities in the 1st trimester of pregnancy] Schaaps JP. **Rev Med Liege** 1985 May 1; 40(9):369–71 **(Fre)**

[Cervix priming in induced abortion in the 1st trimester using intracervical administration of sulprostone gel] Rath W, et al. **Geburtshilfe Frauenheilkd** 1985 Jan;45(1):51–6 (Eng. Abstr.) **(Ger)**

[First trimester prenatal diagnosis] Steinhertz R, et al. **Harefuah** 1984 Nov 1;107(9):254–6 **(Heb)**

[Volumetric growth of the gestational sac: reliability and clinical limits] Gramellini D, et al. **Acta Biomed Ateneo Parmense** 1984;55(5–6):289–94 (Eng. Abstr.) **(Ita)**

PREGNANCY TRIMESTER, SECOND

Priming with gonadotropin–releasing hormone restores gonadotropin secretion during first but not second trimester of pregnancy. Shoupe D, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):460–4

Mid–pregnancy amniocentesis. Ju KS, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):55–63

Uterine rupture during induced mid–trimester abortion. Biale Y, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Mar; 19(3):175–82

Morbidity and mortality from second–trimester abortions. Grimes DA, et al. **J Reprod Med** 1985 Jul;30(7):505–14 (26 ref.)

[Abortion induction in the 2d pregnancy trimester. Endocervical PGE2 gel administration, intramuscular sulprostone administration and combined (endocervical PGE2 gel/intramuscular sulprostone) treatment] Schmidt W, et al. **Geburtshilfe Frauenheilkd** 1985 Apr;45(4):261–4 (Eng. Abstr.) **(Ger)**

[Maternal–fetal prognosis based on mean arterial blood pressure in the 2d trimester of pregnancy] Paiva E, et al. **Rev Chil Obstet Ginecol** 1984;49(5):326–9 (Eng. Abstr.) **(Spa)**

PREGNANCY TRIMESTER, THIRD

Estrogen and progesterone receptor and hormone levels in human myometrium and placenta in term pregnancy. Khan–Dawood FS, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):501–5

Continuing growth and development of the third–trimester human placenta. Sands J, et al. **Placenta** 1985 Jan–Feb; 6(1):13–21

Peripartum cardiomyopathy. Julian DG, et al. **Prog Cardiovasc Dis** 1985 Jan–Feb;27(4):223–40 (128 ref.)

Simultaneous and serial measurement of serum levels of human placental lactogen, beta–human chorionic gonadotropin and unconjugated estriol levels in pregnant women. Furuhashi N, et al. **Tohoku J Exp Med** 1984 Oct; 144(2):211–5

[Changes in the intensity of ultrasound echography in the fetal lung in the last trimester as a possible indication of lung maturity] Fendel H, et al. **Z Geburtshilfe Perinatol** 1984 Nov–Dec;188(6):269–71 (Eng. Abstr.) **(Ger)**

[Effect of oxytocin on renin activity and aldosterone concentration in plasma as well as blood pressure in late pregnancy and early puerperium] Niesert S, et al. **Zentralbl Gynakol** 1985;107(9):561–7 (Eng. Abstr.) **(Ger)**

[Concentration of vitamin C in the final phase of pregnancy and in the early stage of lactation] Vega–Franco L, et al. **Bol Med Hosp Infant Mex** 1985 Feb;42(2):92–8 (Eng. Abstr.) **(Spa)**

[Electrocardiographic features in pregnancy at term and postpartum. Correlation with serum lipids] Domínguez de Costa C, et al. **Ginecol Obstet Mex** 1983 Mar;51(311):73–8 (Eng. Abstr.) **(Spa)**

[Preprandial blood glucose and insulin levels in the 3d trimester of pregnancy. Normal pregnancies] Espinosa de los Monteros A, et al. **Ginecol Obstet Mex** 1984 Nov; 52(331):281–3 (Eng. Abstr.) **(Spa)**

PREGNANCY, TUBAL

Simultaneous ectopic pregnancy with intrauterine twin gestations after in vitro fertilization and embryo transfer. Sondheimer SJ, et al. **Fertil Steril** 1985 Feb;43(2):313–6

Ectopic pregnancy in a distal tubal remnant. Molloy BG, et al. **Int J Gynaecol Obstet** 1985 Apr;23(2):135–6

Interstitial pregnancy. A case report. Glover DD, et al. **J Reprod Med** 1985 Jul;30(7):554–6

Pregnancy after vaginal hysterectomy. Nehra PC, et al. **Obstet Gynecol** 1984 Nov;64(5):735–8

[Interstitial pregnancy] Donátová N, et al. **Cesk Gynekol** 1985 Jun;50(5):338–41 (Eng. Abstr.) **(Cze)**

[Extrauterine tubal pregnancy. Clinico–statistical considerations] Arrotta U, et al. **Minerva Ginecol** 1984 Jul–Aug;36(7–8):399–402 (Eng. Abstr.) **(Ita)**

[Extrauterine pregnancy for the 4th time in the same patient] Timčev N. **Jugosl Ginekol Opstet** 1984 May–Aug; 24(3–4):62–3 (Eng. Abstr.) **(Scr)**

[Concommitant normotopic and ectopic pregnancies: presentation of 2 cases] Yurác C, et al. **Rev Chil Obstet Ginecol** 1983;48(5):324–30 (Eng. Abstr.) **(Spa)**

COMPLICATIONS

Repeat ipsilateral tubal pregnancy following partial salpingectomy: a case report. Cartwright PS, et al. **Fertil Steril** 1984 Oct;42(4):647–8

[Bichorionic pregnancy as a cause of posthemorrhagic shock] Seget'a J, et al. **Cesk Gynekol** 1985 Jun;50(5):359–60 **(Cze)**

[Coexistence of ureteral calculi with tubal pregnancy] Musierowicz A, et al. **Wiad Lek** 1985 Feb 1;38(3):234–6 (Eng. Abstr.) **(Pol)**

[Efficacy of health resort treatment of secondary infertility following tubal pregnancy] Borovskaia VD, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May–Jun; (3):29–32 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

The clinical features and incidence of concurrent intra and extra uterine pregnancies. Ben–Rafael Z, et al. **Acta Eur Fertil** 1985 May–Jun;16(3):199–202

Culdocentesis in tubal pregnancy. Mittal S, et al. **Aust NZ J Obstet Gynaecol** 1985 Feb;25(1):54–5

Ectopic pregnancy. Boyd ME. **Can J Surg** 1985 Sep; 28(5):397–9

Diagnostic problems in ectopic pregnancy. Wright EA. **East Afr Med J** 1984 May;61(5):399–405

Case report. Torsion of pregnant fallopian tube––a rare case. Dicker D, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Nov;18(4):225–8

Chronic ectopic pregnancy. Bedi DG, et al. **J Ultrasound Med** 1984 Aug;3(8):347–52

Tubal pregnancy: significance of serum and peritoneal fluid alpha–amylase. Hannon ZJ, et al. **Obstet Gynecol** 1985 Sep; 66(3):395–7

[Diagnosis of extrauterine pregnancy in mini–abortions] Dejmek M, et al. **Cesk Gynekol** 1984 Aug;49(7):484–7 **(Cze)**

[Radioimmunologic determination of HCG in the diagnosis of extrauterine pregnancy in our case material] Nesit V, et al. **Cesk Gynekol** 1984 Aug;49(7):469–74 (Eng. Abstr.) **(Cze)**

[Tubal pregnancy following vaginal hysterectomy. Case report on a delayed ectopic pregnancy] Köst G, et al. **Fortschr Med** 1984 Dec 6;102(45):1153–5 (Eng. Abstr.) **(Ger)**

[Tubal pregnancy after a previous tubal ligation and hysterectomy] Beuthe D, et al. **Geburtshilfe Frauenheilkd** 1985 Mar;45(3):188 (Eng. Abstr.) **(Ger)**

[Direct sonographic detection of tubal pregnancy following a fertilization operation] Kunze G, et al. **Geburtshilfe Frauenheilkd** 1984 Aug;44(8):506–9 (Eng. Abstr.) **(Ger)**

[Hydatidiform mole presenting as an extrauterine pregnancy] Litschgi M. **Geburtshilfe Frauenheilkd** 1985 Mar;45(3):189 (Eng. Abstr.) **(Ger)**

[Changes in the diagnosis and therapy of extrauterine pregnancy] Reinthaller A, et al. **Wien Med Wochenschr** 1985 Feb 15;135(3):61–3 (Eng. Abstr.) **(Ger)**

[Coexistence of intra– and extra–uterine pregnancy. Presentation of a case] Battaglia S, et al. **Radiol Med (Torino)** 1985 Mar;71(3):166–7 **(Ita)**

[A case of tubal pregnancy carried to term] Dudkiewicz J, et al. **Ginekol Pol** 1984 Dec;55(12):951–3 (Eng. Abstr.) **(Pol)**

[Early diagnosis of tubal pregnancy using non–invasive methods] Ramírez C, et al. **Rev Chil Obstet Ginecol** 1983; 48(6):426–31 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Ectopic pregnancy and spontaneous abortions following in–vitro fertilization and embryo transfer. Lindenberg S, et al. **Acta Obstet Gynecol Scand** 1985;64(1):31–4

Ectopic pregnancy in relation to previous induced abortion. Daling JR, et al. **JAMA** 1985 Feb 15;253(7):1005–8

Tubal pregnancy after vaginal hysterectomy. Salmi T, et al. **Obstet Gynecol** 1984 Dec;64(6):826–8

[Female genital schistosomiasis and tubal pregnancy] Yang HL. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):160 **(Chi)**

[Tubal pregnancy after fertilization in vitro and transfer of the embryo into the uterus] Pilka L, et al. **Cesk Gynekol** 1984 Nov;49(9):649–51 **(Cze)**

[Extrauterine pregnancy in the contralateral tube] Dietrichs E, et al. **Tidsskr Nor Laegeforen** 1985 Feb 20;105(5):362 (Eng. Abstr.) **(Nor)**

METABOLISM

Inverse ratio of hCG in peritoneal fluid to that in serum in normal and tubal pregnancies. Dericks–Tan JS, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jun;19(6):375–82

PATHOLOGY

SEM–dissection of a human embryo derived from an ectopic pregnancy. Hendrix MJ, et al. **Early Hum Dev** 1985 May; 11(1):61–8

[Clinico–morphological basis for conservative plastic operations in treating tubal pregnancy] Matsuev AI, et al. **Akush Ginekol (Mosk)** 1985 Mar;(3):24–5 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

[Importance of a structural and functional analysis of the fallopian epithelium in tubal pregnancy and endometrial adenocarcinoma] Glukhovets BI, et al. **Arkh Patol** 1984; 46(8):50–4 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

[Roentgen diagnosis of extrauterine (tubal) pregnancy] Shniger NU, et al. **Vestn Rentgenol Radiol** 1984 Nov–Dec; (6):52–7 (Eng. Abstr.) **(Rus)**

SURGERY

Simultaneous intra– and extra–uterine pregnancy and hormone milieu after early luteectomy: case report. Nagae M, et al. **Asia Oceania J Obstet Gynaecol** 1984 Dec; 10(4):473–7

Isthmic ectopic pregnancy: segmental resection as the treatment of choice. DeCherney AH, et al. **Fertil Steril** 1985 Sep;44(3):307–12

Simultaneous intrauterine twins and tubal pregnancy after conservative microsurgery for ectopic pregnancy in a patient with a single tube: case report. Oelsner G, et al. **Fertil Steril** 1985 Apr;43(4):662–3

Persistent trophoblastic tissue following salpingostomy for unruptured ectopic pregnancy. Rivlin ME, et al. **Fertil Steril** 1985 Feb;43(2):323–4

Persistent ectopic pregnancy: complication of conservative surgery? Rivlin ME. **Int J Fertil** 1985;30(1):10, 12–4

Conservative management of the unruptured tubal pregnancy. Taylor PJ, et al. **Int J Fertil** 1984;29(3):149–51

Diagnosis and management of tubal pregnancy: effect on fertility outcome. Paavonen J, et al. **Int J Gynaecol Obstet** 1985 Apr;23(2):129–33

Conservative microsurgical management of ectopic gestation. Reyniak JV. **Wien Klin Wochenschr** 1985 May 24; 97(11):481–6

[Treatment of tubal pregnancy] Dörr PJ, et al. **Ned Tijdschr Geneeskd** 1985 Jan 5;129(1):21–4 (Eng. Abstr.) **(Dut)**

[Diagnosis and management of ectopic pregnancy] Heinonen PK, et al. **Duodecim** 1984;100(18):1166–72 (Eng. Abstr.) **(Fin)**

[Initial experiences with the operative treatment of tubal pregnancy by laparoscopy] Kolmorgen K, et al. **Zentralbl Gynakol** 1985;107(10):611–8 (Eng. Abstr.) **(Ger)**

[Conservative plastic operations in tubal pregnancy] Davydov SN. **Akush Ginekol (Mosk)** 1985 Mar;(3):11–5 **(Rus)**

[Reflex diagnosis of functional uterine and ovarian disorders after surgical procedures in tubal pregnancy] Dorogova EA, et al. **Akush Ginekol (Mosk)** 1984 Aug;(8):42–4 (Eng. Abstr.) **(Rus)**

[Problems of conservative plastic operations in tubal pregnancy] Kheifets SN, et al. **Akush Ginekol (Mosk)** 1985 Mar;(3):15–7 (Eng. Abstr.) **(Rus)**

[Ventral hernias following obstetrical and gynecologicaL operations] Kornilaev PG, et al. **Akush Ginekol (Mosk)** 1985 Mar;(3):56–7 **(Rus)**

[Experience in using conservative plastic operations in tubal pregnancy] Skruibis PP. **Akush Ginekol (Mosk)** 1985 Mar; (3):22–3 (Eng. Abstr.) **(Rus)**

[Rehabilitation of the menstrual and child–bearing functions of young women having undergone an operation for tubal pregnancy] Sokolova TM, et al. **Akush Ginekol (Mosk)** 1985 Mar;(3):27–9 (Eng. Abstr.) **(Rus)**

[Importance of organ–conserving operations in tubal pregnancy in rehabilitating the female reproductive function] Zagrebina VA, et al. **Akush Ginekol (Mosk)** 1985

Mar;(3):25–6 (Eng. Abstr.) **(Rus)**

THERAPY

Tubal lavage in the management of ectopic pregnancy. Motanya SA, et al. **Henry Ford Hosp Med J** 1984;32(2):146

PREGNANCY, UNWANTED see under **PREGNANCY**

PREGNANCY ZONE PROTEINS see under **PREGNANCY PROTEINS**

PREGNANEDIOL

ANALOGS & DERIVATIVES

Pregnanediol-3 alpha-glucuronide measured in diluted urine by mass spectrometry with fast atom bombardment/negative-ion ionization. Moneti G, et al. **Clin Chem** 1985 Jan;31(1):46–9

Hormonal monitoring of early pregnancy by a direct radioimmunoassay of steroid glucuronides in first morning urine. Mendizábal AF, et al. **Fertil Steril** 1984 Nov; 42(5):737–40

Direct assay of urinary steroid glucuronides for monitoring the approach of ovulation. Merlo AB, et al. **Int J Fertil** 1984;29(3):189–93

PHYSIOLOGY

Relationship of pregnanediol level to cognitive behavior and mood. Graham EA, et al. **Psychosom Med** 1985 Jan–Feb; 47(1):26–34

URINE

[Excretion of sex hormones in relation to serum levels of cholesterol and cholesterol esters in physiological pregnancy] Kurysheva KA, et al. **Akush Ginekol (Mosk)** 1985 May;(5):37–9 (Eng. Abstr.) **(Rus)**

PREGNANEDIONES

Effects of anesthetic and nonanesthetic steroids on dipalmitoylphosphatidylcholine liposomes: a calorimetric and Raman spectroscopic investigation. O'Leary TJ, et al. **Biochemistry** 1984 Sep 25;23(20):4636–41

Geometric requirements for membrane perturbation and anesthetic activity. Conformational analysis of alphaxalone and delta 16-alphaxalone and 2H NMR studies on their interactions with model membranes. Fesik SW, et al. **Mol Pharmacol** 1985 Jun;27(6):624–9

[Total intravenous anesthesia with etomidate and alphadolone acetate infusion] Ravlo O, et al. **Ugeskr Laeger** 1984 Dec 3;146(49):3830–3 (Eng. Abstr.) **(Dan)**

[Comparative studies of short-term anesthesia with alfentanil/etomidate and alphaxalone/alphadolone in cats] Ittner J, et al. **Tierarztl Prax** 1985;Suppl 1:132–8 (Eng. Abstr.) **(Ger)**

ADVERSE EFFECTS

Allergic reactions to intravenous anaesthetic induction agents and muscle relaxants. Case reports and a clinical review. Shipton EA, et al. **S Afr Med J** 1985 Jun 22;67(25):1023–5

METABOLISM

Intra-patient comparison of the kinetics of alphaxalone and alphadolone in man. Sear JW, et al. **Eur J Anaesthesiol** 1984 Jun;1(2):113–22

Photoaffinity labeling of steroid 5 alpha-reductase of rat liver and prostate microsomes. Liang T, et al. **J Biol Chem** 1985 Apr 25;260(8):4890–5

Spectral studies on the effect of a new steroidal anesthetic agent alphadione on rat hepatic microsomes. Shigematsu A, et al. **Sangyo Ika Daigaku Zasshi** 1983 Sep 1;5(3):343–9

PHARMACODYNAMICS

Selective release of follicle-stimulating hormone and luteinizing hormone by 5 alpha-dihydroprogesterone and 3 alpha, 5 alpha-tetrahydroprogesterone in pregnant mare's serum gonadotropin-primed immature rats exposed to constant light. Murphy LL, et al. **Biol Reprod** 1985 May; 32(4):795–803

The mechanism of steroid anaesthetic (alphaxalone) block of acetylcholine-induced ionic currents. Gillo B, et al. **Br J Pharmacol** 1984 Aug;82(4):783–9

Modulation of the GABA receptor complex by a steroid anaesthetic. Harrison NL, et al. **Brain Res** 1984 Dec 10; 323(2):287–92

Relationship of endocrine function to inhibition of kindling. Holmes GL, et al. **Brain Res** 1984 Sep;318(1):55–9

PREGNANES

The X-ray investigation of 16 alpha,17 alpha-thiazolidine derivatives of delta 4- and delta 5-pregnanes and conformational analysis of their oxathiolane analog. Lindeman SV, et al. **Steroids** 1984 Feb;43(2):125–45

ANALYSIS

Structures and concentrations of fifteen different steroid sulfates in human breast cyst fluids. Vanluchene E, et al. **J Steroid Biochem** 1984 Oct;21(4):367–71

CHEMICAL SYNTHESIS

Synthesis of cortol 3-glucuronides and cortolone 3-glucuronides. Hosoda H, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):4023–8

Aldosterone antagonists. 1. Synthesis and biological activities of 11 beta,18-epoxypregnane derivatives. Kamata S, et al. **J Med Chem** 1985 Apr;28(4):428–33

Preparation of 20-(hydroxymethyl)-4-methyl-4-aza-2-oxa-5 alpha-pregnan-3-one as an inhibitor of testosterone 5 alpha-reductase. Weintraub PM, et al. **J Med Chem** 1985 Jun;28(6):831–3

ISOLATION & PURIFICATION

Defensive steroids from a carrion beetle (Silpha americana). Meinwald J, et al. **Experientia** 1985 Apr 15;41(4):516–9

METABOLISM

Gas chromatographic-mass spectrometric study of metabolites of C21 and C19 steroids in neonatal porcine testicular microsomes. Kwan TK, et al. **Biochem J** 1985 May 1;227(3):909–16

Inhibition of 5 beta-dihydrocortisone reduction in rat liver cytosol: a rapid spectrophotometric screen for nonsteroidal anti-inflammatory drug potency. Penning TM. **J Pharm Sci** 1985 Jun;74(6):651–4

Deficiency of 5 alpha-steroid formation in guinea pig ovaries compared with immature rat and hamster ovaries. Nagareda T, et al. **J Steroid Biochem** 1984 Oct;21(4):477–8

[Protein binding of steroids] Gandar R. **Rev Fr Gynecol Obstet** 1984 Feb;79(2):79–84, 87–9 (76 ref.) (Eng. Abstr.) **(Fre)**

PHARMACODYNAMICS

Selective release of follicle-stimulating hormone and luteinizing hormone by 5 alpha-dihydroprogesterone and 3 alpha, 5 alpha-tetrahydroprogesterone in pregnant mare's serum gonadotropin-primed immature rats exposed to constant light. Murphy LL, et al. **Biol Reprod** 1985 May; 32(4):795–803

Selective inhibition of prostatic tumor 5 alpha-reductase by a 4-methyl-4-azasteroid. Kadohama N, et al. **Cancer Res** 1984 Nov;44(11):4947–54

A new inotropic aminosteroid: LND 623. Jarreau FX, et al. **Eur Heart J** 1984 Dec;5 Suppl F:309–14

Retardation of prostate tumor progression in the Noble rat by 4-methyl-4-aza-steroidal inhibitors of 5 alpha-reductase. Kadohama N, et al. **JNCI** 1985 Feb; 74(2):475–86

SECRETION

In vivo secretion of 3 alpha-hydroxy-5 alpha-pregnan-20-one, a potent anaesthetic steroid, by the adrenal gland of the rat. Holzbauer M, et al. **J Steroid Biochem** 1985 Jan;22(1):97–102

PREGNANETRIOL

ANALOGS & DERIVATIVES

The radioimmunoassay of pregnanetriol 3 alpha-glucuronide. Samarajeewa P, et al. **J Steroid Biochem** 1985 Jun; 22(6):843–9

[Reevaluation of recalled infants by neonatal mass screening for congenital adrenal hyperplasia due to 21-hydroxylase deficiency. Diagnostic value of pregnanetriolone in a single urine specimen using glass capillary gas chromatography] Hikita Y. **Nippon Naibunpi Gakkai Zasshi** 1985 Mar 20; 61(3):197–219 (Eng. Abstr.) **(Jpn)**

PREGNANOLONE see under **PREGNANES**

PREGNANT MARE'S SERUM see **GONADOTROPINS, EQUINE**

PREGNATRIENES

ADVERSE EFFECTS

[Shock after periarticular injection of cortivazol (letter)] Volle L, et al. **Presse Med** 1985 Jun 29;14(26):1432 **(Fre)**

METABOLISM

[3H]cortivazol: a unique high affinity ligand for the glucocorticoid receptor. Schlechte JA, et al. **Endocrinology** 1985 Oct;117(4):1355–62

PREGNENEDIONES

ADMINISTRATION & DOSAGE

Effect of budesonide inhalation on airway obstruction at bronchial allergen provocation after varying lengths of pre-treatment [letter] Tivenius L, et al. **Allergy** 1984 Nov; 39(8):639–40

Effect of an intranasally administered corticosteroid (budesonide) on nasal obstruction, mouth breathing, and asthma. Henriksen JM, et al. **Am Rev Respir Dis** 1984 Dec; 130(6):1014–8

Once daily inhalation of budesonide in the treatment of chronic asthma: a clinical comparison. Stiksa G, et al. **Ann Allergy** 1985 Jul;55(1):49–51

Effect of inhalation of corticosteroids on exercise induced asthma: randomised double blind crossover study of budesonide in asthmatic children. Henriksen JM. **Br Med J [Clin Res]** 1985 Jul 27;291(6490):248–9

High-dose inhaled budesonide in treatment of severe steroid-dependent asthmatics. Laursen LC, et al. **Clin Physiol** 1985;5 Suppl 3:85–7

Comparison of a new corticosteroid aerosol, budesonide, with beclomethasone dipropionate in the treatment of chronic asthma. Keelan P, et al. **Ir Med J** 1984 Aug;77(8):244–7

Intravaginal controlled administration of flurogestone acetate I: Development of a stability-indicating liquid chromatographic method and stability kinetics of flurogestone acetate. Kabadi MB, et al. **J Pharm Sci** 1984 Oct;73(10):1461–4

Budesonide inhalation to treat idiopathic pulmonary haemosiderosis [letter] Elinder G. **Lancet** 1985 Apr 27; 1(8435):981–2

Adrenal function in asthmatics treated with high-dose budesonide. Stiksa G, et al. **Respiration** 1985;48(1):91–3

[An inhalation glucocorticoid--budesonide] Vondra V. **Cas Lek Cesk** 1985 Mar 1;124(9):281 **(Cze)**

ADVERSE EFFECTS

Bone loss after glucocorticoid therapy. Lo Cascio V, et al. **Calcif Tissue Int** 1984 Jul;36(4):435–8

[Plasma cortisol level, hematocrit and hemoglobin value as well as erythrocyte count and differential blood picture in twice-daily budesonide inhalation therapy] Zimmermann I, et al. **Prax Klin Pneumol** 1984 Nov;38(11):506–9 (Eng. Abstr.) **(Ger)**

ANALYSIS

High-performance and ion-exchange chromatography and chromatofocusing of the human uterine progesterone receptor: its application to the identification of 21-[3H]dehydro Org 2058-labelled receptor. Heubner A, et al. **J Chromatogr** 1984 Aug 3;297:301–11

METABOLISM

Localization of the synthetic progestin 3H-ORG 2058 in neurons of the primate brain: evidence for the site of action of progestins on behavior. Rees HD, et al. **J Comp Neurol** 1985 May 15;235(3):336–42

Biotransformation of the topical glucocorticoids budesonide and beclomethasone 17 alpha,21-dipropionate in human liver and lung homogenate. Andersson P, et al. **J Pharm Pharmacol** 1984 Nov;36(11):763–5

Intravaginal controlled administration of flurogestone acetate II: Development of an in vitro system for studying the intravaginal release and permeation of flurogestone acetate. Kabadi MB, et al. **J Pharm Sci** 1984 Oct;73(10):1464–8

PHARMACODYNAMICS

Budesonide. A preliminary review of its pharmacodynamic properties and therapeutic efficacy in asthma and rhinitis. Clissold SP, et al. **Drugs** 1984 Dec;28(6):485–518 (118 ref.)

Lifespan of corpora lutea induced in estrous-synchronized cycling and anestrous ewes. Killian DB, et al. **J Anim Sci** 1985 Jul;61(1):210–5

Plasma progesterone and gonadotrophin concentrations following norgestomet treatment with and without cloprostenol in beef cows. Peters AR. **Vet Rec** 1984 Aug 25;115(8):164–6

THERAPEUTIC USE

Drugs recently released in Belgium. Harvengt C. **Acta Clin Belg** 1984;39(6):396–8

High dose inhaled budesonide in the treatment of severe steroid-dependent asthmatics. A two-year study. Adelroth E, et al. **Allergy** 1985 Jan;40(1):58–64

Treatment of seasonal allergic rhinitis with budesonide and disodium cromoglycate. A double-blind clinical comparison between budesonide and disodium cromoglycate. Bjerrum P, et al. **Allergy** 1985 Jan;40(1):65–9

Comparison of budesonide and beclomethasone dipropionate in patients with severe chronic asthma: assessment of relative prednisolone-sparing effects. Rafferty P, et al. **Br J Dis Chest** 1985 Jul;79(3):244–50

A single blind clinical comparison between 2 preparations of budesonide in the treatment of seasonal allergic rhinitis. Irander K, et al. **Clin Otolaryngol** 1984 Aug;9(4):235–41

A comparative study of amcinonide and halcinonide in the treatment of eczematous dermatitis. Bickers DR. **Cutis** 1984 Aug;34(2):190–4

[Long-term treatment of bronchial asthma with an inhalation steroid, Pulmicort] Stauder J. **Prax Klin Pneumol** 1984 Oct; 38(10):460–4 (Eng. Abstr.) **(Ger)**

PREGNENES

METABOLISM

Variations in the levels of asterone and asterogenol, two steroids from the saponins of the starfish, Asterias vulgaris

(Verrill). Burnell DJ, et al. **Steroids** 1984 Jul;44(1):67-76

PREGNENOLONE

ANALOGS & DERIVATIVES

Potential tumor or organ-imaging agents, 24. Radioiodinated pregnenolone esters. Van Dort M, et al. **Steroids** 1984 Jul; 44(1):85-93

ANALYSIS

Components of Cnidium officinale Makino: occurrence of pregnenolone, coniferyl ferulate, and hydroxyphthalides. Kobayashi M, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep; 32(9):3770-3

The use of steroid profiling in the resolution of pregnenolone metabolites from porcine testicular preparations. Kwan TK, et al. **J Chromatogr** 1984 Sep 28;301(1):189-97

BIOSYNTHESIS

Phospholipids, sterol carrier protein2 and adrenal steroidogenesis. Vahouny GV, et al. **Biochim Biophys Acta** 1985 May 17;834(3):324-30

Influence of high-density lipoprotein on estradiol stimulation of luteal steroidogenesis. Khan I, et al. **Biol Reprod** 1985 Feb;32(1):96-104

Inhibition of Leydig tumor cell steroidogenesis by 10-propargylestr-4-ene-3,17-dione, an irreversible aromatase inhibitor. Zimniski SJ, et al. **Cancer Res** 1985 Oct;45(10):4883-9

Protein kinase stimulation of steroidogenesis in rat luteal cell mitochondria. Inaba T, et al. **Endocrinology** 1985 Jul; 117(1):315-22

The effects of taxol, a microtubule-stabilizing drug, on steroidogenic cells. Rainey WE, et al. **J Cell Physiol** 1985 Apr;123(1):17-24

An early steroidogenic defect in hormone-induced Leydig cell desensitization. Hattori MA, et al. **J Steroid Biochem** 1984 Sep;21(3):265-77

The enhancement of pregnenolone production as the main mechanism of the prolonged stimulatory effect of ACTH on cortisol production by guinea-pig adrenocortical cells. Lambert F, et al. **J Steroid Biochem** 1984 Sep;21(3):299-303

Role of the pituitary and conceptuses in the regulation of the luteal steroidogenesis in the mid-pregnant rat. Yamashita H. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct;36(10):1952-6

Cholesterol side-chain cleavage activity in human placenta and bovine adrenals: an one-step method for separation of pregnenolone formed in vitro. Pasanen M, et al. **Steroids** 1984 May;43(5):517-27

BLOOD

ACTH-mediated effect of metoclopramide on plasma pregnenolone in man. Nishida S, et al. **Endocrinol Jpn** 1984 Jun;31(3):271-6

[Fetal hormonology by direct sampling of fetal blood during the 2d trimester of pregnancy. Study of fetal and maternal 5-ene steroid sulfates] Daffos F, et al. **Pathol Biol (Paris)** 1984 Oct;32(8):891-4 **(Fre)**

[Analytical method of delta 5-3 beta OH steroid sulfates using high performance liquid chromatography and immobilized 3beta-hydroxysteroid dehydrogenase in column form] Wu MC, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Mar; 37(3):431-2 **(Jpn)**

METABOLISM

In vitro conversion of 3H-pregnenolone by human testicular tissue from fetal age to senescence. Hammar M, et al. **Arch Androl** 1984;13(2-3):203-12

Steroid biosynthesis in turtle testes. Bourne AR, et al. **Comp Biochem Physiol [B]** 1985;81(3):793-6

Effects of luteinizing hormone withdrawal on Leydig cell smooth endoplasmic reticulum and steroidogenic reactions which convert pregnenolone to testosterone. Wing TY, et al. **Endocrinology** 1984 Dec;115(6):2290-6

Significance of the delta 5 and delta 4 steroidogenic pathways in the hamster preovulatory follicle. Makris A, et al. **Steroids** 1983 Dec;42(6):641-51

PHARMACODYNAMICS

Androgens in male rat reproductive tract fluids: hypophysectomy and steroid replacement. Turner TT, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E274-80

A quantitative analysis of germinal epithelium in response to pregnenolone and prolactin in hypoprolactinemic male rats. Sanyal S, et al. **Indian J Exp Biol** 1984 Mar;22(3):164-6

The functional activity of adult mouse Leydig cells in monolayer culture: effect of lipoproteins, pregnenolone and cholera-toxin. Hunter MG, et al. **Mol Cell Endocrinol** 1985 Mar;39(3):217-28

PREGNENOLONE CARBONITRILE

PHARMACODYNAMICS

Some erythromycin derivatives are strong inducers in rats of a cytochrome P-450 very similar to that induced by 16 alpha-pregnenolone carbonitrile. Sartori E, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1434-9

Age- and sex-dependent induction of liver microsomal benzo[a]pyrene hydroxylase activity in rats treated with pregnenolone-16 alpha-carbonitrile (PCN). Gorski JR, et al. **Carcinogenesis** 1985 Apr;6(4):617-24

Complete cDNA and protein sequence of a pregnenolone 16 alpha-carbonitrile-induced cytochrome P-450. A representative of a new gene family. Gonzalez FJ, et al. **J Biol Chem** 1985 Jun 25;260(12):7435-41

Participation of a rat liver cytochrome P-450 induced by pregnenolone 16 alpha-carbonitrile and other compounds in the 4-hydroxylation of mephenytoin. Shimada T, et al. **Mol Pharmacol** 1985 Aug;28(2):215-9

Effect of pregnenolone-16 alpha-carbonitrile and other microsomal enzyme inducers on drug metabolism and some parameters of adjuvant induced disease in rats. Kourounakis P, et al. **Pharm Acta Helv** 1984;59(12):348-52

PREIMPLANTATION PHASE

Alterations within oocytes which predicate abnormal preimplantation development. Peluso JJ. **Acta Eur Fertil** 1984 Sep-Oct;15(5):387-91

Uterine deoxyribonucleic acid synthesis during preimplantation in precursors of stromal cell differentiation during decidualization. Moulton BC, et al. **Endocrinology** 1984 Oct;115(4):1302-7

Cell lineage evaluation in preimplantation mouse embryos by intracellular injection of IgG. Fein A. **Gynecol Obstet Invest** 1985;19(2):107-12

Subcutaneous and intrabursal administration of an LRH agonist to the pregnant hemicastrated rat during preimplantation. Jones RC. **Int J Fertil** 1984;29(2):122-8

Effects of glucose and serum from streptozotocin-diabetic and nondiabetic rats on the in vitro development of preimplantation mouse embryos. Zusman I, et al. **Isr J Med Sci** 1985 Apr;21(4):359-65

Cell interactions in preimplantation embryos: evidence for involvement of saccharides of the poly-N-acetyllactosamine series. Rastan S, et al. **J Embryol Exp Morphol** 1985 Jun;87:115-28

The effect of protein on preimplantation mouse embryo development in vitro. Caro CM, et al. **J In Vitro Fert Embryo Transfer** 1984 Sep;1(3):183-7

Effects of proteinase inhibitors on preimplantation embryos in the rat. Ichikawa S, et al. **J Reprod Fertil** 1985 Mar; 73(2):385-90

Thrombocytopenia is an initial maternal response to fertilization in mice. O'Neill C. **J Reprod Fertil** 1985 Mar; 73(2):559-66

Examination of the causes of early pregnancy-associated thrombocytopenia in mice. O'Neill C. **J Reprod Fertil** 1985 Mar;73(2):567-77

Prenatal diagnosis before implantation: opportunities and problems. McLaren A. **Prenat Diagn** 1985 Jan-Feb; 5(1):85-90 (37 ref.)

Cyclooxygenase and lipoxygenase pathways in the preimplantation rabbit uterus and blastocyst. Pakrasi PL, et al. **Prostaglandins** 1985 Mar;29(3):481-95

Effect of indomethacin and prostaglandin F2 alpha on incorporation of [3H]uridine by preimplantation mouse embryo. Uehara S, et al. **Tohoku J Exp Med** 1984 Jul; 143(3):319-26

[Biochemical analysis of metabolic processes of the oocyte and preimplantation embryos during fertilization and implantation] Tsutsumi O, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Sep; 36(9):1377-86 **(Jpn)**

DRUG EFFECTS

Effects of methylmercuric chloride administered to pregnant rats during the preimplantation period. Giavini E, et al. **Ecotoxicol Environ Safety** 1985 Apr;9(2):189-95

The effect of ethanol upon early development in mice and rats. VI. In vivo effect of acetaldehyde upon preimplantation stages in rats. Checiu M, et al. **Morphol Embryol (Bucur)** 1984 Jul-Sep;30(3):175-84

Developmental toxicity during the preimplantation period: embryotoxicity and clastogenic effects of chlorambucil in the rat. Giavini E, et al. **Teratogenesis Carcinog Mutagen** 1984;4(4):341-8

PREJUDICE

Employment discrimination implications of genetic screening in the workplace under Title VII and the Rehabilitation Act. Canter EF. **Am J Law Med** 1984 Fall;10(3):323-47

Psychosocial correlates of depression in mentally retarded adults: I. Minimal social support and stigmatization. Reiss S, et al. **Am J Ment Defic** 1985 Jan;89(4):331-7

A window on the past: the position of the client in twentieth century public health thought and practice. Muller C. **Am J Public Health** 1985 May;75(5):470-6

Clinical judgements of self-dramatisation. A test of the sexist hypothesis. Slavney PR, et al. **Br J Psychiatry** 1985 Jun; 146:614-7

Discrimination in employment. Ellis N. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):886-7

Feminist issues in teenage parenting. Chilman CS. **Child Welfare** 1985 May-Jun;64(3):225-34

Was Margaret Sanger a racist? Valenza C. **Fam Plann Perspect** 1985 Jan-Feb;17(1):44-6

Mental health and apartheid. World Psychiatric Association conference report. Burke AW. **Int J Soc Psychiatry** 1985 Summer;31(2):144-8

A psychohistorical source of psychoanalysis--malformed Jewish psyches in an immolating setting. Rosenman S. **Isr J Psychiatry Relat Sci** 1984;21(2):103-16

Decreasing prejudice by increasing discrimination. Langer EJ, et al. **J Pers Soc Psychol** 1985 Jul;49(1):113-20

White/might has rights: apartheid and health. Kothari ML, et al. **J Postgrad Med** 1984 Apr;30(2):65-8

Prejudice and neurotic symptomatology among white South Africans. Duckitt JH. **J Psychol** 1985 Jan;119(1):15-20

Apartheid and psychiatry [editorial] **Lancet** 1984 Dec 1; 2(8414):1252-3

Psychiatry and apartheid [letter] **Lancet** 1985 Feb 2; 1(8423):282-3

Disease in South Africa [letter] Susser M. **Lancet** 1985 Feb 2;1(8423):283

White doctors and black patients: influence of race on the doctor-patient relationship. Levy DR. **Pediatrics** 1985 Apr; 75(4):639-43

Scientific prejudice, reproductive isolation, and apartheid. Masters J, et al. **Perspect Biol Med** 1984 Autumn; 28(1):107-16

Epilepsy and its prejudice. Teachers' knowledge and opinions: are they a response to psychopathological phenomena? Gallhofer B. **Psychopathology** 1984; 17(4):187-212

Discrimination against women in the South African medical profession. Unterhalter B. **Soc Sci Med** 1985;20(12):1253-8

[Psychological aspects of anti-Semitism in fascist writers] Szafran AW. **Acta Psychiatr Belg** 1984 May-Jun; 84(3):273-83 (Eng. Abstr.) **(Fre)**

[Van Gogh, the stigmatized man of the society] Bénézech M, et al. **Ann Med Psychol (Paris)** 1984 Nov;142(9):1161-71 (Eng. Abstr.) **(Fre)**

PREKALLIKREIN see under **KALLIKREIN**

PRELEUKEMIA

BLOOD

A simple mathematical method revealing the early stage of acute leukemia in patients with cytopenias. Jaworkowsky LI, et al. **Folia Haematol (Leipz)** 1984;111(5):701-6

Primary thrombocythemia and acute leukemia [letter] Boros L, et al. **JAMA** 1985 Mar 22-29;253(12):1721-2

[Essential thrombocythemia followed by chronic myelocytic leukemia (letter)] Sainty D, et al. **Presse Med** 1984 Sep 29;13(33):2022 **(Fre)**

[The preleukemia syndrome--morphologic and biologic features] Nagler A, et al. **Harefuah** 1984 Oct;107(7-8):194-6 **(Heb)**

CHEMICALLY INDUCED

Risk of acute nonlymphocytic leukemia and preleukemia in patients treated with cyclophosphamide for non-Hodgkin's lymphomas. Comparison with results obtained in patients treated for Hodgkin's disease and ovarian carcinoma with other alkylating agents. Pedersen-Bjergaard J, et al. **Ann Intern Med** 1985 Aug;103(2):195-200

[Benzene and leukemias and malignant lymphomas] Lisiewicz J, et al. **Pol Tyg Lek** 1985 May 20;40(20):584-8 (40 ref.) **(Pol)**

CLASSIFICATION

Modifications in the classification of primary myelodysplastic syndromes: the addition of a scoring system. Varela BL, et al. **Hematol Oncol** 1985 Jan-Mar;3(1):55-63

[Prognostic factors in myelodysplastic syndromes: analysis of 72 cases] Krieger O, et al. **Wien Klin Wochenschr** 1985 Feb 1;97(3):131-6 (Eng. Abstr.) **(Ger)**

COMPLICATIONS

Bacterial pyomyositis in a patient with preleukemia [letter] Peller JS, et al. **J Rheumatol** 1985 Feb;12(1):185-6

Nontraumatic metastatic clostridial myonecrosis in a patient with preleukemia. Vaska K, et al. **SD J Med** 1985 Jun; 38(6):25-8

[Refractory sideroblastic anemia with an excess of blasts and miliary tuberculosis] Moré Monreal J, et al. **Med Clin (Barc)** 1984 Jun 2;83(1):24-6 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Acute febrile neutrophilic dermatosis and abnormal bone marrow chromosomes as a marker for preleukemia. Tikjøb G, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):177-9

Myelodysplastic syndromes: a scoring system with prognostic significance. Mufti GJ, et al. **Br J Haematol** 1985 Mar; 59(3):425-33

Pre leukemic syndrome. Singh T, et al. **Indian J Pathol Microbiol** 1984 Jan;27(1):47-51

[Myelodysplastic syndrome classified based on FAB proposals: analysis of 58 cases] Li TY, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Apr;24(4):217-20, 255 (Eng. Abstr.) **(Chi)**

[Preleukemic (or myelodysplastic) syndromes] Efira A. **Rev Med Brux** 1984 Sep;5(7):439-46 (Eng. Abstr.) **(Fre)**

[Preleukemia and myelodysplastic syndromes (discussion questions)] Faĭnshtein FE, et al. **Gematol Transfuziol** 1984

Oct;29(10):3–7 (Eng. Abstr.) **(Rus)**

['Preleukemia': clinico-laboratory characteristics of 28 patients] Iavorkovskiĭ LI, et al. **Gematol Transfuziol** 1985 Jun;30(6):17–22 (Eng. Abstr.) **(Rus)**

[The nature of low-grade leukemia] Kovaleva LG. **Gematol Transfuziol** 1984 Oct;29(10):29–33 (Eng. Abstr.) **(Rus)**

[Preleukemia] Osechenskaia GV, et al. **Gematol Transfuziol** 1985 Jun;30(6):9–17 (Eng. Abstr.) **(Rus)**

[Method of detecting the early stage of acute leukemia in patients with cytopenias] Soloveĭ DIa, et al. **Gematol Transfuziol** 1985 Feb;30(2):54–7 **(Rus)**

[Clinico-hematological characteristics of preleukemia] Dvoretskiĭ LI, et al. **Ter Arkh** 1984;56(7):106–8 **(Rus)**

DRUG THERAPY

Clinical pharmacology of low-dose cytosine arabinoside. Spriggs D, et al. **Blood** 1985 May;65(5):1087–9

Low-dose cytosine arabinoside (Ara-C) therapy in the myelodysplastic syndromes and acute leukemia. Winter JN, et al. **Cancer** 1985 Aug 1;56(3):443–9

Treatment of preleukemic syndromes with continuous intravenous infusion of low-dose cytosine arabinoside. Griffin JD, et al. **J Clin Oncol** 1985 Jul;3(7):982–91

Synergistic interaction between differentiation inducers and DNA synthesis inhibitors: a new approach to differentiation induction in myelodysplasia and acute myeloid leukaemia. Francis GE, et al. **Leuk Res** 1985;9(5):573–81

[Small-dose cytarabine (Ara-C) in the treatment of myelodysplastic syndrome] Dan K, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1600–5 (Eng. Abstr.) **(Jpn)**

ENZYMOLOGY

Platelet DNA polymerase levels in CML: implications for oncogenesis. Brodsky I, et al. **Leuk Res** 1984;8(5):761–8

ETIOLOGY

Sideroblastic anaemia progressing to preleukaemia. Gupta A, et al. **J Assoc Physicians India** 1984 Nov;32(11):998–1000

A monocytic leukemoid reaction: a manifestation of preleukemia. Friedland ML, et al. **RI Med J** 1985 Apr;68(4):173–4

[Heterogeneity of idiopathic acquired sideroblastic anemia] Tsvetaeva NV, et al. **Gematol Transfuziol** 1984 Dec;29(12):15–21 (Eng. Abstr.) **(Rus)**

[What is preleukemia?] Vladimirskaia EB. **Gematol Transfuziol** 1984 Dec;29(12):43–7 (78 ref.) **(Rus)**

FAMILIAL & GENETIC

Sequential development of distinct clonal chromosome abnormalities in a patient with preleukaemia. Miller BA, et al. **Br J Haematol** 1985 Mar;59(3):411–8

Karyotypic evolution in patients with myelodysplastic syndromes. Benítez J, et al. **Cancer Genet Cytogenet** 1985 Mar 15;16(2):157–67

A 2p;11q chromosome translocation in dysmyelopoietic preleukemia. Feder M, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1–2):143–50

Trisomy 11 in preleukemia. Gangji D, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1–2):119–23

Heterochromatic variants and their association with neoplasias. II. Preleukemic states. Labal de Vinuesa M, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1–2):31–5

Increased sister chromatid exchange frequency in bone marrow cells of myelodysplastic syndromes. Murthy PB, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1–2):151–8

Preleukemia and leukemia with 12p- and 19q+ chromosome alterations following Alkeran therapy. Wilmoth D, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1–2):95–8

Chromosome instability is associated with hypodiploid clones in myelodysplastic syndromes. Knuutila S, et al. **Hereditas** 1984;101(1):19–30

Cytogenetic studies in 174 consecutive patients with preleukemic or myelodysplastic syndromes. Knapp RH, et al. **Mayo Clin Proc** 1985 Aug;60(8):507–16

Chromosome abnormalities in preleukemic or myelodysplastic syndromes. Michels VV, et al. **Mayo Clin Proc** 1985 Aug;60(8):555–6

[5q- anomaly found in preleukemia and leukemia with special reference to its involved segment] Taniwaki M, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Nov;47(7):1401–6 (Eng. Abstr.) **(Jpn)**

[Disorders of karyotype of hematopoietic cells in preleukemic states] Zedginidze AG. **Gematol Transfuziol** 1985 Jun;30(6):22–6 (Eng. Abstr.) **(Rus)**

[Cytogenetics of preleukemic states] Benítez Ortiz J. **Rev Esp Oncol** 1982;29(3):445–56 (Eng. Abstr.) **(Spa)**

[Monosomy 7 in hematologic processes. Clinical and prognostic implications] Bello López JL, et al. **Sangre (Barc)** 1984;29(3):299–301 **(Spa)**

IMMUNOLOGY

Function of peripheral blood and bone-marrow monocytes in preleukemic patients: normal phagocytosis and intracellular killing of Candida albicans. Kletter Y, et al. **Acta Haematol (Basel)** 1984;72(6):379–83

Cellular and humoral cytotoxicity in patients with leukaemia and preleukaemia. II. Oncovirus specificity of the reaction. Szabó B, et al. **Acta Microbiol Hung** 1984;31(4):365–72

Influence of genotype and the organ of origin on the subtype of T-cell in Moloney lymphomas induced by transfer of preleukemic cells from athymic and thymus-bearing mice. Asjö B, et al. **Cancer Res** 1985 Mar;45(3):1040–5

Characterization of thymic lymphoid-stromal cell complex-forming cells in preleukemic AKR mice. Hiai H, et al. **Gann** 1984 Oct;75(10):905–11

Anergy for delayed-type hypersensitivity in preleukemic AKR mice. Burdick JF, et al. **JNCI** 1985 May;74(5):1089–93

Detection of circulating immune complexes by a Clq/protein A-ELISA during the preneoplastic stages of feline leukemia virus infection. Tuomari DL, et al. **Vet Immunol Immunopathol** 1984 Oct;7(3–4):227–38

[Immunological and hematological changes in the preleukemic stage of leukemia in Donryu rats induced by N-ethylnitrosourea] Soh S, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 May;48(3):724–33 (Eng. Abstr.) **(Jpn)**

[Immunologic disorders in preleukemic states] Sabashvili MK, et al. **Gematol Transfuziol** 1984 Oct;29(10):21–3 (Eng. Abstr.) **(Rus)**

OCCURRENCE

Myeloproliferative disorders in patients with rheumatoid arthritis treated with total body irradiation. Urowitz MB, et al. **Am J Med** 1985 Jan 21;78(1A):60–4

PATHOLOGY

Acute lymphoblastic leukemia following myelodysplastic syndrome. Inoshita T. **Am J Clin Pathol** 1985 Aug;84(2):233–7

Preleukemic myelodysplastic syndromes (MDS): pathogenetical considerations based on retrospective clinicomorphological sequential studies. Fohlmeister I, et al. **Anticancer Res** 1985 Mar–Apr;5(2):179–88

Granulocytic sarcoma. A new finding in the setting of preleukemia. Sadick N, et al. **Arch Dermatol** 1984 Oct;120(10):1341–3

Preleukemia and urticaria pigmentosa followed by acute myelomonoblastic leukemia. Vilter RW, et al. **Arch Intern Med** 1985 Feb;145(2):349–52

Preleukemic state of adult T cell leukemia: abnormal T lymphocytosis induced by human adult T cell leukemia-lymphoma virus. Kinoshita K, et al. **Blood** 1985 Jul;66(1):120–7

Myelodysplastic syndromes. A clinical and pathologic analysis of 109 cases. Foucar K, et al. **Cancer** 1985 Aug 1;56(3):553–61

Alterations in CFU-GM growth in preleukaemic and leukaemic AKR/J mice. Alonso MC, et al. **Folia Biol (Praha)** 1985;31(3):193–9

Circulating granulocytic progenitor cell (CFU-GM) cultures in a long surviving case of smouldering leukemia. Bobbio Pallavicini E, et al. **Haematologica (Pavia)** 1984 Nov–Dec;69(6):687–94

Behavior of human leukemic progenitor populations in long-term marrow culture. Eaves C, et al. **Hamatol Bluttransfus** 1985;29:163–7

Preleukemic syndrome in elderly patients--report of 11 cases. van Dijk JM, et al. **Isr J Med Sci** 1985 Mar;21(3):292–5

Bone marrow mast cell reaction in preleukaemic myelodysplasia and in aplastic anaemia. Fohlmeister I, et al. **Virchows Arch [A]** 1985;405(4):503–9

[Transformation of a myelodysplastic to a myeloproliferative syndrome (chronic granulocytic leukemia)] Seewann HL. **Wien Klin Wochenschr** 1985 Mar 29;97(7):320–2 (Eng. Abstr.) **(Ger)**

[Cytomorphologic, cytogenetic and immunologic characteristics of preleukemic states] Abdushelishvili RG, et al. **Gematol Transfuziol** 1984 Oct;29(10):24–9 (Eng. Abstr.) **(Rus)**

[Primary hemopoietic dysplasia as a preliminary stage of acute leukemia] Tokarev IuN, et al. **Gematol Transfuziol** 1984 Oct;29(10):12–6 (Eng. Abstr.) **(Rus)**

[Hematopoietic disorders preceding bone marrow blastosis] Turbina NS, et al. **Gematol Transfuziol** 1984 Oct;29(10):8–12 (Eng. Abstr.) **(Rus)**

[Preleukemia] Janić D, et al. **Bilt Hematol Transfuz** 1983;11(2–3):97–103 (Eng. Abstr.) **(Scr)**

ULTRASTRUCTURE

Ultrastructural observations of bone marrow cells in preleukemic patients. Djaldetti M, et al. **Haematologica (Pavia)** 1984 Jul–Aug;69(4):403–9

[Ultrastructure of marrow cells in preleukemia] Qi SL. **Chung Hua I Hsueh Tsa Chih** 1984 Jul;64(7):414–6 (Eng. Abstr.) **(Chi)**

PREMARIN see under **ESTROGENIC SUBSTANCES, CONJUGATED**

PREMARITAL EXAMINATIONS

ECONOMICS

Premarital screening for syphilis [letter] Goldenring J. **West J Med** 1985 Jan;142(1):100–1

A cost-benefit analysis of California's mandatory premarital screening program for syphilis. Haskell RJ. **West J Med** 1984 Oct;141(4):538–41

PREMATURE BEAT see **EXTRASYSTOLE**

PREMEDICATION

see related
PREANESTHETIC MEDICATION

A double-blind group comparative study using the new anti-depressant Org 3770, placebo and diazepam in patients with expected insomnia and anxiety before elective gynaecological surgery. Sørensen M, et al. **Acta Psychiatr Scand** 1985 Apr;71(4):339–46

Experience with triazolam as a preoperative sedative for outpatient surgery under local anesthesia. Riefkohl R, et al. **Aesthetic Plast Surg** 1984;8(3):155–7

Parenteral premedication with lorazepam--a dose/response study. Odugbesan CO, et al. **Afr J Med Med Sci** 1985 Mar–Jun;14(1–2):65–9

New recommendations for antibiotic prophylaxis of bacterial endocarditis [editorial] Allen HD, et al. **Am J Dis Child** 1985 Mar;139(3):225–6

Prevention of bacterial endocarditis. A statement for health professionals by the Committee on Rheumatic Fever and Bacterial Endocarditis of the Council on Cardiovascular Diseases in the Young of the American Heart Association. Shulman ST, et al. **Am J Dis Child** 1985 Mar;139(3):232–5

Golytely lavage--is metoclopramide necessary? Brady CE 3d, et al. **Am J Gastroenterol** 1985 Mar;80(3):180–4

Effect of antibiotic prophylaxis in percutaneous endoscopic gastrostomy. Jonas SK, et al. **Am J Gastroenterol** 1985 Jun;80(6):438–41

Antibiotic prophylaxis in surgery: historical background, rationale, and relationship to prospective payment. Westerman EL. **Am J Infect Control** 1984 Dec;12(6):339–43

Patient cost in the treatment of postsurgical female pelvic infection. Faro S. **Am J Med** 1985 Jun 28;78(6B):165–9

Prophylactic antibiotics in obstetrics and gynecology. Hirsch HA. **Am J Med** 1985 Jun 28;78(6B):170–6 (93 ref.)

Prevention of bone and joint infections. Norden CW. **Am J Med** 1985 Jun 28;78(6B):229–32

Cefmenoxime in surgical infections: treatment and penetration into peritoneal fluid and wound secretions. Wittke RR, et al. **Am J Med** 1984 Dec 21;77(6A):7–10

Antibiotic irrigation prophylaxis in the high-risk cesarean section patient. Bourgeois FJ, et al. **Am J Obstet Gynecol** 1985 Sep 15;153(2):197–201

Prostaglandins mediate postoperative pain in Falope ring sterilization. Brodie BL, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):175–7

Prophylactic antibiotics for curettage abortion. Grimes DA, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):689–94

Preoperative cefoxitin prophylaxis for elective abdominal hysterectomy. Hemsell DL, et al. **Am J Obstet Gynecol** 1985 Sep 15;153(2):225–6

Prophylactic antibiotics unjustified for unselected abortion patients [letter] McGregor JA. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):722–5

Factors affecting the incidence of infectious morbidity after radical hysterectomy. Marsden DE, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):817–21

Use of prophylactic antibiotics in otologic and neuro-otologic surgery. Fitzgerald DC. **Am J Otol** 1985 Mar;6(2):121–5

Ceftriaxone in the prevention of postoperative infection in patients undergoing transurethral resection of the prostate. Finkelstein LH, et al. **Am J Surg** 1984 Oct 19;148(4A):19–21

Prophylaxis with whole gut irrigation and antimicrobials in colorectal surgery. A prospective, randomized double-blind clinical trial. Gottrup F, et al. **Am J Surg** 1985 Mar;149(3):317–22

Antibiotic prophylaxis in high-risk biliary operations: multicenter trial of single preoperative ceftriaxone versus multidose cefazolin. Kellum JM Jr, et al. **Am J Surg** 1984 Oct 19;148(4A):15–8

Comparative studies of antibiotic therapy after penetrating abdominal trauma. Rowlands BJ, et al. **Am J Surg** 1984 Dec;148(6):791–5

Failure of magnesium sulphate to prevent suxamethonium induced muscle pains. Chestnutt WN, et al. **Anaesthesia** 1985 May;40(5):488–90

The effect of magnesium trisilicate mixture, metoclopramide and ranitidine on gastric pH, volume and serum gastrin. O'Sullivan G, et al. **Anaesthesia** 1985 Mar;40(3):246–53

Combined treatment with ranitidine and saline antacids prior to obstetric anaesthesia. Thompson EM, et al. **Anaesthesia** 1984 Nov;39(11):1086–90

Pre-operative intramuscular ranitidine and cimetidine. Double blind comparative trial, effect on gastric pH and volume. Williams JG, et al. **Anaesthesia** 1985 Mar;40(3):242–5

Atracurium in myasthenics undergoing thymectomy. Baraka A, et al. **Anesth Analg** 1984 Dec;63(12):1127–30

Sodium citrate pretreatment in elective cesarean section patients. Dewan DM, et al. **Anesth Analg** 1985 Jan;64(1):34–7

Antibiotic prophylaxis for cardiovascular surgery. Efficacy with coronary artery bypass. Platt R, et al. **Ann Intern Med** 1984 Dec;101(6):770–4

Impact of phenoxymethylpenicillin and clindamycin on microflora in recurrent tonsillitis. Tunér K, et al.

Ann Otol Rhinol Laryngol 1985 May-Jun;94(3):278-80

When do patients given intrathecal morphine need postoperative systemic opiates? Downing R, et al. **Ann R Coll Surg Engl** 1985 Jul;67(4):251-3

Acebutolol and oral surgery: plasma levels following a single oral dose. Fergusson NV, et al. **Ann R Coll Surg Engl** 1985 Mar;67(2):124-6

Povidone-iodine bowel irrigation before resection of colorectal carcinoma. Parker MC, et al. **Ann R Coll Surg Engl** 1985 Jul;67(4):227-8

Preoperative intraincisional cefamandole reduces wound infection and postoperative inpatient stay in upper abdominal surgery. Taylor TV, et al. **Ann R Coll Surg Engl** 1985 Jul;67(4):235-7

Perioperative antibiotic therapy for penetrating injuries of the abdomen. Gentry LO, et al. **Ann Surg** 1984 Nov; 200(5):561-6

Evaluation of antibiotic therapy following penetrating abdominal trauma. Jones RC, et al. **Ann Surg** 1985 May; 201(5):576-85

Intraoperative ceforanide pharmacokinetics and protein binding. DiPiro JT, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):487-90

Comparison of moxalactam and cefazolin as prophylactic antibiotics during cesarean section. Rayburn W, et al. **Antimicrob Agents Chemother** 1985 Mar;27(3):337-9

Effects of general and local anesthesia on the pharmacokinetics of cefazolin in patients undergoing orthopedic surgery. Welch WD, et al. **Antimicrob Agents Chemother** 1985 May;27(5):874-5

Chemical preparation of the eye in ophthalmic surgery. IV. Comparison of povidone-iodine on the conjunctiva with a prophylactic antibiotic. Isenberg SJ, et al. **Arch Ophthalmol** 1985 Sep;103(9):1340-2

Flurbiprofen pretreatment in argon laser trabeculoplasty for primary open-angle glaucoma. Weinreb RN, et al. **Arch Ophthalmol** 1984 Nov;102(11):1629-32

An inaccurate review of antibiotic prophylaxis [letter] Miller WA. **Arch Surg** 1985 Jun;120(6):754-5

Single dose tinidazole prophylaxis in hysterectomy. Crosthwaite AH, et al. **Aust NZ J Obstet Gynaecol** 1985 Feb;25(1):55-8

Prophylactic antibiotics in appendicectomy: a prospective double blind randomized study. O'Rourke MG, et al. **Aust NZ J Surg** 1984 Dec;54(6):535-41

The endotoxin-pretreated, oxygen-adapted rat model in hyperbaric hyperoxia. Jackson RM, et al. **Aviat Space Environ Med** 1984 Aug;55(8):709-14

Effect of prostaglandin on early surgical mortality in obstructive lesions of the systemic circulation. Leoni F, et al. **Br Heart J** 1984 Dec;52(6):654-9

Tinidazole milk excretion and pharmacokinetics in lactating women. Evaldson GR, et al. **Br J Clin Pharmacol** 1985 Apr;19(4):503-7

A comparison of cephazolin plus metronidazole versus ticarcillin in the prevention of post-operative sepsis following abdominal surgery. Smith S, et al. **Br J Clin Pract** 1985 Jan;39(1):12-3

A comparison of pretreatment regimens for minimizing the haemodynamic response to blind nasotracheal intubation. Hartigan ML, et al. **Can Anaesth Soc J** 1984 Sep; 31(5):497-502

Neoadjuvant (preoperative) chemotherapy for breast cancer. Ragaz J, et al. **Cancer** 1985 Aug 15;56(4):719-24

Anaphylactoid reaction to angiographic contrast media: recurrence despite pretreatment with corticosteroids. Mohan JC, et al. **Cathet Cardiovasc Diagn** 1984;10(5):465-9

Comparative pharmacokinetic evaluation of ceftriaxone and cefotaxime in coincidence for short-term antimicrobial prophylaxis in surgery. Periti P, et al. **Chemioterapia** 1984 Oct;3(5):305-9

Single-dose ceftriaxone versus multi-dose cefotaxime antimicrobial prophylaxis in gynecologic and obstetrical surgery. Preliminary results of a multicenter prospective randomized study. Periti P, et al. **Chemioterapia** 1984 Oct; 3(5):299-304

Single-dose ceftriaxone versus multi-dose cefotaxime as short-term antimicrobial prophylaxis in urologic surgery. Preliminary results of a multicenter prospective randomized study. Periti P, et al. **Chemioterapia** 1984 Oct; 3(5):295-8

Practical hepatobiliary imaging using pretreatment with sincalide in 139 hepatobiliary studies. Patterson FK, et al. **Clin Nucl Med** 1985 May;10(5):333-5

The principles of the use of preventive antibiotics. Mader JT, et al. **Clin Orthop** 1984 Nov;(190):75-82

Prophylactic indomethacin for the prevention of heterotopic bone formation following total hip arthroplasty. Ritter MA, et al. **Clin Orthop** 1985 Jun;(196):217-25

The use of preventive antibiotics in orthopaedic surgery. Williams DN, et al. **Clin Orthop** 1984 Nov;(190):83-8 (35 ref.)

Perioperative prophylaxis with cephalosporins. Madan M, et al. **Clin Pharmacol Ther** 1984 Dec;36(6):712-5

Infections in minimal incision surgery. Cangialosi CP. **Clin Podiatry** 1985 Jul;2(3):435-47

Single-dose mezlocillin prophylaxis in emergency cesarean section. Jaffe R, et al. **Clin Ther** 1985;7(4):507-11

Preoperative cervical priming by intracervical application of a new sulprostone gel. Rath W, et al. **Contraception** 1985 Mar;31(3):207-16

Alterations in ocular and optic nerve blood flow during intraocular surgery in aspirin pretreated rabbits. Jay WM, et al. **Curr Eye Res** 1985 May;4(5):563-8

Peroperative penicillins, bacteremia, and pelvic inflammatory disease in association with induced first-trimester abortion. Heisterberg L, et al. **Dan Med Bull** 1985 Mar;32(1):73-5

Comparison of the effectiveness of moxalactam and cefazolin in the prevention of infection in patients undergoing abdominal operations. Plouffe JF, et al. **Diagn Microbiol Infect Dis** 1985 Jan;3(1):25-31

The role of the extended half-life second-generation cephalosporins in surgical prophylaxis. Rapp RP, et al. **Drug Intell Clin Pharm** 1985 Mar;19(3):214-6

Cefmetazole plasma levels after intraincisional administration [letter] Rodriquez Barbero J, et al. **Drug Intell Clin Pharm** 1985 May;19(5):394-6

The antibiotic prophylaxis of infective endocarditis. Etienne J, et al. **Eur Heart J** 1984 Oct;5 Suppl C:145-6

A randomised trial of cyclophosphamide pretreatment ('priming') before short-duration chemotherapy for small cell lung carcinoma. Harland S, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):61-4

Single-dose antimicrobial prophylaxis in open heart surgery. Beam T, et al. **Eur J Clin Microbiol** 1984 Dec;3(6):598-604

Wound infection rates after intraincisional plus systemic antibiotic prophylaxis in an animal model. Moesgaard F, et al. **Eur J Clin Microbiol** 1984 Dec;3(6):538-41

Effect of pretreatment with carbimazole on early outcome following radio-iodine (131I) therapy. Connell JM, et al. **Eur J Nucl Med** 1984;9(10):464-6

Reduction of pain following hysterosalpingogram by prior analgesic administration. Owens OM, et al. **Fertil Steril** 1985 Jan;43(1):146-8

Retrograde amnesia effects of intravenous diazepam in endoscopy patients. Liu S, et al. **Gastrointest Endosc** 1984 Dec;30(6):340-2

The effect of upper gastrointestinal endoscopy on arterial O2 tension in smokers and nonsmokers with and without premedication. Pecora AA, et al. **Gastrointest Endosc** 1984 Oct;30(5):284-8

Who should have endocarditis prophylaxis for upper gastrointestinal procedures? [editorial] Perucca PJ, et al. **Gastrointest Endosc** 1985 Aug;31(4):285-7

Premedication with atropine is important [letter] Smith BL. **Gastrointest Endosc** 1984 Dec;30(6):378-9

Controlled comparison of topical anesthetic agents in flexible upper gastrointestinal endoscopy. Smith JL, et al. **Gastrointest Endosc** 1985 Aug;31(4):255-8

Antimicrobial prophylaxis of bacterial endocarditis: a continuing saga [editorial] Bisno AL. **Hosp Pract [Off]** 1985 Jun 15;20(6):12-3

Prophylactic antibiotics in surgery. Micon L, et al. **Indiana Med** 1985 Feb;78(2):120-2

The efficacy of antibiotic prophylaxis in the prevention of post-cesarean section endometritis. Donowitz LG, et al. **Infect Control** 1985 May;6(5):189-93

Antibiotic prophylaxis in transurethral surgery: a comparison of sulbactam-ampicillin and cefoxitin. Dørflinger T, et al. **Infection** 1985 Mar-Apr;13(2):66-9

Review of the experience with cefotaxime in surgical prophylaxis. Blomer R, et al. **Int J Clin Pharmacol Res** 1985;5(3):185-91

Chemoprophylaxis of postoperative infections in colorectal surgery. Rakovec S, et al. **Int J Clin Pharmacol Res** 1985; 5(3):181-3

Infection after orthognathic surgery, with and without preventive antibiotics. Martis C, et al. **Int J Oral Surg** 1984 Dec;13(6):490-4

Cholecystectomy [editorial] **Ir Med J** 1985 Jan;78(1):1-2

Two pretreatment regimens for high-risk patients receiving radiographic contrast media. Greenberger PA, et al. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 1):540-3

Evaluation of cefadroxil and cephalexin in oral prophylaxis of postoperative sepsis. Sgarlato TE. **J Am Podiatry Assoc** 1984 Nov;74(11):538-40

Short-term prophylaxis with cefotaxime in prostatic surgery. Botto H, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:231-5

Antibiotic prophylaxis in elective genitourinary tract surgery: a comparison of single-dose pre-operative cefotaxime and multiple-dose cefoxitin. Childs SJ, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:271-5

Prophylactic use of cefotaxime in colonic and rectal surgery. Favre JP, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:247-53

A randomized trial of 48 hours of prophylactic cefotaxime versus single dose in transurethral prostatic surgery. Hargreave TB, et al. **J Antimicrob Chemother** 1984 Sep; 14 Suppl B:263-9

Ampicillin combined with sulbactam or metronidazole for single-dose chemoprophylaxis in major gynaecological surgery. Houang ET, et al. **J Antimicrob Chemother** 1984 Nov;14(5):529-35

Impact of single dose as compared to three dose prophylaxis with latamoxef (moxalactam) on the colonic microflora in patients undergoing colorectal surgery. Kager L, et al. **J Antimicrob Chemother** 1984 Aug;14(2):171-7

Intra-incisional penicillin versus cephaloridine [letter] Lindsey D, et al. **J Antimicrob Chemother** 1984 Aug; 14(2):196-7

Randomized, double-blind comparison of cefotaxime, cefoxitin, cefazolin or placebo as prophylaxis during gastric, small bowel or complicated biliary surgery. Louie TJ, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:255-62

Antibiotic prophylaxis in hysterectomy—cefotaxime compared to ampicillin-tinidazole. McDonald PJ, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:223-30

Prevention of post-appendicectomy sepsis by mezlocillin and metronidazole: a prospective, randomized, double-blind trial. McIntosh GS, et al. **J Antimicrob Chemother** 1984 Nov;14(5):537-42

Serum and tissue concentrations of intravenous cefotaxime during aortic surgery. Robbs JV, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:113-6

Single-dose cefotaxime versus 3 to 5 dose cefoxitin for prophylaxis of vaginal or abdominal hysterectomy. Roy S, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:217-21

Erythromycin stearate, 1.5 g, for the oral prophylaxis of streptococcal bacteraemia in patients undergoing dental extraction: efficacy and tolerance. Shanson DC, et al. **J Antimicrob Chemother** 1985 Jan;15(1):83-90

Antibiotic prophylaxis in elective gastro-intestinal tract surgery: a comparison of single-dose pre-operative cefotaxime and multiple-dose cefoxitin. Shatney CH. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:241-5

Basic principles in the use of prophylactic antibiotics. Stone HH. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:33-7

Prophylactic use of cefotaxime in elective biliary surgery. Sykes D, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:237-9

Prophylactic cefamandole in orthopaedic surgery. Gatell JM, et al. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1219-22

Prophylactic antibiotics in amputation of the lower extremity for ischemia. A placebo-controlled, randomized trial of cefoxitin. Sonne-Holm S, et al. **J Bone Joint Surg [Am]** 1985 Jun;67(5):800-3

Dextran/aspirin versus heparin/dihydroergotamine in preventing thrombosis after hip fractures. Pini M, et al. **J Bone Joint Surg [Br]** 1985 Mar;67(2):305-9

A randomized, prospective study of perioperative antimicrobial prophylaxis for vascular access surgery. Bennion RS, et al. **J Cardiovasc Surg (Torino)** 1985 May-Jun;26(3):270-4

The use of prophylactic antibiotics in clean podiatric surgery. Okun S, et al. **J Foot Surg** 1984 Sep-Oct;23(5):402-6

A high incidence of bleeding is observed in a trial to determine whether addition of metronidazole is needed with latamoxef for prophylaxis in colorectal surgery. Morris DL, et al. **J Hosp Infect** 1984 Dec;5(4):398-408

Comparison of prophylactic antibiotic regimens in patients undergoing vascular surgery. Walker M, et al. **J Hosp Infect** 1984 Dec;5 Suppl A:101-6

Results of trimethoprim-sulfamethoxazole prophylaxis in ventriculostomy and shunting procedures. A double-blind randomized trial. Blomstedt GC. **J Neurosurg** 1985 May; 62(5):694-7

Effect of narcotic premedication on scintigraphic evaluation of gallbladder perforation. Sefczek DM, et al. **J Nucl Med** 1985 Jan;26(1):51-3

Antibiotic prophylaxis in intraoral orthognathic surgery. Ruggles JE, et al. **J Oral Maxillofac Surg** 1984 Dec; 42(12):797-801

Prophylactic metronidazole with and without cefuroxime in elective colorectal surgery. A prospective randomised double-blind study. Cunliffe WJ, et al. **J R Coll Surg Edinb** 1985 Apr;30(2):123-5

Antibiotic peritoneal lavage in childhood appendicitis. Orr JD. **J R Coll Surg Edinb** 1984 Sep;29(5):307-9

Comparison of intravenous cefoxitin prophylaxis with intraoperative cefoxitin irrigation for the prevention of post-cesarean-section endometritis. Boothby R, et al. **J Reprod Med** 1984 Nov;29(11):830-2

The use of Chinese herbs folium ilicis chinensis decoction plus eucalyptus distillate for preoperative preparation of intestinal tract. Miao TJ, et al. **J Tradit Chin Med** 1984 Jun;4(2):149-52

Effectiveness of prophylactic antibiotics in the outpatient treatment of burns. Boss WK, et al. **J Trauma** 1985 Mar; 25(3):224-7

Prophylactic antibiotics and no antibiotics compared in penetrating chest trauma. Mandal AK, et al. **J Trauma** 1985 Jul;25(7):639-43

Prophylactic parenteral cephalosporins in surgery. Are the newer agents better? DiPiro JT, et al. **JAMA** 1984 Dec 21;252(23):3277-9

The prophylactic use of cephalosporins for surgery [letter] Moskovitz BL. **JAMA** 1985 Jun 21;253(23):3399-400

Perioperative single dose antibiotic therapy in elective surgery. Gardezi SA, et al. **JPMA** 1985 Apr;35(4):112-5

Prevention of infection after joint surgery [editorial] **Lancet** 1985 Feb 16;1(8425):378-9

Importance of preoperative antibiotic prophylaxis for patients undergoing acute appendicectomy [letter] Arnbjörnsson E, et al. **Lancet** 1984 Dec 1;2(8414):1279

Prophylactic antibiotics in recurrent erysipelas [letter] Bitnun S. **Lancet** 1985 Feb 9;1(8424):345

Antibiotic prophylaxis for coronary artery bypass graft surgery [letter] Kelly TW, et al. **Lancet** 1985 Jul 20; 2(8447):162

Preoperative antibiotic prophylaxis in acute appendicectomy [letter] Muirhead AG, et al. **Lancet** 1985 Feb 9; 1(8424):352-3

Antibiotic prophylaxis for coronary artery bypass graft surgery [letter] Penketh AR, et al. **Lancet** 1985 Jun 29; 1(8444):1500

Preventive antibiotics in surgical practice. O'Brien P, et al. **Med J Aust** 1985 Aug 19;143(4):149–52 (12 ref.)

Prophylactic acyclovir in patients receiving bone marrow transplants [letter] Trigg ME, et al. **N Engl J Med** 1985 Jun 27;312(26):1708–9

Antibiotic prophylaxis in cerebrospinal fluid shunting: a prospective randomized trial in 152 hydrocephalic patients. Schmidt K, et al. **Neurosurgery** 1985 Jul;17(1):1–5

Investigation of the CET levels in the serum during and after cardiopulmonary bypass. Nakagawa A, et al. **Nippon Geka Hokan** 1984 Mar 1;53(2):306–11

Single– versus three–dose cefotaxime prophylaxis for cesarean section. Gonik B. **Obstet Gynecol** 1985 Feb; 65(2):189–93

Single–dose antibiotic prophylaxis in high–risk patients undergoing cesarean section. Saltzman DH, et al. **Obstet Gynecol** 1985 May;65(5):655–7

Antibiotic prevention of infections complicating radical abdominal hysterectomy. Sevin BU, et al. **Obstet Gynecol** 1984 Oct;64(4):539–45

Preoperative antibiotic soaking of silicone sponges. Does it make a difference? Arribas NP, et al. **Ophthalmology** 1984 Dec;91(12):1684–9

Cost–effectiveness of prophylactic antibiotics in head and neck surgery. Mandell–Brown M, et al. **Otolaryngol Head Neck Surg** 1984 Oct;92(5):520–3

Antibiotic prophylaxis for pacemaker implantation: a prospective randomized trial. Ramsdale DR, et al. **PACE** 1984 Sep;7(5):844–9

Prevention of bacterial endocarditis. Dajani AS. **Pediatr Infect Dis** 1985 Jul–Aug;4(4):349–52

Pediatric surgical infection and antibiotic usage. Mollitt DL. **Pediatr Infect Dis** 1985 May–Jun;4(3):326–9 (6 ref.)

Prevention of bacterial endocarditis. Committee on Rheumatic Fever and Bacterial Endocarditis of the Council on Cardiovascular Diseases in the Young, American Academy of Pediatrics. **Pediatrics** 1985 Mar;75(3):603–7

Surgical antimicrobial prophylaxis: principles and guidelines. Burnakis TG. **Pharmacotherapy** 1984 Sep–Oct;4(5):248–71 (286 ref.)

Effects of multiple pretreatment with apomorphine and amphetamine on amphetamine–induced locomotor activity and its inhibition by apomorphine. Riffee WH, et al. **Psychopharmacology (Berlin)** 1985;85(1):97–101

A double–blind study comparing cefonicid with cefazolin as prophylaxis in patients undergoing total hip or knee replacement. DeBenedictis KJ, et al. **Rev Infect Dis** 1984 Nov–Dec;6 Suppl 4:S901–4

Prophylactic antibiotics for elective colorectal surgery or operation for obstruction of the small bowel: a comparison of cefonicid and cefoxitin. Fabian TC, et al. **Rev Infect Dis** 1984 Nov–Dec;6 Suppl 4:S896–900

Comparative studies of multiple–dose cefoxitin vs. single–dose cefonicid for surgical prophylaxis in patients undergoing biliary tract operations or hysterectomy. Maki DG, et al. **Rev Infect Dis** 1984 Nov–Dec;6 Suppl 4:S887–95

Antibiotic prophylaxis in surgery. Platt R. **Rev Infect Dis** 1984 Nov–Dec;6 Suppl 4:S880–6 (34 ref.)

Short–course antibiotic prophylaxis in first–trimester abortion. DiOrio J. **RI Med J** 1984 Nov;67(11):499–500

Antimicrobial prophylaxis in surgery [editorial] du Toit DF. **S Afr Med J** 1985 Aug 17;68(4):204

Prophylactic antimicrobials in elective colorectal and biliary surgery. Perrott CA, et al. **S Afr Med J** 1985 Sep 14; 68(6):387–91

Tinidazole prophylaxis in elective colorectal surgery. Laitinen S, et al. **Scand J Gastroenterol** 1984 Nov; 19(8):1027–30

Antibiotic prophylaxis in pacemaker surgery––a prospective study. Bluhm G, et al. **Scand J Thorac Cardiovasc Surg** 1984;18(3):227–34

Species distribution and antibiotic sensitivity of bacteria isolated pre– and postoperatively from patients undergoing transurethral prostatic resection. Grabe M, et al. **Scand J Urol Nephrol** 1984;18(3):187–92

A short antibiotic course given in conjunction with and after catheter removal consecutive to transurethral prostatic resection. Grabe M, et al. **Scand J Urol Nephrol** 1984; 18(3):193–9

Renal transplant wound infection: the value of prophylactic antibiotic treatment. Tillegård A. **Scand J Urol Nephrol** 1984;18(3):215–21

Antibiotic therapy in surgical patients [letter] Childs SJ. **South Med J** 1984 Nov;77(11):1480–1

Evaluation of ranitidine as an oral antacid in outpatient anesthesia. Manchikanti L, et al. **South Med J** 1985 Jul; 78(7):818–22

Cephalosporins for surgical prophylaxis: computer projections of intraoperative availability. Nix DE, et al. **South Med J** 1985 Aug;78(8):962–6

Prospective randomized controlled study of prophylaxis with cefamandole in high risk patients undergoing operations upon the biliary tract. Cáinzos M, et al. **Surg Gynecol Obstet** 1985 Jan;160(1):27–32

One row anastomosis in colonic operations with antibiotic prophylaxis. Entner M, et al. **Surg Gynecol Obstet** 1985 Aug;161(2):136–8

Ceftriaxone and cefazolin prophylaxis for hysterectomy. Hemsell DL, et al. **Surg Gynecol Obstet** 1985 Sep; 161(3):197–203

Netilmicin sulfate prophylaxis in the surgical treatment of renal stones. Lewi H, et al. **Surg Gynecol Obstet** 1984 Oct; 159(4):357–62

Should antimicrobial prophylaxis in colorectal surgery include agents effective against both anaerobic and aerobic microorganisms? A double–blind, multicenter study. The Norwegian Study Group for Colorectal Surgery. **Surgery** 1985 Apr;97(4):402–8

Prophylactic cefuroxime in transurethral resection. Ferrie BG, et al. **Urol Res** 1984;12(6):279–81

Prophylactic antibiotics in transurethral prostatectomy. Qvist N, et al. **Urol Res** 1984;12(6):275–7

Perioperative mezlocillin vs cefotaxime to prevent infections after genitourinary surgery. Childs SJ, et al. **Urology** 1985 Jun;25(6):657–61

Antibiotic prophylaxis in transurethral surgery. Dørflinger T, et al. **Urology** 1984 Dec;24(6):643–6

Prophylactic trimethoprim for prostatectomy. Haverkorn MJ. **Urology** 1984 Oct;24(4):414–8

Prophylactic regimens in colorectal surgery: comparisons between metronidazole used alone or with ampicillin for one or three days. Roland M, et al. **World J Surg** 1985 Aug;9(4):626–32

Comparison of two methods of prophylaxis against CSF shunt infection. Lambert M, et al. **Z Kinderchir** 1984 Dec; 39 Suppl 2:109–10

[Centralized control of anticoagulant treatment] Zŭnzov I, et al. **Khirurgiia (Sofiia)** 1984;37(4):290–1 **(Bul)**

[Propranolol in the preoperative preparation of thyrotoxic patients] Kuang YL. **Chung Hua Wai Ko Tsa Chih** 1984 Nov;22(11):645–7, 699 (Eng. Abstr.) **(Chi)**

[Clinical problems in the prophylactic use of antibiotics] Xie SL. **Chung Hua Wai Ko Tsa Chih** 1984 Aug;22(8):504–8 (39 ref.) **(Chi)**

[Prophylactic and therapeutic effect of ornidazole (Tiberal Roche) in abdominal surgery] Vyhnánek F, et al. **Rozhl Chir** 1985 Jun;64(6):451–6 (Eng. Abstr.) **(Cze)**

[Prevention of serious anaerobic infections] Závadová M, et al. **Rozhl Chir** 1984 Sep;63(8–9):616–22 (Eng. Abstr.) **(Cze)**

[Anesthesia and beta blockade] Bigler D. **Ugeskr Laeger** 1984 May 7;146(19):1423–6 (Eng. Abstr.) **(Dan)**

[Preoperative assessment of beta adrenoceptor–blocked patients] Hansen PH, et al. **Ugeskr Laeger** 1984 May 7; 146(19):1419–22 (Eng. Abstr.) **(Dan)**

[Sodium citrate compared with Link as a preoperative antacid for emergency patients] Nielsen IK, et al. **Ugeskr Laeger** 1984 Oct 8;146(41):3106–8 (Eng. Abstr.) **(Dan)**

[Preventive antibiotic therapy in transurethral resection of the prostate] Qvist N, et al. **Ugeskr Laeger** 1985 Feb 4; 147(6):513–4 (Eng. Abstr.) **(Dan)**

[Clinical and epidemiological evaluation of preventive antibiotherapy in scheduled digestive surgery. Results apropos of 121 cases] Bernard E, et al. **Ann Chir** 1984 Sep; 38(6):420–7 (Eng. Abstr.) **(Fre)**

[Role of beta blockers as the only therapy for preparing the hyperthyroid patient for surgery] Maunand B, et al. **Ann Endocrinol (Paris)** 1984;45(3):165–72 (83 ref.) (Eng. Abstr.) **(Fre)**

[Use of metoclopramide in the preparation of patients over 75 for gastroscopy] Korn M. **Ann Gastroenterol Hepatol (Paris)** 1984 Jul–Sep;20(4):225–7 (Eng. Abstr.) **(Fre)**

[Postoperative infection in ORL oncologic surgery. The choice of preventive antibiotherapy. Experience of the ORL Department of Hôpital Claude Bernard] Gehanno P, et al. **Ann Otolaryngol Chir Cervicofac** 1985; 102(3):187–93 (Eng. Abstr.) **(Fre)**

[Surgical treatment of Basedow's disease. I––Traditions and new methods in preparation for thyroidectomy: use of dexamethasone] Houlbert D, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(7):509–14 (Eng. Abstr.) **(Fre)**

[Factor VII deficiency. Preparation for surgical intervention] Duret N, et al. **Cah Anesthesiol** 1984 Nov;32(7):577–8 **(Fre)**

[Value of prophylactic antibiotic therapy in cesarean section] el Bakali–el Kassimi A, et al. **Maroc Med** 1984 Dec; 6(4):291–6 (Eng. Abstr.) **(Fre)**

[Preventive antibiotic therapy and postoperative infection in orthopedic surgery. 1983 total hip prostheses] Marotte JH, et al. **Rev Chir Orthop** 1985;71(2):79–86 (Eng. Abstr.) **(Fre)**

[Perioperative prophylaxis in elective colorectal surgery] Kujath P, et al. **Chirurg** 1984 Aug;55(8):519–22 (Eng. Abstr.) **(Ger)**

[Perioperative antibiotic prophylaxis (single or multiple dose) in elective colorectal surgery. A randomized study] Lohr J, et al. **Chirurg** 1984 Aug;55(8):512–4 (Eng. Abstr.) **(Ger)**

[Perioperative antibiotic prophylaxis and the risk of wound infection in kidney transplantation] Grundmann R, et al. **Fortschr Med** 1984 Dec 20;102(47–48):1199–202 (Eng. Abstr.) **(Ger)**

[Premedication for sonography. Enzyme–paractol in comparison with a placebo] Heyder N, et al. **Fortschr Med** 1984 Sep 13;102(34):850–2 (Eng. Abstr.) **(Ger)**

[Intravenous sedation before endoscopic interventions. Comparative study of lormetazepam and diazepam in oil] Tolksdorf W, et al. **Fortschr Med** 1985 Mar 7;103(9):249–52 (Eng. Abstr.) **(Ger)**

[Perioperative infection prevention with cefotaxime] Hägele D, et al. **Geburtshilfe Frauenheilkd** 1985 Jan;45(1):40–2 (Eng. Abstr.) **(Ger)**

[Short–term prevention with cefoxitin in cesarean section] Heilmann L, et al. **Geburtshilfe Frauenheilkd** 1984 Dec; 44(12):792–5 (Eng. Abstr.) **(Ger)**

[Biliary bacteriology in clinical use] Baumann C, et al. **Helv Chir Acta** 1985 Apr;52(1):79–82 (Eng. Abstr.) **(Ger)**

[Antibiotic prophylaxis in surgery] Geroulanos S, et al. **Helv Chir Acta** 1985 Apr;52(1):149–58 (30 ref.) (Eng. Abstr.) **(Ger)**

[Heart failure therapy with digitalis and spironolactone––studies within the scope of preoperative treatment before lung resection] Daum S, et al. **Prax Klin Pneumol** 1984 Sep;38(9):406–11 (Eng. Abstr.) **(Ger)**

[Perioperative antibiotic prophylaxis in hysterectomies. Prospective randomized study on the efficacy of a single dose of ceftriaxone] Lüscher KP, et al. **Schweiz Rundsch Med Prax** 1985 May 28;74(22):593–7 (Eng. Abstr.) **(Ger)**

[Histamine H1 and H2 receptor blockade as a supplementary premedication principle in elective surgery] Schöning B, et al. **Schweiz Rundsch Med Prax** 1985 Mar 26; 74(13):315–22 (52 ref.) (Eng. Abstr.) **(Ger)**

[Premedication for abdominal sonography––comparison of the efficacy of 2 dimethicone preparations] Gladisch R, et al. **Ultraschall Med** 1985 Apr;6(2):114–7 (Eng. Abstr.) **(Ger)**

[Perioperative antibiotic therapy––clinical experiences with a combination of mezlocillin/sisomicin in accident surgery] Lais E. **Unfallchirurgie** 1984 Aug;10(4):168–72 (Eng. Abstr.) **(Ger)**

[Antibiotic prevention in vascular surgery] Tuchmann A, et al. **Vasa** 1985;14(1):66–70 (Eng. Abstr.) **(Ger)**

[Ceftriaxone in pediatric surgery] Brülhart K, et al. **Wien Med Wochenschr [Suppl]** 1985;87:28–32 **(Ger)**

[Perioperative antibiotic prophylaxis. A comparative study of 244 patients with colonic diseases] Eckert P, et al. **Wien Med Wochenschr [Suppl]** 1985;87:21–7 **(Ger)**

[Prospective randomized study: cefuroxime and netilmicin versus ceftriaxone as prophylaxis in vascular surgery] Muckenhuber P, et al. **Wien Med Wochenschr [Suppl]** 1985; 87:27–8 **(Ger)**

[Perioperative antibiotic prevention in colon and rectum surgery. A randomized study on the value of single dose prevention] Athanasiadis S, et al. **Zentralbl Chir** 1985; 110(9):532–8 (Eng. Abstr.) **(Ger)**

[Modern mechanical antibiotic preparation in colorectal operations. Results of a prospective study] Hildebrandt J, et al. **Zentralbl Chir** 1985;110(2–3):93–7 (Eng. Abstr.) **(Ger)**

[Antibiotic prophylaxis: clinical experience of surgical importance] Fuga G, et al. **Ann Ital Chir** 1984;56(2):139–41 **(Ita)**

[Antibiotic prophylaxis with cefoxitin in abdominal surgery (remarks on 50 cases)] Parodi E, et al. **Chir Ital** 1985 Feb; 37(1):107–12 (Eng. Abstr.) **(Ita)**

[Mechanical and chemotherapeutic preparation of the colon for surgical intervention] Piccinelli D, et al. **Chir Ital** 1984 Apr;36(2):179–86 (Eng. Abstr.) **(Ita)**

[Evaluation of the effects of ambroxol in the surgical preparation of patients with bronchopulmonary disorders. Administration during intermittent positive pressure ventilation] Minuto A, et al. **Clin Ter** 1984 Dec 31; 111(6):521–30 (Eng. Abstr.) **(Ita)**

[Prevention of infections in surgery of the colorectum. Evaluation of the combined activity of clindamycin and tobramycin] Gramegna A, et al. **Minerva Chir** 1985 Feb 15;40(3):115–20 **(Ita)**

[Use of cefamandole in the prevention of complications caused by percutaneous transhepatic cholangiography] Marino BM, et al. **Minerva Chir** 1984 Aug 15–31; 39(15–16):1117–9 (Eng. Abstr.) **(Ita)**

[The clindamycin–gentamicin combination for antibiotic prophylaxis in gynecologic surgery] Schonauer S, et al. **Minerva Ginecol** 1984 Dec;36(12):851–4 (Eng. Abstr.) **(Ita)**

[Clinical studies of antimicrobial prophylaxis of recurrent urinary infection in women. Long–term, low–dose pipemidic acid for prophylaxis] Masu C, et al. **Hinyokika Kiyo** 1984 Apr;30(4):529–36 (Eng. Abstr.) **(Jpn)**

[Clinical studies on cefoperazone in renal transplantation] Shiraiwa K, et al. **Hinyokika Kiyo** 1985 Apr;31(4):723–9 (Eng. Abstr.) **(Jpn)**

[Prophylactic cefmetazole in transurethral prostatectomy] Fujita K, et al. **Jpn J Antibiot** 1984 Sep;37(9):1697–700 (Eng. Abstr.) **(Jpn)**

[Prevention of postoperative infection following cardiac catheterization in pediatric field. Study of air–borne bacteria in X–ray room and evaluation of an antibiotic used for prevention of postoperative infection] Kuno Y, et al. **Jpn J Antibiot** 1984 Oct;37(10):1780–4 (Eng. Abstr.) **(Jpn)**

[Concentrations of cefotaxime in serum and myocardial tissue] Shio K, et al. **Jpn J Antibiot** 1984 Jun;37(6):1035–9 (Eng. Abstr.) **(Jpn)**

[Evaluation of the validity of the preventive use of metronidazole and tinidazole in surgery of the genital organs] Zrubek H, et al. **Ginekol Pol** 1984 Nov;55(11):863–6 (Eng. Abstr.) **(Pol)**

[Use of metoclopramide for the prevention of vomiting induced by cytostatics] Lutyński A, et al. **Nowotwory** 1984 Jul–Sep;34(3):237–44 (Eng. Abstr.) **(Pol)**

[Effect of systemic antibiotic therapy on microbial flora of gastrointestinal tract in the hematological patients] Bermudez LE, et al. **Rev Paul Med** 1984 Nov–Dec; 102(6):256–9 (Eng. Abstr.) **(Por)**

[Use of semisynthetic penicillins and cephalosporins in trauma and orthopedic patients] Mel'nikova VM, et al. **Antibiotiki** 1984 Aug;29(8):614–5 (Eng. Abstr.) **(Rus)**

[Use of the thymus preparation thymalin in the complex prevention of postoperative infectious complications after reconstructive biliary surgery] Kuzin MI, et al. **Khirurgiia (Mosk)** 1985 Apr;(4):128–34 **(Rus)**

[Use of lithium carbonate in the preoperative care of patients with toxic goiter] Petrov NM, et al. **Vrach Delo** 1985 Mar; (3):99–102 (Eng. Abstr.) **(Rus)**

[Preventive administration of antimicrobial drugs in patients treated by bone marrow transplantation] Francetić I, et al. **Lijec Vjesn** 1985 Mar–Apr;107(3–4):125–7 (Eng. Abstr.) **(Ser)**

[Evaluation of gentamicin as a prophylactic antibiotic in exchange transfusion] Vargas-Origel A, et al. **Bol Med Hosp Infant Mex** 1985 Apr;42(4):240–3 (Eng. Abstr.) **(Spa)**

[Postoperative infections in gynecologic surgery and cesarean section. Effects of the prophylactic use of antibiotics] Gonzalez P, et al. **Rev Chil Obstet Ginecol** 1984; 49(3):199–205 (Eng. Abstr.) **(Spa)**

[Perioperative antimicrobial prophylaxis in abdominal surgery] de Teresa y Cobian E, et al. **Rev Esp Enferm Apar Dig** 1984 Aug;66(2):129–33 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Anaphylactoid reactions to vancomycin during anaesthesia: two clinical reports. Symons NL, et al. **Can Anaesth Soc J** 1985 Mar;32(2):178–81

Complications with antibiotics used prophylactically in joint replacement surgery: a case report of cephradine-induced pseudomembranous colitis. Roberts AP, et al. **Int Orthop** 1985;8(4):299–302

ECONOMICS

[Controlled trial and cost/efficacy evaluation of the prevention of infectious complications in surgery of cancers of the upper aerodigestive tract with peri-operative cefoxitin] Renaud-Salis JL, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(3):179–82 (Eng. Abstr.) **(Fre)**

METHODS

Use of antibiotic-containing bone cement. Murray WR. **Clin Orthop** 1984 Nov;(190):89–95

Administration of ketoprofen suppositories for out-patient post-operative analgesia. Himendra A, et al. **Curr Med Res Opin** 1985;9(7):436–41

Healing of ischemic colonic anastomoses in the rat: role of antibiotic preparation. Cohen SR, et al. **Surgery** 1985 Apr; 97(4):443–6

[Intravenous sedation for gastroscopy: comparison between midazolam and diazepam] Maitre PO, et al. **Ann Fr Anesth Reanim** 1984;3(6):430–4 (Eng. Abstr.) **(Fre)**

VETERINARY

Premedication of dogs with acepromazine or pentazocine before euthanasia with carbon monoxide. Dallaire A, et al. **Can J Comp Med** 1985 Apr;49(2):171–8

Calculation of dosage regimens of antimicrobial drugs for surgical prophylaxis. Mercer HD. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1083–7 (15 ref.)

Effect of premedication with acetylpromazine on the disposition kinetics of thiopental. Baggot JD, et al. **J Vet Pharmacol Ther** 1984 Sep;7(3):197–202

[Antibiotic prophylaxis in small-animal surgery] van den Bogaard AE Jr. **Tijdschr Diergeneeskd** 1984 Aug 15; 109(15–16):616–27 (Eng. Abstr.) **(Dut)**

[Anaphylactic shock in swine. 2. Protective effect of acetylsalicylic acid premedication in experimental anaphylaxis] Fürll M, et al. **Arch Exp Veterinarmed** 1984 Jul;38(4):526–38 (Eng. Abstr.) **(Ger)**

[Anaphylactic shock in swine. 3. Protective effect of metapyrin premedication in experimental anaphylaxis] Wujanz G, et al. **Arch Exp Veterinarmed** 1984 Jul; 38(4):539–50 **(Ger)**

PREMENSTRUAL TENSION

Premenstrual tension. Evans J, et al. **Aust Fam Physician** 1984 Sep;13(9):646–8

Premenstrual syndrome. Bancroft J, et al. **Clin Endocrinol (Oxf)** 1985 Mar;22(3):313–36

Premenstrual syndrome. Levine EM, et al. **Compr Ther** 1985 May;11(5):12–5

Premenstrual syndrome. Friedman D. **J Fam Pract** 1984 Nov; 19(5):669–71, 674–5, 678

Premenstrual tension [editorial] Oswald N. **J R Coll Gen Pract** 1984 Oct;34(267):533–4

Premenstrual or postmenstrual syndrome? [editorial] Abraham S. **Med J Aust** 1984 Sep 15;141(6):327–8

Pre- or postmenstrual syndrome? [letter] Hart WG, et al. **Med J Aust** 1984 Nov 24;141(11):762

[Premenstrual syndrome. Physiopathology, clinical aspects and therapy] Natoli A, et al. **Clin Ter** 1984 Nov 15; 111(3):251–65 (113 ref.) (Eng. Abstr.) **(Ita)**

BLOOD

Vasopressin and prostaglandins in premenstrual pain and primary dysmenorrhea. Strömberg P, et al. **Acta Obstet Gynecol Scand** 1984;63(6):533–8

Abnormal essential fatty acid levels in plasma of women with premenstrual syndrome. Brush MG, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):363–6

Hormonal studies in women with premenstrual tension. Watts JF, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):247–55

Prolonged follicular phase and depressed gonadotrophins following hysterectomy and corpus lute-ectomy in women with premenstrual tension syndrome. Bäckström T, et al. **Clin Endocrinol (Oxf)** 1985 Jun;22(6):723–32

beta-Endorphin withdrawal: a possible cause of premenstrual tension syndrome. Giannini AJ, et al. **Int J Psychophysiol** 1984 Jun;1(4):341–3

Serotonin levels and platelet uptake during premenstrual tension. Taylor DL, et al. **Neuropsychobiology** 1984; 12(1):16–8

[Increased serum levels of GH, PRL and TSH in a woman with primary preclinical hypothyroidism and premenstrual tension syndrome] Natoli A, et al. **Clin Ter** 1984 Sep 15; 110(5):483–6 (Eng. Abstr.) **(Ita)**

COMPLICATIONS

Relationship of dysphoric premenstrual changes to depressive disorders. Halbreich U, et al. **Acta Psychiatr Scand** 1985 Apr;71(4):331–8

Ischemic heart disease: part of the premenstrual syndrome? Sanz ML, et al. **Am Heart J** 1985 Sep;110(3):672–3

Recurrent respiratory failure in premenstrual asthma. Eliasson O, et al. **Conn Med** 1984 Dec;48(12):777–8

[Irritable bowel syndrome in gynecological practice] Smesova RV, et al. **Akush Ginekol (Mosk)** 1985 Feb; (2):56–8 **(Rus)**

DIAGNOSIS

Hormone levels and premenstrual syndrome [letter] Martin AJ. **Am J Obstet Gynecol** 1985 Jun 1;152(3):361–2

Premenstrual syndrome [letter] **J R Coll Gen Pract** 1985 Jan; 35(270):41–2

Recognition and treatment of premenstrual syndrome. Lauersen NH. **Nurse Pract** 1985 Mar;10(3):11–2, 15, 18–20 passim

Evaluating premenstrual symptoms in medical practice. Freeman EW, et al. **Obstet Gynecol** 1985 Apr;65(4):500–5

Premenstrual syndrome. Tactics for intervention. Havens C. **Postgrad Med** 1985 May 15;77(7):32–7 (28 ref.)

Methodological issues in studies of premenstrual changes. Halbreich U, et al. **Psychoneuroendocrinology** 1985; 10(1):15–32

Premenstrual syndrome—a practical approach. Lindemann JC. **Wis Med J** 1984 Nov;83(11):30–2

DRUG THERAPY

Progesterone and the premenstrual syndrome: a double blind crossover trial. Dennerstein L, et al. **Br Med J [Clin Res]** 1985 Jun 1;290(6482):1617–21

Progesterone and the premenstrual syndrome: a double blind crossover trial [letter] Magos A, et al. **Br Med J [Clin Res]** 1985 Jul 20;291(6489):213–4

Cyclical or continuous treatment of the premenstrual syndrome (PMS) with bromocriptine. Ylöstalo P. **Eur J Obstet Gynecol Reprod Biol** 1984 Jul;17(5):337–43

Vitamin B6 and the premenstrual syndrome (PMS). Gunn AD. **Int Z Vitam Ernahrungsforsch [Beih]** 1985;27:213–24 (32 ref.)

The effect of alpha-tocopherol on premenstrual symptomatology: a double-blind study. II. Endocrine correlates. London RS, et al. **J Am Coll Nutr** 1984; 3(4):351–6

The use of clonidine in premenstrual tension syndrome. Price WA, et al. **J Clin Pharmacol** 1984 Oct;24(10):463–5

Alprazolam and premenstrual syndrome [letter] Freinhar JP. **J Clin Psychiatry** 1984 Dec;45(12):526

Danol for premenstrual syndrome: a preliminary report of a placebo-controlled double-blind study. Gilmore DH, et al. **J Int Med Res** 1985;13(2):129–30

Treatment of premenstrual syndrome using danazol: preliminary report of a placebo-controlled, double-blind, dose ranging study. Watts JF, et al. **J Int Med Res** 1985; 13(2):127–8

Controlled trial of pyridoxine in the premenstrual syndrome. Williams MJ, et al. **J Int Med Res** 1985;13(3):174–9

The premenstrual syndrome. A survey of current treatment practices. Lyon KE, et al. **J Reprod Med** 1984 Oct; 29(10):705–11

Biochemical and clinical effects of treating the premenstrual syndrome with prostaglandin synthesis precursors. Puolakka J, et al. **J Reprod Med** 1985 Mar;30(3):149–53

Pyridoxine and the premenstrual syndrome [letter] Brush MG, et al. **Lancet** 1985 Jun 15;1(8442):1399

Pyridoxine overdose in premenstrual syndrome [letter] Dalton K. **Lancet** 1985 May 18;1(8438):1168–9

Clonidine for relief of premenstrual syndrome [letter] Nilsson LC, et al. **Lancet** 1985 Sep 7;2(8454):549–50

Progesterone for premenstrual syndrome. **Med Lett Drugs Ther** 1984 Nov 9;26(674):101–2

The premenstrual syndrome. Effects of 'medical ovariectomy'. Muse KN, et al. **N Engl J Med** 1984 Nov 22;311(21):1345–9

Premenstrual syndrome [editorial] Vaitukaitis JL. **N Engl J Med** 1984 Nov 22;311(21):1371–3

[Heptaminol adenosine phosphate and the premenstrual syndrome] Anglade JP. **Rev Fr Gynecol Obstet** 1985 Mar; 80(4):245–7 (Eng. Abstr.) **(Fre)**

ENZYMOLOGY

Pseudocholinesterase and trait anxiety in premenstrual tension syndrome. Giannini AJ, et al. **J Clin Psychiatry** 1985 Apr;46(4):139–40

ETIOLOGY

Is premenstrual syndrome exaggerated molimina? [letter] Prior JC. **Am J Psychiatry** 1984 Nov;141(11):1495–6

Current concepts in premenstrual syndrome. Ullman LE. **RI Med J** 1985 Jun;68(6):269–72

[Premenstrual tension—causes and treatment] Nesheim BI. **Nord Med** 1984;99(10):236–8 (Eng. Abstr.) **(Nor)**

METABOLISM

The premenstrual syndrome. A review. O'Brien PM. **J Reprod Med** 1985 Feb;30(2):113–26 (117 ref.)

OCCURRENCE

Symptoms related to menstruation in adolescent Swiss girls: a longitudinal study. Flug D, et al. **Ann Hum Biol** 1985 Mar–Apr;12(2):161–8

Premenstrual tension syndrome. Dawood MY. **Obstet Gynecol Annu** 1985;14:328–43 (92 ref.)

PATHOLOGY

Cyclical mastalgia and breast pathology. Jørgensen J, et al. **Acta Chir Scand** 1985;151(4):319–21

PHYSIOPATHOLOGY

Hormones, behaviour and the menstrual cycle. Clare AW. **J Psychosom Res** 1985;29(3):225–33

Relationships among premenstrual symptoms and menstrual cycle characteristics. Steege JF, et al. **Obstet Gynecol** 1985 Mar;65(3):398–402

Biochemical hypotheses of premenstrual tension syndrome. Janowsky DS, et al. **Psychol Med** 1985 Feb;15(1):3–8

PSYCHOLOGY

The premenstrual syndrome. Brunetti LL, et al. **Am J Forensic Med Pathol** 1984 Sep;5(3):265–8

Premenstrual syndrome [letter] **N Engl J Med** 1985 Apr 4; 312(14):920

The premenstrual syndrome and its relationship to accidents. Patel S, et al. **Public Health** 1985 Jan;99(1):45–50

THERAPY

Treatment of premenstrual symptoms. Harrison W, et al. **Gen Hosp Psychiatry** 1985 Jan;7(1):54–65

Can aerobic exercise relieve the symptoms of premenstrual syndrome (PMS)? Canty AP. **J Sch Health** 1984 Nov; 54(10):410–1 (20 ref.)

Premenstrual syndrome [letter] Alberts PS. **JOGN Nurs** 1984 Nov–Dec;13(6):413

PREMOLAR see **BICUSPID**

PRENATAL CARE

see related
PERINATOLOGY

Effect of food supplementation (WIC) during pregnancy on birth weight. Metcoff J, et al. **Am J Clin Nutr** 1985 May; 41(5):933–47

Lack of association between vitamin intake during early pregnancy and reduction limb defects. Aro T, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):433

The age extremes for reproduction: current implications for policy change. Davidson EC Jr, et al. **Am J Obstet Gynecol** 1985 Jun 15;152(4):467–73

Perinatal and maternal mortality in a religious group avoiding obstetric care. Kaunitz AM, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):826–31

Cesarean section deliveries among adolescent mothers enrolled in a comprehensive prenatal care program. Leppert PC, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):623–6

Can preterm deliveries be prevented? Main DM, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):892–8

The scheduling of repeat cesarean section operations: prospective management protocol experience. Read JA. **Am J Obstet Gynecol** 1985 Mar 1;151(5):557–63

Perinatal factors that influence the incidence of subependymal and intraventricular hemorrhage in low birthweight infants. Dolfin T, et al. **Am J Perinatol** 1984

Jan;1(2):107-13

Prenatal care and pregnancy outcomes during the recession: the Washington State experience. Fisher ES, et al. **Am J Public Health** 1985 Aug;75(8):866-9

Does participation in prenatal courses lead to heavier babies? Robitaille Y, et al. **Am J Public Health** 1985 Oct; 75(10):1186-9

A controlled evaluation of rural regional perinatal care: impact on mortality and morbidity. Siegel E, et al. **Am J Public Health** 1985 Mar;75(3):246-53

TORCH serologies and specific IgM antibody determination in acquired and congenital infections. Fung JC, et al. **Ann Clin Lab Sci** 1985 May-Jun;15(3):204-11

Prenatal fluoride tablet supplementation and the fluoride content of teeth: Part VII. Glenn FB, et al. **ASDC J Dent Child** 1984 Sep-Oct;51(5):344-51

Antenatal screening for diabetes mellitus [editorial] Lind T. **Br J Obstet Gynaecol** 1984 Sep;91(9):833-4

Obstetric management of the growth retarded baby. Simpson GF, et al. **Clin Obstet Gynaecol** 1984 Aug;11(2):481-97

Prenatal anticipatory guidance. Dershewitz R. **Clin Perinatol** 1985 Jun;12(2):343-53

Perinatal factors and seizure disorders: an epidemiologic review. Deymeer F, et al. **Epilepsia** 1985 Jul-Aug; 26(4):287-98

A study of antenatal vitamin and iron supplementation in Glasgow. Bennett CA, et al. **Health Bull (Edinb)** 1985 Jul; 43(4):182-6

The prevention of preterm delivery through prenatal care: an intervention study in Martinique. Goujon H, et al. **Int J Gynaecol Obstet** 1984 Oct;22(5):339-43

Association of infant mortality with lack of regular prenatal care in the Haifa subdistrict, 1980. Rishpon S, et al. **Isr J Med Sci** 1985 Feb;21(2):123-6

Smoking, alcohol, and dietary practices during pregnancy: comparison before and after prenatal education. Allen CD, et al. **J Am Diet Assoc** 1985 May;85(5):605-6

Comparison of ante-natal hospital records with retrospective interviewing. Joffe M, et al. **J Biosoc Sci** 1985 Jan; 17(1):113-9

An exploratory study of antenatal preparation for cesarean birth. Fawcett J, et al. **J Obstet Gynecol Neonatal Nurs** 1985 May-Jun;14(3):224-30

Theoretical foundations of a prepared sibling class. Johnsen NM, et al. **J Obstet Gynecol Neonatal Nurs** 1985 May-Jun; 14(3):237-42

Childbirth education classes: expectant parents' expectations. Maloney R. **J Obstet Gynecol Neonatal Nurs** 1985 May-Jun;14(3):245-8

Prenatal treatment of congenital adrenal hyperplasia resulting from 21-hydroxylase deficiency. David M, et al. **J Pediatr** 1984 Nov;105(5):799-803

Pregnant women's absorption of iron from prenatal supplements. Babior BM, et al. **J Reprod Med** 1985 Apr; 30(4):355-7

Antepartum heart rate testing in diabetic pregnancy. Miller JM Jr, et al. **J Reprod Med** 1985 Jul;30(7):515-8

Antenatal screening for fetopelvic dystocias. A cost-effectiveness approach to the choice of simple indicators for use by auxiliary personnel. The Kasongo Project Team. **J Trop Med Hyg** 1984 Aug;87(4):173-83

Antenatal hepatitis B screening [letter] Storrs WD, et al. **Med J Aust** 1985 Feb 18;142(4):280-1

Group health program to reduce the incidence of preterm deliveries. Mark PM, et al. **Minn Med** 1984 Sep; 67(9):509-10

Rubella susceptibility among prenatal and family planning clinic populations. Dorfman SF, et al. **Mt Sinai J Med (NY)** 1985 Apr;52(4):248-52

Prenatal child safety education. Goodson JG, et al. **Obstet Gynecol** 1985 Mar;65(3):312-5

Prenatal care and perinatal mortality in a black population. Rahbar F, et al. **Obstet Gynecol** 1985 Mar;65(3):327-9

Perinatal needs of immigrant Hmong women: surveys of women and health care providers. Faller HS. **Public Health Rep** 1985 May-Jun;100(3):340-3

Influences on the antenatal clinic attendance of Central Province women in Port Moresby, PNG. Marshall LB. **Soc Sci Med** 1985;21(3):341-50

Supplemental Food Program: effects on health and pregnancy outcome. Collins TR, et al. **South Med J** 1985 May;78(5):551-5

Low birth weight and preterm birth: the emerging importance of prevention. Siegel E. **Soz Praventivmed** 1985; 30(3):118-24

Public/private cooperation in rural maternal child health efforts: the Lea County perinatal program. Berger LR. **Tex Med** 1984 Sep;80(9):54-7

Antenatal Rh immunoglobulin--help or hindrance? [letter] Pisciotto P, et al. **Transfusion** 1985 Jan-Feb;25(1):88

[The present state of obstetrical psychoprophylaxis in Prague. I. Methods of preparing the patients] Cepický P, et al. **Cesk Gynekol** 1984 Sep;49(8):568-72 **(Cze)**

[The present state of obstetrical psychoprophylaxis in practice. II. The effects of preparation] Cepický P, et al. **Cesk Gynekol** 1984 Nov;49(9):644-7 **(Cze)**

[Various aspects of the management of twin pregnancy and delivery] Stucki D. **Gynakol Rundsch** 1984;24 Suppl 1:108-15 **(Fre)**

[Improvement in feto-neonatal prognosis in twin pregnancies. Comparison of 2 series of 158 pregnancies before and after establishing a therapeutic protocol] Michiels Y, et al. **Rev Fr Gynecol Obstet** 1985 Feb; 80(2):99-102 (Eng. Abstr.) **(Fre)**

[Diabetes and pregnancy] Foidart JM. **Rev Med Liege** 1985 Feb 15;40(4):117-30 **(Fre)**

[Our management of pregnancy in diabetics] Kharouf M, et al. **Tunis Med** 1982 Jul-Aug;60(4):142-7 **(Fre)**

[Effect of prenatal care in general practice and in the clinic on the course of pregnancy and labor] Sperno R, et al. **Wien Med Wochenschr** 1985 Feb 15;135(3):65-9 (Eng. Abstr.) **(Ger)**

[Studies on a handheld computer system for perinatal care] Matsubara N. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul;37(7):1143-50 (Eng. Abstr.) **(Jpn)**

[Prenatal care] Goworek A, et al. **Wiad Lek** 1984 Aug 1; 37(15):1223-31 **(Pol)**

[Neglect of prenatal care and its consequences] Bárdoš A, et al. **Bratisl Lek Listy** 1985 Feb;83(2):117-22 (Eng. Abstr.) **(Slo)**

ECONOMICS

Further evidence on the value of the WIC program [editorial] Rush D. **Am J Public Health** 1985 Aug;75(8):828-9

WIC prenatal participation and its relationship to newborn Medicaid costs in Missouri: a cost/benefit analysis. Schramm WF. **Am J Public Health** 1985 Aug;75(8):851-7

Efficacy of prenatal nutrition counseling: weight gain, infant birth weight, and cost-effectiveness. Orstead C, et al. **J Am Diet Assoc** 1985 Jan;85(1):40-5

What determines the start of prenatal care? Prenatal care, insurance, and education. Cooney JP. **Med Care** 1985 Aug; 23(8):986-97

LEGISLATION & JURISPRUDENCE

The personal appearance. Avery JK. **J Tenn Med Assoc** 1984 Nov;77(11):666

New law removes one barrier for teens seeking prenatal care. Marr J. **Mich Med** 1985 Jan;84(1):5-6

[Medical clinical responsibility in control studies in pregnancy and curettage of the uterus long after fetal death] Schlund GH. **Geburtshilfe Frauenheilkd** 1984 Dec; 44(12):827-8 **(Ger)**

METHODS

Effects of two ultrasound scanning regimens on the management of pregnancy. Cochlin DL. **Br J Obstet Gynaecol** 1984 Sep;91(9):885-90

Preconception care. Reader FC, et al. **Practitioner** 1985 Aug; 229(1406):699-701

[Multivariate analysis of the clinical care of underweight patients] Schulz S, et al. **Geburtshilfe Frauenheilkd** 1984 Oct; 44(10):680-4 (Eng. Abstr.) **(Ger)**

[Diabetes and pregnancy] Schmid J, et al. **Gynakol Rundsch** 1984;24(4):197-209 **(Ger)**

[Remarks and indications for the continuous monitoring of females and pregnant patients with cardiovascular diseases] Janku K, et al. **Zentralbl Gynakol** 1984;106(19):1309-13 (Eng. Abstr.) **(Ger)**

[Results of a prepartal monitoring program in twin pregnancies] Randow H. **Zentralbl Gynakol** 1984; 106(20):1381-6 (Eng. Abstr.) **(Ger)**

[Care of pregnant diabetic patients--results and problems] Wolff C, et al. **Zentralbl Gynakol** 1985;107(8):467-77 (Eng. Abstr.) **(Ger)**

[Gymnastics in the complex physiopsychological preparation of pregnant women for labor] Nikolaeva EI, et al. **Akush Ginekol (Mosk)** 1985 Jan;(1):64-7 **(Rus)**

[Specific differential prenatal prophylaxis of rickets in infants] Antipkin IuG. **Pediatriia** 1985 Apr;(4):17-20 (Eng. Abstr.) **(Rus)**

ORGANIZATION & ADMINISTRATION

Some characteristics of antenatal care in 13 European countries. Blondel B, et al. **Br J Obstet Gynaecol** 1985 Jun; 92(6):565-8

New programme of antenatal care in general practice. Marsh GN. **Br Med J [Clin Res]** 1985 Sep 7;291(6496):646-8

Setting up neighbourhood antenatal clinics. Problems encountered in the inner city. Newall M, et al. **Practitioner** 1984 Nov;228(1397):1089-91

[Activities of a mobile polyclinic for providing outpatient services for women in remote regions of the Tomsk district] Popova VN, et al. **Akush Ginekol (Mosk)** 1985 May; (5):64-5 **(Rus)**

[Activities of the consultation department for prenatal diagnosis] Rymashevskii NV, et al. **Akush Ginekol (Mosk)** 1985 May;(5):62-3 **(Rus)**

PSYCHOLOGY

Psychological implications of recent developments in peripartum care. Stotland NL. **Adv Psychosom Med** 1985; 12:91-104

A test of a common assumption regarding the use of antenatal training during labour. Copstick S, et al. **J Psychosom Res** 1985;29(2):215-8

What is, must be best: a research note on conservative or deferential responses to antenatal care provision. Porter M, et al. **Soc Sci Med** 1984;19(11):1197-200

[Psychological care of the pregnant woman] Gui YZ, et al. **Chung Hua Hu Li Tsa Chih** 1985 Feb;20(1):3-4 **(Chi)**

[Consequences of family oriented obstetrics] Wimmer-Puchinger B. **Zentralbl Gynakol** 1985; 107(13):785-92 (Eng. Abstr.) **(Ger)**

[Psychoprophylaxis in labor--comparative studies] Zielonka U, et al. **Wiad Lek** 1985 Apr 15;38(8):561-6 (Eng. Abstr.) **(Pol)**

STANDARDS

Assessing quality of obstetric care [letter] Golding J, et al. **Lancet** 1984 Nov 10;2(8411):1097

Adverse outcome of pregnancy and the quality of obstetric care. Niswander K, et al. **Lancet** 1984 Oct 13; 2(8407):827-31

TRENDS

[Natural childbirth in the ecology of reproduction] Fijałkowski W. **Ginekol Pol** 1984 Dec;55(12):925-30 (Eng. Abstr.) **(Pol)**

[Visit of a pediatrician to France: problems of children handicapped since birth] Stołyhwo-Suchanek A. **Pol Tyg Lek** 1985 Mar 4;40(9):279-82 **(Pol)**

PRENATAL DIAGNOSIS

Acceptance of prenatal diagnosis in families referred for genetic counseling. Mazurczak T, et al. **Acta Anthropogenet** 1983;7(4):383-9

Prenatal diagnosis of a thyroglobulin synthesis defect in goats. Kok K, et al. **Acta Endocrinol (Copenh)** 1985 Sep; 110(1):83-9

Who declines from antenatal serum alpha-fetoprotein screening--and why? Berne-Fromell K, et al. **Acta Obstet Gynecol Scand** 1984;63(8):687-91

Intra-uterine diagnosis of an acardiac monster. Rydnert J, et al. **Acta Obstet Gynecol Scand** 1984;63(6):569-70

An acardiac acephalic anomaly detected on sonography. Wexler S, et al. **Acta Obstet Gynecol Scand** 1985;64(1):93-4

Antenatally diagnosed hygroma colli. Tóth Z, et al. **Acta Paediatr Hung** 1984;25(4):333-8

Prenatal diagnosis of urinary tract malformations. Broyer M, et al. **Adv Nephrol** 1985;14:21-38

Sonographic detection of fetal ureteral obstruction. Montana MA, et al. **AJR** 1985 Sep;145(3):595-6

In utero sonographic recognition of diastematomyelia. Williams RA, et al. **AJR** 1985 Jan;144(1):87-8

Evaluation of fetal well-being by ultrasonography. Wade RV. **Ala J Med Sci** 1985 Jan;22(1):30-3 (14 ref.)

Incidence and significance of supernumerary marker chromosomes in prenatal diagnosis. Benn PA, et al. **Am J Hum Genet** 1984 Sep;36(5):1092-102

The use of multiple restriction fragment length polymorphisms in prenatal risk estimation. I. X-linked diseases. Clark AG. **Am J Hum Genet** 1985 Jan;37(1):60-72

DNA analysis of first-trimester chorionic villous biopsies: test for maternal contamination. de Martinville B, et al. **Am J Hum Genet** 1984 Nov;36(6):1357-68

First-trimester prenatal diagnosis of Tay-Sachs disease. Grabowski GA, et al. **Am J Hum Genet** 1984 Nov; 36(6):1369-78

First-trimester prenatal diagnosis of mucolipidosis II (I-cell disease) by chorionic biopsy. Poenaru L, et al. **Am J Hum Genet** 1984 Nov;36(6):1379-85

Prenatal diagnosis and fetal pathology of aspartylglucosaminuria. Aula P, et al. **Am J Med Genet** 1984 Oct;19(2):359-67

The centralized prenatal genetics screening program of New York City III: The first 7,000 cases. Benn PA, et al. **Am J Med Genet** 1985 Feb;20(2):369-84

Plasma/serum myoglobin in prenatal diagnosis of Duchenne muscular dystrophy [letter] Edwards RJ, et al. **Am J Med Genet** 1985 Jul;21(3):605-10

Prenatal diagnosis of Weyers syndrome (deficient ulnar and fibular rays with bilateral hydronephrosis). Elejalde BR, et al. **Am J Med Genet** 1985 Jul;21(3):439-44

Nuchal cysts syndromes: etiology, pathogenesis, and prenatal diagnosis. Elejalde BR, et al. **Am J Med Genet** 1985 Jul; 21(3):417-32

Prenatal diagnosis of Jeune syndrome. Elejalde BR, et al. **Am J Med Genet** 1985 Jul;21(3):433-8

Prenatal diagnosis of persistent common cloaca with prune belly and anencephaly in the second trimester. Holzgreve W. **Am J Med Genet** 1985 Apr;20(4):729-32

Prenatal diagnosis of Pena-Shokeir syndrome type 1. MacMillan RH, et al. **Am J Med Genet** 1985 Jun; 21(2):279-84

Marker chromosomes: cytogenetic characterization and implications for prenatal diagnosis. Mohandas T, et al. **Am J Med Genet** 1985 Feb;20(2):361-8

A prenatally detected inv dup(15). Pecile V, et al. **Am J Med Genet** 1984 Aug;18(4):751-3

Prenatal diagnosis and management of congenital heart defect: significance of associated fetal anomalies and prenatal chromosome studies. Wladimiroff JW, et al. **Am J Med Genet** 1985 Jun;21(2):285-90

Sonographic sign for the detection of early fetal ascites in the management of severe isoimmune disease without intrauterine transfusion. Benacerraf BR, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1039-41

Sonographic diagnosis of Down syndrome in the second trimester. Benacerraf BR, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):49-52

Use of atropine to differentiate normoxic from hypoxic bradycardia [letter] Brand E. **Am J Obstet Gynecol** 1985 Jan 1;151(1):142-3

Lung hypoplasia and prolonged preterm ruptured membranes: a case report with implications for possible prenatal ultrasonic diagnosis. Callan NA, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):756-7

Diagnosis of trisomy 21 by chorionic villus biopsy. Chatterjee M, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):319

The natural history of ventriculomegaly in a fetus without obstructive hydrocephalus. Chervenak FA, et al. **Am J Obstet Gynecol** 1985 Jul 1;152(5):574-5

The role of ultrasound in the aggressive management of obstructed labor secondary to fetal malformations. Clark SL, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1042-4

Treatment of placental vasculature with a neodymium-yttrium-aluminum-garnet laser via fetoscopy. DeLia JE, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1126-7

Maternal furosemide may not provoke urine production in the compromised fetus. Harman CR. **Am J Obstet Gynecol** 1984 Oct 1;150(3):322-3

Maternal serum alpha-fetoprotein screening of fetal trisomies. Hershey DW, et al. **Am J Obstet Gynecol** 1985 Sep 15;153(2):224-5

Use of femur length in estimation of fetal weight. Hill LM, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):847-52

Prenatal detection of congenital malformations by ultrasonography: Mayo Clinic experience. Hill LM, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):44-50 (47 ref.)

Antenatal sonographic diagnosis of conjoined twins in a triplet pregnancy. Koontz WL, et al. **Am J Obstet Gynecol** 1985 Sep 15;153(2):230-1

The first-trimester ultrasonographic diagnosis of conjoined twins. Maggio M, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):833-5

The amniotic band syndrome: antenatal sonographic diagnosis and potential pitfalls. Mahony BS, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):63-8

Application of Doppler echocardiography in the assessment of fetal cardiac disease. Maulik D, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):951-7

Prenatal diagnosis and treatment of fetal thyrotoxicosis. Pekonen F, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):893-4

Diagnostic tests in obstetrics: a method for improved evaluation. Richardson DK, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):613-8

The diagnosis of congenital renal anomalies with ultrasound. II. Infantile polycystic kidney disease. Romero R, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):259-62

Predictive value, sensitivity, and specificity of ultrasonic targeted imaging for fetal anomalies in gravid women at high risk for birth defects. Sabbagha RE, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):822-7

Prenatal screening for hemoglobinopathies [letter] Smith JA. **Am J Obstet Gynecol** 1985 Jul 1;152(5):604

Complete heart block in a fetus associated with maternal Sjögren's syndrome. Veille JC, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):660-1

Use of sonographic estimated fetal weight in the prediction of intrauterine growth retardation. Chervenak FA, et al. **Am J Perinatol** 1984 Jul;1(4):298-301

Twin pregnancy: routine use of ultrasound examinations in the prenatal diagnosis of intrauterine growth retardation and discordant growth. Chitkara U, et al. **Am J Perinatol** 1985 Jan;2(1):49-54

An important clinical approach in detecting the fragile X syndrome [editorial] Milunsky A. **Am J Public Health** 1985 Jul;75(7):715-6

Prenatal diagnosis of congenital anomalies requiring surgical correction. Implications for the future. Dibbins AW, et al. **Am J Surg** 1985 Apr;149(4):528-33

Approach to the foetus with congenital hydronephrosis. Kramer SA, et al. **Ann Acad Med Singapore** 1984 Oct;13(4):565-70

Antenatal diagnosis of thalassemia: a review. Alter BP. **Ann NY Acad Sci** 1985;445:393-407 (17 ref.)

Antenatal diagnosis of thalassemia major in Sardinia. Cao A, et al. **Ann NY Acad Sci** 1985;445:380-92

Prenatal diagnosis of thalassemia and Hb S syndromes in Greece: an evaluation of 1500 cases. Loukopoulos D, et al. **Ann NY Acad Sci** 1985;445:357-75

First trimester diagnosis of the hemoglobin disorders. Old JM, et al. **Ann NY Acad Sci** 1985;445:349-56

Toward providing parents the option of avoiding the birth of the first child with Cooley's anemia: response to hemoglobinopathy screening and counseling during pregnancy. Rowley PT, et al. **Ann NY Acad Sci** 1985;445:408-16

Urological diagnosis in utero [letter] Roodhooft AM, et al. **Arch Dis Child** 1985 Apr;60(4):398-9

Urological diagnosis in utero. Thomas DF. **Arch Dis Child** 1984 Oct;59(10):913-5

Management of fetal urinary tract anomalies detected by prenatal ultrasonography. Turnock RR, et al. **Arch Dis Child** 1984 Oct;59(10):962-5

Prenatal ultrasonographic diagnosis of holoprosencephaly. Two cases of cebocephaly and two of cyclopia. Schinzel A, et al. **Arch Gynecol** 1984;236(1):47-53

Direct fetal blood examination for prenatal diagnosis of homozygous familial hypercholesterolemia. de Gennes JL, et al. **Arteriosclerosis** 1985 Sep-Oct;5(5):440-2

Prenatal diagnosis and obstetric management of thanatophoric dwarfism. Ghosh A, et al. **Asia Oceania J Obstet Gynaecol** 1984 Sep;10(3):305-9

Early prenatal diagnosis of inborn error of metabolism: a case report of a fetus affected with Fabry's disease. Tsutsumi O, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):39-45

Prenatal diagnosis by fetoscopy and chorion biopsy. Rodeck CH. **Aust NZ J Obstet Gynaecol** 1984 May;24(2):86-90

Counseling dilemmas in the prenatal diagnosis of 45,XO/46,XX mosaicism. Hager J, et al. **Birth Defects** 1984;20(6):197-200

The fetus as a patient: some preliminary data from the first year of a fetal medicine and surgery program. Matthews AL, et al. **Birth Defects** 1984;20(6):192-6

Prenatal diagnosis of classic hemophilia (hemophilia A) by immunoradiometric assays. Hoyer LW, et al. **Blood** 1985 Jun;65(6):1312-7

Diagnostic ultrasound imaging in pregnancy: consensus conference. **Bol Asoc Med PR** 1984 Sep;76(9):397-400

Echocardiographic and anatomical correlations in fetal congenital heart disease. Allan LD, et al. **Br Heart J** 1984 Nov;52(5):542-8

Prenatal diagnosis and variable presentation of recessive X-linked ichthyosis. Honour JW, et al. **Br J Dermatol** 1985 Apr;112(4):423-30

Antenatal PLA1 typing and detection of GP IIb-IIIa complex [letter] Kaplan C, et al. **Br J Haematol** 1985 Jul;60(3):586-8

The predictive value of three pregnancy-associated proteins in the detection of the light-for-dates baby. Pledger DR, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):870-4

Antenatal diagnosis of omphalocele and planned primary closure at birth. Case reports. Tan HL, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):768-71

Ratio of amniotic fluid acetylcholinesterase to pseudocholinesterase as an antenatal diagnostic test for exomphalos and gastroschisis. Wald NJ, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):882-4

Importance of surgical consultation after ultrasonic diagnosis [letter] Brereton RJ. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1618-9

Screening for Down's syndrome using serum alpha fetoprotein [letter] Cuckle HS, et al. **Br Med J [Clin Res]** 1985 Aug 3;291(6491):349

Screening for neural tube defects [letter] Goodman JD, et al. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):791-2

Importance of neurosurgical consultation after ultrasonic diagnosis of fetal hydrocephalus. Murphy S, et al. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1212-3

Amniotic fluid acetylcholinesterase activity and alpha-fetoprotein in chromosomal anomalies and neural tube defects. Buamah PK, et al. **Clin Chem** 1985 Apr;31(4):614-5

Comparison of two methods for amniotic fluid cholinesterases identification in the qualitative test for prenatal diagnosis of neural tube defects. Jeziorowska A, et al. **Clin Chim Acta** 1984 Nov 30;143(3):315-20

Simple and rapid control of chorion biopsy in first trimester antenatal diagnosis. Ghirardini G, et al. **Clin Exp Obstet Gynecol** 1985;12(1-2):43-4

Ethical aspects of medical genetics. A proposal for guidelines in genetic counseling, prenatal diagnosis and screening. Fletcher JC, et al. **Clin Genet** 1985 Feb;27(2):199-205

Antenatal diagnosis of infantile Refsum's disease [letter] Poll-The BT, et al. **Clin Genet** 1985 May;27(5):524-6

Ultrasound evaluation of a gravid uterus, large for dates. Lockard JW Jr, et al. **Del Med J** 1985 Feb;57(2):91-3

The value of an auditory stimulatory test in antenatal fetal cardiotocography. Davey DA, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Dec;18(5-6):273-7

The antenatal diagnosis of Potter syndrome (Potter sequence). A lethal and not-so-rare malformation. Dicker D, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Sep;18(1-2):17-24

Diagnostic fetal blood sampling for the haemoglobinopathies—10-year experience. Kanokpongsukdi S, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jul;20(1):35-41

Case report. Intra-uterine demonstration of bowel duplication by ultrasound. van Dam LJ, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Nov;18(4):229-32

Antenatal ultrasound diagnosis of fetal malformations: possibilities, limitations and dilemmas. Vandenberghe K, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Dec;18(5-6):279-97

Prenatal diagnosis of chorioangioma associated with polyhydramnios using ultrasound. van Wering JH, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Apr;19(4):255-9

Prenatal diagnosis of a probable hereditary syndrome with holoprosencephaly, hydrocephaly, octodactyly, and cardiac malformations. Grote W, et al. **Eur J Pediatr** 1984 Dec;143(2):155-7

The limitations of ultrasonography in the antenatal diagnosis of congenital cerebral malformations. Loong EP, et al. **Gynecol Obstet Invest** 1985;19(3):166-8

Maternal metaphases on direct chromosome preparation of first trimester decidua. Blakemore KJ, et al. **Hum Genet** 1985;69(4):380

First trimester prenatal diagnosis of adrenoleukodystrophy by determination of very long chain fatty acid levels and by linkage analysis to a DNA probe. Boué J, et al. **Hum Genet** 1985;69(3):272-4

On the significance of true trisomy 20 mosaicism in amniotic fluid culture. Djalali M, et al. **Hum Genet** 1985;69(4):321-6

Lysosomal hydrolase activity in chorionic villi and embryonic cells in culture. Poenaru L, et al. **Hum Genet** 1985;69(4):378-9

Psychological issues in genetic counselling. Reif M, et al. **Hum Genet** 1985;70(3):193-9 (30 ref.)

Prenatal detection of an unstable ring 21 chromosome. Stetten G, et al. **Hum Genet** 1984;68(4):310-3

Fetal cerebrohepatorenal (Zellweger) syndrome: dysmorphic, radiologic, biochemical, and pathologic findings in four affected fetuses. Powers JM, et al. **Hum Pathol** 1985 Jun;16(6):610-20

Ultrasonic screening for intrauterine growth retardation. Kumari CK, et al. **Indian Pediatr** 1984 Dec;21(12):955-62

Diagnostic ultrasound imaging in pregnancy. A National Institutes of Health consensus report synopsis. Ragan WD. **Indiana Med** 1984 Oct;77(10):788

Sonographic identification of the fetus with a major structural congenital defect—a brief review. Chamberlain PF. **Ir Med J** 1985 Jun;78(6):170-2

Chorion villi biopsy. Leiberman JR, et al. **Isr J Med Sci** 1985 May;21(5):473-5

Left atrial isomerism associated with asplenia: prenatal echocardiographic detection of complex congenital cardiac malformations. Stewart PA, et al. **J Am Coll Cardiol** 1984 Nov;4(5):1015-20

MR imaging of cerebral abnormalities in utero. Thickman D, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1058-61

Glutaric aciduria type II: biochemical investigation and treatment of a child diagnosed prenatally. Bennett MJ, et al. **J Inherited Metab Dis** 1984;7(2):57-61

Experience with prenatal diagnosis of propionic acidaemia and methylmalonic aciduria. Fensom AH, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:127-8

Beta-mannosidosis: prenatal biochemical and morphological characteristics. Jones MZ, et al. **J Inherited Metab Dis** 1984;7(2):80-5

The antenatal diagnosis and aid to the management of hereditary tyrosinaemia by use of a specific and sensitive GC-MS assay for succinylacetone. Pettit BR, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:135-6

The possibility for prenatal diagnosis of PKU by linkage analyses based on phenylalanine hydroxylase locus specific DNA-polymorphisms. Woo SL, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:139-40

Hygroma cervicis associated with Turner's syndrome: antenatal diagnosis and management. Korndorffer FA, et al. **J La State Med Soc** 1984 Sep;136(9):37-8

First trimester fetal diagnosis of genetic disorders: clinical evaluation of 250 cases. Brambati B, et al. **J Med Genet** 1985 Apr;22(2):92-9

Triose phosphate isomerase deficiency: prenatal diagnosis. Clark AC, et al. **J Pediatr** 1985 Mar;106(3):417-20

Ultrasonographic antenatal diagnosis: will it change the spectrum of neonatal surgery? Gauderer MW, et al. **J Pediatr Surg** 1984 Aug;19(4):404-7

Prenatal diagnosis and natural history of the fetus with a congenital diaphragmatic hernia: initial clinical experience. Nakayama DK, et al. **J Pediatr Surg** 1985 Apr;20(2):118-24

Management of the fetus with an abdominal wall defect. Nakayama DK, et al. **J Pediatr Surg** 1984 Aug;19(4):408-13

Ultrasonic patterns of a cardiac rhabdomyoma detected in utero. Di Lollo L, et al. **J Perinat Med** 1984;12(6):339-42

Ultrasound diagnosis and perinatal management of fetal genito-urinary abnormalities. Kurjak A, et al. **J Perinat Med** 1984;12(6):291-312 (52 ref.)

Ultrasound diagnosis and management of fetal intestinal obstruction and volvulus in utero. Samuel N, et al. **J Perinat Med** 1984;12(6):333-7

The role of prenatal diagnosis in the perinatal management of urinary tract abnormalities. Selvaggi L, et al. **J Perinat Med** 1985;13(2):79-85

Twin gestation. Antenatal diagnosis and perinatal outcome in 385 consecutive pregnancies. Chervenak FA, et al. **J Reprod Med** 1984 Oct;29(10):727-30

Umbilical vein thrombosis: sonographic detection in utero. Abrams SL, et al. **J Ultrasound Med** 1985 Jun;4(6):283-5

An algorithm for prenatal ultrasound diagnosis of congenital CNS abnormalities. Carrasco CR, et al. **J Ultrasound Med** 1985 Apr;4(4):163-8

Sonographic findings in otocephaly (synotia). Cayea PD, et al. **J Ultrasound Med** 1985 Jul;4(7):377-9

Antenatal sonographic diagnosis of clubfoot. Chervenak FA, et al. **J Ultrasound Med** 1985 Jan;4(1):49-50

Prenatal ultrasound diagnosis of ambiguous genitalia. Cooper C, et al. **J Ultrasound Med** 1985 Aug;4(8):433-6

Antenatal diagnosis of hydrometrocolpos by ultrasound examination. Davis GH, et al. **J Ultrasound Med** 1984 Aug;3(8):371-4

The echocardiographic diagnosis of multiple fetal cardiac tumors. Dennis MA, et al. **J Ultrasound Med** 1985 Jun;4(6):327-9

The use of the abdominal circumference as a means of assessing M-mode ventricular dimensions during the second and third trimesters of pregnancy in the normal human fetus. DeVore GR, et al. **J Ultrasound Med** 1985 Apr;4(4):175-82

Ultrasonographic antenatal demonstration of primary megaureters. Dunn V, et al. **J Ultrasound Med** 1985 Feb;4(2):101-3

Antenatal diagnosis of ipsilateral multicystic kidney in identical twins. Filion R, et al. **J Ultrasound Med** 1985 Apr;4(4):211-2

Spontaneous intrauterine resolution of intraventricular cystic masses. Friday RO, et al. **J Ultrasound Med** 1985 Jul; 4(7):385-6

Congenital short femur: prenatal sonographic diagnosis. Graham M. **J Ultrasound Med** 1985 Jul;4(7):361-3

In utero diagnosis of crossed renal ectopia using high-resolution real-time ultrasound. Greenblatt AM, et al. **J Ultrasound Med** 1985 Feb;4(2):105-7

Sonography, a complementary examination to alpha-fetoprotein testing for fetal neural tube defects. Hashimoto BE, et al. **J Ultrasound Med** 1985 Jun; 4(6):307-10

Sonographic detection of fetal hydrometrocolpos. Hill SJ, et al. **J Ultrasound Med** 1985 Jun;4(6):323-5

In utero sonographic diagnosis of intracerebral hemorrhage. Mintz MC, et al. **J Ultrasound Med** 1985 Jul;4(7):375-6

Fibroadhesive meconium peritonitis: in utero sonographic diagnosis. Nancarrow PA, et al. **J Ultrasound Med** 1985 Apr;4(4):213-5

Neonatal renal tumor with polyhydramnios. Romano WL. **J Ultrasound Med** 1984 Oct;3(10):475-6

Birth weights of fetuses exposed to diagnostic ultrasound. Smith CB. **J Ultrasound Med** 1984 Sep;3(9):395-6

The natural history of prenatal hydronephrosis with normal amounts of amniotic fluid. Hellstrom WJ, et al. **J Urol** 1984 Nov;132(5):947-50

Achondrogenesis type I: ultrasound diagnosis in utero. Benacerraf B, et al. **JCU** 1984 Jul-Aug;12(6):357-9

Mid-trimester fetal thoracentesis. Benacerraf BR, et al. **JCU** 1985 Mar-Apr;13(3):202-4

Sonographic differentiation between the multicystic dysplastic kidney and the ureteropelvic junction obstruction in utero using high resolution real-time scanners employing digital detection. Beretsky I, et al. **JCU** 1984 Sep;12(7):429-33

A sonographic study of fetal cystic hygromas. Chervenak FA, et al. **JCU** 1985 Jun;13(5):311-5

Doppler blood velocity waveforms in the umbilical artery as an indicator of fetal well-being. Friedman DM, et al. **JCU** 1985 Mar-Apr;13(3):161-5

In utero sonographic diagnosis of achondrogenesis. Glenn LW, et al. **JCU** 1985 Mar-Apr;13(3):195-8

Fetal echocardiography: a pediatric cardiologist's perspective. Gutgesell HP. **JCU** 1985 May;13(4):227-8

Pulsed Doppler fetal echocardiography. Huhta JC, et al. **JCU** 1985 May;13(4):247-54

The antenatal sonographic features of megacystis-microcolon-intestinal hypoperistalsis syndrome. Manco LG, et al. **JCU** 1984 Nov-Dec; 12(9):595-8

Prenatal ultrasonic diagnosis of short-rib polydactyly syndrome (SRPS) type III: a case report and a proposed approach to the diagnosis of SRPS and related conditions. Meizner I, et al. **JCU** 1985 May;13(4):284-7

In utero prenatal diagnosis of fetal facial tumor-hemangioma. Meizner I, et al. **JCU** 1985 Jul-Aug;13(6):435-7

The differential prenatal diagnosis of cystic hygromata and encephalocele by ultrasound examination. Pearce JM, et al. **JCU** 1985 Jun;13(5):317-20

Fetal hydronephrosis and polyhydramnios associated with vesico-ureteral reflux. Philipson EH, et al. **JCU** 1984 Nov-Dec;12(9):585-7

Ultrasound appearance of a glioblastoma in a 33-week fetus in utero. Riboni G, et al. **JCU** 1985 Jun;13(5):345-6

Prenatal diagnosis of septated ovarian cysts. Sandler MA, et al. **JCU** 1985 Jan;13(1):55-7

Prenatal diagnosis of fetal arrhythmias: a new echocardiographic technique. Shapiro I, et al. **JCU** 1984 Jul-Aug;12(6):369-72

Recognition of fetal arrhythmias by echocardiography. Silverman NH, et al. **JCU** 1985 May;13(4):255-63

Congenital diaphragmatic hernia: antenatal diagnosis and obstetrical management. Stiller RJ, et al. **JCU** 1985 Mar-Apr;13(3):212-5

Neonatal ovarian cyst diagnosed antenatally: report of two patients. Suita S, et al. **JCU** 1984 Oct;12(8):517-9

Prenatal diagnosis in cystic fibrosis [editorial] **Lancet** 1985 May 25;1(8439):1199

Prospective screening for Down syndrome using maternal serum AFP [letter] **Lancet** 1985 Jun 1;1(8440):1280-1

Chorionic villus sampling [letter] **Lancet** 1985 Jun 1; 1(8440):1269-70

Fetal chromosome abnormalities [editorial] **Lancet** 1984 Dec 22;2(8417-18):1438-9

Low maternal serum alpha-fetoprotein and Down syndrome [editorial] **Lancet** 1985 Feb 2;1(8423):259-60

Can first-trimester fetal diagnosis be reliably evaluated? [editorial] **Lancet** 1985 Mar 30;1(8431):735-6

When ultrasound shows fetal abnormality [editorial] **Lancet** 1985 Mar 16;1(8429):618-9

Prenatal diagnosis of haemophilia A by factor VIII gene analysis. Antonarakis SE, et al. **Lancet** 1985 Jun 22; 1(8443):1407-9

Prenatal diagnosis and carrier detection of Duchenne muscular dystrophy with closely linked RFLPs. Bakker E, et al. **Lancet** 1985 Mar 23;1(8430):655-8

Diagnostic ultrasound in pregnancy [letter] Bakketeig LS, et al. **Lancet** 1984 Sep 29;2(8405):744

Prenatal diagnosis of cystic fibrosis [letter] Boué A, et al. **Lancet** 1985 Jul 6;2(8445):47-8

Prospective prenatal diagnosis of cystic fibrosis. Brock DJ, et al. **Lancet** 1985 May 25;1(8439):1175-8

Prenatal diagnosis for alpha 1-antitrypsin deficiency [letter] Cox DW, et al. **Lancet** 1985 Jan 26;1(8422):230

Prenatal diagnosis of congenital toxoplasmosis. Desmonts G, et al. **Lancet** 1985 Mar 2;1(8427):500-4

Factor VIII gene specific probe for prenatal diagnosis of haemophilia A [letter] Din N, et al. **Lancet** 1985 Jun 22; 1(8443):1446-7

Prenatal diagnosis of cystic fibrosis [letter] Giles PD. **Lancet** 1985 Jul 27;2(8448):214-5

Culturing trophoblast from peripheral blood [letter] Goodfellow CF, et al. **Lancet** 1984 Dec 22;2(8417-18):1479

Dilemmas after ultrasonic diagnosis of fetal abnormality. Griffiths DM, et al. **Lancet** 1985 Mar 16;1(8429):623-4

Prenatal diagnosis of Duchenne dystrophy [letter] Harper PS, et al. **Lancet** 1985 Apr 13;1(8433):872

Chorion biopsy for prenatal testing in Hunter's syndrome [letter] Harper PS, et al. **Lancet** 1984 Oct 6;2(8406):812-3

Possibilities for treatment and for early prenatal diagnosis of hereditary tyrosinaemia [letter] Holme E, et al. **Lancet** 1985 Mar 2;1(8427):527

Diagnosis of haemoglobinopathy using cultured chorionic villus cells [letter] Horwell DH, et al. **Lancet** 1985 Sep 14;2(8455):613-4

Place of amniotic fluid AFP in prenatal diagnosis of trisomies [letter] Hullin DA, et al. **Lancet** 1985 Sep 21;2(8456):662

Antenatal diagnosis of surgical disorders by ultrasonography. Hutson JM, et al. **Lancet** 1985 Mar 16;1(8429):621-3

Correction formula for maternal serum alpha-fetoprotein [letter] Johnson AM, et al. **Lancet** 1984 Oct 6;2(8406):812

First-trimester (chorion biopsy) diagnosis of citrullinaemia and methylmalonicaciduria [letter] Kleijer WJ, et al. **Lancet** 1984 Dec 8;2(8415):1340

Prenatal diagnosis of Cockayne's syndrome. Lehmann AR, et al. **Lancet** 1985 Mar 2;1(8427):486-8

Prenatal diagnosis of classic phenylketonuria by DNA analysis. Lidsky AS, et al. **Lancet** 1985 Mar 9; 1(8428):549-51

Prenatal diagnosis of cystic fibrosis [letter] Mastella G, et al. **Lancet** 1985 Sep 7;2(8454):554

Effect of fetal diagnostic testing on birth-rate of thalassaemia major in Britain. Modell B, et al. **Lancet** 1984 Dec 15; 2(8416):1383-6

Chorionic villus sampling. Evaluating safety and efficacy. Modell B. **Lancet** 1985 Mar 30;1(8431):737-40

Chorion biopsy, cytogenetic diagnosis, and selective termination in a twin pregnancy at risk of haemophilia [letter] Mulcahy MT, et al. **Lancet** 1984 Oct 13; 2(8407):866-7

Acetylcholinesterase immunoassays in detection on neural-tube defects [letter] Nørgaard Pedersen B, et al. **Lancet** 1985 Mar 23;1(8430):691-2

Prenatal screening for cystic fibrosis [letter] Norman AP. **Lancet** 1985 Aug 17;2(8451):391

Prenatal exclusion of ornithine transcarbamylase deficiency by direct gene analysis. Old JM, et al. **Lancet** 1985 Jan 12;1(8420):73-5

Early prenatal diagnosis of hereditary tyrosinaemia [letter] Pettit BR, et al. **Lancet** 1985 May 4;1(8436):1038

Prenatal vitamin B12 therapy of a fetus with methylcobalamin deficiency (cobalamin E disease). Rosenblatt DS, et al. **Lancet** 1985 May 18;1(8438):1127-9

A simple sensitive prenatal test for hydrops fetalis caused by alpha-thalassaemia. Rubin EM, et al. **Lancet** 1985 Jan 12;1(8420):75-7

Prenatal detection of Zellweger syndrome [letter] Schutgens RB, et al. **Lancet** 1984 Dec 8;2(8415):1339-40

Cystic fibrosis research [letter] Scully B. **Lancet** 1985 Jul 27;2(8448):215

Prenatal diagnosis of testicular feminisation [letter] Stephens JD. **Lancet** 1984 Nov 3;2(8410):1038

Feasibility of prenatal diagnosis of beta-thalassaemia with synthetic DNA probes in two Mediterranean populations. Thein SL, et al. **Lancet** 1985 Aug 17;2(8451):345-7

First trimester prenatal diagnosis of a male fetus with fragile X [letter] Tommerup N, et al. **Lancet** 1985 Apr 13; 1(8433):870

Measurement of copper in chorionic villi for first-trimester diagnosis of Menkes' disease [letter] Tønnesen T, et al. **Lancet** 1985 May 4;1(8436):1038-9

Exclusion of haemophilia B in male fetus by chorionic villus biopsy [letter] Tønnesen T, et al. **Lancet** 1984 Oct 20; 2(8408):932

X-chromosome-specific probe DX13 for carrier detection and first trimester prenatal diagnosis in haemophilia A [letter] Tønnesen T, et al. **Lancet** 1984 Dec 1; 2(8414):1269-70

A new DNA polymorphism for prenatal diagnosis of beta-thalassaemia in Mediterranean populations. Wainscoat JS, et al. **Lancet** 1984 Dec 8;2(8415):1299-301

Alpha-globin gene organisation and prenatal diagnosis of alpha-thalassaemia in Chinese. Zeng YT, et al. **Lancet** 1985 Feb 9;1(8424):304-7

Prenatal cytogenetic diagnosis: medical and social implications. Indications, acceptance by doctors and patients, impact and cost: a 10-year review. Bell JA, et al. **Med J Aust** 1985 Jul 22;143(2):76-9

Prenatal cytogenetic diagnosis: some potential legal implications. Gerber P, et al. **Med J Aust** 1985 Jul 22; 143(2):80-3

Prenatal genetic diagnosis [editorial] Jones WR. **Med J Aust** 1985 Jul 22;143(2):55

Social implications of prenatal cytogenetic diagnosis [editorial] Poidevin LO. **Med J Aust** 1985 Jul 22; 143(2):55-6

Antenatal diagnosis of the haemoglobin disorders by analysis of foetal DNA. Weatherall DJ, et al. **Mol Biol Med** 1983 Jul;1(1):151-5

Prenatal diagnosis of 5,10-methylenetetrahydrofolate reductase deficiency [letter] Christensen E, et al. **N Engl J Med** 1985 Jul 4;313(1):50-1

Prenatal diagnosis of Zellweger cerebrohepatorenal syndrome [letter] Hajra AK, et al. **N Engl J Med** 1985 Feb 14;312(7):445-6

Prenatal diagnosis of congenital heart defects in thoracoabdominally conjoined twins. Sanders SP, et al. **N Engl J Med** 1985 Aug 8;313(6):370-4

Placental diagnosis of the 'bare lymphocyte' syndrome [letter] Schuurman HJ, et al. **N Engl J Med** 1985 Sep 19; 313(12):757

New aid to human gene mapping [news] Caskey CT. **Nature** 1985 Mar 7-13;314(6006):19

Stillbirth after nonstress testing. Barss VA, et al. **Obstet Gynecol** 1985 Apr;65(4):541-4

Diagnosis and management of fetal holoprosencephaly. Chervenak FA, et al. **Obstet Gynecol** 1985 Sep;66(3):322-6

Diagnosis of ventriculomegaly before fetal viability. Chervenak FA, et al. **Obstet Gynecol** 1984 Nov;64(5):652-6

Sensitivity and specificity [letter] Creasy GN. **Obstet Gynecol** 1985 Feb;65(2):297

Correlation of ominous fetal heart rate patterns and brain-specific creatine kinase. Feldman RC, et al. **Obstet Gynecol** 1985 Apr;65(4):476-80

Significance of raised maternal serum alpha-fetoprotein in singleton pregnancies with normally formed fetuses. Hamilton MP, et al. **Obstet Gynecol** 1985 Apr;65(4):465-70

Prenatal detection of intraamniotic bands: implications and management. Herbert WN, et al. **Obstet Gynecol** 1985 Mar; 65(3 Suppl):36S-38S

Ultrasound signs in threatened abortion and their prognostic significance. Mantoni M. **Obstet Gynecol** 1985 Apr; 65(4):471-5

Meconium aspiration and fetal acidosis. Mitchell J, et al. **Obstet Gynecol** 1985 Mar;65(3):352-5

Ultrasound assessment of the postmature pregnancy. Moya F, et al. **Obstet Gynecol** 1985 Mar;65(3):319-22

Fetal neuroblastoma and catecholamine-induced maternal hypertension. Newton ER, et al. **Obstet Gynecol** 1985 Mar; 65(3 Suppl):49S-52S

Fetal femur length, neonatal crown-heel length, and screening for intrauterine growth retardation. Ott WJ. **Obstet Gynecol** 1985 Apr;65(4):460-4

Estimation of fetal weight during labor. Patterson RM. **Obstet Gynecol** 1985 Mar;65(3):330-2

Impaired fetal growth: ultrasonic evaluation and clinical management. Seeds JW. **Obstet Gynecol** 1984 Oct; 64(4):577-84 (51 ref.)

Influence of gestational age on prediction of fetal lung maturity by fluorescence polarization of amniotic fluid. Simon NV, et al. **Obstet Gynecol** 1985 Mar;65(3):346-51

Karyotyping from uncultured human trophoblast in the first trimester of pregnancy. Szabó J, et al. **Obstet Gynecol** 1984 Dec;64(6):807-10

Fetal atrial flutter and X-linked dominant vitamin D-resistant rickets. Vintzileos AM, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):39S-44S

Recent advances in prenatal diagnosis and treatment. Adzick NS, et al. **Pediatr Clin North Am** 1985 Oct;32(5):1103-16 (41 ref.)

Annotated bibliography: chorionic villus biopsy and diagnosis of inherited diseases using recombinant DNA analysis. Applegarth DA, et al. **Pediatr Pathol** 1984; 2(4):501-2

Antenatal diagnosis of cystic adenomatoid malformation: effect on patient management. Claiborne AK, et al. **Pediatr Radiol** 1985;15(5):337-9

Sonographic findings in cephalothoracopagus-conjoined twins. Preziosi P, et al. **Pediatr Radiol** 1984;14(6):453-4

Correction of gamma-glutamyl transpeptidase deficiency in amniotic fluid of some cystic fibrosis fetuses by mixing with nondeficient fluids. Ben-Yoseph Y, et al. **Pediatr Res** 1984 Dec;18(12):1340-3

Prenatal diagnosis of hereditary tyrosinemia by determination of fumarylacetoacetase in cultured amniotic fluid cells. Kvittingen EA, et al. **Pediatr Res** 1985 Apr;19(4):334-7

Antenatal sonographic diagnosis of fetal gastrointestinal malformations. Barss VA, et al. **Pediatrics** 1985 Sep; 76(3):445-9

Prenatal exclusion of xeroderma pigmentosum (XP-D) by amniotic cell analysis. Arase S, et al. **Photodermatol** 1985 Jun;2(3):181-3

Placental ultrasonographic biochemical and histochemical studies in human fetuses affected with Niemann-Pick disease type A. Schoenfeld A, et al. **Placenta** 1985 Jan-Feb; 6(1):33-43

Amniotic band disruption syndrome associated with elevated amniotic AFP and normal acetylcholinesterase gel test. Aitken DA, et al. **Prenat Diagn** 1984 Nov-Dec;4(6):443-6

Selective survival of only the healthy fetus following prenatal diagnosis of thalassaemia major in binovular twin gestation. Antsaklis A, et al. **Prenat Diagn** 1984 Jul-Aug;4(4):289-96

Temporal changes in the utilization of amniocentesis for prenatal diagnosis by women of advanced maternal age, 1976–1983. Baird PA, et al. **Prenat Diagn** 1985 May–Jun; 5(3):191–8

Amniotic band syndrome in second trimester associated with fetal malformations. Børlum KG. **Prenat Diagn** 1984 Jul–Aug;4(4):311–4

Prenatal diagnosis of cystic fibrosis. Brock DJ. **Prenat Diagn** 1985 Mar–Apr;5(2):93–5

Amniotic fluid microvillar enzyme activities in the early detection of fetal abnormalities. Brock DJ, et al. **Prenat Diagn** 1984 Jul–Aug;4(4):261–6

Creatine kinase estimation in pure fetal blood samples for the prenatal diagnosis of Duchenne muscular dystrophy. Edwards RJ, et al. **Prenat Diagn** 1984 Jul–Aug;4(4):267–77

Prenatal diagnosis of trisomy 10 p in a twin pregnancy. Farge P, et al. **Prenat Diagn** 1985 May–Jun;5(3):199–203

Psychological reactions to fetoscopy: a controlled study. Fava GA, et al. **Prenat Diagn** 1984 Nov–Dec;4(6):397–404

Microphthalmia--prenatal ultrasonic diagnosis: a case report. Feldman E, et al. **Prenat Diagn** 1985 May–Jun;5(3):205–7

Third trimester ultrasound diagnosis of intestinal atresia following clinical evidence of polyhydramnios. Filkins K, et al. **Prenat Diagn** 1985 May–Jun;5(3):215–20

Amniotic band syndrome causing fetal head deformity. Hughes RM, et al. **Prenat Diagn** 1984 Nov–Dec;4(6):447–50

Prenatal diagnosis of a 46,XX/47,XX, + 12 mosaic. Jensen PK, et al. **Prenat Diagn** 1984 Jul–Aug;4(4):307–9

Prenatal ultrasonic findings in congenital chloride diarrhoea. Kirkinen P, et al. **Prenat Diagn** 1984 Nov–Dec;4(6):457–61

Prenatal assessment of anterior abdominal wall defects and their prognosis. Mann L, et al. **Prenat Diagn** 1984 Nov–Dec;4(6):427–35

Cystic hygroma: prenatal diagnosis and genetic counselling. Marchese C, et al. **Prenat Diagn** 1985 May–Jun;5(3):221–7

Prenatal detection of the congenital nephrotic syndrome (Finnish type) by trehalase assay in amniotic fluid. Morin PR, et al. **Prenat Diagn** 1984 Jul–Aug;4(4):257–60

Sonographic diagnosis of thoracic gastroenteric cyst in utero. Newnham JP, et al. **Prenat Diagn** 1984 Nov–Dec; 4(6):467–71

Five cases of prenatally diagnosed sex chromosome mosaicism. Nocera G, et al. **Prenat Diagn** 1985 May–Jun; 5(3):169–74

Prenatal diagnosis of pyruvate carboxylase deficiency. Robinson BH, et al. **Prenat Diagn** 1985 Jan–Feb;5(1):67–71

Immunoreactive trypsin level in fetoscopically-obtained cord sera of second trimester fetuses. Ryley HC, et al. **Prenat Diagn** 1984 Jul–Aug;4(4):303–6

Tests appropriate for the prenatal diagnosis of ataxia telangiectasia. Schwartz S, et al. **Prenat Diagn** 1985 Jan–Feb;5(1):9–14

Potential for prenatal diagnosis of biotinidase deficiency [letter] Secor McVoy JR, et al. **Prenat Diagn** 1984 Jul–Aug; 4(4):317–8

Early prenatal sonographic appearance of rare thoraco-abdominal eventration. Seeds JW, et al. **Prenat Diagn** 1984 Nov–Dec;4(6):437–41

Pericentric inversion of the Y chromosome and prenatal diagnosis. Shapiro LR, et al. **Prenat Diagn** 1984 Nov–Dec; 4(6):463–5

S-100 protein in amniotic fluid of anencephalic fetuses. Sindic CJ, et al. **Prenat Diagn** 1984 Jul–Aug;4(4):297–302

The prenatal diagnosis of the cerebro-hepato-renal syndrome of Zellweger. Solish GI, et al. **Prenat Diagn** 1985 Jan–Feb; 5(1):27–34

First trimester diagnosis of Lesch-Nyhan syndrome: applications to other disorders of purine metabolism. Stout JT, et al. **Prenat Diagn** 1985 May–Jun;5(3):183–9

Definition of true and pseudo-mosaicism [letter] Suslak L, et al. **Prenat Diagn** 1985 Jan–Feb;5(1):91

A confirmed prenatal diagnosis of a female fetus with the fragile X chromosome [letter] Venter PA, et al. **Prenat Diagn** 1984 Nov–Dec;4(6):473–4

A case of partial sirenomelia and possible vitamin A teratogenesis. Von Lennep E, et al. **Prenat Diagn** 1985 Jan–Feb;5(1):35–40

Prenatal pleural effusion associated with congenital pulmonary lymphangiectasia. Wilson RH, et al. **Prenat Diagn** 1985 Jan–Feb;5(1):73–6

Prenatal diagnosis of campomelic dysplasia by ultrasonography. Winter R, et al. **Prenat Diagn** 1985 Jan–Feb;5(1):1–8

Failure to detect fetal obstructive uropathy by second trimester ultrasound. Wladimiroff JW, et al. **Prenat Diagn** 1985 Jan–Feb;5(1):41–6

Early prenatal diagnosis of congenital hypophosphatasia: case report. Wladimiroff JW, et al. **Prenat Diagn** 1985 Jan–Feb; 5(1):47–52

Prenatal diagnosis and screening: present and future. Brock DJ. **Prog Clin Biol Res** 1985;163A:107–26

Early diagnosis of fetal structural abnormalities. Campbell S, et al. **Prog Clin Biol Res** 1985;163B:187–205

Summary of the workshops on prenatal diagnosis. Campbell S. **Prog Clin Biol Res** 1985;163B:171–6

Ethical aspects of a controlled clinical trail of chorion biopsy approach to prenatal diagnosis. Fletcher JC. **Prog Clin Biol Res** 1985;177:213–48

Ethical aspects of medical genetics. A proposal for guidelines in genetic counseling, prenatal diagnosis and screening. Fletcher JC, et al. **Prog Clin Biol Res** 1985;177:511–23

Computerized cytogenetic data for prenatal diagnosis. Jackson LG, et al. **Prog Clin Biol Res** 1985;163C:345–6

The comparative value of prospective and retrospective fetal diagnosis in preventing inherited disease. Modell B. **Prog Clin Biol Res** 1985;163B:153–6

Fetoscopy. Perry TB. **Prog Clin Biol Res** 1985;163B:207–12

Prenatal diagnosis of congenital nephrosis. Rapola J. **Prog Clin Biol Res** 1985;163B:219–20

Recognition of jugular lymphatic obstruction sequence during obstetric scanning. Fowler J, et al. **Radiography** 1984 Nov–Dec;50(594):274–6

The development of fetal gallstones demonstrated by ultrasound. Heijne L, et al. **Radiography** 1985 May–Jun; 51(597):155–6

Congenital vertebral malformations: prenatal diagnosis using ultrasonography. Abrams SL, et al. **Radiology** 1985 Jun; 155(3):762

Curvature of the fetal femur: a normal sonographic finding. Abrams SL, et al. **Radiology** 1985 Aug;156(2):490

Prenatal ultrasound diagnosis of clubfoot. Benacerraf BR, et al. **Radiology** 1985 Apr;155(1):211–3

Normal fetal sacrum simulating spina bifida: 'pseudodysraphism'. Dennis MA, et al. **Radiology** 1985 Jun; 155(3):751–4

Amnionicity and chorionicity in twin pregnancies: prediction using ultrasound. Mahony BS, et al. **Radiology** 1985 Apr; 155(1):205–9

Fetal urethral obstruction: US evaluation. Mahony BS, et al. **Radiology** 1985 Oct;157(1):221–4

Prenatal sonographic diagnosis of Jeune syndrome. Schinzel A, et al. **Radiology** 1985 Mar;154(3):777–8

Getting consensus on ultrasound in pregnancy [editorial] **S Afr Med J** 1985 Apr 6;67(14):525–6

How many ultrasound examinations? [letter] Kennedy I. **S Afr Med J** 1985 Feb 16;67(7):238

Ultrasonic demonstration of fetal skeletal dysplasia. Case reports. Muller LM, et al. **S Afr Med J** 1985 Feb 9; 67(6):222–6

The antenatal ultrasonographic detection of the Holt-Oram syndrome. Muller LM, et al. **S Afr Med J** 1985 Aug 31; 68(5):313–5

Antenatal detection of a fetal ovarian cyst by real-time ultrasound. A case report. O'Hagan DB, et al. **S Afr Med J** 1985 Mar 23;67(12):471–3

The campomelic syndrome--prenatal ultrasound investigations. A case report. Slater CP, et al. **S Afr Med J** 1985 May 25;67(21):863–6

Prenatal diagnosis of cephalo-thoraco-pagus (conjoined twin) by ultrasound. Chew SC. **Singapore Med J** 1984 Aug; 25(4):248–50

Antenatal diagnosis of Turner's syndrome. Bluth EI, et al. **South Med J** 1984 Oct;77(10):1335–6

Management of severe distress in a potentially anomalous preterm fetus. Chestnut DH, et al. **South Med J** 1985 Jul; 78(7):867–9

Simultaneous antepartum testing of twin fetal heart rates. Devoe LD. **South Med J** 1985 Apr;78(4):380–3

Early antenatal diagnosis and natural progression of untreated posterior urethral valve syndrome. Turner RJ. **Tex Med** 1985 Jun;81(6):51–4

Ultrasound screening for structural defects in early pregnancy. Christie AD. **Ultrasound Med Biol** 1984 Jul–Aug;10(4):L485–8

Ultrasound in the diagnosis and management of urinary tract disorders in the fetus. Garrett WJ, et al. **Ultrasound Med Biol** 1984 Jul–Aug;10(4):473–83

Ultrasonic and clinical aspects in the diagnosis and prognosis of congenital gastrointestinal anomalies. Jouppila P, et al. **Ultrasound Med Biol** 1984 Jul–Aug;10(4):465–72

Fetal echocardiography--applications and limitations. Kleinman CS, et al. **Ultrasound Med Biol** 1984 Nov–Dec; 10(6):747–55

Ultrasound diagnosis and perinatal management of surgically correctable fetal malformations. Kurjak A, et al. **Ultrasound Med Biol** 1984 Jul–Aug;10(4):443–55

The role of diagnostic ultrasound in the study of fetal cardiac abnormalities. Wladimiroff JW, et al. **Ultrasound Med Biol** 1984 Jul–Aug;10(4):457–63

Prenatal diagnosis of neuroblastoma by sonography. Janetschek G, et al. **Urology** 1984 Oct;24(4):397–402

The diagnostic value of perinatal ultrasound monitoring for foetal abdominal mass. dell' Agnola CA, et al. **Z Kinderchir** 1985 Apr;40(2):82–4

[Ultrasonic research on fetal motor activity] Rachev E. **Akush Ginekol (Sofiia)** 1985;24(3):71–6 (27 ref.) **(Bul)**

[Ultrasonic diagnosis of fetal anomalies in the second and third trimesters of pregnancy] Lai XR, et al. **Chung Hua Hu Li Tsa Chih** 1985 Feb;20(1):8–9 **(Chi)**

[Scanning electron-microscopy study of the rapidly adhering cells of amniotic fluid from a fetus with open neural tube defects] Li SR. **Chung Hua I Hsueh Tsa Chih** 1984 Nov; 64(11):684–5 (Eng. Abstr.) **(Chi)**

[Damage to the conducting system of the heart in the prenatal diagnosis of complete atrioventricular block] Zidová L, et al. **Bratisl Lek Listy** 1984 Oct;82(4):1240–9 (Eng. Abstr.) **(Cze)**

[Initial experience with the use of chorionic biopsy in prenatal diagnosis during the 1st trimester of pregnancy] Macek M, et al. **Cas Lek Cesk** 1984 Nov 16;123(46):1417–20 (Eng. Abstr.) **(Cze)**

[Initial experience with diagnostic aspiration biopsy of chorionic tissue in the 1st trimester of pregnancy] Hájek Z, et al. **Cesk Gynekol** 1985 Feb;50(1):4–7 (Eng. Abstr.) **(Cze)**

[Aspiration of chorionic villi in the 1st trimester of pregnancy] Tomášek J, et al. **Cesk Gynekol** 1984 Dec; 49(10):698–702 (Eng. Abstr.) **(Cze)**

[Prenatal diagnosis of genetically conditioned diseases in the 1st trimester of pregnancy] Zwinger A, et al. **Cesk Gynekol** 1984 Dec;49(10):692–7 (Eng. Abstr.) **(Cze)**

[Clinical significance of detecting prenatal infections in malformed fetuses] Lošan F, et al. **Cesk Pediatr** 1985 May; 40(5):277–9 (Eng. Abstr.) **(Cze)**

[Metachromatic leukodystrophy with a familial incidence; prenatal diagnosis] Pijáčková A, et al. **Cesk Pediatr** 1985 May;40(5):288–90 (Eng. Abstr.) **(Cze)**

[Diagnosis of genetic disorders by DNA analysis] Güttler F. **Nord Med** 1985;100(5):144–7 (Eng. Abstr.) **(Dan)**

[Prenatal evaluation of fetal lung maturity by measuring the optical density of amniotic fluid] Mather O, et al. **Ugeskr Laeger** 1984 Nov 19;146(47):3635–7 (Eng. Abstr.) **(Dan)**

[Screening for serum alpha-fetoprotein for the detection of congenital malformations in the 16–18th weeks of pregnancy. Results of 24,023 pregnancy screenings] Pedersen BN, et al. **Ugeskr Laeger** 1984 Oct 22; 146(43):3253–9 (Eng. Abstr.) **(Dan)**

[Decrease in occurrence of Down's syndrome in Denmark 1980–1982. The effect of prenatal diagnosis] Pilgaard B, et al. **Ugeskr Laeger** 1985 Jan 21;147(4):243–5 (Eng. Abstr.) **(Dan)**

[Prenatal diagnosis of chromosomal and hereditary metabolic disease during the 1st trimester] Søndergaard F, et al. **Ugeskr Laeger** 1984 Jun 18;146(25):1841–3 (Eng. Abstr.) **(Dan)**

[Antenatal diagnosis and treatment with ultrasound] **Ned Tijdschr Geneeskd** 1984 Nov 3;128(44):2073–6 **(Dut)**

[Use of valproic acid in pregnancy: an indication for prenatal diagnosis of spina bifida] Lindhout D, et al. **Ned Tijdschr Geneeskd** 1984 Dec 29;128(52):2438–40 (Eng. Abstr.) **(Dut)**

[Selective management of fetal hydrocephalus] Kirkinen P, et al. **Duodecim** 1984;100(22):1515–24 (Eng. Abstr.) **(Fin)**

[Echographic study of the embryonal and fetal hand] Serafini G, et al. **Ann Chir Main** 1985;4(1):71–4 (Eng. Abstr.) **(Fre)**

[Prenatal diagnosis of severe hereditary immunologic deficiencies] Durandy A, et al. **Arch Fr Pediatr** 1985 Mar; 42(3):163–7 (Eng. Abstr.) **(Fre)**

[Congenital diaphragmatic hernia. Antenatal diagnosis. thoracic drainage. High frequency ventilation] Schmitt M, et al. **Chir Pediatr** 1985;26(1):8–12 (Eng. Abstr.) **(Fre)**

[Genetic heterogeneity and pathology of congenital nephrotic syndrome and its significance in prenatal diagnosis] Braga S, et al. **J Genet Hum** 1985 Jun;33(2):153–6 (Eng. Abstr.) **(Fre)**

[The place of prenatal diagnosis in genetic counseling (1982–1983)] Briard ML, et al. **J Genet Hum** 1985 Jun; 33(2):187–95 (Eng. Abstr.) **(Fre)**

[Prenatal prevention of drepanocytosis: analysis of cellular DNA in 2 cases] Delozier-Blanchet CD, et al. **J Genet Hum** 1985 Jun;33(2):171–8 (Eng. Abstr.) **(Fre)**

[Prenatal diagnosis of triploidy. I. Echographic, clinical and anatomic studies] Gilgenkrantz S, et al. **J Genet Hum** 1985 Jun;33(2):143–52 (Eng. Abstr.) **(Fre)**

[Should we expand the indications for analysis of fetal chromosomes?] Koulischer L, et al. **J Genet Hum** 1984 Sep;32(4):265–9 (Eng. Abstr.) **(Fre)**

[Prenatal diagnosis in a familial form of male pseudohermaphroditism due to 17-keto reductase deficiency] Nivelon JL, et al. **J Genet Hum** 1985 Jun; 33(2):179–86 (Eng. Abstr.) **(Fre)**

[Prenatal diagnosis of fetal malformations in women at specific genetic risk: retrospective analysis of 32 cases] Ronzoni M, et al. **J Genet Hum** 1985 Jun;33(2):137–41 (Eng. Abstr.) **(Fre)**

[Ellis-van Creveld syndrome. Contribution of echography to prenatal diagnosis. Apropos of a case] Bérardi JC, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(1):43–7 (Eng. Abstr.) **(Fre)**

[Ethical problems of prenatal diagnosis (letter)] Maroteaux P. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(5):581–2 **(Fre)**

[Prenatal diagnosis of camptomelic dysplasia] Redon JY, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(4):437–41 (Eng. Abstr.) **(Fre)**

[Detection and diagnosis of fetal malformations. 1. Technical possibilities] Schaaps JP. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(3):236–41 **(Fre)**

[Malformative uropathies in the prenatal period. Detection and management] **J Urol (Paris)** 1983;89(10):780–90 **(Fre)**

[Prenatal cardiology] Kachaner J, et al. **Presse Med** 1985 Mar 2;14(9):517–9 **(Fre)**

[Obstetrical indications for prenatal diagnosis, Yes, but?] Thoulon JM. **Rev Fr Gynecol Obstet** 1984 Oct; 79(10):649–51 (Eng. Abstr.) **(Fre)**

[Early biopsy of chorionic villi. Personal experience and review of the literature] Treisser A, et al. **Rev Fr Gynecol Obstet** 1985 May;80(6):397–412 (Eng. Abstr.) **(Fre)**

[Prenatal diagnosis of digestive system malformations using echography] Elkhazen N, et al. **Rev Med Brux** 1984 Oct; 5(8):541–50 (Eng. Abstr.) **(Fre)**

[Value and limitations of prenatal microbiological surveillance] Levy J. **Rev Med Brux** 1985 Apr;6(4):255–7 (Eng. Abstr.) **(Fre)**

[Prenatal echographic diagnosis of urinary tract malformations] Nguyen The H, et al. **Rev Med Suisse Romande** 1985 Feb;105(2):141–6 **(Fre)**

[Is serum alphafetoprotein a marker for the prenatal diagnosis of trisomy?] Pescia G, et al. **Rev Med Suisse Romande** 1985 Feb;105(2):137–9 **(Fre)**

[Importance of the prenatal ultrasonic detection of surgically correctable fetal malformations] Teasdale F, et al. **Union Med Can** 1985 Jun;114(6):498–500 (Eng. Abstr.) **(Fre)**

[Prenatal diagnosis and therapy of fetal hemolytic disease with Rh incompatibility] Kitschke HJ, et al. **Geburtshilfe Frauenheilkd** 1985 Jul;45(7):470–2 (Eng. Abstr.) **(Ger)**

[Sonographic image of a form of arthrogryposis multiplex congenita] Merz E, et al. **Geburtshilfe Frauenheilkd** 1985 Jun;45(6):406–10 (Eng. Abstr.) **(Ger)**

[Fetal intracranial invasive cysts. Diagnosis, procedure and therapy using the example of a case report (arachnoid cyst)] Limacher F, et al. **Geburtshilfe Fraunheilkd** 1984 Jul;44(7):444–50 (Eng. Abstr.) **(Ger)**

[Fetal therapy. Ethical problems as a result of prenatal diagnosis] Piechowiak H. **Geburtshilfe Fraunheilkd** 1985 Feb;45(2):67–72 (Eng. Abstr.) **(Ger)**

[Prenatal diagnosis of fetal meconium peritonitis, therapy and clinical course. With a contribution to the differential diagnosis of fetal ascites] Schlensker KH, et al. **Geburtshilfe Fraunheilkd** 1984 Jul;44(7):435–40 (Eng. Abstr.) **(Ger)**

[Prenatal diagnosis and therapy of hemolytic disease of the newborn] Fischer K, et al. **Monatsschr Kinderheilkd** 1985 Mar;133(3):167–70 (Eng. Abstr.) **(Ger)**

[Obstetric roentgen diagnosis and special roentgen diagnosis of the female pelvis] Bauer M, et al. **Rontgenpraxis** 1985 Jun;38(6):209–13 **(Ger)**

[Sonographic screening studies in pregnancy] Schillinger H. **Ultraschall Med** 1984 Dec;5(6):281–6 (Eng. Abstr.) **(Ger)**

[Intrauterine ultrasound diagnosis in a case of urethral agenesis] Moggian G, et al. **Wien Klin Wochenschr** 1985 May 24;97(11):505–7 (Eng. Abstr.) **(Ger)**

[Bilateral hydrothorax of the newborn infant] Engels M, et al. **Z Geburtshilfe Perinatol** 1985 Mar–Apr;189(2):91–3 (Eng. Abstr.) **(Ger)**

[Prenatal ultrasound findings in Arnold–Chiari deformity] Goldhofer W, et al. **Z Geburtshilfe Perinatol** 1985 Jan–Feb;189(1):42–4 (Eng. Abstr.) **(Ger)**

[Cardiotocography practice. Case 8] Heinrich J. **Zentralbl Gynakol** 1985;107(9):580–1 **(Ger)**

[Differential diagnostic procedure in sonographically detected fetal cystic hygroma] Holzgreve W. **Zentralbl Gynakol** 1985;107(4):245–51 (Eng. Abstr.) **(Ger)**

[Incidence of spina bifida occulta in relatives of children with myelodysplasia. Indications for high-risk screening] Jährig K, et al. **Zentralbl Gynakol** 1985;107(13):821–6 (Eng. Abstr.) **(Ger)**

[Problems in the prenatal diagnosis of fetal microcephaly] Schaller A, et al. **Zentralbl Gynakol** 1985;107(8):503–7 (Eng. Abstr.) **(Ger)**

[Abortion following prenatal diagnosis of genetic defects] Weise W. **Zentralbl Gynakol** 1985;107(14):855–62 (Eng. Abstr.) **(Ger)**

[First trimester prenatal diagnosis] Steinhertz R, et al. **Harefuah** 1984 Nov 1;107(9):254–6 **(Heb)**

[Fetal echocardiography. Prenatal diagnosis of hypoplastic left heart syndrome] Mandorla S, et al. **G Ital Cardiol** 1984 Jul;14(7):517–20 (Eng. Abstr.) **(Ita)**

[Early prenatal diagnosis of neural tube defects: comparison of 3 methods] Cigui I, et al. **Pathologica** 1983;75 Suppl:196–9 **(Ita)**

[Segregation problems in balanced structural chromosome rearrangements] Dagna Bricarelli F, et al. **Pathologica** 1983;75 Suppl:81–95 (61 ref.) **(Ita)**

[SEM morphology of rapidly adhering amniotic fluid cells of fetuses with neural tube defects] Ferranti G. **Pathologica** 1983;75 Suppl:200–3 **(Ita)**

[Diagnosis and treatment of fetal hydrocephalus. Problems in evaluation of the hydrocephalic state and selection for intrauterine shunt procedure] Oi S, et al. **Neurol Med Chir (Tokyo)** 1985 Mar;25(3):195–202 (Eng. Abstr.) **(Jpn)**

[Early antepartum diagnosis of conjoined thoracopagus twins] Saitoh M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jun;37(6):1046–9 **(Jpn)**

[Pregnancy wastage and prenatal diagnosis] Grünfeld B, et al. **Tidsskr Nor Laegeforen** 1985 May 30;105(15):1079–81 **(Nor)**

[Attitude of patients to prenatal diagnosis based on the example of families with Down's syndrome children] Czarkowski MP, et al. **Ginekol Pol** 1984 Aug;55(8):569–75 (Eng. Abstr.) **(Pol)**

[Prenatal diagnosis of genetic defects––analysis of 300 cases] Mazurczak T, et al. **Ginekol Pol** 1984 Aug;55(8):561–7 (Eng. Abstr.) **(Pol)**

[Evaluation of methods of amniotic fluid cell culture for prenatal diagnosis] Sosnowska K. **Ginekol Pol** 1984 Aug;55(8):617–24 (Eng. Abstr.) **(Pol)**

[Prenatal diagnosis in genetic counseling in the light of our experience] Mazurczak T, et al. **Pediatr Pol** 1984 Nov;59(11):925–9 (Eng. Abstr.) **(Pol)**

[Prenatal diagnosis of hereditary diseases] Bakharev VA. **Akush Ginekol (Mosk)** 1985 Apr;(4):14–7 (46 ref.) **(Rus)**

[Prognosis of fetal status in a complicated course of pregnancy: the possibilities of cardiotocography and of assessing fetal respiratory activity] Voronin KV, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):36–8 (Eng. Abstr.) **(Rus)**

[Fetal echocardiography in the 2d half of pregnancy] Radunović N, et al. **Srp Arh Celok Lek** 1984 Jun;112(6):703–8 (Eng. Abstr.) **(Scc)**

[Results of cytogenetic analysis of amniotic fluid cells] Zergollern L, et al. **Acta Med Iugosl** 1984;38(4):227–40 (Eng. Abstr.) **(Scr)**

[Prenatal diagnosis of atrioventricular block the fetal heart] Poradovský K, et al. **Bratisl Lek Listy** 1985 Feb;83(2):105–8 (Eng. Abstr.) **(Slo)**

[The value of examining the ratio of lecithin to sphingomyelin, creatinine and alpha-amylase in the prenatal diagnosis of the idiopathic respiratory insufficiency syndrome of newborn infants] Simko J. **Bratisl Lek Listy** 1984 Jul;82(1):794–805 (Eng. Abstr.) **(Slo)**

[Advances in prenatal diagnosis] Delgado Rubio A. **An Esp Pediatr** 1984 Oct 15;21(5):433–45 (38 ref.) **(Spa)**

[Use of amniotic fluid cytology in the prenatal diagnosis of sex] Iglesias Benavides JL, et al. **Ginecol Obstet Mex** 1983 Apr;51(312):83–7 (Eng. Abstr.) **(Spa)**

[Cystic hygroma: prenatal diagnosis. Anatomo-clinical case] González J, et al. **Rev Chil Obstet Ginecol** 1983;48(5):293–7 (Eng. Abstr.) **(Spa)**

[Use of ultrasonography of the skull in the fetus and the newborn infant] Pinto Laso F, et al. **Rev Chil Obstet Ginecol** 1983;48(3):165–70 (Eng. Abstr.) **(Spa)**

[Prenatal diagnosis of congenital cardiopathies: 2 clinical cases] Vaccaro H, et al. **Rev Chil Obstet Ginecol** 1983;48(5):362–5 (Eng. Abstr.) **(Spa)**

[Experience in the prenatal diagnosis of hydranencephaly and the follow-up study of the newborn infants] Yurác C, et al. **Rev Chil Obstet Ginecol** 1983;48(3):180–96 (Eng. Abstr.) **(Spa)**

[Prenatal diagnosis of te Dandy-Walker syndrome associated with partial trisomy of chromosome 9] Zacharias S, et al. **Rev Chil Obstet Ginecol** 1983;48(6):414–8 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Biopsy of chorionic villi for prenatal diagnosis [letter] Marchese Ca, et al. **Acta Obstet Gynecol Scand** 1984;63(8):737

Sample size needed to assess risk of abortion after chorionic villus sampling [letter] Holzgreve W, et al. **Lancet** 1985 Jan 26;1(8422):223

Does chorionic villus sampling cause fetomaternal haemorrhage? [letter] Warren RC, et al. **Lancet** 1985 Mar 23;1(8430):691

[Discontinuing serological tests for anti-A and anti-B antibodies in pregnant women] **Orv Hetil** 1984 Aug 26;125(35):2137 **(Hun)**

[Risk of spontaneous abortion after early prenatal diagnosis performed by chorion biopsy] Gustavii B. **Lakartidningen** 1985 May 22;82(21):1959–60 **(Swe)**

ECONOMICS

Cost-benefit analysis of a thalassemia disease prevention program. Ostrowsky JT, et al. **Am J Public Health** 1985 Jul;75(7):732–6

Can we afford screening for neural tube defects [letter] **Br Med J [Clin Res]** 1985 Mar 2;290(6469):711–2

Can we afford screening for neural tube defects? The South Wales experience. Hibbard BM, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):293–5

What do patients value? Willingness to pay for ultrasound in normal pregnancy. Berwick DM, et al. **Med Care** 1985 Jul;23(7):881–93

The benefits and costs of prenatal diagnosis [editorial] Chamberlain J. **Rev Epidemiol Sante Publique** 1984;32(2):85–7

INSTRUMENTATION

Direct-vision chorionic villi biopsy for prenatal diagnosis in the first trimester. Nordenskjöld F, et al. **J Reprod Med** 1984 Aug;29(8):572–4

METHODS

Monitoring of pregnancies at risk for Fanconi's anemia by chorionic villi sampling. Dallapiccola B, et al. **Acta Haematol (Basel)** 1985;73(3):157–8

Ultrasonic real time diagnosis of hydrothorax before delivery in an infant with extralobar lung sequestration. Kristoffersen SE, et al. **Acta Obstet Gynecol Scand** 1984;63(8):723–5

Feasibility of prenatal hearing test. Granier-Deferre C, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1985;421:93–101

First trimester prenatal diagnosis of genetic disorders. Will chorionic villi sampling make it a reality? Cosper P, et al. **Ala J Med Sci** 1984 Oct;21(4):425–6

A method of processing first-trimester chorionic villous biopsies for cytogenetic analysis. Blakemore KJ, et al. **Am J Hum Genet** 1984 Nov;36(6):1386–93

Visualization of the fetal spine: a proposal of a standard system to increase reliability. de Elejalde MM, et al. **Am J Med Genet** 1985 Jul;21(3):445–56

Prenatal phenotype analysis. Elejalde BR, et al. **Am J Med Genet** 1985 Jul;21(3):413–5

Prenatal diagnosis of Meckel syndrome: case reports and literature review. Johnson VP, et al. **Am J Med Genet** 1984 Aug;18(4):699–711

Cytogenetic diagnosis using midtrimester fetal blood samples: application to suspected mosaicism and other diagnostic problems. Watson MS, et al. **Am J Med Genet** 1984 Dec;19(4):805–13

A sonographic sign for the detection in the second trimester of the fetus with Down's syndrome. Benacerraf BR, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1078–9

Prenatal diagnosis of complete heart block. Chatterjee MS, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1082–3

The nonstress test as a diagnostic test: a critical reappraisal. Devoe LD, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1047–53

Chorionic villus sampling for first-trimester prenatal diagnosis: Northwestern University program. Elias S, et al. **Am J Obstet Gynecol** 1985 May 15;152(2):204–13

Cord prolapse: is antenatal diagnosis possible? Lange IR, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1083–5

Direct-vision sampling of chorionic villi during extra-amniotic instillation of physiologic saline solution: effect on intrauterine pressure and fetal heart activity. Löfberg L, et al. **Am J Obstet Gynecol** 1985 Jul 1;152(5):591–2

Chorionic villi sampling: clinical experience, immediate complications, and patient attitudes. Perry TB, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):161–6

Sound stimulation test and fetal well-being [letter] Querleu D, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):829–30

Antenatal diagnosis of renal anomalies with ultrasound. III. Bilateral renal agenesis. Romero R, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):38–43

The picture is worth a thousand words [editorial] Gabbe SG. **Am J Perinatol** 1984 Jul;1(4):283–4

Prenatal diagnosis of hemoglobinopathies by DNA analysis. Kazazian HH Jr, et al. **Ann NY Acad Sci** 1985;445:337–48

Fetal echocardiography: new horizons in ultrasound. Reed KL. **Ariz Med** 1984 Sep;41(9):600–1

Ultrasound guided chorion biopsy in antenatal diagnosis of genetic disorders. Anderson JC, et al. **Aust NZ J Obstet Gynaecol** 1985 Feb;25(1):29–33

Oxytocin challenge test as an out patient procedure. Sellappah S, et al. **Br J Clin Pract** 1984 Jul–Aug;38(7–8):255–8

The identification of false-positive amniotic fluid acetylcholinesterase results due to fetal calf serum contamination. Barlow RD, et al. **Br J Obstet Gynaecol** 1984 Oct;91(10):986–8

The routine use of ultrasound [editorial] Lilford RJ, et al. **Br J Obstet Gynaecol** 1985 May;92(5):434–6

A practical assessment of ultrasound-guided transcervical aspiration of chorionic villi and subsequent chromosomal analysis. Maxwell D, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):660–5

Gastroschisis and exomphalos: precise diagnosis by midpregnancy ultrasound. Redford DH, et al **Br J Obstet Gynaecol** 1985 Jan;92(1):54–9

BamH I polymorphism in the Chinese: its potential usefulness in prenatal diagnosis of beta thalassaemia. Chan V, et al. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):947–8

Screening for Down's syndrome using serum alpha fetoprotein: a retrospective study indicating caution. Spencer K, et al. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1940–3

Gene probes: application to prenatal and postnatal diagnosis of genetic disease. Kazazian HH Jr. **Clin Chem** 1985 Sep;31(9):1509–13

Debranching enzyme in fibroblasts, amniotic fluid cells and chorionic villi: pre- and postnatal diagnosis of glycogenosis type III. van Diggelen OP, et al. **Clin Chim Acta** 1985 Jul 15;149(2–3):129–34

Prenatal diagnosis of glycogenosis type II (Pompe's disease) using chorionic villi biopsy. Besançon AM, et al. **Clin Genet** 1985 May;27(5):479–82

Chorionic villi sampling under direct vision. Gustavii B. **Clin Genet** 1984 Oct;26(4):297–300

Chromosome analysis in 100 cases of first trimester trophoblast sampling. Heim S, et al. **Clin Genet** 1985 May;27(5):451–7

Semiautomated chromosome analysis. A clinical test. Philip J, et al. **Clin Genet** 1985 Feb;27(2):140–6

Amniotic fluid and advances in prenatal diagnosis. Schwartz M, et al. **Clin Lab Med** 1985 Jun;5(2):371–87 (87 ref.)

High resolution R banding in amniotic fluid cells using the BrdU-Hoechst 33258-Giemsa (RBG) technique. Cheung SW, et al. **Hum Genet** 1985;69(1):86–7

Prenatal diagnosis by trophoblast sampling [letter] Neri G. **Hum Genet** 1984;68(3):273–4

Prenatal diagnosis of cystinosis upon exposure of amniotic cells to cystine dimethyl ester. Steinherz R, et al. **Isr J Med Sci** 1985 Jun;21(6):537–9

Antepartum diagnosis of goitrous hypothyroidism by fetal ultrasonography and amniotic fluid thyrotropin concentration. Kourides IA, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):1016–8

Pitfalls of prenatal diagnosis of 21-hydroxylase deficiency congenital adrenal hyperplasia. Pang S, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):89–97

Development of a nonhuman primate model for fetoscopy. Mattison DR, et al. **J Med Primatol** 1983;12(6):319–30

Antepartum diagnosis: biopsy and culture of first trimester chorionic villi. Chatterjee MS, et al. **J Med Soc NJ** 1985 Jul;82(7):531–2

Fetal sonography and neonatal scintigraphy of a choledochal cyst. Wiedman MA, et al. **J Nucl Med** 1985 Aug;26(8):893–6

Sonographic anatomy of the fetal cerebral ventricles, with reference to the early diagnosis of hydrocephaly. Lustig-Gillman I, et al. **J Perinat Med** 1984;12(4):185–91

A monoclonal antibody micromethod for studying fetal lymphocytes: potential for prenatal diagnosis of inherited immunodeficiencies. Holzgreve B, et al. **J Reprod Immunol** 1984 Dec;6(6):341–4

Direct-vision chorionic villi biopsy for prenatal diagnosis in the first trimester. Nordenskjöld F, et al. **J Reprod Med** 1984 Aug;29(8):572–4

The in utero findings in twin pentalogy of Cantrell. Baker ME, et al. **J Ultrasound Med** 1984 Nov;3(11):525–7

Hemangioma presenting as a cystic mass in the fetal neck. Grundy H, et al. **J Ultrasound Med** 1985 Mar;4(3):147–50

Real-time ultrasound guidance of fetal manipulation during genetic amniocentesis. Hill LM, et al. **J Ultrasound Med** 1985 May;4(5):267–8

Thanatophoric dwarfism with the cloverleaf skull: a specific antenatal sonographic diagnosis. Mahony BS, et al. **J Ultrasound Med** 1985 Mar;4(3):151–4

Results and benefits of a maternal serum alpha-fetoprotein screening program [letter] Macri JN. **JAMA** 1985 Apr 26;253(16):2364–6

The prenatal diagnosis of congenital heart disease--a practical approach for the fetal sonographer. DeVore GR. **JCU** 1985 May;13(4):229–45

An interesting ultrasonic observation following chorionic villus sampling. Maxwell DJ, et al. **JCU** 1985 Jun;13(5):343–4

Prenatal ultrasound diagnosis of fetal teratoma of the neck. Trecet JC, et al. **JCU** 1984 Oct;12(8):509–11

Prenatal sex determination [letter] Boué J, et al. **Lancet** 1985 Jan 5;1(8419):57

Prenatal diagnosis of neural-tube defects with a monoclonal antibody specific for acetylcholinesterase. Brock DJ, et al. **Lancet** 1985 Jan 5;1(8419):5–8

First-trimester diagnosis of Lesch-Nyhan syndrome. Gibbs DA, et al. **Lancet** 1984 Nov 24;2(8413):1180–3

Chorionic villus sampling [letter] Mugford M, et al. **Lancet** 1985 Aug 17;2(8451):384–5

Prenatal diagnosis of beta-thalassaemia with the synthetic-oligomer technique. Rosatelli C, et al. **Lancet** 1985 Feb 2;1(8423):241–3

Chorionic villus sampling [letter] **Med J Aust** 1985 Sep 2;143(5):217–8

Hemophilia A. Detection of molecular defects and of carriers by DNA analysis. Antonarakis SE, et al. **N Engl J Med** 1985 Oct 3;313(14):842–8

First-trimester diagnosis of Krabbe's disease by direct enzyme analysis of chorionic villi [letter] Kleijer WJ, et al. **N Engl J Med** 1984 Nov 8;311(19):1257

Genetic diseases. Problems of prenatal testing [news] Beardsley T. **Nature** 1985 Mar 21–27;314(6008):211

Fetal diagnosis trial [news] Clarke M. **Nature** 1985 May 23–29;315(6017):269

False-positive amniotic fluid acetylcholinesterase results: the need for a multifacet approach to the prenatal diagnosis of neural tube defects. Lee JE, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):22S–24S

Prenatal genetics. Zellweger H. **Padiatr Grenzgeb** 1984;23(5):245–53

Evaluation of possible first trimester prenatal diagnosis in lysosomal diseases by trophoblast biopsy. Poenaru L, et al. **Pediatr Res** 1984 Oct;18(10):1032–4

Antenatal diagnosis of genetic disease. Lilford RJ. **Practitioner** 1985 Aug;229(1406):729–34

Prenatal diagnosis of atypical Tay-Sachs disease by chorionic villi sampling. Besançon AM, et al. **Prenat Diagn** 1984 Sep–Oct;4(5):365–70

Prenatal diagnosis of cystic fibrosis using a monoclonal antibody specific for intestinal alkaline phosphatase. Brock DJ, et al. **Prenat Diagn** 1984 Nov–Dec;4(6):421–6

The prenatal diagnosis of Joubert's syndrome of familial agenesis of the cerebellar vermis. Campbell S, et al. **Prenat Diagn** 1984 Sep–Oct;4(5):391–5

Prenatal diagnosis of recurrence of cystic hygroma with normal chromosomes. Dallapiccola B, et al. **Prenat Diagn** 1984 Sep–Oct;4(5):383–6

Gastroschisis and omphalocele: prenatal diagnosis and perinatal management. Davidson JM, et al. **Prenat Diagn** 1984 Sep–Oct;4(5):355–63

Chromosome analysis of first trimester chorionic villus biopsies prepared by a maceration technique. Heaton DE, et al. **Prenat Diagn** 1984 Jul–Aug;4(4):279–87

Improved direct molecular diagnosis and rapid fetal sexing. Hoar DI, et al. **Prenat Diagn** 1984 Jul–Aug;4(4):241–7

Prenatal diagnosis before implantation: opportunities and problems. McLaren A. **Prenat Diagn** 1985 Jan–Feb;5(1):85–90 (37 ref.)

Cystic hygromata in trisomy 18 and 21. Pearce JM, et al. **Prenat Diagn** 1984 Sep–Oct;4(5):371–5

Prenatal diagnosis of trisomy 9 mosaicism possibly limited to fetal membranes. Pfeiffer RA, et al. **Prenat Diagn** 1984 Sep–Oct;4(5):387–9

Aneuploidy and cystic hygroma detectable by ultrasound. Redford DH, et al. **Prenat Diagn** 1984 Sep–Oct;4(5):377–82

Role of chorion villi biopsy in prenatal diagnosis of genetic disorders. Lindsten J, et al. **Prog Clin Biol Res** 1985;177:195–212

Routine fetal genitourinary tract screening. Arger PH, et al. **Radiology** 1985 Aug;156(2):485–9

Use of femur length/abdominal circumference ratio in detecting the macrosomic fetus. Hadlock FP, et al. **Radiology** 1985 Feb;154(2):503–5

Scrotal masses caused by meconium peritonitis: prenatal sonographic diagnosis. Kenney PJ, et al. **Radiology** 1985 Feb;154(2):362

Caveats in the sonographic determination of fetal femur length for estimation of gestational age. Krook PM, et al. **Radiology** 1985 Mar;154(3):823–4

Cholinesterase evaluation in the prenatal diagnosis of open neural tube defects. Troccoli R, et al. **Ric Clin Lab** 1985 Jan–Mar;15(1):53–62

First-trimester fetal diagnosis [editorial] Coetzee EJ. **S Afr Med J** 1985 Mar 23;67(12):438–9

Prenatal diagnosis of cystic fibrosis in South Africa. Nelson MM, et al. **S Afr Med J** 1984 Nov 3;66(18):688–90

Hydranencephaly--antenatal diagnosis using ultrasound [letter] Vaughan JE, et al. **S Afr Med J** 1984 Nov 3;66(18):675–6

Prenatal diagnostic techniques. Chorionic villus sampling. Ullman S, et al. **Surv Ophthalmol** 1985 Jul–Aug;30(1):33–40

Ultrasound experience with prenatal genitourinary abnormalities. Bruno AN, et al. **Urology** 1985 Aug;26(2):196–201

[Prenatal diagnosis of the idiopathic respiratory distress syndrome by using thin liquid films (foam films) at the solution/air phase interface] Eksperova D, et al. **Akush Ginekol (Sofiia)** 1984;23(6):457–62 (Eng. Abstr.) **(Bul)**

[Ultrasonic diagnosis in fetal developmental anomalies] Khadzhiev A, et al. **Akush Ginekol (Sofiia)** 1985;24(3):12–5 (Eng. Abstr.) **(Bul)**

[Changes in the ultrasonic picture of the placenta with advancing pregnancy] Ruseva R, et al. **Akush Ginekol (Sofiia)** 1984;23(5):381–7 (Eng. Abstr.) **(Bul)**

[Ultrasonic measurement of fetal femur length in normal pregnancy] Ruseva R, et al. **Akush Ginekol (Sofiia)** 1984;23(5):387–91 (Eng. Abstr.) **(Bul)**

[Exclusion prenatal diagnosis of chronic familial septic granulomatosis] Pham Huu T, et al. **Arch Fr Pediatr** 1985 Feb;42(2):103–5 (Eng. Abstr.) **(Fre)**

[Prenatal diagnosis of abnormalities of the neuroectodermal tube. Limitations of the assay of amniotic alpha fetoprotein and acetylcholinesterase and value of the qualitative study of cholinesterases. Apropos of 6 cases of anencephaly] Legras B, et al. **Pathol Biol (Paris)** 1985 Mar;33(3):169–72 (Eng. Abstr.) **(Fre)**

[Prenatal diagnosis of mucoviscidosis] Boué A, et al. **Presse Med** 1985 Mar 9;14(10):575–6 **(Fre)**

[Fetal sex determination by molecular DNA probes specific for chromosome Y. Caution (letter)] Boue A. **Presse Med** 1985 Apr 27;14(17):982 **(Fre)**

[Prenatal diagnosis by fetal blood sampling under echographic control] Chartier M. **Presse Med** 1984 Nov 10;13(40):2423–4 **(Fre)**

[The diagnosis of abnormalities in the 1st trimester of pregnancy] Schaaps JP. **Rev Med Liege** 1985 May 1;40(9):369–71 **(Fre)**

[Interlaboratory variation in the prenatal screening test for neural tube closing defects] Braoudakis G, et al. **Soz Praventivmed** 1984;29(4–5):207–8 (Eng. Abstr.) **(Fre)**

[Gamma-glutamyltransferase in maternal serum and prenatal screening for the fetal alcohol syndrome] Halperin DS, et al. **Soz Praventivmed** 1984;29(4–5):209–10 (Eng. Abstr.) **(Fre)**

[Early detection of perinatal complications. Physiology and pathophysiology of alpha-1-fetoprotein in pregnancy] Anger H. **Fortschr Med** 1985 Feb 7;103(5):91–3 (Eng. Abstr.) **(Ger)**

[Detection of intrauterine growth retardation within the scope of routine prenatal care] Bitzer J, et al. **Geburtshilfe Fraunheilkd** 1985 Feb;45(2):79–82 (Eng. Abstr.) **(Ger)**

[Prenatal ultrasonographic diagnosis of a cystic ovarian tumor] Boos R, et al. **Geburtshilfe Fraunheilkd** 1984 Aug;44(8):521–4 (Eng. Abstr.) **(Ger)**

[Gynecologic and cytogenetic aspects of prenatal diagnosis in the 1st trimester of pregnancy] Klink F, et al. **Geburtshilfe Fraunheilkd** 1985 Feb;45(2):73–8 (Eng. Abstr.) **(Ger)**

[Prenatal ultrasound findings in a case of cystic adenomatoid malformation of the lung with generalized hydrops of the fetus] Kronpass L, et al. **Geburtshilfe Fraunheilkd** 1984 Oct;44(10):689–91 (Eng. Abstr.) **(Ger)**

[Twin pregnancy with severe skull malformation of one twin] Leucht W, et al. **Geburtshilfe Fraunheilkd** 1984 Aug;44(8):533–6 (Eng. Abstr.) **(Ger)**

[Amniotic band syndrome in ultrasound] Merz E, et al. **Geburtshilfe Fraunheilkd** 1984 Sep;44(9):576–8 (Eng. Abstr.) **(Ger)**

[Prenatal diagnosis of neural tube and abdominal wall defects in the 2d trimester] Mühlhaus K, et al. **Geburtshilfe Fraunheilkd** 1985 Feb;45(2):98–100 (Eng. Abstr.) **(Ger)**

[Ventral abdominal wall defects--antenatal diagnosis, course of pregnancy and post partum therapy] Rabe D, et al. **Geburtshilfe Fraunheilkd** 1985 Mar;45(3):176–82 (Eng. Abstr.) **(Ger)**

[Prenatal diagnosis of a coccygeal teratoma--consequences for continued pregnancy] Rabe D, et al. **Geburtshilfe Fraunheilkd** 1984 Aug;44(8):529–32 (Eng. Abstr.) **(Ger)**

[Fetal femur length in the 2d and 3d trimester of pregnancy] Schmidt W, et al. **Geburtshilfe Fraunheilkd** 1985 Feb;45(2):91–7 (Eng. Abstr.) **(Ger)**

[Prenatal diagnosis of thanatophoric dwarfism with a cloverleaf skull--ultrasonographic findings, humane genetic aspects] Weiss H, et al. **Geburtshilfe Fraunheilkd** 1984 Aug;44(8):525–8 (Eng. Abstr.) **(Ger)**

[Sonographic detection of prenatal rupture of spina bifida cystica] Bernaschek G, et al. **Ultraschall Med** 1984 Aug;5(4):152–4 (Eng. Abstr.) **(Ger)**

[Amniotic band syndrome in intrauterine ultrasonic diagnosis] Bonilla-Musoles F, et al. **Ultraschall Med** 1984 Aug;5(4):155–9 (Eng. Abstr.) **(Ger)**

[Abnormalities of the upper gastrointestinal tract diagnosed prenatally by ultrasound] Linder R, et al. **Ultraschall Med** 1984 Aug;5(4):148–51 (Eng. Abstr.) **(Ger)**

[Diagnosis, pregnancy monitoring and labor induction in multiple pregnancy] Bollmann R, et al. **Z Arztl Fortbild (Jena)** 1984;78(22):943–7 **(Ger)**

[Prenatal diagnosis of severe neural tube defect in negative biochemical findings] Boos R, et al. **Z Geburtshilfe Perinatol** 1984 Sep–Oct;188(5):244–7 (Eng. Abstr.) **(Ger)**

[Prenatal diagnosis of prune belly syndrome occurring in siblings in 2 consecutive pregnancies] Feige A, et al. **Z Geburtshilfe Perinatol** 1984 Sep–Oct;188(5):239–43 (Eng. Abstr.) **(Ger)**

[Prenatal diagnosis of Meckel-Gruber syndrome] Mühlhaus K, et al. **Z Geburtshilfe Perinatol** 1985 Jan–Feb;189(1):37–41 (Eng. Abstr.) **(Ger)**

[Fetal echocardiography--possibilities and limits] Heublein B, et al. **Z Kardiol** 1984 Jul;73(7):466–71 (Eng. Abstr.) **(Ger)**

[Prenatal ultrasonographic diagnosis of ovarian cysts and their frequency in newborn infants] Kühl G, et al. **Z Kinderchir** 1984 Oct;39(5):344–6 (Eng. Abstr.) **(Ger)**

[Prenatal sex determination using ultrasound] Dalicho FH. **Zentralbl Gynakol** 1984;106(10):672–80 (Eng. Abstr.) **(Ger)**

[Fetal ascites in the ultrasound B image] Domke N, et al. **Zentralbl Gynakol** 1984;106(24):1582–6 (Eng. Abstr.) **(Ger)**

[Possibilities of the diagnosis of abnormalities within the scope of basic obstetrical ultrasound examination] Hahmann K, et al. **Zentralbl Gynakol** 1985;107(1):1–21 (Eng. Abstr.) **(Ger)**

[Aspiration of chorionic tissue: diagnostic potential in prenatal (fetal) diagnosis] Intódy Z, et al. **Zentralbl Gynakol** 1985;107(11):657–63 (Eng. Abstr.) **(Ger)**

[Significance of ultrasound B image diagnosis as a screening method in pregnancy] Schmidt J. **Zentralbl Gynakol** 1984;106(19):1301–8 (Eng. Abstr.) **(Ger)**

[Comparison between the diagnostic value of amnioscopy and the non-stress test in prolonged pregnancy] Belgeri R, et al. **Ann Ostet Ginecol Med Perinat** 1984 Sep–Oct;105(5):319–24 (Eng. Abstr.) **(Ita)**

[Prenatal diagnosis of cardiovascular pathology using mono- and bidimensional echocardiography] Narducci PL, et al. **Minerva Ginecol** 1985 May;37(5):239–46 (Eng. Abstr.) **(Ita)**

[Transcervical specimen of chorionic villi in the 1st trimester of pregnancy] Brambati B, et al. **Pathologica** 1983;75 Suppl:179–83 **(Ita)**

[Importance of a statistical probability analysis of amplitude fluctuations in fetal PCG tones for detecting umbilical cord pathology during pregnancy] Logvinenko AV, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):30–2 (Eng. Abstr.) **(Rus)**

[Prenatal diagnosis of hereditary enzymopathies] Tsvetkova IV. **Vestn Akad Med Nauk SSSR** 1984;(8):70–4 (Eng. Abstr.) **(Rus)**

[Ebstein's anomaly. Prenatal diagnosis with bidimensional echocardiography] Ardura J, et al. **An Esp Pediatr** 1984 Dec;21(9):793–7 (Eng. Abstr.) **(Spa)**

[Amniocentesis in prenatal genetic diagnosis. Obstetric aspects] Bernal J. **Rev Chil Obstet Ginecol** 1984;49(4):237–44 (Eng. Abstr.) **(Spa)**

[Early cytogenetic diagnosis by chorion biopsy. Preliminary communication] Ramos C, et al. **Rev Clin Esp** 1984 Jul 15–31;174(1–2):21–3 (Eng. Abstr.) **(Spa)**

PSYCHOLOGY

Prenatal diagnosis: the experience in families who have children. Black RB, et al. **Am J Med Genet** 1984 Dec;19(4):729–39

STANDARDS

Cautions about maternal serum alpha-fetoprotein screening [letter] Milunsky A, et al. **N Engl J Med** 1985 Sep 12; 313(11):694

TRENDS

The changing place of radiology in obstetrics. Gordon A, et al. **Br J Radiol** 1984 Oct;57(682):891-3

[Status of prenatal diagnosis in Switzerland] Schmid W. **Soz Praventivmed** 1985;30(1):18-22 (Eng. Abstr.) (Ger)

PRENATAL EXPOSURE DELAYED EFFECTS

Effects of maternal administration of diethylstilbestrol and estradiol on the newborn guinea pig. Davies J, et al. **Acta Anat (Basel)** 1985;122(1):39-61

Growth-depressing effects of alcohol and nicotine in two strains of rats. Riesenfeld A. **Acta Anat (Basel)** 1985; 122(1):18-24

Fine structure of hepatocytes from mini-pigs and mini-pig fetuses exposed to alcohol (ethanol) in vivo. Rømert P, et al. **Acta Anat (Basel)** 1984;120(4):190-5

The angiogenesis of micrencephalic rat brains caused by methylazoxymethanol acetate. I. Superficial venous system. A quantitative analysis. Bardosi A, et al. **Acta Neuropathol (Berl)** 1985;66(3):253-63

Vestibular hair cell pathology following low-dose irradiation during embryonic development. Anniko M, et al. **Acta Otolaryngol (Stockh)** 1984 Sep-Oct;98(3-4):292-301

Normal physical and mental development of 6-year-old children whose mothers were treated antenatally with prednisolone. Horváth I, et al. **Acta Paediatr Hung** 1984; 25(4):395-8

Follow-up of children of insulin dependent (type I) and gestational diabetic mothers. Growth pattern, glucose tolerance, insulin response, and HLA types. Persson B, et al. **Acta Paediatr Scand** 1984 Nov;73(6):778-84

Embryonic survival in mice treated with AET, MEA or 5-HT on the first day of pregnancy. Mazur L. **Acta Physiol Hung** 1985;65(3):227-31

Incidence of major congenital malformations in offspring of alcoholics and polydrug abusers. Iosub S, et al. **Alcohol** 1985 May-Jun;2(3):521-3

Effects of the maternal consumption of alcohol on alcohol selection in rats. Reyes E, et al. **Alcohol** 1985 Mar-Apr: 2(2):323-6

Effects of scopolamine on spontaneous alternation and shuttle avoidance in rats exposed to alcohol in utero. Rockwood GA, et al. **Alcohol** 1985 Jul-Aug;2(4):575-9

A comparison of pregnancy history recall and medical records. Implications for retrospective studies. Tilley BC, et al. **Am J Epidemiol** 1985 Feb;121(2):269-81

Childhood leukemia and parental occupation. A register-based case-control study. van Steensel-Moll HA, et al. **Am J Epidemiol** 1985 Feb;121(2):216-24

Neonatal effects of maternal nadolol therapy. Fox RE, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1045-6

Long-term effects of labor and delivery on offspring: a matched-pair analysis. Friedman EA, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):941-5

Study design in perinatal medicine. Noller KL, et al. **Am J Perinatol** 1985 Jul;2(3):250-5

Dental fluorosis in bovine temporary teeth. Suttie JW, et al. **Am J Vet Res** 1985 Feb;46(2):404-8

Ionizing radiation and the conceptus: neurophysiologic effects of prenatal X-radiation on offspring. Jensh RP. **Ann Clin Lab Sci** 1985 May-Jun;15(3):185-94

Effect of long-term administration of retinoids on rats exposed transplacentally to ethylnitrosourea. Grubbs CJ, et al. **Anticancer Res** 1985 Mar-Apr;5(2):205-9

Regulation of succinyl-CoA:3-oxoacid CoA-transferase in developing rat brain: responsiveness associated with prenatal but not postnatal hyperketonemia. Haney PM, et al. **Arch Biochem Biophys** 1985 Jul;240(1):426-34

Alterations in liver ultrastructure and induction of UDP-glucuronyltransferase in the rat following prenatal exposure to 3,4,3',4'-tetrachlorobiphenyl. Harris C, et al. **Arch Environ Contam Toxicol** 1984 Nov;13(6):715-21

Sexual orientation after prenatal exposure to exogenous estrogen. Ehrhardt AA, et al. **Arch Sex Behav** 1985 Feb; 14(1):57-77

Sex-dimorphic behavior in childhood subsequent to prenatal exposure to exogenous progestogens and estrogens. Ehrhardt AA, et al. **Arch Sex Behav** 1984 Oct;13(5):457-77

Effects of prenatally administered 17 alpha-hydroxyprogesterone caproate on adolescent males. Kester PA. **Arch Sex Behav** 1984 Oct;13(5):441-55

Effects of prenatal hormone exposure versus pregnancy complications on sex-dimorphic behavior. Meyer-Bahlburg HF, et al. **Arch Sex Behav** 1984 Oct; 13(5):479-95

Behavioural changes in rats after prenatal administration of typical and atypical antidepressants. Cuomo V, et al. **Arch Toxicol [Suppl]** 1984;7:504-7

Prenatal and postnatal development of rats following the maternal treatment with testosterone during the late period of embryogenesis. Fritz H, et al. **Arzneimittelforsch** 1984; 34(7):780-2

Postnatal development of young rats following the treatment of the dams with sodium salicylate during late periods of pregnancy. Fritz H, et al. **Arzneimittelforschung** 1985; 35(6):937-9

Attention deficit disorder, amphetamine, and pregnancy [letter] Shangraw RE, et al. **Biol Psychiatry** 1985 Aug; 20(8):926-7

Treatment with different antiestrogens in the neonatal period and effects in the cervicovaginal epithelium and ovaries of adult mice: a comparison to estrogen-induced changes. Forsberg JG. **Biol Reprod** 1985 Mar;32(2):427-41

Modifications of the gonadal function in the adult rat after fetal exposure to spironolactone. Jaussan V, et al. **Biol Reprod** 1985 Jun;32(5):1051-61

Prenatal effects on reproductive capacity during aging in female mice. Vom Saal FS, et al. **Biol Reprod** 1985 Jun; 32(5):1116-26

Effects of anticonvulsant monotherapy in pregnancy on the newborn endocrine system. Preliminary data. Specchio LM, et al. **Boll Soc Ital Biol Sper** 1985 Feb 28;61(2):195-8

Paracetamol metabolites in the neonate following maternal overdose. Roberts I, et al. **Br J Clin Pharmacol** 1984 Aug; 18(2):201-6

Follow-up study of children whose mothers were treated with warfarin during pregnancy. Chong MK, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1070-3

Long term effects of exposure to viral infections in utero. Fine PE, et al. **Br Med J [Clin Res]** 1985 Feb 16; 290(6467):509-11

Effects of prenatal stress on differentiation of the sexually dimorphic nucleus of the preoptic area (SDN-POA) of the rat brain. Anderson DK, et al. **Brain Res** 1985 Apr 15;332(1):113-8

Prenatal exposure to diazepam results in enduring reductions in brain receptors and deep slow wave sleep. Livezey GT, et al. **Brain Res** 1985 May 20;334(2):361-5

Generational effects of protein malnutrition in the rat. Resnick O, et al. **Brain Res** 1984 Aug;317(2):219-27

Dyads at risk: methadone-maintained women and their four-month-old infants. Jeremy RJ, et al. **Child Dev** 1984 Aug;55(4):1141-54

An ethological analysis of the influence of perinatally-administered diazepam on murine behaviour. Grimm VE, et al. **Comp Biochem Physiol [C]** 1984; 79(2):291-3

The effects of ionizing radiation, microwaves, and ultrasound on the developing embryo: clinical interpretations and applications of the data. Brent RL. **Curr Probl Pediatr** 1984 Sep;14(9):1-87 (362 ref.)

A quantitative analysis of the effect of all-trans-retinoic acid on the pattern of chick wing development. Tickle C, et al. **Dev Biol** 1985 May;109(1):82-95

Neonatal preference for visual patterns: modification by prenatal anesthetic exposure? Blair VW, et al. **Dev Med Child Neurol** 1984 Aug;26(4):476-83

Effects of prenatal glucocorticoids on renal maturation in newborn infants. MacKintosh D, et al. **Dev Pharmacol Ther** 1985;8(2):107-14

Effects of prenatal exposure to tricyclic antidepressants on adrenergic responses in progeny. Simpkins JW, et al. **Dev Pharmacol Ther** 1985;8(1):17-33

Development of sexual behavior in prenatally ethanol-exposed rats. Hård E, et al. **Drug Alcohol Depend** 1984 Sep;14(1):51-61

Neonatal sucking as an outcome variable: comparison of quantitative and clinical assessments. Stock DL, et al. **Early Hum Dev** 1985 Jan;10(3-4):273-8

Health status and PCBs in blood of workers exposed to PCBs and of their children. Hara I. **Environ Health Perspect** 1985 Feb;59:85-90

Potential reproductive and postnatal morbidity from exposure to polychlorinated biphenyls: epidemiologic considerations. Rogan WJ, et al. **Environ Health Perspect** 1985 May;60:233-9 (52 ref.)

Prenatal chlordane exposure: effects on plasma corticosterone concentrations over the lifespan of mice. Cranmer JM, et al. **Environ Res** 1984 Oct;35(1):204-10

Supersensitivity to norepinephrine induced by prenatal exposure to ethanol. Blum K, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):415-7

Absence of behavioral effects of intrauterine phenobarbital exposure in rats. McBride MC, et al. **Exp Neurol** 1984 Oct; 86(1):53-65

Prenatal exposure to ethanol retards the development of kindling in adult rats. Savage DD, et al. **Exp Neurol** 1985 Sep;89(3):583-91

Effects of halothane on synaptogenesis and learning behavior in rats. Uemura E, et al. **Exp Neurol** 1985 Sep;89(3):520-9

Effects of halothane on the development of rat brain: a golgi study of dendritic growth. Uemura E, et al. **Exp Neurol** 1985 Sep;89(3):503-19

Effect of moderate prenatal ethanol exposure on postnatal brain and behavioral development in BALB/c mice. Wainwright P, et al. **Exp Neurol** 1985 Jul;89(1):237-49

Androstenedione or corticosterone treatment during pregnancy alters estrous cycle of adult female offspring in mice. Harvey PW, et al. **Experientia** 1985 Apr 15; 41(4):492-4

Congenital malformations among offspring exposed in utero to progestins, Olmsted County, Minnesota, 1936-1974. Resseguie LJ, et al. **Fertil Steril** 1985 Apr;43(4):514-9

Genital tract examinations and zona-free hamster egg penetration tests from men exposed in utero to diethylstilbestrol. Shy KK, et al. **Fertil Steril** 1984 Nov; 42(5):772-8

Effect of oral cadmium administration to female rats before and during pregnancy on the histoenzymatic activity in maternal and foetal kidneys. Steibert E, et al. **Folia Biol (Krakow)** 1984;32(4):331-40

Postnatal toxicity following prenatal reserpine exposure in rats: effects of dose and dosing schedule. Buelke-Sam J, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):983-91

Morphological changes in the ovary of newly hatched chickens treated with chorionic gonadotropin during embryonic development. González-Morán G, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):162-7

Crowding pregnant mice affects attack and threat behavior of male offspring. Harvey PW, et al. **Horm Behav** 1985 Mar;19(1):86-97

Psychosexual milestones in women prenatally exposed to diethylstilbestrol. Meyer-Bahlburg HF, et al. **Horm Behav** 1984 Sep;18(3):359-66

Carcinogenic effect of very low doses of antenatal ionizing radiation. Sinha N, et al. **Indian J Cancer** 1984 Mar-Apr; 21(1):36-44

Maternal and gestational factors affecting the risk of cryptorchidism and inguinal hernia. Depue RH. **Int J Epidemiol** 1984 Sep;13(3):311-8

Results of infertility studies on 1001 DES-exposed and non DES-exposed consecutive patients. Horne HW Jr, et al. **Int J Fertil** 1985;30(1):46-9

Prenatal monosodium glutamate (MSG) treatment given through the mother's diet causes behavioral deficits in rat offspring. Frieder B, et al. **Int J Neurosci** 1984 Apr; 23(2):117-26

Prenatal and lactational transmission of Toxocara canis and Ancylostoma caninum: experimental infection of the bitch before pregnancy. Burke TM, et al. **Int J Parasitol** 1985 Feb;15(1):71-5

Maternal diet and mental retardation in southern Georgia, USA. Caster WO, et al. **Int J Vitam Nutr Res** 1984; 54(4):371-5

Effects of oxytocin-induction of labor on neonatal hyperbilirubinemia. Davis GH. **J Am Osteopath Assoc** 1984 Dec;84(4):365-7

Spontaneous abortions and malformations in the offspring of nurses exposed to anaesthetic gases, cytostatic drugs, and other potential hazards in hospitals, based on registered information of outcome. Hemminki K, et al. **J Epidemiol Community Health** 1985 Jun;39(2):141-7

Effects of exposing Drosophila melanogaster parents to ethanol on expression of vestigial in their progeny. Giesel JT, et al. **J Exp Zool** 1985 Mar;233(3):467-71

Drug and environmental exposure histories in selective patient populations. Van Dyke DC, et al. **J Fam Pract** 1985 Jan;20(1):51-4

Behavioral teratology--results achieved and perspectives of development. Vergieva T. **J Hyg Epidemiol Microbiol Immunol** 1985;29(2):121-7

Some long-lasting neurochemical effects of prenatal or early postnatal exposure to diazepam. Frieder B, et al. **J Neurochem** 1985 Jul;45(1):37-42

Dopamine, serotonin, and acid metabolites in brain regions from the developing offspring of ethanol-treated rats. Rathbun W, et al. **J Neurochem** 1985 Jan;44(1):57-62

Alteration in the postnatal ontogeny of cerebellar norepinephrine content following chronic prenatal carbon monoxide. Storm JE, et al. **J Neurochem** 1985 Sep; 45(3):965-9

Taurine deficiency in the developing cat: persistence of the cerebellar external granule cell layer. Sturman JA, et al. **J Neurosci Res** 1985;13(3):405-16

The cumulative scanning electron microscopic changes in baby mouse lungs following prenatal and postnatal exposures to nicotine. Wang NS, et al. **J Pathol** 1984 Oct; 144(2):89-100

Neonatal pancytopenia after maternal azathioprine therapy [letter] Alter BP. **J Pediatr** 1985 Apr;106(4):691

Pure calcium carbonate gallstones in a two year old in association with prenatal calcium supplementation. Powell RW. **J Pediatr Surg** 1985 Apr;20(2):143-4

Menstrual history and fecundity of women exposed and unexposed in utero to diethylstilbestrol. Barnes AB. **J Reprod Med** 1984 Sep;29(9):651-5

Regression of cervicovaginal abnormalities in DES-exposed women. A comparison of changes in sexually inactive women and the effects of the onset of sexual activity. Frank AR, et al. **J Reprod Med** 1985 May;30(5):400-3

Males exposed in utero to diethylstilbestrol. Leary FJ, et al. **JAMA** 1984 Dec 7;252(21):2984-9

Toxic epidermal necrolysis associated with maternal use of heparin [letter] Leung A. **JAMA** 1985 Jan 11;253(2):201

Increased incidence of cervical and vaginal dysplasia in 3,980 diethylstilbestrol-exposed young women. Experience of the National Collaborative Diethylstilbestrol Adenosis Project. Robboy SJ, et al. **JAMA** 1984 Dec 7;252(21):2979-83

Ultrasound examinations in pregnancy and childhood cancer. Cartwright RA, et al. **Lancet** 1984 Nov 3;2(8410):999-1000

Obstetric ultrasound and childhood malignancies. Kinnier Wilson LM, et al. **Lancet** 1984 Nov 3;2(8410):997-9

Prenatal stress impairs maternal behavior in a conflict situation and reduces hippocampal benzodiazepine receptors. Fride E, et al. **Life Sci** 1985 Jun 3;36(22):2103-9

Prenatal chlordiazepoxide effects on metrazol seizures and benzodiazepine receptors density in adult albino rats. Gavish M, et al. **Life Sci** 1985 May 6;36(18):1693-8

Diethylstilbestrol, genetics, teratogenesis, and tumor spectrum in humans. Lynch HT, et al. **Med Hypotheses**

1985 Mar;16(3):315–32 (56 ref.)

DES exposure in utero [letter] Alder RM, et al. **Med J Aust** 1985 May 27;142(11):617–8

Diethylstilboestrol (DES) exposure in utero. Chanen W, et al. **Med J Aust** 1984 Oct 13;141(8):491–3

The DES story [editorial] Coppleson M. **Med J Aust** 1984 Oct 13;141(8):487–9

The effect of ethanol upon early development in mice and rats. VI. In vivo effect of acetaldehyde upon preimplantation stages in rats. Checiu M, et al. **Morphol Embryol (Bucur)** 1984 Jul–Sep;30(3):175–84

Prenatal X-ray exposure and childhood cancer in twins [letter] **N Engl J Med** 1985 Jun 13;312(24):1574–5

Prenatal x-ray exposure and childhood cancer in twins. Harvey EB, et al. **N Engl J Med** 1985 Feb 28;312(9):541–5

Prenatal x-ray exposure and twins [editorial] MacMahon B. **N Engl J Med** 1985 Feb 28;312(9):576–7

Developmental effects of drug dependence. Satellite session of meetings of the Committee on Problems of Drug Dependence. 15 June 1983, Lexington, Kentucky. **Neurobehav Toxicol Teratol** 1984 Jul–Aug;6(4):259–331

Factors affecting the outcome of maternal alcohol exposure: I. Parity. Abel EL, et al. **Neurobehav Toxicol Teratol** 1984 Sep–Oct;6(5):373–7

Early sensory-motor development and prenatal exposure to lead. Bellinger DC, et al. **Neurobehav Toxicol Teratol** 1984 Sep–Oct;6(5):387–402

Behavioural and neurochemical changes in offspring of rats exposed to methyl mercury during gestation. Cuomo V, et al. **Neurobehav Toxicol Teratol** 1984 May–Jun;6(3):249–54

Development and behavioral outcomes of perinatal inhibition of ornithine decarboxylase. Genedani S, et al. **Neurobehav Toxicol Teratol** 1985 Jan–Feb;7(1):57–65

Effects of prenatal caffeine administration on offspring mortality, open-field behavior and adult gastric ulcer susceptibility. Glavin GB, et al. **Neurobehav Toxicol Teratol** 1985 Jan–Feb;7(1):29–32

Behavioral and neuropathological effects of prenatal methylmercury exposure in mice. Inouye M, et al. **Neurobehav Toxicol Teratol** 1985 May–Jun;7(3):227–32

Hyperresponsiveness to methylphenidate in rats following prenatal ethanol exposure. Means LW, et al. **Neurobehav Toxicol Teratol** 1984 May–Jun;6(3):187–92

An investigation of prenatal cannabis exposure and minor physical anomalies in a low risk population. O'Connell CM, et al. **Neurobehav Toxicol Teratol** 1984 Sep–Oct;6(5):345–50

The effects of prenatal methylazoxymethanol acetate (MAM) on holeboard exploration and shuttle avoidance performance in rats. Plonsky M, et al. **Neurobehav Toxicol Teratol** 1985 May–Jun;7(3):221–6

Mitotic arrest in the developing CNS after prenatal exposure to methylmercury. Rodier PM, et al. **Neurobehav Toxicol Teratol** 1984 Sep–Oct;6(5):379–85

Effects of chronic exposure to alcohol on the developing brain. Schapiro MB, et al. **Neurobehav Toxicol Teratol** 1984 Sep–Oct;6(5):351–6

Overview: developmental effects of drug dependence. Sonderegger T, et al. **Neurobehav Toxicol Teratol** 1984 Jul–Aug;6(4):259–60

Nutritional issues in perinatal alcohol exposure. Weinberg J. **Neurobehav Toxicol Teratol** 1984 Jul–Aug;6(4):261–9

Effect of gestational and neonatal styrene exposure on dopamine receptors. Zaidi NF, et al. **Neurobehav Toxicol Teratol** 1985 Jan–Feb;7(1):23–8

Morphometric effects of exposure to lead during the preweaning period on the hippocampal formation of aging rats. Kawamoto JC, et al. **Neurobiol Aging** 1984 Winter;5(4):297–307

The effect of exposure to diazepam through the placenta or through the mother's milk. Histological findings in slices of rat brain. Frieder B, et al. **Neuropharmacology** 1984 Sep;23(9):1099–104

Benzodiazepines and the developing rat: a critical review. Tucker JC. **Neurosci Biobehav Rev** 1985 Spring;9(1):101–11 (105 ref.)

Functional consequences of prenatal exposure to lead in immature rats. Rabe A, et al. **Neurotoxicology (Little Rock Ar)** 1985 Spring;6(1):43–53

Mental development of children whose mothers smoked during pregnancy. Naeye RL, et al. **Obstet Gynecol** 1984 Nov;64(5):601–7

Evaluation of seven- to nine-year-old children exposed to ritodrine in utero. Polowczyk D, et al. **Obstet Gynecol** 1984 Oct;64(4):485–8

Maternal drugs and congenital heart disease. Zierler S. **Obstet Gynecol** 1985 Feb;65(2):155–65 (79 ref.)

Prenatal maternal stress: differential effects upon male and female offspring responses to restraint stress as adults. Glavin GB. **Pavlov J Biol Sci** 1984 Jul–Sep;19(3):157–9

Factors affecting head growth and intellectual function in children of drug addicts. Lifschitz MH, et al. **Pediatrics** 1985 Feb;75(2):269–74

Opiate self-administration in adult offspring of methadone-treated female rats. Hovious JR, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):949–53

Effects of prenatal exposure to morphine on the development of sexual behavior in rats. Vathy IU, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):227–32

Facilitative effects of maternal environmental enrichment on maze learning in rat offspring. Kiyono S, et al. **Physiol Behav** 1985 Mar;34(3):431–5

Influence of maternal PBB body burden on the response to drugs. Gause EM, et al. **Proc West Pharmacol Soc** 1984;27:501–6

Prenatal exposure to ethanol alters responding in a 'behavioral despair' paradigm. Nelson LR, et al. **Proc West Pharmacol Soc** 1984;27:583–6

Chronic maternal methadone exposure and response to analgesics. Peters MA, et al. **Proc West Pharmacol Soc** 1984;27:527–31

Prenatal gonadal steroidal influences on gender-related behavior. Reinisch JM, et al. **Prog Brain Res** 1984;61:407–16 (39 ref.)

Some problems with investigations and epidemiologic studies relating to pregnancy. Mantel N. **Prog Clin Biol Res** 1985;163B:45–8

Depression in adults with a history of prenatal DES exposure. Meyer-Bahlburg HF, et al. **Psychopharmacol Bull** 1985;21(3):686–9

Maternal barbiturate administration and offspring response to shock. Martin JC, et al. **Psychopharmacology (Berlin)** 1985;85(2):214–20

Opioid but not nonopioid stress-induced analgesia is enhanced following prenatal exposure to ethanol. Nelson LR, et al. **Psychopharmacology (Berlin)** 1985;85(1):92–6

Smoking and pregnancy: II. Offspring risks. McIntosh ID. **Public Health Rev** 1984;12(1):29–63

Prenatal nicotine exposure increases adrenergic receptor binding in the rat cerebral cortex. Peters DA. **Res Commun Chem Pathol Pharmacol** 1984 Dec;46(3):307–17

Endometrium cell surface abnormalities in the Syrian hamster as a result of in utero exposure to diethylstilbestrol. Gilloteaux J, et al. **Scan Electron Microsc** 1985;(Pt 1):303–9

The heritability of smoking behaviour in pregnancy, and the birth weights of offspring of smoking-discordant twins. Magnus P, et al. **Scand J Soc Med** 1985;13(1):29–34

Injection of diethylstilbestrol on the first day of incubation affects morphology of sex glands and reproductive behavior of Japanese quail. Gildersleeve RP, et al. **Teratology** 1985 Feb;31(1):101–9

Goldenhar syndrome, anterior encephalocele, and aqueductal stenosis following fetal primidone exposure. Gustavson EE, et al. **Teratology** 1985 Aug;32(1):13–7

Immediate and delayed effects of oligohydramnios on limb development in the rat: chronology and specificity. Houben JJ. **Teratology** 1984 Dec;30(3):403–11

Isotretinoin (Accutane) and pregnancy [letter] Kassis I, et al. **Teratology** 1985 Aug;32(1):145–6

Brain manganese, catecholamine turnover, and the development of startle in rats prenatally exposed to manganese. Kontur PJ, et al. **Teratology** 1985 Aug;32(1):1–11

Moderate prenatal carbon monoxide exposure produces persistent, and apparently permanent, memory deficits in rats. Mactutus CF, et al. **Teratology** 1985 Feb;31(1):1–12

Reproduction and fetal development in rats exposed to nitrous oxide. Mazze RI, et al. **Teratology** 1984 Oct;30(2):259–65

Synergistic effect of subteratogenic doses of antisera on the development in the rat. Miyata K, et al. **Teratology** 1984 Oct;30(2):275–9

Teratogen update: clinical aspects of thalidomide embryopathy––a continuing preoccupation. Newman CG. **Teratology** 1985 Aug;32(1):133–44

Acentric craniofacial cleft in a newborn female prenatally exposed to a high dose of diazepam. Rivas F, et al. **Teratology** 1984 Oct;30(2):179–80

Threshold for carbon monoxide induced fetotoxicity. Singh J, et al. **Teratology** 1984 Oct;30(2):253–7

The effect of medroxyprogesterone acetate (Depo-Provera) on prenatal development in the baboon (Papio anubis): a preliminary study. Tarara R. **Teratology** 1984 Oct;30(2):181–5

Acetazolamide teratogenesis: interaction of maternal metabolic and respiratory acidosis in the induction of ectrodactyly in C57BL/6J mice. Weaver TE, et al. **Teratology** 1984 Oct;30(2):195–202

Acetazolamide teratogenesis: association of maternal respiratory acidosis and ectrodactyly in C57BL/6J mice. Weaver TE, et al. **Teratology** 1984 Oct;30(2):187–93

Effect of ethinyl estradiol on the differentiation of mouse fetal testis. Yasuda Y, et al. **Teratology** 1985 Aug;32(1):113–8

Low lead exposure from birth produces behavioral toxicity (DRL) in monkeys. Rice DC, et al. **Toxicol Appl Pharmacol** 1985 Sep 30;80(3):421–6

The effect of prenatal chlordane exposure on the delayed hypersensitivity response of BALB/c mice. Barnett JB, et al. **Toxicol Lett** 1985 May;25(2):173–83

Behavioral effects of drugs as a function of maternal polybrominated biphenyl body burden. Geller I, et al. **Toxicol Lett** 1985 Feb–Mar;24(2–3):229–34

Development of reflexes in neonatal mice prenatally exposed to methylmercury and selenite. Satoh H, et al. **Toxicol Lett** 1985 May;25(2):199–203

Reduction of brain specific gravity in mice prenatally exposed to trichloroethylene. Westergren I, et al. **Toxicol Lett** 1984 Nov;23(2):223–6

The postnatal effects of prenatal exposure to low doses of nitrofen (2,4-dichlorophenyl-p-nitrophenyl ether) in Sprague-Dawley rats. Ostby JS, et al. **Toxicology** 1985 Mar 29;34(4):285–97

Ultrasound: innocent until proven guilty [letter] Bang J, et al. **Ultrasound Med Biol** 1984 Sep–Oct;10(5):639

Qualitative and quantitative ultrastructural alterations in hepatocytes of rats prenatally exposed to ethanol with special reference to mitochondria, golgi apparatus and peroxisomes. Renau-Piqueras J, et al. **Virchows Arch [A]** 1985;405(2):237–51

Diethylstilbestrol (DES) update. A message from the DESAD Project. Powers D. **Wis Med J** 1985 Feb;84(2):11–4

[Does diethylstilbestrol also affect the fetal ovaries? (letter)] **Ned Tijdschr Geneeskd** 1984 Nov 10;128(45):2150–2 **(Dut)**

[Does diethylstilbestrol also affect the ovaries of the fetus?] Eskes TK, et al. **Ned Tijdschr Geneeskd** 1984 Aug 25;128(34):1601–3 **(Dut)**

[DES, more than an oncological problem] Huikeshoven FJ, et al. **Ned Tijdschr Geneeskd** 1984 Aug 18;128(33):1553–6 **(Dut)**

[Fertility and pregnancy following intrauterine exposure to diethylstilbestrol] Stolk JG. **Ned Tijdschr Geneeskd** 1984 Aug 18;128(33):1574–6 **(Dut)**

[The role of gestational factors in the formation of irreversible neurologic handicaps] Doyen J, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(4):431–8 (Eng. Abstr.) **(Fre)**

[Adipose tissue cellularity in the piglet as a function of the level of energy supply of the maternal diet and the number of young per litter] Desnoyers F, et al. **Reprod Nutr Dev** 1985;25(1B):197–210 (Eng. Abstr.) **(Fre)**

[Fertility disorders attributable to the use of diethylstilbestrol during intrauterine life] Drapier E. **Rev Fr Gynecol Obstet** 1984 Apr;79(4):297–300, 303–5 (30 ref.) (Eng. Abstr.) **(Fre)**

[Changes in the uterus following treatment of the mother with diethylstilbestrol ('DES-daughter')] Sanders FB, et al. **ROFO** 1985 May;142(5):563–6 (Eng. Abstr.) **(Ger)**

[Understanding of subclinical lead effects on the nervous system of children with known prenatal exposure in Nordenham] Winneke G, et al. **Schriftenr Ver Wasser Boden Lufthyg** 1984;59:215–30 **(Ger)**

[Effect of pre- and postnatal fluoride burdens on the fluoride content of the deciduous tooth enamel] Künzel W, et al. **Zahn Mund Kieferheilkd** 1985;73(1):3–9 (Eng. Abstr.) **(Ger)**

[Study on the postnatal neuro-behavioral development in rats treated prenatally with drugs acting on the autonomic nervous systems] Watanabe T, et al. **Nippon Yakurigaku Zasshi** 1985 Feb;85(2):79–90 (Eng. Abstr.) **(Jpn)**

[Effect of electromagnetic radiation in the fetal period on the survival of mouse offspring after experimental viral and bacterial infection or exposure to X-rays] Marcickiewicz J, et al. **Ginekol Pol** 1984 May;55(5):317–24 (Eng. Abstr.) **(Pol)**

[Effect of irradiating immature oocytes of mice of different ages with low doses of x-ray] Gajewski AK, et al. **Med Dosw Mikrobiol** 1984;36(3):189–94 (Eng. Abstr.) **(Pol)**

[Effect of sex steroids on the reproductive system of progeny] Gladkova AI. **Akush Ginekol (Mosk)** 1985 Jan;(1):5–8 (66 ref.) **(Rus)**

[Heredity and environment in the origin of neural tube defects] Golovachev GD. **Akush Ginekol (Mosk)** 1984 Oct;(10):9–11 **(Rus)**

[Emotions, pregnancy and progeny] Savchenkov IuI, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):12–5 (Eng. Abstr.) **(Rus)**

[Influence of anticarcinogenic agents on the transplacental carcinogenic effect of N-nitroso-N-ethylurea] Bespalov VG, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):73–6 (Eng. Abstr.) **(Rus)**

[Effect of intrauterine ethanol exposure on higher nervous activity and on protein and lipid metabolic indices of the brain in rats] Zabludovskiĭ AL, et al. **Biull Eksp Biol Med** 1985 May;99(5):545–8 (Eng. Abstr.) **(Rus)**

[Effect of polypeptide factors of the thymus, pineal gland, bone marrow and anterior hypothalamus on the realization of transplacental carcinogenesis] Bespalov VG, et al. **Eksp Onkol** 1984;6(5):27–30 (Eng. Abstr.) **(Rus)**

[DNA levels in the cell nuclei of nervous system tumors induced by ethylnitrosourea] Khalanskiĭ AS, et al. **Eksp Onkol** 1984;6(1):32–6 (Eng. Abstr.) **(Rus)**

[Histochemical appearance of gamma-glutamyltranspeptidase in the rat liver after transplacental exposure to diethylnitrosamine and postnatal administration of phenobarbital] Vinarchuk MP, et al. **Eksp Onkol** 1984;6(5):30–3 (Eng. Abstr.) **(Rus)**

[Antenatal effect of imipramine on the ontogeny of the imipramine receptors in the cerebral cortex of rats] Pirogova MV, et al. **Farmakol Toksikol** 1985 Mar–Apr;48(2):35–8 (Eng. Abstr.) **(Rus)**

[Postnatal development of rat progeny after antenatal nicotine exposure] Sheveleva GA, et al. **Farmakol Toksikol** 1984 Sep–Oct;47(5):85–9 (Eng. Abstr.) **(Rus)**

[Development of progeny after antenatal exposure to lithium oxybutyrate] Smol'nikova NM, et al. **Farmakol Toksikol** 1985 Jan–Feb;48(1):73–6 (Eng. Abstr.) **(Rus)**

[Genetic aspects of the hormonal modification of stress reactivity. I. The prenatal effect of hydrocortisone on the reactivity of the hypophyseoadrenal system of adult August and Wistar strain rats and their 1st generation hybrids] Dygalo NN, et al. **Genetika (Moskva)** 1984 Dec; 20(12):1974–80 (Eng. Abstr.) **(Rus)**

[Combined embryotoxic effect of formaldehyde and UV irradiation (pre- and postnatal effects)] Il'in VP, et al. **Gig Sanit** 1985 Mar;(3):78–9 **(Rus)**

[Effect of selenium on transplacental carcinogenesis] Bespalov VG, et al. **Vopr Onkol** 1984;30(9):81–5 (Eng. Abstr.) **(Rus)**

[Effect of oils heated with aniline on development in the Wistar rat] Alía M, et al. **Arch Farmacol Toxicol** 1985 Apr; 11(1):63–8 (Eng. Abstr.) **(Spa)**

PRENAZONE see under **PHENYLBUTAZONE**

PRENIDATION PHASE see **PREIMPLANTATION PHASE**

PRENYLAMINE

ADVERSE EFFECTS

Ventricular tachycardia precipitated by sodium iothalamate (Conray 420) injection during prenylamine treatment: a predictable adverse drug interaction. Duncan JS, et al. **Postgrad Med J** 1985 May;61(715):415–7

[A case of prenylamine syncope (torsades de pointes)] Oda E, et al. **Kokyu To Junkan** 1985 Mar;33(3):453–8 (Eng. Abstr.) **(Jpn)**

PREOPERATIVE CARE

Preoperative hemodynamic assessment in geriatric patients for elective surgery. Bertrand YM, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:155–65

Bleeding during transurethral prostatectomy. Is preoperative blood request necessary? Gatenbeck L, et al. **Acta Chir Scand [Suppl]** 1984;520:97–100

Routine preoperative exercise testing in patients undergoing major noncardiac surgery. Carliner NH, et al. **Am J Cardiol** 1985 Jul 1;56(1):51–8

The preoperative angiogram as a predictor of peripheral vascular runoff. Menzoian JO, et al. **Am J Surg** 1985 Sep; 150(3):346–52

Mechanical preparation of the large bowel for elective surgery. Comparison of whole-gut lavage with the conventional enema and purgative technique. Panton ON, et al. **Am J Surg** 1985 May;149(5):615–9

Preoperative coronary artery bypass grafting in patients undergoing abdominal aortic reconstruction. Toal KW, et al. **Am J Surg** 1984 Dec;148(6):825–9

The effect of preoperative treatment with cimetidine on postoperative wound sepsis. Feretis CB, et al. **Am Surg** 1984 Nov;50(11):594–8

The use of magnesium sulfate in the anesthetic management of pheochromocytoma. James MF. **Anesthesiology** 1985 Feb;62(2):188–90

Preoperative radiation therapy for clinically resectable adenocarcinoma of the rectum. Mendenhall WM, et al. **Ann Surg** 1985 Aug;202(2):215–22

The elderly patient. Crawford FJ. **AORN J** 1985 Feb; 41(2):356–9

Patient anxiety levels. An ambulatory surgery study. Kempe AR, et al. **AORN J** 1985 Feb;41(2):390–1, 394, 396

Chest physical therapy: comparative efficacy of preoperative and postoperative in the elderly. Castillo R, et al. **Arch Phys Med Rehabil** 1985 Jun;66(6):376–9

Care of infants having cardiac surgery. Behrendt DM. **Arq Bras Cardiol** 1984 May;42(5):367–72

Perioperative nutritional support in cancer patients. Dionigi R, et al. **Bibl Nutr Dieta** 1985;(35):85–94

Complications of whole gut irrigation [letter] Schein M, et al. **Br J Surg** 1985 Apr;72(4):329

Practice of preoperative assessment by anaesthetists. Curran J, et al. **Br Med J [Clin Res]** 1985 Aug 10;291(6492):391–3

Survival following moderate-dose preoperative radiation therapy for carcinoma of the rectum. Friedmann P, et al. **Cancer** 1985 Mar 1;55(5):967–73

Combined preoperative and postoperative radiation for bladder cancer. Results of RTOG/Jefferson Study. Mohiuddin M, et al. **Cancer** 1985 Mar 1;55(5):963–6

Intravenous digital subtraction aortography in the preoperative and postoperative evaluation of Marfan's aortic disease. Detrano R, et al. **Chest** 1985 Aug; 88(2):249–53

Preanesthetic and preoperative evaluation. Adler AG. **Del Med J** 1985 Jun;57(6):361–6

Preoperative radiation therapy and sphincter preservation by the combined abdominotranssacral technique for selected rectal cancers. Marks G, et al. **Dis Colon Rectum** 1985 Aug; 28(8):565–71

Phytohemagglutinin skin test for the immunological assessment of the surgical patient. Meijer S, et al. **Eur Surg Res** 1984;16(6):348–53

Enteral hyperalimentation in malnourished surgical patients. Shukla HS, et al. **Indian J Med Res** 1984 Sep;80:339–46

Low-level exercise testing before and after coronary artery bypass surgery. Christopherson DJ, et al. **Int J Nurs Stud** 1984;21(4):241–53

Surgical repair of uncomplicated atrial septal defect without 'routine' preoperative cardiac catheterization. Shub C, et al. **J Am Coll Cardiol** 1985 Jul;6(1):49–54

Clinical experience with preoperative myocardial nutrition management. Lolley DM, et al. **J Cardiovasc Surg (Torino)** 1985 May–Jun;26(3):236–43

The risk-benefit of autotransfusion [letter] Olivero S, et al. **J Trauma** 1985 May;25(5):466

Clinical experience with preoperative coronary angiography. Hertzer NR. **J Vasc Surg** 1985 May;2(3):510–4

The usefulness of preoperative laboratory screening. Kaplan EB, et al. **JAMA** 1985 Jun 28;253(24):3576–81

Is there a need for routine preoperative laboratory tests? [editorial] Lundberg GD. **JAMA** 1985 Jun 28;253(24):3589

Reduction of skin flora by pre-operative disinfection and bacterial recontamination of the skin, instruments and linens during operation. Nagai I, et al. **Med J Osaka Univ** 1984 Mar;34(3–4):61–7

Determination of cardiac risk by dipyridamole-thallium imaging before peripheral vascular surgery. Boucher CA, et al. **N Engl J Med** 1985 Feb 14;312(7):389–94

Preparing the medically compromised patient for surgery. Elliot DL, et al. **Postgrad Med** 1985 Mar;77(4):269–71, 274–5, 278 passim

Antibiotic therapy in surgical patients [letter] Childs SJ. **South Med J** 1984 Nov;77(11):1480–1

Preoperative skeletal traction in Legg-Perthes disease. Killian JT, et al. **South Med J** 1985 Aug;78(8):928–32

The use of skin staples to secure skin towels in areas difficult to drape. Morris DM. **Surg Gynecol Obstet** 1984 Oct; 159(4):387

Effect of pretreatment with donor-specific blood transfusion in renal transplantation. Huang CC, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Aug;83(8):807–13

The effect of donor pretreatment on interstitial dendritic cell content and rat cardiac allograft survival. McKenzie JL, et al. **Transplantation** 1984 Oct;38(4):371–6

Preoperative evaluations by an internist--are they worthwhile? Levinson W. **West J Med** 1984 Sep; 141(3):395–8

[Pre- and postoperative care of patients with scoliosis] Lu FL, et al. **Chung Hua Hu Li Tsa Chih** 1985 Feb;20(1):25–6 **(Chi)**

[Skin disinfection before parenteral interventions] Svec J, et al. **Cesk Epidemiol Mikrobiol Imunol** 1984 Jul;33(4):243–8 (Eng. Abstr.) **(Cze)**

[Results of a microbiological examination of the conjunctival sac at the Eye Clinic in Brno 1979–1983 in patients with planned intraocular surgery] Synek S, et al. **Cesk Oftalmol** 1985 Jul;41(4):216–21 (Eng. Abstr.) **(Cze)**

[The role of the hepatologist in preoperative preparation and postoperative care of patients with liver diseases] Brodanová M. **Rozhl Chir** 1984 Dec;63(12):839–44 (Eng. Abstr.) **(Cze)**

[Anesthesia and homeostasis in microsurgical procedures] Getlík P. **Rozhl Chir** 1985 Feb;64(2):75–8 (Eng. Abstr.) **(Cze)**

[Chemical depilation versus shaving. A controlled clinical trial of self-depilation in ambulatory surgery] Thorup J, et al. **Ugeskr Laeger** 1985 Mar 25;147(13):1108–10 (Eng. Abstr.) **(Dan)**

[Guidelines for preoperative laboratory studies in healthy patients (ASA I). Commission Preoperative Laboratory Studies of the Academic Medical Center in Amsterdam] **Ned Tijdschr Geneeskd** 1984 Dec 15;128(50):2353–6 **(Dut)**

[Report on Preoperative Laboratory Studies] Schreuder C. **Ned Tijdschr Geneeskd** 1984 Dec 15;128(50):2356–7 **(Dut)**

[Drastic measures in preoperative laboratory diagnosis] van der Meer J. **Ned Tijdschr Geneeskd** 1984 Dec 15; 128(50):2357–8 **(Dut)**

[Immunologic selection of renal transplant donors and recipients: blood transfusions] Seignalet J, et al. **Nephrologie** 1984;5(3):123–9 (60 ref.) (Eng. Abstr.) **(Fre)**

[Preoperative evaluation of pulmonary function] Beauchamp G, et al. **Union Med Can** 1985 Mar;114(3):222–4, 226 (Eng. Abstr.) **(Fre)**

[Evaluation of renal function and preoperative preparation of high-risk patients] Girard RM, et al. **Union Med Can** 1984 Aug;113(8):656–60 (Eng. Abstr.) **(Fre)**

[Prognostically unfavorable factors in esophagus cancer. III. Operative therapy of esophagus cancer--effect of preoperative measures on prognosis in curative resection] Weitensfelder W, et al. **Chirurg** 1985 Mar;56(3):161–5 (Eng. Abstr.) **(Ger)**

[Benefit and risk of preoperative bile drainage from the surgical viewpoint] Trede M, et al. **Dtsch Med Wochenschr** 1985 Apr 4;110(14):556–9 **(Ger)**

[Perioperative blood component therapy] Probst M. **Fortschr Med** 1985 Apr 4;103(13):351–4 (Eng. Abstr.) **(Ger)**

[Evaluation of procedures for vaginal disinfection] Wewalka G, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec; 179(6):555–65 (Eng. Abstr.) **(Ger)**

[Exercise testing for evaluating the preoperative conditions of general surgical patients] Hirokawa M, et al. **Masui** 1985 Apr;34(4):415–22 (Eng. Abstr.) **(Jpn)**

[The effects of preoperative irradiation therapy in advanced stomach cancer] Kanazawa K, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):1058–61 (Eng. Abstr.) **(Jpn)**

[Thrombus formation and its prevention during extracorporeal circulation--effect of preoperative administration with the antiplatelet drugs] Takayama T. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Dec; 32(12):2076–89 (Eng. Abstr.) **(Jpn)**

[Clinical value of contrast enema in surgical practice] Bielecki K. **Wiad Lek** 1985 Feb 15;38(4):283–5 (Eng. Abstr.) **(Pol)**

[Dynamics of the bioelectrical activity of the brain during application of electroacupuncture] Poluianova LA, et al. **Anesteziol Reanimatol** 1984 Sep–Oct;(5):19–22 (Eng. Abstr.) **(Rus)**

[Will I survive the operation, doctor?] Estopà Miró R. **Med Clin (Barc)** 1985 Feb 2;84(4):150–1 **(Spa)**

ECONOMICS

Cost-effectiveness of preoperative parenteral nutrition in patients undergoing major gastrointestinal surgery. Detsky AS, et al. **JPEN** 1984 Nov–Dec;8(6):632–7

Extensive pre-operative shaving: a costly exercise. Bird BJ, et al. **NZ Med J** 1984 Oct 24;97(766):727–9

METHODS

Preoperative cardiac screening before peripheral vascular operations. Jain KM, et al. **Am Surg** 1985 Feb;51(2):77–9

Perioperative management of newborn pharyngeal teratomas. Diaz JH, et al. **Anesthesiology** 1984 Nov;61(5):608–10

Prospective studies of laboratory and radiologic tests in the management of colon and rectal cancer patients: I. Selection of useful preoperative tests through an analysis of surgically occult metastases. Gianola FJ, et al. **Dis Colon Rectum** 1984 Dec;27(12):811–8

Preoperative manual detorsion of the torsed spermatic cord. Cattolica EV. **J Urol** 1985 May;133(5):803–5

Preoperative lymph node evaluation in prostatic cancer patients who are surgical candidates: the role of lymphangiography and computerized tomography scanning with directed fine needle aspiration. Flanigan RC, et al. **J Urol** 1985 Jul;134(1):84–7

Selective pre-transplant nephrectomy: indications and perioperative management. Sheinfeld J, et al. **J Urol** 1985 Mar;133(3):379–82

The principles, structure and function of the J.G. Strijdom Hospital pre-operative assessment clinic. Plit M, et al. **S Afr J Surg** 1984 Aug–Sep;22(3):203–9

Preoperative evaluation of the high-risk patient. Jewell ER, et al. **Surg Clin North Am** 1985 Feb;65(1):3–19 (29 ref.)

Preoperative evaluation of the biliary tract. Shea JA. **Surg Clin North Am** 1985 Feb;65(1):47–58 (17 ref.)

[Importance of the preoperative bathing of patients with the Hibiscrub preparation--a bacteriological and clinical study] Dimitrov Ia, et al. **Khirurgiia (Sofiia)** 1984;37(5):355–8 **(Bul)**

[Orthograde preparation of the large intestine] Charvát T. **Rozhl Chir** 1984 Dec;63(12):823–5 (Eng. Abstr.) **(Cze)**

[Value of a preanesthetic energetic evaluation] Gueniot G. **Agressologie** 1984 Nov;25(11):1203–8 (Eng. Abstr.) **(Fre)**

[Treatment of colorectal cancer in the last 35 years--perioperative requirements and postoperative results] Grundmann R, et al. **Leber Magen Darm** 1984 Jul; 14(4):174–80 (Eng. Abstr.) **(Ger)**

[Modern mechanical antibiotic preparation in colorectal operations. Results of a prospective study] Hildebrandt J, et al. **Zentralbl Chir** 1985;110(2–3):93–7 (Eng. Abstr.) **(Ger)**

[Intestinal preparation for endoscopic examination and colorectal surgery] Stella M, et al. **Ann Ital Chir** 1984; 56(4):381–93 (Eng. Abstr.) **(Ita)**

[Respiratory and circulatory management of patients with esophageal carcinoma before and after radical surgical treatment] Kakegawa T, et al. **Rinsho Kyobu Geka** 1984 Sep;4(5):641–7 (4 ref.) (Eng. Abstr.) **(Jpn)**

[Preoperative preparation of the colon] Ionescu GN, et al. **Rev Chir [Chir]** 1985 Jan–Feb;34(1):29–36 (Eng. Abstr.) **(Rum)**

[Hydrochloric acid solution in the combined preoperative therapy of decompensated pyloric stenosis] Sukhorukov VP, et al. **Klin Khir** 1984 Aug;(8):72–5 (Eng. Abstr.) **(Rus)**

[Preoperative preparation in the surgical treatment of cancer of the large intestine] Knysh VI, et al. **Klin Med (Mosk)** 1985 Jan;63(1):146–9 **(Rus)**

[Preparation of the physician and the patient for transurethral operations] Astaf'ev VV. **Urol Nefrol (Mosk)** 1985 May–Jun;(3):30–3 (Eng. Abstr.) **(Rus)**

[Use of extracorporeal hemosorption for the preoperative preparation of toxic goiter patients] Kariakin AM, et al. **Vestn Khir** 1984 Dec;133(12):78–80 (Eng. Abstr.) **(Rus)**

[Use of plasmapheresis for the preoperative preparation of toxic goiter patients] Neimark II, et al. **Vestn Khir** 1985 Apr;134(4):106–10 (Eng. Abstr.) **(Rus)**

[Indicators of nonspecific resistance of the body of patients with stomach cancer subjected to different methods of preoperative care] Tomashchik EA. **Vestn Khir** 1984 Aug; 133(8):29–32 (Eng. Abstr.) **(Rus)**

PSYCHOLOGY

The pre-operative visit: a source of anxiety [letter] Pither C. **Anaesthesia** 1985 Jul;40(7):698

[Preparing children and their parents for surgical interventions in a reconstructive plastic surgery division] Bregani P, et al. **Pediatr Med Chir** 1984 May–Jun;6(3):425–9 (Eng. Abstr.) **(Ita)**

[Psychological preparation of preoperative surgical cancer patients] Mizuguchi T, et al. **Masui** 1984 Jul;33(7):747–53 (Eng. Abstr.) **(Jpn)**

STANDARDS

[Indications for roentgen studies: 'preoperative thorax'] Stier M. **Radiol Diagn (Berl)** 1984;25(4):397–403 **(Ger)**

TRENDS

[Preoperative anesthesiology clinic. 7 years in service] Pappagallo S, et al. **Minerva Anestesiol** 1984 Dec; 50(12):619–34 (Eng. Abstr.) **(Ita)**

PREOPTIC AREA

ANALYSIS

An apparent genetic polymorphism for a protein present in the hypothalamus of Sprague–Dawley rats. Scouten CW, et al. **Brain Res** 1985 Mar 18;330(1):170–3

A quantitative, immunochemical demonstration of the postnatal development of neurotensin in the medial preoptic area of the rat. Wolfson B, et al. **Brain Res** 1985 Feb; 350(1–2):241–50

A possible physiological basis for the dud–stud phenomenon. Clark AS, et al. **Horm Behav** 1985 Jun;19(2):227–30

Luteinizing hormone–releasing hormone neurons in human preoptic/hypothalamus: differential intraneuronal localization of immunoreactive forms. King JC, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):88–97

ANATOMY & HISTOLOGY

The cells of origin of a sexually dimorphic serotonergic input to the medial preoptic nucleus of the rat. Simerly RB, et al. **Brain Res** 1984 Dec 17;324(1):185–9

Afferent and efferent connections of the medial preoptic area in the rat: a WGA–HRP study. Chiba T, et al. **Brain Res Bull** 1985 Mar;14(3):261–72

Sexually dimorphic regions in the medial preoptic area and the bed nucleus of the stria terminalis of the guinea pig brain: a description and an investigation of their relationship to gonadal steroids in adulthood. Hines M, et al. **J Neurosci** 1985 Jan;5(1):40–7

A sexually dimorphic nucleus in the human brain. Swaab DF, et al. **Science** 1985 May 31;228(4703):1112–5

CYTOLOGY

Influence of perinatal androgen on the sexually dimorphic distribution of tyrosine hydroxylase–immunoreactive cells and fibers in the anteroventral periventricular nucleus of the rat. Simerly RB, et al. **Neuroendocrinology** 1985 Jun; 40(6):501–10

DRUG EFFECTS

Postsynaptic actions of neurotensin on preoptic–anterior hypothalamic neurons in vitro. Baldino F Jr, et al. **Brain Res** 1985 Jan 28;325(1–2):161–70

Alpha 1–noradrenergic receptor blockade decreases nuclear estrogen receptor binding in guinea pig hypothalamus and preoptic area. Clark AS, et al. **Brain Res** 1985 Mar 18; 330(1):197–9

Angiotensin–estrogen central interaction: localization and mechanism. Jonklaas J, et al. **Brain Res** 1985 Feb 11; 326(2):239–49

Sleep–awake responses elicited from medial preoptic area on application of norepinephrine and phenoxybenzamine in free moving rats. Mohan Kumar V, et al. **Brain Res** 1984 Nov 26;322(2):322–5

Reversal of the sexually dimorphic distribution of serotonin–immunoreactive fibers in the medial preoptic nucleus by treatment with perinatal androgen. Simerly RB, et al. **Brain Res** 1985 Aug 5;340(1):91–8

Injections of phentolamine into the anterior hypothalamus–preoptic area of rats blocks both pressor and drinking responses produced by central administration of angiotensin II. Jones DL. **Brain Res Bull** 1984 Jul; 13(1):127–33

Hypothalamic monoaminergic mechanisms of aspirin–induced analgesia in monkeys. Shyu KW, et al. **J Neural Transm** 1985;62(3–4):285–93

Effects of cholecystokinin octapeptide on thermoregulatory responses and hypothalamic neuronal activity in the rat. Shian LR, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Feb;328(4):363–7

Supplemental progesterone delays heat termination and the loss of progestin receptors from hypothalamic cell nuclei in female guinea pigs. Brown TJ, et al. **Neuroendocrinology** 1984 Nov;39(5):384–91

Cardiovascular effects of dynorphin A–(1–8), dynorphin A–(1–13) and dynorphin A–(1–17) microinjected into the preoptic medialis nucleus of the rat. Feuerstein G, et al. **Neuropeptides** 1984 Dec;5(1–3):295–8

Changes in dopamine sensitivity in isolated neurons of the preoptic region during the estrous cycle. Ignatkov VYa, et al. **Neurosci Behav Physiol** 1984 Sep–Oct;14(5):380–4

Inhibition of flank–marking behavior in golden hamsters by microinjection of a vasopressin antagonist into the hypothalamus. Ferris CF, et al. **Neurosci Lett** 1985 Apr 9;55(2):239–43

Capsaicin impairs preoptic serotonin–sensitive structures mediating hypothermia in rats. Hajós M, et al. **Neurosci Lett** 1985 Feb 28;54(1):97–102

Effects of leukocytic pyrogen and sodium salicylate on hypothalamic thermosensitive neurons in vitro. Hori T, et al. **Neurosci Lett** 1984 Aug 31;49(3):313–8

Pharmacological and anatomical aspects of cholinergic activation of female sexual behavior. Dohanich GP, et al. **Physiol Behav** 1984 Jun;32(6):1021–6

Suppression of sexual behavior and localization of [3H] puromycin after intracranial injection in the rat. Renner KJ, et al. **Physiol Behav** 1984 Sep;33(3):411–4

Effects of thalidomide and pentobarbital on neuronal activity in the preoptic area during sleep and wakefulness in the cat. Kaitin KI. **Psychopharmacology (Berlin)** 1985; 85(1):47–50

EMBRYOLOGY

Formation of the sexually dimorphic nucleus of the preoptic area: neuronal growth, migration and changes in cell number. Jacobson CD, et al. **Brain Res** 1985 Jul;353(1):7–18

Estrogen and progestin receptors appear in transplanted fetal hypothalamus–preoptic area independently of the steroid environment. Paden CM, et al. **J Neurosci** 1985 Sep; 5(9):2374–81

ENZYMOLOGY

Choline acetyltransferase activity in the pars distalis, preoptic area and striatum during the rat estrous cycle. Simpson J, et al. **Neuroendocrinology** 1985 May;40(5):444–9

GROWTH & DEVELOPMENT

Corticosterone stimulates the development of preoptic catecholamine neurons in tadpoles Bufo bufo japonicus. Miyakawa M, et al. **Anat Embryol (Berl)** 1984;170(2):113–5

Effects of prenatal stress on differentiation of the sexually dimorphic nucleus of the preoptic area (SDN–POA) of the rat brain. Anderson DK, et al. **Brain Res** 1985 Apr 15;332(1):113–8

Karyometric changes in the development of the medial and lateral preoptic area of the mouse after gonadectomy. Pérez Delgado MM, et al. **J Hirnforsch** 1985;26(3):239–43

METABOLISM

Influence of dehydration on cytoplasmic RNA in the neurocytes of the preoptic nucleus of Rana temporaria L. in the annual cycle. Lach H, et al. **Acta Morphol Hung** 1984;32(2):105–11

Determinations of catecholamine half–lives and turnover rates in discrete catecholamine nerve terminal systems of the hypothalamus, the preoptic region and the forebrain by quantitative histofluorimetry. Andersson K, et al. **Acta Physiol Scand** 1985 Apr;123(4):411–26

Evidence for corticotropin releasing factor and Leu–enkephalin in the neural projection from the lateral parabrachial nucleus to the median preoptic nucleus: a retrograde transport, immunohistochemical double labeling study in the rat. Lind RW, et al. **Brain Res** 1984 Nov 12; 321(2):217–24

The distribution of monoaminergic cells and fibers in a periventricular preoptic nucleus involved in the control of gonadotropin release: immunohistochemical evidence for a dopaminergic sexual dimorphism. Simerly RB, et al. **Brain Res** 1985 Mar 18;330(1):55–64

1–(o–Chlorophenyl)–1 (p-chlorophenyl)2,2,2–trichloroethane induces functional progestin receptors in the rat hypothalamus and pituitary gland. Brown TJ, et al. **Endocrinology** 1984 Dec; 115(6):2052–8

Luteinizing hormone releasing hormone containing synapses in the diagonal band and preoptic area of the guinea pig. Silverman AJ. **J Comp Neurol** 1984 Aug 10;227(3):452–8

Changes in concentrations and rate of decline of adrenaline in the medial preoptic area and mediobasal hypothalamus of acutely ovariectomized steroid–treated rats. MacKinnon P, et al. **J Endocrinol** 1985 Jan;104(1):129–35

Decline of GABA uptake in the hamster preoptic area following light offset. Barkai AI, et al. **J Neurochem** 1985 Mar;44(3):987–9

Muscarinic receptors in the preoptic area are sensitive to 17 beta–estradiol during the critical period. Egozi Y, et al. **Neuroendocrinology** 1985 May;40(5):385–92

Demonstration of serotoninergic axons terminating on luteinizing hormone–releasing hormone neurons in the preoptic area of the rat using a combination of immunocytochemistry and high resolution autoradiography. Kiss J, et al. **Neuroscience** 1985 Jan; 14(1):69–78

PATHOLOGY

Plasma corticosterone and volume after preoptic recess lesions and volume depletion. Bealer SL, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R161–5

PHYSIOLOGY

Diurnal changes in thermoregulatory behavior in rats with medial preoptic lesions. Szymusiak R, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R219–27

The effects of transverse cuts caudal to the preoptic recess on the fine structure of paraventricular nuclei in rats. Carithers J, et al. **Brain Res** 1985 Feb 18;327(1–2):15–28

Lesions of the tissue surrounding the preoptic recess (AV3V region) affect neurosecretory cells in the paraventricular nuclei in the rat. Carithers J, et al. **Brain Res** 1985 Jul 1;337(2):233–43

The sexually dimorphic region of the preoptic area in rats contains denser opiate receptor binding sites in females. Hammer RP Jr. **Brain Res** 1984 Aug 6;308(1):172–6

Activation of acute–phase responses by intrapreoptic injections of endogenous pyrogen in guinea pigs. Blatteis CM, et al. **Brain Res Bull** 1984 Jun;12(6):689–95

The effect of hypothalamic temperature on the immune response in the rat. Brandt S, et al. **Brain Res Bull** 1984 Aug;13(2):247–51

Responses of preoptic neurons to stimulation of caudal and rostral brain stem reticular structures. Mallick BN, et al. **Brain Res Bull** 1984 Sep;13(3):353–6

Changes in body temperature and thermosensitivity of preoptic and septal neurons during hippocampal stimulation. Osaka T, et al. **Brain Res Bull** 1984 Jul; 13(1):93–8

Firing properties of cat basal forebrain neurones during sleep–wakefulness cycle. Détári L, et al. **Electroencephalogr Clin Neurophysiol** 1984 Oct;58(4):362–8

Sleep disruption with basal forebrain lesions decreases latency to amygdala kindling in cats. Shouse MN, et al. **Electroencephalogr Clin Neurophysiol** 1984 Oct; 58(4):369–77

Evidence that central epinephrine neurons participate in the control and regulation of neuroendocrine events during the estrous cycle. Sheaves R, et al. **Endocrinology** 1985 Feb; 116(2):542–6

The significance of nucleus raphe dorsalis and centralis for thermoafferent signal transmission to the preoptic area of the rat. Werner J, et al. **Exp Brain Res** 1985;59(3):543–7

Dissociation of prolactin and LH release responses after stimulation within the preoptic–suprachiasmatic region in male rats. Colombo JA. **Exp Clin Endocrinol** 1984 Oct; 84(2):228–34

Evidence that inhibition of medial preoptic dopaminergic activity may be involved in the prepubertal desensitization to the negative oestrogen feedback in female rats. Gerber P, et al. **Exp Clin Endocrinol** 1984 Jul;84(1):7–12

Alterations in preoptic unit activity on stimulation of caudal brain stem EEG–synchronizing structures. Mohan Kumar V, et al. **Exp Neurol** 1985 Aug;89(2):304–13

Influence of ascending reticular activating system on preoptic neuronal activity. Mohan Kumar V, et al. **Exp Neurol** 1984 Oct;86(1):40–52

Enhanced triiodothyronine production in crested newts bearing permanent lesions to the anterior preoptic area. Mazzi V, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):43–6

The median preoptic area in cardiovascular reflex activity. Manning JW, et al. **J Auton Nerv Syst** 1985 Feb–Mar; 12(2–3):239–49

Varying sensitivity to the negative oestrogen feedback during the ovarian cycle of female rats: evidence for the involvement of oestrogen and the medial preoptic area. Döcke F, et al. **J Endocrinol** 1984 Sep;102(3):287–94

Synaptic interactions of luteinizing hormone–releasing hormone (LHRH) neurons in the guinea pig preoptic area. Silverman AJ, et al. **J Histochem Cytochem** 1985 Jan; 33(1):69–72

Role of hypothalamus in the recovery of acute ischemic myocardial injury promoted by electroacupuncture in rabbits. Liu JL. **J Tradit Chin Med** 1984 Jun;4(2):119–26

Involvement of ventromedial hypothalamus in brown adipose tissue thermogenesis induced by preoptic cooling in rats. Imai–Matsumura K, et al. **Jpn J Physiol** 1984;34(5):939–43

Medial preoptic area involvement in norepinephrine–induced suppression of pulsatile luteinizing hormone release in ovariectomized rats. Leipheimer RE, et al. **Neuroendocrinology** 1985 Apr;40(4):345–51

Presence of a neural mechanism for the expression of female sexual behaviors in the male rat brain. Yamanouchi K, et al. **Neuroendocrinology** 1985 May;40(5):393–7

A direct magnocellular–preopticospinal pathway in goldfish: implications for control of sex behavior. Demski LS, et al. **Neurosci Lett** 1985 Apr 19;55(3):283–8

Existence of dopaminergic neurons in the preoptic region of the goldfish. Kah O, et al. **Neurosci Lett** 1984 Aug 10; 48(3):293–8

Effects of baroreceptor activation on single unit activity of the anteroventral third ventricle region of the rat. Knuepfer MM, et al. **Neurosci Lett** 1985 May 14;56(2):79–85

Substantia innominata: critical link in the behavioral expression of mesolimbic dopamine stimulation in the rat. Swerdlow NR, et al. **Neurosci Lett** 1984 Sep 7; 50(1–3):19–24

Primary explants as a model of the hypothalamus in situ. Baldino F Jr, et al. **Peptides (Fayetteville)** 1985 Mar–Apr; 6(2):249–56

Cardiovascular effects produced by injections of thyrotropin–releasing hormone in specific preoptic and hypothalamic nuclei in the rat. Diz DI, et al. **Peptides (Fayetteville)** 1984 Jul–Aug;5(4):801–8

Thermoregulatory (core, surface and metabolic) responses of unrestrained rats to repeated POAH injections of beta–endorphin or adrenocorticotropin. Thornhill JA, et al. **Peptides (Fayetteville)** 1984 Jul–Aug;5(4):713–9

Effects of changes in preoptic temperature on stretch response of muscle spindle endings in the cat's soleus muscle. Sato H. **Pflugers Arch** 1984 Oct;402(2):144–9

The relationship between heat abbreviation and neural progestin receptors in female rats. Reading DS, et al. **Physiol Behav** 1984 Jun;32(6):973–81

Telencephalic and preoptic areas integrate sexual behavior in hime salmon (landlocked red salmon, Oncorhynchus nerka): results of electrical brain stimulation experiments. Satou M, et al. **Physiol Behav** 1984 Sep;33(3):441–7

Critical role for the medial preoptic area in the sexual differentiation of the brain. Gorski RA. **Prog Brain Res** 1984;61:129–46 (89 ref.)

TRANSPLANTATION

Pituitary and gonadal function in hypogonadotrophic hypogonadal (hpg) mice bearing hypothalamic implants. Young LS, et al. **J Reprod Fertil** 1985 May;74(1):247–55

ULTRASTRUCTURE

Glutamic acid decarboxylase-containing axons synapse on LHRH neurons in the rat medial preoptic area. Leranth C, et al. **Neuroendocrinology** 1985 Jun;40(6):536–9

Synaptology of luteinizing hormone-releasing hormone neurons in rat preoptic area. Witkin JW, et al. **Peptides (Fayetteville)** 1985 Mar–Apr;6(2):263–71

PREOVULATORY PHASE see **FOLLICULAR PHASE**

PREPAID DENTAL CARE see **INSURANCE, DENTAL**

PREPAID GROUP HEALTH ORGANIZATIONS see **HEALTH MAINTENANCE ORGANIZATIONS**

PREPHENATE DEHYDRATASE see under **HYDRO-LYASES**

PREPHENATE DEHYDROGENASE see under **OXIDOREDUCTASES**

PREPROSTHETIC ORAL SURGERY see **SURGERY, ORAL, PREPROSTHETIC**

PRESBYCUSIS see under **HEARING LOSS, SENSORINEURAL**

PRESBYOPIA

PHYSIOPATHOLOGY

Clinical factors in proximal vergence. Wick B. **Am J Optom Physiol Opt** 1985 Jan;62(1):1–18

Amplitude of accommodation in different age groups and age of on set of presbyopia in Bengalee population. Chattopadhyay DN, et al. **Indian J Ophthalmol** 1984 Mar–Apr;32(2):85–7

[Consequences of presbyopia for the dynamics of sight and work at a terminal] Krueger H. **Soz Praventivmed** 1984; 29(4–5):190–1 (Eng. Abstr.) **(Ger)**

THERAPY

The effectiveness of multifocal correction upon presbyopic near and intermediate visual resolution performance. Barker FM 2d. **J Am Optom Assoc** 1984 Oct;55(10):753–7

Progressive addition lenses for deaf lip readers and signers. Thorn F, et al. **J Am Optom Assoc** 1984 Dec;55(12):905–8

[Determination of values for positive spherical lenses to correct presbyopia using nomograms] Suzdal'skii IuA. **Oftalmol Zh** 1984;(6):344–7 (Eng. Abstr.) **(Rus)**

PRESBYTIS see **CERCOPITHECIDAE**

PRESCRIPTION FEES see under **FEES, PHARMACEUTICAL**

PRESCRIPTION INSURANCE see **INSURANCE, PHARMACEUTICAL SERVICES**

PRESCRIPTIONS, DRUG

Excessive dispensing of controlled substances: a legal perspective. Morgan WR. **Ala Med** 1985 Feb;54(8):13–7

Personal letters to physicians about nonformulary drug orders [letter] Adler M, et al. **Am J Hosp Pharm** 1985 Aug; 42(8):1706

Effectiveness of a computer-supported refill reminder system. Baird TK, et al. **Am J Hosp Pharm** 1984 Nov; 41(11):2395–7

Involvement of a state society in pharmacist-prescribing legislation [letter] Breland BD, et al. **Am J Hosp Pharm** 1984 Sep;41(9):1758,1760

Using graphics printers for prescription labels [letter] Radin NS. **Am J Hosp Pharm** 1985 Jul;42(7):1508

Examination of medical professions for counseling on medication adherence. Russell ML, et al. **Am J Med** 1985 Feb;78(2):277–82

Prescribing practices among nurse practitioners in adult and family health. Batey MV, et al. **Am J Public Health** 1985 Mar;75(3):258–62

Pharmacists were sabotaging my patient care. Crackower S. **Am Pharm** 1984 Sep;NS24(9):6–8

The pharmacist's responsibility to determine limits to prescribing authority. Fink JL 3d, et al. **Am Pharm** 1984 Oct;NS24(10):74–5

Taking chance out of the Rx-OTC switch. Murphy DH. **Am Pharm** 1985 Jan;NS25(1):41–5

A transitional category: how APhA's policy would work. Penna RP. **Am Pharm** 1985 Jan;NS25(1):46–7

Concerning the case of United States v. American Pharmaceutical Association and Michigan State Pharmaceutical Association Civil No. G75-558, CA5, W.D. Michigan. Schlegel JF. **Am Pharm** 1984 Aug; NS24(8):74–6

Prescription drug abuse and misuse: primary prevention programs are needed. Vann JF. **Am Pharm** 1984 Aug; NS24(8):5–7

Do accident and emergency patients collect their prescribed medication? Freeman CP, et al. **Arch Emerg Med** 1985 Mar; 2(1):41–3

A survey of prescribing of psychotropic drugs in a Birmingham psychiatric hospital. Edwards S, et al. **Br J Psychiatry** 1984 Nov;145:502–7

Doctors, drugs, and government [editorial] **Br Med J [Clin Res]** 1985 Mar 23;290(6472):880

Doctors, drugs, and the DHSS [letter] **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1615–7

Doctors, drugs, and the DHSS [letter] **Br Med J [Clin Res]** 1984 Dec 15;289(6459):1691–3

Computerised repeat prescriptions: simple system. Aylett M. **Br Med J [Clin Res]** 1985 Apr 13;290(6475):1115–6

Rural practice. An interview with the chairman of the rural practices subcommittee. Farrow D. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1089–92

An epidemiological method applied to practices to measure the representativeness of their prescribing characteristics. Fleming DM. **Br Med J [Clin Res]** 1984 Nov 24; 289(6456):1425–8

Study of medicine prescribing for elderly patients. Freer CB. **Br Med J [Clin Res]** 1985 Apr 13;290(6475):1113–5

Drugs prescribed for self poisoners. Prescott LF, et al. **Br Med J [Clin Res]** 1985 Jun 1;290(6482):1633–6

Evaluation of a computer assisted repeat prescribing programme in a general practice. Roland MO, et al. **Br Med J [Clin Res]** 1985 Aug 17;291(6493):456–8

The limited list: first month in a teaching hospital [letter] Sandler D, et al. **Br Med J [Clin Res]** 1985 Jun 8; 290(6483):1746

Repeat prescriptions: was Balint right? Tombleson PM. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1506–8

Use of medications on the restricted list by the elderly. Vetter NJ, et al. **Br Med J [Clin Res]** 1985 Jun 8;290(6483):1712–4

Prescription drug abuse [editorial] Devenyi P. **Can Med Assoc J** 1985 Feb 1;132(3):242–3

Portrait of a prescription drug abuser. Swan S. **Colo Med** 1985 Jan;82(1):15–6

The inappropriate use of prescription medicine. Frauenfelder J, et al. **Community Health Stud** 1985;9(1):10–8

Evaluation of a computerized drug review system: impact, attitudes, and interactions. Siegel C, et al. **Comput Biomed Res** 1984 Oct;17(5):419–35

Evaluation of family physician prescribing: influence of the clinical pharmacist. Carter BL, et al. **Drug Intell Clin Pharm** 1984 Oct;18(10):817–21

Impact on perception of side effects [letter] Meyer LE, et al. **Drug Intell Clin Pharm** 1985 Mar;19(3):213

The interactions between the drug industry and the prescribers and their effects on the quality and quantity of drugs [editorial] Juma FD. **East Afr Med J** 1984 Nov; 61(11):793–6

Prescribing patterns in an outpatient psychiatric clinic. Schulz P, et al. **Eur Arch Psychiatry Neurol Sci** 1984; 234(4):220–3

Psychotropic drug prescribing in an Australian general practice. Bridges-Webb C, et al. **Fam Pract** 1984 Jun; 1(2):106–12

Morbidity patterns and prescribing habits in Harare primary care clinics. Dizwani AG, et al. **Fam Pract** 1985 Jun; 2(2):82–5

Written simulation of patient-doctor encounters. 3. Comparison of the performance in the simulation with prescription and referral data in reality. Kuyvenhoven MM, et al. **Fam Pract** 1984 Mar;1(1):25–9

Prescribing drugs to men and women. Verbrugge LM, et al. **Health Psychol** 1985;4(1):79–98

Physicians' knowledge of prescribing for the elderly. A study of primary care physicians in Pennsylvania. Ferry ME, et al. **J Am Geriatr Soc** 1985 Sep;33(9):616–25

Optometric prescription writing. Potter JW, et al. **J Am Optom Assoc** 1985 May;56(5):383–5

The laboratory and antibiotic prescribing [letter] Sturm AW. **J Antimicrob Chemother** 1985 Feb;15(2):255–6

Guidelines for prescribers of controlled drugs. Phillips D. **J Arkansas Med Soc** 1985 Feb;81(9):463–4

Multicenter study of family physician prescribing. Carter BL, et al. **J Fam Pract** 1984 Oct;19(4):497–501

Prescriptive authority: the physician assistants' views. Fincham JE. **J Med Assoc Ga** 1985 Feb;74(2):81–3

Skills of medical students and house officers in prescribing narcotic medications. Grossman SA, et al. **J Med Educ** 1985 Jul;60(7):552–7

What use is generic prescribing? Archer M. **J R Coll Gen Pract** 1985 Jun;35(275):293–5

Psychotropic drug prescribing. Fleming DM, et al. **J R Coll Gen Pract** 1984 Apr;34(261):216–20

Prescribing--a case for prolonged treatment. Harris CM, et al. **J R Coll Gen Pract** 1985 Jun;35(275):284–7

Generic prescribing--a change of habit. Hill A. **J R Coll Gen Pract** 1985 Feb;35(271):89–90

Latest views on pill prescribing. Kay CR. **J R Coll Gen Pract** 1984 Nov;34(268):611–4

Writing all prescriptions by computer. Preece JF, et al. **J R Coll Gen Pract** 1984 Dec;34(269):655–7

Do we need to repeat prescribe? Scott T. **J R Coll Gen Pract** 1985 Feb;35(271):91–2

Limited prescribing list [letter] **Lancet** 1985 Jan 19; 1(8421):167

Discussing the limited list. **Lancet** 1985 Feb 16;1(8425):411–2

Nicotine chewing-gum [letter] Bethell HJ. **Lancet** 1985 May 4;1(8436):1044

Development of a limited formulary for general practice. Grant GB, et al. **Lancet** 1985 May 4;1(8436):1030–2

Medication usage in an elderly population. Ostrom JR, et al. **Med Care** 1985 Feb;23(2):157–64

Drug choice as a problem-solving process. Segal R, et al. **Med Care** 1985 Aug;23(8):967–76

Cimetidine and peptic ulcer [letter] Blaxland CJ. **Med J Aust** 1984 Nov 10;141(10):681–2

A computerized prescription writing program for doctors. Brown CS, et al. **Methods Inf Med** 1985 Apr;24(2):101–5

Rx: consider these findings when prescribing for older patients. **Mich Med** 1985 Mar;84(3):142

Cimetidine prescribing patterns in a military community hospital. Saultz JW. **Milit Med** 1985 Jun;150(6):300–2

Patterns of diazepam prescribing in primary care: a case control study. Mulvihill MN, et al. **Mt Sinai J Med (NY)** 1985 Apr;52(4):276–80

Physicians, prescriptions and prescription drugs. Ewing JA. **NC Med J** 1984 Oct;45(10):669–70

Prescribing and disclosing. Beal JA. **NY State Dent J** 1984 Aug–Sep;50(7):428–30

Pediatricians, antibiotics, and office practice [letter] Crook WG. **Pediatrics** 1985 Jul;76(1):139–40

Prescribing contraceptives for under-age girls--the doctor's legal position. Brahams D. **Practitioner** 1985 May; 229(1403):461–3

Prescribing for the elderly--an audit. Pearson MW. **Practitioner** 1985 Jan;229(1399):85–6

Prescribing for alcoholics. A survey of drugs taken prior to admission to an alcoholism unit. Wiseman SM, et al. **Practitioner** 1985 Jan;229(1399):88–9

Generic substitution--the other side of the coin. Retief FP. **S Afr Med J** 1984 Oct 20;66(16):590–2

The Diagnosis and Therapy Survey October 1978–March 1983, health care consumption and current drug therapy in Sweden with respect to the clinical diagnosis of gastritis. Lööf L, et al. **Scand J Gastroenterol [Suppl]** 1985;109:35–9

Repeat prescribing in the elderly. A case for audit? Nicol F, et al. **Scott Med J** 1984 Jan;29(1):21–4

Prescription drug advertising: trends and implications. Krupka LR, et al. **Soc Sci Med** 1985;20(3):191–7

[Prescription control at pharmacies] Nielsen PL. **Ugeskr Laeger** 1985 Feb 18;147(8):729–32 **(Dan)**

[The KNMG (Royal Dutch Society for the Promotion of Medicine) viewpoint concerning regulated provision of hard drugs in Amsterdam] **Ned Tijdschr Geneeskd** 1985 Feb 23;129(8):368 **(Dut)**

[Responsibility of the physician in prescribing Tegretol [letter] Kamp JS. **Ned Tijdschr Geneeskd** 1985 Mar 30; 129(13):607–8 **(Dut)**

[Medical indication for heroin provision in Amsterdam] van Brussel GH, et al. **Ned Tijdschr Geneeskd** 1985 Feb 23; 129(8):365–7 **(Dut)**

[The prescribing of antibiotics] Verhoef J. **Ned Tijdschr Geneeskd** 1985 Mar 30;129(13):581–3 **(Dut)**

[Drug prescription in Aquitania. Results of a pre-survey among general practitioners] Haramburu F, et al. **Therapie** 1984 Nov–Dec;39(6):653–9 (Eng. Abstr.) **(Fre)**

ECONOMICS

Drug product selection: the Florida experience revisited. Clouse EH, et al. **Am J Public Health** 1985 Mar;75(3):283–4

Drug cost burden on the elderly: government, corporations helping out. Murphy D. **Am Pharm** 1985 Apr;NS25(4):13–5

Third party prescription programs: cost containment issues and strategies. Richards JW. **Am Pharm** 1985 Jul; NS25(7):28–35

Doctors, drugs, and the DHSS [editorial] **Br Med J [Clin Res]** 1984 Nov 24;289(6456):1397–8

Doctors, drugs, and the DHSS [letter] **Br Med J [Clin Res]** 1985 Jan 5;290(6461):70–3

Prescribing: the power to set limits. Harding JM, et al. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):450–2

Physician cost awareness in prophylaxis and treatment of infection. Semel JD. **IMJ** 1984 Sep;166(3):157–60

Aspirin and its expensive substitutes: prescribing patterns and cost implications. Read JL, et al. **J Community Health** 1984 Spring;9(3):216–21

Reducing prescribing costs through computer controlled repeat prescribing. Difford F. **J R Coll Gen Pract** 1984 Dec;34(269):658–60

Curtailment of prescribing in the National Health Service [editorial] **Lancet** 1984 Nov 17;2(8412):1136–7

STANDARDS

Physician perception of a triplicate prescription law. Berina LF, et al. **Am J Hosp Pharm** 1985 Apr;42(4):857–9

Post-marketing studies of drug efficacy: why? Strom BL, et al. **Am J Med** 1985 Mar;78(3):475–80

Problems with orders for medication as needed. Ayd FJ Jr. **Am J Psychiatry** 1985 Aug;142(8):939–42

Standards for comuter issued prescriptions. General Medical Services Committee/Royal College of General Practitioners Joint Computing Policy Group. **Br Med J [Clin Res]** 1985 Apr 27;290(6477):1252–3

The limited list: the patients' views. Neville RG, et al. **Br Med J [Clin Res]** 1985 Aug 24;291(6494):517–8

Limited list: limited effects? Taylor RJ, et al. **Br Med J [Clin Res]** 1985 Aug 24;291(6494):518–20

Update: Colorado Prescription Drug Abuse Coalition. **Colo Med** 1985 Jan;82(1):13–4

Drug distribution and the physician's responsibilities. Golden M. **Del Med J** 1984 Oct;56(10):593–6

Education for drug prescribers: whose responsibility? Derbyshire RC. **Hosp Pract [Off]** 1985 Jul 15;20(7):151, 154–5, 158

Eliminating pharmacists' calls. Holt RJ. **J Okla State Med Assoc** 1985 Jul;78(7):215–6

A national code for drugs used in general practice--an identified need? Carney TA. **J R Coll Gen Pract** 1985 Apr;35(273):198

Legal parameters of drug prescriptions by NPs. Kjervik DK. **Nurse Pract** 1985 Jul;10(7):44–5, 48

Cimetidine usage for unlabeled conditions in an ambulatory care service. Thomas CT, et al. **South Med J** 1984 Oct;77(10):1281–2

UTILIZATION

Prescribing psychotropic drugs in general practice: three year study. Jones L, et al. **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1045–8

VETERINARY

Illegal distribution of animal drugs. Dean DJ. **J Am Vet Med Assoc** 1985 Apr 1;186(7):670–1

PRESCRIPTIONS, NON-DRUG

MMIE malpractice claim review. Orthopedic surgery. Johnson FE. **Minn Med** 1985 May;68(5):378

[Multifocal eyeglasses: rules for prescription] Catros A, et al. **Annee Ther Clin Ophtalmol** 1983;34:135–49 **(Fre)**

[Various viewpoints on the prescription of ambulatory physical therapy with special reference to the specialist in general medicine] Steinberg R, et al. **Z Arztl Fortbild (Jena)** 1984;78(19):805–8 **(Ger)**

ECONOMICS

General practitioners should be able to prescribe enuresis alarms on the NHS [letter] Symon DN. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):920–1

STANDARDS

Diet prescription guidelines---increased consultations through heightened accessibility. Colussi ME. **J Am Diet Assoc** 1985 Apr;85(4):481–2

Hearing aid prescription rules using insertion gain measurements. Ringdahl A, et al. **Scand Audiol** 1984;13(4):211–8

PRESENTATION, BREECH see **BREECH PRESENTATION**

PRESENTATION, FETAL see **LABOR PRESENTATION**

PRESERVATION, BIOLOGICAL

see related
BUFFERS
CRYOPROTECTIVE AGENTS

Reduction of fragile X expression in blood after cryopreservation. Shimanuki K, et al. **Am J Med Genet** 1985 Aug;21(4):771–5

Cryopreservation of the blood stages of Plasmodium falciparum and Plasmodium vivax for in vivo studies. Rossan RN. **Am J Trop Med Hyg** 1985 Mar;34(2):207–8

Influence of egg storage on hatchability, embryonic development and vitamin status in hatching broiler chicks. Whitehead CC, et al. **Br Poult Sci** 1985 Apr;26(2):221–8

The effect of glycerol concentration and cooling velocity on cryosurvival of ram spermatozoa frozen in straws. Fiser PS, et al. **Cryobiology** 1984 Oct;21(5):542–51

Effect of stage of development on survival of mouse embryos frozen--thawed rapidly. Massip A, et al. **Cryobiology** 1984 Oct;21(5):574–7

Cryopreservation of Plasmodium chabaudi. II. Cooling and warming rates. Mutetwa SM, et al. **Cryobiology** 1984 Oct;21(5):552–8

Improved recovery of post-thaw motility and vitality of human spermatozoa cryopreserved in the presence of dithiothreitol. Rao B, et al. **Cryobiology** 1984 Oct;21(5):536–41

Syngeneic transplantation of cryopreserved fetal mouse proislets. Hegre OD, et al. **Diabetes** 1984 Oct;33(10):975–7

Effect of aging and cold temperature storage of hamster ova as assessed in the sperm penetration assay. Syms AJ, et al. **Fertil Steril** 1985 May;43(5):766–72

Biochemical functionality and recovery of hepatocytes after deep freezing storage. Gómez-Lechón MJ, et al. **In Vitro** 1984 Nov;20(11):826–32

Cryopreservation before replantation of mature teeth in monkeys. (II). Effect of preincubation, different freezing and equilibration rates and endodontic treatment upon periodontal healing. Schwartz O, et al. **Int J Oral Surg** 1985 Aug;14(4):350–61

Preservative alteration of corneal permeability in humans and rabbits. Burstein NL. **Invest Ophthalmol Vis Sci** 1984 Dec;25(12):1453–7

Stability of Aroclor 1254-induced rat liver postmitochondrial supernatant (S-9) following long-term storage (-75 degrees C). Oldham JW, et al. **J Appl Toxicol** 1985 Jun;5(3):187–91

The influence of methods of production, purification and storage of monoclonal antibodies upon their observed specificities. Underwood PA, et al. **J Immunol Methods** 1985 Jun 25;80(2):189–97

Pregnancies following the frozen storage of expanding human blastocysts. Cohen J, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):59–64

Deep-freezing and transfer of human embryos. Mohr LR, et al. **J In Vitro Fert Embryo Transfer** 1985 Mar;2(1):1–10

Cryopreservation of Schistosoma mansoni sporocysts. Cohen LM, et al. **J Parasitol** 1984 Aug;70(4):592

Birth after transfer of cryopreserved embryos. Downing BG, et al. **Med J Aust** 1985 Apr 1;142(7):409–11

The use of formaldehyde as a preservative in the microscopic examination of urine sediment. Khodadeen JA. **Nephron** 1985;41(1):118

Viability of megakaryocytic and erythroid progenitors after cryopreservation in comparison with myeloid progenitors and multipotent stem cells. Nomura T, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):919–25

Effect of cryopreservation on recovery of megakaryocytic colony-forming units in murine bone marrow. Nomura T, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):1042–8

Sodium azide preservation of faecal specimens for Kato analysis. Bundy DA, et al. **Parasitology** 1985 Jun;90 (Pt 3):463–9

In vitro infectivity of cryopreserved Plasmodium berghei sporozoites to cultured cells. Hollingdale MR, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):206–8

Effects of preservation conditions and temperature on tissue acidification in canine kidneys. Kallerhoff M, et al. **Transplantation** 1985 May;39(5):485–9

In vitro reactivity to concanavalin A of bovine lymphocytes after cryopreservation. Kuil H. **Vet Immunol Immunopathol** 1984 Aug;7(1):89–98

Importation of NZ bovine frozen embryos to Chile [letter] Correa JE, et al. **Vet Rec** 1984 Dec 8;115(23):605–6

Ultrastructural changes of Trichomonas vaginalis prior and after cryopreservation. Michel R, et al. **Z Parasitenkd** 1985;71(3):277–85

[Ultrastructure of autologous saphenous vein grafts preserved at ambient temperature and hypothermically. Histological and electron microscopic study of immediate and short-term changes] Peredo MO. **Arq Bras Cardiol** 1981 Oct;37(4):247–52 (Eng. Abstr.) **(Por)**

[Experience with long-term preservation of international-standard cultures of Actinomycetes] Kuznetsov VD, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):27–30 (Eng. Abstr.) **(Rus)**

[Improvements in the cold chain] **Bol Of Sanit Panam** 1984 Oct;97(4):364–8 **(Spa)**

INSTRUMENTATION

Optimal redox electrode potential for 24-hour rabbit kidney perfusion. Collins GM, et al. **J Surg Res** 1985 Sep;39(3):246–50

METHODS

Cryopreservation of Babesia bigemina for in vitro cultivation. Vega CA, et al. **Am J Vet Res** 1985 Feb;46(2):421–3

A urine preservative system to maintain bacterial counts. A laboratory and clinical evaluation. Goodman LJ, et al. **Clin Pediatr (Phila)** 1985 Jul;24(7):383–6

Preservation of integrity of the inner mitochondrial membrane after freeze-thawing and freeze-drying. Tsvetkov T, et al. **Cryobiology** 1985 Jun;22(3):301–6

Long-term preservation of fungi (yeast, thermophilic actinomycetes and filamentous species) on anhydrous silica gel. Khan ZU, et al. **Indian J Exp Biol** 1984 Sep;22(9):509–10

Comparison of quick-frozen and chemically fixed sea-urchin eggs: structural evidence that cortical granule exocytosis is preceded by a local increase in membrane mobility. Chandler DE. **J Cell Sci** 1984 Dec;72:23–36

Preservation of laboratory strains of Toxoplasma gondii in vitro. Kozojed V, et al. **J Hyg Epidemiol Microbiol Immunol** 1985;29(1):97–100

Effects of cryopreservation on human lymphocyte functions: comparison of programmed freezing method by a direct control system with a mechanical freezing method. Ichino Y, et al. **J Immunol Methods** 1985 Mar 18;77(2):283–90

Critical-point drying versus freeze drying for scanning electron microscopy: a quantitative and qualitative study on isolated hepatocytes. Nordestgaard BG, et al. **J Microsc** 1985 Feb;137 (Pt 2):189–207

Biomechanical time-tolerance of fresh cadaveric human spine specimens. Panjabi MM, et al. **J Orthop Res** 1985;3(3):292–300

Short-term fluctuations and long-term trends in anchorage-independent multiplication among cryopreserved subpopulations of a spontaneously transformed Balb/3T3 clone. Rubin H, et al. **JNCI** 1985 May;74(5):1059–65

Cryopreservation of embryos [editorial] **Lancet** 1985 Mar 23;1(8430):678

Methods for maintaining stock cultures. Miguens MP. **Mykosen** 1985 Mar;28(3):134–7

Ice-free cryopreservation of mouse embryos at -196 degrees C by vitrification. Rall WF, et al. **Nature** 1985 Feb 14–20;313(6003):573–5

Low temperature preservation of Plasmodium spp. Mutetwa SM, et al. **Parasitology** 1985 Jun;90 (Pt 3):589–603 (73 ref.)

Cryopreservation of viable Giardia intestinalis trophozoites. Phillips RE, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):604–6

[A brief review of the literature for deep-freezing cattle embryos] Hoogenkamp H. **Tijdschr Diergeneeskd** 1985 Feb 15;110(4):145–9 (Eng. Abstr.) **(Dut)**

[The surgical treatment of large eventrations using skin homografts preserved in cialit] Schneider S. **Ann Gastroenterol Hepatol (Paris)** 1984 Jul–Sep;20(4):191–4 (Eng. Abstr.) **(Fre)**

[Pregnancy and delivery following insemination with frozen donor sperm] Lansac J, et al. **Rev Fr Gynecol Obstet** 1984 Jul–Sep;79(7–9):565–9 (Eng. Abstr.) **(Fre)**

[A new method of preservation of biologically active tRNA preparations] Zarnowska H, et al. **Ann Univ Mariae Curie Sklodowska [Med]** 1982;37:171–6 (Eng. Abstr.) **(Pol)**

[Effect of preservation conditions on the diagnostic traits of Pseudomonas aeruginosa, P. fluorescens and P. putida] Arkad'eva ZA, et al. **Biol Nauki** 1984;(8):86–8 (Eng. Abstr.) **(Rus)**

[Long-term preservation of malarial parasites at the temperature of liquid nitrogen: infectivity and the capacity for gamont formation] Oganesian AS. **Med Parazitol (Mosk)** 1984 Jul–Aug;(4):28–31 (Eng. Abstr.) **(Rus)**

[Spectrofluorometric analysis of Escherichia coli during storage in a physiological solution] Roshchina EK, et al. **Mikrobiologiia** 1984 Nov–Dec;53(6):1016–20 (Eng. Abstr.) **(Rus)**

VETERINARY

A successful technique for the preservation of rabbit embryos. Prins JB, et al. **Lab Anim Sci** 1984 Oct;34(5):484–7

Direct transfer of frozen cow embryos in glycerol-sucrose. Massip A, et al. **Vet Rec** 1984 Sep 29;115(13):327–8

PRESERVATION, FOOD see **FOOD PRESERVATION**

PRESERVATIVES, PHARMACEUTICAL see under **PHARMACEUTIC AIDS**

PRESSORECEPTORS

see related
CAROTID SINUS

DRUG EFFECTS

Cardiovascular studies during controlled baroreflex activation in the dog: II. Effects of metoprolol and enflurane. Henriksson BA, et al. **Acta Anaesthesiol Scand** 1985 Jan;29(1):95–100

Cardiovascular studies during controlled baroreflex activation in the dog: I. Effects of enflurane. Henriksson BA, et al. **Acta Anaesthesiol Scand** 1985 Jan;29(1):90–4

Influence of intravenous saline infusion on the aortic baroreceptor and left atrial B-type receptor activity in dogs. Hakumäki MO, et al. **Acta Physiol Scand** 1984 Oct;122(2):203–8

Time-related characteristics of aortic arch baroreceptor and left atrial B-type receptor activities. Hakumäki MO. **Acta Physiol Scand [Suppl]** 1984;537:51–8

Parathyroid hormone and the altered vascular response to norepinephrine in uremia. Collins J, et al. **Am J Nephrol** 1985;5(2):110–3

Direct action of norepinephrine on aortic baroreceptors of rat adventitia. Kunze DL, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H811–6

Complex effects of isoflurane on baroreceptor reflex compounded by errors [letter] Boyce JR, et al. **Anesthesiology** 1984 Oct;61(4):479–81

Baroreceptor reflex control of heart rate during morphine sulfate, diazepam, N2O/O2 anesthesia in humans. Kotrly KJ, et al. **Anesthesiology** 1984 Nov;61(5):558–63

Does isoflurane really preserve baroreflex responsiveness better than halothane or enflurane? [letter] Roy RC. **Anesthesiology** 1984 Oct;61(4):482–4

Similarities and differences in the effects of verapamil, diltiazem and nifedipine on arterial baroreflexes of anesthetized cats. Abdel-Rahman AR, et al. **Arch Int Pharmacodyn Ther** 1985 May;275(1):33–46

Cadmium alters arterial baroreflex control of heart rate in the conscious rat. Germanó D, et al. **Arch Toxicol [Suppl]** 1984;7:374–7

The effect of nicardipine on blood pressure, its variability and reflex cardiac control. Littler WA, et al. **Br J Clin Pharmacol** 1985;20 Suppl 1:115S–119S

Analysis of the pressor sympathetic reflex produced by intracoronary injections of bradykinin in conscious dogs. Pagani M, et al. **Circ Res** 1985 Feb;56(2):175–83

Digitalis–induced augmentation of cardiopulmonary baroreflex control of forearm vascular resistance. Imamura T, et al. **Circulation** 1985 Jan;71(1):11–6

Role of the baroreceptor–reflex in the mediation of responses following central angiotensin II administration. Becker H, et al. **Clin Exp Hypertens [A]** 1984;6(10–11):1859–62

Mechanisms concerned with blood pressure variability throughout the day. Conway J, et al. **Clin Exp Hypertens [A]** 1985;7(2–3):153–7

Differential effects of vasopressin (AVP) and oxytocin (OXT) on the baroreceptor reflex in conscious rats. Petty MA, et al. **Clin Exp Hypertens [A]** 1984;6(10–11):1943–6

alpha–Adrenoceptor regulation in vivo and in vitro in the rabbit. Hamilton CA, et al. **Clin Sci** 1985;68 Suppl 10:125s–128s

Influence of blood gases, Ca2+–entry blockade and angiotensin converting enzyme inhibition on pressor responses to alpha–adrenoceptor agonists: evidence in vivo for subtypes of response independent of receptor subtype? O'Brien JW, et al. **Clin Sci** 1985;68 Suppl 10:99s–104s

Attenuation by diltiazem of arterial baroreflex sensitivity in man. Giudicelli JF, et al. **Eur J Clin Pharmacol** 1984;26(6):675–9

Attenuation of the baroreceptor reflex by general anesthetic agents in the normotensive rat. Fluckiger JP, et al. **Eur J Pharmacol** 1985 Feb 12;109(1):105–9

Effects of peripheral alpha 1– and alpha 2–adrenoceptor agonists on baroreceptor responsiveness in conscious dogs. Harron DW, et al. **Eur J Pharmacol** 1984 Sep 3;104(1–2):71–8

Different effects of vasopressin and angiotensin II on baroreflexes. Schmid PG, et al. **Fed Proc** 1985 May;44(8):2388–92

Central nervous system opiate and 5–hydroxytryptamine influences on baroreflex control of the coronary circulation. Moore PG, et al. **J Auton Nerv Syst** 1985 Feb–Mar;12(2–3):185–94

Suppression of reflex tachycardia following alpha–adrenoceptor blockade in conscious dogs: comparison of urapidil with prazosin. Shebuski RJ, et al. **J Cardiovasc Pharmacol** 1984 Sep–Oct;6(5):788–94

Sympathetic component of baroreflex control of heart rate is impaired in hypertension–prone (SBH) Sabra rats. Schorer–Apelbaum D, et al. **J Hypertens** 1984 Jun;2(3):257–60

Effect of chronic ethanol administration on arterial baroreceptor function and pressor and depressor responsiveness in rats. Abdel–Rahman AR, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):194–201

Baroreflexive suppression of heat production and fall in body temperature following peripheral administration of vasopressin in rats. Shido O, et al. **Jpn J Physiol** 1984;34(3):397–406

Interaction between the baroreflex and anterior hypothalamic stimulation. Demonstration of a noradrenergic involvement. Simon OR, et al. **Neuropharmacology** 1985 Jul;24(7):665–75

Cardiac beta–adrenoceptor desensitization after sinoaortic baroreceptors denervation or isoproterenol–pretreatment. Cabral AM, et al. **Pharmacol Res Commun** 1984 Oct;16(10):1031–40

A fast–acting humoral factor mediates pressor hyperresponsiveness in deoxycorticosterone–salt rabbits. Johnson JA, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):279–87

[Baroreceptor reflexes after exposure to the hypotensive action of prazosin blocking postsynaptic alpha 1–adrenergic receptors] Manucharov S, et al. **Kardiologiia** 1985 Jan;25(1):77–80 (Eng. Abstr.) **(Rus)**

METABOLISM

Catecholaminergic activity of the baroreceptor areas of the brain in response to bilateral dorsolateral transection of medulla oblongata in rats. Zukowska–Grojec Z, et al. **Brain Res** 1985 Jan 28;325(1–2):231–40

PHYSIOLOGY

Evidence that the arterial baroreceptors influence muscle blood flow and not subcutaneous flow in man. Skagen K, et al. **Acta Physiol Scand** 1985 Apr;123(4):405–9

Effects of nifedipine on baroreflex modulation of vascular resistance in man. Ferguson DW, et al. **Am Heart J** 1985 Jan;109(1):55–62

Incomplete baroreceptor responses in newborn infants. Holden K, et al. **Am J Perinatol** 1985 Jan;2(1):31–4

Chemoreceptor and baroreceptor inputs to ventrolateral medullary neurons. Caverson MM, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R872–9

Sinoaortic baroreceptors and the control of blood volume in the nonhuman primate. Cornish KG, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F539–42

Baroreceptor reflex cardiovascular control in mongrel dogs and racing greyhounds. Cox RH, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):H655–62

Repetitive ramped neck suction: a quantitative test of human baroreceptor function. Ebert TJ, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):H1013–7

Brain stem area with C1 epinephrine neurons mediates baroreflex vasodepressor responses. Granata AR, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):H547–67

Role of vasopressin and sympathetic nervous system during hypertonic NaCl infusion in conscious dog. Hasser EM, et al. **Am J Physiol** 1985 May;248(5 Pt 2):H652–7

Acute resetting of carotid sinus baroreceptors. I. Dissociation between discharge and wall changes. Heesch CM, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H824–32

Acute resetting of carotid sinus baroreceptors. II. Possible involvement of electrogenic Na+ pump. Heesch CM, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H833–9

Apparent reduction in baroreflex sensitivity to adenosine in conscious dogs. Hintze TH, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):H554–9

Baroreflex control of plasma arginine vasopressin in humans. Leimbach WN Jr, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):H638–44

Circulatory responses to onset of exercise: role of arterial and cardiac baroreflexes. Ludbrook J, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):H457–67

Dietary salt loading produces baroreflex impairment and mild hypertension in rats. Miyajima E, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):H278–84

Role of vessel wall in acute resetting of aortic baroreceptors. Munch PA, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):H843–52

Hemodynamic effects of arginine vasopressin in conscious water–deprived rats. Rascher W, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):H29–33

Interaction of left atrial receptors and carotid sinus baroreceptors on heart rate in the dog. Teo KK, et al. **Am J Physiol** 1985 May;248(5 Pt 2):H631–6

Blood volume changes and high and low pressoreceptor activity in cats. Tomomatsu E, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R833–6

Baroreflex control of sympathetic nerve activity after elevations of pressure in conscious rabbits. Undesser KP, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):H827–34

Influence of age on cardiovascular reflex response in anesthetized rats. Wei JY, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R31–8

Hemodynamic and neural mechanisms of acute neurogenic hypertension in the rat. Werber AH, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):H991–8

Evolution of cardiovascular baroreceptor control. Bagshaw RJ. **Biol Rev** 1985 May;60(2):121–62 (147 ref.)

Effect of blood pressure on A2 noradrenergic neurons. Moore SD, et al. **Brain Res** 1985 Jul 8;338(1):169–72

Interdependence of rostral and caudal ventrolateral medullary areas in the control of blood pressure. Willette RN, et al. **Brain Res** 1984 Oct 29;321(1):169–74

Long–term analysis of the hypertension produced by sinoaortic denervation in the rat. Trindade AS Jr, et al. **Braz J Med Biol Res** 1984;17(2):209–17

Interaction of canine carotid sinus and aortic arch baroreflexes in the control of total peripheral resistance. Brunner MJ, et al. **Circ Res** 1984 Dec;55(6):740–50

Comments on 'Carotid sinus baroreceptor reflex control and the role of autoregulation in the systemic and pulmonary arterial pressure–flow relationships of the dog' [letter] Burattini R. **Circ Res** 1985 Jul;57(1):198–200

Carotid baroreceptor reflex coronary vasodilation in the dog. Ito BR, et al. **Circ Res** 1985 Apr;56(4):486–95

Dynamic discharge characteristics of low pressure receptors in the rat. Mifflin S, et al. **Circ Res** 1984 Nov;55(5):660–8

Interactions of vasopressin with the area postrema in arterial baroreflex function in conscious rabbits. Undesser KP, et al. **Circ Res** 1985 Mar;56(3):410–7

Mechanisms of blood pressure variability in man. Mancia G, et al. **Clin Exp Hypertens [A]** 1985;7(2–3):167–78

Is Metenkephalin responsible for the baroreflex dysfunction of chronic uraemics? Zoccali C, et al. **Clin Exp Hypertens [A]** 1984;6(10–11):1977–80

Changes in plasma catecholamines in response to reflex modulation of sympathetic vasoconstrictor tone by cardiopulmonary receptors. Grassi G, et al. **Clin Sci** 1985 May;68(5):503–10

Baroreflex in patients undergoing hemodialysis and hemofiltration. Baldamus CA, et al. **Contrib Nephrol** 1984;41:409–14

Role of baroreceptor resetting in cardiovascular regulation: acute resetting. Kunze DL. **Fed Proc** 1985 May;44(8):2408–11 (10 ref.)

Captopril potentiates chronotropic baroreflex responses to carotid stimuli in humans. Ebert TJ. **Hypertension** 1985 Jul–Aug;7(4):602–6

Central effect of intravenous phenylephrine on baroreflex control of renal nerves. Imaizumi T, et al. **Hypertension** 1984 Nov–Dec;6(6 Pt 1):906–14

Effects of baroreceptor denervation on volume loading hypertension in anephric dogs. Manning RD Jr, et al. **Hypertension** 1985 Jul–Aug;7(4):562–8

Age–related changes of baroreflex function, plasma norepinephrine, and blood pressure. Shimada K, et al. **Hypertension** 1985 Jan–Feb;7(1):113–7

Sinus node electrogram in patients with the hypersensitive carotid sinus syndrome. Gang ES, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1484–90

Carotid sinus reflex control of coronary blood flow in human subjects. Volpe M, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1312–8

Effect of temperature and baroreceptor stimulation on reflex venomotor responses. Tripathi A, et al. **J Appl Physiol** 1984 Nov;57(5):1384–92

Reflex changes in sympatho–adrenal medullary functions in response to baroreceptor stimulation in anesthetized rats. Ito K, et al. **J Auton Nerv Syst** 1984 May–Jun;10(3–4):295–303

Arterial baroreceptor control of blood pressure in man. Mancia G, et al. **J Auton Nerv Syst** 1984 Sep;11(2):115–24 (35 ref.)

Effects of sino–aortic denervation on the acute circulatory responses to centrally administered 6–hydroxydopamine and of clonidine in conscious rabbits. Korner PI, et al. **J Cardiovasc Pharmacol** 1984 Sep–Oct;6(5):909–13

Intrarenal beta–receptor and renal baroreceptor interaction in the control of the renin response to transient reduction of the renal perfusion pressure in man. Guazzi MD, et al. **J Hypertens** 1985 Feb;3(1):39–45

The rate of arterial blood pressure change as a factor in the hysteresis of the baroreceptor reflex. Masuda Y, et al. **J Hypertens** 1984 Apr;2(2):189–94

Lesions of the locus coeruleus abolish baroreceptor–induced depression of supraoptic neurones in the rat. Banks D, et al. **J Physiol (Lond)** 1984 Oct;355:383–98

Comparative effects of cardiac receptors and sinoaortic baroreceptors on elevations of plasma vasopressin and renin activity elicited by haemorrhage. Goetz KL, et al. **J Physiol (Paris)** 1984;79(6):440–5

Sensitivity of rapidly acting arterial pressure control system in conscious adult rabbits at different ages. Hosomi H, et al. **Jpn J Physiol** 1984;34(5):793–801

Atrial receptors, vasopressin and blood volume in the dog. Ledsome JR. **Life Sci** 1985 Apr 8;36(14):1315–30 (86 ref.)

Vasopressin–induced pressor responses to carotid occlusion in the rat. Kubo T, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Oct;327(4):332–5

Mechanisms underlying hypertensive reactions under emotional stress. Tsyrlin VA, et al. **Neurosci Behav Physiol** 1985 May–Jun;15(3):227–32

Effects of baroreceptor activation on single unit activity of the anteroventral third ventricle region of the rat. Knuepfer MM, et al. **Neurosci Lett** 1985 May 14;56(2):79–85

Convergence of noxious and non–noxious cutaneous afferents and baroreceptor afferents onto single adrenal sympathetic neurons in anesthetized rats. Ito K, et al. **Neurosci Res** 1984 Apr;1(2):105–16

Relative roles of vagal and sympathetic effector mechanisms in the baroreflex control of myocardial contractility in conscious rabbits. Aylward PE, et al. **Pflugers Arch** 1985 Jan;403(1):21–7

Time–dependent effect of sectioning carotid sinus nerves on the vagally mediated baroreflex. Kaizuka T, et al. **Pflugers Arch** 1985 Mar;403(3):258–61

Baroreceptor involvement in classically conditioned heart rate responses of restrained rats. Hatton DC, et al. **Physiol Behav** 1984 Jul;33(1):31–5

Paradoxical responses to bilateral carotid occlusion in guinea pigs. Biggs DF, et al. **Proc West Pharmacol Soc** 1984;27:205–7

Cardiac receptors: their function in health and disease. Longhurst JC. **Prog Cardiovasc Dis** 1984 Nov–Dec;27(3):201–22 (261 ref.)

Modulation of baroreceptor activity. Kunze DL. **Prog Clin Biol Res** 1985;176:183–9

Changes in heart period, heart–period variability, and a spectral analysis estimate of respiratory sinus arrhythmia in response to pharmacological manipulations of the baroreceptor reflex in cats. McCabe PM, et al. **Psychophysiology** 1985 Mar;22(2):195–203

Chemo– and baroreceptor innervation of the aortic trunk of the toad Bufo vulgaris. Ishii K, et al. **Respir Physiol** 1985 Jun;60(3):365–75

Effects of changes in circulating volume and in arterial pressure on plasma renin activity in the intact rat. Soler A, et al. **Rev Esp Fisiol** 1985 Mar;41(1):107–16

[Modulation of carotid sinus baroreceptor activity by the cervical sympathetic nerves] Qu L, et al. **Sheng Li Ko Hsueh Chin Chan** 1984 Jul;15(3):258–61 **(Chi)**

[Aortic baroreceptor function in narcotized rabbits during alpha–adrenoceptor blockade with prazosin] Brattström A, et al. **Biomed Biochim Acta** 1984;43(7):987–93 (Eng. Abstr.) **(Ger)**

[The effect of sinocarotid circulatory reflexes on the microcirculation of the kidney] Sučkov VV, et al. **Biomed Biochim Acta** 1984;43(11):1251–6 (Eng. Abstr.) **(Ger)**

[Background heart contraction frequency––the determining factor of baroreflex sensitivity: a comparative physiological analysis] Dugin SF, et al. **Dokl Akad Nauk SSSR** 1984;279(6):1511–4 **(Rus)**

[Changes in the main indicators of hemodynamics during pressor and depressor reflex responses induced against a background of controlled bradycardia] Chugunova AN, et al. **Fiziol Zh** 1985 Mar–Apr;31(2):139–43 (Eng. Abstr.) **(Rus)**

[Comparative study of baroreceptor reflexes in cats and rats]

Eremeev VS, et al. **Fiziol Zh SSSR** 1984 Dec;70(12):1673-7 (Eng. Abstr.) **(Rus)**

[Characteristics of baroreceptor reflexes as affected by negative and positive emotions] Pliss MG, et al. **Fiziol Zh SSSR** 1985 May;71(5):587-92 (Eng. Abstr.) **(Rus)**

•

PHYSIOPATHOLOGY

Atrioventricular block induced in an athlete by carotid baroreceptor stimulation. Fiocchi R, et al. **Am Heart J** 1985 May;109(5 Pt 1):1102-4

Cold-induced immersion injury: a potential hazard of the cold pressor test. Campbell S, et al. **Am J Cardiol** 1985 Feb 15;55(5):585-6

Aortic baroreceptor discharge during nonhypotensive hemorrhage in anesthetized dogs. Hakumäki MO, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):H393-403

Reduced effectiveness of the carotid baroreflex during arterial hypoxia in dogs. Pisarri TE, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):H623-30

Hypotension 1.5 min after 10% hemorrhage permits evaluation of rabbit's baroreflex. Yamazaki T, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):H450-6

Impaired baroreflex control of vascular resistance and heart rate in acute myocardial infarction. Imaizumi T, et al. **Br Heart J** 1984 Oct;52(4):418-21

Baroreflex sensitivity measured by the phenylephrine pressor test in patients with carotid sinus and sick sinus syndromes. Morley CA, et al. **Cardiovasc Res** 1984 Dec;18(12):752-61

Imparied atrial receptor modulation or renal nerve activity in dogs with chronic volume overload. Zucker IH, et al. **Cardiovasc Res** 1985 Jul;19(7):411-8

Impaired baroreflex sensitivity in the aetiology of salt hypertension in the rabbit. Weinstock M, et al. **Clin Sci** 1985 May;68(5):489-93

Baroreceptor pressure regulation after aortic occlusion. Borman KR, et al. **Curr Surg** 1985 May-Jun;42(3):208-10

Baroreflex modulation of ventricular rhythm in atrial fibrillation. Borst C, et al. **Eur Heart J** 1984 Nov;5(11):870-5

Consequences of structural renovascular changes for renal barostat function. Folkow B, et al. **Hypertension** 1984 Nov-Dec;6(6 Pt 2):III100-2

Structural cardiovascular adaptation and the consequences for baroreflexes. Zanchetti A, et al. **Hypertension** 1984 Nov-Dec;6(6 Pt 2):III93-9

Primary dysfunction of the afferent limb of the arterial baroreceptor reflex system in a patient with severe supine hypertension and orthostatic hypotension. Kochar MS, et al. **J Am Coll Cardiol** 1984 Oct;4(4):802-5

Baroreflex impairment precedes hypertension during chronic cerebroventricular infusion of hypertonic sodium chloride in rats. Buñag RD, et al. **J Clin Invest** 1984 Dec;74(6):2065-73

Effects of sinoaortic baroreceptor denervation on blood pressure and PNMT activity in medulla oblongata and spinal cord of normotensive and genetically hypertensive rats. Minson JB, et al. **J Hypertens** 1985 Feb;3(1):81-7

The bedside evaluation of orthostatic hypotension. Brazer SR. **NC Med J** 1985 Apr;46(4):213-6

Low-pressure receptor activity and exaggerated natriuresis in essential hypertension. Coruzzi P, et al. **Nephron** 1985;40(3):309-15

The role of endogenous opioids in the baroreflex dysfunction of dialysis patients. Zoccali C, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:190-4

[Arteriosclerotic changes in the carotid arteries in patients with hypersensitive carotid sinus reflex] Grötz J, et al. **Klin Wochenschr** 1985 Jan 2;63(1):20-5 (Eng. Abstr.) **(Ger)**

[Characteristics of the blood pressure reflex control in carotid sinus hyperesthesia associated with hypertension] Bódis L, et al. **Orv Hetil** 1984 Aug 26;125(35):2113-6, 2119-20 (Eng. Abstr.) **(Hun)**

[Disorders of baroreflex regulation of the heart rate in conscious rabbits in chronic stenosis of the ascending aorta] Dugin SF, et al. **Kardiologiia** 1984 Jul;24(7):102-4 **(Rus)**

SURGERY

Acute deletion of arterial baroreceptor input in the conscious rabbit. Ludbrook J, et al. **Aust J Exp Biol Med Sci** 1985 Apr;63 (Pt 2):231-40

ULTRASTRUCTURE

Nerve degeneration study of the source of afferent axonal endings in the carotid baroreceptor zone of the domestic fowl. Abdel-Magied EM. **J Anat** 1984 Oct;139 (Pt 3):475-82

PRESSURE

see related

ATMOSPHERIC PRESSURE
BLOOD PRESSURE
MANOMETRY

Treatment of intussusception with small bowel obstruction: application of decision analysis. Leonidas JC. **AJR** 1985 Oct;145(4):665-9

Effects of hyperosmotic solutions on endolymphatic pressure. Yoshida M, et al. **Am J Otolaryngol** 1985 Jul-Aug;6(4):297-301

Feedback pressure-flow responses in normal and angiotensin-prostaglandin-blocked rats. Persson AE, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):F925-31

Effects of intravesical hydrostatic pressure and volume on the distensibility of the canine prostatic portion of the urethra. Johnston GR, et al. **Am J Vet Res** 1985 Mar;46(3):748-51

Cerebral venous sinus pressure in seated dogs: impact of PEEP, cervical venous compression, and abdominal compression. Hibino H, et al. **Anesthesiology** 1985 Aug;63(2):184-9

Pressure-induced bone resorption in the middle ear. Chole RA, et al. **Ann Otol Rhinol Laryngol** 1985 Mar-Apr;94(2 Pt 1):165-70

Effects of pressure on bone resorption in the middle ear of rats. Moriyama H, et al. **Ann Otol Rhinol Laryngol** 1985 Jan-Feb;94(1 Pt 1):60-4

A comparison of flow gradients across disposable arterial perfusion cannulas. Brodman R, et al. **Ann Thorac Surg** 1985 Mar;39(3):225-33

The effect of pressure on fetal and neonatal liver mitochondrial membranes. Mertens-Strijthagen J, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):825-31

Wheelchair cushion effect on pressure and skin temperature. Seymour RJ, et al. **Arch Phys Med Rehabil** 1985 Feb;66(2):103-8

Effects of high hydrostatic pressure on catecholamine contents in tissues of the eel acclimatized at two temperatures. Sebert P, et al. **Aviat Space Environ Med** 1984 Oct;55(10):931-4

Pressure effects on the photocycle of purple membrane. Marque J, et al. **Biochemistry** 1984 Nov 6;23(23):5556-63

Reversible folding reactions of human apolipoprotein A-I: pressure and guanidinium chloride effects. Mantulin WW, et al. **Biochim Biophys Acta** 1985 Sep 11;836(2):215-21

Clinical, pharmacological and immunological aspects of delayed pressure urticaria. Czarnetzki BM, et al. **Br J Dermatol** 1984 Sep;111(3):315-23

Hydrostatic pressure modifies the action of octanol and atropine on frog endplate conductance. Ashford ML, et al. **Br J Pharmacol** 1984 Oct;83(2):477-84

Pressure reversal of the action of octanol on postsynaptic membranes from Torpedo. Braswell LM, et al. **Br J Pharmacol** 1984 Sep;83(1):305-11

Intrathoracic and abdominal pressure variations as an efficient method for cardiopulmonary resuscitation: studies in dogs compared with computer model results. Beyar R, et al. **Cardiovasc Res** 1985 Jun;19(6):335-42

Right heart assist by intermittent abdominal compression after surgery for congenital heart disease. Guyton RA, et al. **Circulation** 1985 Sep;72(3 Pt 2):II97-100

In vitro metabolic response of articular cartilage segments to low levels of hydrostatic pressure. Lippiello L, et al. **Connect Tissue Res** 1985;13(2):99-107

Endoscopic manometry of the pancreatic duct and sphincter zone in patients with chronic pancreatitis. Novis BH, et al. **Dig Dis Sci** 1985 Mar;30(3):225-8

Mechanism of carboxypeptidase-Y-catalyzed reaction deduced from a pressure-dependence study. Fukuda M, et al. **Eur J Biochem** 1985 Jun 18;149(3):657-62

Extracorporeal shock-wave lithotripsy (ESWL) of kidney and ureteric stones. Schmiedt E, et al. **Int Urol Nephrol** 1984;16(4):273-83

Transformation of sound-pressure level from the free field to the eardrum presented in numerical form. Shaw EA, et al. **J Acoust Soc Am** 1985 Sep;78(3):1120-3

Brain tissue pressure in focal cerebral ischemia. Iannotti F, et al. **J Neurosurg** 1985 Jan;62(1):83-9

Pressures recorded during periodontal pocket irrigation. Kelly A, et al. **J Periodontol** 1985 May;56(5):297-9

The physiological effects of hydrostatic pressure are not equivalent to those of helium pressure on Rana pipiens. Dodson BA, et al. **J Physiol (Lond)** 1985 May;362:233-44

Intraluminal distension pressure on intestinal lymph flow, serosal transudation and fluid transport in the rat. Lee JS. **J Physiol (Lond)** 1984 Oct;355:399-409

Pressure-volume relationships and elastance in the knee joint of the dog. Nade S, et al. **J Physiol (Lond)** 1984 Dec;357:417-39

Short-term effect of androgen deprivation on intraluminal pressure and contractility of the rat epididymis. Din-Udom A, et al. **J Reprod Fertil** 1985 Mar;73(2):405-10

A hypothesis on the role of pressure in the origin of life. Nickerson KW. **J Theor Biol** 1984 Oct 5;110(3):487-99

Place of intrarenal pressure measurement in transplant management [letter] Gibbons CP, et al. **Lancet** 1985 Jun 1;1(8440):1269

The mobile pneumatic arm sleeve: a new device for treatment of arm lymphedema. Zelikovski A, et al. **Lymphology** 1985 Jun;18(2):68-71

Underseat pressure distribution in the sitting spinal injury patient. Minns RJ, et al. **Paraplegia** 1984 Oct;22(5):297-304

Weight concerns [letter] Belnap B. **Phys Ther** 1984 Oct;64(10):1573-4

The importance of nasal airway resistance and nasal symptoms in the selection of patients for septoplasty. Jessen M, et al. **Rhinology** 1984 Sep;22(3):157-64

Colloid osmotic pressure in decompensated cirrhosis. A 'mirror image' of portal venous hypertension. Henriksen JH. **Scand J Gastroenterol** 1985 Mar;20(2):170-4

Intra-abdominal pressure measurements using a wireless radio pressure pill and two wire connected pressure transducers: a comparison. Nordin M, et al. **Scand J Rehabil Med** 1984;16(4):139-46

Renal pelvis pressure flow relationship in pigs after transsections of the ureter. Mortensen J, et al. **Scand J Urol Nephrol** 1984;18(4):329-33

Adaptation of the membrane lipids of a deep-sea bacterium to changes in hydrostatic pressure. DeLong EF, et al. **Science** 1985 May 31;228(4703):1101-3

Utilization and wide clinical implementation using the wick catheter for compartment pressure measurement. Russell WL, et al. **Surg Gynecol Obstet** 1985 Mar;160(3):207-10

Pressure measurement on the ischial tuberosity of the human body in sitting position and evaluation of the pressure relieving effect of various cushions. Yang BJ, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jul;83(7):692-8

Pressure-induced metabolic activation of platelets demonstrated in vitro by determination of malondialdehyde formation. Torsellini A, et al. **Thromb Haemost** 1984 Aug 31;52(1):4-6

Intraorgan pressure changes in rejecting kidney, liver, and heart transplants in the rat. Vasir B, et al. **Transplantation** 1985 Jul;40(1):17-21

Tissue distribution of penicillin during constant rate infusion in rats at 71 ATA. Aanderud L, et al. **Undersea Biomed Res** 1985 Mar;12(1):53-8

Experimental study of the pressure-volume and pressure-time relations in the completely obstructed pelvis of the porcine kidney. Part 1: Introduction and theory. Donkervoort TK, et al. **Urol Res** 1985;13(1):1-3

Experimental study of the pressure-volume and pressure-time relations in the completely obstructed pelvis of the porcine kidney. Part 3: Stability of the pelvicalyceal system. Donkervoort TK, et al. **Urol Res** 1985;13(1):9-10

Experimental study of the pressure-volume and pressure-time relations in the completely obstructed pelvis of the porcine kidney. Part 2: The relation between actual hydrostatic pressure, intrapelvic volume and time. Donkervoort TK, et al. **Urol Res** 1985;13(1):5-8

[Late results following compression treatment of deep 2d and 3d degree burns] Eckert P, et al. **Langenbecks Arch Chir** 1984;364:241-4 (Eng. Abstr.) **(Ger)**

[Pressure-course events in the tabletting of phenylbutazone] Wenzel U, et al. **Pharmazie** 1984 Oct;39(10):693-4 (Eng. Abstr.) **(Ger)**

[Water content of the lungs during 7-day anti-orthostatic hypokinesia] Nikolaenko EM, et al. **Kosm Biol Aviakosm Med** 1984 Nov-Dec;18(6):40-4 (Eng. Abstr.) **(Rus)**

[Action of high hydrostatic pressure on the fluorescence of respiratory metabolic components and on the staining capacity of the skeletal muscles in the frog] Troshina VP, et al. **Tsitologiia** 1985 Apr;27(4):427-32 (Eng. Abstr.) **(Rus)**

[Evaluation of bimanual uterine compression in post-partum hemorrhage] Castañón Castellanos A, et al. **Ginecol Obstet Mex** 1984 Jul;52(327):183-6 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Cardiovascular responses to elevation of intra-abdominal hydrostatic pressure. Barnes GE, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R208-13

Complications of pressure therapy for post-burn hypertrophic scars. Biomechanical analysis based on 5 patients. Leung KS, et al. **Burns Incl Therm Inj** 1984 Aug;10(6):434-8

High-compression injection injuries to the hand. Lewis RC Jr. **Emerg Med Clin North Am** 1985 May;3(2):373-81

Effect of excitatory amino acid antagonists on the high pressure neurological syndrome in rats. Wardley-Smith B, et al. **Eur J Pharmacol** 1984 Oct 15;105(3-4):351-4

The pressure distribution under tourniquets. McLaren AC, et al. **J Bone Joint Surg [Am]** 1985 Mar;67(3):433-8

Hyperbaric diuresis and nocturia--a review. Shiraki K, et al. **Sangyo Ika Daigaku Zasshi** 1985 Mar 1;7(1):61-72 (15 ref.)

[Pneumatic lesions of the colon] Pascual Montero JA, et al. **Rev Esp Enferm Apar Dig** 1984 Nov;66(5):444-7 (Eng. Abstr.) **(Spa)**

PRESSURE SUITS see **G SUITS**

PRETHCAMIDE

METABOLISM

A study on the Prethcamide hydroxyiation system in rat hepatic microsomes. Szumiło T, et al. **Acta Biochim Pol** 1984;31(4):409-19

PHARMACODYNAMICS

[The effect of drugs on laryngeal resistance and motor neuron activity in the recurrent nerve in the cat] Stránsky A, et al. **Bratisl Lek Listy** 1985 May;83(5):573-83 (Eng. Abstr.) **(Slo)**

PREVENTION, PRIMARY see **PRIMARY PREVENTION**

PREVENTIVE DENTISTRY

see related
DENTAL CLINICS
HEALTH EDUCATION, DENTAL

Prior publication, an ethical issue [editorial] Yankauer A. **Am J Public Health** 1985 Apr;75(4):341-3

Living with prevention. Jackson D. **Br Dent J** 1984 Aug 11;157(3):86

Effects of comprehensive preventive programmes on oral health in children and juveniles in congested industrial areas. Künzel W. **Int Dent J** 1984 Sep;34(3):161-5

Acceptance of preventive measures by individuals, institutions and communities. Silversin J, et al. **Int Dent J** 1984 Sep;34(3):170-6

Operation of the National Preventive Dentistry Demonstration Program. Bohannan HM, et al. **J Public Health Dent** 1985 Spring;45(2):75-82

Diagnosis and treatment of dental caries: the clinicians' dilemma. From cure to prevention—a case study in professional reorientation. Maddick I. **J R Soc Med** 1985; 78 Suppl 7:37-42

ECONOMICS

Insuring preventive dental care: are sealants included? Glasrud PH. **Am J Public Health** 1985 Mar;75(3):285-6

The cost and effectiveness of school-based preventive dental care. Klein SP, et al. **Am J Public Health** 1985 Apr; 75(4):382-91

Theoretical considerations in applying benefit-cost and cost-effectiveness analyses to preventive dental programs. Niessen LC, et al. **J Public Health Dent** 1984 Fall; 44(4):156-68

HISTORY

[25-year history of the Clinic of Preventive Dentistry at the Semmelweis University of Medicine] Bánóczy J, et al. **Fogorv Sz** 1984 Nov;77(11):321-3 **(Hun)**

TRENDS

Impact on dental hygiene. Fales MH. **J Public Health Dent** 1985 Summer;45(3):126-9

[The evolution of dental medicine] Pinto O. **Rev Port Estomatol Cir Maxilofac** 1984 Oct-Dec; 25(4):1075-102 **(Por)**

PREVENTIVE HEALTH SERVICES

see related
IMMUNIZATION

Consequences of assessment and intervention among elderly people: a three year randomised controlled trial. Hendriksen C, et al. **Br Med J [Clin Res]** 1984 Dec 1; 289(6457):1522-4

Who should promote health and provide preventive care? Wilkins KC, et al. **Can Med Assoc J** 1985 Apr 15; 132(8):903-5

Prevention and the elderly: risk factors. Kane RL, et al. **Health Serv Res** 1985 Feb;19(6 Pt 2):945-1006 (188 ref.)

Intervention strategies for children: a research agenda. Roghmann KJ. **Health Serv Res** 1985 Feb;19(6 Pt 2):887-943 (166 ref.)

A synopsis of federal-state sponsored preventive child health. Reis JS, et al. **J Community Health** 1984 Spring;9(3):222-39

The Primary Mental Health Project reconsidered. Stein DM, et al. **J Consult Clin Psychol** 1984 Dec;52(6):940-5

Clinics for smokers [letter] Chapman S. **Lancet** 1985 Jun 8; 1(8441):1335

Managerial implications of multidrug therapy. Askew AD. **Lepr Rev** 1985 Jun;56(2):89-97

Prevention of prematurity and resultant infant mortality. Ziel HA Jr. **Mich Med** 1985 Jan;84(1):7-8

High blood pressure control project—South Carolina, 1978-1982. **MMWR** 1984 Oct 5;33(39):559-61

Prevention and health promotion in primary care: baseline results on physicians from the INSURE Project on Lifecycle Preventive Health Services. Rosen MA, et al. **Prev Med** 1984 Sep;13(5):535-48

Behavioral community psychology: a review of recent research and applications. Jason LA, et al. **Prog Behav Modif** 1984;18:85-121 (137 ref.)

[General observations on prevention] Kiml J. **Cesk Otolaryngol** 1985 Jan;34(1):1-6 **(Cze)**

[Preventive screening in Child Health Services] Van Wieringen JC, et al. **Tijdschr Kindergeneeskd** 1985 Jun; 53(3):85-91 (Eng. Abstr.) **(Dut)**

[Increased efficiency of the prophylactic examinations of workers and employees in industrial enterprises] Kalishchuk AO, et al. **Vrach Delo** 1984 Sep;(9):110-1 (Eng. Abstr.) **(Rus)**

[Preventive care in general practice and its documentation] Klimo F, et al. **Cesk Zdrav** 1984 Sep;32(8-9):338-48 (Eng. Abstr.) **(Slo)**

[Alcohol programs in a general hospital] Santo-Domingo J, et al. **Arch Neurobiol (Madr)** 1985 Mar-Apr;48(2):89-104 (Eng. Abstr.) **(Spa)**

ECONOMICS

Cost-effectiveness of blindness prevention by the Onchocerciasis Control Programme in Upper Volta. Prost A, et al. **Bull WHO** 1984;62(5):795-802

Preventive health programs found to be cost-effective [news] Firshein J. **Hospitals** 1985 Sep 16;59(18):37-8

Headed in the wrong direction [letter] Burkitt D. **Lancet** 1984 Dec 22;2(8417-18):1475

Free care, cholestyramine, and health policy. Himmelstein DU, et al. **N Engl J Med** 1984 Dec 6;311(23):1511-4

Worksite economical setting for preventive health care programs. Polakoff PL. **Occup Health Saf** 1985 Jun; 54(6):75-6

[Comparative evaluation of the loss related to the early death of patients with arterial hypertension] Britov AN, et al. **Sov Zdravookhr** 1984;(10):31-7 **(Rus)**

LEGISLATION & JURISPRUDENCE

Recent history of federal initiatives in prevention policy. McGinnis JM. **Am Psychol** 1985 Feb;40(2):205-12

MANPOWER

Who should promote health and provide preventive care? A cautionary note [editorial] Southall HA. **Can Med Assoc J** 1985 Jul 15;133(2):97-9

[Characteristics of the outpatient reception of the adult population in tuberculosis dispensaries] Sheĭnman VL, et al. **Probl Tuberk** 1984 Nov;(11):10-4 (Eng. Abstr.) **(Rus)**

ORGANIZATION & ADMINISTRATION

Facilitating prevention in primary care. Fullard E, et al. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1585-7

An early intervention program for native Indian infants and their families. Mayfield MI, et al. **Can J Public Health** 1984 Nov-Dec;75(6):450-3

Immunization of children in Calgary [letter] Leung A. **Can Med Assoc J** 1984 Oct 15;131(8):844-6

The EPSDT program: a progress report. Manning WL. **Indiana Med** 1985 Apr;78(4):320-2

The development of the Irish tuberculosis services. Deeney J. **Ir J Med Sci** 1985 May;154(5 Suppl 1):29-33

Field preventive medicine and epidemiological surveillance: the Beirut, Lebanon experience, 1982. Daniell FD, et al. **Milit Med** 1985 Apr;150(4):171-6

Childhood immunisations: a recall system is worthwhile. Reid JS, et al. **NZ Med J** 1984 Oct 10;97(765):688-9

TIPP usage. Krassner L. **Pediatrics** 1984 Nov;74(5 Pt 2):976-80

Dispensary follow-up—prophylactic method for acute chronicity. Elshteyn MV. **Sante Publique (Bucur)** 1984; 27(3):213-23

Importance of automatized systems in dispensary follow-up of the whole population. Ermakov VV, et al. **Sante Publique (Bucur)** 1984;27(3):179-85

[New drive for perinatal prevention in agricultural social mutual insurance] Frézal J, et al. **Arch Fr Pediatr** 1984 Nov;41(9):655-8 **(Fre)**

[Program of prevention and health promotion among young inhabitants of Vaud from 16 to 19 years] Michaud PA, et al. **Soz Praventivmed** 1984;29(4-5):205-6 (Eng. Abstr.) **(Fre)**

[Possibilities and limitations of an efficiency audit of programs for early diagnosis of childhood diseases] Zalewski T. **Off Gesundheitswes** 1985 Jun;47(6):254-7 **(Ger)**

[Results of the Zirl prevention project] Rhomberg HP. **Wien Klin Wochenschr** 1985 Mar 29;97(7):332-3 (Eng. Abstr.) **(Ger)**

[Organizational and methodologic problems in a human rabies prevention service] Borroni G, et al. **G Batteriol Virol Immunol** 1983 Jul-Dec;76(7-12):257-70 (Eng. Abstr.) **(Ita)**

[Improved methods of preventing tuberculosis and nonspecific lung diseases] Lomako MN, et al. **Probl Tuberk** 1985;(2):3-7 (Eng. Abstr.) **(Rus)**

[Main trends in studies on social hygiene and public health administration] Ovcharov VK. **Sov Zdravookhr** 1985; (4):20-6 **(Rus)**

[Program for the prevention of chronic non-infectious diseases] Platukis II, et al. **Sov Zdravookhr** 1985;(2):7-11 **(Rus)**

[Work of a republic hospital in the transition to annual dispensarization of the entire population] Zhigas V, et al. **Sov Zdravookhr** 1985;(2):33-7 **(Rus)**

[Experience with the complex operation of public health and social service organs and institutions in preventing and reducing disability] Posnyĭ VF. **Vrach Delo** 1984 Dec; (12):101-2 **(Rus)**

[Effects of a municipal immunization program on the vaccination coverage in a school population] Casabona J, et al. **An Esp Pediatr** 1984 Jun;20(9):842-6 (Eng. Abstr.) **(Spa)**

STANDARDS

Whither goeth the model standards? [editorial] Hardy GE Jr. **Am J Public Health** 1985 Jun;75(6):588-9

Update on the delayed effects of the 'five day plan to stop smoking'. Schlegel RP, et al. **Prev Med** 1984 May; 13(3):320-2

Some obstacles to the evaluation and effective performance of health appraisals. Friedman GD. **West J Med** 1984 Dec; 141(6):782-5

[Evaluation of hypertensive status and measures to control it] Baubinene AV, et al. **Sov Zdravookhr** 1984;(11):11-6 (Eng. Abstr.) **(Rus)**

TRENDS

The four arenas of prevention [editorial] Bonham GH. **Can J Public Health** 1985 Jan-Feb;76(1):8-12 **(Eng, Fre)**

'An ounce of prevention ...' How one community wellness program has succeeded. Weaver RA. **J Med Assoc Ga** 1985 May;74(5):320-1

[Results of continuous preventive care of 1 to 3-year-old children] Bärenwald C, et al. **Arztl Jugendkd** 1985 Feb; 76(1):1-8 (Eng. Abstr.) **(Ger)**

[Interdisciplinary cooperation between general physicians and pediatric and adolescent health protection—status and development] Dückert M, et al. **Z Gesamte Hyg** 1984 Oct; 30(10):551-3 (Eng. Abstr.) **(Ger)**

[The health of healthy people] Petrov BD. **Klin Med (Mosk)** 1984 Oct;62(10):5-9 **(Rus)**

[Prevention—the general trend in socialist public health] **Sov Zdravookhr** 1985;(1):3-6 **(Rus)**

UTILIZATION

Explaining participation in programmes for the early detection of breast cancer. Calnan M. **Community Med** 1984 Aug;6(3):204-9

An epidemiological assessment of immunization programme participation in the Philippines. Friede AM, et al. **Int J Epidemiol** 1985 Mar;14(1):135-42

The family heart dietary intervention program: community response and characteristics of joining and nonjoining families. Hollis JF, et al. **Prev Med** 1984 May;13(3):276-85

Patterns in preventive behaviour: a study of women in middle age. Calnan M. **Soc Sci Med** 1985;20(3):263-8

The health belief model and participation in programmes for the early detection of breast cancer: a comparative analysis. Calnan M. **Soc Sci Med** 1984;19(8):823-30

PREVENTIVE MEDICINE

Recognizing the challenges of prevention in rehabilitation. Devellis RF, et al. **Arch Phys Med Rehabil** 1985 Jan; 66(1):52-4

Computer assisted screening: effect on the patient and his consultation. Pringle M, et al. **Br Med J [Clin Res]** 1985 Jun 8;290(6483):1709-12

The value of preventive medicine. **Ciba Found Symp** 1985; 110:1-258

Preventive medicine: the objectives. Doll R. **Ciba Found Symp** 1985;110:3-21

Will disease prevention spare the medical commons? Hiatt HH, et al. **Ciba Found Symp** 1985;110:218-35

Role of controlled trials in evaluating preventive medicine procedures. Rose G. **Ciba Found Symp** 1985;110:183-202

Issues in the design of future preventive medicine studies. Russell LB. **Ciba Found Symp** 1985;110:203-17

The value of physical fitness in preventive medicine. Shephard RJ. **Ciba Found Symp** 1985;110:164-82

Attitude of men aged 45-59 years to health and disease prevention (preventive study in Kaunas). Goštautas AA, et al. **Cor Vasa** 1984;26(3):182-9

On social-geographic requirements addressed to medical-geographic research. Agafonov NΓ, et al. **Geogr Med** 1984;14:264-73

How to maintain the health of independent elderly. Sloane PD. **Geriatrics** 1984 Oct;39(10):93-5, 99-100, 104

Improving physician compliance with preventive medicine guidelines. Mandel I, et al. **J Fam Pract** 1985 Sep; 21(3):223-4

Method of medical data preparation for modern prophylactic needs. Trabka W, et al. **Med Inf (Lond)** 1985 Jan-Mar; 10(1):51-8

Presidential illness and prevention of disease [letter] Russell MA. **N Engl J Med** 1985 Aug 29;313(9):586

Introduction to preventive pediatrics. Lovejoy FH Jr. **Pediatrics** 1984 Nov;74(5 Pt 2):958-60

Medical recommendations for wilderness travel. 1. Health maintenance in the great outdoors. Goodman PH, et al. **Postgrad Med** 1985 Jun;77(8):173-80, 183-4

Presentation of the Galen Medal to John Franklin Enders. Dudgeon JA. **Rev Infect Dis** 1985 Mar-Apr;7(2):278-83

How to stay well in Tzintzuntzan. Foster GM. **Soc Sci Med** 1984;19(5):523-33

The health belief model and preventive health behaviour in Singapore. Quah SR. **Soc Sci Med** 1985;21(3):351-63

The role of maternal and child health clinics in education and prevention: a case study from Papua New Guinea. Reid J. **Soc Sci Med** 1984;19(3):291-303

Diseases of refugees—causes, effects and control. Dick B. **Trans R Soc Trop Med Hyg** 1984;78(6):734-41 (58 ref.)

[The development of preventive-medical thinking in the last decades] van de Voorde H. **Arch Belg** 1984;42(7-8):435-40 **(Dut)**

[Interdisciplinary advances in the area of prevention] Lehmann P. **Soz Praventivmed** 1985;30(3):129-30 (Eng. Abstr.) **(Fre)**

[Implementation of prevention: imperatives of multiple collaboration and action within the community (editorial)] Martin J. **Soz Praventivmed** 1985;30(3):111-2 **(Fre)**

[Preventive action potential of the primary care physician] Nemitz I. **Soz Praventivmed** 1985;30(3):170-2 (Eng. Abstr.) **(Fre)**

[From prevention to health promotion] Pissarro B.

Soz Praventivmed 1985;30(3):113–8 (Eng. Abstr.) **(Fre)**

[Interdisciplinary strategies in prevention: contribution of nursing practitioners] Poletti RA. **Soz Praventivmed** 1985; 30(3):168–9 (Eng. Abstr.) **(Fre)**

[Prevention in health and environmental policy] Pedroli R. **Soz Praventivmed** 1985;30(3):184–6 (Eng. Abstr.) **(Ger)**

[Surgical diseases in advanced age and their prevention] Staudacher V, et al. **Minerva Med** 1985 Jan 28;76(3–4):71–2 **(Ita)**

[1985 scientific meeting, Lausanne] **Soz Praventivmed** 1985; 30(4–5):197–289 **(Mul)**

[Visit to the National School of Public Health in Rennes and the Centers for Preventive Medicine and Social Hygiene in Nancy, France, 1983] Ananijević-Pandej J. **Srp Arh Celok Lek** 1984 Mar;112(3):395–402 **(Scr)**

ECONOMICS

The value of prevention: economic aspects. Jönsson B. **Ciba Found Symp** 1985;110:22–37

How much can the NHS afford to spend to save a life or avoid a severe disability? [letter] **Lancet** 1985 Feb 2; 1(8423):280–2

[Expert hygienic evaluation of plans and estimates and its role in preventive sanitary control] Chebanova OV. **Gig Tr Prof Zabol** 1984 Oct;(10):1–5 (Eng. Abstr.) **(Rus)**

EDUCATION

Preventive medicine in general internal medicine residency training. Preventive Health Care Committee, Society for Research and Education in Primary Care Internal Medicine. **Ann Intern Med** 1985 Jun;102(6):859–61

Preventive medicine and residency training [letter] **Ann Intern Med** 1985 Oct;103(4):641–2

Education in prevention, health promotion and aging in medical and nursing schools. Simson S, et al. **Gerontol Geriatr Educ** 1984 Fall;5(1):43–52

Postgraduate preventive medicine: where do we stand today. Scutchfield FD **J Community Health** 1984 Spring; 9(3):240–50

Measures of knowledge and attitude toward preventive cardiology. Allred CA, et al. **J Med Educ** 1985 Apr; 60(4):314–9

Caught in the crossfire: congressional action on the residency training authority. Barbour DJ. **J Public Health Policy** 1984 Dec;5(4):453–7

Preventive care attitudes of medical students. Scott CS, et al. **Soc Sci Med** 1985;21(3):299–305

[Teaching social and preventive medicine to pharmacy students] Bruppacher R, et al. **Soz Praventivmed** 1985; 30(3):173–6 (Eng. Abstr.) **(Ger)**

[Various problems in the professional and deontologic instruction of physician-hygienists] Borisenko NF, et al. **Gig Sanit** 1984 Sep;(9):44–6 **(Rus)**

METHODS

The periodic health examination and internal medicine: 1984. Fletcher SW. **Ann Intern Med** 1984 Dec;101(6):866–8

A computer program for international travel advice. Dardick KR. **J Fam Pract** 1985 Jan;20(1):85–7

Use of a health planning conference in a family practice. Struve JK, et al. **J Fam Pract** 1985 Jan;20(1):75–8

STANDARDS

[Organization of preventive sanitary control and elaboration of technical standards for the documentation of new technological processes, equipment, instruments, chemicals and products and their introduction to the national economy] Iarkovoĭ EA, et al. **Gig Tr Prof Zabol** 1985 Feb; (2):7–11 (Eng. Abstr.) **(Rus)**

TRENDS

New trend in medicine in the developed countries. Yabrov A. **Med Hypotheses** 1985 May;17(1):67–8

[Interdisciplinary prevention—a critical analysis of the situation] Frey U. **Soz Praventivmed** 1985;30(3):187–9 (Eng. Abstr.) **(Ger)**

[Does preventive medicine still have a chance today?] Schettler G. **Wien Klin Wochenschr** 1985 Mar 29; 97(7):305–11 **(Ger)**

PREVENTIVE PSYCHIATRY see under **COMMUNITY PSYCHIATRY**

PRIAPISM

CHEMICALLY INDUCED

More on trazodone and priapism [letter] Patt N. **Am J Psychiatry** 1985 Jun;142(6):783–4

Trazodone and priapism [letter] Raskin DE. **Am J Psychiatry** 1985 Jan;142(1):142–3

Priapism resulting from fluphenazine hydrochloride treatment reversed by diphenhydramine. Fishbain DA. **Ann Emerg Med** 1985 Jun;14(6):600–2

Unusual erectile activity as a side effect of trazodone. Sacks M, et al. **Hosp Community Psychiatry** 1985 Mar;36(3):298

Prazosin-induced priapism in a diabetic [letter] Adams JW, et al. **J Urol** 1984 Dec;132(6):1208

Antidepressant side effects [letter] **Psychosomatics** 1984 Dec; 25(12):919–20

COMPLICATIONS

Ultrasound imaging of the corpora cavernosa after priapism. Hamm B, et al. **Eur Urol** 1985;11(3):210–1

DIAGNOSIS

[A case of pseudopriapism: pericavernous hematoma of the penis] Enderli JB, et al. **J Urol (Paris)** 1984;90(2):139–40 (Eng. Abstr.) **(Fre)**

DRUG THERAPY

Ketamine for treatment of priapism [letter] Villalonga A, et al. **Anesth Analg** 1985 Oct;64(10):1033–4

Intracorporeal cavernosa streptokinase as adjuvant therapy in the delayed treatment of idiopathic priapism. Gibel LJ, et al. **J Urol** 1985 Jun;133(6):1040–1

Metaraminol for haemodialysis-associated priapism [letter] Branger B, et al. **Lancet** 1985 Mar 16;1(8429):641

Metaraminol for priapism [letter] Stanners A, et al. **Lancet** 1984 Oct 27;2(8409):978

ETIOLOGY

Priapism complicating chronic myeloid leukaemia and its management. Saikia T, et al. **J Indian Med Assoc** 1984 Aug; 82(8):294–6

Priapism as the presenting feature of renal cell carcinoma. Sarma DP, et al. **J Surg Oncol** 1985 Feb;28(2):103–7

Priapism associated with the use of intravenous fat emulsion: case reports and postulated pathogenesis. Klein EA, et al. **J Urol** 1985 May;133(5):857–9

Priapism as a feature of claudication of the cauda equina. Maurice-Williams RS, et al. **Surg Neurol** 1985 Jun; 23(6):626–8

Case profile: priapism secondary to metastatic adenocarcinoma of rectum. Cherrie RJ, et al. **Urology** 1985 Jun;25(6):655

HISTORY

[Priapism through the centuries] Jolidon C, et al. **J Urol (Paris)** 1985;91(4):225–6 (Eng. Abstr.) **(Fre)**

OCCURRENCE

Priapism in association with sickle cell anemia in Saudi Arabia. Al-Awamy B, et al. **Acta Haematol (Basel)** 1985; 73(3):181–2

RADIOGRAPHY

Partial priapism: the role of CT in its diagnosis. Burkhalter JL, et al. **Radiology** 1985 Jul;156(1):159

SURGERY

Treatment of priapism [letter] Lindoro J, et al. **Lancet** 1984 Dec 8;2(8415):1348

Priapism—the occasional surgical emergency: a case report. Mahamooth Z, et al. **Med J Malaysia** 1984 Jun;39(2):167–9

Priapism: evaluation and treatment. Pantaleo-Gandais M, et al. **Urology** 1984 Oct;24(4):345–6

[Treatment of priapism by a balanocavernous fistula. Apropos of 7 case reports] Maudrux G, et al. **Tunis Med** 1983 Jan–Feb;61(1):61–2 (Eng. Abstr.) **(Fre)**

THERAPY

Priapism: etiology, treatment, and results in series of 35 presentations. Bertram RA, et al. **Urology** 1985 Sep; 26(3):229–32

Priapism [letter] Macaluso JN. **Urology** 1985 Mar;25(3):335

Priapism: review of 34 cases. Macaluso JN Jr, et al. **Urology** 1985 Sep;26(3):233–6

PRILOCAINE

Vascular effects of a local anesthetic mixture in atopic dermatitis. Juhlin L, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):439–40

Pain-free venepuncture. Effect of timing of application of local anaesthetic cream. Hallén B, et al. **Anaesthesia** 1984 Oct;39(10):969–72

Prilocaine in pregnancy [letter] Turnbull R, et al. **Aust Dent J** 1985 Feb;30(1):58

Clinical study of a lignocaine-prilocaine cream to relieve the pain of venepuncture. Hallén B, et al. **Br J Anaesth** 1985 Mar;57(3):326–8

Influence of the addition of potassium to 0.5% prilocaine solution during I.V. regional anaesthesia. McKeown DW, et al. **Br J Anaesth** 1984 Oct;56(10):1167–70

[Quantification of analgesia. Technical proposal] Neidhardt A, et al. **Cah Anesthesiol** 1985 Jan–Feb;33(1):29–30 **(Fre)**

ADMINISTRATION & DOSAGE

[Spinal anesthesia and morphine analgesia in prostatic surgery] Mora C, et al. **Cah Anesthesiol** 1985 Jan–Feb; 33(1):25–7 (Eng. Abstr.) **(Fre)**

ADVERSE EFFECTS

Methemoglobinemia associated with a prilocaine-lidocaine cream and trimetoprim-sulphamethoxazole. A case report. Jakobson B, et al. **Acta Anaesthesiol Scand** 1985 May; 29(4):453–5

Prilocaine-induced methemoglobinemia in a child with Shwachman syndrome. Klos CP, et al. **J Oral Maxillofac Surg** 1985 Aug;43(8):621–3

[Remarks on the paper by F. Thiessen, J. Bergmann and H. Steinhoff: Methemoglobinemia following blockade of the brachial plexus with prilocaine (Xylonest) (letter)] Biscoping J, et al. **Reg Anaesth** 1985 Apr;8(2):42 **(Ger)**

[Methemoglobinemia following blockade of the brachial plexus with prilocaine (Xylonest)] Thiessen F, et al. **Reg Anaesth** 1984 Jul;7(3):94–5 (Eng. Abstr.) **(Ger)**

BLOOD

[Comparison of the course of blood levels of bupivacaine and prilocaine after intra-articular irrigation administration for arthroscopy of the knee] Moulin M, et al. **Therapie** 1985 Jul–Aug;40(4):217–20 (Eng. Abstr.) **(Fre)**

THERAPEUTIC USE

The use of blistering agents (vesicants) in horses. Cambridge H, et al. **Aust Vet J** 1985 Jan;62(1):23–4

[Pain relief in vein puncture. Application time and effectiveness of lidocaine-prilocaine-cream] Dohlwitz A, et al. **Anaesthesist** 1985 Jul;34(7):355–8 (Eng. Abstr.) **(Ger)**

PRIMACLONE see **PRIMIDONE**

PRIMAQUINE

ADMINISTRATION & DOSAGE

Results of 3-day radical treatment of Plasmodium vivax in North Arcot and South Arcot Districts of Tamil Nadu. Appavoo NC, et al. **Indian J Malariol** 1984 Jun;21(1):21–4

[The radical efficacy of pyronaridine-primaquine combination in tertian malaria] Huei BL, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):260–2 (Eng. Abstr.) **(Chi)**

[Relapses and indirect fluorescent antibody level in vivax malaria patients after chloroquine and chloroquine-primaquine treatment] Wang K, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):224–7 (Eng. Abstr.) **(Chi)**

ANALOGS & DERIVATIVES

[Synthesis of 2,5-bis-substituted phenoxy derivatives of primaquine for radical treatment of vivax malaria] Zheng XY, et al. **Yao Hsueh Hsueh Pao** 1984 Sep;19(9):667–70 (Eng. Abstr.) **(Chi)**

ANALYSIS

High-performance liquid chromatographic-ultraviolet determination of primaquine and its metabolites in human plasma and urine. Parkhurst GW, et al. **J Pharm Sci** 1984 Sep;73(9):1329–31

BLOOD

Pharmacokinetics of primaquine in rhesus monkeys. Prasad RN, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jan; 23(1):45–6

METABOLISM

Pharmacokinetics of primaquine in man. I. Studies of the absolute bioavailability and effects of dose size. Mihaly GW, et al. **Br J Clin Pharmacol** 1985 Jun;19(6):745–50

Pharmacokinetics of primaquine in man. II. Comparison of acute vs chronic dosage in Thai subjects. Ward SA, et al. **Br J Clin Pharmacol** 1985 Jun;19(6):751–5

The disposition of primaquine in the isolated perfused rat liver. Effect of dose size. Ward SA, et al. **Drug Metab Dispos** 1985 Jul–Aug;13(4):425–9

PHARMACODYNAMICS

The effects of primaquine stereoisomers and metabolites on drug metabolism in the isolated perfused rat liver and in vitro rat liver microsomes. Mihaly GW, et al. **Biochem Pharmacol** 1985 Feb 1;34(3):331–6

Effect of mefloquine on hepatic drug metabolism in the rat: comparative study with primaquine. Riviere JH, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):567–71

Pharmacokinetics of oral contraceptive steroids following the administration of the antimalarial drugs primaquine and chloroquine. Back DJ, et al. **Contraception** 1984 Sep; 30(3):289–95

Effect of lysosomotropic amines on the secretory pathway and on the recycling of the asialoglycoprotein receptor in human hepatoma cells. Strous GJ, et al. **J Cell Biol** 1985 Aug;101(2):531–9

Effects of primaquine on serum biochemical and hematological parameters in anesthetized Macaca fascicularis. Kapeghian JC, et al. **J Med Primatol** 1984; 13(2):97–103

Erythrocyte membrane ATPase activity of G6PD-deficient individuals and the effect of primaquine metabolite(s) on membrane ATPase enzymes. Akoğlu T, et al. **J Trop Med Hyg** 1984 Oct;87(5):219–24

Primaquine and lysosomotropic amines inhibit malaria sporozoite entry into human liver cells. Schwartz AL, et al. **Mol Biochem Parasitol** 1985 Mar;14(3):305-11

[Methemoglobin formation in the erythrocytes of mice as affected by primaquine metabolites and the protective action of antioxidants] Sokhanenkova TL, et al. **Med Parazitol (Mosk)** 1984 Jul-Aug;(4):22-4 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Enhancement of the curative activity of primaquine by concomitant administration of mirincamycin. Schmidt LH. **Antimicrob Agents Chemother** 1985 Feb;27(2):151-7

[Evaluation of an alternative scheme of treatment for the control of malaria] Méndez Galván JF, et al. **Salud Publica Mex** 1984 Nov-Dec;26(6):561-72 (Eng. Abstr.) **(Spa)**

PRIMARY CARE PHYSICIANS see **PHYSICIANS, FAMILY**

PRIMARY HEALTH CARE

Assignment of follow-up appointments from an emergency room by pediatric residents. DeAngelis C, et al. **Am J Dis Child** 1985 Apr;139(4):341-2

Primary care. Does it belong in pediatrics? [editorial] Helfer RE. **Am J Dis Child** 1985 Oct;139(10):974-5

The continued care of pediatric patients with renal disease into adult life. Cameron JS. **Am J Kidney Dis** 1985 Aug; 6(2):91-5

An exploration of somatization among Asian refugees and immigrants in primary care. Lin EH, et al. **Am J Public Health** 1985 Sep;75(9):1080-4

Internal medicine and primary care [letter] Aldis WL. **Arch Intern Med** 1984 Oct;144(10):2099-100

Controlled trial of psychiatric nurse therapists in primary care. Marks I. **Br Med J [Clin Res]** 1985 Apr 20; 290(6476):1181-4

An outlook on tuberculosis control and new technologies in primary health care of developing countries. Assaad F. **Bull Int Union Tuberc** 1984 Mar-Jun;59(1-2):67-71

Primary care and the pattern of disease in a rural area of the Argentine Chaco. Brett MT. **Bull Pan Am Health Organ** 1984;18(2):115-26

An evaluation of the child health services in Cornwall County, Jamaica. Melville BF, et al. **Bull Pan Am Health Organ** 1984;18(4):351-8

The role of chemotherapy in malaria control through primary health care: constraints and future prospects. Jeffery GM. **Bull WHO** 1984;62 Suppl:49-53

The impact of psychotherapists and primary physicians on suicide and other violent deaths in a rural area. Glasser M, et al. **Can J Psychiatry** 1985 Apr;30(3):195-202

Task force on education for the provision of primary care services [letter] Batty HP. **Can Med Assoc J** 1984 Oct 1; 131(7):716-7

Teaching an awareness of psychiatric morbidity in primary health care. Buchan T, et al. **Cent Afr J Med** 1984 Dec; 30(12):247-51

Morbidity patterns and prescribing habits in Harare primary care clinics. Dizwani AG, et al. **Fam Pract** 1985 Jun; 2(2):82-5

Factors affecting primary health care utilization. Grimsmo A, et al. **Fam Pract** 1984 Sep;1(3):155-61

Factors affecting primary health care utilization [letter] Martin E. **Fam Pract** 1985 Jun;2(2):122-3

Workload involved in routine breast examination and instruction in breast self-examination in the primary care clinic. Sofer T, et al. **Fam Pract** 1984 Sep;1(3):178-81

Psychiatry and primary care: can a working relationship develop? Fink PJ. **Gen Hosp Psychiatry** 1985 Jul;7(3):205-9

Teaching psychiatry to primary care internists. Thompson TL 2d, et al. **Gen Hosp Psychiatry** 1985 Jul;7(3):210-3

Commentary: psychiatry and primary care. Wise TN. **Gen Hosp Psychiatry** 1985 Jul;7(3):202-4

The nature of case manager support. Baker F, et al. **Hosp Community Psychiatry** 1984 Sep;35(9):925-8

Extent of utilisation of maternal care services of P.H.C. by the families of a rural area. Ray SK, et al. **Indian J Public Health** 1984 Jul-Sep;28(3):122-7

Turkey faces the challenge of Alma-Ata. Erefe I. **Int Nurs Rev** 1984 Nov-Dec;31(6):169-73

Community health workers: promoters or inhibitors of primary health care? Skeet M. **Int Nurs Rev** 1985 Mar-Apr; 32(2):55-8

Physicians' knowledge of prescribing for the elderly. A study of primary care physicians in Pennsylvania. Ferry ME, et al. **J Am Geriatr Soc** 1985 Sep;33(9):616-25

A survey of antibiotic use in Harare primary care clinics. Stein CM, et al. **J Antimicrob Chemother** 1984 Aug; 14(2):149-56

Evaluation and application of continuity measures in primary care settings. Given CW, et al. **J Community Health** 1985 Spring;10(1):22-41

Provider continuity and control of hypertension. Phillips DM, et al. **J Fam Pract** 1984 Dec;19(6):793, 797

Heuristic approaches to decision-making in the delivery of primary health care within developing regions. Parker BR, et al. **J Health Polit Policy Law** 1985 Spring;10(1):157-80

Evaluating continuity and comprehensiveness of care in an elective family practice clerkship. Beasley JW, et al. **J Med Educ** 1985 Apr;60(4):320-9

The characteristics of training in ambulatory medicine in U.S. residencies. Daley J, et al. **J Med Educ** 1985 May; 60(5):355-66

Can dental hygienists affect the periodontal health of the nation? The dental hygienist: A primary care provider. Odrich J. **J Public Health Dent** 1985 Spring;45(2):64-9

The role of context in primary care. Helman CG. **J R Coll Gen Pract** 1984 Oct;34(267):547-50

The psychologist's contribution to primary care: a reappraisal. Salmon P. **J R Coll Gen Pract** 1984 Apr; 34(261):190-3

A survey of psychiatrists in primary care: the silent growth of a new service. Strathdee G, et al. **J R Coll Gen Pract** 1984 Nov;34(268):615-8

Prevention and health: the concern of nursing. Stilwell B. **J R Soc Health** 1985 Feb;105(1):31-4

Community response to primary health care: Obadan project in Bendel State of Nigeria. Akenzua GI, et al. **J Trop Pediatr** 1984 Dec;30(6):310-2

Continuity of outpatient care in elderly men [letter] **JAMA** 1985 Apr 12;253(14):2042-3

Continuity counts [editorial] Campion EW. **JAMA** 1984 Nov 2;252(17):2459

Continuity of outpatient medical care in elderly men. A randomized trial. Wasson JH, et al. **JAMA** 1984 Nov 2; 252(17):2413-7

Mobilising universities for health [editorial] **Lancet** 1985 Aug 31;2(8453):484

Primary health care in the Gambia [letter] Gowers PR. **Lancet** 1984 Dec 15;2(8416):1396

Primary health care in India. Turner J. **Lancet** 1985 Feb 16; 1(8425):408-9

Factors affecting physicians' choice to practice in a fee-for-service setting versus an individual practice association. Freund DA, et al. **Med Care** 1985 Jun; 23(6):799-808

The continuity of care provided to primary care patients. A comparison of family physicians, general internists, and medical subspecialists. Goldberg HI, et al. **Med Care** 1985 Jan;23(1):63-73

Factors influencing the diagnosis of mental disorder among primary care patients. Kessler LG, et al. **Med Care** 1985 Jan;23(1):50-62

The relative complexity of primary care provided by medical specialists. Mendenhall RC, et al. **Med Care** 1984 Nov; 22(11):987-1001

Pre-admission academic predictors of the goals of a primary care-oriented medical school. Markert RJ. **Med Educ** 1985 Jan;19(1):9-12

Primary health care in European medical education: a survey. Walton HJ. **Med Educ** 1985 May;19(3):167-88

'Health for all by the year 2000'. Educational, empirical and ethical responsibilities for the medical profession. Leeder SR. **Med J Aust** 1985 May 13;142(10):551-5

Primary care of elderly women: is Pap smear screening necessary? Mandelblatt JS, et al. **Mt Sinai J Med (NY)** 1985 Apr;52(4):284-90

Patterns of diazepam prescribing in primary care: a case control study. Mulvihill MN, et al. **Mt Sinai J Med (NY)** 1985 Apr;52(4):276-80

An action research framework for primary health care. Flynn BC. **Nurs Outlook** 1984 Nov-Dec;32(6):316-8

Faculty practice in primary care. Free T, et al. **Nurs Outlook** 1985 Jul-Aug;33(4):192-4

The continuing care nurse. Gikow F, et al. **Nurs Outlook** 1985 Jul-Aug;33(4):195-7

Osteoporosis in primary care. Rudy DR, et al. **Ohio State Med J** 1985 Mar;81(3):208-12

Primary health care in Papua New Guinea [editorial] Gee K. **Papua New Guinea Med J** 1983 Sep-Dec;26(3-4):168-9

The interface between primary care and pediatric cardiology. Gidding SS, et al. **Pediatr Clin North Am** 1984 Dec; 31(6):1367-88 (89 ref.)

Who should provide primary health care to children: pediatricians or family medicine physicians? Hoekelman RA, et al. **Pediatrics** 1984 Oct;74(4):460-77

Prevention and health promotion in primary care: baseline results on physicians from the INSURE Project on Lifecycle Preventive Health Services. Rosen MA, et al. **Prev Med** 1984 Sep;13(5):535-48

Prevention and the public health. Yankauer A. **Prev Med** 1984 May;13(3):323-6

Psychiatry: the primary care mental health profession. Thompson TL 2d. **Psychosomatics** 1985 May;26(5):441-2, 447

Application of epidemiology in community oriented primary care. Abramson JH. **Public Health Rep** 1984 Sep-Oct; 99(5):437-42

Improving mental health practices in primary care: findings from recent research. Burns BJ, et al. **Public Health Rep** 1985 May-Jun;100(3):294-300 (48 ref.)

Community-oriented primary care: epidemiology's role in the future of primary care. Mullan F. **Public Health Rep** 1984 Sep-Oct;99(5):442-5

A rural primary health care service in Israel--some measures of utilization and satisfaction. Zipkin A, et al. **Public Health Rep** 1984 Nov-Dec;99(6):566-72

Selected proceedings, IV International Congress, World Federation of Public Health Associations. Quest for community health: experiences in primary care. February 19-24, 1984, Tel Aviv, Israel. **Public Health Rev** 1984; 12(3-4):203-428

The PRICOR Project: applications of operations research in PHC planning in developing countries. Blumenfeld SN. **Public Health Rev** 1984;12(3-4):279-86

The Panay Unified Services for Health (PUSH) Project: a Philippines experience in primary health care. Capul RR, et al. **Public Health Rev** 1984;12(3-4):384-92

Primary health care progress and problems. Favin M, et al. **Public Health Rev** 1984;12(3-4):272-8

The role of information in primary health care. Gibbons G. **Public Health Rev** 1984;12(3-4):372-7

Training leaders for primary health care: a formula for success. Gorosh M, et al. **Public Health Rev** 1984; 12(3-4):306-11

The role of hospitals in primary health care. Hardie M. **Public Health Rev** 1984;12(3-4):357-60

Farm health: a model system of primary health care. Hlady WG. **Public Health Rev** 1984;12(3-4):249-52

Community participation in a community and family-based primary health care program. Hopp C, et al. **Public Health Rev** 1984;12(3-4):348-53

Overview--lessons learned in developing human resources for primary health care. Roemer MI. **Public Health Rev** 1984;12(3-4):294-7

Overview--community participation in primary health care: a means or an end? Vuori H. **Public Health Rev** 1984; 12(3-4):331-9

Selective primary health care: strategies for control of disease in the developing world. XVI. Chagas' disease. Marsden PD. **Rev Infect Dis** 1984 Nov-Dec;6(6):855-65

Integration of yaws control and primary health care. Meheus A. **Rev Infect Dis** 1985 May-Jun;7 Suppl 2:S284-8

Selective primary health care: strategies for control of disease in the developing world. XV. Acute diarrhea. Rohde JE. **Rev Infect Dis** 1984 Nov-Dec;6(6):840-54 (109 ref.)

Clinical competence of paediatric primary health care nurses in Soweto. Irwig LM, et al. **S Afr Med J** 1985 Jan 19; 67(3):92-5

Attitudes to the provision of primary health care at the day hospitals in Cape Town. Thomson EM, et al. **S Afr Med J** 1985 Jan 12;67(2):58-61

Aims and attitudes--teaching primary health care at UCT. Whittaker DE. **S Afr Med J** 1985 Aug 17;68(4):258-9

Anthropology and primary health care in developing countries. **Soc Sci Med** 1984;19(3):183-303

Neighborhood variations in the use of hospital emergency rooms for primary care. Bohland J. **Soc Sci Med** 1984; 19(11):1217-26

Appropriate research for primary health care: an anthropologist's view. Buzzard S. **Soc Sci Med** 1984; 19(3):273-7

Communication in primary care: the role of patient and practitioner explanatory models. Helman CG. **Soc Sci Med** 1985;20(9):923-31

Evaluating primary health care and nutrition programs in the context of national development. Marchione TJ. **Soc Sci Med** 1984;19(3):225-35

Project community diagnosis: participatory research as a first step toward community involvement in primary health care. Nichter M. **Soc Sci Med** 1984;19(3):237-52

Utilization of primary health services in Port Sudan, Sudan. Saeed AA. **Trop Geogr Med** 1984 Sep;36(3):267-72

The urban volunteer programme in Dhaka: a community based primary health care and research initiative. Stanton B, et al. **Trop Geogr Med** 1985 Jun;37(2):183-7

Health for all by the year 2000--HFA 2000. Regional targets in support of the regional strategy for health for all. **Ugeskr Laeger** 1984 Nov 5;146(45):3488-502

Exchange of experience on primary health care. **WHO Chron** 1984;38(4):187-9

Malaria control as part of primary health care. Report of a WHO Study group. **WHO Tech Rep Ser** 1984;712:1-73

[Survey of experimental activity in the primary health service] Adamsen L, et al. **Ugeskr Laeger** 1984 Jun 25; 146(26):1957-63 (Eng. Abstr.) **(Dan)**

[Research activity in the primary health care system] Kamper-Jørgensen F. **Ugeskr Laeger** 1984 Jul 23; 146(30):2267-9 **(Dan)**

[The psychotic patient, the community , the hospital... and others. Therapeutic continuity. A problematic triangle] Vermeylen J. **Acta Psychiatr Belg** 1984 Sep-Oct; 84(5):452-7 (Eng. Abstr.) **(Fre)**

[Program of the campaign against acute rheumatoid arthritis within the framework of primary health care] Fassin D, et al. **Tunis Med** 1983 Nov-Dec;61(6):393-6 (Eng. Abstr.) **(Fre)**

[Remarks and indications for the continuous monitoring of females and pregnant patients with cardiovascular diseases] Janku K, et al. **Zentralbl Gynakol** 1984;106(19):1309-13 (Eng. Abstr.) **(Ger)**

[Planning a health care delivery system and psychosomatic medicine] Osada H. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):255-63 (Eng. Abstr.) **(Jpn)**

[The role of primary health care] Bruusgaard D. **Tidsskr Nor Laegeforen** 1984 Dec 20;104(35-36):2514-5 **(Nor)**

[Cooperation between primary health care providers and hospitals. A prospective study from the Surgical Department of the Ullevål Hospital, with special reference to hospitalization practices and procedures for surgical admissions] Buanes T, et al. **Tidsskr Nor Laegeforen** 1985 Feb 10;105(4):308-11 (Eng. Abstr.) **(Nor)**

[Institutes of general medicine--the views and wishes of the primary health care physicians] Eskerud JR, et al. **Tidsskr Nor Laegeforen** 1985 Jun 30;105(19-21):1337-8 **(Nor)**

[Community health services in Oslo. The factors of health services needs and distribution of resources in the various districts] Høverstad L, et al. **Tidsskr Nor Laegeforen** 1985 Mar 10;105(7):527-31 (Eng. Abstr.) **(Nor)**

[Integration of occupational health into the primary health system] Nogueira DP. **Rev Saude Publica** 1984 Dec; 18(6):495-509 (Eng. Abstr.) **(Por)**

[Primary health care in urban zones] **Bol Of Sanit Panam** 1985 May;98(5):473-8 **(Spa)**

[Family and family health. A focus for primary care] Horwitz Campos N, et al. **Bol Of Sanit Panam** 1985 Feb;98(2):144-55 (Eng. Abstr.) **(Spa)**

[Primary care and general family medicine] Venturini G. **Rev Med Chil** 1984 Jun;112(6):609-13 (Eng. Abstr.) **(Spa)**

[Psychiatry in primary health care: care of patients with senile dementia in a primary health care area] Haglund G, et al. **Lakartidningen** 1985 May 8;82(19):1760-3 **(Swe)**

[WHO model for x-ray service is useful under Swedish primary health care] Holm T. **Lakartidningen** 1985 Jan 30; 82(5):304-7 **(Swe)**

ECONOMICS

Reducing public expenditures for physician services: the price of paying less. Gabel JR, et al. **J Health Polit Policy Law** 1985 Winter;9(4):595-609

Cost-effectiveness of non-physician health care professionals. Poirier-Elliott E. **Nurse Pract** 1984 Oct;9(10):54-6

Local health insurance supplementing national efforts--Nepal. Møgedal SM. **Public Health Rev** 1984; 12(3-4):286-93

Financing urban primary health services. Balancing community and government financial responsibilities, Pikine, Senegal, 1975-81. Jancloes M, et al. **Trop Doct** 1985 Apr;15(2):98-104

[Health economics--a minor science of decision making?] Flower S, et al. **Ugeskr Laeger** 1984 Nov 26;146(48):3784-6 **(Dan)**

MANPOWER

Providing primary health care with non-physicians. Chen PC. **Ann Acad Med Singapore** 1984 Apr;13(2):264-71

Nutritional improvement and the primary health care delivery system. Jelliffe DB, et al. **Food Nutr (Roma)** 1984; 10(1):53-63

Medical care activities of village health guides--an assessment. Gupta SC, et al. **Indian J Public Health** 1984 Jul-Sep;28(3):128-31

Doctors--barefoot and otherwise. The World Health Organization, the United States, and global primary medical care. Mullan F, et al. **JAMA** 1984 Dec 14; 252(22):3146-8

Allegiance to the corps. The physician's dilemma. Smith BW, et al. **JAMA** 1984 Dec 21;252(23):3280-2

A social worker attachment to a primary care team. Stott PC, et al. **Practitioner** 1984 Nov;228(1397):1075-8

Peripheral health workers are central to primary health care: lessons from Papua New Guinea's aid posts. Frankel S. **Soc Sci Med** 1984;19(3):279-90

Health manpower requirements for the achievement of health for all by the year 2000 through primary health care. Report of a WHO Expert Committee. **WHO Tech Rep Ser** 1985;717:7-92

Education and training of nurse teachers and managers with special regard to primary health care. Report of a WHO Expert Committee. **WHO Tech Rep Ser** 1984;708:1-54

METHODS

Topic analysis: an objective measure of the consultation and its application to computer assisted consultations. Pringle M, et al. **Br Med J [Clin Res]** 1985 Jun 15; 290(6484):1789-91

Patients attending an accident and emergency department for primary medical care. Andersen NA, et al. **Fam Pract** 1984 Jun;1(2):79-85

Use of a physician consultant in a primary care nursing practice. Sadowski KO, et al. **Nurse Pract** 1985 Jun; 10(6):33-4, 36, 38

Self-medication: an important aspect of primary health care. Abosede OA. **Soc Sci Med** 1984;19(7):699-703

A scale to measure physician beliefs about psychosocial aspects of patient care. Ashworth CD, et al. **Soc Sci Med** 1984;19(11):1235-8

Primary health care with refugees: between the idea and the reality. Dick B, et al. **Trop Doct** 1985 Jan;15(1):2-7

ORGANIZATION & ADMINISTRATION

The general internist and gatekeepers [letter] **Ann Intern Med** 1985 Jul;103(1):159-60

The internist as gatekeeper. Preparing the general internist for a new role. Eisenberg JM. **Ann Intern Med** 1985 Apr; 102(4):537-43

Family practitioner committees: a price for independence? [editorial] **Br Med J [Clin Res]** 1985 Mar 30; 290(6473):953-4

Family practitioner committee independence: what will it mean? Ellis N. **Br Med J [Clin Res]** 1985 Feb 23; 290(6468):607-11

Diabetes care: whose responsibility? Tasker PR. **Br Med J [Clin Res]** 1985 Jun 1;290(6482):1632

Primary health care in marginal urban areas: the Costa Rican model. Jaramillo J, et al. **Bull Pan Am Health Organ** 1984; 18(2):107-14

Operational and epidemiological field research activities for the implementation of malaria control through primary health care in Africa. Najera JA. **Bull WHO** 1984;62 Suppl:101-6

Primary health care in Europe--problems and solutions. Vuori H. **Community Med** 1984 Aug;6(3):221-31

Validation of the patient roster in a primary care practice. Anderson JE, et al. **Health Serv Res** 1985 Aug;20(3):301-14

How to mobilize a rural community for a health programme. Selvaraj MK. **Hygie** 1984 Sep;3(3):9-12

The impact of rural health services in Agra sub division. Agnihotri SP, et al. **Indian J Public Health** 1984 Jan-Mar; 28(1):25-9

Proposals for health services in northern Nigeria. Ityavyar DA. **J R Soc Health** 1985 Apr;105(2):55-60

Assessing the needs of the elderly using unsolicited visits by health visitors. Harrison S, et al. **J R Soc Med** 1985 Jul;78(7):557-61

The evolution of a primary health care programme: the Danfa experience 1970-1977. Lamptey P, et al. **J Trop Pediatr** 1984 Oct;30(5):252-6

Community-oriented primary care in the United States. A status report. Nutting PA, et al. **JAMA** 1985 Mar 22-29; 253(12):1763-6

Primary health care in Gambian villages [letter] **Lancet** 1984 Nov 24;2(8413):1215

After-hours telephone access to physicians with access to computerized medical records. Experience in an inner-city general medicine clinic. Darnell JC, et al. **Med Care** 1985 Jan;23(1):20-6

How can we improve team working in primary care? Pritchard P. **Practitioner** 1984 Dec;228(1398):1135-9

Taking primary care seriously: the Finnish experience. Scally GJ. **Public Health** 1984 Nov;98(6):367-71

Health system support for primary health care. A study based on the technical discussions held during the thirty-fourth World Health Assembly, 1981. Kleczkowski BM, et al. **Public Health Pap** 1984;80:1-104

Planning community-oriented primary care in Israel. Doron H. **Public Health Rep** 1984 Sep-Oct;99(5):450-5

Classification of reasons why persons seek primary care: pilot study of a new system. Lamberts H, et al. **Public Health Rep** 1984 Nov-Dec;99(6):597-605

Community-oriented primary care: a promising innovation in primary care [editorial] Nutting PA. **Public Health Rep** 1985 Jan-Feb;100(1):3-4

Health maintenance of the chronically ill on a primary care level. Margulec I, et al. **Public Health Rev** 1984; 12(3-4):224-9

The demographic factor in the provision of health facilities in developing countries: the case of Nigeria. Fadayomi TO, et al. **Soc Sci Med** 1984;19(8):793-7

Will primary health care efforts be allowed to succeed? Heggenhougen HK. **Soc Sci Med** 1984;19(3):217-24

The basic health care system in Botswana: a study of the distribution and cost in the period 1973-1979. Høgh B, et al. **Soc Sci Med** 1984;19(8):783-92

Primary health care in practice. a study in Mozambique. Jelley D, et al. **Soc Sci Med** 1984;19(8):773-82

Primary health care in Sierra Leone. MacCormack CP. **Soc Sci Med** 1984;19(3):199-208

Dilemmas of modernization in primary health care in Western Samoa. Schoeffel P. **Soc Sci Med** 1984;19(3):209-16

Local politicization of Primary Health Care as an instrument for development: a case study of community health workers in Zambia. Twumasi PA, et al. **Soc Sci Med** 1985; 20(10):1073-80

Essential health care: a framework for its definition and implementation in health districts. Monekosso GL. **Trop Doct** 1984 Oct;14(4):146-50

Financial planning for health care development in Ethiopia. Ministry of Health, Ethiopia. **World Health Stat Q** 1984; 37(4):421-7 **(Eng, Fre)**

[Role of the Outpatient Clinic for Pulmonary Diseases and Tuberculosis in primary health care] Moskwa Z. **Wiad Lek** 1985 Jan 15;38(2):163-9 **(Pol)**

[Problem-solving capacity for meeting health care demands at the primary level in Chile, 1981] Siméant S. **Bol Of Sanit Panam** 1984 Aug;97(2):125-41 (Eng. Abstr.) **(Spa)**

STANDARDS

Survey of physicians' attitudes and practices in early cancer detection. **CA** 1985 Jul-Aug;35(4):197-213

Guidelines for the cancer-related checkup: five years later [editorial] Holleb AI. **CA** 1985 Jul-Aug;35(4):194-6

Evaluation of primary care in a community clinic by means of explicit process criteria. Sheps S, et al. **Can Med Assoc J** 1984 Oct 15;131(8):881-6

South Africa's children [letter] Retief FP. **Lancet** 1984 Nov 3;2(8410):1042-3

Comparing ambulatory care practices of primary care and traditional medicine residents. Bennett SE, et al. **Med Care** 1985 Jun;23(6):816-22

The continuity of care provided to primary care patients. A comparison of family physicians, general internists, and medical subspecialists. Goldberg HI, et al. **Med Care** 1985 Jan;23(1):63-73

The use of negative indexes of health to evaluate quality of care in a primary-care group practice. Heineken PA, et al. **Med Care** 1985 Mar;23(3):198-208

A randomized controlled trial of quality assurance in sixteen ambulatory care practices. Palmer RH, et al. **Med Care** 1985 Jun;23(6):751-70

Measurement of physician performance by standardized patients. Refining techniques for undetected entry in physicians' offices. Woodward CA, et al. **Med Care** 1985 Aug;23(8):1019-27

Family medicine at Duke: excellence defined. Sullivan RJ. **NC Med J** 1985 Jun;46(6):329-31

The potential of national household survey programmes for monitoring and evaluating primary health care in developing countries. Carlson BA. **World Health Stat Q** 1985;38(1):38-64 (70 ref.) **(Eng, Fre)**

TRENDS

The relationship between change of dentist and treatment received in the General Dental Service. Davies JA. **Br Dent J** 1984 Nov 10;157(9):322-4

Continuity of care in general practice: a review and critique. Freeman G. **Fam Pract** 1984 Dec;1(4):245-52

Lifecare undergoing changes in delivery, settings, and ownership. Traska MR. **Hospitals** 1985 Mar 1;59(5):75-6, 78

International renaissance of primary care and family practice [editorial] Geyman JP. **J Fam Pract** 1985 Jan;20(1):17-8

The delivery of primary health care in American public schools, 1890-1980. Kort M. **J Sch Health** 1984 Dec; 54(11):453-7

Fully integrated in- and out-patient services in a psychiatric sector. Implementation of a new model for the care of psychiatric patients, favouring continuity of care. Perris C, et al. **Soc Psychiatry** 1985;20(2):60-9

The Primary Health Care Project in Belgium: a survey on the utilization of health services. Foets M, et al. **Soc Sci Med** 1985;20(3):181-90

Mobilizing indigenous resource for primary health care in Nigeria: a note on the place of traditional medicine. Oyeneye OY. **Soc Sci Med** 1985;20(1):67-9

Lay workers in primary health care: victims in the process of social transformation. Stark R. **Soc Sci Med** 1985; 20(3):269-75

Prevention of admission and continuity of care. Vanistendael C. **Theor Med** 1985 Feb;6(1):93-113

[Primary care in orthopedics] Takayama E. **Nippon Seikeigeka Gakkai Zasshi** 1985 Apr;59(4):477-90 (30 ref.) **(Jpn)**

[Preventive services of physicians in general outpatient clinics and health centers with regard to primary health care] Gaertner H. **Wiad Lek** 1984 Jul 1;37(13):1057-63 (Eng. Abstr.) **(Pol)**

[The future of primary care] Ordóñez Carceller C. **Educ Med Salud** 1985;19(1):74-84 (Eng. Abstr.) **(Spa)**

UTILIZATION

Assignment of follow-up appointments from an emergency room by pediatric residents. DeAngelis C, et al. **Am J Dis Child** 1985 Apr;139(4):341-2

The uptake of preventive and curative child health services in Maputo, Mozambique. Jelley DM, et al. **Ann Trop Paediatr** 1984 Sep;4(3):177-82

Psychiatric disorders in primary care. Results of a follow-up study. Kessler LG, et al. **Arch Gen Psychiatry** 1985 Jun; 42(6):583-7

Primary pediatric care. A comparison of use by adolescent and older mothers. Brink S, et al. **J Adolesc Health Care** 1985 May;6(3):201-5

[Methods of studying and assessing the needs and utilization of health services at the 1st line level and at a polyclinic] Drbal C. **Cesk Zdrav** 1984 Jul;32(6-7):306-14 (Eng. Abstr.) **(Cze)**

PRIMARY NURSING CARE

Primary nursing or total patient care? Hylands J, et al. **Dimens Health Serv** 1984 Oct;61(9):36

Nursing decentralization: what happens on the unit? Lowe E. **Dimens Health Serv** 1984 Aug;61(8):16-7

The primary nurse as a care giver in a neurology research setting. Graham OC, et al. **J Neurosurg Nurs** 1985 Aug; 17(4):260-8

Primary nursing in the infant special care unit. Bethea SW. **J Obstet Gynecol Neonatal Nurs** 1985 May-Jun;14(3):202-8

Team or primary nursing care? Chavigny K, et al. **Nurs Outlook** 1984 Nov-Dec;32(6):322-7

[Implementation of primary nursing] Du YP. **Chung Hua Hu Li Tsa Chih** 1984 Oct;19(5):261-4 **(Chi)**

[Primary nursing and the nursing process] Lin JY. **Chung Hua Hu Li Tsa Chih** 1984 Oct;19(5):257-60 **(Chi)**

[Primary nursing in the hospital] Wu XZ. **Chung Hua Hu Li Tsa Chih** 1984 Oct;19(5):265-9 **(Chi)**

ECONOMICS

DRGs and primary nursing: are they compatible? van Servellen GM, et al. **J Nurs Adm** 1985 Apr;15(4):32-6

LEGISLATION & JURISPRUDENCE

[The health nurse's notification forms as an assessment tool] Rindel A, et al. **Ugeskr Laeger** 1984 May 28; 146(22):1657–62 (Eng. Abstr.) **(Dan)**

METHODS

A VNA switches to primary nursing. Rinke LT. **Am J Nurs** 1984 Oct;84(10):1226–9

ORGANIZATION & ADMINISTRATION

Primary nursing. Teamwork is the answer. Weeks LC, et al. **J Nurs Adm** 1985 Sep;15(9):21–6
Second generation primary nursing. A new agenda. Zander K. **J Nurs Adm** 1985 Mar;15(3):18–24

PRIMARY PREVENTION

Alcohol problems in pregnancy and childhood––where do we go from here? Krasner N. **Alcohol Alcohol** 1984; 19(2):181–4
Exercise and the primary prevention of cardiovascular disease. Oberman A. **Am J Cardiol** 1985 Apr 26; 55(10):10D–20D (104 ref.)
Symposium on diet and primary prevention of hypertension. June 25–27, 1984, Kuopio, Finland. **Ann Clin Res** 1984;16 Suppl 43:1–183
Spontaneous remission and its significance for trials in primary prevention of hypertension. Beard TC, et al. **Ann Clin Res** 1984;16 Suppl 43:132–5
Primary prevention of hypertension in Belgium––lessons from regional differences. Joossens JV, et al. **Ann Clin Res** 1984;16 Suppl 43:156–62
Primary prevention of hypertension––a randomized controlled trial. Stamler R, et al. **Ann Clin Res** 1984;16 Suppl 43:136–42
Multiple risk factor intervention in cardiovascular disease. Magnus P. **Aust NZ J Med** 1984 Aug;14(4):415–8
Facilitating prevention in primary care. Fullard E, et al. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1585–7
A proposed research agenda for health promotion and disease prevention for children and the elderly. DeFriese GH, et al. **Health Serv Res** 1985 Feb;19(6 Pt 2):1033–41
Health promotion and disease prevention for children and the elderly. Lee PR. **Health Serv Res** 1985 Feb;19(6 Pt 2):783–92
Preventive health's emerging problem: individual behaviour change or social and economic change? Carlton B. **Hygie** 1985 Mar;4(1):46–50
Applying the principles of educational planning to adult health education. Verma D. **Hygie** 1985 Mar;4(1):36–9
Lack of impact of prevention on sudden cardiac death. Oliver MF. **J Am Coll Cardio**[illegible]5 Jun;5(6 Suppl):150B–154B (29 ref.)
Practising prevention: sport for all. MacAuley DC. **J R Coll Gen Pract** 1984 Apr;34(261):241
Student health during overseas electives. Philipp R, et al. **J R Coll Gen Pract** 1985 Feb;35(271):80–3
Successful health promotions key on worker acceptance, use. Feldman RH. **Occup Health Saf** 1985 Apr;54(4):46–7, 52–3
Preventive strategies for reducing hyperlipidemia in childhood. Wynder EL, et al. **Prev Med** 1984 May; 13(3):327–9
Prevention and the public health. Yankauer A. **Prev Med** 1984 May;13(3):323–6
Multifactorial primary prevention trials of coronary heart disease. Farchi G. **Rev Epidemiol Sante Publique** 1984; 32(3–4):219–24
Selective primary health care: strategies for control of disease in the developing world. XIV. Leishmaniasis. Marsden PD. **Rev Infect Dis** 1984 Sep–Oct;6(5):736–44 (54 ref.)
Autonomy and coercion in disease prevention and health promotion. Pellegrino ED. **Theor Med** 1984 Feb;5(1):83–91
Personal health maintenance for adults. Holbrook JH. **West J Med** 1984 Dec;141(6):824–31 (60 ref.)
Preventive health care for the elderly. Stults BM. **West J Med** 1984 Dec;141(6):832–45 (155 ref.)
[Medicine––prevention––exercise] Bartoš S. **Cas Lek Cesk** 1984 Jul 20;123(29):890–2 (Eng. Abstr.) **(Cze)**
[Prevention of atherosclerosis begins in childhood] Hurych J. **Cas Lek Cesk** 1984 Jul 27;123(30):930–3 (Eng. Abstr.) **(Cze)**
[The effect of primary prevention on the 10–year incidence of ischemic heart disease in the male population of an industrial area] Reiniš Z, et al. **Cas Lek Cesk** 1984 Jul 27; 123(30):924–9 (Eng. Abstr.) **(Cze)**
[Primary prevention of hypertension] Stamler R, et al. **Cas Lek Cesk** 1984 Jul 27;123(30):913–7 (Eng. Abstr.) **(Cze)**
[General observations on prevention] Kiml J. **Cesk Otolaryngol** 1985 Jan;34(1):1–6 **(Cze)**
[Health education in the therapeutic–preventive care of children] Dunovský J. **Cesk Zdrav** 1984 Oct;32(10):405–8 (Eng. Abstr.) **(Cze)**
[Incidence of certain risk factors after several years in non–respondents in an epidemiologic study of primary prevention of ischemic coronary heart disease (ICHS)] Horová J, et al. **Cesk Zdrav** 1985 Jan;33(1):43–6 (Eng. Abstr.) **(Cze)**
[The health of the world's children] Vesikari T. **Duodecim** 1985;101(5):437–45 **(Fin)**
[Cardiovascular diseases and society] François J. **Arch Belg** 1984;42(3–4):191–8 (Eng. Abstr.) **(Fre)**
[Multifactorial primary prevention trials in ischemic heart disease] Richard JL. **Rev Epidemiol Sante Publique** 1985; 33(2):121–33 (39 ref.) (Eng. Abstr.) **(Fre)**
[The periodic health examination. 2. Update (1984). From the Canadian Task Force on the Periodic Health Examination (1982–84)] **Union Med Can** 1984 Sep; 113(9):796–803 **(Fre)**
[The periodic health examination. 3. An evolving concept] Battista RN, et al. **Union Med Can** 1984 Sep;113(9):804–8 **(Fre)**
[The periodic health examination: update. 1. Introduction] Spitzer WO. **Union Med Can** 1984 Sep;113(9):795–6 **(Fre)**
[Perspectives of rheumatic diseases in Rio Grande do Sul] Gus I. **Arq Bras Cardiol** 1984 Sep;43(3):209–11 **(Por)**
[Prevention of puerperal psychoses] Simon R, et al. **Rev Paul Med** 1984 Jul–Aug;102(4):151–4 (Eng. Abstr.) **(Por)**
[Results of 2 years of primary and secondary prevention of arterial hypertension in women in an organized population] Eliseeva NA. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1984;7(2):100–1 **(Rus)**
[How realistic is primary prevention?] Henderson J. **Zh Nevropatol Psikhiatr** 1984;84(8):1245–8 **(Rus)**
[The child's health––the wealth of tomorrow] Velisavljev MD. **Med Pregl** 1984;37(3–4):89–91 **(Scr)**
[Primary prevention program in mental health] Martínez Pérez A. **Acta Psiquiatr Psicol Am Lat** 1984 Jun; 30(2):146–50 (Eng. Abstr.) **(Spa)**

ECONOMICS

Costs of not eradicating measles [editorial] Hinman AR, et al. **Am J Public Health** 1985 Jul;75(7):713–4
Preventing illness to control Medicare costs [letter] **N Engl J Med** 1985 Jan 31;312(5):319–20

METHODS

Children of disturbed parents: the interface between research and intervention. Goodman SH. **Am J Community Psychol** 1984 Dec;12(6):663–87
Mass inoculation in a community: the effect of primary prevention of stress reactions. Klingman A. **Am J Community Psychol** 1985 Jun;13(3):323–32
The Stanford Five–City Project: design and methods. Farquhar JW, et al. **Am J Epidemiol** 1985 Aug; 122(2):323–34
The primary prevention of high blood pressure––a population approach. Blackburn H. **Ann Clin Res** 1984;16 Suppl 43:9–17
A nurse–initiated reminder system for the periodic health examination. Implementation and evaluation. Davidson RA, et al. **Arch Intern Med** 1984 Nov;144(11):2167–70
Hypertension management in the Multiple Risk Factor Intervention Trial (MRFIT). Six–year intervention results for men in special intervention and usual care groups. Grimm RH Jr, et al. **Arch Intern Med** 1985 Jul; 145(7):1191–9
USSR letter. Dispenserisation for all. Ryan M. **Br Med J [Clin Res]** 1985 May 11;290(6479):1414–6
Patterns of preventive practice in New Brunswick. Battista RN, et al. **Can Med Assoc J** 1985 May 1;132(9):1013–5
The Yale–New Haven Primary Prevention Project: a follow–up study. Comer JP. **J Am Acad Child Psychiatry** 1985 Mar;24(2):154–60
Risk factor control in coronary heart disease. Who needs it? Kottke TE. **Postgrad Med** 1985 Jul;78(1):233–7, 240–1, 244–5
The challenge of prevention. Fowler G. **Practitioner** 1984 Dec;228(1398):1143–7
The limits of prevention. McGinnis JM. **Public Health Rep** 1985 May–Jun;100(3):255–60
Understanding genetic and environmental risk factors in susceptible persons. Williams RR. **West J Med** 1984 Dec; 141(6):799–806
[Travel medicine: tropical and subtropical regions. Health disorders caused by intercontinental travel, epidemiology and consequences for preventive medicine] Steffen R. **Fortschr Med** 1985 Mar 21;103(11):301–2 (Eng. Abstr.) **(Ger)**
[Methodological principles and means of conducting primary prevention of disorders of reproductive function in women by mass screening] Ushakova GA. **Akush Ginekol (Mosk)** 1984 Aug;(8):16–9 **(Rus)**

TRENDS

Health promotion/disease prevention: implications for radiologic technology. Dowd SB, et al. **Radiol Technol** 1985 May–Jun;56(5):297–301
Physician–patient partnerships for lifelong health monitoring. Breslow L. **West J Med** 1984 Dec;141(6):777–81
[Preventive services of physicians in general outpatient clinics and health centers with regard to primary health care] Gaertner H. **Wiad Lek** 1984 Jul 1;37(13):1057–63 (Eng. Abstr.) **(Pol)**

UTILIZATION

The uptake of preventive and curative child health services in Maputo, Mozambique. Jelley DM, et al. **Ann Trop Paediatr** 1984 Sep;4(3):177–82

PRIMATES

Diabetes mellitus: relationships of nonhuman primates and other animal models to human forms of diabetes. Howard CF Jr. **Adv Vet Sci Comp Med** 1984;28:115–49 (327 ref.)
Nonhuman primate models for human disease. McClure HM. **Adv Vet Sci Comp Med** 1984;28:257–304 (246 ref.)
Experimental leprosy in nonhuman primates. Martin LN, et al. **Adv Vet Sci Comp Med** 1984;28:201–36 (109 ref.)
Contributions of behavioral primatology to veterinary science and comparative medicine. Mitchell G, et al. **Adv Vet Sci Comp Med** 1984;28:25–50 (34 ref.)
Viral disease models in primates. Soike KF, et al. **Adv Vet Sci Comp Med** 1984;28:151–99 (322 ref.)
Standard nomenclature for primate breeding and husbandry. Hall AS. **J Med Primatol** 1983;12(3):155–9
Primate research resources in the Soviet Union. Held JR, et al. **J Med Primatol** 1983;12(2):77–88
The Japanese Tsukuba Primate Center for Medical Science (TPC): an outline. Honjo S. **J Med Primatol** 1985; 14(2):75–89
U.S. laws, regulations, and policies important to managers of nonhuman primate colonies. Johnson DK, et al. **J Med Primatol** 1983;12(5):223–38
National and international services for primate animal research. Kalter SS. **J Med Primatol** 1983;12(3):146–54
Government regulation of nonhuman primate facilities. Meyers NM. **J Med Primatol** 1983;12(4):169–83
National and international regulations governing transportation and supply of primate animals. Parsons RM. **J Med Primatol** 1983;12(5):262–6
The animal welfare act as applied to primate animal laboratories. Schwindaman DF. **J Med Primatol** 1983; 12(5):250–5
Mycobacterium bovis infection in primates in Dublin Zoo: epidemiological aspects and implications for management. Wilson P, et al. **Lab Anim** 1984 Oct;18(4):383–7
Diarrhea in nonhuman primates: a survey of primate colonies for incidence rates and clinical opinion. Hird DW, et al. **Lab Anim Sci** 1984 Oct;34(5):465–70
Congress gives blessing to New York primate lab [news] Fox JL. **Science** 1984 Nov 2;226(4674):521
[The social structure of primates] Welker C. **Anthropol Anz** 1985 Jun;43(2):97–164 (392 ref.) (Eng. Abstr.) **(Ger)**

ANATOMY & HISTOLOGY

Functional morphology of the asterionic region in extant hominoids and fossil hominids. Kimbel WH, et al. **Am J Phys Anthropol** 1985 Jan;66(1):31–54
Primate cortical bone microstructure: relationship to locomotion. Schaffler MB, et al. **Am J Phys Anthropol** 1984 Oct;65(2):191–7
Limb bone allometry in primates: a test of the elastic similarity model. Steudel K. **Am J Phys Anthropol** 1984 Nov;65(3):323–8
Variations of diaphragmatic crura in primates. Kubasik–Juraniec J, et al. **Folia Morphol** 1984;43(4):343–8
The structure of some viscera in relation to the shape of the thorax in primates. Szostakiewicz–Sawicka H, et al. **Folia Morphol** 1984;43(4):331–6
Some particularities of human skin and the skin of nonhuman primates. Montagna W. **G Ital Dermatol Venereol** 1984 Jan–Feb;119(1):1–4
Primates as a teaching model for biopsy. Margarone JE, et al. **J Dent Educ** 1984 Oct;48(10):568–70
Comparison of brain structure volumes in insectivora and primates. V. Area striata (AS). Frahm HD, et al. **J Hirnforsch** 1984;25(5):537–57
Comparison of brain structure volumes in insectivora and primates. IV. Non–cortical visual structures. Stephan H, et al. **J Hirnforsch** 1984;25(4):385–403
Liver wedge biopsy in nonhuman primates. Eichberg JW. **J Med Primatol** 1985;14(3):165–8
The fossil man from Salzgitter–Lebenstedt (FRG) and its place in human evolution during the pleistocene in Europe. Hublin JJ. **Z Morphol Anthropol** 1984;75(1):45–56
[Can one speak of the 'recession' of the frontal bone?] Fenart R, et al. **Bull Assoc Anat (Nancy)** 1984 Jun;68(201):167–72 (Eng. Abstr.) **(Fre)**
[Phylogenetic aspects of the Jacobson's organ and nasopalatine duct topography in insectivores, primates, Tupaia and Didelphis] Wöhrmann–Repenning A. **Anat Anz** 1984;157(2):137–49 (Eng. Abstr.) **(Ger)**
[Presapiens hypothesis or Afro–European sapiens hypothesis?] Bräuer G. **Z Morphol Anthropol** 1984; 75(1):1–25 (Eng. Abstr.) **(Ger)**
[Comparative morphologic characteristics of the Upper Paleolithic specimens from Oberkassel near Bonn] Henke W. **Z Morphol Anthropol** 1984;75(1):27–44 (Eng. Abstr.) **(Ger)**

BLOOD

Evolution of butyrylcholinesterase in higher primates: an immunochemical study. Mintz KP, et al. **Comp Biochem Physiol [C]** 1984;79(1):35–7
A phylogenetic study of the structural and functional characteristics of corticosteroid binding globulin in primates. Robinson PA, et al. **J Endocrinol** 1985 Feb;

104(2):251-7

Apolipoprotein A-I of primates. Nicolosi RJ, et al. **J Lipid Res** 1984 Sep;25(9):879-87

Blood groups of primates: present status, theoretical implications and practical applications: a review. Socha WW, et al. **J Med Primatol** 1984;13(1):11-40 (92 ref.)

The distribution of serum high density lipoprotein subfractions in non-human primates. Nelson CA, et al. **Lipids** 1984 Sep;19(9):656-63

In vitro fibrinolytic activity of recombinant tissue-type plasminogen activator in the plasma of various primate species. Lijnen HR, et al. **Thromb Haemost** 1984 Dec 29; 52(3):308-10

CLASSIFICATION

Common tree shrews and primates share leukocyte membrane antigens. Palley LS, et al. **J Med Primatol** 1984;13(2):67-71

GENETICS

Paternity exclusion analysis and its applications to studies of nonhuman primates. Smith DG, et al. **Adv Vet Sci Comp Med** 1984;28:1-24 (99 ref.)

Equivalence of nucleolar organizer activity among primate species. Quirk S, et al. **Cytogenet Cell Genet** 1985; 39(2):134-5

The primate psi beta 1 gene. An ancient beta-globin pseudogene. Harris S, et al. **J Mol Biol** 1984 Dec 25; 180(4):785-801

[Great degree of homology between the ancestral karyotype of squirrels (rodents) and that of primates and carnivores] Petit D, et al. **Ann Genet (Paris)** 1984;27(4):201-12 (Eng. Abstr.) **(Fre)**

GROWTH & DEVELOPMENT

Carotenoids and retinol: their possible importance in determining longevity of primate species. Cutler RG. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7627-31

IMMUNOLOGY

A monoclonal antibody recognizing human Thy-1: distribution on human and non-human primate haematopoietic cells. Foon KA, et al. **J Immunogenet** 1984 Jun-Aug;11(3-4):233-43

Serum antibodies to human T-cell leukaemia virus type I in different ethnic groups and in non-human primates in South Africa. Becker WB, et al. **S Afr Med J** 1985 Mar 23;67(12):445-9

METABOLISM

Basal metabolic rates in primates--the possible role of phylogenetic and ecological factors. Müller EF. **Comp Biochem Physiol [A]** 1985;81(4):707-11

Taurine requirement in primates. Hayes KC. **Nutr Rev** 1985 Mar;43(3):65-70 (39 ref.)

MICROBIOLOGY

Primate animal models and titered inocula for the study of human hepatitis A, hepatitis B, and non-A, non-B hepatitis. Tabor E, et al. **J Med Primatol** 1983;12(6):305-18 (35 ref.)

PARASITOLOGY

A survey of helminth parasites of game animals in Kainji Lake National Park of Nigeria. Crockett EC, et al. **Int J Zoonoses** 1984 Dec;11(2):204-15

PHYSIOLOGY

Biomechanics of the primate skull base. Demes B. **Adv Anat Embryol Cell Biol** 1985;94:1-59

Aging. Bowden DM, et al. **Adv Vet Sci Comp Med** 1984; 28:305-41 (123 ref.)

Corpus luteum of the nonhuman primate. Moudgal NR. **Adv Vet Sci Comp Med** 1984;28:343-66 (115 ref.)

Gustatory threshold values of xylitol in primates. Haefeli RJ, et al. **Folia Primatol (Basel)** 1984;43(2-3):181-4

Research management of the USSR medical primatology program. Lapin BA. **J Med Primatol** 1983;12(3):124-8

Acute, short-term, and chronic effects of marijuana on the female primate reproductive function. Smith CG, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984;44:82-96 (28 ref.)

Raphe magnus inhibition of primate T1-T4 spinothalamic cells with cardiopulmonary visceral input. Ammons WS, et al. **Pain** 1984 Nov;20(3):247-60

Peroxide-producing potential of tissues: inverse correlation with longevity of mammalian species. Cutler RG. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4798-802

PRIMIDONE

ADMINISTRATION & DOSAGE

Primidone therapy in refractory neonatal seizures. Powell C, et al. **J Pediatr** 1984 Oct;105(4):651-4

ADVERSE EFFECTS

Hepatic cirrhosis associated with long-term primidone therapy in a dog. Poffenbarger EM, et al. **J Am Vet Med Assoc** 1985 May 1;186(9):978-80

Four siblings with similar malformations after exposure to phenytoin and primidone. Krauss CM, et al. **J Pediatr** 1984 Nov;105(5):750-5

Goldenhar syndrome, anterior encephalocele, and aqueductal stenosis following fetal primidone exposure. Gustavson EE, et al. **Teratology** 1985 Aug;32(1):13-7

ANALYSIS

Liquid chromatographic determination of primidone in tablets: collaborative study. Roberts SE. **J Assoc Off Anal Chem** 1985 Jan-Feb;68(1):85-7

BLOOD

PB:PRM ratio in patients with epilepsy treated with primidone. Cornaggia CM, et al. **Int J Clin Pharmacol Res** 1983;3(3):185-93

Dual-label fluoroimmunoassay for simultaneous determination of primidone and phenobarbital. Sidki AM, et al. **Ther Drug Monit** 1985;7(1):101-7

[Simultaneous determination of 4 anticonvulsant drugs by high pressure liquid chromatography (HPLC)] Andriolo A, et al. **Arq Neuropsiquiatr** 1984 Sep;42(3):203-8 (Eng. Abstr.) **(Por)**

METABOLISM

Single-dose kinetics of primidone in acute viral hepatitis. Pisani F, et al. **Eur J Clin Pharmacol** 1984;27(4):465-9

Permeation of lipophilic drugs through synthetic elastomers. Bruck SD, et al. **Med Prog Technol** 1983-84;10(3):161-9

PHARMACODYNAMICS

Effects of long-term primidone and phenytoin administration on canine hepatic function and morphology. Bunch SE, et al. **Am J Vet Res** 1985 Jan;46(1):105-15

Differential effect of anionic and cationic drugs on the synaptosome-associated acetylcholinesterase activity of dog brain. Deliconstantinos G, et al. **Biochem J** 1985 Jul 1;229(1):81-6

THERAPEUTIC USE

Efficacy of primidone in dogs with seizures unresponsive to phenobarbital. Farnbach GC. **J Am Vet Med Assoc** 1984 Oct 15;185(8):867-8

Therapeutic efficacy of phenobarbital and primidone in canine epilepsy: a comparison. Schwartz-Porsche D, et al. **J Vet Pharmacol Ther** 1985 Jun;8(2):113-9

Comparison of carbamazepine, phenobarbital, phenytoin, and primidone in partial and secondarily generalized tonic-clonic seizures. Mattson RH, et al. **N Engl J Med** 1985 Jul 18;313(3):145-51

TOXICITY

Mutagenicity of antiepileptic drugs. II. Phenytoin, primidone and phenobarbital. Riedel L, et al. **Mutat Res** 1984 Oct; 138(1):71-4

PRIMITIVE GUT see **GASTRULA**

PRIMITIVE STREAK see **GASTRULA**

PRINDOLOL see **PINDOLOL**

PRINTING

see related
ENGRAVING AND ENGRAVINGS

Allergic contact dermatitis due to 1,2-benzisothiazolin-3-one in gum arabic. Freeman S. **Contact Dermatitis** 1984 Sep; 11(3):146-9

Dermatitis from aziridine hardener in printing ink. Garabrant DH. **Contact Dermatitis** 1985 Apr;12(4):209-12

A study of close-set text type. Moriarty SE, et al. **J Appl Psychol** 1984 Nov;69(4):700-2

Occupational asthma in a factory with a contaminated humidifier. Burge PS, et al. **Thorax** 1985 Apr;40(4):248-54

[Poisoning by organic solvents in a group of serigraphic workers in the plastic industry] Jørgensen NK, et al. **Ugeskr Laeger** 1984 Apr 30;146(18):1391-3 (Eng. Abstr.) **(Dan)**

[Encephalopathy in printers in the flexoprinting industry] Mikkelsen S, et al. **Ugeskr Laeger** 1984 Apr 30; 146(18):1381-6 (Eng. Abstr.) **(Dan)**

[Occupational asthma caused by toluene diisocyanate in workers who touch-up the frames used in textile printing] Baruffini A, et al. **Med Lav** 1984 Sep-Oct;75(5):393-8 (Eng. Abstr.) **(Ita)**

PRINZMETAL'S ANGINA see **ANGINA PECTORIS, VARIANT**

PRISONERS

Amnesty International and the forensic sciences. Thomsen JL, et al. **Am J Forensic Med Pathol** 1984 Dec;5(4):305-11

Hepatitis B in Wisconsin male prisoners: considerations for serologic screening and vaccination. Anda RF, et al. **Am J Public Health** 1985 Oct;75(10):1182-5

Should prisoners be immunized against hepatitis B? [editorial] Decker MD, et al. **Am J Public Health** 1985 Oct; 75(10):1134-5

Incidence of hepatitis B in the penitentiary of New Mexico. Hull HF, et al. **Am J Public Health** 1985 Oct;75(10):1213-4

Health care for prisoners [editorial] Guzzardi LJ. **Ann Emerg Med** 1985 Feb;14(2):185

Prisoners in the emergency department. Lessenger JE. **Ann Emerg Med** 1985 Feb;14(2):179-83

Comparison of medical care in prison and in general practice. Martin E. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):967-9

Health of prisoners admitted to and discharged from Bedford Prison. Martin E, et al. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):965-7

James Welsh: Amnesty International's medical office coordinator. Goldman B. **Can Med Assoc J** 1985 Mar 15; 132(6):688-93

Review of traumatic injuries in regional federal penitentiaries. O'Connor HM, et al. **Can Med Assoc J** 1985 Aug 1; 133(3):204-5

When X rays show, must prison doctors tell? Thorburn KM. **Hastings Cent Rep** 1985 Jun;15(3):17-8

Principles of medical ethics relevant to the protection of prisoners against torture. Council for International Organizations of Medical Sciences. **Int J Health Serv** 1984; 14(3):505-8

Human rights and correctional treatment. Ferracuti F. **Int J Law Psychiatry** 1984;7(2):215-8

Utilization of local first aiders in the provision of health care for prisoners by the International Committee of the Red Cross in Nicaragua. Bollag U. **J Community Health** 1985 Spring;10(1):17-21

The incidence of hepatitis B in Tennessee prisoners. Decker MD, et al. **J Infect Dis** 1985 Jul;152(1):214-7

Seroepidemiology of hepatitis B in Tennessee prisoners. Decker MD, et al. **J Infect Dis** 1984 Sep;150(3):450-9

Seroepidemiology of hepatitis A in Tennessee prisoners. Decker MD, et al. **J Infect Dis** 1984 Sep;150(3):460

Attitude change and a prison health care experience. Werlin EL, et al. **J Nurs Educ** 1984 Nov;23(9):393-7

Nationwide profile of female inmate substance involvement. Miller RE. **J Psychoactive Drugs** 1984 Oct-Dec; 16(4):319-26

Fatal disseminated strongyloidiasis in an immunocompromised former war prisoner of the Japanese. Stewart JB, et al. **J R Army Med Corps** 1985 Feb; 131(1):47-9

Hospital places for mentally abnormal offenders [letter] **Lancet** 1985 Feb 16;1(8425):402

The Biko case: an appeal [letter] Hoffenberg R. **Lancet** 1984 Nov 17;2(8412):1158

Ill-treatment of detainee in Northern Ireland, and function of doctors [letter] Kemperman CJ. **Lancet** 1985 Aug 10; 2(8450):336-7

Gastrointestinal morbidity among World War II prisoners of war: 40 years on. Goulston KJ, et al. **Med J Aust** 1985 Jul 8;143(1):6-10

Torture in Iraq [letter] Masarei JR. **Med J Aust** 1985 Aug 5;143(3):131-2

Incarcerated youths: urgent needs [editorial] Owens JW. **Pediatrics** 1985 Mar;75(3):539-40

Epidemiology of trauma in a population of incarcerated youth. Woolf A, et al. **Pediatrics** 1985 Mar;75(3):463-8

Sexually transmitted diseases in females in a juvenile detention center. Bell TA, et al. **Sex Transm Dis** 1985 Jul-Sep;12(3):140-4

Clinical and subclinical nutritional neurological damage in former war prisoners of the Japanese. Venables GS, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):412-4

Eating more and enjoying it less: U.S. prison diets for women. Shaw NS, et al. **Women Health** 1985 Spring;10(1):39-57

[Treatment of personality disorders? The sociotherapy workshop of the medical department of the Champ-Dollon prison (Geneva): 5-year survey] de Montmollin MJ. **Rev Med Suisse Romande** 1985 Jan;105(1):65-71 **(Fre)**

[Physicians and patient-prisoners. Sociological aspects of penitentiary medicine at the Champ-Dollon prison in Geneva] von Allmen M, et al. **Rev Med Suisse Romande** 1985 Jan;105(1):73-83 **(Fre)**

[On the dilemma of hunger strike, force feeding and medical responsibility] Förster H. **Fortschr Med** 1985 Mar 28; 103(12):73-5 **(Ger)**

[Pregnancy, labor and the puerperium in women prisoners] Stauber M, et al. **Geburtshilfe Frauenheilkd** 1984 Nov; 44(11):731-7 (Eng. Abstr.) **(Ger)**

[Alcoholism in the prison environment: a clinical approach] Ceraudo F. **Clin Ter** 1985 Mar 31;112(6):515-20 (Eng. Abstr.) **(Ita)**

[Polish Red Cross hospital for prisoners of war in Cracow] Mianowska A. **Przegl Lek** 1985;42(1):72-9 **(Pol)**

[Infection by hepatitis virus in inmates and personnel of a penal institution] Bruguera M, et al. **Med Clin (Barc)** 1985 Apr 20;84(15):593-5 (Eng. Abstr.) **(Spa)**

PSYCHOLOGY

Auto-hypnosis as a defense against coercive persuasion. Balson PM, et al. **Am J Clin Hypn** 1984 Apr;26(4):252-60

Use of the Michigan Alcoholism Screening Test in a prison hospital. Swett C Jr. **Am J Drug Alcohol Abuse** 1984; 10(4):563-9

Measuring the effects of solitary confinement [letter] Suedfeld P. **Am J Psychiatry** 1984 Oct;141(10):1306-8

The use of penile tumescence measures with incarcerated rapists: further validity issues. Murphy WD, et al. **Arch Sex Behav** 1984 Dec;13(6):545-54

Admissions to a prison psychiatric unit. Glaser WF. **Aust NZ J Psychiatry** 1985 Mar;19(1):45-52

Law, psychiatry and women's imprisonment. A sociological view. Carlen P. **Br J Psychiatry** 1985 Jun;146:618-21

A study of violence within a forensic treatment facility. Barnard GW, et al. **Bull Am Acad Psychiatry Law** 1984; 12(4):339-48

The criminal defendant with identified mental disorder. Beck JC, et al. **Bull Am Acad Psychiatry Law** 1984;12(4):331-8

Impulsivity and delinquent behavior among incarcerated adolescents. Oas P. **J Clin Psychol** 1985 May;41(3):422-4

Prison inmates' explanations for interpersonal violence: accounts and attributions. Henderson M, et al. **J Consult Clin Psychol** 1984 Oct;52(5):789-94

Human reactions to the Nazi concentration camps: a summing up. Schmolling P. **J Human Stress** 1984 Fall;10(3):108-20 (36 ref.)

The clinical EEG and personality in mentally abnormal offenders. Howard RC. **Psychol Med** 1984 Aug; 14(3):569-80

Note on the reliability of the MMPI with Spanish-speaking inmates in the federal prison system. Traub GS, et al. **Psychol Rep** 1985 Apr;56(2):373-4

Patterns of suicide among hospitalized mentally disordered offenders. Haynes RL, et al. **Suicide Life Threat Behav** 1984 Summer;14(2):113-25

[Time does not heal all wounds] Cohen EA. **Ned Tijdschr Geneeskd** 1985 May 4;129(18):826-7 **(Dut)**

[Home again from camp] Dekking F. **Ned Tijdschr Geneeskd** 1985 May 4;129(18):823-5 **(Dut)**

[Psychological analysis of violent acts] De Pinho AR. **Ann Med Psychol (Paris)** 1984 Apr;142(4):562-6 **(Fre)**

[Segregation of psychiatrically ill offenders in specialty clinics--the end of the deportation game?] Burghardt A, et al. **Psychiatr Prax** 1985 May;12(3):73-7 (Eng. Abstr.) **(Ger)**

[Analysis of a patient population of the neurologic-psychiatric admission department of a central prison hospital] Schulte RM. **Psychiatr Prax** 1985 May; 12(3):78-83 (Eng. Abstr.) **(Ger)**

[Medical aspects of concentration and prisoner of war camps in western literature] Ryn Z. **Przegl Lek** 1985;42(1):196-201 **(Pol)**

[Psychopathology of hunger in concentration camps] Ryn Z, et al. **Przegl Lek** 1985;42(1):41-55 **(Pol)**

[The Women's Division at Auschwitz] Strzelecka I. **Przegl Lek** 1985;42(1):80-93 **(Pol)**

PRISONER'S DILEMMA see **GAME THEORY**

PRISONS

An outbreak of histoplasmosis in a prison. Morse DL, et al. **Am J Epidemiol** 1985 Aug;122(2):253-61

Time orientation in Nazi concentration camp survivors: forty years after. Lomranz J, et al. **Am J Orthopsychiatry** 1985 Apr;55(2):230-6

One-year follow-up study of posttraumatic stress disorder among survivors of Cambodian concentration camps. Boehnlein JK, et al. **Am J Psychiatry** 1985 Aug; 142(8):956-9

Cutaneous inoculation tuberculosis secondary to 'jailhouse tattooing'. Horney DA, et al. **Arch Dermatol** 1985 May; 121(5):648-50

Admissions to a prison psychiatric unit. Glaser WF. **Aust NZ J Psychiatry** 1985 Mar;19(1):45-52

A chamber pot and Bible [editorial] **Br Med J [Clin Res]** 1985 Aug 3;291(6491):298

Mental disorder and prison. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1387-8

Mentally ill offenders in prison. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):447

Mentally ill offenders in prison [letter] Reeves RW. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):786

Recovery and regression in concentration camp survivors: a psychodynamic re-evaluation. Berger DM. **Can J Psychiatry** 1985 Feb;30(1):54-9

Holocaust survivors and their children: comments on psychiatric consequences and psychiatric terminology. Krell R. **Compr Psychiatry** 1984 Sep-Oct;25(5):521-8

Sharing the holocaust experience: communication behaviors and their consequences in families of ex-partisans and ex-prisoners of concentration camps. Kav Venaki S, et al. **Fam Process** 1985 Jun;24(2):273-80

The role of the psychiatrist in the penitentiary appeal court in The Netherlands. de Smit NW. **Int J Law Psychiatry** 1983;6(3-4):473-9

Parental communication of Holocaust experiences and personality characteristics among second-generation survivors. Lichtman H. **J Clin Psychol** 1984 Jul; 40(4):914-24

Transgenerational effects of the holocaust: externalization of aggression in second generation of holocaust survivors. Nadler A, et al. **J Consult Clin Psychol** 1985 Jun; 53(3):365-9

Coping with cancer among holocaust survivors in Israel: an exploratory study. Baider L, et al. **J Human Stress** 1984 Fall;10(3):121-7

Human reactions to the Nazi concentration camps: a summing up. Schmolling P. **J Human Stress** 1984 Fall;10(3):108-20 (36 ref.)

Prison riot! Haines JD Jr. **J Okla State Med Assoc** 1985 Apr; 78(4):108-11

Wormwood Scrubs Annexe—a therapeutic community within a prison: discussion paper. Clarke CR, et al. **J R Soc Med** 1985 Aug;78(8):656-62

Prison-psychiatry: medical or correctional discipline? Silfen P. **Med Law** 1985;4(3):239-49

Outcome of narcotic addict treatment in California. Anglin MD, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984; 51:106-28

Second generation effects of historical trauma. Prince RM. **Psychoanal Rev** 1985 Spring;72(1):9-29

Benzodiazepines: guidelines for use in correctional facilities. Sharon L. **Psychosomatics** 1984 Oct;25(10):784-8

[Biological studies and research of immunologic deficiencies in blood donors from a prison environment] Falkenrodt A, et al. **Rev Fr Transfus Immunohematol** 1984 Sep; 27(4):525-9 (Eng. Abstr.) **(Fre)**

[Hepatitis B virus markers, beta 2 microglobulin and anti HTLV in a population of blood donors from a prison environment] Noël L, et al. **Rev Fr Transfus Immunohematol** 1984 Sep;27(4):537-41 (Eng. Abstr.) **(Fre)**

[Violence and aggression: treatment and the therapeutic community at Grendon Prison (England)] Barrett BJ. **Rev Med Suisse Romande** 1985 Jan;105(1):59-64 **(Fre)**

[Treatment of personality disorders? The sociotherapy workshop of the medical department of the Champ-Dollon prison (Geneva): 5-year survey] de Montmollin MJ. **Rev Med Suisse Romande** 1985 Jan;105(1):65-71 **(Fre)**

[Physicians and patient-prisoners. Sociological aspects of penitentiary medicine at the Champ-Dollon prison in Geneva] von Allmen M, et al. **Rev Med Suisse Romande** 1985 Jan;105(1):73-83 **(Fre)**

[25th issue dedicated to medical problems during the occupation under Hitler. On the 40th anniversary of the liberation of the Auschwitz-Brzezinka concentration camp] **Przegl Lek** 1985;42(1):1-245 **(Pol)**

[Psychiatric sequelae of Hitler's concentration camps in the progeny of former prisoners] Banach G, et al. **Przegl Lek** 1985;42(1):29-34 **(Pol)**

[Socio-medical aspects of families of former prisoners of Hitler's concentration camps] Bieńka S. **Przegl Lek** 1985; 42(1):20-4 **(Pol)**

[Remote sequelae of Hitler's persecutions in the families of survivors] Danieli Y. **Przegl Lek** 1985;42(1):34-41 **(Pol)**

[Psychologico-medical problems of Hitler's concentration camps in Italian literature] Godorowski K. **Przegl Lek** 1985; 42(1):191-6 **(Pol)**

[Medical topics on the occupation in Polish publications during 1984] Masłowski J. **Przegl Lek** 1985;42(1):205-19 **(Pol)**

[Contents of the preceding issues of Przeglad Lekarski (Medical Review) devoted to medical problems during the occupation under Hitler] Masłowski J. **Przegl Lek** 1985; 42(1):220-45 **(Pol)**

[Medical aspects of concentration and prisoner of war camps in western literature] Ryn Z. **Przegl Lek** 1985;42(1):196-201 **(Pol)**

[Health status of concentration camp children in the light of the Lower-Silesian Center of Medical Diagnostics] Zukowski W, et al. **Przegl Lek** 1985;42(1):25-9 **(Pol)**

[Infection by hepatitis virus in inmates and personnel of a penal institution] Bruguera M, et al. **Med Clin (Barc)** 1985 Apr 20;84(15):593-5 (Eng. Abstr.) **(Spa)**

HISTORY

[Home again from camp] Dekking F. **Ned Tijdschr Geneeskd** 1985 May 4;129(18):823-5 **(Dut)**

[Correspondence on the Auschwitz issue of Przegladu Lekarskiego. VII] **Przegl Lek** 1985;42(1):181-90 **(Pol)**

[Children and war] Bartelski LM. **Przegl Lek** 1985; 42(1):113-20 **(Pol)**

[25th issue dedicated to medical problems during the occupation under Hitler. Introduction] Bogusz J. **Przegl Lek** 1985;42(1):5-19 **(Pol)**

[The Auschwitz dictionary (D). A model] Kłodziński S, et al. **Przegl Lek** 1985;42(1):56-63 **(Pol)**

[Modern literature on the martyrdom of children] Masłowski J. **Przegl Lek** 1985;42(1):201-5 **(Pol)**

[Psychopathology of hunger in concentration camps] Ryn Z, et al. **Przegl Lek** 1985;42(1):41-55 **(Pol)**

[The Women's Division at Auschwitz] Strzelecka I. **Przegl Lek** 1985;42(1):80-93 **(Pol)**

[Portrait drawing in the Auschwitz concentration camp] Szymańska I. **Przegl Lek** 1985;42(1):93-104 **(Pol)**

[Forensic medical expertise in investigating the crimes of the fascists at Auschwitz] Popov VL. **Sud Med Ekspert** 1985 Apr-Jun;28(2):14-6 **(Rus)**

[The first years' medical activity in a concentration camp. I. Medical aspects of life in Stara Gradiška] Radujkat-Faist Z. **Med Pregl** 1984;37(11-12):573-6 **(Scr)**

LEGISLATION & JURISPRUDENCE

Measuring the effects of solitary confinement [letter] Suedfeld P. **Am J Psychiatry** 1984 Oct;141(10):1306-8

The admissibility of positive EMIT results as scientific evidence: counting facts, not heads. Divoll MK, et al. **J Clin Psychopharmacol** 1985 Apr;5(2):114-6

PRISTINAMYCINS see **VIRGINIAMYCINS**

PRIVACY ACT see **CIVIL RIGHTS**

PRIVATE PRACTICE

Radiologists in practice [letter] Stargardter FL. **AJR** 1985 Sep;145(3):654

Availability of physicians through call schedules [letter] Schunk GJ. **Am J Dis Child** 1985 Jun;139(6):541

Champions of choice. Norton SF, et al. **Am J Nurs** 1985 Apr;85(4):380-3

Legal liability in the use of ultrasound by office-based obstetricians. Perone N, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):801-4

Information needs in office practice: are they being met? Covell DG, et al. **Ann Intern Med** 1985 Oct;103(4):596-9

The employment of dental auxiliary personnel in private practice: a survey report. Stewart AJ, et al. **Aust Dent J** 1984 Jun;29(3):172-4

Private practice: capital allowances. Hepburn PF. **Br J Hosp Med** 1985 May;33(5):294, 296

Private practice--5. Hepburn PF. **Br J Hosp Med** 1985 Jan; 33(1):50-1

Maintaining standards in the independent sector of health care. Day P, et al. **Br Med J [Clin Res]** 1985 Mar 30; 290(6473):1020-2

Mall medicine--convenient, but what about quality of care? Oglov L. **Can Med Assoc J** 1985 Feb 15;132(4):456, 461-2

Cost-effectiveness of sealants in private practice and standards for use in prepaid dental care. Council on Dental Research. **J Am Dent Assoc** 1985 Jan;110(1):103-7

Human in vitro fertilization in a private program: Reproductive Genetics in Vitro, P.C. Henry GP, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):76-9

Impact of board certification on physician practice characteristics. Becker ER, et al. **J Med Educ** 1985 Jan; 60(1):9-15

Practice location preferences of Alabama medical students. Coombs DW, et al. **J Med Educ** 1985 Sep;60(9):696-706

Referral to consultants--the National Health Service versus private practice. Gillam DM. **J R Coll Gen Pract** 1985 Jan;35(270):15-8

Private practice and the NHS. **Lancet** 1985 Feb 23; 1(8426):449

Access to private obstetrics/gynecology services under Medicaid. Mitchell JB, et al. **Med Care** 1984 Nov; 22(11):1026-37

American Academy of Pediatrics Committee on Hospital Care: Relationship between hospital-based and private practice physicians. Bergeson PS, et al. **Pediatrics** 1985 Feb; 75(2):365-7

The private practice study group as phase-IV research tool. Helmchen H, et al. **Pharmacopsychiatry** 1984 Sep; 17(5):157-61

Manpower, entrepreneurs, and antitrust. Reuter SR. **Radiology** 1984 Nov;153(2):549-50

Privatization of the health services. Brundltand GH. **Scand J Soc Med** 1984;12(4):137-9

Survey of the previous investigation and treatment by private practitioners of patients with pulmonary tuberculosis attending government chest clinics in Hong Kong. Hong Kong Chest Service/British Medical Research Council. **Tubercle** 1984 Sep;65(3):161-71

[Locale and content of physician visits: the point of view of consumers] Mizrahi A, et al. **Cah Sociol Demogr Med** 1984 Jul-Sep;24(3):231-47 **(Fre)**

[A few reflections on the practice of urban medical angiology. Activity, role, future] Lance P. **J Mal Vasc** 1985;10 Suppl A:160-2 (Eng. Abstr.) **(Fre)**

[Interruption of pregnancy by private physicians. Opinion of the Baden-Württemberg Superior Court of 1-30-1985] Rieger HJ. **Dtsch Med Wochenschr** 1985 Mar 29; 110(13):519-21 **(Ger)**

[Role of the clinical oncologist and the oncologist in private practice in the ambulatory care of cancer patients] Illiger J, et al. **Onkologie** 1985 Apr;8(2):68-70 **(Ger)**

ECONOMICS

Private practice: financial records. Hepburn PF. **Br J Hosp Med** 1985 Jun;33(6):362-4

Private practice: practice accounts. Hepburn PF. **Br J Hosp Med** 1985 Jul;34(1):60-1

Private practice. Hepburn PF. **Br J Hosp Med** 1984 Sep; 32(3):144, 146

Your accounts. Private practice--6. Hepburn PF. **Br J Hosp Med** 1985 Feb;33(2):115-6

Preparing to sell your medical practice. Strogen EM Jr, et al. **Conn Med** 1985 Apr;49(4):249-51

Report of quarterly survey of dental practice: gross income report. Bureau of Economic and Behavioral Research. **J Am Dent Assoc** 1985 Jun;110(6):973-4

Market strategies for private practice. Endress R. **J Tenn Med Assoc** 1984 Sep;77(9):522-8

How much does it cost to cut NHS waiting lists by calling in the private sector? **Lancet** 1985 Feb 9;1(8424):354

More on doctors' unions: are private practitioners 'de facto employees'? [letter] Willett DE. **N Engl J Med** 1985 Apr 18;312(16):1067

How your practice can cope with change. Beck LC, et al. **Pa Med** 1985 Jan;88(1):20-4

MANPOWER

[Results of a demographic and statistical survey. The setting up and beginning of a private practice] Pestel M. **Bull Acad Natl Med (Paris)** 1984 Oct-Nov; 168(7-8):897-903 (Eng. Abstr.) **(Fre)**

ORGANIZATION & ADMINISTRATION

Your accounts. Private practice--3. Hepburn PF. **Br J Hosp Med** 1984 Nov;32(5):272, 274

Private practice--4. Hepburn PF. **Br J Hosp Med** 1984 Dec; 32(6):322-4

Guide to private practice office planning. Dalton JB. **Nurse Pract** 1985 May;10(5):43-4, 47, 56

Solo, partnership or corporation: which practice is best for you? Edwards KS. **Ohio State Med J** 1984 Dec; 80(12):835-7

TRENDS

How your practice can cope with change. Beck LC, et al. **Ala Med** 1985 Jun;54(12):10, 13-5, 18

The private practice of medicine in the United States: glorious past, troubled present, uncertain future. Hatcher CR Jr. **Ann Thorac Surg** 1985 Jul;40(1):4-6

Cautious expansion in the private sector [editorial] **Br Med J [Clin Res]** 1985 Apr 13;290(6475):1098

Hong Kong physicians prepare for the future. Gray C. **Can Med Assoc J** 1985 Apr 15;132(8):967-8

Restructuring health care: the social geography of public and private health care under the British Conservative Government. Mohan J, et al. **Int J Health Serv** 1985; 15(2):197-215

The corporate transformation of medicine in Minnesota: the struggle by independent physicians for a place in the twin cities market. Sixth in a series. Reece RL. **Minn Med** 1984 Sep;67(9):473-80

Private medical practice and the National Health Service. Lister J. **N Engl J Med** 1984 Oct 18;311(16):1057-61

The private practice of behavior therapy. Kaplan SJ. **Prog Behav Modif** 1984;17:201-40

UTILIZATION

Weekend use of a children's casualty department by patients who have private doctors. Ryan JG, et al. **Aust Fam Physician** 1985 Jul;14(7):687, 690, 692

PRIVILEGED COMMUNICATION see **CONFIDENTIALITY**

PROACCELERIN see **FACTOR V**

PROACTIVE INHIBITION see under **INHIBITION (PSYCHOLOGY)**

PROADIFEN

PHARMACODYNAMICS

Extracellular potassium concentration; perhexiline and SKF-525A on the action of ouabain in isolated self-beating rat auricles. Canga L, et al. **Methods Find Exp Clin Pharmacol** 1984 Sep;6(9):497-502

Effects of phenobarbital and SKF-525A on in vitro hepatic metabolism of verapamil and nifedipine. Hamann SR, et al. **Pharmacology** 1985;30(3):121-8

Effects of SKF 525-A, phenobarbital and 3-methylcholanthrene on the toxicity of lobeline sulfate. Kim HL. **Vet Hum Toxicol** 1985 Feb;27(1):1-2

THERAPEUTIC USE

Effects of SKF525A, phenobarbital, fasting, and carnitine on the anticonvulsant activity and neurotoxicity of valproate in mice. Ater SB, et al. **Epilepsia** 1984 Oct; 25(5):599-604

[Effect of phenobarbital and SKF 525-A on the toxic and therapeutic action of adriamycin in mice with Ehrlich ascites cancer] Bogush TA, et al. **Eksp Onkol** 1985; 7(3):69-71 (Eng. Abstr.) **(Rus)**

PROALBUMIN see **PREALBUMIN**

PROBABILITY

Measure of Bayes' theorem [letter] Kraemer HC, et al. **Am J Cardiol** 1984 Oct 1;54(7):939-40

Some unanswered problems with probability analysis: possible impact on exercise thallium test use. Steingart RM, et al. **Am J Cardiol** 1985 Jan 1;55(1):240-2

Another shortcut method for calculating the confidence interval of a Poisson variable (or of a standardized mortality ratio) [letter] Ury HK, et al. **Am J Epidemiol** 1985 Jul; 122(1):197-8

Bayes' theorem and X-linked ophthalmic disorders. Nowakowski RW. **Am J Optom Physiol Opt** 1984 Oct; 61(10):643-6

Effects of stimulus probability and visual similarity on stimulus encoding. Irwin DE, et al. **Am J Psychol** 1985 Spring;98(1):85-100

Some goodness-of-fit methods for the Poisson plus added zeros distribution. el-Shaarawi AH. **Appl Environ Microbiol** 1985 May;49(5):1304-6

Identification and estimation algorithm for stochastic neural system. Nakao M, et al. **Biol Cybern** 1984;50(4):241-9

Axonal elongation as a stochastic walk. Katz MJ, et al. **Cell Motil** 1984;4(5):351-70

Alternative diagnostic strategies for coronary artery disease in women: demonstration of the usefulness and efficiency of probability analysis. Melin JA, et al. **Circulation** 1985 Mar;71(3):535-42

A Bayesian feedback method of aminoglycoside dosing. Burton ME, et al. **Clin Pharmacol Ther** 1985 Mar; 37(3):349-57

Differentiation between diseases using a programmable hand-held calculator and Bayes' theorem: application to lower gastrointestinal tract disorders. van de Merwe JP. **Comput Biol Med** 1984;14(4):471-89

Comparison of receiver operating curves derived from the same population: a bootstrapping approach. Moise A, et al. **Comput Biomed Res** 1985 Apr;18(2):125-31

A graphical aid to medical decision making. Benish WA. **Henry Ford Hosp Med J** 1985;33(1):34-5

A note on the use of the non-central t-distribution in setting numerical microbiological specifications for foods. Malcolm S. **J Appl Bacteriol** 1984 Aug;57(1):175-7

A comparison of the logistic risk function and the proportional hazards model in prospective epidemiologic studies [letter] Hauck WW. **J Chronic Dis** 1985;38(1):125-6

Bootstrapping diagnoses using Bayes's theorem: it's not worth the trouble. Grove WM. **J Consult Clin Psychol** 1985 Apr; 53(2):261-3

Probability and delay of reinforcement as factors in discrete-trial choice. Mazur JE. **J Exp Anal Behav** 1985 May;43(3):341-51

Stochastic models of tumor growth and the probability of elimination by cytotoxic cells. Merrill SJ. **J Math Biol** 1984; 20(3):305-20

Global asymptotic stability of the size distribution in probabilistic models of the cell cycle. Tyson JJ, et al. **J Math Biol** 1985;22(1):61-8

Bayesian estimation and prediction of clearance in high-dose methotrexate infusions. Iliadis A, et al. **J Pharmacokinet Biopharm** 1985 Feb;13(1):101-15

Change the rules for clinical trials in general practice. Lewith GT, et al. **J R Coll Gen Pract** 1984 Apr;34(261):239

Dietary carotene and vitamin A and risk of lung cancer among white men in New Jersey. Ziegler RG, et al. **JNCI** 1984 Dec;73(6):1429-35

The predictive factor--a method to simplify Bayes' formula and its application to diagnostic procedures. Köbberling J, et al. **Klin Wochenschr** 1984 Jun 15;62(12):586-92

Diagnosis, and Bayes' theorem. **Lancet** 1985 Mar 23; 1(8430):705-6

Clinical uses of bayesian probability [letter] **Lancet** 1985 Apr 27;1(8435):993-4

Bayesian diagnosis in presence of pre-existing disease. Balla JI, et al. **Lancet** 1985 Feb 9;1(8424):326-9

Nomogram for predictive values and efficiencies of tests [letter] Møller-Petersen J. **Lancet** 1985 Feb 9;1(8424):348

Playing the odds. Simel DL. **Lancet** 1985 Feb 9; 1(8424):329-30

Probabilities in medicine [letter] Vandenbroucke JP, et al. **Lancet** 1985 Jul 20;2(8447):158

Intramitotic variation in proliferative potential: stochastic events in cellular aging. Jones RB, et al. **Mech Ageing Dev** 1985 Feb;29(2):143-9

Calcium stone risk determination by computer. Goggin MJ. **Med Inf (Lond)** 1984 Apr-Jun;9(2):153-6

Bayesian models for clinical studies. Schneider B. **Methods Inf Med** 1984 Jul;23(3):147-53

The predictive value of diagnostic procedures. Gelmann GR. **Nurse Pract** 1985 Mar;10(3):25, 28-30, 32 passim

The N of 1 Markov chain design as a means of studying the stages of psychotherapy. Tracey TJ. **Psychiatry** 1985 May;48(2):196-204

The Bayesian-inferential approach to defining response processes in psychophysiology. O'Connor K. **Psychophysiology** 1985 Jul;22(4):464-79

Estimation of auditory brainstem response, ABR, by means of Bayesian inference. Elberling C, et al. **Scand Audiol** 1985; 14(2):89-96

Empirical Bayes estimation of cancer mortality rates. Tsutakawa RK, et al. **Stat Med** 1985 Apr-Jun;4(2):201-12

Computer-assisted drug assay interpretation based on Bayesian estimation of individual pharmacokinetics: application to lidocaine. Vozeh S, et al. **Ther Drug Monit** 1985;7(1):66-73

[A uniform procedure for the Yates' correction of the four-fold table X 2 test] Dong YH. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Sep;18(5):264-7 (Eng. Abstr.) **(Chi)**

[Several probability distributions applied to the dominant lethal mutation test] Liu YY. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 May; 18(3):151-4 (Eng. Abstr.) **(Chi)**

[The probability ratio principle in the evaluation of diagnostic test results] Linnet K. **Ugeskr Laeger** 1984 Aug 13; 146(33):2461-6 (Eng. Abstr.) **(Dan)**

[The test diagram: a visual aid in the interpretation of tests results] Baggen JL, et al. **Ned Tijdschr Geneeskd** 1984 Sep 1;128(35):1656-9 (Eng. Abstr.) **(Dut)**

[Discrete probabalistic reaction models as categorial regression models] Tutz G. **Arch Psychol (Frankf)** 1985; 137(2):99-114 (Eng. Abstr.) **(Ger)**

[A fast program for calculating multifactorial risks] Barrai I, et al. **Pathologica** 1983;75 Suppl:103-7 **(Ita)**

[Application of Bayes' theorem to diagnosis of patients with multiple diseases] Maetani S, et al. **Iyodenshi To Seitai Kogaku** 1984 Oct;22(6):426-32 (Eng. Abstr.) **(Jpn)**

[What is the p value and what is it worth?] Andersen B, et al. **Nord Med** 1984;99(10):258-60 **(Nor)**

[Use of the probability method in the diagnosis of non-invasive ischemic heart disease] Tendera M. **Kardiol Pol** 1984;27(5):417-22 **(Pol)**

[Carcinogenesis, embryogenesis and aging from the view point of the assessment of cell proliferation and differentiation as a stochastic process] Golubev AG. **Eksp Onkol** 1984;6(5):10-5 (44 ref.) (Eng. Abstr.) **(Rus)**

[The rule of excess: a simple and useful parameter for measuring the association between exposure and disease] Villalbi JR. **Med Clin (Barc)** 1985 Mar 9;84(9):360-2 (18 ref.) **(Spa)**

PROBABILITY LEARNING

Controllability and predictability in acquired motivation. Mineka S, et al. **Annu Rev Psychol** 1985;36:495-529 (208 ref.)

Curiosity and demographic factors as determinants of children's probability-learning strategies. Kreitler S, et al. **J Genet Psychol** 1984 Sep;145(1ST Half):61-75

PROBABILITY THEORY see under **OPERATIONS RESEARCH**

PROBECID see **PROBENECID**

PROBENECID

ADMINISTRATION & DOSAGE

Vaginitis [letter] Brinton K. **Nurse Pract** 1984 Nov;9(11):64

[Effect of probenecid on penicillin levels of the cerebrospinal fluid and blood serum in patients treated with procaine G penicillin] Stapiński A, et al. **Przegl Dermatol** 1984 Jul-Aug;71(4):375-82 (Eng. Abstr.) **(Pol)**

[Treatment of gonorrheal urethritis with a single dose of penicillin in combination with probenecid] Karadaglić D, et al. **Vojnosanit Pregl** 1985 May-Jun;42(3):194-6 (Eng. Abstr.) **(Scr)**

ADVERSE EFFECTS

Immune hemolytic anemia associated with probenecid. Sosler SD, et al. **Am J Clin Pathol** 1985 Sep;84(3):391-4

CEREBROSPINAL FLUID

CSF probenecid and biogenic amines [letter] Thiemann S, et al. **Biol Psychiatry** 1984 Sep;19(9):1357-8

DIAGNOSTIC USE

Further observations showing the impact of the probenecid test in movement disorders. Vanderheyden JE, et al. **Acta Neurol Belg** 1985 May-Jul;85(3):171-81

Hypouricemia due to renal tubular defect. A study with the probenecid-pyrazinamide test. Smetana SS, et al. **Arch Intern Med** 1985 Jul;145(7):1200-3

[The probenecid test and its application to research in schizophrenia] Chen YF. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Aug; 17(4):252-5 **(Chi)**

METABOLISM

Pharmacokinetics of probenecid in sheep. Guerrini VH, et al. **J Vet Pharmacol Ther** 1985 Jun;8(2):128-35

Pharmacokinetics of cefotaxime and probenecid in sheep with normal and reduced renal function. Guerrini VH, et al. **J Vet Pharmacol Ther** 1984 Dec;7(4):283-91

PHARMACODYNAMICS

Renal disposition of ceftazidime illustrated by interferences by probenecid, furosemide, and indomethacin in rabbits. Carbon C, et al. **Antimicrob Agents Chemother** 1984 Sep; 26(3):373-7

Azlocillin and cefonicid penetration into bone enhanced by probenecid. Summersgill JT, et al. **Antimicrob Agents Chemother** 1984 Sep;26(3):292-4

Effect of probenecid on the disposition of captopril and captopril dimer in the rat. Drummer OH, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3347-51

Protein binding as a component of drug interaction in cellular pharmacokinetic studies. Effects of probenecid on transport and accumulation of methotrexate in Ehrlich ascites tumor cells in vitro. Gewirtz DA, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):747-54

Inhibitory effects of probenecid on the individual transport routes which mediate the influx and efflux of methotrexate in L1210 cells. Henderson GB, et al. **Biochem Pharmacol** 1985 May 15;34(10):1725-9

The uricosuric action of azapropazone: dose-response and comparison with probenecid. Higgens CS, et al. **Br J Clin Pharmacol** 1984 Sep;18(3):439-43

Effect of probenecid on the formation and elimination of acyl glucuronides: studies with zomepirac. Smith PC, et al. **Clin Pharmacol Ther** 1985 Aug;38(2):121-7

Effect of probenecid on isofezolac kinetics. Bannier A, et al. **Eur J Clin Pharmacol** 1985;28(4):433-7

3,4-Dihydroxyphenylethylamine and 5-hydroxytryptamine metabolism in the rat: acidic metabolites in cisternal cerebrospinal fluid before and after giving probenecid. Curzon G, et al. **J Neurochem** 1985 Aug;45(2):508-13

Probenecid impairment of acetaminophen and lorazepam clearance: direct inhibition of ether glucuronide formation. Abernethy DR, et al. **J Pharmacol Exp Ther** 1985 Aug; 234(2):345-9

Renal tubular excretory transport of oxalate in the chicken. Tremaine LM, et al. **J Pharmacol Exp Ther** 1985 Apr; 233(1):7-11

Studies on the metabolism of D-penicillamine and its interaction with probenecid in cystinuria and rheumatoid arthritis. Yu TF, et al. **J Rheumatol** 1984 Aug;11(4):467-70

Effect of probenecid on the pharmacokinetics of cefotaxime in sheep. Guerrini VH, et al. **J Vet Pharmacol Ther** 1985 Mar;8(1):38-46

Interaction between probenecid and two lipid-soluble barbiturates in the rat. Bolander HG, et al. **Neuropharmacology** 1984 Aug;23(8):977-81

In vivo electrochemical detection of 5-hydroxyindoles in rat cerebral cortex and spinal cord: differential effects of p-chloroamphetamine, probenecid and clorgyline. Ory-Lavollee L, et al. **Neurosci Lett** 1984 Sep 7; 50(1-3):231-7

[Changes in the CSF levels of monoamine metabolites in 102 chronic schizophrenic patients following probenecid before and after neuroleptic medication] Chen YF. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Oct; 17(5):273-7 (Eng. Abstr.) **(Chi)**

THERAPEUTIC USE

Penicillin concentrations in serum and cerebrospinal fluid after intramuscular injection of aqueous procaine penicillin 0.6 MU with and without probenecid. Goh BT, et al. **Br J Vener Dis** 1984 Dec;60(6):371-3

Failure of a single dose amoxycillin as prophylaxis against endocarditis [letter] Shanson DC. **Br Med J [Clin Res]** 1985 Mar 2;290(6469):711

Women at risk for gonorrhea: comparison of rosaramicin and ampicillin plus probenecid in the eradication of Neisseria gonorrhoeae, Chlamydia trachomatis and genital mycoplasmas. Batteiger BE, et al. **Sex Transm Dis** 1985 Jan-Mar;12(1):1-4

[Calcinosis universalis with hyperphosphataemia--successful treatment with phosphorus deprivation] Yoshikawa S, et al. **Nippon Seikeigeka Gakkai Zasshi** 1985 Mar; 59(3):293-302 (Eng. Abstr.) **(Jpn)**

[Penicillin therapy of neurosyphilis. A treatment which gives treponemicide penicillin concentration levels in the cerebrospinal fluid] Vilming ST, et al. **Tidsskr Nor Laegeforen** 1984 Sep 30;104(27):1919-20 (Eng. Abstr.) **(Nor)**

[Treatment of gonorrhea in Santiago de Chile] García J, et al. **Rev Med Chil** 1984 Nov;112(11):1104-8 (Eng. Abstr.) **(Spa)**

URINE

Effects of urinary pH on renal interactions between probenecid and cefsulodin in rabbits. Dromer F, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):660-2

PROBLEM SOLVING

see related
GAME THEORY

Induced strategy shifts in spatial reasoning. Ohlsson S. **Acta Psychol (Amst)** 1984 Sep;57(1):47-67

Relapse coping and problem solving training following treatment for smoking. Supnick JA, et al. **Addict Behav** 1984;9(4):401-4

Some linguistic components of acalculia. Deloche G, et al. **Adv Neurol** 1984;42:215-22

ICPS and beyond: centripetal and centrifugal forces. Spivack G, et al. **Am J Community Psychol** 1985 Jun;13(3):226-43

Influence of planning time and first-move strategy on Tower of Hanoi problem-solving performance of mentally retarded young adults and nonretarded children. Spitz HH, et al. **Am J Ment Defic** 1985 Jul;90(1):46-56

Every nurse must be a problem solver. Hixon JK. **AORN J** 1985 Jun;41(6):1096, 1099

Importance and perceived ability as determinants of information search. Försterling F, et al. **Arch Psychol (Frankf)** 1984;136(4):333-42

Information needs and problem solving behavior of parents of infants. Pridham KF. **Birth Defects** 1984;20(5):125-65

Effective family problem solving. Blechman EA, et al. **Child Dev** 1985 Apr;56(2):429-37

Development of analogical problem-solving skill. Holyoak KJ, et al. **Child Dev** 1984 Dec;55(6):2042-55

Correlation between characteristics of voluntary control of EEG rhythms with parameters of operant activity. Markman VG, et al. **Hum Physiol** 1983 Nov-Dec; 9(6):430-3

The problem-solving support group: structured group therapy with psychiatric inpatients. Pekala RJ, et al. **Int J Group Psychother** 1985 Jul;35(3):391-409

Cognitive problem-solving and life event correlates of depressive symptoms in children. Mullins LL, et al. **J Abnorm Child Psychol** 1985 Jun;13(2):305-14

Problem-solving characteristics of process and reactive schizophrenics and affective-disordered patients. King S, et al. **J Abnorm Psychol** 1985 Feb;94(1):17-29

Conceptual problem-solving in highly verbal, nonretarded autistic men. Rumsey JM. **J Autism Dev Disord** 1985 Mar; 15(1):23-36

An evaluation of interpersonal cognitive problem solving training with children. Pellegrini DS, et al. **J Child Psychol Psychiatry** 1985 Jan;26(1):17-41 (75 ref.)

Developmental aspects of adolescent problem disclosure in England and Ireland. Porteous MA. **J Child Psychol Psychiatry** 1985 May;26(3):465-78

Living with cancer: the Cancer Inventory of Problem Situations. Heinrich RL, et al. **J Clin Psychol** 1984 Jul; 40(4):972-80

Recidivism, perceived problem-solving abilities, MMPI characteristics, and violence: a study of black and white incarcerated male adult offenders. Ingram JC, et al. **J Clin Psychol** 1985 May;41(3):425-32

Word Finding Test performance: effects of localization of cerebral damage, level of neuropsychological impairment, age, and education. Pendleton MG, et al. **J Clin Psychol** 1985 Jan;41(1):82-5

Chimpanzee (Pan troglodytes) spatial problem solving with the use of mirrors and televised equivalents of mirrors. Menzel EW Jr, et al. **J Comp Psychol** 1985 Jun;99(2):211-7

Effects of interpersonal problem-solving training with chronic aftercare patients on problem-solving component skills and effectiveness of solutions. Hansen DJ, et al. **J Consult Clin Psychol** 1985 Apr;53(2):167-74

Differential effects of experiential and problem-solving interventions in resolving marital conflict. Johnson SM, et al. **J Consult Clin Psychol** 1985 Apr;53(2):175-84

The classification of children's knowledge: development on the balance-scale and inclined-plane tasks. Ferretti RP, et al. **J Exp Child Psychol** 1985 Feb;39(1):131-60

Analytic thinking: educating students for the practice of modern medicine. Boring JR 3d, et al. **J Med Educ** 1984 Nov;59(11 Pt 1):875-80

Medical problem-solving: a critique of the literature. McGuire CH. **J Med Educ** 1985 Aug;60(8):587-95

Maternal influence on the task behaviour of young Down's syndrome children. Berry P, et al. **J Ment Defic Res** 1984 Dec;28 (Pt 4):269-74

Nursing care analysis: a tool to develop problem solving. Bell SK, et al. **J Nurs Educ** 1985 Mar;24(3):118-21

Effects of load stressors, cognitive complexity and type A coronary prone behavior on visual-motor task performance. Streufert S, et al. **J Pers Soc Psychol** 1985 Mar;48(3):728-39

Visual matching test-taking strategies used by deaf readers. LaSasso C. **J Speech Hear Res** 1985 Mar;28(1):2-7

Reflectivity bias in picture-pointing grammatical comprehension tasks. Shorr DN, et al. **J Speech Hear Res** 1984 Dec;27(4):549-56

Drug choice as a problem-solving process. Segal R, et al. **Med Care** 1985 Aug;23(8):967-76

Differences between conventional and problem-based curricula in their students' approaches to studying. Coles CR. **Med Educ** 1985 Jul;19(4):308-9

Medical problem-solving: some questionable assumptions. Groen GJ, et al. **Med Educ** 1985 Mar;19(2):95-100

Computer-based simulations and clinical problem-solving. Barnett O. **Med Inf (Lond)** 1984 Jul-Dec;9(3-4):277-9

Calculation disturbances in the clinical picture of local brain lesions. Moskovichyute LI, et al. **Neurosci Behav Physiol** 1985 Mar-Apr;15(2):89-92

Clinical problem solving: learned process. Fiel SB, et al. **Pa Med** 1985 Jun;88(6):46-50

Intuition, cognitive style, and hemispheric processing. Fallik B, et al. **Percept Mot Skills** 1985 Jun;60(3):683-97

Hypothesis testing and problem solving by learning disabled and nondisabled boys. Ludlow BL, et al. **Percept Mot Skills** 1985 Feb;60(1):160

Identifying problems in clinical problem solving. Perceptions and interventions with nonproblem-solving clinical behaviors. Henry JN. **Phys Ther** 1985 Jul;65(7):1071-4

Understanding and solving word arithmetic problems. Kintsch W, et al. **Psychol Rev** 1985 Jan;92(1):109-29

[Discrimination and artificial intelligence] Mařík V, et al. **Cas Lek Cesk** 1985 Jun 14;124(24):737-41 (Eng. Abstr.) **(Cze)**

[Procedure for avoiding problem-solving orientation in verbal conditioning--double agent study] Braun L. **Arch Psychol (Frankf)** 1984;136(3):181-94 (Eng. Abstr.) **(Ger)**

[Expert evaluation of the aptitude for driving in a concept of problem solving. Reflections on the problems of driving aptitude and traffic safety in connection with the new aptitude guidelines] Barthelmess W, et al. **Blutalkohol** 1984 Jan;21(1):71-85 (Eng. Abstr.) **(Ger)**

[Long-term study on the rhythmic behavior of mental performance] Klinker L, et al. **Z Gesamte Hyg** 1984 Nov; 30(11):661-3 (Eng. Abstr.) **(Ger)**

[Development of a questionnaire for problem solving] König F, et al. **Z Klin Psychol Psychopathol Psychother** 1985; 33(1):5-19 (Eng. Abstr.) **(Ger)**

[Effect of intense mental load on night sleep] Kulikovskii VV. **Fiziol Cheloveka** 1985 Mar-Apr;11(2):247-51 **(Rus)**

[Relation between solving an extrapolation task and parameters of the open field in the rat] Pleskacheva MG. **Zh Vyssh Nerv Deiat** 1985 Mar-Apr;35(2):367-9 **(Rus)**

DRUG EFFECTS

Effects of intoxication on alcoholics' marital communication and problem solving. Frankenstein W, et al. **J Stud Alcohol** 1985 Jan;46(1):1-6

PHYSIOLOGY

Cardiovascular responses and problem solving efficiency: their relationship as a function of task difficulty. van Schijndel M, et al. **Biol Psychol** 1985 Feb;20(1):51-65

Hemisphere lateralization of the extrapolation reflex. Bianki VL, et al. **Int J Neurosci** 1985 Jan;25(3-4):195-205

DSIP-like material in brain parts of rats running a complex maze. Kastin AJ, et al. **Physiol Behav** 1984 Sep;33(3):427-32

Heart rate and oxygen consumption during mental arithmetic, a video game, and graded exercise: further evidence of metabolically-exaggerated cardiac adjustments? Turner JR, et al. **Psychophysiology** 1985 May;22(3):261-7

[Hemispheric dominance for speech and calculation: electrophysiologic correlates of left dominance in left handedness] Jung R, et al. **Neuropsychologia** 1984; 22(6):755-75 (Eng. Abstr.) **(Ger)**

[Types of intellectual work capacity in schoolchildren] Pratusevich IuM, et al. **Gig Sanit** 1984 Jul;(7):28-30 (Eng. Abstr.) **(Rus)**

[Behavior of fish in groups presented with an extrapolation problem] Ochinskaia EI. **Zh Vyssh Nerv Deiat** 1984 Nov-Dec;34(6):1116-21 (Eng. Abstr.) **(Rus)**

PROBON see under **PYRIMIDINONES**

PROBUCOL see under **PHENOLS**

PROCAINAMIDE

ADMINISTRATION & DOSAGE

Use of polysaccharides as drug carriers. Dextran and inulin derivatives of procainamide. Schacht E, et al. **Ann NY Acad Sci** 1985;446:199-212

Periodic procainamide for paroxysmal tachycardia. Benson DW Jr, et al. **Circulation** 1985 Jul;72(1):147-52

Limitations of failure of procainamide during electrophysiologic testing to predict response to other medical therapy. Rae AP, et al. **J Am Coll Cardiol** 1985 Aug;6(2):410-6

Ventricular ectopy. Grauer K, et al. **J Fam Pract** 1984 Dec; 19(6):731-3, 737, 741-2 passim

[Treatment of a patient with ergotism (letter)] Schermer BA. **Ned Tijdschr Geneeskd** 1985 Jan 12;129(2):86 **(Dut)**

[Hemodynamic and electrocardiographic studies of the interaction of N-acetylprocainamide and procainamide with digoxin in rabbits] Matusewicz W. **Kardiol Pol** 1984; 27(5):401-7 **(Pol)**

[Quinidine interactions with propranolol, phenytoin, verapamil and procainamide] Halawa B. **Pol Tyg Lek** 1984 Jun 11;39(24):823-6 (Eng. Abstr.) **(Pol)**

[Therapeutic use of electro-aerosols and alternating magnetic fields in cardiac rhythm disorders in children] Karachevtseva TV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar-Apr; (2):37-9 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Severe neutropenia associated with procainamide: comparison of sustained release and conventional preparations. Meyers DG, et al. **Am Heart J** 1985 Jun; 109(6):1393-5

Torsade de pointes associated with elevated N-acetylprocainamide levels. Stratmann HG, et al. **Am Heart J** 1985 Feb;109(2):375-7

Procainamide-induced agranulocytosis with reversible myeloid sensitivity. Nelson JC, et al. **Am J Hematol** 1984; 17(4):427-32

Procainamide, quinidine, and lupus erythematosus [letter] Amadio P Jr, et al. **Ann Intern Med** 1985 Mar;102(3):419

Thrombocytopenia following sustained-release procainamide. Meisner DJ, et al. **Arch Intern Med** 1985 Apr;145(4):700-2

Cerebellar ataxia due to procainamide toxicity. Schwartz AB, et al. **Arch Intern Med** 1984 Nov;144(11):2260-1

Psychosis induced by sustained-release procainamide [letter] Schubert DS, et al. **Can Med Assoc J** 1984 Nov 15; 131(10):1188, 1190

Suspected procainamide-induced angioedema [letter] Ponte CD, et al. **Drug Intell Clin Pharm** 1985 Feb;19(2):139-40

Autoallergic reactions induced by procainamide. Tan EM, et al. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 2):631-4

Antinuclear antibodies as indicators for the procainamide-induced systemic lupus erythematosus-like syndrome and its clinical presentations. Gorsulowsky DC, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):245-53

Procainamide: autoimmune phenomena and acetylator phenotype [letter] Bernstein RE. **N Engl J Med** 1985 Jan 24;312(4):243-4

Neutropenia associated with procainamide [letter] Kimmel DP, et al. **NY State J Med** 1985 May;85(5):197

Torsades de pointes due to n-acetylprocainamide. Stevenson WG, et al. **PACE** 1985 Jul;8(4):528-31

Procainamide-induced agranulocytosis. Reidy TJ, et al. **South Med J** 1984 Dec;77(12):1582–4

Fatal typhlitis secondary to procainamide-induced agranulocytosis. Clary RM, et al. **Va Med** 1984 Nov; 111(11):697–8

[Torsade de pointes induced by anti-arrhythmia agents. Report of 2 cases] Pinho C, et al. **Arq Bras Cardiol** 1984 Apr;42(4):293–5 (Eng. Abstr.) **(Por)**

ANALOGS & DERIVATIVES

Torsade de pointes associated with elevated N-acetylprocainamide levels. Stratmann HG, et al. **Am Heart J** 1985 Feb;109(2):375–7

Polymorphic ventricular tachycardia and ventricular fibrillation due to N-acetyl procainamide. Herre JM, et al. **Am J Cardiol** 1985 Jan 1;55(1):227–8

Disposition of procainamide and N-acetylprocainamide in protein-calorie malnutrition. Jung D, et al. **Drug Metab Dispos** 1985 May–Jun;13(3):359–63

An evaluation of the TDX fluorescence polarization immunoassays for procainamide and n-acetylprocainamide. Sonsalla PK, et al. **J Anal Toxicol** 1985 Jul–Aug;9(4):152–5

Reactivity and possible significance of hydroxylamine and nitroso metabolites of procainamide. Uetrecht JP. **J Pharmacol Exp Ther** 1985 Feb;232(2):420–5

N-acetylprocainamide kinetics during intravenous infusions and subsequent oral doses in patients with coronary artery disease and ventricular arrhythmias. Ludden TM, et al. **Pharmacotherapy** 1985 Jan–Feb;5(1):11–5

Resin hemoperfusion for severe N-acetylprocainamide toxicity in patients with renal failure. Raja R, et al. **Trans Am Soc Artif Intern Organs** 1984;30:18–20

[Synthesis of N-phenylmaleimides. Kinetics of the antifibrillatory action of a derivative of procainamide] Luu-Duc C, et al. **Farmaco [Sci]** 1985 Apr;40(4):253–8 (Eng. Abstr.) **(Fre)**

[Hemodynamic and electrocardiographic studies of the interaction of N-acetylprocainamide and procainamide with digoxin in rabbits] Matusewicz W. **Kardiol Pol** 1984; 27(5):401–7 **(Pol)**

[Comparative studies of the hemodynamic effects of procainamide and N-acetylprocainamide in rabbits] Matusewicz W. **Kardiol Pol** 1984;27(5):393–400 **(Pol)**

ANALYSIS

An evaluation of the TDX fluorescence polarization immunoassays for procainamide and n-acetylprocainamide. Sonsalla PK, et al. **J Anal Toxicol** 1985 Jul–Aug;9(4):152–5

Colorimetric determination of procainamide in injectable preparations. Whitaker JE, et al. **J Pharm Sci** 1984 Aug; 73(8):1184–5

BLOOD

Predicting plasma procainamide concentrations resulting from a sustained-release preparation. DiPersio DM, et al. **Clin Pharm** 1985 Mar–Apr;4(2):186–91

METABOLISM

Concentration-dependent clearance of procainamide in normal subjects. Coyle JD, et al. **Biopharm Drug Dispos** 1985 Apr–Jun;6(2):159–65

Effect of ranitidine on procainamide disposition [letter] Martin BK. **Br J Clin Pharmacol** 1985 Jun;19(6):858–60

Dose and concentration dependent effect of ranitidine on procainamide disposition and renal clearance in man. Somogyi A, et al. **Br J Clin Pharmacol** 1984 Aug; 18(2):175–81

Population pharmacokinetics of procainamide from routine clinical data. Grasela TH, et al. **Clin Pharmacokinet** 1984 Nov–Dec;9(6):545–54

Disposition of procainamide and N-acetylprocainamide in protein-calorie malnutrition. Jung D, et al. **Drug Metab Dispos** 1985 May–Jun;13(3):359–63

Procainamide acetylation in strains of rat and mouse. Roberts SM, et al. **Drug Metab Dispos** 1985 Jul–Aug;13(4):517–9

Procainamide depleted tablets not a cause of death. Griesemer EC. **J Anal Toxicol** 1984 Sep–Oct;8(5):244–5

PHARMACODYNAMICS

Rate-dependent effects of procainamide on His-Purkinje conduction in man. Gang ES, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1525–9

Effects of infarction, procainamide, coupling interval, and cycle length on refractoriness of extrastimuli. Marchlinski FE, et al. **Am J Physiol** 1985 May;248(5 Pt 2):H606–13

Inhibition of pokeweed mitogen-induced B cell differentiation by compounds containing primary amine or hydrazine groups. de Boccardo G, et al. **Clin Exp Immunol** 1985 Jan;59(1):69–76

The effects of lidocaine and procainamide on the sarcolemmal membrane high affinity cyclic AMP phosphodiesterase of rat myocardium. Illiano G, et al. **Gen Pharmacol** 1985; 16(2):115–9

Rate-dependent effects of intravenous lidocaine, procainamide and amiodarone on intraventricular conduction. Morady F, et al. **J Am Coll Cardiol** 1985 Jul; 6(1):179–85

Effect of procainamide on myocardial contractile function and digoxin inotropy. Williams JF Jr, et al. **J Am Coll Cardiol** 1984 Dec;4(6):1184–7

[Comparative studies of the hemodynamic effects of procainamide and N-acetylprocainamide in rabbits] Matusewicz W. **Kardiol Pol** 1984;27(5):393–400 **(Pol)**

[Effect of spilanthol (extracted from jambu) on action potentials. Electric recordings in atrial fiber] Herdy GV, et al. **Arq Bras Cardiol** 1984 Dec;43(6):423–8 (Eng. Abstr.) **(Por)**

POISONING

Resin hemoperfusion for severe N-acetylprocainamide toxicity in patients with renal failure. Raja R, et al. **Trans Am Soc Artif Intern Organs** 1984;30:18–20

THERAPEUTIC USE

Comparative efficacy of oral sotalol and procainamide in patients with chronic ventricular arrhythmias: a multicenter study. Lidell C, et al. **Am Heart J** 1985 May;109(5 Pt 1):970–5

Antiarrhythmic effects of cibenzoline. Miura DS, et al. **Am Heart J** 1985 Apr;109(4):827–33

Combination of procainamide and quinidine for better tolerance and additive effects for ventricular arrhythmias. Kim SG, et al. **Am J Cardiol** 1985 Jul 1;56(1):84–8

Procainamide: clinical pharmacology and efficacy against ventricular arrhythmias. Giardina EG. **Ann NY Acad Sci** 1984;432:177–88 (45 ref.)

Atrial fibrillation in the Wolff-Parkinson-White syndrome: effects of verapamil and procainamide. Laufer N, et al. **Ariz Med** 1985 Mar;42(3):150–3

Effects of long-term procainamide therapy on immunoglobulin synthesis. Yu CL, et al. **Arthritis Rheum** 1985 Mar;28(3):276–84

Efficacy of phenytoin, procainamide, and tocainide in murine genetic myotonia. Aichele R, et al. **Exp Neurol** 1985 Feb; 87(2):377–81

Comparative electrophysiologic effects of intravenous and oral procainamide in patients with sustained ventricular arrhythmias. Marchlinski FE, et al. **J Am Coll Cardiol** 1984 Dec;4(6):1247–54

PROCAINE

Cold ischemic arrest: comparison of calcium-free and calcium-containing solutions. Hendriks FF, et al. **Ann Thorac Surg** 1985 Apr;39(4):312–7

The influence of local anesthetics on molecular organization in phosphatidylethanolamine membranes. Kelusky EC, et al. **Mol Pharmacol** 1984 Sep;26(2):314–21

[Prevention of motility disorders of the gastrointestinal tract after surgery on the organs of the abdominal cavity] Sandler SA. **Voen Med Zh** 1984 Nov;(11):51–3 **(Rus)**

ADMINISTRATION & DOSAGE

[Experience with the treatment of a septicopyemic form of acute hematogenic osteomyelitis in children using intra-arterial infusions of antibiotics] Berezhnoĭ VI, et al. **Klin Khir** 1985;(6):46–8 (Eng. Abstr.) **(Rus)**

[Method of long-term retroperitoneal block in acute pancreatitis] Sakhautdinov VG, et al. **Vestn Khir** 1984 Aug; 133(8):36–8 (Eng. Abstr.) **(Rus)**

[Use of thymalin in the complex treatment of frostbite] Sizonenko VA, et al. **Vestn Khir** 1984 Aug;133(8):86–90 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

[Granuloma formation following intracutaneous administration of procaine-polyvinylpyrrolidone] Bode U, et al. **Hautarzt** 1984 Sep;35(9):474–7 (Eng. Abstr.) **(Ger)**

ANALOGS & DERIVATIVES

Fetal acidosis, 2-chloroprocaine, and epidural anesthesia for cesarean section. Philipson EH, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):322–4

The 2-chloroprocaine test for axillary brachial plexus [letter] Lennon RL. **Anesth Analg** 1985 Jun;64(6):646

Cell membrane fusion by chloroprocaine. Seravalli EP, et al. **Anesth Analg** 1984 Nov;63(11):985–90

Retrobulbar anesthesia in strabismus surgery. II. Use of a short-acting anesthetic agent. Szmyd SM, et al. **Arch Ophthalmol** 1985 Jun;103(6):809–10

Neurological toxicity of the subarachnoid infusion of bupivacaine, lignocaine or 2-chloroprocaine in the rat. Li DF, et al. **Br J Anaesth** 1985 Apr;57(4):424–9

Three per cent 2-chloroprocaine for caesarean section: appraisal of a standardized dose technique. Writer WD, et al. **Can Anaesth Soc J** 1984 Sep;31(5):559–64

Effect of topical anaesthesia on corneal epithelial fragility. Carney LG, et al. **Int Ophthalmol** 1984 Jun;7(2):71–3

[Effect of procaine, nicotinoylprocaine and butacaine on mammalian cells in culture] Müller WH, et al. **Arzneimittelforsch** 1984;34(10):1250–3 (Eng. Abstr.) **(Ger)**

ANALYSIS

Partition behavior of procaine and p-aminobenzoic acid in pentanol/water and ethyl acetate/water systems. Okada S, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3287–90

A comparative study of procaine estimation in procaine penicillin G by chloroform extraction method and spectrophotometric method. Pillai CB, et al. **Hindustan Antibiot Bull** 1984 Aug–Nov;26(3–4):142–4

BLOOD

Serum levels of procaine in human after peri-oral injections. Gadalla MA, et al. **Pharmazie** 1985 Feb;40(2):118–20

[Ultrastructure of the membranes of the novocaine segregation zones in nucleated erythrocytes] Komissarchik IaIu, et al. **Dokl Akad Nauk SSSR** 1984 Nov–Dec; 279(1):223–5 **(Rus)**

[ATPase activity of the novocaine segregation zones isolated from the erythrocytes of the common frog] Bulychev AG, et al. **Tsitologiia** 1985 Feb;27(2):196–202 (Eng. Abstr.) **(Rus)**

[Effect of metabolic inhibitors on formed novocaine and neutral red segregation zones in frog erythrocytes] Veselkina MN, et al. **Tsitologiia** 1985 Apr;27(4):433–9 (Eng. Abstr.) **(Rus)**

CEREBROSPINAL FLUID

Spinal fluid concentrations of mepivacaine in horses and procaine in cows after thoracolumbar subarachnoid analgesia. Skarda RT, et al. **Am J Vet Res** 1985 May; 46(5):1020–4

DIAGNOSTIC USE

Basic science and clinical aspects of procaine HCl as a limbic system excitant. Adamec RE, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985; 9(2):109–19

ISOLATION & PURIFICATION

Effect of pH on charcoal adsorption of lidocaine, methadone, pilocarpine, and procaine. Judis J. **J Pharm Sci** 1985 Apr; 74(4):476–7

METABOLISM

NMR parameters of local anesthetics as biological markers of the cell-virus interactions. Valensin PE, et al. **Arch Virol** 1985;83(3–4):241–9

Evidence for distinct carboxylesterases/amidases for hydrolytic metabolism of procaine, acetanilide and 2-acetylaminofluorene. Ali B, et al. **Proc West Pharmacol Soc** 1984;27:259–63

PHARMACODYNAMICS

Effects of procaine on the isolated dog coronary artery. Imai S, et al. **Arch Int Pharmacodyn Ther** 1984 Sep;271(1):98–105

Augmentation of human antibody-dependent cellular cytotoxicity and mononuclear phagocytosis by procaine. Olinescu A, et al. **Arch Roum Pathol Exp Microbiol** 1985 Jan–Mar;44(1):63–72

Comparison of the effects of caffeine and procaine on noradrenergic transmission in the guinea-pig mesenteric artery. Fujii K, et al. **Br J Pharmacol** 1985 Mar;84(3):675–84

Development of thermotolerance in mouse fibroblast LM cells with modified membranes and after procaine treatment. Konings AW. **Cancer Res** 1985 May; 45(5):2016–9

The effect of local anesthetics on calcium transport across the rat and turtle small intestine. Nassar CF, et al. **Comp Biochem Physiol** [A] 1984;79(3):335–8

Differential effects of phenylbutazone and local anesthetics on nociception in the equine. Kamerling SG, et al. **Eur J Pharmacol** 1984 Dec 15;107(1):35–41

Dual effect of procaine in sea urchin eggs. Inducer and inhibitor of microtubule assembly. Coffe G, et al. **Exp Cell Res** 1985 Jan;156(1):175–81

envZ mediates transcriptional control by local anesthetics but is not required for osmoregulation in Escherichia coli. Villarejo M, et al. **J Bacteriol** 1984 Sep;159(3):883–7

The role of cardioplegic solution buffering in myocardial protection. A biochemical and histopathological assessment. del Nido PJ, et al. **J Thorac Cardiovasc Surg** 1985 May;89(5):689–99

Augmentation of peritoneal dialysis clearance with procaine. Breborowicz A, et al. **Kidney Int** 1984 Oct;26(4):392–6

Effects of procaine on the oxidative phosphorylation of brain mitochondria from senescent rats. Bai F, et al. **Mech Ageing Dev** 1984 Aug;26(2–3):277–82

Procaine effect on the active and passive ionic transport through isolated epithelia. Rucăreanu C, et al. **Physiologie** 1985 Apr–Jun;22(2):109–15

[Effect of procaine, nicotinoylprocaine and butacaine on mammalian cells in culture] Müller WH, et al. **Arzneimittelforsch** 1984;34(10):1250–3 (Eng. Abstr.) **(Ger)**

[Procaine as a biologically active substance--its effects on the uterus mucosa and tongue epithelium of rats] Jakubetz A. **ZFA** 1985 Mar–Apr;40(2):67–77 **(Ger)**

[Action of rutoside and procaine-rutin on membrane potentials] Neacşu I, et al. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct–Dec; 88(4):677–80 (Eng. Abstr.) **(Rum)**

[The effect of procaine on calcium channels and excitation-contraction coupling of muscle membranes with calcium electrogenesis] Zacharová D, et al. **Bratisl Lek Listy** 1985 Mar;83(3):252–64 (Eng. Abstr.) **(Slo)**

TOXICITY

Contact dermatitis from novocaine in Gerovital cream. Goitre M, et al. **Contact Dermatitis** 1985 Apr;12(4):234–5

PROCAINE AMIDE see **PROCAINAMIDE**

PROCARBAZINE

ADMINISTRATION & DOSAGE

Efficacy of a cyclophosphamide–procarbazine–antithymocyte serum regimen for prevention of graft rejection following bone marrow transplantation for transfused patients with aplastic anemia. Smith BR, et al. **Transplantation** 1985 Jun; 39(6):671–3

METABOLISM

Metabolic activation of the terminal N–methyl group of N–isopropyl–alpha–(2–methylhydrazino)–p–toluamide hydrochloride (procarbazine). Moloney SJ, et al. **Carcinogenesis** 1985 Mar;6(3):397–401

THERAPEUTIC USE

Heart allograft survival in outbred dogs treated with procarbazine hydrochloride and antithymocyte globulin. Dresdale AR, et al. **Transplantation** 1985 Jan;39(1):83–5

TOXICITY

Selected testicular enzymes as biochemical markers for procarbazine–induced testicular toxicity. Shen RS, et al. **Arch Toxicol** 1984 Oct;55(4):233–8

The neuroteratogenicity of procarbazine in the rat: behavioral, morphological, and neurochemical aspects. Johnson JM, et al. **Teratology** 1984 Aug;30(1):1–10

Procarbazine spermatogenesis toxicity: deuterium isotope effects point to regioselective metabolism in mice. Yost GS, et al. **Toxicol Appl Pharmacol** 1985 Sep 15;80(2):316–22

PROCESS ASSESSMENT see **OUTCOME AND PROCESS ASSESSMENT (HEALTH CARE)**

PROCETOFEN see under **PROPIONATES**

PROCHLORPERAZINE

ADMINISTRATION & DOSAGE

High–dose intravenous metoclopramide and intermittent intramuscular prochlorperazine and diazepam in the management of emesis induced by cis–dichlorodiammineplatinum.ˇ Luesley DM, et al. **Cancer Chemother Pharmacol** 1985;14(3):250–2

ADVERSE EFFECTS

Akathisia from prochlorperazine [letter] Weiden P. **JAMA** 1985 Feb 1;253(5):635

Hypertension and intravenous antidopaminergic drugs [letter] Roche H, et al. **N Engl J Med** 1985 Apr 25;312(17):1125–6

THERAPEUTIC USE

A comparison of the antiemetic efficacy of prochlorperazine and metoclopramide for the treatment of cisplatin–induced emesis: a prospective, randomized, double–blind study. Carr BI, et al. **J Clin Oncol** 1985 Aug;3(8):1127–32

Vomiting after anaesthesia for termination of pregnancy in Chinese. Chan SC, et al. **Singapore Med J** 1983 Dec; 24(6):360–2

[Cisplatin drug therapy. Antiemetic treatment. Experiences with the use of high–dose metoclopramide combined with chlopromazine and prochlorperazine] Aasebø U, et al. **Tidsskr Nor Laegeforen** 1985 Jan 20;105(2):148–9 (Eng. Abstr.) **(Nor)**

PROCOLLAGEN

Primary structure of the telopeptide and a portion of the helical domain of chicken type II procollagen as determined by DNA sequence analysis. Deák F, et al. **Biochem J** 1985 Jul 1;229(1):189–96

Construction and identification of a cDNA clone for human type II procollagen mRNA. Elima K, et al. **Biochem J** 1985 Jul 1;229(1):183–8

ANALYSIS

Radioimmunoassay for the amino–terminal sequences of type III procollagen in human body fluids measuring fragmented precursor sequences. Pierard D, et al. **Anal Biochem** 1984 Aug 15;141(1):127–36

Radioimmunoassays for type III procollagen amino–terminal peptides in humans. Niemelä O. **Clin Chem** 1985 Aug; 31(8):1301–4

N–terminal procollagen peptide and beta 2–microglobulin in synovial fluids from inflammatory and non–inflammatory joint diseases. Gressner AM, et al. **Clin Chim Acta** 1984 Aug 31;141(2–3):241–5

ANTAGONISTS & INHIBITORS

Modulation of procollagen gene expression by retinoids. Inhibition of collagen production by retinoic acid accompanied by reduced type I procollagen messenger ribonucleic acid levels in human skin fibroblast cultures. Oikarinen H, et al. **J Clin Invest** 1985 May;75(5):1545–53

BIOSYNTHESIS

Fibroblast procollagen production rates in vitro based on [3H]hydroxyproline production and procollagen hydroxyproline specific activity. Clark JG, et al. **Anal Biochem** 1984 Aug 1;140(2):478–85

Modulation of type–IV procollagen and laminin production in A431 human squamous epidermoid carcinoma cells by 12–O–tetradecanoylphorbol–13–acetate (TPA) and epidermal growth factor (EGF). Panneerselvam M, et al. **Arch Dermatol Res** 1985;277(5):377–83

Collagen synthesis regulation by the aminopropeptide of procollagen I in normal and scleroderma fibroblasts. Perlish JS, et al. **Arthritis Rheum** 1985 Jun;28(6):647–51

Biosynthesis and in vitro translation of type IV procollagens. Sawhney RS, et al. **Eur J Biochem** 1985 Aug 15;151(1):11–6

Prolyl hydroxylase production can be uncoupled from the regulation of procollagen synthesis. Kao WW, et al. **Exp Cell Res** 1985 Mar;157(1):265–70

Synthesis of an altered type III procollagen in a patient with type IV Ehlers–Danlos syndrome. A structural change in the alpha 1(III) chain which makes the protein more susceptible to proteinases. Stolle CA, et al. **J Biol Chem** 1985 Feb 10;260(3):1937–44

Intracellular features of type II procollagen and chondroitin sulfate proteoglycan synthesis in chondrocytes. Vertel BM, et al. **J Cell Biochem** 1985;27(3):215–29

Collagen biosynthesis in systemic scleroderma: regulation of posttranslational modifications and synthesis of procollagen in cultured fibroblasts. Peltonen L, et al. **J Invest Dermatol** 1985 Jan;84(1):14–8

Supramolecular assemblies of mRNA direct the coordinated synthesis of type I procollagen chains. Veis A, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3693–7

BLOOD

Diagnostic value of serum procollagen peptide measurements in alcoholic liver disease. Savolainen ER, et al. **Alcoholism (NY)** 1984 Jul–Aug;8(4):384–9

Serum procollagen–III as indicator of therapeutic effect in children treated for somatotropin deficiency [letter] Lindstedt G, et al. **Clin Chem** 1984 Nov;30(11):1879–80

Enzyme immunoassay for pregnancy–associated plasma protein–A. MacDonald DJ, et al. **Clin Chem** 1984 Nov; 30(11):1848–50

Type III procollagen peptide and PZ–peptidase serum levels in pre–cirrhotic liver diseases. Morelli A, et al. **Clin Chim Acta** 1985 May 30;148(2):87–95

Variation in serum type III procollagen peptide with age in healthy subjects and its comparative value in the assessment of disease activity in children and adults with chronic active hepatitis. Trivedi P, et al. **Eur J Clin Invest** 1985 Apr;15(2):69–74

Serum type III procollagen peptide in alcoholic liver disease and idiopathic hemochromatosis: its relationship to hepatic fibrosis, activity of the disease and iron overload. Colombo M, et al. **Hepatology** 1985 May–Jun;5(3):475–9

The N–terminal propeptide of collagen type III in serum reflects activity and degree of fibrosis in patients with chronic liver disease. Frei A, et al. **Hepatology** 1984 Sep–Oct;4(5):830–4

A radioimmunoassay procedure for type III procollagen: its use in the detection of hepatic fibrosis. Galambos MR, et al. **Hepatology** 1985 Jan–Feb;5(1):38–42

The blue glass and the predictive value of serum amino–terminal propeptide of type III procollagen as a marker of liver fibrosis. Rojkind M. **Hepatology** 1984 Sep–Oct;4(5):977–8

Long–term follow–up of serum N–terminal propeptide of collagen type III levels in patients with chronic liver disease. Weigand K, et al. **Hepatology** 1984 Sep–Oct; 4(5):835–8

Steroid treatment lowers hepatic fibroplasia, as explored by serum aminoterminal procollagen III peptide, in chronic liver disease. Ballardini G, et al. **Liver** 1984 Dec;4(6):348–52

Radioimmunoassay for type I procollagen in growth hormone–deficient children before and during treatment with growth hormone. Carey DE, et al. **Pediatr Res** 1985 Jan;19(1):8–11

Serum type III procollagen peptide concentration in cryptogenic fibrosing alveolitis and its clinical relevance. Kirk JM, et al. **Thorax** 1984 Oct;39(10):726–32

[Development of polycythemia to myelofibrosis. Monitoring by the assay of the procollagen III amino–propeptide] Arrago JP, et al. **Presse Med** 1984 Nov 10;13(40):2429–32 (Eng. Abstr.) **(Fre)**

[Diagnostic values of serum type III procollagen N–terminal peptide in type IV gastric cancer] Akazawa S, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):861–6 (Eng. Abstr.) **(Jpn)**

[Clinical significance of type I and III procollagen peptide levels in the sera of patients with scirrhous carcinoma of stomach] Kohda K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Nov; 81(11):2729–37 (Eng. Abstr.) **(Jpn)**

[Serum level of procollagen–type III–N prepeptide in primary biliary cirrhosis] Saitoh K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):2063 **(Jpn)**

[Serum type III procollagen peptide in tissue fibrosis] Maruyama K. **Rinsho Byori** 1985 Jan;33(1):27–32 **(Jpn)**

[Serum type III procollagen peptide in patients with pneumoconiosis] Okazaki I, et al. **Sangyo Ika Daigaku Zasshi** 1983 Dec 1;5(4):461–7 (Eng. Abstr.) **(Jpn)**

CLASSIFICATION

Identification of type II procollagen in rabbit vitreous. Hong BS, et al. **Ophthalmic Res** 1985;17(3):162–7

DEFICIENCY

The clinical features of homozygous alpha 2(I) collagen deficient osteogenesis imperfecta. Nicholls AC, et al. **J Med Genet** 1984 Aug;21(4):257–62

GENETICS

Ehlers–Danlos syndrome IV due to a novel defect in type III procollagen. Pyeritz RE, et al. **Am J Med Genet** 1984 Nov;19(3):607–22

Demethylation of the type I procollagen genes in transformed fibroblasts treated with 5–azacytidine. Parker MI, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):236–43

Copy number of the chicken type II procollagen gene. Sheffield VC, et al. **Coll Relat Res** 1985 Jan;5(1):1–8

Quantitation of type II procollagen mRNA levels during chick limb cartilage differentiation. Kravis D, et al. **Dev Biol** 1985 Mar;108(1):164–72

Detection of a high frequency RsaI polymorphism in the human pro alpha 2(I) collagen gene which is linked to an autosomal dominant form of osteogenesis imperfecta. Grobler–Rabie AF, et al. **EMBO J** 1985 Jul;4(7):1745–8

Regulation of type I collagen synthesis. Total pro alpha 1(I) and pro alpha 2(I) mRNAs are maintained in a 2:1 ratio under varying rates of collagen synthesis. Vuust J, et al. **Eur J Biochem** 1985 Sep 16;151(3):449–53

Immune interferon inhibits collagen synthesis by rheumatoid synovial cells associated with decreased levels of the procollagen mRNAs. Stephenson ML, et al. **FEBS Lett** 1985 Jan 21;180(1):43–50

Two new polymorphic markers in the human pro alpha 2(1) collagen gene. Brebner DK, et al. **Hum Genet** 1985; 70(1):25–7

Regional chromosome mapping of human collagen genes alpha 2(I) and alpha 1(I) (COLIA2 and COLIA1). Retief E, et al. **Hum Genet** 1985;69(4):304–8

Altered triple helical structure of type I procollagen in lethal perinatal osteogenesis imperfecta. Bonadio J, et al. **J Biol Chem** 1985 Feb 10;260(3):1734–42

Fine structural analysis of the human pro–alpha 1 (I) collagen gene. Promoter structure, AluI repeats, and polymorphic transcripts. Chu ML, et al. **J Biol Chem** 1985 Feb 25; 260(4):2315–20

A heterozygous collagen defect in a variant of the Ehlers–Danlos syndrome type VII. Evidence for a deleted amino–telopeptide domain in the pro–alpha 2(I) chain. Eyre DR, et al. **J Biol Chem** 1985 Sep 15;260(20):11322–9

Synthesis and degradation of type I procollagen mRNAs in cultured human skin fibroblasts and the effect of cortisol. Hämäläinen L, et al. **J Biol Chem** 1985 Jan 25;260(2):720–5

Structure of the promoter of the rat type II procollagen gene. Kohno K, et al. **J Biol Chem** 1985 Apr 10;260(7):4441–7

Complete primary structure of the human alpha 2 type V procollagen COOH–terminal propeptide. Myers JC, et al. **J Biol Chem** 1985 Sep 15;260(20):11216–22

cDNA clones coding for the pro–alpha1(IV) chain of human type IV procollagen reveal an unusual homology of amino acid sequences in two halves of the carboxyl–terminal domain. Pihlajaniemi T, et al. **J Biol Chem** 1985 Jun 25; 260(12):7681–7

Osteogenesis imperfecta: cloning of a pro–alpha 2(I) collagen gene with a frameshift mutation. Pihlajaniemi T, et al. **J Biol Chem** 1984 Nov 10;259(21):12941–4

A heterozygous defect for structurally altered pro–alpha 2 chain of type I procollagen in a mild variant of osteogenesis imperfecta. The altered structure decreases the thermal stability of procollagen and makes it resistant to procollagen N–proteinase. Sippola M, et al. **J Biol Chem** 1984 Nov 25;259(22):14094–100

A 38 base pair insertion in the pro alpha 2(I) collagen gene of a patient with Marfan syndrome. Henke E, et al. **J Cell Biochem** 1985;27(2):169–74

Expression of type I and III collagen genes during differentiation of embryonic chicken myoblasts in culture. Gerstenfeld LC, et al. **Mol Cell Biol** 1984 Aug;4(8):1483–92

Subtle structural alterations in the chains of type I procollagen produce osteogenesis imperfecta type II. Bonadio J, et al. **Nature** 1985 Jul 25–31;316(6026):363–6

Analysis of the promoter region and the N–propeptide domain of the human pro alpha 2(I) collagen gene. Dickson LA, et al. **Nucleic Acids Res** 1985 May 24;13(10):3427–38

Molecular cloning and carboxyl–propeptide analysis of human type III procollagen. Loidl HR, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9383–94

Isolation and partial characterization of the entire human pro alpha 1(II) collagen gene. Sangiorgi FO, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2207–25

Translation of type IV procollagen messenger RNA from cultured cat retinal pigment epithelial cells. Shen S, et al. **Ophthalmic Res** 1985;17(4):216–20

Restricted homology between human alpha 1 type IV and other procollagen chains. Brinker JM, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3649–53

Human alpha 1(III) and alpha 2(V) procollagen genes are located on the long arm of chromosome 2. Emanuel BS, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3385-9

Nonrandom association of a type II procollagen genotype with achondroplasia. Eng CE, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5465-9

Altered steady-state ratio of type I/III procollagen mRNAs correlates with selectively increased type I procollagen biosynthesis in cultured keloid fibroblasts. Uitto J, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5935-9

Localization of human type II procollagen gene (COL2A1) to chromosome 12. Strom CM, et al. **Somatic Cell Mol Genet** 1984 Nov;10(6):651-5

ISOLATION & PURIFICATION

A single-step gel-filtration method for the isolation of procollagens from cell culture conditioned medium. Holderbaum D, et al. **Anal Biochem** 1984 Aug 1; 140(2):380-5

METABOLISM

A method for the measurement and characterization of protease activities responsible for extracellular or intracellular degradation of collagen precursors. Farjanel J, et al. **Biochem Biophys Res Commun** 1984 Sep 28; 123(3):1002-11

Processed and non-processed forms of procollagens. Timpl R. **Biochem Soc Trans** 1984 Dec;12(6):924-7

Sequential cleavage of type I procollagen by procollagen N-proteinase. An intermediate containing an uncleaved pro alpha 1(I) chain. Berger J, et al. **Biochemistry** 1985 Jan 29;24(3):600-5

Studies on the molecular composition and degradation of type IV procollagen. Tryggvason K, et al. **Ciba Found Symp** 1984;108:117-29

Regulation of the mammalian collagenases. Harris ED Jr, et al. **Coll Relat Res** 1984 Dec;4(6):493-512 (120 ref.)

Peptide-maps of procollagen (I) from corneas and tendons of 17-day-old chick embryos. Kao WW. **Curr Eye Res** 1985 Feb;4(2):79-86

Coated vesicles purified from chick tendon fibroblasts contain newly synthesized type I procollagen. Goldenberg R, et al. **Exp Cell Res** 1985 Mar;157(1):41-9

Type I procollagen N-proteinase from whole chick embryos. Cleavage of a homotrimer of pro-alpha 1(I) chains and the requirement for procollagen with a triple-helical conformation. Tanzawa K, et al. **J Biol Chem** 1985 Jan 25;260(2):1120-6

Enzymes converting procollagens to collagens. Peltonen L, et al. **J Cell Biochem** 1985;28(1):15-21 (70 ref.)

Enhanced intracellular procollagen degradation in skins of streptozotocin-induced diabetic rats: a causal relationship to underhydroxylation. Schneir M, et al. **Prog Clin Biol Res** 1985;180:667-8

[Development of polycythemia to myelofibrosis. Monitoring by the assay of the procollagen III amino-propeptide] Arrago JP, et al. **Presse Med** 1984 Nov 10;13(40):2429-32 (Eng. Abstr.) **(Fre)**

PHYSIOLOGY

Collagen synthesis regulation by the aminopropeptide of procollagen I in normal and scleroderma fibroblasts. Perlish JS, et al. **Arthritis Rheum** 1985 Jun;28(6):647-51

SECRETION

Effect of monensin on secretion of basement membrane collagen by cultured rabbit corneal endothelial cells in comparison with rabbit tendon fibroblasts. Kay EP, et al. **Connect Tissue Res** 1984;12(3-4):179-90

Procollagen secretion meets the minimum requirements for the rate-controlling step in the ascorbate induction of procollagen synthesis. Schwarz RI. **J Biol Chem** 1985 Mar 10;260(5):3045-9

PROCOLLAGEN PEPTIDASE see under **PEPTIDE PEPTIDOHYDROLASES**

PROCONVERTIN see **FACTOR VII**

PROCTITIS

CLASSIFICATION

Classification of paraproctitis] Petrov VP, et al. **Voen Med Zh** 1984 Dec;(12):28-30 **(Rus)**

COMPLICATIONS

herapeutic tactics in anorectal complications of Crohn's disease] Kirkin BV, et al. **Khirurgiia (Mosk)** 1985 Feb; 2):104-7 **(Rus)**

ealing a fistulous tract during surgical treatment of chronic paraproctitis] Stepanov AA. **Khirurgiia (Mosk)** 1984 Nov; 11):128 **(Rus)**

naerobic infection in peacetime] Kulevnik II, et al. **Vestn Khir** 1985 Jan;134(1):129-31 **(Rus)**

oxic megacolon in a patient with ulcerous proctitis (letter)] Accarino A, et al. **Med Clin (Barc)** 1985 Jun 22;85(4):167 **(Spa)**

DIAGNOSIS

e differential diagnosis of infectious proctitis and ulcerative colitis. A prospective study] Ovesen L, et al. **Ugeskr Laeger** 1985 May 27;147(22):1758-60 (Eng. Abstr.) **(Dan)**

[Acute proctitis] Rasmussen SN, et al. **Ugeskr Laeger** 1985 May 27;147(22):1753-7 (Eng. Abstr.) **(Dan)**

[Clinical aspects and diagnosis of anorectal gonorrhea] Mastbaum MD, et al. **Vestn Dermatol Venerol** 1984 Oct; (10):75-8 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Comparative study of ceftriaxone and spectinomycin for treatment of pharyngeal and anorectal gonorrhea. Judson FN, et al. **JAMA** 1985 Mar 8;253(10):1417-9

ETIOLOGY

Group A streptococcal proctitis and vulvovaginitis in a prepubertal girl. Figueroa-Colón R, et al. **Pediatr Infect Dis** 1984 Sep-Oct;3(5):439-42

[Anorectal complications of Crohn disease (review of the literature)] Kirkin BV, et al. **Khirurgiia (Mosk)** 1984 Dec; (12):139-43 (30 ref.) **(Rus)**

MICROBIOLOGY

Proctitis associated with Neisseria cinerea misidentified as Neisseria gonorrhoeae in a child. Dossett JH, et al. **J Clin Microbiol** 1985 Apr;21(4):575-7

[Hemorrhagic proctitis in male homosexuals caused by Chlamydia trachomatis] Christophersen J, et al. **Ugeskr Laeger** 1985 Apr 22;147(17):1407-9 (Eng. Abstr.) **(Dan)**

PATHOLOGY

[Segmental chlamydia proctitis] Cremer H, et al. **Leber Magen Darm** 1985 May;15(3):117-20 (Eng. Abstr.) **(Ger)**

[Anaerobic paraproctitis] Kharaberiush VA, et al. **Klin Khir** 1985 Jan;(1):66-7 **(Rus)**

RADIOGRAPHY

[Computerized tomography in the diagnosis of abscesses in the small pelvis] Gabuniia RI, et al. **Sov Med** 1985;(1):42-3 **(Rus)**

REHABILITATION

[Rehabilitation of patients with chronic paraproctitis] Aminev AM, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):71-4 (Eng. Abstr.) **(Rus)**

SURGERY

Parks' coloanal pull-through anastomosis for severe, complicated radiation proctitis. Gazet JC. **Dis Colon Rectum** 1985 Feb;28(2):110-4

[Clinical forms, course and treatment of acute anaerobic paraproctitis] Datsenko BM, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):61-4 (Eng. Abstr.) **(Rus)**

[Complex treatment of patients with acute paraproctitis] Sakhautdinov VG, et al. **Vestn Khir** 1985 Feb;134(2):52-5 (Eng. Abstr.) **(Rus)**

THERAPY

[Acute ischio- and pelvorectal paraproctitis. Various questions concerning the clinical picture and therapy] Korzh VN, et al. **Sov Med** 1984;(12):90-4 **(Rus)**

PROCTOCOLITIS see under **COLITIS**

PROCTOLOGY see **COLON AND RECTAL SURGERY (SPECIALTY)**

PROCTOSCOPY

ADVERSE EFFECTS

[Rectal perforation by a retroperitoneal barium infiltration. Surgical therapy] Brandt W, et al. **Zentralbl Chir** 1984; 109(19):1273-6 **(Ger)**

INSTRUMENTATION

Endoscopic surgery in the rectum. Buess G, et al. **Endoscopy** 1985 Jan;17(1):31-5

[Is rigid rectoscopy obsolete?] Buchmann P, et al. **Chirurg** 1985 Jun;56(6):403-7 (Eng. Abstr.) **(Ger)**

[A system for a transanal endoscopic rectum operation] Buess G, et al. **Chirurg** 1984 Oct;55(10):677-80 **(Ger)**

[Rectoscopy: rigid or flexible? A comparative study] Classen M, et al. **Dtsch Med Wochenschr** 1985 Mar 22;110(12):445-8 (Eng. Abstr.) **(Ger)**

[Rectoscopy and sigmoidoscopy--new instruments] Phillip J, et al. **Internist (Berlin)** 1985 Jan;26(1):6-8 **(Ger)**

[An improved proctoscope] Pavlovskiĭ MP, et al. **Klin Khir** 1985 Feb;(2):57 **(Rus)**

METHODS

[Value of rectoscopy in basic ambulatory care--in the integration of general and special dispensary care] Perlin L, et al. **Z Arztl Fortbild (Jena)** 1984;78(21):901-3 **(Ger)**

UTILIZATION

Sigmoidoscopy/proctoscopy service with open access to general practitioners. Donald IP, et al. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):759-61

PROCTOSIGMOIDOSCOPY see **SIGMOIDOSCOPY**

PROCYCLIDINE see under **PYRROLIDINES**

PRODIGIOSIN

ANALOGS & DERIVATIVES

Identification of a red pigment from Streptomyces coelicolor A3(2) as a mixture of prodigiosin derivatives. Tsao SW, et al. **J Antibiot (Tokyo)** 1985 Jan;38(1):128-31

BIOSYNTHESIS

Decrease in respiration activity related to prodigiosin synthesis in Serratia marcescens. Kobayashi N, et al. **Microbiol Immunol** 1985;29(4):301-8

PRODIGIOZAN see under **POLYSACCHARIDES, BACTERIAL**

PRODINE see **ALPHAPRODINE**

PRODUCT LABELING

The deterrent effect of poison-warning stickers. Vernberg K, et al. **Am J Dis Child** 1984 Nov;138(11):1018-20

WARNING: new umbilical catheter [letter] Richardson D, et al. **J Pediatr** 1984 Nov;105(5):848

Labelling alcoholic drinks [letter] Wallace P, et al. **Lancet** 1985 May 4;1(8436):1044-5

PRODUCT LABELING, DRUG see **DRUG LABELING**

PRODUCT LABELING, FOOD see **FOOD LABELING**

PRODUCT SAFETY, CONSUMER see **CONSUMER PRODUCT SAFETY**

PRODUCT SURVEILLANCE, POSTMARKETING see under **EVALUATION STUDIES**

PRODUCTIVITY see **EFFICIENCY**

PROENZYMES see **ENZYME PRECURSORS**

PROESTRUS see under **ESTRUS**

PROFADOL see under **PYRROLIDINES**

PROFESSIONAL COMPETENCE

Hierarchy of competencies relating to the use of standardized instruments and evaluation techniques by occupational therapists. Maurer P, et al. **Am J Occup Ther** 1984 Dec; 38(12):803-4

Learning to practice ethically synonymous with being a professional. Thompson HO, et al. **AORN J** 1984 Nov; 40(5):778-82

UTD Competency Based Evaluation System. Lougeay-Mottinger J, et al. **ASHA** 1984 Nov;26(11):39-43

Will they fly again? The probability of wounded military aviators returning to flying duty: a study of 70 cases. Dreyfuss UY, et al. **Aviat Space Environ Med** 1985 Jul; 56(7):702-8

FFARCS examination from 1985. Rosen M. **Br J Hosp Med** 1985 May;33(5):281-2

Information science and the general professional education of the physician [letter] **Can Med Assoc J** 1985 Apr 1; 132(7):733, 735

Competencies necessary for instructing migrant handicapped students. Salend SJ, et al. **Except Child** 1984 Sep;51(1):50-5

PPS prompts focus on multiple job skills. **Hospitals** 1985 Sep 1;59(17):66

Director of nursing effectiveness. DON and CEO perspectives and implications for education. Freund CM. **J Nurs Adm** 1985 Jun;15(6):25-30

Systematic faculty evaluation: a growing critical concern. Bobbitt KC. **J Nurs Educ** 1985 Feb;24(2):86-8

Degrees and professionalism [letter] **J Obstet Gynecol Neonatal Nurs** 1985 Mar-Apr;14(2):80, 119

Competencies of Florida school health educators. Sutherland M, et al. **J Sch Health** 1984 Oct;54(9):358-9

Measurement of physician performance by standardized patients. Refining techniques for undetected entry in physicians' offices. Woodward CA, et al. **Med Care** 1985 Aug;23(8):1019-27

Professional misconduct. Morrissey JM. **NY State J Med** 1984 Dec;84(12):608-10

Why should an 'A' student be a better physician than a 'B' student? [editorial] Spaeth GL. **Ophthalmic Surg** 1984 Nov; 15(11):905-6

Physical therapy competencies in rheumatology. Moncur C. **Phys Ther** 1985 Sep;65(9):1365-72

In search of excellence [editorial] Woods JE. **Plast Reconstr Surg** 1985 Jul;76(1):110-1

Credentialing and job practice in environmental health: an empirical study. Cline CS. **Public Health Rep** 1985 Jul–Aug;100(4):427–32

Beyond andragogy. Ubaldi SE. **Radiol Technol** 1985 Jan–Feb; 56(3):146–50

Professionalism and the quality of medical care [editorial] Thomison JB. **South Med J** 1984 Sep;77(9):1071–3

[Yes doctor, I understand that you know nothing about it, but what do you think about it?] Donker PM. **Ned Tijdschr Geneeskd** 1985 May 25;129(21):984–5 (Dut)

[Medical professional skill––broader, thinner or deeper?] Nikkilä E. **Duodecim** 1985;101(1):8–12 (Fin)

['Professional mistake' in the Federal Republic of Germany] Pribilla O. **Rev Med Suisse Romande** 1984 Nov; 104(11):867–70 (Fre)

STANDARDS

Competency requirements and a two–tiered membership. Wild BW. **Am J Optom Physiol Opt** 1984 Sep;61(9):561–3

Nursing care: professional progress. Pembrey S. **J Adv Nurs** 1984 Nov;9(6):539–47

Competency mandate: a model for teaching skills in the administration of the WAIS–R. Fantuzzo JW, et al. **J Clin Psychol** 1984 Jul;40(4):1053–9

Evaluation of student performance in psychotherapy. Rosenbaum DN. **J Clin Psychol** 1984 Jul;40(4):1106–11

PROFESSIONAL CORPORATIONS see under **PROFESSIONAL PRACTICE**

PROFESSIONAL–FAMILY RELATIONS

An innovative approach to working with parents. Martin BJ, et al. **ASDC J Dent Child** 1984 Nov–Dec;51(6):434–7

The widow's rejection. Colquhoun JP. **Aust Fam Physician** 1984 Aug;13(8):597

Processes influencing linkages between preschool handicap classrooms and homes. Fuqua RW, et al. **Except Child** 1985 Jan;51(4):307–14

Effects of variables on parental perceptions of staffings. Witt JC, et al. **Except Child** 1984 Sep;51(1):27–32

Changing teams/changing families. de Shazer S, et al. **Fam Process** 1984 Dec;23(4):481–6

A consultation method addressing the therapist–family system. van Trommel MJ. **Fam Process** 1984 Dec; 23(4):469–80

Agency–family collaboration. Simmons KH, et al. **Gerontologist** 1985 Aug;25(4):343–6

Intrauterine treatment: meeting the psychosocial needs of the family. Furlong RM, et al. **Health Soc Work** 1985 Winter; 10(1):55–62

Working with the family of a critically ill child. Broome ME. **Heart Lung** 1985 Jul;14(4):368–72

Disclosing diagnosis: a parent's view [letter] Garatt MW. **Hosp Community Psychiatry** 1985 Feb;36(2):191

Strengthening family 'interference'. Robinson CA, et al. **J Adv Nurs** 1984 Nov;9(6):597–602

Relationships with the medical staff and aspects of satisfaction with care expressed by parents of children with cancer. Barbarin OA, et al. **J Community Health** 1984 Summer; 9(4):302–13

Family awareness demonstrated by family practice residents: physician behavior and patient opinions. Crouch MA, et al. **J Fam Pract** 1985 Mar;20(3):281–4

Communicating with the grieving family. Fuller RL, et al. **J Fam Pract** 1985 Aug;21(2):139–44 (43 ref.)

Meeting family needs following severe head injury: a multidisciplinary approach. Elliott J, et al. **J Neurosurg Nurs** 1985 Apr;17(2):111–3

Participation of parents in child abuse case conferences [letter] Bluett NH. **Lancet** 1985 Sep 21;2(8456):669–70

Assessing and intervening with families of CCU patients. Gaglione KM. **Nurs Clin North Am** 1984 Sep;19(3):427–32

Pediatric clinicians' support for parents makes a difference: an outcome–based analysis of clinician–parent interaction. Wasserman RC, et al. **Pediatrics** 1984 Dec;74(6):1047–53

Paternalism in the neonatal intensive care unit. Strong C. **Theor Med** 1984 Feb;5(1):105–16

[The pediatrician and the family] Dunovský J. **Cesk Pediatr** 1985 Aug;40(8):436–9 (Cze)

[How can the child psychiatrist contribute to the pediatrician's care of the child?] Vichnar M. **Cesk Pediatr** 1985 Aug;40(8):476–7 (Cze)

[The need for follow–up following a death] Pineau H, et al. **Union Med Can** 1984 Nov;113(11):918–9 (Eng. Abstr.) (Fre)

[Patients, families and reform psychiatrists. A study on the relation between relatives of psychiatric patients and personnel of the psychiatric service in the province Arezzo/Italy] Bertram W. **Psychiatr Prax** 1984 Sep; 11(5):151–6 (Eng. Abstr.) (Ger)

PROFESSIONAL–PATIENT RELATIONS

see related
TRUTH DISCLOSURE

The dodo you save may be your own. Hyman J. **Ala Med** 1984 Oct;54(4):9–10, 13

It takes two to tango: some thoughts on the neglected importance of the hypnotist in an interactive hypnotherapeutic relationship. Diamond MJ. **Am J Clin Hypn** 1984 Jul;27(1):3–13

Implications of the Ericksonian and Neurolinguistic programming approaches for responsibility of therapeutic outcomes. Yapko MD. **Am J Clin Hypn** 1984 Oct; 27(2):137–43

Occupational therapy's challenge: the caring relationship. Devereaux EB. **Am J Occup Ther** 1984 Dec;38(12):791–8

Promises to keep: implications of the referent 'patient' versus 'client' for those served by occupational therapy. Sharrott GW, et al. **Am J Occup Ther** 1985 Jun;39(6):401–5

Therapist–client sexual involvement: a challenge for mental health professionals and educators. Bouhoutsos JC. **Am J Orthopsychiatry** 1985 Apr;55(2):177–82

The use and abuse of theory in psychoanalysis. Marcus DM. **Am J Psychoanal** 1985 Spring;45(1):69–75

Separation and loss in psychoanalytic therapy with borderline patients: further remarks. Searles HF. **Am J Psychoanal** 1985 Spring;45(1):9–34

Problems of linguistic insecurity in multicultural speech contexts. Bucci W, et al. **Ann NY Acad Sci** 1984; 433:185–200

Dual perspectives: clients' and therapists' perceptions of therapist responses. Caskey NH, et al. **Br J Clin Psychol** 1984 Nov;23 (Pt 4):281–90

The helping interview in counselling and psychotherapy. Barrett–Lennard GT. **Br J Hosp Med** 1985 May; 33(5):287–90

Interpersonal skills in behavioural psychotherapy: clinical psychology trainees' attitudes. Kowalski R. **Br J Med Psychol** 1984 Dec;57 (Pt 4):381–4

Younger man/older woman: a cautionary tale. Seeman MV. **Br J Med Psychol** 1985 Jun;58 (Pt 2):175–8

Prediction versus reflection in therapist demonstrations of understanding: three analogue experiments. Turkat ID, et al. **Br J Med Psychol** 1984 Sep;57 (Pt 3):235–40

Personal styles, constructive alternativism and the provision of a therapeutic service. Winter DA. **Br J Med Psychol** 1985 Jun;58 (Pt 2):129–35 (31 ref.)

Clinical judgements of self–dramatisation. A test of the sexist hypothesis. Slavney PR, et al. **Br J Psychiatry** 1985 Jun; 146:614–7

Scales to assess the therapeutic alliance from a psychoanalytic perspective. Allen JG, et al. **Bull Menninger Clin** 1984 Sep; 48(5):383–400

The special patient on the medical/surgical ward [letter] Stewart DE. **Can J Psychiatry** 1984 Apr;29(3):284–5

'Wounded healers' can help give hospital patients more humane care [editorial] Morgan PP. **Can Med Assoc J** 1984 Dec 1;131(11):1335–6

Crisis telephone counselors' views of clinical interaction situations. Walfish S. **Community Ment Health J** 1983 Fall; 19(3):219–26

Therapeutic alliance and long–term hospital treatment outcome. Allen JG, et al. **Compr Psychiatry** 1985 Mar–Apr; 26(2):187–94

Empathy in the self/selfobject dyad. Muslin HL. **Hillside J Clin Psychiatry** 1984;6(2):271–84

The experience of patients in conjoint individual and group psychotherapy. Bernard HS, et al. **Int J Group Psychother** 1985 Jan;35(1):129–46

Parallel development of the group and its relationship to the leader: a theoretical explanation. Saravay SM. **Int J Group Psychother** 1985 Apr;35(2):197–207

The clinical validation of therapist interventions in group therapy. Schlachet PJ. **Int J Group Psychother** 1985 Apr; 35(2):225–38

Factors influencing comprehension of information for informed consent: ethical implications for nursing research. Silva MC, et al. **Int J Nurs Stud** 1984;21(4):233–40

Notes on the causes and effects of therapy by parents. Glenn J. **Int J Psychoanal Psychother** 1984–85;10:525–31

Making interpretations and securing the frame: sources of danger for psychotherapists. Langs R. **Int J Psychoanal Psychother** 1984–85;10:3–23

The 'doctor game' revisited: doctor's treatment of their own children. Levin ES. **Int J Psychoanal Psychother** 1984–85; 10:505–24

The relationship of rehabilitation center staff and client endorsement of appropriate client behaviors to outcome. Cook DW. **Int J Rehabil Res** 1984;7(2):143–9

Parameters and the analytic process: a contribution to the theory of the 'mature transference'. Fields M. **J Am Acad Psychoanal** 1985 Jan;13(1):15–33

The role of learning in the psychoanalytic relationship. Greenbaum H. **J Am Acad Psychoanal** 1985 Jan;13(1):1–14

Changing gender stereotyped behavior: role of therapist's personal disclosure. Olarte SW. **J Am Acad Psychoanal** 1985 Apr;13(2):259–67

Sociocultural considerations in the emergence of sexual feelings in male patients seeing female therapists. Zicherman V. **J Am Acad Psychoanal** 1984 Oct; 12(4):545–51

Health care workers who breastfeed: implications for patient management. Auerbach KG, et al. **J Am Med Wom Assoc** 1985 Jul–Aug;40(4):111–5

Those were not the 'good old days'. Glueck HI. **J Am Med Wom Assoc** 1984 Nov–Dec;39(6):203–4

A note on consummation and termination. Calef V, et al. **J Am Psychoanal Assoc** 1983;31(3):643–50

A method for studying the analysis of aspects of the patient's experience of the relationship in psychoanalysis and psychotherapy. Gill MM, et al. **J Am Psychoanal Assoc** 1982;30(1):137–67

The neutrality of the analyst in the analytic situation. Leider RJ. **J Am Psychoanal Assoc** 1984;32(3):573–85

The availability of the analyst. Sidoli M. **J Anal Psychol** 1984 Oct;29(4):355–72

The heart of medical photography. Schuchardt MM. **J Biol Photogr** 1984 Jul;52(3):51–2

Clinical judgement in context: a review of situational factors in person perception during clinical interviews. Cline T. **J Child Psychol Psychiatry** 1985 May;26(3):369–80

Clinical judgments of easy vs. difficult clients by counselor trainees. Berger A, et al. **J Clin Psychol** 1984 Jul; 40(4):1116–22

Characteristics of female clients that influence preference for the socially intimate and nonintimate female psychotherapists. Mindingall MP. **J Clin Psychol** 1985 Mar; 41(2):188–97

Perception of theoretically derived counseling approaches as a function of preference for counseling orientation. Uhlemann MR, et al. **J Clin Psychol** 1984 Jul;40(4):1111–6

Psychological impacts of sexual contact between therapists or other health care practitioners and their clients. Feldman–Summers S, et al. **J Consult Clin Psychol** 1984 Dec;52(6):1054–61

Teaching dental students a proper way of introducing patients to instructors. Cunningham MA, et al. **J Dent Educ** 1984 Sep;48(9):518–9

Mum's the word: confidentiality and incest [clinical conference] Higgs R. **J Med Ethics** 1985 Jun;11(2):100–4

Lay obligations in professional relations. Benjamin M. **J Med Philos** 1985 Feb;10(1):85–103

Development of a scale for measuring techniques in the psychotherapy of borderline patients. Koenigsberg HW, et al. **J Nerv Ment Dis** 1985 Jul;173(7):424–31

Why health–care teams don't change: chronicity and collusion. Goren S, et al. **J Nurs Adm** 1985 Jul–Aug; 15(7–8):9–17

Accent on communication. Poma PA. **JAMA** 1985 Jan 25; 253(4):506

Privy Council upholds GMC penalty of erasure for adultery with a patient. Brahams D. **Lancet** 1985 Jan 26;1(8422):232

Who is serving drug abuse clients: treatment delivery by professionals versus paraprofessionals, by paid staff versus volunteers. Aiken LS, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1985;58:123–45

Informed consent: how much information is enough? Davis AJ. **Nurs Outlook** 1985 Jan–Feb;33(1):40–2

Female or male therapists for women patients: new formulations. Kaplan AG. **Psychiatry** 1985 May; 48(2):111–21

Illness in the therapist: the eye patch. Kriechman AM. **Psychiatry** 1984 Nov;47(4):378–86

Interpersonal behavior and therapeutic progress: therapists and clients rate themselves and each other. Rudy JP, et al. **Psychiatry** 1985 Aug;48(3):264–81

The shared field: a precursor stage in the development of a psychotherapeutic alliance with the hospitalized chronic schizophrenic patient. Selzer MA, et al. **Psychiatry** 1984 Nov;47(4):324–32

The N of 1 Markov chain design as a means of studying the stages of psychotherapy. Tracey TJ. **Psychiatry** 1985 May;48(2):196–204

Countertransference and the myth of the perfectly analyzed analyst. Silverman MA. **Psychoanal Q** 1985 Apr; 54(2):175–99

'Surrogate refusal': the patient's resistance to the analyst as parent substitute. Gorkin M. **Psychoanal Rev** 1984 Nov; 71(3):383–95

Patients' reactions to house staff work rounds. Wise TN, et al. **Psychosomatics** 1985 Aug;26(8):669–72

Patient–therapist sexual contact. I. Psychodynamic perspectives on the causes and results. Apfel RJ, et al. **Psychother Psychosom** 1985;43(2):57–62

Patient–therapist sexual contact. II. Problems of subsequent psychotherapy. Apfel RJ, et al. **Psychother Psychosom** 1985;43(2):63–8

What is caring? Gessler J. **Radiography** 1985 Jan–Feb; 51(595):14–6

Hypertension, perceived clinician empathy, and patient self–disclosure. Dawson C. **Res Nurs Health** 1985 Jun; 8(2):191–8

A cross–cultural study of confidentiality. Lindenthal JJ, et al. **Soc Psychiatry** 1985;20(3):140–4

Cultural differences in reactions to patient behaviour: a comparison of Swedish and Australian health professionals. Westbrook MT, et al. **Soc Sci Med** 1984;19(9):939–47

Sex of provider as a variable in effective genetic counseling. Zare N, et al. **Soc Sci Med** 1984;19(7):671–5

Ethical styles and ethical decisions in health settings. Goldmeier J. **Soc Work Health Care** 1984 Fall;10(1):45–60

Integration of medical and psychosocial needs of the home hemodialysis patient: implications for the nephrology social worker. Peterson KJ. **Soc Work Health Care** 1984 Summer; 9(4):33–44

Client relations in companion animal practice. Dean T. **Vet Rec** 1985 Apr 13;116(15):388–90

[Legal regulations of the citizen–health worker relationship. I] Zeman Z. **Cesk Zdrav** 1985 Jul;33(6–7):256–64 (Eng. Abstr.) (Cze)

[Obstetrical consequences of unresolved mourning over the death of an infant in the perinatal period] Eskes TK.

Ned Tijdschr Geneeskd 1985 Mar 9;129(10):433–6 (Dut)

[The function of bias in psychiatry] Knoll M. **Nervenarzt** 1984 Nov;55(11):574–81 (Ger)

[Children in family therapy. System theoretical and psychoanalytic reflections] Buchholz MB. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:39–52 (Ger)

[Significance of the basic principle for the psychoanalytic method] Argelander H. **Psyche (Stuttg)** 1985 Jan; 39(1):12–22 (Eng. Abstr.) (Ger)

[Areas of use of patient-centered actions] Helm J, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Oct; 36(10):577–85 (Eng. Abstr.) (Ger)

[Psychiatric hospitals--an institutionalized defense system. I] Leuschner W. **Psychiatr Prax** 1985 Jul;12(4):111–5 (Eng. Abstr.) (Ger)

[Biography as giving sense to the senseless?] Wyss D. **Z Klin Psychol Psychopathol Psychother** 1984;32(2):100–11 (Ger)

[Silence, to be noticed: on an apparently paradoxical significance of silence] Kreische R. **Z Psychosom Med Psychoanal** 1985;31(2):151–5 (Eng. Abstr.) (Ger)

[Consequences of family oriented obstetrics] Wimmer-Puchinger B. **Zentralbl Gynakol** 1985; 107(13):785–92 (Eng. Abstr.) (Ger)

[Psychological guidance of elderly hospitalized patients in need of care] Noack M. **ZFA** 1985 Mar–Apr;40(2):125–8 (Ger)

[A study of attributes of psychotherapists through the therapeutic process: evaluations of the meaningful actions of clients] Nagai T. **Shinrigaku Kenkyu** 1984 Oct; 55(4):207–13 (Eng. Abstr.) (Jpn)

PROFESSIONAL PRACTICE

Pharmacy as a clinical profession. Hepler CD. **Am J Hosp Pharm** 1985 Jun;42(6):1298–306

Preferring our own providers [editorial] Mallison MB. **Am J Nurs** 1985 Apr;85(4):355

Is nursing's self-regulatory power being eroded? Peplau H. **Am J Nurs** 1985 Feb;85(2):140–3

Career patterns of female and male graduates of a psychiatric residency program. Kashtan JF, et al. **Am J Psychiatry** 1984 Oct;141(10):1248–50

Nurse-midwifery practice in the United States, 1982. Adams CJ. **Am J Public Health** 1984 Nov;74(11):1267–70

Working life of New York State physicians, 1980. Tu EJ. **Am J Public Health** 1985 May;75(5):553–5

Extending clinical pharmacy practice. Schlegel JF. **Am Pharm** 1984 Dec;NS24(12):36–7

The scope of neurologic practice. Evidence from a practice study. Menken M. **Arch Neurol** 1985 Apr;42(4):386–7

The 34th John Stanley Coulter memorial lecture. The interdisciplinary process: is it a chimera for clinical practice and for the ACRM? Rothberg JS. **Arch Phys Med Rehabil** 1985 Jun;66(6):343–7

Pharmaceutical education and the practice of pharmacy. Levy G. **Drug Intell Clin Pharm** 1984 Oct;18(10):829–32

Clinical pharmaceutical services in retail practice. II. Factors influencing the provision of services. Nelson AR Jr, et al. **Drug Intell Clin Pharm** 1984 Dec;18(12):992–6

Maternal concerns--a concern of family physicians? [editorial] Christie RJ, et al. **Fam Pract** 1984 Dec; 1(4):199–201

Medical practice: why does it vary so much? [interview by Emily Friedman] Wennberg J, et al. **Hospitals** 1985 Mar 1;59(5):88, 90

The impact of residency training on the productivity of family physicians. Cherkin DC, et al. **Inquiry** 1984 Summer; 21(2):152–60

If you don't care, who will? Devine JA. **J Am Coll Dent** 1984 Summer;51(2):8–11

Variations in the practice of dentistry and the supply of dentists. Waldman HB, et al. **J Am Coll Dent** 1984 Fall; 51(3):24–31

A realistic approach to locating dental practices. Barron EG, et al. **J Am Dent Assoc** 1984 Dec;109(6):903–8

Determining the value of your practice: a realistic approach. Jackson JB, et al. **J Am Dent Assoc** 1984 Sep;109(3):402–12

Mirror, mirror on the wall ... reflections of yourself and your practice. Baldwin B, et al. **J Am Optom Assoc** 1984 Dec; 55(12):918–21

Educational preparation of hygienists working with special populations in nontraditional settings. Cohen L, et al. **J Dent Educ** 1985 Aug;49(8):592–5

Senior survey update: student debt increases while practice plans stabilize. Solomon E. **J Dent Educ** 1985 Sep; 49(9):663–3

Practice plans and trends among dental school seniors. Solomon E, et al. **J Dent Educ** 1984 Dec;48(12):679–80

Attitudes of internists in practice toward their ambulatory care education. Mitchell WD, et al. **J Med Educ** 1985 May; 60(5):415–7

Medical ethics and medical practice: a social science view. Stacey M. **J Med Ethics** 1985 Mar;11(1):14–8

Risk prevention. George JE, et al. **J Med Soc NJ** 1985 Jan; 82(1):9–10

Prevalence of nontraditional dental hygiene practice. Cohen L, et al. **J Public Health Dent** 1984 Summer;44(3):106–11

Regional variations in the use of medical services and the accountability of the profession [editorial] Boyle JF. **JAMA** 1985 Jul 19;254(3):407

The rate of adoption of new procedures among physicians. The impact of specialty and practice characteristics. Freiman MP. **Med Care** 1985 Aug;23(8):939–45

Factors affecting physicians' choice to practice in a fee-for-service setting versus an individual practice association. Freund DA, et al. **Med Care** 1985 Jun; 23(6):799–808

Medical teaching and the rural doctor [editorial] Kamien M. **Med J Aust** 1984 Nov 10;141(10):628–9

Dealing with conflicts of interest [editorial] Relman AS. **N Engl J Med** 1985 Sep 19;313(12):749–51

Faculty practice that works: two examples. We call it clinical consultancy. Polifroni EC, et al. **Nurs Outlook** 1985 Sep–Oct;33(5):226–8

Professional and bureaucratic role conceptions and moral behavior among nurses. Ketefian S. **Nurs Res** 1985 Jul–Aug;34(4):248–53

The obstetrics scope of practice of master's prepared FNPs. Glascock J, et al. **Nurse Pract** 1984 Dec;9(12):34, 36, 38

Today's graduate--outlook 1985. Mascola R. **NY State Dent J** 1985 Mar;51(3):140–1

Socialization, locus of control, and dogmatism as related to counsellors' office settings. Dhillon M, et al. **Psychol Rep** 1985 Feb;56(1):328–30

An economic approach to the daily activities of private general practitioners. Letourmy A. **Soc Sci Med** 1985; 20(2):173–80

Obstacles to the practice of licensed lay midwifery. Sullivan DA, et al. **Soc Sci Med** 1984;19(11):1189–96

[Practice conditions of Italian physicians in the 80s] Brenna A. **Cah Sociol Demogr Med** 1984 Jul–Sep;24(3):187–207 (Fre)

ECONOMICS

Uninsured doctors. Penrod JN. **Alaska Med** 1985 Apr–Jun; 27(2):36–41

Entrepreneurism and emergency medicine [letter] **Ann Emerg Med** 1985 May;14(5):483–5

Costs of practice, barriers to psychiatric service, and research expenditures. Failures of policy. Astrachan BM. **Arch Gen Psychiatry** 1985 Jun;42(6):625–6

Effects of competition in medicine: practice characteristics of physicians in proprietary and nonproprietary hospitals. AMA Council on Medical Service. **Conn Med** 1985 Jun; 49(6):385–7

Physician utilization. The state of research about physicians' practice patterns. Eisenberg JM. **Med Care** 1985 May; 23(5):461–83 (103 ref.)

Patients for sale at bargain prices. Stokes JM. **Mo Med** 1985 Apr;82(4):183–4

The top-heavy plan rules: what will they do to your retirement plan? Rogers WR Jr, et al. **NC Med J** 1985 Jan;46(1):37–40

The economic evaluation of clinical practice. Akehurst R. **Soc Sci Med** 1985;20(10):1037–40

LEGISLATION & JURISPRUDENCE

A profession at risk is not lost! [letter] Yarnall SR. **Arch Intern Med** 1985 May;145(5):954–6

Corporate practice of medicine through licensed employees. Mitchell MW. **J Arkansas Med Soc** 1985 Jul;82(2):120–1

Antitrust enforcement in health care. Ten years after the AMA suit. Costilo LB. **N Engl J Med** 1985 Oct 3; 313(14):901–4

Antitrust law and the physician entrepreneur [editorial] Relman AS. **N Engl J Med** 1985 Oct 3;313(14):884–5

What is a profession? The ethical implications of the FTC order and some Supreme Court decisions. Pellegrino ED. **Surv Ophthalmol** 1984 Nov–Dec;29(3):221–5

ORGANIZATION & ADMINISTRATION

Consultation and referral in new medical-practice environments: a gloomy outlook? [editorial] Elstein AS. **Ann Intern Med** 1985 Oct;103(4):616–7

Practice mode and payment method. Effects on use, costs, quality, and access. Hornbrook MC, et al. **Med Care** 1985 May;23(5):484–511 (90 ref.)

A business for profit can help the NP role. Colls JP. **Nurse Pract** 1984 Sep;9(9):58, 60

The practice of pathology in Lincoln, Nebraska. Shapiro RF. **Pathol Annu** 1984;19 Pt 2:331–45

[Rational organization of gastroenterologic practice] Volkheimer G. **Z Gastroenterol [Verh]** 1985 Apr;20:116–7 (Ger)

[Organization of a pediatric practice] Pérez-Chóliz V. **An Esp Pediatr** 1984 Oct;21 Suppl 20:29–32 (Spa)

STANDARDS

Health care cost containment and the duty to treat. Marsh FH. **J Leg Med (Chicago)** 1985 Jun;6(2):157–90

Reports of the Judicial Council of the American Medical Association, December 1984. **JAMA** 1985 Apr 26; 253(16):2424–5

Different rewards await future physicians. Schwartz H. **Pa Med** 1985 Apr;88(4):39, 43

TRENDS

ASHP special interest group professional practice survey--1984. Letendre DE. **Am J Hosp Pharm** 1985 May; 42(5):1063–9

Patients of psychiatrists and psychologists in office-based practice: 1980. Taube CA, et al. **Am Psychol** 1984 Dec; 39(12):1435–47

Consultation and referral between physicians in new medical practice environments. Schaffer WA, et al. **Ann Intern Med** 1985 Oct;103(4):600–5

Medical practice, medical education and government: future trends in a troubled relationship. Novick LF. **Ariz Med** 1985 Jan;42(1):29–33

Changing medical practice arrangements. AMA Center for Health Policy Research. **Conn Med** 1985 Mar;49(3):189–91

The medical supermarket: futuristic or decadent? Stephens GG. **Del Med J** 1985 Mar;57(3):189–90

Alternate delivery systems are expanding in Iowa. **Iowa Med** 1985 Mar;75(3):104–5, 108–9

Altruism is not enough: barriers in the development of nursing as a profession. White R. **J Adv Nurs** 1984 Nov; 9(6):555–62

The corporate transformation of medicine in Minnesota: the struggle by independent physicians for a place in the twin cities market. Sixth in a series. Reece RL. **Minn Med** 1984 Sep;67(9):473–80

The corporate transformation of medicine in Minnesota galloping capitalism and the Twin Cities' medical marketplace. Reece RR. **Minn Med** 1985 Jun;68(6):419–27

Treatment of rheumatoid arthritis in HMOs or in fee-for-service practice [letter] **N Engl J Med** 1985 Aug 29;313(9):583–4

Trade unionism for doctors [letter] **N Engl J Med** 1985 Apr 4;312(14):925–7

Practice patterns of graduates of a North Carolina community hospital internal medicine training program. Ungaro PC, et al. **NC Med J** 1984 Oct;45(10):657–9

Franchise dentistry. Wood WL Jr, et al. **NY State Dent J** 1984 Dec;50(10):677–8

An R.L.D.D. in search of R.L.P.P.s. Bluestone N. **Pa Med** 1985 Mar;88(3):51–6

Future work conditions for physicians: implications for medical education. Arthur RJ, et al. **Pharos** 1984 Summer; 47(3):12–5

The future of medical practice. Smith WJ. **RI Med J** 1985 Jan;68(1):21–3

South Dakota physician location factors. Leonardson GR, et al. **SD J Med** 1985 Apr;38(4):29–35

Space and time in British general practice. Armstrong D. **Soc Sci Med** 1985;20(7):659–66

The drive for professionalization in British osteopathy. Baer HA. **Soc Sci Med** 1984;19(7):717–25

[Setting up practice in another country. Mutual recognition of diplomas and professional qualifications] **Tijdschr Diergeneeskd** 1984 Nov 15;109(22):942–6 (Dut)

[Further education and general practice in the specialty of gastroenterology in Hessen] Classen M, et al. **Z Gastroenterol [Verh]** 1985 Apr;20:113–5 (Ger)

[Gastroenterologic specialty practice: possibilities and limits] Gangl A. **Z Gastroenterol [Verh]** 1985 Apr;20:118–21 (Ger)

UTILIZATION

Learning to live without practice denominators. Cherkin DC. **J Fam Pract** 1984 Oct;19(4):437–9

PROFESSIONAL PRACTICE LOCATION see under **PROFESSIONAL PRACTICE**

PROFESSIONAL STAFF COMMITTEES

see related
UTILIZATION REVIEW

Nurses belong at the table of the ethics committee. Rothrock JC. **AORN J** 1985 Mar;41(3):527–8

Workings of a state human research review board. Thuline HC. **Birth Defects** 1984;20(6):44–52

Ethical decision-making by hospital committees [letter] de Watcher MA, et al. **Can Med Assoc J** 1984 Oct 1; 131(7):713–4

Institutional review boards and collaborations between academia and industry: some counterproductive policies and practices. Levine RJ. **Circulation** 1985 Aug;72(2 Pt 2):148–50

Educating patients: a headache for administration. Fergusson KS, et al. **Dimens Health Serv** 1984 Sep;61(9):46–7

What does the PSC do? Quivey M. **Int Nurs Rev** 1985 Jan–Feb;32(1):20–2

Making the scientific ethical. Wilson HS. **J Nurs Adm** 1984 Nov;14(11):6–7

Institutional ethics committee's roles, responsibilities, and benefits for physicians. Committee on Ethics and Medical-legal Affairs. **Minn Med** 1985 Aug;68(8):607–12, 605

The review process: navigating the system. Billingsley M, et al. **Nurse Pract** 1985 Apr;10(4):30, 34

Physicians must maintain involvement in utilization review [letter] Jacoby JE. **QRB** 1985 Apr;11(4):106–7

Hospital ethics committees and hospital policy. Thomasma DC. **QRB** 1985 Jul;11(7):204–9

HISTORY

Taxonomic Subcommittee on Enterobacteriaceae of the

International Committee on Systematic Bacteriology. van Oye E. **Arch Belg** 1985;43(1-2):41-9

LEGISLATION & JURISPRUDENCE

Reallocating liability to medical staff review committee members: a response to the hospital corporate liability doctrine. Peters GG. **Am J Law Med** 1984 Spring; 10(1):115-38 (122 ref.)

Medical ethics committees--the decision is yours. Ferguson CG. **Dimens Health Serv** 1984 Sep;61(9):36-41

ORGANIZATION & ADMINISTRATION

Family practitioner committee independence: what will it mean? Ellis N. **Br Med J [Clin Res]** 1985 Feb 23; 290(6468):607-11

European Ethical Review Committee: the experience of an international ethics committee reviewing protocols for drug trials. Faccini JM, et al. **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1052-4

Hospital ethics committees: survey reveals characteristics. Avard D, et al. **Dimens Health Serv** 1985 Feb;62(2):24-6

Participative program planning: mandate for the 1980s. Wodinsky HB. **Dimens Health Serv** 1983 Oct;60(10):27-8

NJ hospital profits from better relations with medical staff. Mott BJ, et al. **Hospitals** 1984 Dec 1;58(23):76-80

Hospital-based wellness committee. Waits EJ. **J Med Assoc Ga** 1984 Nov;73(11):779-80

Hospital ethics committees. Administrative aspects. Fost N, et al. **JAMA** 1985 May 10;253(18):2687-92

The hospital transfusion committee. Guidelines for improving practice. Grindon AJ, et al. **JAMA** 1985 Jan 25; 253(4):540-3

Hospital medical ethics committees: a review of their development. Rosner F. **JAMA** 1985 May 10; 253(18):2693-7

Use of an institutional ethics team on a pediatric service. Grodin MA, et al. **QRB** 1985 Jan;11(1):16-9

[Activities of the Council of Secretaries of the primary party organizations in district medical institutions] Vasiutin SI. **Sov Zdravookhr** 1984;(5):3-8 **(Rus)**

STANDARDS

Guidelines for ethics committees in health care institutions. Judicial Council. **JAMA** 1985 May 10;253(18):2698-9

PROFESSIONAL STANDARDS REVIEW ORGANIZATIONS

Some cons of PROs [editorial] Palmer DB. **Arch Ophthalmol** 1985 Mar;103(3):343-5

Identifying problems. A position paper of the AMA/ACHS Peer Review Resource Centre. **Aust Clin Rev** 1984 Mar;(11):20-2

Peer assessment [letter] Reich CJ. **Can Med Assoc J** 1985 Jan 15;132(2):93

PRO objectives and quality criteria. Grimaldi PL, et al. **Hospitals** 1985 Feb 1;59(3):64-7

A personal experience: The Medical Disciplinary Board. Beiser HR. **IMJ** 1985 Jul;168(1):45-8

Iowa medicine enters the PRO era. Mandsager RL. **Iowa Med** 1984 Aug;74(8):327-8

Professional review organizations: PRO or con? Newman GL. **J Am Med Wom Assoc** 1985 Jul-Aug;40(4):123, 126

MFMC and peer review under PRO: what changes can you expect? Silver P. **J Miss State Med Assoc** 1984 Aug; 25(8):216-7

Department of Public Health establishes review standards for new technologies. **Mich Med** 1985 Apr;84(4):214

Peer review in Minnesota--the Foundation for Health Care Evaluation-1985. Woellner RC. **Minn Med** 1985 Jun; 68(6):465-8

A Missouri physician's guide to becoming more PRO-active. Akhter MN, et al. **Mo Med** 1985 Aug;82(8):433-6

PSRO, quality review and mental health--a political and practical guide. Hertzman M. **Psychiatr Q** 1984 Summer; 56(2):113-29

[Activities of the Problem Committee for Obstetrical and Gynecological Research in the Russian Federation] Kulakov VI, et al. **Akush Ginekol (Mosk)** 1985 Jan;(1):72-5 **(Rus)**

LEGISLATION & JURISPRUDENCE

Final regulations issued on 'Baby Doe' and PROs. Klann SS. **AORN J** 1985 Jul;42(1):109, 112

Commentary: The Peer Review Organization of New Jersey, Inc. Kingsley DI. **J Med Soc NJ** 1985 Mar;82(3):229-30

MSNJ Peer Review Organization Criteria Committee. Krosnick A. **J Med Soc NJ** 1985 Mar;82(3):194-5

Cardiac surgery review--by peers or by state? Porter S. **Ohio State Med J** 1985 Feb;81(2):86-9, 91

The Rhode Island Board of Medical Review. Savastano AA. **RI Med J** 1984 Nov;67(11):493-5

ORGANIZATION & ADMINISTRATION

AMA/ACHS Peer Review Resource Centre strategy for 1984. **Aust Clin Rev** 1984 Mar;(11):6-14

PRO review of hospital admissions of Medicare patients. Akhter MN. **Mo Med** 1985 Mar;82(3):123-6

Implementation of the Peer Review Organization program. Grimaldi PL, et al. **QRB** 1984 Nov;10(11):340-6

STANDARDS

The end of an era in Delaware medicine. Akana P. **Del Med J** 1984 Oct;56(10):611-4

TRENDS

Quality assurance under the Missouri PRO program. Akhter MN. **Mo Med** 1985 Jun;82(6):297-9

PROFIBRINOLYSIN see **PLASMINOGEN**

PROFLAVINE see under **ACRIDINES**

PROGENITOR CELLS see **STEM CELLS**

PROGERIA

[Progeria in a 4-year-old child] Petrova KG, et al. **Pediatriia** 1984 Nov;(11):59 **(Rus)**

BLOOD

Serum cholesterol and triglyceride levels in progeria as a model of ageing. Szamosi T, et al. **Mech Ageing Dev** 1984 Dec;28(2-3):243-8

[Low serum HDL cholesterol levels in progeria] Szamosi T, et al. **Orv Hetil** 1985 Aug 18;126(33):2039-42 (Eng. Abstr.) **(Hun)**

COMPLICATIONS

Acrogeria with perforating elastoma and bony abnormalities. Venencie PY, et al. **Acta Derm Venereol (Stockh)** 1984; 64(4):348-51

Hip disease in Hutchinson-Gilford progeria syndrome. Gamble JG. **J Pediatr Orthop** 1984 Sep;4(5):585-9

FAMILIAL & GENETIC

[Simultaneous occurrence of metageria and Gottron's acrogeria in one family] Kaufmann I, et al. **Z Hautkr** 1985 Jun 15;60(12):975-84 (Eng. Abstr.) **(Ger)**

METABOLISM

Somatomedin C-binding and action in fibroblasts from aged and progeric subjects. Conover CA, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):685-91

PATHOLOGY

Progeria with cardiac hypertrophy and review of 12 autopsy cases in the literature. Shozawa T, et al. **Acta Pathol Jpn** 1984 Jul;34(4):797-811

Euploidization of human hepatocytes from donors of different ages and both sexes compared with those from cases of Werner's syndrome and progeria. Gahan PB, et al. **Exp Gerontol** 1984;19(6):355-8

[Incomplete Hutchinson-Gilford syndrome. A patient followed to age 29] Baldzhiev V, et al. **Vutr Boles** 1984; 23(6):86-90 (Eng. Abstr.) **(Bul)**

PROGERIA, ADULT see **WERNER'S SYNDROME**

PROGESTATIONAL HORMONE ANALOGS see **PROGESTATIONAL HORMONES, SYNTHETIC**

PROGESTATIONAL HORMONES

Noncontraceptive estrogens and progestins: use patterns over time. Kennedy DL, et al. **Obstet Gynecol** 1985 Mar; 65(3):441-6

ADMINISTRATION & DOSAGE

Studies on osteoporosis X. Effect of estrogen-progestin combination on heparin-induced osteoporosis. Robin JC, et al. **Steroids** 1983 Dec;42(6):669-75

ADVERSE EFFECTS

The influence of hormonal replacement therapy on lipid and lipoprotein metabolism. Crona N, et al. **Acta Obstet Gynecol Scand [Suppl]** 1985;130:49-52

Cryptorchism and maternal estrogen exposure. Beard CM, et al. **Am J Epidemiol** 1984 Nov;120(5):707-16

Sex-dimorphic behavior in childhood subsequent to prenatal exposure to exogenous progestogens and estrogens. Ehrhardt AA, et al. **Arch Sex Behav** 1984 Oct;13(5):457-77

Effects of prenatal hormone exposure versus pregnancy complications on sex-dimorphic behavior. Meyer-Bahlburg HF, et al. **Arch Sex Behav** 1984 Oct; 13(5):479-95

Breast cancer and oral contraceptives: critique of the proposition that high potency progestogen products confer excess risk. Sturtevant FM. **Biomed Pharmacother** 1984; 38(8):371-9

Congenital malformations among offspring exposed in utero to progestins, Olmsted County, Minnesota, 1936-1974. Resseguie LJ, et al. **Fertil Steril** 1985 Apr;43(4):514-9

[Hepato-biliary complications of estro-progestin therapy] Turco D. **Ann Osp Maria Vittoria Torino** 1983 Jul-Dec; 26(7-12):326-39 (Eng. Abstr.) **(Ita)**

ANALYSIS

Reversed-phase high-performance liquid chromatography for the determination of steroid hormones in oral contraceptives. Bond AM, et al. **J Chromatogr** 1984 Dec 19;315:313-20

Estrogen metabolites in equine ovarian follicles: gas chromatographic-mass spectrometric determinations in relation to follicular ultrastructure and progestin content. Silberzahn P, et al. **J Steroid Biochem** 1985 Apr;22(4):501-5

ANTAGONISTS & INHIBITORS

The antiprogestin RU38 486: receptor-mediated progestin versus antiprogestin actions screened in estrogen-insensitive T47Dco human breast cancer cells. Horwitz KB. **Endocrinology** 1985 Jun;116(6):2236-45

RU486, a progestin and glucocorticoid antagonist, inhibits the growth of breast cancer cells via the progesterone receptor. Bardon S, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):692-7

Endometrial and pituitary responses to the steroidal antiprogestin RU 486 in postmenopausal women. Gravanis A, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):156-63

BIOSYNTHESIS

Somatomedin C augments FSH-induced differentiation of cultured rat granulosa cells. Davoren JB, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):E26-33

Somatomedin-C synergizes with follicle-stimulating hormone in the acquisition of progestin biosynthetic capacity by cultured rat granulosa cells. Adashi EY, et al. **Endocrinology** 1985 Jun;116(6):2135-42

Inhibition of hormone-induced steroidogenesis during cell proliferation in serum-free cultures of rat granulosa cells. Epstein-Almog R, et al. **Endocrinology** 1985 May; 116(5):2103-12

Mechanisms subserving insulin's differentiating actions on progestin biosynthesis by ovarian cells: studies with cultured swine granulosa cells. Veldhuis JD, et al. **Endocrinology** 1985 Feb;116(2):651-9

Disparate effects of triphenylethylene antiestrogens on estrogen and progestin biosyntheses by cultured rat granulosa cells. Welsh TH Jr, et al. **Endocrinology** 1984 Oct;115(4):1275-82

Concerted metabolism of steroid hormones produced by cocultured ovarian cell types. Goldring NB, et al. **J Biol Chem** 1985 Jan 25;260(2):913-21

Stimulation of rat ovarian cell steroidogenesis by high density lipoproteins modified with tetranitromethane. Nestler JE, et al. **J Biol Chem** 1985 Jun 25;260(12):7316-21

[Functional interrelationship between granulosa and theca lutein cells in steroidogenesis in vitro by human corpus luteum] Nihnobu K. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr; 37(4):581-90 (Eng. Abstr.) **(Jpn)**

BLOOD

Modification of juvenile play and other social behaviour in the rat by neonatal progestins: further studies. Birke LI, et al. **Physiol Behav** 1984 Aug;33(2):217-9

[Steroid levels and myometrial sensitivity to oxytocin] Ogawa K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1203-12 (Eng. Abstr.) **(Jpn)**

CHEMICAL SYNTHESIS

7 alpha-Methylnorethindrone enanthate 10 beta-hydroperoxide: isolation and characterization. DiNunno CM, et al. **Steroids** 1983 Oct;42(4):401-8

IMMUNOLOGY

Rat pregnancy immunoregulatory circuits are progestation hormonal status, decidual tissue, embryo-trophoblast and late pregnancy changes dependent. Mohammad M, et al. **Am J Reprod Immunol** 1984 Dec;6(4):159-66

METABOLISM

Bipotential actions of estrogen on progesterone biosynthesis by ovarian cells. I. Relation of estradiol's inhibitory actions to cholesterol and progestin metabolism in cultured swine granulosa cells. Veldhuis JD. **Endocrinology** 1985 May; 116(5):1818-25

Bipotential actions of estrogen on progesterone biosynthesis by ovarian cells. II. Relation of estradiol's stimulatory actions to cholesterol and progestin metabolism in cultured swine granulosa cells. Veldhuis JD. **Endocrinology** 1985 Sep;117(3):1076-83

Effects of progesterone, progestogens, and danazol on the specific cortisol binding in human plasma. Ottosson UB, et al. **Fertil Steril** 1985 Jun;43(6):856-60

Estrogen and progestin binding by cytosolic and nuclear fractions of human meningiomas. Martuza RL, et al. **J Neurosurg** 1985 May;62(5):750-6

Relationship between progesterone receptor binding and progestin biological activity. Spilman CH, et al. **J Steroid Biochem** 1985 Mar;22(3):289-92

Diethylpyrocarbonate, a histidine selective reagent, inhibits progestin binding to chick oviduct cytosol. Baker ME, et al. **Steroids** 1983 Dec;42(6):593-602

PHARMACODYNAMICS

Effect of long-term therapy with estrogen and progesterone on the endometrium of post-menopausal women. Varma

TR. **Acta Obstet Gynecol Scand** 1985;64(1):41-6

Hepatic actions of progestogenic steroids. Kulcsár A, et al. **Arzneimittelforsch** 1984;34(10):1301-5

Oral contraceptives and pituitary response to GnRH: comparative study of progestin-related effects. Römmler A, et al. **Contraception** 1985 Mar;31(3):295-303

Effect of insulin on meiosis reinitiation induced in vitro by three progestogens in oocytes of the goldfish (Carassius auratus). Lessman CA. **Dev Biol** 1985 Jan;107(1):259-63

Effects of antifertility estrogens and progestins on the endometrial surface of early pregnant rats. A scanning electron microscopic study. Koch M, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):138-46

Estrogen and progestin effects on urinary calcium and calciotropic hormones in surgically-induced postmenopausal women. Lobo RA, et al. **Horm Metab Res** 1985 Jul;17(7):370-3

Effects of natural and synthetic estrogens and progestins on glycogen deposition in female mice. Carrington LJ, et al. **Horm Res** 1985;21(3):199-203

Progestins increase endogenous opioid peptide activity in postmenopausal women. Casper RF, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):34-6

The effects of estrogen and progestin on endogenous opioid activity in oophorectomized women. Shoupe D, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):178-83

In vivo effects of progestins on prolactin secretion. Sitruk-Ware R, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):575-8

Inhibition of fatty acid synthesis in rabbit mammary alveolar explants by progesterone and related steroids. Martyn P, et al. **J Steroid Biochem** 1985 Aug;23(2):159-63

The relative effectiveness of progestins for facilitation and inhibition of sexual receptivity in hamsters. Pleim ET, et al. **Physiol Behav** 1984 May;32(5):743-7

Mechanisms of action of progestational agents. Allegra JC, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 1):3-5

Progestin modulation of estrogen-dependent marker protein synthesis in the endometrium. DeSombre ER, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 1):6-11

[Estrogens, progestins and blood lipids] Tikkanen MJ. **Duodecim** 1984;100(22):1500-3 **(Fin)**

SECRETION

Effects of prolactin on progestin secretion by human granulosa cells in culture. Soto EA, et al. **Biol Reprod** 1985 Apr;32(3):541-5

THERAPEUTIC USE

Progestin therapy of endometrial, breast and ovarian carcinoma. A review of clinical observations. Kauppila A. **Acta Obstet Gynecol Scand** 1984;63(5):441-50 (111 ref.)

Metabolic consequences of postmenopausal estrogen and progestogen treatment. Fåhraeus L. **Acta Obstet Gynecol Scand [Suppl]** 1985;132:19-21

Vasomotor symptoms and estrogen-progestogen therapy. von Schoultz B. **Acta Obstet Gynecol Scand [Suppl]** 1985;132:15-8

Endolymphatic stromal myosis: a case with positive estrogen and progesterone receptors and good response to progestins. Tsukamoto N, et al. **Gynecol Oncol** 1985 Jan;20(1):120-8

Evidence supports estrogen-progestogen replacement therapy. Gambrell RD Jr. **Postgrad Med** 1985 Jul;78(1):35, 38

PROGESTATIONAL HORMONES, SYNTHETIC

Marvelon--an OC with a new progestagen. **Drug Ther Bull** 1984 Sep 10;22(18):69-70

Endometrial and pituitary responses to the steroidal antiprogestin RU 486 in postmenopausal women. Gravanis A, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):156-63

ADMINISTRATION & DOSAGE

Effect of long-term administration of norethisterone (a progestogen-only contraceptive) on the female genital tract of the albino rat. Maiti BR, et al. **Acta Physiol Pol** 1984 Jan-Feb;35(1):23-33

Effect of chronic treatment of norethisterone (a progestogen-only contraceptive) on preputial gland activity of the female rat. Sahu A, et al. **Acta Physiol Pol** 1984 Jan-Feb;35(1):35-9

A new look at progestogens. Fotherby K. **Clin Obstet Gynaecol** 1984 Dec;11(3):701-22 (62 ref.)

ADVERSE EFFECTS

Comparative metabolic effects of oral contraceptive preparations containing different progestagens. Effects of desogestrel + ethinylestradiol on the haemostatic balance. Rákóczi I, et al. **Arzneimittelforsch** 1985;35(3):630-3

Hormones in the etiology and prevention of breast and endometrial cancer. Gambrell RD Jr. **South Med J** 1984 Dec;77(12):1509-15

[Mammary changes in male dogs following gestagen treatment] Braun U, et al. **Berl Munch Tierarztl Wochenschr** 1984 Dec 1;97(12):447-51 (Eng. Abstr.) **(Ger)**

[Dependence of morphologic changes in portio, cervix and endometrium on dosage or potency of synthetic gestagens] Dallenbach-Hellweg G, et al. **Geburtshilfe Frauenheilkd** 1985 Apr;45(4):238-43 (Eng. Abstr.) **(Ger)**

[Effect of sex steroids on the reproductive system of progeny] Gladkova AI. **Akush Ginekol (Mosk)** 1985 Jan;(1):5-8 (66 ref.) **(Rus)**

DIAGNOSTIC USE

Effects of levonorgestrel and desogestrel in low-dose oral contraceptive combinations on serum lipids, apolipoproteins A-I and B and glycosylated proteins. Bergink EW, et al. **Contraception** 1984 Jul;30(1):61-72

Androgenic, anabolic, estrogenic and antiestrogenic effects of desogestrel and lynestrenol: effects on serum proteins and vaginal cytology. Cullberg G. **Contraception** 1984 Jul;30(1):73-9

PHARMACODYNAMICS

Changes in relative fatty acid composition of serum lecithin and cholesterol ester after treatment with two gonane progestins administered alone and in combination with ethinyl estradiol. Crona N, et al. **Arch Gynecol** 1984;236(1):35-40

Progestogens with antimineralocorticoid activity. Losert W, et al. **Arzneimittelforsch** 1985;35(2):459-71

On the effect of the new progestagen dienogest (STS 557) on the proliferative responses of rabbit blood lymphocytes to mitogens. Bräuer R, et al. **Pharmazie** 1984 Aug;39(8):580-1

Progestogen and prostaglandin-combined treatments for synchronization of oestrus in post partum crossbred (Bos indicus x Bos taurus) or zebu cows. Lokhande SM, et al. **Rev Elev Med Vet Pays Trop** 1984;37(1):73-8

The effect of five synthetic progestational compounds on 5 alpha-reductase activity in genital skin fibroblast monolayers. Dean HJ, et al. **Steroids** 1984 Jan;43(1):13-24

[Chromosome analysis of female baboons following treatment with STS 557 and levonorgestrel] Strecke J, et al. **Zentralbl Gynakol** 1985;107(5):304-7 (Eng. Abstr.) **(Ger)**

THERAPEUTIC USE

Subfractions of high-density lipoprotein cholesterol during estrogen replacement therapy: a comparison between progestogens and natural progesterone. Ottosson UB, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):746-50

The treatment of hirsutism with a combination of desogestrel and ethinyl oestradiol. Dewis P, et al. **Clin Endocrinol (Oxf)** 1985 Jan;22(1):29-36

Can primary endometrial carcinoma stage I be cured without surgery and radiation therapy? Bokhman JV, et al. **Gynecol Oncol** 1985 Feb;20(2):139-55

Effects of progestational agents in treatment of endometrial carcinoma. Podratz KC, et al. **Obstet Gynecol** 1985 Jul;66(1):106-10

How progestins prevent endometrial cancer. Siddle NC. **Rev Fr Gynecol Obstet** 1985 Mar;80(4):219-21

[Synthetic progestational hormones and their principal indications in gynecology] el Bakali-el Kassimi A, et al. **Maroc Med** 1985 Jun;7(2):524-34 (Eng. Abstr.) **(Fre)**

[The menopause. Therapeutic regimens] Derrien J. **Rev Fr Gynecol Obstet** 1985 Mar;80(4):223-5 (Eng. Abstr.) **(Fre)**

[The menopause. Therapeutic measures] Rozenbaum H. **Rev Fr Gynecol Obstet** 1985 Mar;80(4):227-9 (Eng. Abstr.) **(Fre)**

[Effect of synthetic progestins on the endocervix of patients with internal uterine endometriosis] Shinkareva LF, et al. **Akush Ginekol (Mosk)** 1985 Mar;(3):59-62 (Eng. Abstr.) **(Rus)**

[Platelet aggregation during the intake of sex steroids in patients with dysfunctional uterine hemorrhages in the climacteric] Marchenko LA. **Sov Med** 1985;(4):94-8 **(Rus)**

PROGESTERONE

Effect of asymmetrical diaryl and arylalkyl ketones on uteroglobin progesterone interaction. Saxena SK, et al. **Indian J Biochem Biophys** 1984 Apr;21(2):139-41

[The progestasert system--a 24-month-long active spiral. Clinical experiences with an intrauterine progesterone-releasing system] Sievers S. **Fortschr Med** 1984 Oct 18;102(39):982-4 (Eng. Abstr.) **(Ger)**

[Clinical evaluation of the progesterone T intrauterine device] Pizarro Orchard E, et al. **Rev Chil Obstet Ginecol** 1980;45(2):87-98 **(Spa)**

ADMINISTRATION & DOSAGE

Hysteroscopic evaluation of intrauterine progesterone contraceptive system as a treatment for abnormal uterine bleeding. Scarselli G, et al. **Acta Eur Fertil** 1984 Jul-Aug;15(4):279-82

Oral progesterone and estrogen/progestogen therapy. Effects of natural and synthetic hormones on subfractions of HDL cholesterol and liver proteins. Ottosson UB. **Acta Obstet Gynecol Scand [Suppl]** 1984;127:1-37

Effect of progesterone treatment near term on the onset of labour in rats. Bernard A, et al. **Acta Physiol Hung** 1985;65(3):367-71

Effectiveness of vaginal administration of progesterone. Glazener CM, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):364-8

Estradiol and progesterone influence L-5-hydroxytryptophan-induced myoclonus in male guinea pigs: sex differences in serotonin-steroid interactions. O'Connor LH, et al. **Brain Res** 1985 Mar 18;330(1):121-5

Fertility regulation in nursing women. VI. Contraceptive effectiveness of a subdermal progesterone implant. Díaz S, et al. **Contraception** 1984 Oct;30(4):311-25

Exogenous progesterone for luteal support following gonadotropin-releasing hormone ovulation induction: case report. Berger NG, et al. **Fertil Steril** 1985 Jul;44(1):133-5

Progesterone priming and age of ewe affect the life-span of corpora lutea induced in the seasonally anovulatory Merino ewe by the 'ram effect'. Oldham CM, et al. **J Reprod Fertil** 1985 Sep;75(1):29-33

Rapid recovery of nuclear estrogen receptor and oxytocin receptor in the ovine uterus following progesterone withdrawal. Leavitt WW, et al. **J Steroid Biochem** 1985 Jun;22(6):687-91

[Cell surface changes after high-dosage progesterone treatment in endometrial carcinoma] Szarvas Z, et al. **Zentralbl Gynakol** 1984;106(14):1010-7 (Eng. Abstr.) **(Ger)**

[Case of galactorrhea in a transsexual male patient] Kozlov GI, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):37-8 **(Rus)**

[Contraception with progesterone pellets during lactation] Peralta O, et al. **Rev Chil Obstet Ginecol** 1984;49(5):337-45 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Autoimmune progesterone dermatitis with persistent amenorrhoea. Katayama I, et al. **Br J Dermatol** 1985 Apr;112(4):487-91

Autoimmune progesterone dermatitis. Anderson RH. **Cutis** 1984 May;33(5):490-1

Progesterone therapy: benefit versus risk. McDonough PG. **Fertil Steril** 1985 Jul;44(1):13-6

Congenital malformations among offspring exposed in utero to progestins, Olmsted County, Minnesota, 1936-1974. Resseguie LJ, et al. **Fertil Steril** 1985 Apr;43(4):514-9

Fetal malformations following progesterone therapy during pregnancy: a preliminary report. Rock JA, et al. **Fertil Steril** 1985 Jul;44(1):17-9

Progesterone-induced erythema multiforme. Wojnarowska F, et al. **J R Soc Med** 1985 May;78(5):407-8

The relationship of estrogen and progesterone to breast disease. Brooks PG. **J Reprod Med** 1984 Jul;29(7 Suppl):530-8

Breast cancer in postmenopausal estrogen-progestogen users [letter] Lee NC, et al. **Obstet Gynecol** 1984 Dec;64(6):832-4

ANALOGS & DERIVATIVES

Stimulation of 16-dehydroprogesterone and progesterone reductases of Eubacterium sp. strain 144 by hemin and hydrogen or pyruvate. Glass TL, et al. **Appl Environ Microbiol** 1985 May;49(5):1146-53

Irreversible inhibition of delta 5-3-oxosteroid isomerase by 2-substituted progesterones. Penning TM. **Biochem J** 1985 Mar 1;226(2):469-76

Enzyme inhibition by steroid anaesthetic agents derived from progesterone. Banks P, et al. **Br J Anaesth** 1985 May;57(5):512-4

Progesterone derivatives that bind to the digitalis receptor: effects on 86Rb uptake and contractility in the isolated guinea pig heart. LaBella FS, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1057-64

Pregnancy in young and aged rats. I. Ovarian progesterone and 20 alpha-hydroxypregn-4-en-3-one formation. Albrecht ED. **Endocrinology** 1984 Oct;115(4):1418-25

Progesterone derivatives that bind to the digitalis receptor: effects on Na+,K+-ATPase and isolated tissues. LaBella FS, et al. **Fed Proc** 1985 Sep;44(12):2806-11

Receptor binding of 6 alpha-methylprogesterone in mouse kidney. Houben PW, et al. **Horm Res** 1985;21(4):261-9

Approaches to prostatic cancer chemotherapy using the Dunning R3327H prostatic adenocarcinoma. Padilla GM, et al. **Prostate** 1985;6(2):129-43

Oestrus control in the ferret [letter] Oxenham M, et al. **Vet Rec** 1985 Mar 16;116(11):300

ANALYSIS

Human chorionic gonadotropin and steroid concentrations in human follicular fluid in relation to follicle size and oocyte maturity in stimulated ovarian cycles. Ellsworth LR, et al. **Acta Eur Fertil** 1984 Sep-Oct;15(5):343-6

Estrogen and progesterone receptor and hormone levels in human myometrium and placenta in term pregnancy. Khan-Dawood FS, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):501-5

Progesterone assays: guidelines for the provision of a clinical biochemistry service. Wood P, et al. **Ann Clin Biochem** 1985 Jan;22 (Pt 1):1-24 (47 ref.)

Prolactin and sex steroid concentrations in follicular fluids after different ovarian stimulation methods in IVF patients. Bohnet HG, et al. **Ann NY Acad Sci** 1985;442:227-35

Immunoreactive oestrogens and progesterone in amniotic fluid in twin pregnancies. Norman RJ, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):216-9

Salivary oestriol to progesterone ratio in relation to spontaneous labour [letter] Perry L, et al. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):1004–5

Concentrations of oestradiol–17 beta and progesterone in bovine plasma and defatted milk during the post–partum anovulatory period, during oestrous cycles and following ovariectomy. Abeyawardene SA, et al. **Br Vet J** 1984 Sep–Oct;140(5):458–67

The use of milk progesterone profiles for assessing the response to cloprostenol treatment of non–detected oestrus in dairy cattle. Ball PJ, et al. **Br Vet J** 1984 Nov–Dec; 140(6):543–9

Milk progesterone in Finnish dairy cows: a field study on the control of artificial insemination and early pregnancy. Laitinen J, et al. **Br Vet J** 1985 May–Jun;141(3):297–307

Multicenter evaluation of assays for estradiol and progesterone in saliva. Sufi SB, et al. **Clin Chem** 1985 Jan; 31(1):101–3

An alternative radioligand for immunoassay of salivary progesterone [letter] Truran PL, et al. **Clin Chem** 1985 Jun; 31(6):1091–2

The use of milk progesterone and electronic vaginal probes as aids in large dairy herd reproductive management. Cavestany D, et al. **Cornell Vet** 1985 Jul;75(3):441–53

Prostaglandin F2 alpha–induced estrus in open cows and presumed abortion in pregnant cows with unobserved estrus in a herd monitored by milk progesterone assay. Cavestany D, et al. **Cornell Vet** 1985 Jul;75(3):393–7

Relationships between bovine follicular fluid glycosaminoglycans and steroids. Bushmeyer SM, et al. **Endocrinology** 1985 Sep;117(3):879–85

Follicular fluid inhibin activity and steroid levels in ovarian tissue obtained at autopsy from human infants from 18 to 200 days of age. Channing CP, et al. **Fertil Steril** 1984 Dec; 42(6):861–9

The 'dysharmonic luteal phase' syndrome: endometrial progesterone receptor and estradiol dehydrogenase. Gravanis A, et al. **Fertil Steril** 1984 Nov;42(5):730–6

Radioimmunoassay of progesterone in saliva: a simplified technique using 125I–radioligand. Tho SP, et al. **Fertil Steril** 1985 Mar;43(3):410–6

Enzyme immunoassay of progesterone in saliva. Tallon DF, et al. **Ir J Med Sci** 1984 Jun;153(6):195–7

Reversed–phase high–performance liquid chromatography of C21 metabolites of progesterone. Francis FE, et al. **J Chromatogr** 1984 Dec 12;336(2):361–7

Monoclonal antibodies for use with 125iodine–labeled radioligands in progesterone radioimmunoassay. Brochu M, et al. **J Steroid Biochem** 1984 Oct;21(4):405–11

17 beta–hydroxysteroid dehydrogenase activity in leiomyoma and myometrium and its relationship to concentrations of oestrone, oestradiol and progesterone throughout the menstrual cycle. Newton CJ, et al. **J Steroid Biochem** 1985 Apr;22(4):487–93

On the processing of saliva samples for progesterone assay. Banerjee S, et al. **Steroids** 1983 Nov;42(5):539–47

Milk progesterone radioimmunoassay using radioiodinated tracers: a rapid and reliable assay system. Espinosa J, et al. **Steroids** 1984 Sep;44(3):217–28

Circulating levels and breast cyst fluid concentrations of human chorionic gonadotropin, progesterone and testosterone in women with gross cystic breast disease. Secreto G, et al. **Tumori** 1984 Dec 31;70(6):523–7

[Submucosal vestibulo–vaginal administration of cloprostenol (Oestrophan–Spofa) in cows in relation to estrus activity, conception, and the level of progesterone in milk] Holý L. **Vet Med (Praha)** 1984 Sep;29(9):513–9 (Eng. Abstr.) **(Cze)**

[Progesterone in mare's milk: suitable for early pregnancy detection?] Borst GH, et al. **Tijdschr Diergeneeskd** 1985 May 15;110(10):400–1 (Eng. Abstr.) **(Dut)**

[Progesterone determination in milk] Smidt WJ. **Tijdschr Diergeneeskd** 1985 May 1;110(9):361–2 (Eng. Abstr.) **(Dut)**

[Diagnosis of pregnancy in cows based on progesterone determination in milk performed 3 times] Döbeli M, et al. **Schweiz Arch Tierheilkd** 1984 Aug;126(8):399–407 (Eng. Abstr.) **(Ger)**

[Levels of progesterone in the serum and semen: correlations with the seminogram and levels of 17 alpha–hydroxyprogesterone in the serum and semen] García Díez LC, et al. **Actas Urol Esp** 1984 Jul–Aug; 8(4):309–14 (Eng. Abstr.) **(Spa)**

ANTAGONISTS & INHIBITORS

The antiprogesterones are coming: menses induction, abortion, and labour? [editorial] Healy DL, et al. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):580–1

Contragestion by antiprogestin: a new approach to human fertility control. Baulieu EE. **Ciba Found Symp** 1985; 115:192–210

Treatment of fibrocystic disease of the breast with gestrinone, a new trienic synthetic steroid with anti–estrogen, anti–progesterone properties. Coutinho EM, et al. **Int J Gynaecol Obstet** 1984 Oct;22(5):363–6

Effects of an antiprogesterone agent, RU–486, on the menstrual cycle of the rhesus monkey. Shortle B, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):731–5

Prevention of progesterone–induced lordosis behavior by alpha or beta adrenergic antagonists in ovariectomized estrogen–primed rats. Fernández–Guasti A, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):279–82

BIOSYNTHESIS

Comparison between the effects of FSH and LH on the steroidogenic pattern in isolated pre–ovulatory rat follicles. Carlsson B, et al. **Acta Endocrinol (Copenh)** 1985 Apr; 108(4):557–64

Effects of oestradiol and prolactin on progesterone production by rhesus monkey luteal cells in vitro. Laherty RF, et al. **Acta Endocrinol (Copenh)** 1985 Feb;108(2):266–72

Insulin stimulates granulosa cells: increased progesterone and cAMP production in vitro. Ciancio MJ, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):E468–74

Influence of follicular maturation on luteinizing hormone–, cyclic 3',5'–adenosine monophosphate–, forskolin– and cholesterol–stimulated progesterone production in hen granulosa cells. Asem EK, et al. **Biol Reprod** 1985 Mar; 32(2):257–68

Granulosa cell steroidogenesis before in vitro fertilization. Hillier SG, et al. **Biol Reprod** 1984 Nov;31(4):679–86

Relationship between luteinizing hormone and decidual luteotropin in the maintenance of luteal steroidogenesis. Jayatilak PG, et al. **Biol Reprod** 1984 Oct;31(3):556–64

Influence of high–density lipoprotein on estradiol stimulation of luteal steroidogenesis. Khan I, et al. **Biol Reprod** 1985 Feb;32(1):96–104

Placental steroid production by the basal and labyrinth zones during the latter third of gestation in the rat. Matt DW, et al. **Biol Reprod** 1985 May;32(4):969–77

Effects of prostaglandin F2 alpha on agonist–induced progesterone production in cultured bovine luteal cells. Pate JL, et al. **Biol Reprod** 1984 Oct;31(3):427–35

Inhibition of human placental progesterone synthesis by danazol in vivo. Rabe T, et al. **Biol Res Pregnancy Perinatol** 1984;5(4):149–52

Androgen inhibition of FSH–stimulated progesterone production by granulosa cells of prepubertal pigs. Evans G, et al. **Can J Physiol Pharmacol** 1984 Jul;62(7):840–5

The regulation of steroidogenesis is different in the two types of ovine luteal cells. Hoyer PB, et al. **Can J Physiol Pharmacol** 1985 Mar;63(3):240–8

The role of plasma lipoproteins in steroidogenic response of rat luteal cells during gonadotropin–induced refractory states. Rajendran KG, et al. **Can J Physiol Pharmacol** 1985 Mar;63(3):265–72

Inhibition of Leydig tumor cell steroidogenesis by 10–propargylestr–4–ene–3,17–dione, an irreversible aromatase inhibitor. Zimniski SJ, et al. **Cancer Res** 1985 Oct;45(10):4883–9

Pregnancy in young and aged rats. I. Ovarian progesterone and 20 alpha–hydroxypregn–4–en–3–one formation. Albrecht ED. **Endocrinology** 1984 Oct;115(4):1418–25

Maternal and fetal production rates of progesterone in rhesus macaques: placental transfer and conversion to cortisol. Ducsay CA, et al. **Endocrinology** 1985 Sep;117(3):1253–8

The effects of a gonadotropin–releasing hormone agonist on ovulation and steroidogenesis during perfusion of rabbit and rat ovaries in vitro. Koos RD, et al. **Endocrinology** 1985 Feb;116(2):628–32

Multihormone regulation of steroidogenesis in cultured porcine granulosa cells: studies in serum–free medium. Lino J, et al. **Endocrinology** 1985 Jun;116(6):2143–51

Progesterone production by ectopic corpora lutea is independent of luteinizing hormone–stimulated adenylyl cyclase during early luteal development in the rabbit. Miller JB, et al. **Endocrinology** 1984 Nov;115(5):1990–5

Reevaluation of the effects of cytochalasins on steroidogenesis: studies on hamster granulosa cells. Silavin SL, et al. **Endocrinology** 1984 Oct;115(4):1511–6

Use of antisera to follicle–stimulating hormone (FSH) to detect non–FSH factors in human serum which modulate rat granulosa cell steroidogenesis. Skaf RA, et al. **Endocrinology** 1985 Jul;117(1):106–13

Bipotential actions of estrogen on progesterone biosynthesis by ovarian cells. II. Relation of estradiol's stimulatory actions to cholesterol and progestin metabolism in cultured swine granulosa cells. Veldhuis JD. **Endocrinology** 1985 Sep;117(3):1076–83

The role of cholesterol esterification in ovarian steroidogenesis: studies in cultured swine granulosa cells using a novel inhibitor of acyl coenzyme A: cholesterol acyltransferase. Veldhuis JD, et al. **Endocrinology** 1985 Jan; 116(1):25–30

Progesterone production by human ovarian tissues in response to deglycosylated human chorionic gonadotrophin. Watson J, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Jul;17(5):315–20

Intrafollicular action of estrogen in regulating pituitary–induced ovarian progesterone synthesis and oocyte maturation in Rana pipiens: temporal relationship and locus of action. Lin YW, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):421–35

Synthesis of steroid hormones by granulosa cells of the ovary in vitro. Skrzypczak J. **Ginekol Pol** 1984 May;55(5):301–5

Follicular growth and production of estrogen and progesterone after injection of gilts with human chorionic gonadotropin on day 12 of the estrous cycle. Guthrie HD, et al. **J Anim Sci** 1984 Nov;59(5):1295–302

The effects of taxol, a microtubule–stabilizing drug, on steroidogenic cells. Rainey WE, et al. **J Cell Physiol** 1985 Apr;123(1):17–24

17 beta–estradiol and progesterone production by human granulosa–luteal cells isolated from human menopausal gonadotropin–stimulated cycles for in vitro fertilization. Dlugi AM, et al. **J Clin Endocrinol Metab** 1984 Nov; 59(5):986–92

Human chorionic gonadotropin and prolactin modulation of early luteal function and luteinizing hormone receptor–binding activity in cultured human granulosa–luteal cells. Polan ML, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):773–9

Catechol oestradiol control of FSH–stimulated granulosa cell steroidogenesis. Hudson KE, et al. **J Endocrinol** 1985 Jul; 106(1):R1–4

Prolactin stimulates steroidogenesis by human luteal tissue in vitro. Hunter MG. **J Endocrinol** 1984 Oct;103(1):107–10

Lack of direct inhibitory action of oxytocin on progesterone production by dispersed cells from human corpus luteum. Richardson MC, et al. **J Endocrinol** 1985 Jan;104(1):149–51

Steroidogenesis in granulosa cells during follicular maturation: evidence for desensitization–resensitization during the ovulation cycle. Hertelendy F, et al. **J Exp Zool** 1984 Dec;232(3):513–20 (29 ref.)

Effects of gonadotrophins on progesterone production by isolated granulosa cells of the adenohypophysectomized domestic fowl (Gallus domesticus). Ogawa K, et al. **J Reprod Fertil** 1985 Jan;73(1):79–84

Effect of forskolin on maintenance of meiotic arrest and stimulation of cumulus expansion, progesterone and cyclic AMP production by pig oocyte–cumulus complexes. Racowsky C. **J Reprod Fertil** 1985 May;74(1):9–21

Do small and large luteal cells of the sheep interact in the production of progesterone? Rodgers RJ, et al. **J Reprod Fertil** 1985 Sep;75(1):85–94

Effect of LH on progesterone and oestradiol production in vivo and in vitro by preovulatory rat follicles. Uilenbroek JT. **J Reprod Fertil** 1985 May;74(1):303–10

Lipoprotein augmentation of human chorionic gonadotropin and prolactin stimulated progesterone synthesis by rat luteal cells. Menon M, et al. **J Steroid Biochem** 1985 Jan; 22(1):79–84

Regulation of human placental progesterone synthesis in vitro by naturally occurring steroids. Rabe T, et al. **J Steroid Biochem** 1985 May;22(5):657–64

The role of malic enzyme in the malate dependent biosynthesis of progesterone in the mitochondrial fraction of human term placenta. Swierczyński J, et al. **J Steroid Biochem** 1985 Mar;22(3):415–8

Role of the pituitary and conceptuses in the regulation of the luteal steroidogenesis in the mid–pregnant rat. Yamashita H. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct;36(10):1952–6

Progesterone production in adenocarcinoma of the colon metastatic to the ovaries. Jolles CJ, et al. **Obstet Gynecol** 1985 Jun;65(6):853–7

Calcium–dependent, cyclic nucleotide–independent steroidogenesis in the bovine placenta. Shemesh M, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6403–7

Effect of PGF–2 alpha on progesterone production in swine luteal cells at different stages of the luteal phase. Mattioli M, et al. **Prostaglandins Leukotrienes Med** 1985 Jan; 17(1):43–54

Characteristics of the inhibitory effect of chronic treatment with an LHRH agonist on testicular steroidogenesis in the dog. Tremblay Y, et al. **Prostate** 1984;5(6):631–8

Significance of the delta 5 and delta 4 steroidogenic pathways in the hamster preovulatory follicle. Makris A, et al. **Steroids** 1983 Dec;42(6):641–51

In vitro progesterone production of corpus luteum cells of cows fed low and high levels of beta–carotene. Pethes G, et al. **Zentralbl Veterinarmed** [A] 1985 Apr;32(4):289–96

[Biosynthesis of steroid hormones in the fetoplacental unit] Nakayama T, et al. **Nippon Rinsho** 1984 Nov;42(11):2404–9 (24 ref.) **(Jpn)**

[Effect of steroids on the formation of progesterone in the fetal membrane] Hori D. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jun;37(6):982–90 (Eng. Abstr.) **(Jpn)**

BLOOD

Endocrinological effects of single daily ketoconazole administration in male beagle dogs. De Coster R, et al. **Acta Endocrinol (Copenh)** 1984 Oct;107(2):275–81

Corpus luteum function assessed by serial serum progesterone measurements after laparoscopic endotherm sterilization. Kirschner R, et al. **Acta Eur Fertil** 1985 May–Jun; 16(3):169–73

Quantitative changes in steroid and peptide hormones in the maternal–fetoplacental system between the 28th–40th weeks of pregnancy. Hercz P. **Acta Med Hung** 1985; 42(1–2):29–39

Episodic secretion of hormones and the diagnostic value of single blood estimates. II. Progesterone, oestradiol and oestrone. Siklósi G, et al. **Acta Med Hung** 1984;41(4):203–11

Serum progesterone levels in early imminent abortion. Balogh A, et al. **Acta Physiol Hung** 1985;65(3):275–9

Porcine follicular fluid treatment at proestrus diminishes the serum progesterone level of rats in early pregnancy. Guoth J, et al. **Acta Physiol Hung** 1985;65(1):53–5

Peripheral blood concentrations of progesterone and oestradiol during human pregnancy and delivery. Kauppila A, et al. **Acta Physiol Hung** 1985;65(4):473–8

Sequential hormone measurements after menstrual regulation in normal Nigerian women. Osotimehin B, et al. **Afr J Med Med Sci** 1985 Mar–Jun;14(1–2):105–9

Preterm delivery is not predicted by serial plasma estradiol or progesterone concentration measurements. Block BS, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):716–22

Interaction of ovarian steroids and periarterial alpha 1-adrenergic receptors in altering uterine blood flow during the estrous cycle of gilts. Ford SP, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):480–4

Hormone levels and premenstrual syndrome [letter] Martin AJ. **Am J Obstet Gynecol** 1985 Jun 1;152(3):361–2

Aspects of bacteriology and endocrinology of cows with pyometra and retained fetal membranes. Olson JD, et al. **Am J Vet Res** 1984 Nov;45(11):2251–5

Diabetes-associated alterations in uterine structure in the C57BL/KsJ mouse: relationship to changes in estradiol accumulation, circulating ovarian steroid levels, and age. Garris DR. **Anat Rec** 1985 Apr;211(4):414–9

Postpartum regeneration of the guinea pig endometrium: relationship to serum estradiol and progesterone concentrations. Garris DR. **Anat Rec** 1984 Sep;210(1):41–4

The value of ovarian and placental steroid determinations in abnormal early pregnancy. Distler W, et al. **Arch Gynecol** 1985;236(3):153–60

Contribution to the pathogenesis of dysmenorrhea. Zahradnik HP, et al. **Arch Gynecol** 1984;236(2):99–108

Episodic secretion of human chorionic gonadotropin. Ayala AR, et al. **Arch Invest Med (Mex)** 1984 Apr–Jun; 15(2):147–53 **(Eng, Spa)**

Oxetorone-induced hyperprogesteronemia and the development of uterine decidual lesions in rats. Barchewitz G, et al. **Arzneimittelforsch** 1984;34(9):1007–10

Relationship between prostaglandin F and steroids in human peripheral venous plasma and concentration of prostaglandin F in corpus luteum. Tanaka S, et al. **Asia Oceania J Obstet Gynaecol** 1984 Sep;10(3):367–73

Total and free plasma concentrations of progesterone, cortisol and oestradiol-17 beta during pregnancy, parturition and early lactation in sows. Whitely JL, et al. **Aust J Biol Sci** 1984;37(4):267–76

Ovulatory response, and plasma concentrations of luteinizing hormone and progesterone following administration of synthetic mammalian or chicken luteinizing hormone-releasing hormone relative to the first or second ovulation in the sequence of the domestic hen. Johnson AL, et al. **Biol Reprod** 1984 Nov;31(4):646–55

Fertility control in the bitch by active immunization with porcine zonae pellucidae: use of different adjuvants and patterns of estradiol and progesterone levels in estrous cycles. Mahi-Brown CA, et al. **Biol Reprod** 1985 May; 32(4):761–72

Immunoreactive luteinizing hormone, estradiol, progesterone, testosterone, and androstenedione levels during the breeding season and anestrus in Siberian tigers. Seal US, et al. **Biol Reprod** 1985 Mar;32(2):361–8

Maintenance of pregnancy and levels of progesterone and relaxin in the serum of gilts following a stepwise reduction in the number of corpora lutea. Thomford PJ, et al. **Biol Reprod** 1984 Oct;31(3):494–8

Sex steroid hormone concentrations in preterm labour and the outcome of treatment with ritodrine. Hanssens MC, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):698–702

Serum chorionic gonadotrophin (hCG), schwangerschaftsprotein 1 (SP1), progesterone and oestradiol levels in patients with nausea and vomiting in early pregnancy. Masson GM, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):211–5

Serum levels of progesterone and some of its metabolites including deoxycorticosterone after oral and parenteral administration. Ottoson UB, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1111–9

Hormonal studies in women with premenstrual tension. Watts JF, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):247–55

Progesterone, cortisol and oestradiol-17 beta in the initiation of human parturition: partitioning between free and bound hormone in plasma. Willcox DL, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):65–71

Plasma progesterone concentrations in superovulated heifers determined by enzymeimmunoassay and radioimmunoassay. Boland MP, et al. **Br Vet J** 1985 Jul–Aug;141(4):409–15

Reproductive activity of poll Dorset ewes following shearing in January. Williams HL. **Br Vet J** 1984 Sep–Oct; 140(5):517–8

Morphological and hormonal features of an ovine and a caprine intersex. Bosu WT, et al. **Can J Comp Med** 1984 Oct;48(4):402–9

Solid-phase chemiluminescence immunoassay for progesterone in unextracted serum. De Boever J, et al. **Clin Chem** 1984 Oct;30(10):1637–41

Analyses for progesterone in serum by gas chromatography/mass spectrometry: target data for external quality assessment of routine assays. Gaskell SJ, et al. **Clin Chem** 1984 Oct;30(10):1696–700

Assessment of corpus luteum function by direct radioimmunoassay for progesterone in blood spotted on filter paper. Petsos P, et al. **Clin Chem** 1985 Aug; 31(8):1289–93

Effect of serum-separating gels on progesterone assays [letter] Smith RL. **Clin Chem** 1985 Jul;31(7):1239

Effect of deluteinization on plasma progesterone concentration and gestation in the lizard, Anolis carolinensis. Guillette LJ Jr, et al. **Comp Biochem Physiol [A]** 1985;80(3):303–6

Immediate postabortal contraception with Norplant: levonorgestrel, gonadotropin, estradiol, and progesterone levels over two postabortal months and return of fertility after removal of Norplant capsules. Kurunmäki H, et al. **Contraception** 1984 Nov;30(5):431–42

Inhibition of luteal phase progesterone levels in the rhesus monkey by epostane. Snyder BW, et al. **Contraception** 1985 May;31(5):479–86

The endocrinological profile of normal menstrual cycles in a population of Chinese women. Xiao BL, et al. **Contraception** 1985 Mar;31(3):217–30

Changes in the concentrations of plasma steroid hormone and plasma 13, 14-dihydro-15-oxo-prostaglandin F2 alpha in late pregnancy rabbits treated with an inhibitor of 3 beta-hydroxysteroid dehydrogenase. Makimura N, et al. **Endocrinol Jpn** 1984 Jun;31(3):349–53

Effect of the antiestrogen ethamoxytriphetol (MER-25) and luteectomy on serum progesterone concentrations in pregnant baboons. Albrecht ED, et al. **Endocrinology** 1984 Nov;115(5):1717–21

Relation of circulating estradiol and progesterone to gonadotropin secretion and estrous cyclicity in aging female rats. Lu JK, et al. **Endocrinology** 1985 May; 116(5):1953–9

Influence of litter size on antepartum serum relaxin and progesterone immunoactivity levels and on birth in the rat. Sherwood OD, et al. **Endocrinology** 1985 Jun; 116(6):2554–62

Serum progesterone concentration during the luteal phase in women with benign breast disease. Walsh PV, et al. **Eur J Cancer Clin Oncol** 1984 Nov;20(11):1339–43

Progesterone and pH levels in breech deliveries at term. Farquharson RG, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Oct;18(3):121–5

The lack of relationship between progesterone level in utero-ovarian vein and the number of corpora lutea in the pigs. Kotwica J, et al. **Exp Clin Endocrinol** 1984 Dec; 84(3):356–9

The late luteal phase in infertile women: comparison of simultaneous endometrial biopsy and progesterone levels. Cumming DC, et al. **Fertil Steril** 1985 May;43(5):715–9

Early luteal serum progesterone concentrations are higher in pregnancy cycles. Yovich JL, et al. **Fertil Steril** 1985 Aug;44(2):185–9

Changes of AChE activity in ovarian nerves of pigs in different periods of the oestrous cycle: relationship to ovarian steroids. Lakomy M, et al. **Gegenbaurs Morphol Jahrb** 1984;130(5):719–31

Plasma progesterone levels and corpus luteum morphology in the female prairie dog (Cynomys ludovicianus). Foreman D, et al. **Gen Comp Endocrinol** 1984 Aug;55(2):315–22

The effect of prostaglandin F2 alpha analog on the plasma concentration of progesterone in the bandicoot, Isoodon macrourus (Marsupialia:Peramelidae), during lactation. Gemmell RT. **Gen Comp Endocrinol** 1985 Mar;57(3):405–10

Serum hormonal profile in women with congenital uterovaginal absence. Kotarski J, et al. **Ginekol Pol** 1984 Oct;55(10):777–81

Sex steroid hormones influence the cAMP content in human endometrium during the menstrual cycle. Pansini F, et al. **Gynecol Obstet Invest** 1984;18(4):174–7

Predictive value of uterine contractility and the serum levels of progesterone and oestrogens with regard to preterm labour. Smit DA, et al. **Gynecol Obstet Invest** 1984; 18(5):252–63

17-beta Estradiol and progesterone levels in plasma of rhesus monkeys bearing copper-T device. Chandra G, et al. **Horm Metab Res** 1985 Jun;17(6):323

Reproductive hormone profiles in regularly menstruating Sudanese women. El Sheikh MA, et al. **Int J Gynaecol Obstet** 1984 Jun;22(3):243–9

Effects of electroejaculation and ketamine-HC1 on serum cortisol, progesterone, and testosterone in the male cat. Carter KK, et al. **J Androl** 1984 Nov–Dec;5(6):431–7

Relationship between LH and testicular development in progesterone-implanted prepubertal ram lambs. Echternkamp SE, et al. **J Anim Sci** 1984 Aug;59(2):441–53

Changes in plasma progesterone concentrations around the time of the luteinizing hormone surge in women superovulated for in vitro fertilization. Trounson AO, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1075–80

Progesterone responses to human chorionic gonadotropin in dairy cattle supplemented with beta-carotene. Bindas EM, et al. **J Dairy Sci** 1984 Dec;67(12):2978–85

Plasma progesterone concentrations and infant temperament. Weissbluth M, et al. **J Dev Behav Pediatr** 1984 Oct; 5(5):251–3

Pre-parturitional changes in serum prolactin, placental lactogen, growth hormone, progesterone, and corticosterone in the C3H/HeN mouse. Soares MJ, et al. **J Dev Physiol** 1984 Oct;6(5):423–9

Non-protein-bound oestradiol and progesterone in human peripheral plasma before labour and delivery. Anderson PJ, et al. **J Endocrinol** 1985 Jan;104(1):7–15

Production rate, metabolic clearance rate and blood concentration of progesterone in conscious and anaesthetized pregnant rats. Waddell BJ, et al. **J Endocrinol** 1984 Sep;102(3):357–63

Androstenedione, 17 beta-estradiol and progesterone plasma levels in gonadotropins induction of ovulation. Scirpa P, et al. **J Endocrinol Invest** 1984 Aug;7(4):357–62

Progesterone and luteinizing hormone secretion following stress-induced interruption of constant estrus in aged rats. Miller AE, et al. **J Gerontol** 1985 Mar;40(2):129–32

The effects of three techniques of tubal occlusion on ovarian hormones and menstruation. Virutamasen P, et al. **J Med Assoc Thai** 1984 Apr;67(4):201–10

Luteinizing hormone and gonadal steroid levels during the menstrual cycle of orangutans. Nadler RD, et al. **J Med Primatol** 1984;13(6):305–14

Neonatal androgen abolishes clock-timed gonadotrophin release in prepubertal and adult female hamsters. Donham RS, et al. **J Reprod Fertil** 1985 Jan;73(1):215–21

Plasma concentrations of progesterone and 13,14-dihydro-15-keto-prostaglandin F-2 alpha during regression of the corpora lutea of lactation in the bandicoot (Isoodon macrourus). Gemmell RT. **J Reprod Fertil** 1984 Nov;72(2):295–9

Comparison of the rate of decline in plasma progesterone concentrations at a natural and progesterone-synchronized oestrus and its effect on tonic LH secretion in the ewe. Haresign W. **J Reprod Fertil** 1985 Sep;75(1):231–6

Relationship between corpora lutea or fetal number and plasma concentrations of progesterone and testosterone in mice. Humphreys EM, et al. **J Reprod Fertil** 1985 Sep; 75(1):7–15

Plasma progesterone concentrations, ovarian and endocrinological response and sperm transport in ewes with synchronized oestrus. Pearce DT, et al. **J Reprod Fertil** 1985 Sep;75(1):49–62

Maternal serum progesterone, 17 beta-estradiol and estriol are increased in pregnancies which follow treatment with human menopausal gonadotropins: effects of multiple gestation and maternal endocrine status. Haning RV Jr, et al. **J Steroid Biochem** 1985 Jun;22(6):823–9

Plasma progesterone concentrations during the estrous cycle, pregnancy, and lactation in the Chinese hamster, Cricetulus griceus. Sato T, et al. **Jikken Dobutsu** 1984 Oct;33(4):501–8

Progesterone as a predictor of cyclicity in Bolivian squirrel monkeys during the breeding season. Aksel S, et al. **Lab Anim Sci** 1985 Feb;35(1):54–7

Causes of implantation failure after in-vitro fertilisation and embryo transfer [letter] O'Neill C, et al. **Lancet** 1985 Sep 14;2(8455):615

Induction of estrus in bitches with exogenous gonadotropins, and pregnancy rate and blood progesterone profiles. Nakao T, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):17–24

Relationship of plasma estradiol and progesterone levels to egg productivity in domestic chicken hens. Leszczynski DE, et al. **Poult Sci** 1985 Mar;64(3):545–9

Effect of PGF2 alpha administration on the release of endogenous PGF2 alpha and oxytocin in indomethacin-treated goats. Homeida AM, et al. **Res Vet Sci** 1985 Jul;39(1):66–9

Current concepts in premenstrual syndrome. Ullman LE. **RI Med J** 1985 Jun;68(6):269–72

Simultaneous quantification of progesterone, estrone, estradiol-17 beta and corticosterone in female American kestrel plasma. Rehder NB, et al. **Steroids** 1984 Apr; 43(4):371–83

Plasma progesterone and gonadotrophin concentrations following norgestomet treatment with and without cloprostenol in beef cows. Peters AR. **Vet Rec** 1984 Aug 25;115(8):164–6

The effect of a long-acting carba analogue of oxytocin on prostaglandin F2 alpha metabolite levels during the oestrous cycle in swine. Cort N, et al. **Zentralbl Veterinarmed [A]** 1984 Aug;31(7):489–98

[The antifertility action of anordrin and its effect on plasma levels of progesterone in rabbits] Gu XG. **Yao Hsueh Hsueh Pao** 1985 Feb;20(2):84–8 (Eng. Abstr.) **(Chi)**

[Luteal insufficiency and endometriosis. Comparative study of plasma progesterone and of the evolutionary stage] Tzingounis V, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(4):455–8 (Eng. Abstr.) **(Fre)**

[Progesterone secretion during male-induced cycle in the Creole goat in anestrus: seasonal effects] Chemineau P, et al. **Reprod Nutr Dev** 1984;24(5A):557–61 (Eng. Abstr.) **(Fre)**

[Determination of progesterone in serum. Clinical significance in early pregnancy] Friedrich F, et al. **Fortschr Med** 1984 Nov 8;102(41):1053–5 (Eng. Abstr.) **(Ger)**

[Place of follicle-lutein cysts in the estrus cycle of cows: histological, cytological and hormone analysis studies] Gasse H, et al. **Zentralbl Veterinarmed [A]** 1984 Aug; 31(7):548–56 (Eng. Abstr.) **(Ger)**

[The influences of prostaglandin E2 on hormones in maternal-fetoplacental unit] Miyakawa I, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1197–202 (Eng. Abstr.) **(Jpn)**

[Local uterine hormonemia and steroid hormone receptors] Savitskiĭ GA, et al. **Akush Ginekol (Mosk)** 1985 Feb; (2):19–22 (Eng. Abstr.) **(Rus)**

[Effect of ACTH on the corticosteroid and progesterone levels in female hamadryas baboons in relation to the menstrual cycle phase] Todua TN, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):135–7 (Eng. Abstr.) **(Rus)**

[Significance of progesterone in the pathogenesis and treatment of pulmonary hypertension and cardiopulmonary failure] Pribylova NN, et al. **Ter Arkh** 1984;56(9):94–7 (Eng. Abstr.) **(Rus)**

[Blood content of testosterone, progesterone and aldosterone in patients with chronic hepatitis and liver cirrhosis] Rosin IuA. **Vrach Delo** 1984 Sep;(9):36–8 (Eng. Abstr.) **(Rus)**

[Dynamics of exogenous progesterone in the blood of pigs stressed with polychlorobiphenyls (PCB)] Kačmár P, et al. **Vet Med (Praha)** 1985 Jun;30(6):323–30 (Eng. Abstr.) **(Slo)**

DIAGNOSTIC USE

[Intradermal hormone test in adolescent girls with obesity] Grebova LP. **Pediatriia** 1984 Dec;(12):30–3 **(Rus)**

IMMUNOLOGY

Progesterone sensitivity as a cause of recurrent anaphylaxis. Meggs WJ, et al. **N Engl J Med** 1984 Nov 8;311(19):1236–8

Unraveling the mystery of idiopathic anaphylaxis [editorial] Sheffer AL. **N Engl J Med** 1984 Nov 8;311(19):1248–9

METABOLISM

Effects of pregnant mare's serum gonadotrophin administered in vivo on steroid accumulation by isolated rabbit ovarian follicles. YoungLai EV. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):531–7

Conversion of oral progesterone into deoxycorticosterone during postmenopausal replacement therapy. Ottosson UB, et al. **Acta Obstet Gynecol Scand** 1984;63(7):577–9

Histochemical localization of specific estrogen and progesterone binding in human endometrium and endometriotic tissue. A preliminary report. Bergqvist A, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:15–6

Progesterone distribution in the brain of the PMSG treated female rat. Bixo M, et al. **Acta Physiol Scand** 1984 Nov;122(3):355–9

Functional zonation of the midgestation human fetal adrenal cortex: fetal versus definitive zone use of progesterone for cortisol synthesis. Branchaud CL, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):271–7

Implantation of the rabbit blastocyst: sequential changes in estradiol and progesterone and their receptors. Khan-Dawood FS, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):450–5

Gap junctions and myometrial steroid hormone receptors in pregnant and postpartum rats: a possible cellular basis for the progesterone withdrawal hypothesis. Saito Y, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):805–12

Use of a monoclonal antibody specific for rabbit microsomal cytochrome P-450 3b to characterize the participation of this cytochrome in the microsomal 6 beta- and 16 alpha-hydroxylation of progesterone. Reubi I, et al. **Biochemistry** 1984 Sep 25;23(20):4598–603

Luteinizing hormone receptors and progesterone content in porcine corpora lutea after prostaglandin F2 alpha. Barb CR, et al. **Biol Reprod** 1984 Dec;31(5):913–9

Hormone-stimulable adenylyl cyclase and steroid concentration of follicles of the pregnant mare's serum gonadotropin-treated hen. Johnson PA, et al. **Biol Reprod** 1985 May;32(4):828–33

Steroid biosynthesis in turtle testes. Bourne AR, et al. **Comp Biochem Physiol [B]** 1985;81(3):793–6

In vitro 16 alpha-hydroxylation of progesterone by testes of crab-eating monkey (Macaca irus): a characteristic of primates? Inano H, et al. **Comp Biochem Physiol [B]** 1985;81(1):55–7

Interrenal function during amphibian metamorphosis: in vitro biosynthesis of radioactive corticosteroids from (4(14)C)-progesterone by interrenal in Xenopus laevis tadpoles. Jolivet-Jaudet G, et al. **Comp Biochem Physiol [B]** 1984;79(2):239–44

Phorbol ester regulation of rat granulosa cell prostaglandin and progesterone accumulation. Kawai Y, et al. **Endocrinology** 1985 Jun;116(6):2320–6

Secretion of luteinizing hormone (LH) and pituitary receptors for LH-releasing hormone as modified by the proestrous surge of progesterone. Witcher JA, et al. **Endocrinology** 1984 Dec;115(6):2189–94

Evaluation of luteal-phase salivary progesterone levels in women with benign breast disease or primary breast cancer. Read GF, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):9–17

Secretion of catecholamines, ascorbic acid, progesterone and corticosterone by in-vitro superfusion from the adrenal of the Mongolian gerbil (Meriones Unguiculatus): effects of confinement stress. Fenske M. **Exp Clin Endocrinol** 1984 Oct;84(2):174–82

Effects of progesterone, progestogens, and danazol on the specific cortisol binding in human plasma. Ottosson UB, et al. **Fertil Steril** 1985 Jun;43(6):856–60

Seasonal variations of androgens, estrogens, and progesterone in the different lobules of the testis and in the plasma of Salamandra salamandra. Lecouteux A, et al. **Gen Comp Endocrinol** 1985 May;58(2):211–21

The in vitro metabolism of radioactive progesterone and testosterone by the gonads of the protandrous Rhabdosargus sarba at various sexual phases. Yeung WS, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):171–83

Direct effect of androgens on progesterone binding and metabolism in rat testis microsomes. Kühn-Velten N, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jul;365(7):773–9

Longitudinal studies of luteal function by salivary progesterone determinations. Walker SM, et al. **Horm Res** 1984;20(4):231–40

Changes of luteinizing hormone and progesterone for dairy cows after gonadotropin-releasing hormone at first postpartum breeding. Lee CN, et al. **J Dairy Sci** 1985 Jun;68(6):1463–70

Progesterone, androstenedione and oestradiol content of theca and granulosa tissues of the four largest ovarian follicles during the ovulatory cycle of the hen (Gallus domesticus). Etches RJ, et al. **J Endocrinol** 1984 Oct;103(1):71–6

Dynamics and control of progesterone receptor synthesis in the fetal uterus of the guinea-pig in organ culture. Sumida C, et al. **J Endocrinol** 1985 Jun;105(3):415–21

Characterization of profiles of salivary progesterone concentrations during the luteal phase of fertile and subfertile women. Walker RF, et al. **J Endocrinol** 1985 Mar;104(3):441–6

Histochemical demonstration of estrogen and progesterone binding in endometriotic tissue and in uterine endometrium: A comparative study. Bergqvist A, et al. **J Histochem Cytochem** 1985 Feb;33(2):155–61

Altered concentrations of gonadotrophin, prolactin and GnRH receptors, and endogenous steroids in the abdominal testes of adult unilaterally cryptorchid rats. Bergh A, et al. **J Reprod Fertil** 1985 May;74(1):279–86

Gonadotrophin and progesterone concentrations in placentae of grey seals (Halichoerus grypus). Hobson BM, et al. **J Reprod Fertil** 1984 Nov;72(2):521–8

Elevated peripheral concentrations of LH block ovulation and increase thecal and serum progesterone in the hamster. Rousey S, et al. **J Reprod Fertil** 1985 May;74(1):197–203

Oxidoreductive and hydroxylating metabolism of progesterone in rat liver epithelial cell lines. Desgrès J, et al. **J Steroid Biochem** 1984 Oct;21(4):391–403

Deficiency of 5 alpha-steroid formation in guinea pig ovaries compared with immature rat and hamster ovaries. Nagareda T, et al. **J Steroid Biochem** 1984 Oct;21(4):477–8

Biotransformation of progesterone to 14 alpha-hydroxypregna-1,4-diene-3,20-dione, a novel fungal metabolite, by Colletotrichum antirrhini. Njar VC, et al. **J Steroid Biochem** 1985 Mar;22(3):399–400

Conversion of testosterone and progesterone to oestrone by the ovary of the rat embryo in organ culture. Weniger JP, et al. **J Steroid Biochem** 1984 Sep;21(3):347–9

Administration of GnRH in vivo stimulates progesterone and inhibits androgen accumulation by ovarian follicles isolated from pubertal rabbits. YoungLai EV. **J Steroid Biochem** 1985 Jan;22(1):91–6

Vaginal absorption of oestradiol and progesterone. Kålund-Jensen H, et al. **Maturitas** 1984 Dec;6(4):359–67

Estrogen and progesterone receptors and progesterone metabolism in canine mammary tumours. Inaba T, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):797–803

On the [4-14C]progesterone metabolism of keloid and hypertrophic scar. A preliminary report. Pesonen S, et al. **Scand J Plast Reconstr Surg** 1976;10(3):173–6

Structural requirements for progesterone binding to the hepatic endoplasmic reticulum in the female rat. Ghoshal A, et al. **Steroids** 1984 Jun;43(6):621–30

Metabolism of progesterone and testosterone by a Bacillus sp. Mahato SB, et al. **Steroids** 1984 May;43(5):545–58

Concentrations of luteinising hormone and progesterone in pregnant and non-pregnant heifers. Roche JF, et al. **Vet Rec** 1985 Feb 9;116(6):153–5

Performance and progesterone and oestradiol-17 beta concentrations in fat-free milk of a cow with a cystic ovarian follicle. Roy JH, et al. **Vet Rec** 1985 Apr 6;116(14):370–1

Association between progesterone binding and cytochrome P-450 content of hepatic microsomes in the rat treated with cobalt-haem. Feuer G, et al. **Xenobiotica** 1985 May;15(5):407–12

[Studies of progestin specific binding protein in the human prostate [I]: Studies on basic conditions for the accurate quantitative assay method] Imai K, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Aug 20;60(8):950–63 (Eng. Abstr.) **(Jpn)**

[Metabolism and conjugation of steroid hormones: their active metabolites and prehormone-hormone relationship] Kato T. **Nippon Rinsho** 1984 Nov;42(11):2452–8 (30 ref.) **(Jpn)**

[Action mechanism of estrogens and progesterone] Terakawa N, et al. **Nippon Rinsho** 1984 Nov;42(11):2447–51 (28 ref.) **(Jpn)**

[Estrogen and progesterone receptors in the decidual tissue of women administered prostaglandins and experiencing spontaneous abortion] Asribekova MK, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):26–9 (Eng. Abstr.) **(Rus)**

[Steroidal regulation of the normal human oviduct] Devoto L, et al. **Rev Med Chil** 1984 Aug;112(8):821–5 (Eng. Abstr.) **(Spa)**

PHARMACODYNAMICS

Effects of progesterone on nuclear ribonucleoprotein constituents of endometrial cells of the rat. Echeverría OM, et al. **Acta Anat (Basel)** 1985;122(4):205–11

The effects of progesterone on gonadotrophin release in hypogonadal women. Minakami H, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):456–61

Ovarian steroid hormones. Effects on mood, behaviour and brain excitability. Bäckström T, et al. **Acta Obstet Gynecol Scand [Suppl]** 1985;130:19–24

Influence of the oral administration of micronized progesterone on plasma and tissue levels of steroids in human pregnancy. Ferre F, et al. **Acta Physiol Hung** 1985;65(4):443–51

Effect of oestrogen and progesterone on the blood flow in the lower urinary tract of the rabbit. Batra S, et al. **Acta Physiol Scand** 1985 Feb;123(2):191–4

Inhibition of Xenopus oocyte adenylate cyclase by progesterone: a novel mechanism of action. Sadler SE, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985;19:179–94

Influence of ovarian steroids on prostaglandin- and leukotriene-induced uterine contractions. Hahn DW, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):87–91

Hemodynamics during pregnancy and sex steroid administration in guinea pigs. Hart MV, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R179–85

Effect of conceptus number, hysterectomy, and progesterone on prolactin surges in rats. Tonkowicz PA, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E269–73

The local antiandrogenic effect of the intracutaneous injection of progesterone in the flank organ of sexually mature male Syrian golden hamster. Orentreich N, et al. **Arch Dermatol Res** 1984;276(6):401–5

Effects of pregnant mouse serum and pregnancy hormones on the replication in vitro of murine cytomegalovirus. Chong KT, et al. **Arch Virol** 1984;82(3–4):223–31

Effects of estradiol-17 beta and progesterone on cell proliferation and differentiation of the human endometrial carcinoma cell line (HHUA) in vitro. Ishiwata I, et al. **Asia Oceania J Obstet Gynaecol** 1984 Dec;10(4):531–8

Effects of estradiol and progesterone on the increased synthesis of collagen in atherosclerotic rabbit aortas. Fischer GM, et al. **Atherosclerosis** 1985 Feb;54(2):177–85

Effects of ovarian hormones on ovarian capillary blood flow in anoestrous ewes. Brown BW, et al. **Aust J Biol Sci** 1984;37(5–6):389–92

Effect of progesterone alone and in combination with either corticosterone, 17 beta-estradiol or insulin on prolactin-stimulated fatty acid synthesis in mammary explants from pseudopregnant rabbits. Martyn P, et al. **Aust J Biol Sci** 1984;37(1–2):79–84

A progestin effect on lactate dehydrogenase in the human breast cancer cell line T-47D. Hagley RD, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):520–4

Effects of 17 beta-estradiol and progesterone on intestinal digestive and absorptive functions in ovariectomized rats. Singh R, et al. **Biochem Int** 1985 May;10(5):777–86

Gamma-glutamyltransferase activity in mammary gland of pregnant rats and its regulation by ovarian hormones, prolactin and placental lactogen. Bussmann LE, et al. **Biochem J** 1984 Oct 1;223(1):275–7

Modulation of pulsatile luteinizing hormone secretion by ovarian steroids in the rat. Goodman RL, et al. **Biol Reprod** 1985 Mar;32(2):217–25

Alterations in the onset of ovulatory failure and gonadotropin secretion following steroid administration to lightly androgenized female rats. Handa RJ, et al. **Biol Reprod** 1985 Mar;32(2):248–56

Deciduomal response in androgenized rats: effect of age and steroid replacement therapy. Matton P, et al. **Biol Reprod** 1985 Jun;32(5):1095–100

Pituitary luteinizing hormone-releasing hormone receptors in ovariectomized cows after challenge with ovarian steroids. Schoenemann HM, et al. **Biol Reprod** 1985 Apr;32(3):574–83

Effect of estrogen and progesterone on the development of endometrial hyperplasia in the Fischer rat. Tang FY, et al. **Biol Reprod** 1984 Sep;31(2):399–413

Factors influencing the progesterone-induced luteinizing hormone surge in rhesus monkeys: diurnal influence and time interval after estrogen. Terasawa E, et al. **Biol Reprod** 1984 Nov;31(4):732–41

Estradiol and progesterone regulation of immunoglobulin A and G and secretory component in cervicovaginal secretions of the rat. Wira CR, et al. **Biol Reprod** 1985 Feb;32(1):90–5

In vivo modulation of outward Na+, K+ cotransport by oestradiol and progesterone in rat red cells. Franck D, et al. **Biomed Biochim Acta** 1984;43(6):S91–3

Progesterone enhances reactive oxygen intermediates production by cultured human monocytes. Martinoli C, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1871–7

Progesterone inhibits prolactin and growth hormone release from fowl pituitary glands in vitro. Hall TR, et al. **Br Poult Sci** 1984 Oct;25(4):555–9

Striatal dopamine release stimulated by amphetamine or potassium: influence of ovarian hormones and the light-dark cycle. Becker JB, et al. **Brain Res** 1984 Oct 8;311(1):157–60

Relationship of endocrine function to inhibition of kindling. Holmes GL, et al. **Brain Res** 1984 Sep;318(1):55–9

The effect of progesterone on kindling: a developmental study. Holmes GL, et al. **Brain Res** 1984 Sep;318(1):45–53

Progesterone stimulates sexual behaviour in female rats by increasing 5-HT activity on 5-HT2 receptors. Wilson CA, et al. **Brain Res** 1985 May 6;333(2):223–9

The effect of estrogen, progesterone, thyroxine, and human placental lactogen on DNA synthesis of human breast ductal epithelium maintained in athymic nude mice. McManus MJ, et al. **Cancer** 1984 Nov 1;54(9):1920–7

Heat-shock response in Xenopus oocytes during meiotic maturation and activation. Baltus E, et al. **Cell Differ** 1985 May;16(3):161-8

Early stimulation of phospholipid methylation in Xenopus oocytes by progesterone. Godeau F, et al. **Cell Differ** 1985 Feb;16(1):35-41

Changes in membrane hydrogen and sodium conductances during progesterone-induced maturation of Ambystoma oocytes. Baud C, et al. **Dev Biol** 1984 Oct;105(2):423-34

Gonadotropins and the timing of progesterone-induced meiotic maturation of Xenopus laevis oocytes. LaMarca MJ, et al. **Dev Biol** 1985 May;109(1):32-40

The maturation response of stage IV, V, and VI Xenopus oocytes to progesterone stimulation in vitro. Wasserman WJ, et al. **Dev Biol** 1984 Oct;105(2):315-24

Does the guanine nucleotide regulatory protein Ni mediate progesterone inhibition of Xenopus oocyte adenylate cyclase? Goodhardt M, et al. **EMBO J** 1984 Nov; 3(11):2653-7

Demonstration of an antiglucocorticoid action of progesterone on the corticosterone inhibition of beta-endorphin release by rat anterior pituitary in primary culture. Abou Samra AB, et al. **Endocrinology** 1984 Oct; 115(4):1471-5

Progesterone decreases the responsiveness of ovine pituitary cultures to luteinizing hormone-releasing hormone. Batra SK, et al. **Endocrinology** 1985 Oct;117(4):1436-40

In vitro and in vivo antagonistic regulation by estradiol and progesterone of the rat pituitary domperidone binding sites: correlation with ovarian steroid regulation of the dopaminergic inhibition of prolactin secretion in vitro. Bression D, et al. **Endocrinology** 1985 May;116(5):1905-11

Effects of ovarian hormones on the concentrations of immunoreactive neuropeptide Y in discrete brain regions of the female rat: correlation with serum luteinizing hormone (LH) and median eminence LH-releasing hormone. Crowley WR, et al. **Endocrinology** 1985 Sep; 117(3):1151-5

Stimulation of mammary epithelial cell growth in vitro: interaction of epidermal growth factor and mammogenic hormones. Imagawa W, et al. **Endocrinology** 1985 Apr; 116(4):1514-24

In vitro luteinizing hormone-releasing hormone release from superfused rat hypothalami: site of action of progesterone and effect of estrogen priming. Kim K, et al. **Endocrinology** 1985 Jan;116(1):252-8

Effects of progesterone and tamoxifen on glucocorticosteroid-induced egg-white protein synthesis in the chick oviduct. Le Bouc Y, et al. **Endocrinology** 1985 Jun;116(6):2384-92

Transformation of chick oviduct progesterone receptor in vitro: effects of hormone, salt, heat, and adenosine triphosphate. Moudgil VK, et al. **Endocrinology** 1985 Apr; 116(4):1267-74

Effect of ovarian hormones on glucose metabolism in mouse soleus muscle. Puah JA, et al. **Endocrinology** 1985 Oct; 117(4):1336-40

Diencephalic sites of progesterone action for inhibiting aggression and facilitating sexual receptivity in estrogen-primed golden hamsters. Takahashi LK, et al. **Endocrinology** 1985 Jun;116(6):2393-9

An increase in single unit activity of the medial basal hypothalamus occurs during the progesterone-induced luteinizing hormone surge in the female rhesus monkey. Yeoman RR, et al. **Endocrinology** 1984 Dec;115(6):2445-52

'In vitro' effect of progesterone on alpha-L-fucosidase activity of human endometrium. Vesce F, et al. **Eur J Gynaecol Oncol** 1985;6(2):154-6

Progesterone and estrogens in rat brain: modulation of GABA (gamma-aminobutyric acid) receptor activity. Maggi A, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):165-8

Effect of sex, ovariectomy and female sex hormones on neutral cholesterol ester hydrolase in rat liver. Gandarias JM, et al. **Exp Clin Endocrinol** 1984 Dec;84(3):262-70

Pertussis toxin facilitates the progesterone-induced maturation of Xenopus oocyte. Possible role of protein phosphorylation. Mulner O, et al. **FEBS Lett** 1985 Feb 25; 181(2):397-402

Treatment of oocyte membranes with the 2',3'-dialdehyde of guanosine triphosphate reduces progesterone inhibition of adenylyl cyclase. Olate J, et al. **FEBS Lett** 1985 Jun 3;185(1):170-6

Oocyte adenylyl cyclase contains Ni, yet the guanine nucleotide-dependent inhibition by progesterone is not sensitive to pertussis toxin. Olate J, et al. **FEBS Lett** 1984 Sep 17;175(1):25-30

Effect of intranasal administration of norethisterone and progesterone on pituitary and gonadal function in adult male and female bonnet monkeys (Macaca radiata). Moudgal RN, et al. **Fertil Steril** 1985 Jul;44(1):120-4

Progesterone and 17 alpha-hydroxyprogesterone advance the estrogen-induced bioassayable luteinizing hormone surge in castrate monkeys. Schenken RS, et al. **Fertil Steril** 1985 Feb;43(2):301-7

Steroidal regulation of endometriosis tissue: lack of induction of 17 beta-hydroxysteroid dehydrogenase activity by progesterone, medroxyprogesterone acetate, or danazol. Vierikko P, et al. **Fertil Steril** 1985 Feb;43(2):218-24

Comparative studies on spermatogenesis in the pigeon and toad as influenced by testosterone propionate and progesterone. Chowdhury AR. **Folia Biol (Krakow)** 1984; 32(3):195-9

Effect of progesterone on canine colonic smooth muscle. Gill RC, et al. **Gastroenterology** 1985 Jun;88(6):1941-7

Effect of progesterone on the sexual behavior of the male Japanese quail. Bottoni L, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):345-51

Evidence for a positive feedback interaction between progesterone and luteinizing hormone in the induction of ovulation in the hen, Gallus domesticus. Johnson PA, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):478-85

Hormonal influence on the response of the uterus of the Brazilian marsupial Didelphis albiventris to adrenergic drugs. Rocha LR, et al. **Gen Comp Endocrinol** 1985 May; 58(2):179-85

Role of progesterone in the control of female sexual receptivity in Anolis carolinensis. Wu J, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):402-6

Effect of administration of progesterone on beta hCG blood level in early pregnancy. Preliminary report. Yosef SM, et al. **Gynecol Obstet Invest** 1984;18(2):113-5

Ultrastructural study of cultured smooth muscle cells from uterine leiomyoma and myometrium under the influence of sex steroids. Kawaguchi K, et al. **Gynecol Oncol** 1985 May;21(1):32-41

Effect of gonadotropins and gonadal hormones on female fish thyroid peroxidase activity. Chakraborti P, et al. **Indian J Biochem Biophys** 1984 Apr;21(2):85-8

Influence of progesterone and estrogen administration on the recrudescence patterns of Plasmodium knowlesi infection in female rhesus monkeys (Macaca mulatta) following initial subcurative chloroquine therapy. Dutta GP, et al. **Indian J Malariol** 1984 Dec;21(2):79-88

Inhibitory effect of estradiol-17 beta and progesterone on bactericidal activity in uteri of rabbits infected with Escherichia coli. Matsuda H, et al. **Infect Immun** 1985 Jun; 48(3):652-7

Effects of ovarian hormones on manifestation of purulent endometritis in rat uteruses infected with Escherichia coli. Nishikawa Y, et al. **Infect Immun** 1985 Jan;47(1):311-7

Growth inhibition of fibroblasts by progesterone and medroxyprogesterone in vitro. Comini Andrada E, et al. **Int Arch Allergy Appl Immunol** 1985;76(2):97-100

Effects of dexamethasone, progesterone, and testosterone on IOP and GAGs in the rabbit eye. Knepper PA, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1093-100

Uterine involution in mares treated with progesterone and estradiol-17 beta. Sexton PE, et al. **J Am Vet Med Assoc** 1985 Feb 1;186(3):252-6

The effect of parenteral use of estradiol, progesterone, testosterone and trenbolone on growth and carcass composition in pigs. De Wilde RO, et al. **J Anim Sci** 1984 Dec;59(6):1501-9

Reevaluation of the role of progesterone in stimulating sexual receptivity in estrogen-treated gilts. Ford JJ. **J Anim Sci** 1985 Jul;61(1):36-43

Isolation of cytochrome P-450 highly active in prostaglandin omega-hydroxylation from lung microsomes of rabbits treated with progesterone. Yamamoto S, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):593-603

Progesterone-inhibited phosphorylation of an unique Mr 48,000 protein in the plasma membrane of Xenopus laevis oocytes. Blondeau JP, et al. **J Biol Chem** 1985 Mar 25; 260(6):3617-25

In vitro effects of ovarian steroids on prostaglandin F2 alpha output by human endometrium and endometrial epithelial cells. Schatz F, et al. **J Clin Endocrinol Metab** 1985 Aug; 61(2):361-7

Hyperprolactinemia induced by an estrogen-progesterone synergy: quantitative and temporal effects of estrogen priming in monkeys. Williams RF, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):126-32

Progesterone interaction with eosinophils and with responses already induced by oestrogen in the uterus. Grunert G, et al. **J Endocrinol** 1984 Sep;102(3):295-303

Antioestrogen inhibition of oestradiol-induced alterations in hypothalamic noradrenaline turnover. Hiemke C, et al. **J Endocrinol** 1985 Jul;106(1):37-42

Changes in concentrations and rate of decline of adrenaline in the medial preoptic area and mediobasal hypothalamus of acutely ovariectomized steroid-treated rats. MacKinnon P, et al. **J Endocrinol** 1985 Jan;104(1):129-35

Effects of cortisol and progesterone on insulin binding and lipogenesis in adipocytes from normal and diabetic rats. Mendes AM, et al. **J Endocrinol** 1985 Aug;106(2):225-31

Electrophysiology of in vitro insulin- and progesterone-induced reinitiation of oocyte meiosis in Rana pipiens. Lessman CA, et al. **J Exp Zool** 1984 Aug; 231(2):257-66

Antagonistic effects of estradiol dipropionate and progesterone on the histology of the vagina and uterus of the mouse. Tripathi G. **J Exp Zool** 1984 Oct;232(1):151-5

The interplay of host and organism factors in infection of the mouse genital tract by Mycoplasma pulmonis. Taylor-Robinson D, et al. **J Hyg (Lond)** 1985 Aug; 95(1):7-14

Glucocorticoid receptor in chick embryonic epidermis. Inhibition by progesterone of both the binding of glucocorticoid to the receptor and glucocorticoid-induced keratinization. Obinata A, et al. **J Invest Dermatol** 1984 Nov;83(5):363-9

Regulation of cholesterol biosynthesis and esterification by 25-hydroxycholesterol in a macrophage-like cell line: uncoupling by progesterone. Miller SC, et al. **J Lipid Res** 1984 Sep;25(9):991-9

Modulation of meningioma cell growth by sex steroid hormones in vitro. Jay JR, et al. **J Neurosurg** 1985 May; 62(5):757-62

A quantitative assessment of the gametogenic and androgenic properties of testicular steroids in hypophysectomized rats. Collins PM, et al. **J Reprod Fertil** 1985 Sep;75(1):285-92

Prolactin as a factor in the uterine response to progesterone in rabbits. Daniel JC Jr, et al. **J Reprod Fertil** 1984 Nov; 72(2):443-52

Appearance of beta-hexosaminidase and other lysosomal-like enzymes in the uterine lumen of gilts, ewes and mares in response to progesterone and oestrogens. Hansen PJ, et al. **J Reprod Fertil** 1985 Mar;73(2):411-24

Patterns of protein synthesis in endometrial tissues from ovariectomized rats treated with oestradiol and progesterone. Lejeune B, et al. **J Reprod Fertil** 1985 Jan; 73(1):223-8

Effects of progesterone, oestradiol benzoate and cloprostenol on luteal function in the heifer. Munro RK, et al. **J Reprod Fertil** 1985 Mar;73(2):353-9

Corpora lutea with a short life-span induced by rams in seasonally anovulatory ewes are prevented by progesterone delaying the preovulatory surge of LH. Pearce DT, et al. **J Reprod Fertil** 1985 Sep;75(1):79-84

Synergistic effect of progesterone on prostaglandin E modulation of the mitogenic response of human peripheral lymphocytes. Fujisaki S, et al. **J Reprod Immunol** 1985 Jan; 7(1):15-26

The suppressive effect of progesterone on lymphocyte cytotoxicity: unique progesterone sensitivity of pregnancy lymphocytes. Szekeres-Bartho J, et al. **J Reprod Immunol** 1985 Feb;7(2):121-8

Steroidal regulation of rat uterine in vitro mRNA translation products. Komm BS, et al. **J Steroid Biochem** 1984 Nov; 21(5):571-7

Progesterone control of nuclear estrogen receptor: demonstration in hamster uterus during the estrous cycle and pseudopregnancy using a new exchange assay. Leavitt WW, et al. **J Steroid Biochem** 1985 May;22(5):583-8

Inhibition of fatty acid synthesis in rabbit mammary alveolar explants by progesterone and related steroids. Martyn P, et al. **J Steroid Biochem** 1985 Aug;23(2):159-63

Effects of serial hormone treatments on egg white protein synthesis. Further evidence of translational regulation. Seaver SS, et al. **J Steroid Biochem** 1984 Dec;21(6):737-43

Progesterone-mediated suppression of estradiol receptors in cynomolgus macaque cervix, endometrium and oviduct during sequential estradiol-progesterone treatment. West NB, et al. **J Steroid Biochem** 1985 Jan;22(1):29-37

Long-term responses of the mouse uterus to neonatal diethylstilbestrol treatment and to later sex hormone exposure. Ostrander PL, et al. **JNCI** 1985 Jan;74(1):121-35

Effects in vitro of progesterone and estradiol-17 beta on the contractile and electrical responses in rat myometrium. Osa T, et al. **Jpn J Physiol** 1984;34(3):427-41

Effect of progesterone and medroxyprogesterone acetate on pregnancy length and litter size in mink. Jarosz SJ, et al. **Lab Anim Sci** 1985 Apr;35(2):156-8

Cholesteryl ester hydrolysis in rat liver cytosol. Modulation by female sex hormones. Gandarias JM, et al. **Lipids** 1984 Dec;19(12):916-22

Effects of steroid hormones on DNA synthesis and insulin production of isolated foetal rat pancreatic islets in tissue culture. Khatim MS, et al. **Med Biol** 1984;62(3):210-3

Progesterone inhibition of Xenopus oocyte adenylate cyclase is not mediated via the Bordetella pertussis toxin substrate. Sadler SE, et al. **Mol Pharmacol** 1984 Nov;26(3):526-31

Supplemental progesterone delays heat termination and the loss of progestin receptors from hypothalamic cell nuclei in female guinea pigs. Brown TJ, et al. **Neuroendocrinology** 1984 Nov;39(5):384-91

Correlation of luteinizing hormone surges with estrogen nuclear and progestin cytosol receptors in the hypothalamus and pituitary gland. II. Temporal estradiol effects. Camp P, et al. **Neuroendocrinology** 1985 Jan; 40(1):54-62

Correlation of luteinizing hormone surges with estrogen nuclear and progestin cytosol receptors in the hypothalamus and pituitary gland. I. Estradiol dose response effects. Camp P, et al. **Neuroendocrinology** 1985 Jan;40(1):45-53

Direct pituitary effects of estrogen and progesterone on gonadotropin secretion in the ovariectomized ewe. Clarke IJ, et al. **Neuroendocrinology** 1984 Sep;39(3):267-74

Progesterone-induced LHRH release in vitro is an estrogen--as well as Ca++- and calmodulin-dependent secretory process. Drouva SV, et al. **Neuroendocrinology** 1985 Apr;40(4):325-31

Effect of steroid treatment on tonic and surge secretion of LH and FSH in the female golden hamster: effect of photoperiod. Jorgenson KL, et al. **Neuroendocrinology** 1984 Dec;39(6):549-54

Effects of naloxone on catecholamine and LHRH release from the perifused hypothalamus of the steroid-primed rat. Leadem CA, et al. **Neuroendocrinology** 1985 Jun; 40(6):497-500

Effects of progesterone on hypothalamic and plasma LHRH. Peduto JC, et al. **Neuroendocrinology** 1985 Mar; 40(3):238-45

Progesterone and the control of functional luteolysis, of secretion of prolactin and of pituitary LHRH responsiveness. A study with pseudopregnant rats kept in alternating and constant lighting conditions. Schuiling GA, et al. **Neuroendocrinology** 1985 Jul;41(1):52-9

Effects of progesterone on the pituitary responsiveness to, and priming effect of luteinizing hormone releasing hormone in female rats exposed to constant light. Watts AG, et al. **Neuroendocrinology** 1985 Feb;40(2):152-9

Effect of gonadal steroids on hypothalamus and anterior pituitary endo-oligopeptidase B (proline-endopeptidase) activity in castrated female rats. López-Jaramillo P, et al. **Peptides (Fayetteville)** 1984 Sep-Oct;5(5):1017-9

Progesterone in rat brain: modulation of beta-adrenergic receptor activity. Maggi A, et al. **Pharmacol Res Commun** 1985 Mar;17(3):283-91

The effect of estradiol and progesterone on the sexual behavior of ovariectomized mares. Asa CS, et al. **Physiol Behav** 1984 Nov;33(5):681-6

Modification of juvenile play and other social behaviour in the rat by neonatal progestins: further studies. Birke LI, et al. **Physiol Behav** 1984 Aug;33(2):217-9

Effects of progesterone on lordotic responses to specific mating stimuli in hamsters. Buntin JD, et al. **Physiol Behav** 1984 Sep:33(3):491-4

Behavioral insensitivity to progesterone during lactation in female rats. Clark AS, et al. **Physiol Behav** 1985 May; 34(5):677-82

The desensitization effect of progesterone on female rat sexual behavior is not due to interference with estrogen priming. Gilchrist SM, et al. **Physiol Behav** 1984 May; 32(5):879-82

Effects of oestradiol 17B, progesterone and testosterone upon proceptivity and receptivity in ovariectomized common marmosets (Callithrix jacchus). Kendrick KM, et al. **Physiol Behav** 1985 Jan;34(1):123-8

Estradiol and progesterone suppress feeding induced by 2-deoxy-D-glucose. McDermott LJ, et al. **Physiol Behav** 1984 May;32(5):731-6

The effect of ovariectomy, estradiol and progesterone on opioid modulation of feeding. Morley JE, et al. **Physiol Behav** 1984 Aug;33(2):237-41

Influence of sex hormones on prostaglandin dehydrogenase activity in the rat uterus. Franchi AM, et al. **Prostaglandins** 1985 Jun;29(6):953-60

Prostaglandins in the uterus: modulation by steroid hormones. Pakrasi PL, et al. **Prostaglandins** 1983 Dec;26(6):991-1009

Prostaglandin synthesis from endogenous and exogenous arachidonic acid in the rat uterus. Effect of estradiol and progesterone. Jouanen A, et al. **Prostaglandins Leukotrienes Med** 1985 Jun;18(3):321-36

6-Oxo-prostaglandin F1a production by guinea-pig skeletal muscle in vitro: the effects of oestradiol and progesterone. Kerry PJ. **Prostaglandins Leukotrienes Med** 1985 Mar; 17(3):283-9

Inhibition of androgen metabolism in stroma and epithelium of the human benign prostatic hyperplasia by progesterone, estrone, and estradiol. Krieg M, et al. **Prostate** 1985; 6(3):233-40

Behavioral effects of progestin in the brain. Barfield RJ, et al. **Psychoneuroendocrinology** 1984;9(3):217-31 (63 ref.)

Effect of ovarian hormones on conflict behavior. Rodriguez-Sierra JF, et al. **Psychoneuroendocrinology** 1984; 9(3):293-300

Promoter elements of genes coding for proteins and modulation of transcription by estrogens and progesterone. Chambon P, et al. **Recent Prog Horm Res** 1984;40:1-42 (139 ref.)

Influence of pregnancy and sex steroids on concentration, motor effect and receptor binding of VIP in the rabbit female genital tract. Ottesen B, et al. **Regul Pept** 1985 May; 11(1):83-92

Effect of oestrogen and progesterone on sodium, potassium and water balance in sheep. Michell AR, et al. **Res Vet Sci** 1985 Jan;38(1):46-53

Comparative plasma lipid response of pullets and laying hens to estradiol and progesterone. Hagan RC, et al. **Toxicol Appl Pharmacol** 1984 Dec;76(3):483-9

Suppression of cellular immune reactions by rat ovarian cells. Van Vlasselaer P, et al. **Transplantation** 1985 May; 39(5):541-7

LH and progesterone concentrations in heifers [letter] MacFarlane JS. **Vet Rec** 1985 Mar 16;116(11):302-3

[The endometrium of the immature rabbit stimulated by an estrogen and treated with a progestogen. Scanning electron microscopy study] Paris J, et al. **Arch Anat Microsc Morphol Exp** 1984;73(2):113-20 (Eng. Abstr.) **(Fre)**

[The endometrium of intact or castrated rats. Effects of hormonal stimulation. A scanning electron microscopy study] Paris J, et al. **Bull Assoc Anat (Nancy)** 1984 Jun; 68(201):211-21 (Eng. Abstr.) **(Fre)**

[Potentiation of the effect of steroid hormones (progesterone and testosterone) inducing the reinitiation of meiosis in Xenopus oocytes in vitro, by inhibitors of phosphatase activity] Le Goascogne C, et al. **C R Acad Sci [III]** 1984; 299(4):89-93 (Eng. Abstr.) **(Fre)**

[Changes of intrauterine pressure in progesterone-treated ovariectomized rats during the second half of pregnancy] Hosoda K, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Jul 20;60(7):846-51 (Eng. Abstr.) **(Jpn)**

[Studies on the feedback regulation of pulsatile luteinizing hormone secretion: effect of ovarian steroid implantation into the forebrain and basal hypothalamus on pulsatile LH secretion in ovariectomized rats] Tadokoro Y. **Nippon Naibunpi Gakkai Zasshi** 1985 Jan 20;61(1):22-37 (Eng. Abstr.) **(Jpn)**

[The effects of progestogens on a human endometrial cancer cell line Ishikawa and a human breast cancer cell line MCF-7] Yoshizumi N, et al. **Nippon Naibunpi Gakkai Zasshi** 1985 Mar 20;61(3):220-7 (Eng. Abstr.) **(Jpn)**

[Effects of various agents on the proliferation and hCG secretion of choriocarcinoma cells in vitro] Kaiho T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1801-6 (Eng. Abstr.) **(Jpn)**

[Effects of estrogen, progesterone and androgen on autoradiograms of the immature rat uterus] Sakamoto S, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Nov; 36(11):2085-9 (Eng. Abstr.) **(Jpn)**

[Steroid 17 alpha-hydroxylase-C17,20 lyase (cytochrome P-450) from porcine adrenocortical microsomes: inhibition of lyase activity by progesterone and inhibition of hydroxylase activity by 17 alpha-hydroxyprogesterone] Nakajin S, et al. **Yakugaku Zasshi** 1985 Jan;105(1):83-5 (Eng. Abstr.) **(Jpn)**

[Effect of sex steroids on the histamine content of the myocardium in dogs] Pereira GR, et al. **Arq Bras Cardiol** 1984 Jun;42(6):387-92 (Eng. Abstr.) **(Por)**

[Ultrastructure of cells of hyperplastic endometrium after the direct impact of gestagens] Beliaeva LA, et al. **Akush Ginekol (Mosk)** 1984 Nov;(11):20-4 (Eng. Abstr.) **(Rus)**

[Effect of progesterone on the ion-regulating function of the kidneys] Kukharchuk AL, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):55-8 (Eng. Abstr.) **(Rus)**

[Inhibitory effect of progesterone on the stimulation of tryptophan pyrrolase and tyrosine aminotransferase by endogenous corticosteroids in the liver of female rats] Németh S, et al. **Bratisl Lek Listy** 1985 Jul;84(1):3-10 (Eng. Abstr.) **(Slo)**

PHYSIOLOGY

Hormonal control of gap junctions in the myometrium. MacKenzie LW, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C296-308

Modulation of gonadotropin secretion by Sertoli cell inhibin, LHRH, and sex steroids. Massicotte J, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):E495-504

Estradiol 17 beta-hydroxysteroid dehydrogenase, a marker of breast cancer hormone dependency. Fournier S, et al. **Cancer Res** 1985 Jun;45(6):2895-9

The effect of endogenous progesterone on serum levels of 5 alpha-reduced androgens in hirsute women. Dewis P, et al. **Clin Endocrinol (Oxf)** 1984 Oct;21(4):383-92

Progesterone modulation of the luteinizing hormone surge: regulation of hypothalamic and pituitary progestin receptors. Attardi B. **Endocrinology** 1984 Dec; 115(6):2113-22

Lack of ovarian steroid negative feedback on pulsatile luteinizing hormone release between estrus and diestrous day 1 in the rat estrous cycle. Gallo RV, et al. **Endocrinology** 1985 Apr;116(4):1525-8

Hormonal regulation of myometrial estrogen, progesterone, and oxytocin receptors in the pregnant and pseudopregnant hamster. Leavitt WW. **Endocrinology** 1985 Mar; 116(3):1079-84

Progesterone withdrawal stimulates mammary gland tubulin polymerization in pregnant rats. Loizzi RF. **Endocrinology** 1985 Jun;116(6):2543-7

Duration of hormonal deprivation: influences on physiological and behavioral responsiveness to estradiol. Czaja JA, et al. **Horm Behav** 1985 Mar;19(1):52-63

Reduction in pituitary desensitization and prolongation of gonadotropin release by estrogen during continuous administration of gonadotropin-releasing hormone in women: its antagonism by progesterone. Araki S, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):590-8

Effect of inhibition of prostaglandin synthesis on cervical softening and uterine activity during ovine parturition resulting from progesterone withdrawal induced by epostane. Ledger WL, et al. **J Endocrinol** 1985 May; 105(2):227-33

Menstrual cycle and exposure to oestrogens unopposed by progesterone: relevance to studies on breast cancer incidence. Metcalf MG, et al. **J Endocrinol** 1985 Jan; 104(1):137-41

Passive immunization against progesterone inhibits endometrial sensitization in pseudopregnant mice and has antifertility effects in pregnant mice which are reversible by steroid treatment. Rider V, et al. **J Endocrinol** 1985 Jan;104(1):153-8

Further investigation of the role of progesterone in the control of embryo transport in the mouse. Grieve KL, et al. **J Reprod Fertil** 1985 Jan;73(1):279-83

Role of female gonadal hormones in the CNS: clinical and experimental aspects. Maggi A, et al. **Life Sci** 1985 Sep 9;37(10):893-906 (143 ref.)

Hormonal regulation of casein synthesis at the end of pregnancy. Bussmann LE, et al. **Mol Cell Endocrinol** 1985 Feb;39(2):115-8

Stimulatory or inhibitory effects of angiotensin II upon LH secretion in ovariectomized rats: a function of gonadal steroids. Steele MK, et al. **Neuroendocrinology** 1985 Mar; 40(3):210-6

Role of progesterone on the control of scent marking in Suncus murinus viridescens (Blyth). Balakrishnan M, et al. **Physiol Behav** 1984 Sep;33(3):415-9

Absence of progesterone effects on chlamydial genital infection in female guinea pigs. Pasley JN, et al. **Sex Transm Dis** 1985 Jul-Sep;12(3):155-8

[Urodynamic study of urinary incontinence appearing in the fifth month of pregnancy and persisting after delivery. The role of progesterone] Caissel J, et al. **Ann Urol (Paris)** 1984 Sep;18(5):356-60 (Eng. Abstr.) **(Fre)**

[Correlation between progesterone and plasminogen activator in rat ovaries during the ovulatory process] Ohno Y, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Feb; 37(2):247-56 (Eng. Abstr.) **(Jpn)**

SECRETION

Steroid secretion by cumulus cells isolated from human preovulatory follicles. Hillensjö T, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):407-13

Gonadotrophins and ovarian steroids in cattle. I. Pulsatile changes of concentrations in the jugular vein throughout the oestrous cycle. Schallenberger E, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):312-21

Gonadotrophins and ovarian steroids in cattle. II. Pulsatile changes of concentrations in the jugular vein throughout pregnancy. Schallenberger E, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):322-30

A role for somatomedin C as a differentiating hormone and amplifier of hormone action on ovarian cells: studies with synthetically pure human somatomedin C and swine granulosa cells. Veldhuis JD, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):234-40

Changing frequency of pulsatile luteinizing hormone and progesterone secretion during the luteal phase of the menstrual cycle of rhesus monkeys. Ellinwood WE, et al. **Biol Reprod** 1984 Nov;31(4):714-22

Inhibition of progesterone secretion by a 3 beta-hydroxysteroid dehydrogenase inhibitor in late pregnant sheep. Jenkin G, et al. **Can J Physiol Pharmacol** 1985 Feb;63(2):136-42

Effect of androgens and gonadotropins on progesterone secretion of chicken granulosa cells. Phillips A, et al. **Comp Biochem Physiol [A]** 1985;81(4):847-52

Release of progesterone by porcine luteal cells from different days of estrous cycle: effect of LH, PRL and PGF2 alpha. Grażul A. **Endocrinol Exp (Bratisl)** 1985 Jun;19(2):117-28

Prolactin-mediated progesterone secretion by cultured rat granulosa cells: regulation by purified human glycoprotein hormones and their subunits. Grasso P, et al. **Endocrinology** 1985 Jan;116(1):319-27

Progesterone secretion as affected by 17 beta-estradiol after hysterectomy in the pig. Musah AI, et al. **Endocrinology** 1984 Nov;115(5):1876-82

The pattern of progesterone secretion in hypophysectomized rats bearing pituitary transplants: effects of hysterectomy, estrogen, and indomethacin. Ochiai K, et al. **Endocrinology** 1985 Feb;116(2):765-71

Evidence for a role for adenosine 3',5'-monophosphate in progesterone secretion by human chorion. Tonkowicz PA, et al. **Endocrinology** 1985 Feb;116(2):646-50

In vitro simulation of prepubertal changes in pulsatile luteinizing hormone release enhances progesterone and 17 beta-estradiol secretion from immature rat ovaries. Urbanski HF, et al. **Endocrinology** 1985 Aug;117(2):638-43

Effect of local GABA administration on rat ovarian blood flow, and on progesterone and estradiol secretion. Erdő S, et al. **Eur J Pharmacol** 1985 May 20;111(3):397-400

Stimulatory effects of follicle-stimulating hormone and luteinizing hormone upon secretion of progesterone and inhibin activity by cultured infant human ovarian granulosa cells. Channing CP, et al. **Fertil Steril** 1984 Oct; 42(4):598-605

Cardiac output and gonadal steroids [letter] Loucks AB. **Fertil Steril** 1984 Nov;42(5):810-1

Progesterone secreting Sertoli cell tumor of the ovary. Tracy SL, et al. **Gynecol Oncol** 1985 Sep;22(1):85-96

Nonluteal source of lordosis-promoting progesterone secretion in guinea pigs. Feder HH, et al. **Horm Behav** 1985 Mar;19(1):104-9

Suppression of luteal progesterone secretion in the stumptailed macaque by an antagonist analogue of luteinizing hormone releasing hormone. Fraser HM, et al. **J Endocrinol** 1985 Feb;104(2):R1-4

Modulation of cyclic AMP formation and progesterone secretion by human chorionic gonadotropin, epinephrine, buserelin and prostaglandins in normal or human chorionic gonadotropin desensitized rat immature luteal cells in monolayer culture. Massicotte J, et al. **J Steroid Biochem** 1984 Dec;21(6):745-54

Salivary progesterone profile after in-vitro fertilisation/embryo transfer [letter] Cedard L, et al. **Lancet** 1985 Mar 9;1(8428):577-8

High correlation between prolactinemia, 125-I hLH binding and progesterone secretion by an experimental luteoma. Lux VA, et al. **Life Sci** 1984 Dec 3;35(23):2345-52

Vasoactive intestinal polypeptide stimulates nonovarian progesterone secretion in rabbits. Fredericks CM, et al. **Peptides (Fayetteville)** 1985 Mar-Apr;6(2):205-10

Physiological peripubertal activation of the ovary is not reproduced by pregnant mare serum gonadotropin (PMSG) administration. Aguado LI, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):121-5

[Effect of pregnant mare serum on bovine luteal tissue] Pícha J, et al. **Vet Med (Praha)** 1984 Aug;29(8):465–72 (Eng. Abstr.) **(Cze)**

[Endocrine function of the reproductive system after early abortion by vacuum-aspiration] Likhacheva TM. **Akush Ginekol (Mosk)** 1985 Feb;(2):37–9 (Eng. Abstr.) **(Rus)**

[Secretion of progesterone and placental lactogen during physiological pregnancy] Minkina AI, et al. **Med Radiol (Mosk)** 1985 Jul;30(7):25–7 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Subfractions of high-density lipoprotein cholesterol during estrogen replacement therapy: a comparison between progestogens and natural progesterone. Ottosson UB, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):746–50

Progesterone and the premenstrual syndrome: a double blind crossover trial. Dennerstein L, et al. **Br Med J [Clin Res]** 1985 Jun 1;290(6482):1617–21

Progesterone and the premenstrual syndrome: a double blind crossover trial [letter] Magos A, et al. **Br Med J [Clin Res]** 1985 Jul 20;291(6489):213–4

Natural progesterone and antihypertensive action. Rylance PB, et al. **Br Med J [Clin Res]** 1985 Jan 5;290(6461):13–4

Is your progesterone therapy really necessary? Allen WR. **Equine Vet J** 1984 Nov;16(6):496–8

Case report. Successive pregnancies in a patient with premature ovarian failure. Nakai M, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Nov;18(4):217–24

Chemoprevention of N-nitroso-N-methylurea-induced mammary cancers by pretreatment with 17 beta-estradiol and progesterone. Grubbs CJ, et al. **JNCI** 1985 Apr; 74(4):927–31

Chemoprotective effect of progesterone on carcinoma formation in mice and rats. Lupulescu A. **JNCI** 1985 Feb; 74(2):499–507

Progesterone for premenstrual syndrome. **Med Lett Drugs Ther** 1984 Nov 9;26(674):101–2

[A case of pulmonary lymphangiomyomatosis diagnosed by TBLB and treated with progesterone and oophorectomy] Kuwabara H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Sep;22(9):795–9 (Eng. Abstr.) **(Jpn)**

TOXICITY

Effect of toxic doses of progesterone on hepatotoxic effects of tetracycline. Böcker R, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Apr;56(4):327–30

Hormonal induction of uterine sarcomas in GR mice not dependent on mammary tumor virus genes or uterine trauma [letter] Briand P, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):141–2

URINE

Reliability of progesterone measurements in urine. Beksac MS, et al. **J Clin Chem Clin Biochem** 1985 Apr;23(4):183–6

PROGESTERONE BINDING GLOBULIN see under **ALPHA GLOBULINS**

PROGESTERONE RECEPTORS see **RECEPTORS, PROGESTERONE**

PROGESTERONE REDUCTASE see under **3-HYDROXYSTEROID DEHYDROGENASES**

PROGESTIN ANALOGS see **PROGESTATIONAL HORMONES, SYNTHETIC**

PROGESTIN RECEPTORS see **RECEPTORS, PROGESTERONE**

PROGESTINS see **PROGESTATIONAL HORMONES**

PROGESTINS, SYNTHETIC see **PROGESTATIONAL HORMONES, SYNTHETIC**

PROGLUMIDE see under **GLUTAMINE**

PROGNATHISM

ETIOLOGY

[Pathogenetic factors of the distal mandibular position in children during the period of changing bite] Dan'kov ND. **Stomatologiia (Mosk)** 1985 Mar–Apr;64(2):62–4 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

[Interrelation of orbicularis oris function and anthropometric indices of the maxillodental system in 7- to 12-year-old children with a prognathic deep bite] Kosyreva TF, et al. **Stomatologiia (Mosk)** 1984 Nov–Dec;63(6):48–51 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

[Results of the analysis of lateral teleroentgenograms of the head before and after orthodontic treatment of prognathic (distal) bite using a lidase preparation] Mustafa IA, et al. **Stomatologiia (Mosk)** 1985 Jan–Feb;64(1):70–2 (Eng. Abstr.) **(Rus)**

SURGERY

Case report: orthognathic surgery-correction of maxillo-mandibular deformity. Behrman DA. **Int J Orthod** 1985 Spring;23(1–2):27–31

A cephalometric and electromyographic investigation of patients treated for the correction of mandibular prognathism by mandibular surgery only. Moss JP. **Int J Orthod** 1985 Spring;23(1–2):10–9

Intraoral or extraoral approach in oblique sliding osteotomy of the mandibular ramus. A cephalometric study. Nyström E, et al. **J Maxillofac Surg** 1984 Dec;12(6):277–82

Intraoral vertical subcondylar osteotomy: a national survey. Niebergall CF, et al. **J Oral Maxillofac Surg** 1985 Jun; 43(6):450–2

Weight changes after jaw fixation due to sagittal split ramus osteotomy for correction of prognathous. Harju E, et al. **Resuscitation** 1984 Nov;12(3):187–91

[Changes in the facial profile after operations for anomalies of a prognathic character] Borovičková Z, et al. **Sb Lek** 1984 Dec;86(11–12):330–5 (Eng. Abstr.) **(Cze)**

[Complications and impact of sagittal osteotomy of the ascending ramus. Personal experience] Vesse M, et al. **Rev Stomatol Chir Maxillofac** 1984;85(4):261–4 (Eng. Abstr.) **(Fre)**

[Does oblique osteotomy in the mandibular branch have advantages in relation to damage of the mandibular nerve in comparison to other osteotomies?] Liebig B, et al. **Fortschr Kiefer Gesichtschir** 1985;30:91–3 **(Ger)**

[Complications in prognathism operations (following the method of labial pedicled anterior maxilla fragment) and their prevention] Wunderer S, et al. **Fortschr Kiefer Gesichtschir** 1985;30:96–8 **(Ger)**

[10-year experience in the surgical management of prognathism] Bögi I, et al. **Fogorv Sz** 1985 Feb;78(2):33–7 (Eng. Abstr.) **(Hun)**

PROGNOSIS

Prognostic factors in polymyositis/dermatomyositis. A computer-assisted analysis of ninety-two cases. Benbassat J, et al. **Arthritis Rheum** 1985 Mar;28(3):249–55

Effects of antihypertensive treatment on prognosis. Berglund G. **Hypertension** 1984 Nov–Dec;6(6 Pt 2):III174–8

Clinical prediction rules. Applications and methodological standards. Wasson JH, et al. **N Engl J Med** 1985 Sep 26; 313(13):793–9 (54 ref.)

Prognostic factors for relapse-free survival in childhood acute lymphoblastic leukaemia. Clausen N, et al. **Scand J Haematol** 1984 Sep;33(3):295–300

[Long-term prognosis of acute transmural myocardial infarct after intracoronary thrombolysis treatment] Schwarz F, et al. **Dtsch Med Wochenschr** 1985 Sep 27;110(39):1494–7 (Eng. Abstr.) **(Ger)**

PROGRAMMED INSTRUCTION

Transverse sections of the elbow region in man, made into transparencies and embedded in plastic in a self-study module. Lataster LM, et al. **Anat Rec** 1984 Nov; 210(3):541–7

Learning by contract in family medicine training. Ogborne WL, et al. **Fam Pract** 1984 Jun;1(2):117–21

An evaluation of self-guided teaching methods in a fixed prosthodontics preclinical laboratory. Weiner S, et al. **J Dent Educ** 1985 May;49(5):318–20

Memory-skills training, memory complaints, and depression in older adults. Scogin F, et al. **J Gerontol** 1985 Sep; 40(5):562–8

Improved perinatal knowledge in community hospitals through a self-instructional program. Heins HC Jr, et al. **South Med J** 1985 Apr;78(4):374–6

[Recommendations for assessing and judging the electrocardiograms of young people and adults. An abridged programmed course. 14. Program section IV. Ischemia and infarct diagnosis. 4. Recognition and exclusion of ischemia and infarct signs. The demonstration of selected electrocardiograms] Assmann I, et al. **Z Arztl Fortbild (Jena)** 1985;79(3):125–34 **(Ger)**

[Effect of methodological aids for self instruction on the initial level of knowledge of students] Popov PN, et al. **Vestn Oftalmol** 1985 May–Jun;101(3):56–8 (Eng. Abstr.) **(Rus)**

METHODS

Self-help smoking cessation and maintenance programs: a comparative study with 12-month follow-up by the American Lung Association. Davis AL, et al. **Am J Public Health** 1984 Nov;74(11):1212–7

Self-directed learning and medical rehabilitation: a comparison. Currie DM. **Arch Phys Med Rehabil** 1985 Jul; 66(7):454–6

[Substantiation of the optimal method of self-training of medical students in hygiene at home] Omel'ianets NI, et al. **Gig Sanit** 1985 Feb;(2):34–6 **(Rus)**

[Experience with the programmed control of student instruction in a military department] Rumiantsev RN, et al. **Voen Med Zh** 1984 Oct;(10):22–3 **(Rus)**

PROGRAMMED INSTRUCTION, COMPUTERIZED see **COMPUTER ASSISTED INSTRUCTION**

PROGRAMMED LEARNING see **PROGRAMMED INSTRUCTION**

PROGRAMMING, LINEAR see under **OPERATIONS RESEARCH**

PROGRESSIVE INTERSTITIAL PNEUMONIA OF SHEEP see **PNEUMONIA, PROGRESSIVE INTERSTITIAL, OF SHEEP**

PROGRESSIVE LENTICULAR DEGENERATION see **HEPATOLENTICULAR DEGENERATION**

PROGUANIL see **CHLOROGUANIDE**

PROINSULIN

Fast atom bombardment mass spectrometry of bovine proinsulin. Cottrell JS, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):1032–8

[Computer bank of amino-acid sequences of protein hormones. Analysis of evolutionary, conformational and physico-chemical properties of the individual sites of sequences in superfamilies of proinsulin and proglucagon] Pozdniakov VI, et al. **Biokhimiia** 1985 Jan;50(1):32–46 (Eng. Abstr.) **(Rus)**

ANALYSIS

The thermodynamics of bovine and porcine insulin and proinsulin association determined by concentration difference spectroscopy. Strazza S, et al. **Arch Biochem Biophys** 1985 Apr;238(1):30–42

Comparative reduction/oxidation studies with single chain des-(B30) insulin and porcine proinsulin. Markussen J. **Int J Pept Protein Res** 1985 Apr;25(4):431–4

BIOSYNTHESIS

Hormonal and non-hormonal protein biosynthesis in the pancreatic beta cell of the intact rat after prolonged hyperglycaemia. Logothetopoulos J, et al. **Acta Endocrinol (Copenh)** 1984 Nov;107(3):382–9

Effects of monensin on biosynthesis and intracellular processing of proinsulin. Smith JE, et al. **Biosci Rep** 1984 Sep;4(9):737–42

Modulation of proinsulin messenger RNA after partial pancreatectomy in rats. Relationships to glucose homeostasis. Orland MJ, et al. **J Clin Invest** 1985 Jun; 75(6):2047–55

BLOOD

A radioimmunoassay for circulating human proinsulin. Cohen RM, et al. **Diabetes** 1985 Jan;34(1):84–91

Measurement of circulating human proinsulin concentrations using a proinsulin-specific antiserum. Deacon CF, et al. **Diabetes** 1985 May;34(5):491–7

Hyperproinsulinemia in a family with a proposed defect in conversion is linked to the insulin gene. Elbein SC, et al. **Diabetes** 1985 Aug;34(8):821–4

Hyperproinsulinaemia in cirrhosis [letter] Kasperska-Czyzykowa T, et al. **Diabetologia** 1985 Jan; 28(1):59

Posttranslational cleavage of proinsulin is blocked by a point mutation in familial hyperproinsulinemia. Shibasaki Y, et al. **J Clin Invest** 1985 Jul;76(1):378–80

GENETICS

Synthesis of human insulin gene. VIII. Construction of expression vectors for fused proinsulin production in Escherichia coli. Guo LH, et al. **Gene** 1984 Jul–Aug; 29(1–2):251–4

Synthesis of DNA coding for human proinsulin. Ovchinnikov YA, et al. **Gene** 1984 Nov;31(1–3):65–78

Sequence and evolution of guinea pig preproinsulin DNA. Watt VM. **J Biol Chem** 1985 Sep 15;260(20):10926–9

S1-hypersensitive sites in eukaryotic promoter regions. Evans T, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8043–58

IMMUNOLOGY

Human proinsulin-specific antigenic determinants identified by monoclonal antibodies. Madsen OD, et al. **Diabetes** 1984 Oct;33(10):1012–6

Recognition of human insulin and proinsulin by monoclonal antibodies. Storch MJ, et al. **Diabetes** 1985 Aug; 34(8):808–11

Immunogenicity of insulin of various origins. Reeves WG. **Neth J Med** 1985;28 Suppl 1:43–6

METABOLISM

Direct identification of prohormone conversion site in insulin-secreting cells. Orci L, et al. **Cell** 1985 Sep; 42(2):671–81

A clathrin-coated, Golgi-related compartment of the insulin secreting cell accumulates proinsulin in the presence of monensin. Orci L, et al. **Cell** 1984 Nov;39(1):39–47

Effects of monensin on conversion of proinsulin to insulin and secretion of newly synthesized insulin in isolated rat islets. Gold G, et al. **Diabetes** 1984 Nov;33(11):1019–24

In vitro activity of biosynthetic human proinsulin. Receptor binding and biologic potency of proinsulin and insulin in isolated rat adipocytes. Peavy DE, et al. **Diabetes** 1984 Nov;33(11):1062-7

Activation of probable proinsulin-converting enzymes in pancreatic islets: its correlationship with rate of insulin biosynthesis. Chatterjee AK, et al. **Indian J Exp Biol** 1984 Aug;22(8):435-8

Nonconverted, amino acid analog-modified proinsulin stays in a Golgi-derived clathrin-coated membrane compartment. Orci L, et al. **J Cell Biol** 1984 Dec;99(6):2187-92

(Pro)insulin associates with Golgi membranes of pancreatic B cells. Orci L, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6743-6

PHARMACODYNAMICS

Insulin-like action of proinsulin on rat liver carbohydrate metabolism in vitro. Probst I, et al. **Diabetes** 1985 May;34(5):415-9

STANDARDS

Human proinsulin standards. Kruse V, et al. **Diabetologia** 1984 Sep;27(3):414-5

THERAPEUTIC USE

Highlights of clinical experiences with recombinant human insulin (rDNA) and human proinsulin (rDNA). Galloway JA. **Neth J Med** 1985;28 Suppl 1:37-42

PROJECTION

Narcissistic organization, projective identification, and the formation of the identificate. Sohn L. **Int J Psychoanal** 1985;66 (Pt 2):201-13

Defensive projection. An investigation of its role in paranoid conditions. Heilbrun AB Jr, et al. **J Nerv Ment Dis** 1985 Jan;173(1):17-25

Personality projection in complete dentures: traits transmissable to the viewer through variations in maxillary anterior tooth arrangement. Ruffino AR. **NY State Dent J** 1984 Dec;50(10):661-2, 664

PROJECTIVE TECHNICS

The status of projective techniques: or, 'wishing won't make it go away'. Piotrowski C. **J Clin Psychol** 1984 Nov;40(6):1495-502

Validity of the draw-a-person and Bender Gestalt tests as measures of impulsivity with adolescents. Oas P. **J Consult Clin Psychol** 1984 Dec;52(6):1011-9

Alexithymia. The development of a valid and reliable projective measure (the objectively scored Archetypal9 Test). Cohen K, et al. **J Nerv Ment Dis** 1985 Oct;173(10):621-7

The use of projective assessment techniques in pediatric settings. Krahn GL. **J Pediatr Psychol** 1985 Jun;10(2):179-93

A developmental study of reactions to frustration among Scheduled Caste Indians. Dubey SN, et al. **J Pers Assess** 1985 Feb;49(1):43-6

Validation of the Holtzman anxiety scale by vasomotor biofeedback. Mittenberg W, et al. **J Pers Assess** 1984 Aug;48(4):360-4

Response pattern analysis of the Hand Test: age differences. Panek PE, et al. **J Pers Assess** 1985 Feb;49(1):37-42

Percentage conversions as a method of enhancing clinical discriminations. Wagner EE, et al. **J Pers Assess** 1984 Dec;48(6):617-9

Clinical utility of an index of impulsivity on the Draw-A-Person test. Oas P. **Percept Mot Skills** 1985 Feb;60(1):310

Test-retest reliability of the Hand Test with institutionalized mentally retarded adults. Stoner S. **Psychol Rep** 1985 Feb;56(1):272-4

Use of projective testing on a consultation-liaison service. Stewart TD, et al. **Psychother Psychosom** 1985;43(3):151-5

[Use of Koch's T-test in first-contact detection of persons with asocial and delinquent manifestations] Lukeš V, et al. **Cesk Psychiatr** 1985 Jun;81(3):181-6 (Eng. Abstr.) **(Cze)**

[Case report of an asthma family based on projective test procedures with special reference to the psychological status of the 'healthy' sibling] Colditz K. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:158-76 **(Ger)**

[Concepts of index patients and their siblings about their families. Comparison of family structures based on some results from 2 child projective tests (Family Relations Test and Family Interaction Test)] Günther C. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:242-76 **(Ger)**

[Status of psychological development of children studied. Evaluation of the Magic Family Test with special reference to aggression] Schlierf C. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:277-302 **(Ger)**

[Self and other perception of parents with a psychosomatically ill child in the Giessen Test] Seebach-Herberth J, et al. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:187-208 **(Ger)**

[Use of projective picture material in psychotherapy] Meyer JE. **Psychother Psychosom Med Psychol** 1984 Aug;34(8):187-92 (Eng. Abstr.) **(Ger)**

[The personality structure of drug users] Bucher R, et al. **Acta Psiquiatr Psicol Am Lat** 1984 Sep;30(3):209-19 (Eng. Abstr.) **(Por)**

[Rapid prognosis of the disciplined behavior of flight cadets using projective tests] Evdokimov VI. **Kosm Biol Aviakosm Med** 1985 Mar-Apr;19(2):20-3 (Eng. Abstr.) **(Rus)**

PROKARYOTIC CELLS see under **CELLS**

PROLACTIN

Analysis of computer-generated hydropathy profiles for human glycoprotein and lactogenic hormones. Krystek SR Jr, et al. **Endocrinology** 1985 Sep;117(3):1110-24

Experimental studies on cysts in the prolactin zone of the pituitary in the 9-spined stickleback, Pungitius pungitius L. Benjamin M. **J Comp Pathol** 1985 Jan;95(1):57-64

Lactogenic hormones: binding sites, mammary growth, secretory cell differentiation, and milk biosynthesis in ruminants. Akers RM. **J Dairy Sci** 1985 Feb;68(2):501-19 (158 ref.)

ADMINISTRATION & DOSAGE

The influence of estrogen and prolactin on Hageman factor (factor XII) titer in ovariectomized and hypophysectomized rats. Gordon EM, et al. **Blood** 1985 Sep;66(3):602-5

ANALOGS & DERIVATIVES

Secreted mouse prolactin (PRL) and stored ovine PRL. II. Role of amides in receptor binding and immunoreactivity. Haro LS, et al. **Endocrinology** 1985 Jan;116(1):353-8

Glycosylated human prolactin. Lewis UJ, et al. **Endocrinology** 1985 Jan;116(1):359-63

ANALYSIS

Correlations between PRL and chloride, sodium, potassium and calcium in amniotic fluid. Andersen JR, et al. **Acta Obstet Gynecol Scand** 1985;64(3):227-9

Studies on the nature of prolactin-like immunoreactivity in bromelin-treated cervical mucus. Wang HZ, et al. **Ann Clin Biochem** 1985 May;22 (Pt 3):316-20

Prolactin and sex steroid concentrations in follicular fluids after different ovarian stimulation methods in IVF patients. Bohnet HG, et al. **Ann NY Acad Sci** 1985;442:227-35

The effect of light environment on post-partum reproductive activity and prolactin levels in two breeds of sheep. Pijoan PJ, et al. **Br Vet J** 1985 May-Jun;141(3):272-81

Histoimmunological identification of a prolactin-like substance in rodent testis. Roux M, et al. **Cell Tissue Res** 1985;240(3):663-7

Environmental influences on prolactin cell development in the cyprinodont fish, Cynolebias whitei. Ruijter JM, et al. **Cell Tissue Res** 1984;238(3):595-600

The effect of water acidification on prolactin cells and pars intermedia PAS-positive cells in the teleost fish Oreochromis (formerly Sarotherodon) mossambicus and Carassius auratus. Wendelaar Bonga SE, et al. **Cell Tissue Res** 1984;238(3):601-9

Calibration of prolactin kits [letter] Hall CA, et al. **Clin Chem** 1985 Jun;31(6):1100-1

In vitro conditions modify immunoassayability of bovine pituitary prolactin and growth hormone: insights into their secretory granule storage forms. Lorenson MY. **Endocrinology** 1985 Apr;116(4):1399-407

Cysteamine causes reduction of prolactin monomers followed by aggregation in the rat pituitary gland. Scammell JG, et al. **Endocrinology** 1985 Jun;116(6):2347-54

Peritoneal fluid prolactin in infertile women with endometriosis: lack of evidence of secretory activity by endometrial implants. Haney AF, et al. **Fertil Steril** 1984 Dec;42(6):935-8

Seminal prolactin concentration and sperm reproductive capacity. Sueldo CE, et al. **Fertil Steril** 1985 Apr;43(4):632-5

Relation between steroid receptor levels and prolactin level in the decidua of early human pregnancy. Tamaya T, et al. **Fertil Steril** 1985 May;43(5):761-5

Development and validation of a salmon prolactin radioimmunoassay. Hirano T, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):266-76

Cord blood prolactin in normal & abnormal deliveries. Thomas S, et al. **Indian J Med Res** 1984 Oct;80:439-43

Cleaved prolactin: evidence for its occurrence in human pituitary gland and plasma. Sinha YN, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):239-43

Subcellular compartmentation of prolactin in rat lactotrophs. Torres AI, et al. **J Endocrinol** 1985 May;105(2):219-25

Prolactin concentration in milk and plasma of puerperal women and patients with galactorrhea. Adamopoulos DA, et al. **J Endocrinol Invest** 1984 Aug;7(4):273-6

A double-immunostaining procedure using colloidal gold, ferritin, and peroxidase as markers for simultaneous detection of two hypophysial hormones with the electron microscope. Doerr-Schott J, et al. **J Histochem Cytochem** 1984 Nov;32(11):1159-66

Evaluation of IRMA kits using monoclonal antibodies for growth hormone, prolactin and thyrotropin determinations. Iacobello C, et al. **J Nucl Med Allied Sci** 1984 Oct-Dec;28(4):271-6

Serum and cerebrospinal fluid prolactin patterns during neuroleptic treatment in schizophrenic patients. Rimón R, et al. **Pharmacopsychiatry** 1985 May;18(3):252-4

[Immunochemical identification of the growth hormone and prolactin in the hypophyseal polypeptide spectrum of chickens] Barabanov VM. **Biull Eksp Biol Med** 1985 Aug;100(8):219-21 (Eng. Abstr.) **(Rus)**

[Immunohistochemical detection of prolactin in the hypophysis of the chick and chick embryo] Barabanov VM. **Ontogenez** 1985 Mar-Apr;16(2):118-26 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Suppressive effect of prostaglandin D2 on prolactin secretion from rat anterior pituitary. Arisawa M, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):127-30

Detection of prolactin inhibitory activity in uterine epithelial cell secretions and rat serum. Gorospe WC, et al. **Endocrinology** 1985 Apr;116(4):1559-64

Cysteamine-induced depletion of somatostatin and prolactin. Millard WJ, et al. **Fed Proc** 1985 Jun;44(9):2546-50

Primate mammary development. Effects of hypophysectomy, prolactin inhibition, and growth hormone administration. Kleinberg DL, et al. **J Clin Invest** 1985 Jun;75(6):1943-50

Lactation suppression. Nonpharmaceutical versus pharmaceutical method. Wong S, et al. **J Obstet Gynecol Neonatal Nurs** 1985 Jul-Aug;14(4):302-10

Studies on the central and peripheral dopaminergic control of PRL secretion in man: failure to demonstrate the existence of a dopamine-mediated prolactin-inhibiting factor. Ho KY, et al. **Neuroendocrinology** 1985 Jun;40(6):457-62

Failure of injection of rat placental lactogen to inhibit prolactin in vivo. Voogt JL, et al. **Proc Soc Exp Biol Med** 1985 Apr;178(4):531-5

Effect of NDGA, a lipoxygenase inhibitor, on prolactin actions in mouse mammary gland explants. Rillema JA. **Prostaglandins Leukotrienes Med** 1984 Oct;16(1):89-94

BIOSYNTHESIS

Prolactin bioactivity following decidual synthesis and transport by amniochorion. McCoshen JA, et al. **Am J Obstet Gynecol** 1985 Sep 15;153(2):217-23

Diethylstilbestrol inhibits tumor growth and prolactin production in rat pituitary tumors. Lloyd RV, et al. **Am J Pathol** 1985 Mar;118(3):379-86

Growth characteristics of human first trimester decidual cells cultured in serum-free medium: production of prolactin, prostaglandins and fibronectin. Hochner-Celnikier D, et al. **Biol Reprod** 1984 Nov;31(4):827-36

Productivity of immunoreactive prolactin (IR-PRL) by the human decidual explants: a new sampling method. Ogino M. **Endocrinol Jpn** 1985 Feb;32(1):175-80

Catecholestrogen regulation of prolactin synthesis in pituitary cell culture. Shupnik MA, et al. **Endocrinology** 1985 Sep;117(3):939-46

Identification by immunofluorescence of prolactin- and somatotrophin-producing cells in the pituitary gland of the tree frog Hyla arborea. Campantico E, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):110-6

Environmental control of prolactin synthesis in the teleost fish Oreochromis (formerly Sarotherodon) mossambicus. Wendelaar Bonga SE, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):352-9

Saccharin induces morphological changes and enhances prolactin production in GH4C1 cells. Brennessel BA, et al. **In Vitro Cell Dev Biol** 1985 Jul;21(7):402-8

Ca2+ and hormones interact synergistically to stimulate rapidly both prolactin production and overall protein synthesis in pituitary tumor cells. Brostrom MA, et al. **J Cell Physiol** 1984 Nov;121(2):391-401

Defective thyroliberin-induced prolactin synthesis and release in a hybrid GH strain. Brennessel BA, et al. **Mol Cell Biochem** 1984 Aug;63(1):67-73

Structural requirements for the pharmacological activity of nonsteroidal antiestrogens in vitro. Jordan VC, et al. **Mol Pharmacol** 1984 Sep;26(2):272-8

Estrogen-stimulated prolactin synthesis in vitro. Classification of agonist, partial agonist, and antagonist actions based on structure. Jordan VC, et al. **Mol Pharmacol** 1984 Sep;26(2):279-85

Identification and partial characterization of a prolactin-like hormone produced by rat decidual tissue. Jayatilak PG, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):217-21

BLOOD

Body temperature elevation, exercise and serum prolactin concentrations. Christensen SE, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):458-62

Testicular response to human chorionic gonadotrophin in chronic hyperprolactinaemia. Heshmati HM, et al. **Acta Endocrinol (Copenh)** 1985 Apr;108(4):565-9

Metergoline as an alternative to bromocriptine in amenorrhoea. Hicks BH, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):439-44

Enhanced hypothalamic dopaminergic inhibition of LH, TSH and GH release in patients with pathological hyperprolactinaemia. Ho KY, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):289–96

Plasma prolactin in the rat during suckling without prior separation from pups. Mattheij JA, et al. **Acta Endocrinol (Copenh)** 1985 Apr;108(4):468–74

Changes in plasma thyrotrophin-releasing hormone, thyrotrophin, prolactin and thyroid hormone levels after intravenous, intranasal or rectal administration of synthetic thyrotrophin-releasing hormone in man. Mitsuma T, et al. **Acta Endocrinol (Copenh)** 1984 Oct;107(2):207–12

Temporary increase in the circulating prolactin levels during and after consecutive administration of bromocriptine-mesilate (CB-154) in female mice. Mori T, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):208–13

Serum prolactin levels in women with excessive milk production. Normalization by transitory prolactin inhibition. Peters F, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):463–6

Danazol and prolactin status in patients with endometriosis. Wallace AM, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):445–9

The relationship between prolactin, dehydroepiandrosterone sulphate and testosterone in normally menstruating females. Wathen NC, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):173–5

Hyperprolactinaemia and female infertility. Godó G. **Acta Med Hung** 1984;41(4):185–93

Quantitative changes in steroid and peptide hormones in the maternal-fetoplacental system between the 28th–40th weeks of pregnancy. Hercz P. **Acta Med Hung** 1985;42(1–2):29–39

Episodic secretion of hormones and the diagnostic value of single blood estimates. I. LH, FSH, prolactin. Siklósi G, et al. **Acta Med Hung** 1984;41(4):195–202

Influence of estrogen pre-treatment on plasma prolactin response to low-dose naloxone in post-menopausal women. Monteleone P, et al. **Acta Neurol (Napoli)** 1984 Dec;6(6):418–23

Postdexamethasone prolactin and cortisol: a biological state variable in depression. Klein HE, et al. **Acta Psychiatr Scand** 1984 Sep;70(3):239–47

Relation between tumour size and plasma prolactin levels in premenopausal patients with breast carcinoma. A preliminary report. Olsson H, et al. **Acta Radiol [Oncol]** 1985 Jan–Feb;24(1):57–9

Behavioral and neurochemical changes in long-term hyperprolactinemia. Drago F, et al. **Adv Biochem Psychopharmacol** 1985;40:47–58 (44 ref.)

Neuroendocrine effects of haloperidol decanoate in patients with chronic schizophrenia. Meco G, et al. **Adv Biochem Psychopharmacol** 1985;40:89–93

Sequential hormone measurements after menstrual regulation in normal Nigerian women. Osotimehin B, et al. **Afr J Med Med Sci** 1985 Mar–Jun;14(1–2):105–9

Macroprolactinemia presenting like a pituitary tumor. Jackson RD, et al. **Am J Med** 1985 Feb;78(2):346–50

Reversible hyperthyrotropinemia, hyperthyroxinemia, and hyperprolactinemia due to adrenal insufficiency. Stryker TD, et al. **Am J Med** 1985 Aug;79(2):271–6

Effect rates of different modalities for treatment of prolactin adenomas. Wollesen F, et al. **Am J Med** 1985 Jan;78(1):114–22 (48 ref.)

Physiologic concentrations of dopamine fail to suppress prolactin secretion in patients with idiopathic hyperprolactinemia or prolactinomas. Tallo D, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):651–5

Reduction of distress in hyperprolactinemia with bromocriptine. Buckman MT, et al. **Am J Psychiatry** 1985 Feb;142(2):242–4

Increases in prolactin levels following bilateral and unilateral ECT. Papakostas Y, et al. **Am J Psychiatry** 1984 Dec;141(12):1623–4

Ratio of serum prolactin to haloperidol and early clinical outcome in acute psychosis. Swigar ME, et al. **Am J Psychiatry** 1984 Oct;141(10):1281–3

Serum concentrations of thyroxine, 3,5,3'-triiodothyronine, thyrotropin, and prolactin in dogs before and after thyrotropin-releasing hormone administration. Kaufman J, et al. **Am J Vet Res** 1985 Feb;46(2):486–92

Effect of Escherichia coli endotoxin and thyrotropin-releasing hormone on prolactin in lactating sows. Smith BB, et al. **Am J Vet Res** 1985 Jan;46(1):175–80

Prolactin and pituitary-gonadal function in cigarette smoking infertile patients. Andersen AN, et al. **Andrologia** 1984 Sep–Oct;16(5):391–6

Hormone profiles at high altitude in man. Sawhney RC, et al. **Andrologia** 1985 Mar–Apr;17(2):178–84

Serum prolactin and cortisol levels in evaluation of pseudoepileptic seizures. Pritchard PB 3d, et al. **Ann Neurol** 1985 Jul;18(1):87–9

The response of prolactin to chlorpromazine: use in the differential diagnosis of hypogonadotropic hypogonadism and delayed puberty. Winters SJ, et al. **Ann NY Acad Sci** 1984;438:462–4

Effect of hyperprolactinemia and age on the hypogonadism of uremic men on hemodialysis. Mastrogiacomo I, et al. **Arch Androl** 1984;12(2–3):235–42

Evaluating prolactin response to dopamine agonists in schizophrenia. Methodological problems. Davis BM, et al. **Arch Gen Psychiatry** 1985 Mar;42(3):259–64

Haloperidol. Plasma levels and prolactin response as predictors of clinical improvement *in schizophrenia:* chemical v radioreceptor plasma level assays. Smith RC, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1044–9

The circadian rhythms of serum prolactin in nurses working on a night shift. Aulitzky W, et al. **Arch Gynecol** 1984;236(2):73–5

Plasma prolactin and cortisol concentrations in epileptic patients during the night. Cavallo A, et al. **Arch Neurol** 1984 Nov;41(11):1179–82

Central serous retinopathy, the Farnsworth-Munsell 100-Hue Test, and prolactin [letter] Coppeto JR. **Arch Ophthalmol** 1985 Mar;103(3):323, 325

The dilemma of mild hyperprolactinaemia. Pepperell RJ, et al. **Aust NZ J Obstet Gynaecol** 1984 May;24(2):117–20

Hypergravity induced prolactin surge in female rats. Megory E, et al. **Aviat Space Environ Med** 1985 May;56(5):415–8

Effect of low-dose dopamine infusion on prolactin and thyrotropin secretion in preterm infants with hyaline membrane disease. Seri I, et al. **Biol Neonate** 1985;47(6):317–22

Hormonal response to thyrotropin-releasing hormone following rest-activity reversal in normal men. Caroff SN, et al. **Biol Psychiatry** 1984 Jul;19(7):1015–25

The neuroendocrine and behavioral response to dextroamphetamine in normal individuals. Dommisse CS, et al. **Biol Psychiatry** 1984 Sep;19(9):1305–15

Hormone response to repeated electroconvulsive therapy: effects of naloxone. Haskett RF, et al. **Biol Psychiatry** 1985 Jun;20(6):623–33

Bromocriptine-related psychosis and treatment. Shukla S, et al. **Biol Psychiatry** 1985 Mar;20(3):326–8

Prolactin response to morphine in depression. Zis AP, et al. **Biol Psychiatry** 1985 Mar;20(3):287–92

Bromoergocryptine decreases serum prolactin and delays sexual maturation in male golden hamsters. Stroud CM, et al. **Biol Reprod** 1985 Jun;32(5):1191–9

Effect of feed and water deprivation or force-feeding on plasma prolactin concentration in turkey hens. Zadworny D, et al. **Biol Reprod** 1985 Mar;32(2):241–7

Cord blood prolactin and thyroid hormone levels after antenatal administration of betamethasone or ambroxol for prevention of respiratory distress syndrome (RDS). Luerti M, et al. **Biol Res Pregnancy Perinatol** 1984;5(3):124–9

Influence of bromocriptine on plasma prolactin, human placental lactogen, beta-HCG and steroid hormones in early human pregnancy. Tolino A, et al. **Biol Res Pregnancy Perinatol** 1985;6(2):70–2

Domperidone: secretion in breast milk and effect on puerperal prolactin levels. Hofmeyr GJ, et al. **Br J Obstet Gynaecol** 1985 Feb;92(2):141–4

High serum prolactin associated with poor prognosis in carcinoma of the prostate. Mee AD, et al. **Br J Urol** 1984 Dec;56(6):698–701

Effect of long term hormone replacement on plasma prolactin concentrations in women after oophorectomy. Barlow DH, et al. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):589–91

Intolerance of bromocriptine: is metergoline a satisfactory alternative? Casson IF, et al. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1783–4

Absence of response of prolactin to hypoglycaemia induced by insulin in obese children. Oseko F, et al. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):603

Circulating prolactin concentrations in chickens infected with Eimeria tenella. Chadwick A, et al. **Br Poult Sci** 1985 Jan;26(1):17–23

Effects of shearing on the reproductive activity and plasma prolactin levels of Dorset ewes. Pijoan PJ, et al. **Br Vet J** 1984 Sep–Oct;140(5):444–9

Effects of endogenous hyperprolactinaemia on opiate-induced behavioral changes in rats. Drago F, et al. **Brain Res** 1985 Jun 17;336(2):215–21

Catecholamine utilization in specific rat brain nuclei after short-term hyperprolactinaemia. Kovács GL, et al. **Brain Res** 1984 Dec 17;324(1):29–34

Hypothalamic neurotransmitter function in experimentally induced hyperprolactinemia. Peñalva A, et al. **Brain Res** 1984 Dec 24;324(2):233–41

Chronic hyperprolactinemia causes progressive changes in hypothalamic dopaminergic and noradrenergic neurons. Simpkins JW, et al. **Brain Res** 1984 Sep 10;309(2):277–82

Release of prolactin, thyrotropin, and growth hormone in women with cyclical mastalgia and fibrocystic disease of the breast. Watt-Boolsen S, et al. **Cancer** 1985 Aug 1;56(3):500–2

Plasma estradiol and prolactin levels and their response to stress in two strains of rat with different sensitivities to 7,12-dimethylbenz[a]anthracene-induced tumors. Goldman PR, et al. **Cancer Lett** 1985 Jan;25(3):277–82

A chronobiological study of melatonin, cortisol growth hormone and prolactin secretion in cluster headache. Chazot G, et al. **Cephalalgia** 1984 Dec;4(4):213–20

Neuroendocrine effects of flunarizine treatment in postmenopausal women. Facchinetti F, et al. **Cephalalgia** 1985 May;5 Suppl 2:187–8

Prolactin levels and hormonal profile in postmenopausal patients with advanced breast cancer during endocrine treatments. Pannuti F, et al. **Chemioterapia** 1985 Apr;4(2):127–34

Suppliers of kits for lutropin, follitropin, and prolactin should all use the same calibrators [letter] Albertini A, et al. **Clin Chem** 1984 Oct;30(10):1723–4

Naloxone reduces the fenfluramine-induced prolactin release *in man*. Foresta C, et al. **Clin Endocrinol (Oxf)** 1985 Apr;22(4):539–43

Comparison of the clinical activity of mesulergine and pergolide in the treatment of hyperprolactinaemia. Grossman A, et al. **Clin Endocrinol (Oxf)** 1985 May;22(5):611–6

Comparative study of nursing mothers in Africa (Zaire) and in Europe (Sweden): breastfeeding behaviour, nutritional status, lactational hyperprolactinaemia and status of the menstrual cycle. Hennart P, et al. **Clin Endocrinol (Oxf)** 1985 Feb;22(2):179–87

Auto-immune Addison's disease associated with hyperprolactinaemia. Lever EG, et al. **Clin Endocrinol (Oxf)** 1984 Oct;21(4):451–7

Comparison between bioactivity and immunoreactivity of serum prolactin in uraemia. Mooradian AD, et al. **Clin Endocrinol (Oxf)** 1985 Mar;22(3):241–7

Circulating catecholamine, thyrotrophin, thyroid hormone and prolactin responses of normal subjects to acute cold exposure. O'Malley BP, et al. **Clin Endocrinol (Oxf)** 1984 Sep;21(3):285–91

Hyperprolactinaemia, amenorrhoea and galactorrhoea due to a pituitary thyrotroph adenoma. Scanlon MF, et al. **Clin Endocrinol (Oxf)** 1985 Jul;23(1):35–42

Altered pulsatile secretion of luteinizing hormone in hypogonadal men with hyperprolactinaemia. Winters SJ, et al. **Clin Endocrinol (Oxf)** 1984 Sep;21(3):257–63

Evaluation of the central dopaminergic activity in gestational hyperprolactinaemia by means of the electroretinographic technique. De Luca Brunori I, et al. **Clin Exp Obstet Gynecol** 1985;12(1–2):13–5

Can pharmacologic hyperprolactinemia and breast-suction induce lactation in women with normal menstrual cycles? Polatti F, et al. **Clin Exp Obstet Gynecol** 1984;11(4):123–5

Mesulergine, a new dopamine agonist: effects on anterior pituitary function and kinetics. Borges JL, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):696–703

Mechanism of action and tolerance of mesulergine. Lamberts SW, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):620–7

Prolactin and its involvement in fluid regulation in the bovine. Becker BA, et al. **Comp Biochem Physiol [A]** 1985;81(1):93–8

Plasma concentrations of arginine vasotocin, prolactin, aldosterone and corticosterone in relation to oviposition and dietary NaCl in the domestic fowl. Rice GE, et al. **Comp Biochem Physiol [A]** 1985;81(4):769–77

The endocrinological profile of normal menstrual cycles in a population of Chinese women. Xiao BL, et al. **Contraception** 1985 Mar;31(3):217–30

Hyperprolactinemia--influence on hypothalamic-pituitary-gonadal axis. Nyboe Andersen A. **Dan Med Bull** 1984 Dec;31(6):413–24 (92 ref.)

Severe hyperprolactinaemia is associated with decreased insulin binding in vitro and insulin resistance in vivo. Schernthaner G, et al. **Diabetologia** 1985 Mar;28(3):138–42

Impaired LH-RH release by estrogen in women with sulpiride-induced hyperprolactinemia. Aono T, et al. **Endocrinol Jpn** 1984 Oct;31(5):571–5

Suppressive effects of cholecystokinin and bombesin on growth hormone and prolactin secretion in urethane-anesthetized rats. Karashima T, et al. **Endocrinol Jpn** 1984 Oct;31(5):539–47

The negative correlation between prolactin and ionic calcium in cord blood of full term infants. Nishiyama S, et al. **Endocrinol Jpn** 1985 Feb;32(1):9–15

Functional evaluation of the adenohypophysis with metoclopramide in hyperprolactinemic-amenorrheic women in relation to radiological findings on the sella turcica. Seki K, et al. **Endocrinol Jpn** 1984 Dec;31(6):733–9

D-Trp-6-luteinizing hormone-releasing hormone inhibits hyperprolactinemia in female rats. Debeljuk L, et al. **Endocrinology** 1985 Jun;116(6):2227–31

The influence of blinding, olfactory bulbectomy, and pinealectomy on twenty four-hour plasma prolactin levels in normal and neonatally androgenized female rats. Gala RR, et al. **Endocrinology** 1984 Oct;115(4):1256–61

Hyperprolactinemia inhibits gonadotropin-releasing hormone (GnRH) stimulation of the number of pituitary GnRH receptors. Garcia A, et al. **Endocrinology** 1985 Sep;117(3):954–9

The effect of different photoperiods on plasma concentrations of melatonin, prolactin, and cortisol in the domestic cat. Leyva H, et al. **Endocrinology** 1984 Nov;115(5):1729–36

Age-correlated and ovary-dependent changes in relationships between plasma estradiol and luteinizing hormone, prolactin, and growth hormone in female C57BL/6J mice. Mobbs CV, et al. **Endocrinology** 1985 Feb;116(2):813–20

Central nervous system regions involved in the estrogen-induced afternoon prolactin surge. II. Implantation studies. Pan JT, et al. **Endocrinology** 1985 Jul;117(1):388–95

Central nervous system regions involved in the estrogen-induced afternoon prolactin surge. I. Lesion studies. Pan JT, et al. **Endocrinology** 1985 Jul;117(1):382–7

Mainly mu-opiate receptors are involved in luteinizing hormone and prolactin secretion. Panerai AE, et al. **Endocrinology** 1985 Sep;117(3):1096–9

Hyperprolactinemia decreases the luteinizing hormone-releasing hormone concentration in pituitary portal plasma: a possible role for beta-endorphin as a mediator. Sarkar DK, et al. **Endocrinology** 1985 May;116(5):2080–4

Decline of tuberoinfundibular dopaminergic function resulting from chronic hyperprolactinemia in rats. Sarkar DK, et al. **Endocrinology** 1984 Oct;115(4):1269–74

Gonadal status influences developmental patterns of serum prolactin in female rhesus monkeys housed outdoors. Wilson ME, et al. **Endocrinology** 1985 Feb;116(2):640–5

Altered interrelationship of dopamine, prolactin, thyrotropin and thyroid hormone in schizophrenic patients. Rao ML, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(1):8–12

Serum oestradiol–17 beta and prolactin concentrations during the luteal phase in women with benign breast disease. Walsh PV, et al. **Eur J Cancer Clin Oncol** 1984 Nov; 20(11):1345–51

Vasoactive intestinal polypeptide stimulation of prolactin release and renin activity in normal man and patients with hyperprolactinaemia: effects of pretreatment with bromocriptine and dexamethazone. Lightman SL, et al. **Eur J Clin Invest** 1984 Dec;14(6):444–8

Effect of dihydroergokryptine administration on serum prolactin and growth hormone levels in normal, hyperprolactinaemic and acromegalic subjects: evidence of potent and long–lasting pituitary dopamine receptor stimulation. Ferrari C, et al. **Eur J Clin Pharmacol** 1985; 27(6):707–11

Aldosterone and prolactin responsiveness after prolonged treatment of congestive heart failure with captopril. Jungmann E, et al. **Eur J Clin Pharmacol** 1985;28(1):1–4

The effect of lisuride hydrogen maleate on anterior pituitary hormones, oestradiol and cortisol in normal and hyperprolactinaemic women. Koizumi K, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jul;20(1):19–26

Increased hepatic and reduced prostatic prolactin (PRL) binding in iron deficiency and during neuroleptic treatment: correlation with changes in serum PRL and testosterone. Barkey RJ, et al. **Eur J Pharmacol** 1985 Feb 26; 109(2):193–200

Correlation of hormone levels and quantitative histological findings in testicular biopsies. Mikuz G, et al. **Eur Urol** 1985;11(2):110–6

Serum prolactin levels before and after galactography in patients with pathological nipple discharge. Abet L, et al. **Exp Clin Endocrinol** 1984 Dec;84(3):360–3

Effect of beta–casomorphin and its analogue on serum prolactin in the rat. Nedvídková J, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):249–52

Hypercalcaemia and calcitonin inhibit prolactin secretion. Zofková I, et al. **Exp Clin Endocrinol** 1984 Dec;84(3):294–8

The effect of bromocriptine on the mammary glands of hyperprolactinemic rats. A histologic, ultrastructural and morphometric study. Murray IC, et al. **Exp Pathol** 1984; 26(3):131–40

Hyperprolactinemia and estrogen–induced rhythms in LH and prolactin release in the ovariectomized rat. Carr L, et al. **Experientia** 1985 Apr 15;41(4):494–6

Prolactin response to thyrotropin–releasing hormone (TRH) in patients with hypothalamic–pituitary disease. Barbieri RL, et al. **Fertil Steril** 1985 Jan;43(1):66–73

Diagnosis and management of prolactinomas. Blackwell RE. **Fertil Steril** 1985 Jan;43(1):5–16 (93 ref.)

Development of acromegaly in a patient with prolactinemia [letter] Elias AN. **Fertil Steril** 1985 Apr;43(4):673–5

Dissociation of serum prolactin response to sequential thyrotropin–releasing hormone and chlorpromazine stimulation in patients with primary empty sella syndrome. Futterweit W, et al. **Fertil Steril** 1984 Oct;42(4):573–8

Specific prolactin release refractoriness to thyroid–stimulating hormone–releasing factor in an obese infertile man. Hasen J, et al. **Fertil Steril** 1985 Jan; 43(1):135–8

Hyperprolactinemia in primary adrenocortical insufficiency. Kelver ME, et al. **Fertil Steril** 1985 Sep;44(3):423–5

Influence of chronic hyperprolactinemia induced by sulpiride on the hypothalamo–pituitary–testicular axis in normal men. Oseko F, et al. **Fertil Steril** 1985 Jul;44(1):106–11

Prolactin response after gonadotropin–releasing hormone in the polycystic ovary syndrome. Shoupe D, et al. **Fertil Steril** 1985 Apr;43(4):549–53

Titrating the dose of bromocriptine when treating hyperprolactinemic infertile women. Soto–Albors CE, et al. **Fertil Steril** 1985 Mar;43(3):485–7

Correlation and comparison of Nb2 lymphoma cell bioassay with radioimmunoassay for human prolactin. Subramanian MG, et al. **Fertil Steril** 1984 Dec;42(6):870–4

Studies on prolactin in major psychoses––with reference to prolactin response to stress in schizophrenia. Tsuchiya K. **Folia Psychiatr Neurol Jpn** 1984;38(1):53–6

Prolactin and acid stress in the teleost Oreochromis (formerly Sarotherodon) mossambicus. Wendelaar Bonga SE, et al. **Gen Comp Endocrinol** 1984 Aug;55(2):323–32

Spontaneous pregnancies in hyperprolactinemic women. Crosignani PG, et al. **Gynecol Obstet Invest** 1985; 19(1):17–20

Central opioid receptor activity in patients affected by puerperal, idiopathic and tumoral hyperprolactinemia. De Leo V, et al. **Gynecol Obstet Invest** 1985;19(3):160–5

Effect of fenfluramine oral administration on serum prolactin levels in healthy and hyperprolactinemic women. Scarduelli C, et al. **Gynecol Obstet Invest** 1985;19(2):92–6

Increased serum prolactin levels mediate the suppressive effects of ectopic pituitary grafts on copulatory behavior in male rats. Doherty PC, et al. **Horm Behav** 1985 Jun; 19(2):111–21

Suckling ability and maternal prolactin levels in hypothyroid rats. Tamásy V, et al. **Horm Behav** 1984 Dec;18(4):457–64

Plasma prolactin levels in parental male rats: effects of increased pup stimuli. Tate–Ostroff B, et al. **Horm Behav** 1985 Jun;19(2):220–6

Plasma glucose, insulin, glucagon and prolactin during long lasting lactation. Hennart P, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:183–5

Prolactin response to morphine and stress in Brattleboro hetero– and homozygous rats. Jurčovičová J, et al. **Horm Metab Res** 1985 Jul;17(7):382

Suppression of plasma prolactin in a patient with a pinealocytoma. Kraft K, et al. **Horm Metab Res** 1984 Jun; 16(6):324–5

Concentration of native prolactin and prolactin binding sites in hepatic subcellular fractions from hyperprolactinemic rats. Savoie S, et al. **Horm Metab Res** 1985 Mar;17(3):131–5

Effect of non aromatizable androgens on LHRH and TRH responses in primary testicular failure. Spitz IM, et al. **Horm Metab Res** 1984 Sep;16(9):492–7

Serum prolactin (PRL), testosterone (T), dehydroepiandrosterone (D) and dehydroepiandrosterone sulphate (D–s) in male uraemic patients on maintenance haemodialysis: effect of bromocriptine. Szücs J, et al. **Horm Metab Res** 1984 Sep;16(9):503–4

Pyridoxine (Vit. B6) decreases opioids–induced hyperprolactinemia. Vescovi PP, et al. **Horm Metab Res** 1985 Jan;17(1):46–7

Effect of acute intravenous growth hormone–releasing factor on plasma prolactin in short children and patients with growth hormone deficiency. Chatelain PG, et al. **Horm Res** 1985;22(1–2):46–51

Prolactin and thyrotropin response to thyrotropin–releasing hormone in premenopausal women with fibrocystic disease of the breast. Dogliotti L, et al. **Horm Res** 1985; 21(3):137–44

Delayed puberty and hypoplastic uterus associated with hyperprolactinemia: successful treatment with bromocriptine. Kauli R, et al. **Horm Res** 1985;22(1–2):68–73

The response of plasma prolactin to suckling during normal and prolonged lactation in the rat. Mattheij JA, et al. **Horm Res** 1984;20(4):261–8

Catecholamines and pituitary function. III. Restoration of the prolactin response to thyrotropin–releasing hormone by low–dose dopamine infusion in women with pathological hyperprolactinemia. Nicoletti I, et al. **Horm Res** 1984;20(3):202–12

Hyperprolactinaemia and testosterone production. Observations in 2 men on long–term dialysis. Stegmayr B, et al. **Horm Res** 1985;21(4):224–8

Effect of growth hormone–releasing factor on plasma growth hormone, prolactin and somatomedin C in hypopituitary and short normal children. Van Vliet G, et al. **Horm Res** 1985;22(1–2):32–45

Prolactin levels in pregnancy: comparison of normal subjects with patients having micro– or macroadenomas after early bromocriptine withdrawal. Woodhouse NJ, et al. **Horm Res** 1985;21(1):1–9

A quantitative analysis of germinal epithelium in response to pregnenolone and prolactin in hypoprolactinemic male rats. Sanyal S, et al. **Indian J Exp Biol** 1984 Mar;22(3):164–6

Lack of circadian rhythmicity in serum prolactin in traumatic tetraplegics during the spinal shock phase. Krishan K, et al. **Indian J Med Res** 1985 Apr;81:391–4

Testicular response to human chorionic gonadotrophin in men with non–tumoural hyperprolactinaemia. Padrón RS, et al. **Int J Androl** 1984 Dec;7(6):495–502

Effect of treatment with different doses of bromocriptine on plasma profiles of prolactin, gonadotrophins and testosterone in mature male rats and mice. Rao MR, et al. **Int J Androl** 1984 Jun;7(3):258–68

Hyperprolactinemia is an indicator of progressive disease and poor prognosis in advanced breast cancer. Holtkamp W, et al. **Int J Cancer** 1984 Sep 15;34(3):323–8

Abnormal prolactin response to thyrotrophic releasing hormone in essential hypertension. Hauger–Klevene JH, et al. **Int J Clin Pharmacol Res** 1983;3(2):111–4

Chronic treatment with 2–alpha–bromocriptine in women with the hyperprolactinemic syndrome. Eshel A, et al. **Int J Fertil** 1984;29(4):247–53

Transient hyperprolactinaemia in human menopausal gonadotropin induction of ovulation. Tang GW, et al. **Int J Fertil** 1984;29(3):136–40

Serum prolactin profiles of normal human conceptual cycles. Adejuwon CA, et al. **Int J Gynaecol Obstet** 1984 Jun; 22(3):213–6

Menstrual pattern and ovarian function in women with hyperprolactinemia. Bahamondes L, et al. **Int J Gynaecol Obstet** 1985 Feb;23(1):31–6

Pregnancy despite continued elevation of prolactin levels while on bromergocryptine. Corson SL, et al. **Int J Gynaecol Obstet** 1985 Apr;23(2):105–7

A hyperprolactinemic woman with regular ovulatory menstrual cycles. Miyakawa I, et al. **Int J Gynaecol Obstet** 1985 Apr;23(2):101–3

The use of bromocriptine in hyperprolactinemia and galactorrhea in Singapore. Tsakok FH, et al. **Int J Gynaecol Obstet** 1985 Apr;23(2):109–13

Prolactin and the hypothalamic–pituitary–testicular axis in cimetidine–treated men. Long JP, et al. **Ir Med J** 1985 Feb;78(2):48–51

Nocturnal prolactin secretion in carpal tunnel syndrome. Rossi E, et al. **Ital J Neurol Sci** 1984 Dec;5(4):405–8

A relationship between prolactin levels and dexamethasone suppression test results in major depressive disorder. Joyce PR, et al. **J Affective Disord** 1985 Mar–Apr;8(2):191–5

Alterations of testicular function induced by hyperprolactinemia in the rat. Katovich MJ, et al. **J Androl** 1985 May–Jun;6(3):179–89

Effects of induced hypoprolactinemia on testicular function during gonadal maturation in the rat. Suescun MO, et al. **J Androl** 1985 Mar–Apr;6(2):77–82

Induced hypoprolactinemia and testicular steroidogenesis in man. Suescun MO, et al. **J Androl** 1985 Jan–Feb;6(1):10–4

Plasma prolactin, LH, FSH and estrogen excretion patterns in gilts during sexual development. Camous S, et al. **J Anim Sci** 1985 May;60(5):1308–17

Evidence against chronic teat stimulation as an autonomous effector of diminished gonadotropin release in beef cows. Williams GL, et al. **J Anim Sci** 1984 Oct;59(4):1060–9

Prolactin response to chlorpromazine in hypogonadism. Patwardhan MH, et al. **J Assoc Physicians India** 1984 Oct; 32(10):859–62

Comparison of RIA kits with polyclonal antiserum and IRMA kits with monoclonal antibodies for the determination of plasma prolactin and somatotropin in patients with pituitary adenoma. Oosterom R, et al. **J Clin Chem Clin Biochem** 1985 Jan;23(1):51–4

Gonadotropin–releasing hormone pulsatile administration restores luteinizing hormone pulsatility and normal testosterone levels in males with hyperprolactinemia. Bouchard P, et al. **J Clin Endocrinol Metab** 1985 Feb; 60(2):258–62

Twenty four–hour prolactin profiles and prolactin responses to dopamine in long distance running women. Chang FE, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):631–5

Human menopausal gonadotropin/human chorionic gonadotropin–induced ovarian hyperstimulation with transient hyperprolactinemia: steroidogenesis enhanced during bromocriptine therapy in monkeys. Collins RL, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):727–33

Exercise–induced prolactin release is related to anaerobiosis. De Meirleir KL, et al. **J Clin Endocrinol Metab** 1985 Jun; 60(6):1250–2

Disparity of thyrotropin (TSH) and prolactin responses to TSH–releasing hormone in obesity. Donders SH, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):56–9

The influence of transient hyperprolactinemia on in vitro fertilization in humans. Forman R, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):517–22

Opioid effects on plasma concentrations of luteinizing hormone and prolactin in the adult male rhesus monkey. Gilbeau PM, et al. **J Clin Endocrinol Metab** 1985 Feb; 60(2):299–305

Low thyroxine levels in some hyperprolactinemic patients due to dopaminergic suppression of thyrotropin. Holdaway IM, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):608–13

Characterization of a large molecular weight prolactin in women with idiopathic hyperprolactinemia and normal menses. Jackson RD, et al. **J Clin Endocrinol Metab** 1985 Aug;61(2):258–64

Effects of metoclopramide–induced hyperprolactinemia during early follicular development on human ovarian function. Kauppila A, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):875–81

Vertebral body bone mineral content in hyperprolactinemic women. Koppelman MC, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1050–3

The natural history of idiopathic hyperprolactinemia. Martin TL, et al. **J Clin Endocrinol Metab** 1985 May;60(5):855–8

Benserazide effects on growth hormone, prolactin, and thyrotropin in normal and acromegalic man. Masturzo P, et al. **J Clin Endocrinol Metab** 1985 Aug;61(2):378–81

Prolactin and thyrotropin responses to thyrotropin–releasing hormone and metoclopramide in men with chronic alcoholism. Röjdmark S, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):595–600

Abnormal patterns of pulsatile luteinizing hormone secretion in women with hyperprolactinemia and amenorrhea: responses to bromocriptine. Sauder SE, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):941–8

Altered neuroendocrine regulation of gonadotropin secretion in women distance runners. Veldhuis JD, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):557–63

Hyperprolactinemia induced by an estrogen–progesterone synergy: quantitative and temporal effects of estrogen priming in monkeys. Williams RF, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):126–32

Effect of photoperiod on milk production and prolactin of Holstein dairy cows. Marcek JM, et al. **J Dairy Sci** 1984 Oct;67(10):2380–8

Pre–parturitional changes in serum prolactin, placental lactogen, growth hormone, progesterone, and corticosterone in the C3H/HeN mouse. Soares MJ, et al. **J Dev Physiol** 1984 Oct;6(5):423–9

Effects of hyperprolactinaemia and testosterone on the release of LH–releasing hormone and the gonadotrophins in intact and castrated rats. Brar AK, et al. **J Endocrinol** 1985 Jan;104(1):35–43

Hormone concentrations, mammary development and milk yield in goats given long–term bromocriptine treatment in pregnancy. Forsyth IA, et al. **J Endocrinol** 1985 Jan; 104(1):77–85

Changes in plasma prolactin in male starlings during testicular regression under short days compared with those during photorefractoriness. Goldsmith AR, et al. **J Endocrinol** 1984 Sep;102(3):353-6

Inverse changes in plasma prolactin and LH concentrations in female canaries after disruption and reinitiation of incubation. Goldsmith AR, et al. **J Endocrinol** 1984 Nov; 103(2):251-6

Effects of antiserum to thyrotrophin-releasing hormone on the concentrations of plasma prolactin, thyrotrophin and LH in the pro-oestrous rat. Horn AM, et al. **J Endocrinol** 1985 Feb;104(2):205-9

Effect of dehydration, haemorrhage and oviposition on serum concentrations of vasotocin, mesotocin and prolactin in the chicken. Nouwen EJ, et al. **J Endocrinol** 1984 Sep; 102(3):345-51

Effect of the new ergot derivative terguride on plasma PRL and GH levels in patients with pathological hyperprolactinemia or acromegaly. Dallabonzana D, et al. **J Endocrinol Invest** 1985 Apr;8(2):147-51

Prolactin and calcium metabolism: influence of hyperprolactinemia on immunoreactive parathyroid hormone levels in man and in the rat. Fiore CE, et al. **J Endocrinol Invest** 1984 Dec;7(6):647-52

Prolactin and thyrotropin response to blockade of dopamine synthesis by monoiodotyrosine in subjects with postpartum and pathological hyperprolactinemia. Ghigo E, et al. **J Endocrinol Invest** 1985 Feb;8(1):35-40

Estrogenic treatment does not modify the TSH and PRL responses to domperidone and TRH in patients with tumoral hyperprolactinemia. Ghigo E, et al. **J Endocrinol Invest** 1984 Oct;7(5):525-7

Twenty-four-hour prolactin secretory patterns in women with galactorrhea, normal menses, normal random prolacting levels and abnormal sellar tomograms. Kapcala LP, et al. **J Endocrinol Invest** 1984 Oct;7(5):455-60

Effect of different doses of naloxone on serum levels of prolactin and gonadotropins in young male volunteers. Knuth UA, et al. **J Endocrinol Invest** 1985 Feb;8(1):55-7

More on nomifensine [letter] Liuzzi A, et al. **J Endocrinol Invest** 1985 Apr;8(2):183-4

Failure of nomifensine to reduce serum prolactin levels in patients with hepatic encephalopathy. Masala A, et al. **J Endocrinol Invest** 1985 Feb;8(1):25-9

Nomifensine in hyperprolactinemic states [letter] Müller EE, et al. **J Endocrinol Invest** 1984 Aug;7(4):421

Differential effects of acute DA receptor blockade with domperidone on LH and TSH release in patients with hyperprolactinemia. Peters JR, et al. **J Endocrinol Invest** 1985 Apr;8(2):163-6

The inability of dynamic tests of prolactin and TSH secretion to differentiate between tumorous and non-tumorous hyperprolactinemia. Prescott RW, et al. **J Endocrinol Invest** 1985 Feb;8(1):49-54

Regulation of prolactin secretion during suckling: involvement of the hypothalamo-pituitary GABAergic system. Racagni G, et al. **J Endocrinol Invest** 1984 Oct; 7(5):481-7

Absent prolactin (PRL) response to thyrotropin releasing hormone (TRH) and somatostatin (SRIF) in at term fetus. Robuschi G, et al. **J Endocrinol Invest** 1984 Oct;7(5):521-4

Effect of chronic endogenous hypercalcemia on prolactin and thyrotropin responsiveness in man. Röjdmark S, et al. **J Endocrinol Invest** 1984 Dec;7(6):635-9

Effect of 1,25-dihydroxyvitamin D3 and nifedipine on prolactin release in normal man. Verbeelen D, et al. **J Endocrinol Invest** 1985 Apr;8(2):103-6

Plasma hormones (arginine vasotocin, prolactin, aldosterone, and corticosterone) in relation to hydration state, NaCl intake, and egg laying in fowls. Arad Z, et al. **J Exp Zool** 1984 Dec;232(3):707-14 (27 ref.)

Seasonal changes in the concentrations of plasma gonadotropins and prolactin in wild mallard drakes. Haase E, et al. **J Exp Zool** 1985 May;234(2):301-5

Plasma prolactin, renin and catecholamines in young normotensive and borderline hypertensive subjects. Saito I, et al. **J Hypertens** 1984 Feb;2(1):61-4

Idiopathic non-puerperal galactorrhoea. Natarajan C, et al. **J Indian Med Assoc** 1984 May;82(5):175-6

Microplate solid-phase radioimmunoassay for rat prolactin. Beach JE, et al. **J Lab Clin Med** 1985 Mar;105(3):29[illegible]-8

Hyperprolactinemia in secondary amenorrhea: incidence and clinical features. Rojanasakul A, et al. **J Med Assoc Thai** 1984 Oct;67 Suppl 2:61-7

Antipsychotic treatment with alpha-methyltyrosine in combination with thioridazine: prolactin response and interaction with dopaminergic precursor pools. Larsson M, et al. **J Neural Transm** 1984;60(2):115-32

Hyperprolactinemic amenorrhea induced by an intrasellar epithelial cyst. Buonaguidi R, et al. **J Nucl Med Allied Sci** 1984 Apr-Jun;28(2):123-8

Decreased prolactin secretion in childhood obesity. AvRuskin TW, et al. **J Pediatr** 1985 Mar;106(3):373-8

Acute effects of marihuana smoking on prolactin levels in human females. Mendelson JH, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):220-2

Peripheral plasma prolactin concentrations during oestrous cycles in different types of primitive gilt. Gromadzka-Ostrowska J, et al. **J Reprod Fertil** 1985 Jan; 73(1):159-64

Seasonal and circadian patterns of circulating prolactin during lactation and seasonal quiescence in the tammar, Macropus eugenii. Hinds LA, et al. **J Reprod Fertil** 1985 May;74(1):173-83

Effects of melatonin implants in ram lambs. Kennaway DJ, et al. **J Reprod Fertil** 1985 Jan;73(1):85-91

Effects of oestradiol benzoate treatment on the reproductive performance and endocrine status of sows after lactations of 10 or 35 days. Kirkwood RN, et al. **J Reprod Fertil** 1984 Nov;72(2):329-37

Twenty-four-hour profiles of prolactin and testosterone in ram lambs exposed to skeleton photoperiods consisting of various light pulses. Schanbacher BD, et al. **J Reprod Fertil** 1985 Jan;73(1):37-43

Relationships between LH, FSH and prolactin secretion and reproductive activity in the weaned sow. Shaw HJ, et al. **J Reprod Fertil** 1985 Sep;75(1):17-28

Evidence that the onset of the breeding season in the ewe may be independent of decreasing plasma prolactin concentrations. Worthy K, et al. **J Reprod Fertil** 1985 Sep; 75(1):237-46

Effects of hyperprolactinemia on activities of 17-hydroxylase, 17 beta-ol-dehydrogenase and 5 alpha-reductase in neonatally grafted and host testes in mice. Takeyama M, et al. **J Steroid Biochem** 1985 Jun; 22(6):837-42

Evidence for the association between blood prolactin and androgen receptors in BPH. Odoma S, et al. **J Urol** 1985 Apr;133(4):717-20

Plasma prolactin levels in patients with essential hypertension, malignant hypertension and secondary hypertension. Tanaka S, et al. **Jpn J Med** 1985 Feb; 24(1):19-23

Parallelism between avoidance-suppressing and prolactin-increasing effects of antipsychotic drugs in rats. Hayashi T, et al. **Jpn J Pharmacol** 1984 Aug;35(4):451-6

Prolactin predicts cardiac allograft rejection in cyclosporin immunosuppressed patients [letter] Larson DF, et al. **Lancet** 1985 Jul 6;2(8445):53

Age-related differences in the serum prolactin response during standardized surgery. Arnetz BB, et al. **Life Sci** 1984 Dec 24;35(26):2675-80

Adrenalectomy does not prevent the hyperprolactinemic, induced sexual behavior deficits in CDF male rats. Shrenker P, et al. **Life Sci** 1985 May 13;36(19):1881-8

The effect of estrogen treatment on plasma concentrations of steroid hormones, gonadotropins, prolactin and sex hormone-binding globulin in post-menopausal women. Mathur RS, et al. **Maturitas** 1985 Jul;7(2):129-33

Variations of serum prolactin levels in Malay women from premenarche to the postmenopause. Rajikin MH, et al. **Med J Malaysia** 1984 Jun;39(2):135-8

Effects of the 1,5-benzodiazepine clobazam on pituitary hormones in the male rat. Valli M, et al. **Methods Find Exp Clin Pharmacol** 1985 Apr;7(4):179-81

Comparison between rat prolactin radioimmunoassay and bioassay values under different experimental and physiological conditions. Owens RE, et al. **Mol Cell Endocrinol** 1985 Feb;39(2):131-40

Pregnancy and the hyperprolactinemic woman. Molitch ME. **N Engl J Med** 1985 May 23;312(21):1364-70 (98 ref.)

Prolactin plasma levels and its size heterogeneity in acutely uremic rats. Martin-Oar JE, et al. **Nephron** 1984; 38(3):188-92

Role of gonadal and adrenal steroids in the impairment of the male rat's sexual behaviour by hyperprolactinaemia. Bailey DJ, et al. **Neuroendocrinology** 1984 Dec;39(6):555-62

Daily fluctuations in the activity of the tuberoinfundibular GABAergic system and plasma prolactin levels. Casanueva F, et al. **Neuroendocrinology** 1984 Oct;39(4):367-70

Hypoprolactinemia induced by hypophysectomy and long-term bromocriptine treatment decreases tuberoinfundibular dopaminergic neuronal activity and the responsiveness of these neurons to prolactin. Demarest KT, et al. **Neuroendocrinology** 1985 May;40(5):369-76

A detailed examination of the in vivo and in vitro effects of ACTH on gonadotropin secretion in the adult rat. Mann DR, et al. **Neuroendocrinology** 1985 Apr;40(4):297-302

Evidence that chronic hyperprolactinemia effects skin temperature regulation through an opioid mechanism. Simpkins JW, et al. **Neuroendocrinology** 1984 Oct; 39(4):321-9

Altered sensitivity to an opiate antagonist, naloxone, in hyperprolactinemic male rats. Sweeney CA, et al. **Neuroendocrinology** 1985 Jul;41(1):1-6

Prolactin changes after seizures classified by EEG monitoring. Laxer KD, et al. **Neurology** 1985 Jan;35(1):31-5

Serum prolactin levels after epileptic seizures. Wyllie E, et al. **Neurology** 1984 Dec;34(12):1601-4

Stress-induced release of cortisol and prolactin during dilatation and curettage under general and local anesthesia. Beksaç MS, et al. **Neuropsychobiology** 1984;11(4):227-8

Thyrotropin-releasing hormone provocative release of prolactin and thyrotropin in acute head injury. Matsuura H, et al. **Neurosurgery** 1985 Jun;16(6):791-5

Primary intrasellar germinoma in a woman presenting with secondary amenorrhea and hyperprolactinemia. Shen DY, et al. **Neurosurgery** 1984 Sep;15(3):417-20

Pituitary transplantation: Part 1. Successful reconstitution of pituitary-dependent hormone levels. Tulipan NB, et al. **Neurosurgery** 1985 Mar;16(3):331-5

Effects of dehydroepiandrosterone-sulphate (DHEA-S) administration on puerperal lactation and maternal prolactin and estradiol levels. Aisaka K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1935-42

Relationship between maternal prolactin levels during pregnancy and lactation in women with pituitary adenoma. Narita O, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May;37(5):758-62

Effect of suckling on serum prolactin, luteinizing hormone, follicle-stimulating hormone, and estradiol during prolonged lactation. Battin DA, et al. **Obstet Gynecol** 1985 Jun;65(6):785-8

Conception rate after gonadotropin therapy in hyperprolactinemia and normoprolactinemia. Farine D, et al. **Obstet Gynecol** 1985 May;65(5):658-60

Hyperprolactinemia and contraception: a prospective study. Luciano AA, et al. **Obstet Gynecol** 1985 Apr;65(4):506-10

Hyperprolactinemia in women with paternal deprivation during childhood. Sobrinho LG, et al. **Obstet Gynecol** 1984 Oct;64(4):465-8

Diagnosis and treatment of hyperprolactinemic syndromes. Blackwell RE. **Obstet Gynecol Annu** 1985;14:310-27 (135 ref.)

Prolactin and TSH response to alpha-methyl-l-tyrosine in normal subjects and in women with pathological hyperprolactinemia. Ghigo E, et al. **Panminerva Med** 1985 Jan-Mar;27(1):21-4

Failure of chronic haloperidol to affect prolactin secretion due to acute haloperidol administration. Parati EA, et al. **Pharmacol Res Commun** 1985 May;17(5):407-15

The influence of fenfluramine stimulation on prolactin plasma levels in lithium long-term-treated manic-depressive patients and healthy subjects. Mühlbauer HD. **Pharmacopsychiatry** 1984 Nov;17(6):191-3

Acute endocrine correlates of attack by lactating females in male mice: effects on plasma prolactin, luteinizing hormone and corticosterone levels. Broida J, et al. **Physiol Behav** 1984 May;32(5):891-3

Effects of mastectomy and vagotomy on grooming behavior of the rat: possible involvement of prolactin. Gerendai I, et al. **Physiol Behav** 1984 Jul;33(1):1-4

Influence of shock-induced fighting and social factors on pituitary-adrenal activity, prolactin and catecholamine synthesizing enzymes in rats. Mormède P, et al. **Physiol Behav** 1984 May;32(5):723-9

Plasma prolactin levels during conditioned avoidance behavior in rats. Yelvington DB, et al. **Physiol Behav** 1985 Mar;34(3):441-3

Hyperprolactinaemia in male diabetics. Mooradian AD, et al. **Postgrad Med J** 1985 Jan;61(711):11-4

Cyproheptadine stimulated prolactin release in the young turkey (Meleagris gallopavo). Fehrer SC, et al. **Poult Sci** 1985 May;64(5):1038-40

Two methods for serial blood sampling from unrestrained, undisturbed turkeys with notes on the effects of acute stressors on plasma levels of prolactin. Opel H, et al. **Poult Sci** 1984 Aug;63(8):1644-52

The relationship between plasma concentrations of prolactin and consumption of feed and water during the reproductive cycle of the domestic turkey. Zadworny D, et al. **Poult Sci** 1985 Feb;64(2):401-10

Effects of naloxone infusion on gonadotrophin and prolactin concentrations in patients with chronic renal failure. Cossu M, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:608-13

Effect of propiomazine on plasma prolactin in the rat: counteraction by L-dopa. Fayez M, et al. **Proc Soc Exp Biol Med** 1985 Apr;178(4):606-9

Prolactin responses to chronic exercise in males. Kaufman FL, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):546-8

Simultaneous radioimmunoassay for luteinizing hormone and prolactin. Steele MK, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):101-4

Sulpiride-induced hyperprolactinemia and impotence in male psychiatric outpatients. Weizman A, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985; 9(2):193-8

Plasma prolactin concentrations in true and hysterical seizures. Prasad A. **Przegl Lek** 1984;41(12):705-7

Prolactin, aggression and hostility: a discussion of recent studies. Kellner R, et al. **Psychiatr Dev** 1984 Summer; 2(2):131-8

Hormonal responses to zimelidine and desipramine in depressed patients. Calil HM, et al. **Psychiatry Res** 1984 Nov;13(3):231-42

Effect of atropine on the diurnal PRL responses to TRH in normal subjects. Nathan RS, et al. **Psychoneuroendocrinology** 1984;9(3):301-4

Differential responses in prolactin levels induced by naloxone in humans. Steardo L, et al. **Psychoneuroendocrinology** 1985;10(2):203-9

Prolactin, amitriptyline, and recovery from depression. Lisansky J, et al. **Psychopharmacology (Berlin)** 1984; 84(3):331-5

Antidepressant side effects [letter] **Psychosomatics** 1984 Dec; 25(12):919-20

Neuropsychiatric presentation of men with pituitary tumors (the 'four A's'). Cohen LM, et al. **Psychosomatics** 1984 Dec; 25(12):925-8

Behavior therapy, pimozide treatment and prolactin secretion in anorexia nervosa. Weizman A, et al. **Psychother Psychosom** 1985;43(3):136-40

(D-Met2,Pro5) enkephalinamide causes a decrease in plasma prolactin levels of lactating rats continuously suckled and an increase in those deprived of their litter. Nagy G, et al. **Regul Pept** 1984 Jul;8(4):321–6

Role of brain epinephrine neurons in the regulation of serum prolactin and luteinizing hormone release in female rats. Liang NY, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jun;48(3):459–62

The presence of macromolecular prolactin in serum of pregnant women and patients with pituitary adenoma. Ohnami S, et al. **Sangyo Ika Daigaku Zasshi** 1985 Jun 1; 7(2):185–92

Plasma prolactin concentrations and pregnancy-induced hypertension. Morrison JC, et al. **South Med J** 1985 May; 78(5):548–50

The effects of prolactin on rat ovarian function. Munabi AK, et al. **Steroids** 1984 Jun;43(6):631–7

Intrasellar chordoma and hyperprolactinemia. Elias Z, et al. **Surg Neurol** 1985 Feb;23(2):173–6

Circadian rhythm of plasma prolactin in heifers. Madej A, et al. **Zentralbl Veterinarmed** [A] 1985 Jun;32(6):419–27

[Diagnostic difficulties in the organic form of hyperprolactinemia] Bŭrdarova I, et al. **Akush Ginekol (Sofiia)** 1984;23(5):412–5 (Eng. Abstr.) **(Bul)**

[Effect of a once-a-month oral contraceptive on serum prolactin levels] Jia MC, et al. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Mar;20(2):113–6, 127 (Eng. Abstr.) **(Chi)**

[Hyperprolactinemia and ovulatory dysfunction] Su YH. **Chung Hua Fu Chan Ko Tsa Chih** 1985 May;20(3):140–3, 189 (Eng. Abstr.) **(Chi)**

[Hyperprolactinemia and its treatment (analysis of 107 cases)] Wu JZ. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Jan; 20(1):34–7, 60 (Eng. Abstr.) **(Chi)**

[Hyperprolactinemia--its relation to galactorrhea, amenorrhea, pituitary tumor and its management] Ge QS. **Chung Hua I Hsueh Tsa Chih** 1984 Sep;64(9):545–9 (Eng. Abstr.) **(Chi)**

[Basal serum prolactin in liver cirrhosis and its clinical significance] Dang ZD, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Mar;24(3):153–4, 190 (Eng. Abstr.) **(Chi)**

[Abnormal secretion of thyrotropic hormone and prolactin in acute intermittent porphyria] Brožková V, et al. **Cas Lek Cesk** 1984 Oct 19;123(42):1280–2 (Eng. Abstr.) **(Cze)**

[Levels of prolactin and growth hormone after administration enkephalin analogs in rats] Nedvídková J, et al. **Cesk Farm** 1984 Nov;33(9):364–6 (Eng. Abstr.) **(Cze)**

[A case of treated primary sterility and the course of pregnancy in the amenorrhea-galactorrhea syndrome associated with pituitary adenoma and hyperprolactinemia] Křivan R. **Cesk Gynekol** 1985 Jun;50(5):361–2 **(Cze)**

[The relation between prolactin and lactational anestrus in swine] Bevers MM, et al. **Tijdschr Diergeneeskd** 1985 Feb 1;110(3):107–13 (Eng. Abstr.) **(Dut)**

[Seasonal variation in the nyctohemeral rhythm of prolactin in cows] Fabry J, et al. **Ann Endocrinol (Paris)** 1984; 45(2):119–24 (Eng. Abstr.) **(Fre)**

[Activity of clobazam on plasma prolactin and gonadotropins after administration of sulpiride in the male rat] Valli M, et al. **Ann Endocrinol (Paris)** 1984;45(6):409–11 (Eng. Abstr.) **(Fre)**

[Annual variations in plasma prolactin and testosterone concentrations in the Ouled-Djellal ram in Algeria] Darbeida H, et al. **C R Acad Sci [III]** 1984;299(19):789–94 (Eng. Abstr.) **(Fre)**

[Variations in circulating levels of prolactin and growth hormone during physical exercise in man: influence of the intensity of the workout] Nguyen NU, et al. **C R Soc Biol (Paris)** 1984;178(4):450–7 (Eng. Abstr.) **(Fre)**

[Changes in LH, FSH, PRL and estradiol after perfusion with naloxone in normal and amenorrheic women] Gandar R, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984; 13(7):765–9 (Eng. Abstr.) **(Fre)**

[Increased prolactin and testosterone in the chronic alcoholic: persistence of the rise after detoxication treatment] Lecerf JM, et al. **LARC Med** 1984 Dec;4(10):585–92 (Eng. Abstr.) **(Fre)**

[Primary hyperprolactinemia associated with von Recklinghausen's neurofibromatosis (letter)] Lorcy Y, et al. **Presse Med** 1984 Nov 3;13(39):2388 **(Fre)**

[Functional hyperprolactinemia] Drapier-Faure E. **Rev Fr Gynecol Obstet** 1985 Jul;80(7):519–23 (Eng. Abstr.) **(Fre)**

[The effects of bromocriptine in normoprolactinemic anovulation and dysovulation: followed by pregnancy in 11 cases] Vitse M, et al. **Rev Fr Gynecol Obstet** 1984 Dec; 79(12):791–5 (Eng. Abstr.) **(Fre)**

[Hyperandrogenism and hyperprolactinemia, causes of female infertility. Current treatment] Gaspard U. **Rev Med Liege** 1985 Jun 1;40(11):446–51 **(Fre)**

[Therapy of hyperprolactinemia] Schatz H. **Dtsch Med Wochenschr** 1985 Jun 14;110(24):964–6 **(Ger)**

[Diagnosis of hyperprolactinemia] Schatz H. **Dtsch Med Wochenschr** 1985 Jun 14;110(24):962–3 **(Ger)**

[Hyperprolactinemic ovarian insufficiency] Smekal G, et al. **Gynakol Rundsch** 1984;24(3):191–3 **(Ger)**

[Reaction of thyrotropin and prolactin to TRH stimulation in the diagnosis of nodular thyroid gland hyperplasia] Vakulenko AD. **Radiol Diagn (Berl)** 1984;25(5):577–81 (Eng. Abstr.) **(Ger)**

[Hyperprolactinemic ovarian insufficiency] Rjosk HK, et al. **Wien Med Wochenschr** 1984 Sep 15;134(17):388–92 (Eng. Abstr.) **(Ger)**

[Bromocriptine treatment of hyperprolactinemia] Gauer J, et al. **Z Gesamte Inn Med** 1985 Jul 1;40(13):393–6 (Eng. Abstr.) **(Ger)**

[Bromocriptine therapy of prolactinoma in pregnancy] Nehmzow M, et al. **Zentralbl Gynakol** 1985; 107(14):899–903 (Eng. Abstr.) **(Ger)**

[The coincidence of gonadal dysgenesis and hyperprolactinemia] Rudolf K, et al. **Zentralbl Gynakol** 1985;107(14):889–93 (Eng. Abstr.) **(Ger)**

[Primary hyperprolactinemic amenorrhea. Report of 4 patients] Rudolf K, et al. **Zentralbl Gynakol** 1985; 107(14):894–8 (Eng. Abstr.) **(Ger)**

[Lactation inhibition with various dosages of lisuride--prolactin secretion and effectiveness] Strahl HJ, et al. **Zentralbl Gynakol** 1985;107(5):300–3 (Eng. Abstr.) **(Ger)**

[Circadian and circumannual variations in the level of plasma TSH and prolactin in healthy adult males] Guagnano MT, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2039–45 (Eng. Abstr.) **(Ita)**

[Liposomes of hypothalamic phospholipids: evaluation of their efficacy in subjects pretreated with sulpiride] Grandi M, et al. **Clin Ter** 1984 Oct 31;111(2):147–54 (Eng. Abstr.) **(Ita)**

[Low blood values of prolactin in women with psychogenic amenorrhea and anorexia nervosa] Natoli A, et al. **Clin Ter** 1985 Jun 30;113(6):499–501 (Eng. Abstr.) **(Ita)**

[Hypoprolactinemia in subjects with psychic impotence] Natoli A, et al. **Clin Ter** 1985 Jun 15;113(5):401–3 (Eng. Abstr.) **(Ita)**

[Increased serum levels of GH, PRL and TSH in a woman with primary preclinical hypothyroidism and premenstrual tension syndrome] Natoli A, et al. **Clin Ter** 1984 Sep 15; 110(5):483–6 (Eng. Abstr.) **(Ita)**

[Behavior of several hormonal and nonhormonal parameters in obesity. 1. Blood prolactin] Paggi A, et al. **Clin Ter** 1985 Apr 15;113(1):19–27 (Eng. Abstr.) **(Ita)**

[Clinical problem of hyperprolactinemia in gynecology: behavior of salivary testosterone in hyperprolactinemia with anovulation] Piccione E, et al. **Clin Ter** 1984 Jul 15; 110(1):51–3 (Eng. Abstr.) **(Ita)**

[Variations in prolactinemia in 26 uremic subjects treated by periodic hemodialysis] Deambrogio P, et al. **Minerva Med** 1985 Apr 28;76(17–18):847–9 (Eng. Abstr.) **(Ita)**

[Prolactin in chronic alcoholic liver diseases with and without gynecomastia] Nardoni A, et al. **Minerva Med** 1985 Jan 14;76(1–2):37–42 (Eng. Abstr.) **(Ita)**

[Prolactin in the alcohol withdrawal syndrome. Role of the dopaminergic system] Nardoni A, et al. **Minerva Med** 1984 Dec 15;75(47–48):2833–8 (Eng. Abstr.) **(Ita)**

[Measurement of serum prolactin and the effect of ketamine anesthesia on serum prolactin levels in cynomolgus monkeys (Macaca fascicularis)] Yoshida T, et al. **Jikken Dobutsu** 1985 Apr;34(2):165–71 (Eng. Abstr.) **(Jpn)**

[Hormonal profiles and structures in normal women and in patients with benign and malignant breast diseases] Imayoshi E, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Jun 20;19(5):1014–20 (Eng. Abstr.) **(Jpn)**

[The response of ovarian function to HMG-HCG and bromocriptine therapies in hyperprolactinemic patients] Matsuoka M, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 May 20;60(5):647–58 (Eng. Abstr.) **(Jpn)**

[The effects of bromocriptine on anovulatory patients with high LH and euprolactinemia] Mori H, et al. **Nippon Naibunpi Gakkai Zasshi** 1985 Jan 20;61(1):48–55 (Eng. Abstr.) **(Jpn)**

[Effects of mother-infant interaction on maternal milk secretion and dynamics of maternal serum prolactin levels in puerperium] Aisaka K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May; 37(5):713–20 (Eng. Abstr.) **(Jpn)**

[The influences of prostaglandin E2 on hormones in maternal-fetoplacental unit] Miyakawa I, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1197–202 (Eng. Abstr.) **(Jpn)**

[Effect of danazol on serum prolactin and cortisol levels] Takeuchi T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Feb;37(2):265–70 (Eng. Abstr.) **(Jpn)**

[Use of spironolactone in the treatment of women with polycystic ovary syndrome associated with hyperprolactinemia] Milewicz A, et al. **Ginekol Pol** 1984 Oct;55(10):737–40 (Eng. Abstr.) **(Pol)**

[Hyperprolactinemia in women] Mikrut W. **Wiad Lek** 1985 Apr 1;38(7):509–11 (47 ref.) (Eng. Abstr.) **(Pol)**

[Bromocriptine in the treatment of female infertility with functional hyperprolactinemia and normoprolactinemia] Markovski N, et al. **Akush Ginekol (Mosk)** 1984 Oct; (10):71–3 (Eng. Abstr.) **(Rus)**

[Cortisol secretion in patients with hyperprolactinemia syndrome] Veinberg EG, et al. **Klin Med (Mosk)** 1984 Aug; 62(8):109–13 (Eng. Abstr.) **(Rus)**

[Cerebral nanism associated with diabetes insipidus and hyperprolactinemia in a patient with a history of neuroinfection] Kozlov GI, et al. **Probl Endokrinol (Mosk)** 1985 Jan–Feb;31(1):40–1 **(Rus)**

[Levels of various pituitary and pancreatic hormones in the blood of patients with non-insulin-dependent diabetes mellitus] Perelygina AA, et al. **Probl Endokrinol (Mosk)** 1984 Sep–Oct;30(5):10–3 (Eng. Abstr.) **(Rus)**

[Prolactin level in primary hypothyroidism] Pisarskaia IV, et al. **Sov Med** 1985;(2):15–8 (Eng. Abstr.) **(Rus)**

[Dynamics of calcitonin, prolactin and carcino-embryonic antigen during the treatment of breast cancer in menopausal patients] Tkacheva GA, et al. **Vestn Akad Med Nauk SSSR** 1984;(10):88–94 (Eng. Abstr.) **(Rus)**

[Hormonal disorders in chronic alcoholic intoxication] Kolupaev GP, et al. **Zh Nevropatol Psikhiatr** 1984; 84(11):1712–4 (Eng. Abstr.) **(Rus)**

[Hyperprolactinemia and hypophyseal tumors--results of treatment with bromocriptine] Stankovski M, et al. **Jugosl Ginekol Opstet** 1984 Jan–Apr;24(1–2):1–6 (Eng. Abstr.) **(Scr)**

[Prolactin and male infertility] Allona Almagro A, et al. **Actas Urol Esp** 1984 Nov–Dec;8(6):475–8 (Eng. Abstr.) **(Spa)**

[Growth retardation, GH deficiency, hyperprolactinemia and delayed puberty] Carmona M, et al. **An Esp Pediatr** 1985 Apr 15;22(5):397–401 (Eng. Abstr.) **(Spa)**

[Hyperprolactinemia of primary hypothyroidism. Relative role of the duration of thyroid hypofunction] Jervis R, et al. **Med Clin (Barc)** 1984 Nov 3;83(14):575–7 (Eng. Abstr.) **(Spa)**

[Plasma prolactin in the puerperium and its relation to the use of methylergonovine maleate] González P, et al. **Rev Chil Obstet Ginecol** 1984;49(3):149–55 (Eng. Abstr.) **(Spa)**

[Prolactin and estradiol levels in the plasma of patients with hepatic cirrhosis] Conde Yagüe R, et al. **Rev Clin Esp** 1985 Jan;176(1):13–7 (Eng. Abstr.) **(Spa)**

[Effect of ACTH and glucocorticoids on plasma prolactin levels in the male rat] López-Calderón A, et al. **Rev Esp Fisiol** 1984 Dec;40(4):483–8 (Eng. Abstr.) **(Spa)**

CEREBROSPINAL FLUID

Variations of prolactin content in human cerebrospinal fluid after metoclopramide and morphine. Rolandi E, et al. **Life Sci** 1985 Mar 4;36(9):901–5

DIAGNOSTIC USE

Radioiodinated prolactin as a potential mammary tumor localizing agent. Shani J, et al. **Int J Nucl Med Biol** 1984; 11(2):149–52

GENETICS

Sexual dimorphism in amino acid compositions of mouse prolactin. Hashimoto H, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1209–16

Identification of the mRNA coding for prolactin in the human decidua. Taii S, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):530–7

Selective binding of the estradiol receptor to a region at least one kilobase upstream from the rat prolactin gene. Maurer RA. **DNA** 1985 Feb;4(1):1–9

A new member of the prolactin-growth hormone gene family expressed in mouse placenta. Linzer DI, et al. **EMBO J** 1985 Jun;4(6):1419–23

Estrogen regulates the transcription of the rat prolactin gene in vivo through at least two independent mechanisms. Shull JD, et al. **Endocrinology** 1985 Jun;116(6):2456–62

Regulation by calcium of prolactin and growth hormone mRNA sequences in primary cultures of rat pituitary cells. Gick GG, et al. **J Biol Chem** 1985 Jun 25;260(12):7614–8

Nucleotide sequence of mouse prolactin and growth hormone mRNAs and expression of these mRNAs during pregnancy. Linzer DI, et al. **J Biol Chem** 1985 Aug 15;260(17):9574–9

Evidence for a role of calmodulin in the regulation of prolactin gene expression. White BA. **J Biol Chem** 1985 Jan 25;260(2):1213–7

Repetitive DNA sequences within and around the rat prolactin gene. Weber JL, et al. **Mol Cell Biochem** 1985 Jan;65(2):171–9

gamma-Aminobutyric acid decreases levels of messenger ribonucleic acid encoding prolactin in the rat pituitary. Loeffler JP, et al. **Neurosci Lett** 1985 Jan 7;53(1):121–5

Mapping of N6-methyladenosine residues in bovine prolactin mRNA. Horowitz S, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5667–71

IMMUNOLOGY

Mouse monoclonal antibodies against ovine prolactin. Pousette A. **Acta Chem Scand [B]** 1984;38(9):747–50

Prolactin cell autoantibodies and Alzheimer's disease [letter] Philpot M, et al. **J Neurol Neurosurg Psychiatry** 1985 Mar; 48(3):287–8

Topographic and functional assay of antigenic determinants of human prolactin with monoclonal antibodies. Cook KM, et al. **Mol Immunol** 1985 Jul;22(7):795–801

Further studies on the localization of angiotensin-II-like immunoreactivity in the anterior pituitary gland of the male rat, comparing various antisera to pituitary hormones and their specificity. Deschepper CF, et al. **Neuroendocrinology** 1985 Jun;40(6):471–5

Antiserum to prolactin lowers blood pressure (BP) in spontaneously hypertensive rats. Mills DE, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):317–20

ISOLATION & PURIFICATION

Isolation of two different pools of pituitary prolactin. Torres AI, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):25–30

Cleaving of disulfide bridges and apparent molecular weight of human prolactin variants as revealed by immunoperoxidase electrophoresis. Meuris S, et al. **Anal Biochem** 1984 Nov 15;143(1):163–9

Secreted mouse prolactin (PRL) and stored ovine PRL. I. Biochemical characterization, isolation, and purification of their electrophoretic isoforms. Haro LS, et al. **Endocrinology** 1985 Jan;116(1):346–52

Isolation and purification of prolactin from human amniotic fluid by a combination of affinity chromatography and chromatofocusing. Sheth JJ, et al. **Indian J Biochem Biophys** 1984 Apr;21(2):89–92

Crystallization and preliminary x-ray characterization of bovine growth hormone. Purification of bovine prolactin and growth hormone. Bell JA, et al. **J Biol Chem** 1985 Jul 15;260(14):8520–5

[The ionic heterogeneity of human prolactin (PRL) from amniotic fluid] Taguchi H, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jun;37(6):973–81 (Eng. Abstr.) **(Jpn)**

[Multiple forms of hypophyseal prolactin. A new glycosylated form of prolactin with increased biological activity] Butnev VIu, et al. **Biokhimiia** 1984 Nov;49(11):1828–39 (Eng. Abstr.) **(Rus)**

METABOLISM

Effect of long-term corticosteroid administration on rat pituitary growth hormone and prolactin. Oosterom R, et al. **Acta Endocrinol (Copenh)** 1985 Apr;108(4):475–8

Dynamics of human chorionic gonadotropin, prolactin, and growth hormone in serum and amniotic fluid throughout normal human pregnancy. Kletzky OA, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):878–84

Prolactin production by explants of normal, luteal phase defective, and corrected luteal phase defective late secretory endometrium. Ying YK, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):801–4

Specific binding sites for ovine prolactin in three amphibian cell lines. Dunand M, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):C80–7

Peptide products of the cleavage of bovine preprolactin by signal peptidase. Stern JB, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):244–52

Abnormal thyrotropin and prolactin levels in untreated corticotropin deficiency. Gonzalez JJ, et al. **Arch Intern Med** 1985 Feb;145(2):356–7

The clinical significance of endometrial prolactin. Healy DL. **Aust NZ J Obstet Gynaecol** 1984 May;24(2):111–6 (42 ref.)

Hypergravity effects on litter size, nursing activity, prolactin, TSH, T3, and T4 in the rat. Megory E, et al. **Aviat Space Environ Med** 1984 Dec;55(12):1129–35

Synergistic stimulation of prolactin release by phorbol ester, A23187 and forskolin. Delbeke D, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):735–41

Prolactin uptake into liver endocytic components. Reduced sensitivity to chloroquine. Khan RJ, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):77–83

Absence of prolactin receptors in normal and malignant uterine cervix. Dowsett M, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):924–6

Translocation of secretory proteins across the microsomal membrane occurs through an environment accessible to aqueous perturbants. Gilmore R, et al. **Cell** 1985 Sep;42(2):497–505

Fine-structural heterogeneity and morphologic changes in rat pituitary prolactin cells after estrogen and testosterone treatment. Nogami H. **Cell Tissue Res** 1984;237(2):195–202

Vasoactive intestinal peptide is a physiological mediator of prolactin release in the rat. Abe H, et al. **Endocrinology** 1985 Apr;116(4):1383–90

Measurement of growth hormone and prolactin receptor turnover in rat liver. Baxter RC. **Endocrinology** 1985 Aug;117(2):650–5

The effect of chloroquine on lysosomal prolactin receptors in rat liver. Ferland LH, et al. **Endocrinology** 1984 Nov;115(5):1842–9

Suppressive effect of inflammation and other forms of stress on the binding of prolactin by rat liver. Goodman AD, et al. **Endocrinology** 1985 Feb;116(2):835–42

The effects of maitotoxin on 45Ca2+ flux and hormone release in GH3 rat pituitary cells. Login IS, et al. **Endocrinology** 1985 Feb;116(2):622–7

Depletion of bovine pituitary prolactin by cysteamine involves a thiol:disulfide mechanism. Lorenson MY, et al. **Endocrinology** 1984 Oct;115(4):1492–5

Prolactin metabolic clearance and resistance to dopaminergic suppression in acute uremia. McKenna TM, et al. **Endocrinology** 1985 May;116(5):2003–7

Effects of thyrotropin-releasing hormone on prolactin compartments in normal rat pituitary cells in primary culture. Morin A, et al. **Endocrinology** 1984 Dec;115(6):2278–84

Effects of thyrotropin-releasing hormone on prolactin compartments in clonal rat pituitary tumor cells. Morin A, et al. **Endocrinology** 1984 Dec;115(6):2271–7

Tripeptide aldehyde protease inhibitors may depress in vitro prolactin and growth hormone release. Nagy I, et al. **Endocrinology** 1985 Apr;116(4):1426–32

Intracellular processing of prolactin. Oetting WS, et al. **Endocrinology** 1985 Oct;117(4):1565–9

Pantethine, a cysteamine precursor, depletes immunoreactive somatostatin and prolactin in the rat. Reichlin S, et al. **Endocrinology** 1985 Aug;117(2):492–5

Maintenance of prolactin (PRL) binding sites in rat liver cells in suspension culture: effect of PRL and of inhibitors of various cellular functions. Rosa AA, et al. **Endocrinology** 1985 Apr;116(4):1288–94

The mechanism of action of cysteamine in depleting prolactin immunoreactivity. Sagar SM, et al. **Endocrinology** 1985 Aug;117(2):591–600

Glycosylation of ovine prolactin during cell-free biosynthesis. Strickland TW, et al. **Endocrinology** 1985 Apr;116(4):1295–8

Cysteamine depletes prolactin (PRL) but does not alter the structure of PRL-containing granules in the anterior pituitary. Weinstein LA, et al. **Endocrinology** 1984 Oct;115(4):1543–50

Plasma and pituitary concentrations of LH, FSH and prolactin in aging Mongolian gerbils. Parkening TA, et al. **Exp Gerontol** 1984;19(6):359–65

Prolactin receptors in tilapia (Sarotherodon mossambicus) tissues: binding studies using 125I-labeled ovine prolactin. Edery M, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):19–23

The influence of thyrotropin releasing hormone on in vivo prolactin release and in vitro prolactin, luteinizing hormone, and growth hormone release from dispersed pituitary cells of the young turkey (Meleagris gallopavo). Fehrer SC, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):64–72

Hypothalamic and serum factors influence on prolactin and luteinizing hormone release by the pituitary gland of the young turkey (Meleagris gallopavo). Fehrer SC, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):73–81

Localization of prolactin uptake by the kidney of the teleostean, Colisa lalia. Gona O. **Gen Comp Endocrinol** 1984 Aug;55(2):289–94

Immunocytochemical study of growth hormone, prolactin, and thyroid-stimulating hormone in the adenohypophysis of the sea lamprey, Petromyzon marinus L., during its upstream migration. Wright GM. **Gen Comp Endocrinol** 1984 Aug;55(2):269–74

Prolactin as a marker of dopaminergic activity at different levels of thyroid function in man. Varela C, et al. **Horm Metab Res** 1984 Nov;16(11):598–601

Prolactin control of growth and prolactin autoregulation in cultured human pituitary cells. Hosojima H, et al. **Horm Res** 1985;21(4):240–5

In cow anterior pituitary, growth hormone and prolactin can be packed in separate granules of the same cell. Fumagalli G, et al. **J Cell Biol** 1985 Jun;100(6):2019–24

Antibodies against a lysosomal membrane antigen recognize a prelysosomal compartment involved in the endocytic pathway in cultured prolactin cells. Tougard C, et al. **J Cell Biol** 1985 Mar;100(3):786–93

In vitro modulation of prolactin binding to human mammary carcinoma cells by steroid hormones and prolactin. Simon WE, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1243–9

Characterization of lactogenic hormone binding to membranes from ovine and bovine mammary gland and liver. Akers RM, et al. **J Dairy Sci** 1984 Oct;67(10):2224–35

Prolactin in blood plasma and milk of buffalo during estrous cycle and early pregnancy. Pahwa GS, et al. **J Dairy Sci** 1984 Sep;67(9):2001–5

Differential effects of cryptorchidism and short photoperiod on testicular prolactin and LH/human chorionic gonadotrophin receptors in the golden hamster. Bartke A, et al. **J Endocrinol** 1984 Nov;103(2):227–31

Monosodium L-glutamate administration: effects on gonadotrophin secretion, gonadotrophs and mammotrophs in prepubertal female rats. Dada MO, et al. **J Endocrinol** 1985 Feb;104(2):185–92

Multiple molecular forms of prolactin during pregnancy in women. Pansini F, et al. **J Endocrinol** 1985 Jul;106(1):81–5

Regulation of prolactin and its role in gallinaceous bird reproduction. El Halawani ME, et al. **J Exp Zool** 1984 Dec;232(3):521–9 (81 ref.)

Prolactin receptors on human T and B lymphocytes: antagonism of prolactin binding by cyclosporine. Russell DH, et al. **J Immunol** 1985 May;134(5):3027–31

The combined effects of dietary protein and fat on prolactin in female rats. Clinton SK, et al. **J Nutr** 1985 Mar;115(3):311–8

Effect of median eminence lesions and hormonal replacement on the prolactin receptors in the adrenal gland and Langerhans islets from ovariectomized adult rats. Lüthy IA, et al. **J Recept Res** 1985;5(1):105–19

Effects of different numbers of ectopic pituitary transplants on regulation of testicular LH/hCG and prolactin receptors in the hamster (Mesocricetus auratus). Amador A, et al. **J Reprod Fertil** 1985 Mar;73(2):483–9

Differential patterns in luteal prolactin and LH receptors during pregnancy in sows and ewes. Jammes H, et al. **J Reprod Fertil** 1985 Jan;73(1):27–35

Diacylglycerol lipase and pituitary prolactin release in vitro: studies employing RHC 80267. Canonico PL, et al. **Life Sci** 1985 Mar 11;36(10):997–1002

Further evidence for the presence of specific binding sites for prolactin in the rabbit brain. Preferential distribution in the hypothalamus and substantia nigra. Di Carlo R, et al. **Life Sci** 1985 Jan 28;36(4):375–82

The influence of blinding, olfactory bulbectomy and pinealectomy on plasma and anterior pituitary prolactin levels and on uterine and anterior pituitary weights in normal and neonatally androgenized rats. Gala RR, et al. **Life Sci** 1985 Apr 29;36(17):1617–24

Various proteinase inhibitors decrease prolactin and growth hormone release by anterior pituitary cells. Rappay G, et al. **Life Sci** 1985 Feb 11;36(6):549–55

Interaction of mouse prolactin with mouse hepatic receptors. Haro LS, et al. **Mol Cell Endocrinol** 1985 Jun;41(1):93–104

Does beta-endorphin modulate basal and dopamine-inhibited prolactin release by an action at the anterior pituitary? Cheung CY. **Neuroendocrinology** 1984 Dec;39(6):489–95

Altered prolactin bioactivity in amniotic fluid of hypertensive pregnancy. McCoshen JA, et al. **Obstet Gynecol** 1985 Jan;65(1):24–30

Prolactin binding in minor salivary gland tumors. Abbey LM, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):44–9

Prolactin binding in normal human minor salivary gland tissue: an immunohistochemical study. Abbey LM, et al. **Oral Surg Oral Med Oral Pathol** 1984 Dec;58(6):682–7

Correlated prolactin levels in foetus, mother and amniotic fluid. A comparative study on twins and newborns of different weights and gestational ages. Mussa GC, et al. **Panminerva Med** 1984 Oct–Dec;26(4):239–59

Effect of long-term hyperprolactinemia on the prolactin receptor content of the rat ventral prostate. Blankenstein MA, et al. **Prostate** 1985;6(3):277–83

Effects of hyperprolactinemia on the accessory sexual organs of the male rat. Coert A, et al. **Prostate** 1985;6(3):269–76

Neuroendocrine responses to apomorphine in depressed patients and healthy control subjects. Jimerson DC, et al. **Psychiatry Res** 1984 Sep;13(1):1–12

TRH-induced prolactin release is blunted in females with endogenous unipolar major depression. Witschy JK, et al. **Psychiatry Res** 1984 Aug;12(4):321–31

[Is amniotic fluid prolactin an osmoregulatory hormone of clinical importance?] Pahnke VG, et al. **Geburtshilfe Frauenheilkd** 1985 Jul;45(7):462–9 (Eng. Abstr.) **(Ger)**

[Studies on mechanisms of prolactin synthesis and secretion using perfusion system of rat pituitary cells] Akikawa K. **Hokkaido Igaku Zasshi** 1985 May;60(3):404–14 (Eng. Abstr.) **(Jpn)**

[Studies on specific receptors for prolactin (PRL) in the rat ovary] Takahashi Y, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Feb;37(2):277–86 (Eng. Abstr.) **(Jpn)**

[Specific proteases which degrade prolactin in the mammary glands; subcellular localization and inhibitory analysis] Marinchenko GV. **Biokhimiia** 1985 Feb;50(2):200–10 (Eng. Abstr.) **(Rus)**

[A system of specific proteases degrading prolactin in the membranes of nuclei, mitochondria and lysosomes of mammary gland tissue] Marinchenko GV. **Dokl Akad Nauk SSSR** 1985;280(6):1479–84 **(Rus)**

[Synthesis and secretion of prolactin and growth hormone in rats with protein-calorie malnutrition and effect of administration of cortisol] Arce JA, et al. **Probl Endokrinol (Mosk)** 1985 Jan–Feb;31(1):55–7 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Effects of oestradiol and prolactin on progesterone production by rhesus monkey luteal cells in vitro. Laherty RF, et al. **Acta Endocrinol (Copenh)** 1985 Feb;108(2):266–72

Suppressive effect of prolactin on oestrogen-induced secretion of LH by sequentially perifused rat hypothalamus-pituitary. Lee JW, et al. **Acta Endocrinol (Copenh)** 1985 Feb;108(2):151–5

Prolactin inhibits oestradiol-induced luteinizing hormone release at the pituitary level. Miyake A, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):204–7

Hypotensive action of prolactin in rats with spontaneous hypertension. Ryszka F, et al. **Acta Physiol Pol** 1984 May–Jun;35(3):215–7

Effects of prolactin and experimental handling on liver, fat body and ovary lipid contents and their daily variations in Rana esculenta (L.). Sotowska-Brochocka J, et al. **Acta Physiol Pol** 1984 Jan–Feb;35(1):1–13

Prolactin increases lipid fluidity and prolactin binding of rat prostatic membranes. Dave JR, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E687–93

Prolactin stimulation of parathyroid hormone secretion in bovine parathyroid cells. Magliola L, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E675–80

Stimulation of DNA synthesis by prolactin in human breast tumor explants. Relation to prolactin receptors. Peyrat JP, et al. **Anticancer Res** 1984 Jul–Oct;4(4–5):257–61

Interactions between estrogens, prolactin, and growth hormone on the growth of N-nitrosomethylurea-induced rat mammary tumors. Rose DP, et al. **Anticancer Res** 1985 Jul–Aug;5(4):397–402

Effect of prolactin and bromocriptine administration on testicular metabolism in albino rats. Dhananjaya Reddy Y, et al. **Arch Int Physiol Biochim** 1985 May;93(1):19–23

Metabolic profiles of prostate gland after the administration of prolactin and bromocriptine. Dhananjaya Reddy Y, et al. **Arch Int Physiol Biochim** 1984 Aug;92(2):125–30

Impact of prolactin on the growth rate pattern and biochemical components of accessory sex organs of male albino rats during puberal transition. Venkatarami Reddy K, et al. **Arch Int Physiol Biochim** 1984 Nov;92(4):273–82

Effect of progesterone alone and in combination with either corticosterone, 17 beta-estradiol or insulin on prolactin-stimulated fatty acid synthesis in mammary explants from pseudopregnant rabbits. Martyn P, et al. **Aust J Biol Sci** 1984;37(1-2):79-84

Prolactin homogeneously induces the tRNA population of mouse mammary explants. Green MR, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):233-9

Cation-dependent prolactin activation of guanylate cyclase. Vesely DL. **Biochem Biophys Res Commun** 1984 Sep 28; 123(3):1084-90

Gamma-glutamyltransferase activity in mammary gland of pregnant rats and its regulation by ovarian hormones, prolactin and placental lactogen. Bussmann LE, et al. **Biochem J** 1984 Oct 1;223(1):275-7

Effects of prolactin on progestin secretion by human granulosa cells in culture. Soto EA, et al. **Biol Reprod** 1985 Apr;32(3):541-5

Effects of estradiol and prolactin on incertohypothalamic dopaminergic neurons in the male rat. Lookingland KJ, et al. **Brain Res** 1984 Dec 3;323(1):83-91

The effect of long-term diethylstilbestrol treatment or hyperprolactinemia on the response of the tuberoinfundibular dopamine neurons to elevated prolactin. Morgan WW, et al. **Brain Res** 1985 Jun 3;335(2):330-3

Growth enhancement of N-nitrosomethylurea-induced rat mammary tumor cells in soft agar by estrogen or prolactin. Arafah BM, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5605-8

Ca2+-dependent phosphatase and Ca2+-dependent ATPase activities in plasma membranes of eel gill epithelium--III. Stimulation of branchial high-affinity Ca2+-ATPase activity during prolactin-induced hypercalcemia in American eels. Flik G, et al. **Comp Biochem Physiol [B]** 1984;79(4):521-4

Mitosis in the lens epithelium of the galactose-fed rat after prolactin treatment. Gona O, et al. **Curr Eye Res** 1985 Jan; 4(1):59-63

Release of progesterone by porcine luteal cells from different days of estrous cycle: effect of LH, PRL and PGF2 alpha. Grażul A. **Endocrinol Exp (Bratisl)** 1985 Jun;19(2):117-28

Effects of chronic prolactin administration on renal hemodynamics in the rat. Baylis C, et al. **Endocrinology** 1985 Aug;117(2):722-9

Prolactin-mediated progesterone secretion by cultured rat granulosa cells: regulation by purified human glycoprotein hormones and their subunits. Grasso P, et al. **Endocrinology** 1985 Jan;116(1):319-27

The mitogenic, but not differentiative, response of crop tissue to prolactin is circadian phase dependent. Horseman ND, et al. **Endocrinology** 1985 May;116(5):2085-9

Stimulation of mammary epithelial cell growth in vitro: interaction of epidermal growth factor and mammogenic hormones. Imagawa W, et al. **Endocrinology** 1985 Apr; 116(4):1514-24

Effect of hypophysectomy and subsequent prolactin administration on hypothalamic 5-hydroxytryptamine synthesis in ovariectomized rats. King TS, et al. **Endocrinology** 1985 Feb;116(2):485-91

Prolactin directly stimulates the liver in vivo to secrete a factor (synlactin) which acts synergistically with the hormone. Mick CC, et al. **Endocrinology** 1985 May; 116(5):2049-53

Temporal sequence of prolactin actions on phospholipid biosynthesis in mouse mammary gland explants. Rillema JA, et al. **Endocrinology** 1985 Feb;116(2):511-5

The effects of growth hormone, prolactin, corticotropin, and thyrotropin on the production and secretion of somatostatin by hypothalamic cells in vitro. Robbins RJ, et al. **Endocrinology** 1985 Aug;117(2):538-43

Glucocorticoid receptors in primary cultures of mouse mammary epithelial cells: characterization and modulation by prolactin and cortisol. Schneider W, et al. **Endocrinology** 1985 Jun;116(6):2656-62

A luteotrophic action of prolactin: suppression of intraluteal prostaglandin production or effect? Ueda K, et al. **Endocrinology** 1985 Feb;116(2):772-8

Hyperprolactinemia fails to increase striatal dopamine receptors in male and female C57BL/6J mice. Morgan DG, et al. **Eur J Pharmacol** 1984 Dec 15;107(1):101-4

Prolactin analgesia: tolerance and cross-tolerance with morphine. Ramaswamy S, et al. **Eur J Pharmacol** 1985 May 28;112(1):123-5

Effects of follicle-stimulating hormone, luteinizing hormone and prolactin on left and right gonads of female chick embryos in culture. Grassi Milano E. **Exp Cell Biol** 1984; 52(5):326-32

High mammary carcinogenicity of neutron irradiation in rats and its promotion by prolactin. Kamiya K, et al. **Gann** 1985 Jun;76(6):449-56

Sensitivity and specificity of salamandrid integumental transepithelial potential to prolactin. Brown PS, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):56-63

Difference of the in vivo responsiveness to thyrotropin stimulation between the neotenic and metamorphosed axolotl, Ambystoma mexicanum: failure of prolactin to block the thyrotropin-induced thyroxine release. Darras VM, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):321-5

Effects of hypophysectomy and substitution with growth hormone, prolactin, and thyroxine on growth and deposition in juvenile frogs, Xenopus laevis. Nybroe O, et al. **Gen Comp Endocrinol** 1985 Feb;57(2):257-65

Effects of prolactin, adrenocorticotrophin, neurohypophysial peptides, cortisol, and androgens on some osmoregulatory parameters of the hypophysectomized catfish, Heteropneustes fossilis (bloch). Parwez I, et al. **Gen Comp Endocrinol** 1985 Apr;58(1):51-68

Thyroid function in adult rough-skinned newts (Taricha granulosa): effects of hypophysectomy and hormone replacement. Specker JL, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):326-31

Effects of intracranial prolactin administration on maintenance of incubation readiness, ingestive behavior, and gonadal condition in ring doves. Buntin JD, et al. **Horm Behav** 1985 Jun;19(2):188-203

Effect of prolactin on short circuit current, potential and electrical resistance across isolated frog skin. Bliss DJ, et al. **Horm Metab Res** 1985 May;17(5):234-6

Steroid hormone receptors in MCCLX, a transplantable lactogen-dependent mammary tumor of the rat. Lewko WM, et al. **Horm Metab Res** 1985 Apr;17(4):189-93

The effects of prolactin on rat testicular steroidogenic enzyme activities. Munabi AK, et al. **Horm Metab Res** 1985 Jan;17(1):47-8

Prolactin-like actions of phospholipase C on RNA and casein synthesis in mouse mammary gland explants. Rillema JA. **Horm Metab Res** 1984 Oct;16(10):532-4

Prolactin stimulates and potentiates adrenal steroid secretion in vitro. Eldridge JC, et al. **Horm Res** 1984;20(4):252-60

Prolactin-induced polyamine biosynthesis in spleen and thymus: specific inhibition by cyclosporine. Russell DH, et al. **Immunopharmacology** 1985 Jun;9(3):165-74

Expression of kappa-casein in normal and neoplastic rat mammary gland is under the control of prolactin. Nakhasi HL, et al. **J Biol Chem** 1984 Dec 10;259(23):14894-8

Prolactin-inducible proteins in human breast cancer cells. Shiu RP, et al. **J Biol Chem** 1985 Sep 15;260(20):11307-13

Prolactin has a direct effect on adrenal androgen secretion. Higuchi K, et al. **J Clin Endocrinol Metab** 1984 Oct; 59(4):714-8

Presence of a nonlactogenic factor in human serum which synergistically enhances prolactin-stimulated growth of Nb2 rat lymphoma cells in vitro. McNeilly AS, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):408-11

Effect of a single injection of prolactin on the serum concentrations of thyroid hormones and corticosterone and liver monodeiodinase in the domestic fowl before and after hatching. Decuypere E, et al. **J Endocrinol** 1985 Mar; 104(3):363-6

Prolactin stimulates steroidogenesis by human luteal tissue in vitro. Hunter MG. **J Endocrinol** 1984 Oct;103(1):107-10

Calcemic responses of Varanus flavescens to prolactin administration. Swarup K, et al. **J Physiol (Paris)** 1985; 80(1):42-3

Prolactin regulation of prolactin binding sites in pancreatic islets and adrenal glands of ovariectomized rats. Tesone M, et al. **J Recept Res** 1983-84;3(6):711-26

Prolactin as a factor in the uterine response to progesterone in rabbits. Daniel JC Jr, et al. **J Reprod Fertil** 1984 Nov; 72(2):443-52

Effect of ACTH and prolactin on dehydroepiandrosterone, its sulfate ester and cortisol production by normal and tumorous human adrenocortical cells. Fehér T, et al. **J Steroid Biochem** 1985 Aug;23(2):153-7

Lipoprotein augmentation of human chorionic gonadotropin and prolactin stimulated progesterone synthesis by rat luteal cells. Menon M, et al. **J Steroid Biochem** 1985 Jan; 22(1):79-84

Opposed effects of chronic prolactin administration on the zona fasciculata and zona reticularis of the rat adrenal cortex: an ultrastructural stereological study. Robba C, et al. **J Submicrosc Cytol** 1985 Apr;17(2):255-61

Differential effects of prolactin on rat dorsolateral prostate and R3327 prostatic tumor sublines. Johnson MP, et al. **J Urol** 1985 Jun;133(6):1112-20

Enhancement of epidermal carcinoma formation by prolactin in mice. Lupulescu A. **JNCI** 1985 Jun;74(6):1335-46

Polyamines as mediators of the effect of prolactin and growth hormone on the growth of N-nitroso-N-methylurea-induced rat mammary tumor cultured in vitro in soft agar. Manni A, et al. **JNCI** 1985 Apr;74(4):941-4

Prolactin inhibits the development of stress-induced ulcers in the rat. Drago F, et al. **Life Sci** 1985 Jan 14;36(2):191-7

Effect of prolactin and glucocorticoids on P-enolpyruvate carboxykinase activity in liver and mammary gland from diabetic and lactating rats. Lobato MF, et al. **Mol Cell Biochem** 1985 May;67(1):19-23

Induction of prolactin receptors by prolactin in the rat lung and liver: demonstration of separate receptor and antibody entities. Amit T, et al. **Mol Cell Endocrinol** 1985 Jan; 39(1):21-9

Activity of alkylated prolactin and human growth hormone in receptor and cell assays. Necessary PC, et al. **Mol Cell Endocrinol** 1985 Mar;39(3):247-54

Prolactin desensitizes the prostaglandin E1-dependent adenylyl cyclase in the rat prostate gland. Rui H, et al. **Mol Cell Endocrinol** 1984 Nov;38(1):53-60

Food proteins and gut mucosal barrier. III. The influence of lactation and prolactin on the in vitro binding and uptake of bovine serum albumin and ovalbumin in the rat jejunum. Stern M, et al. **Pediatr Res** 1985 Mar;19(3):320-4

In vitro studies of prolactin inhibition of luteinizing hormone action on Leydig cells of rats and mice. Odell WD, et al. **Proc Soc Exp Biol Med** 1984 Dec;177(3):459-64

Prolactin stimulation of ornithine decarboxylase activity in the mammary gland may involve an activation of protein kinase C. Rillema JA. **Proc Soc Exp Biol Med** 1985 Mar; 178(3):490-4

Action of prolactin in regressing prostate: independent of action mediated by androgen receptors. Assimos D, et al. **Prostate** 1984;5(6):589-95

The effect of prolactin on human BPH epithelial cell proliferation. Syms AJ, et al. **Prostate** 1985;6(2):145-53

[Epithelial cells of normal human breast in culture. Ultrastructural aspects and changes under the effects of hormones (estradiol, prolactin)] Chomette G, et al. **Arch Anat Cytol Pathol** 1985;33(1):32-8 (Eng. Abstr.) **(Fre)**

[Effect of somatotropin and prolactin on functional activity and proliferation of cultured islet cells of newborn rats] Sadovnikova NV, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):52-5 (Eng. Abstr.) **(Rus)**

[Enhancement of the recovery of receptors for sheep erythrocytes on human T lymphocytes by prolactin] Rovenský J, et al. **Cas Lek Cesk** 1984 Jul 6;123(27):832-4 (Eng. Abstr.) **(Slo)**

PHYSIOLOGY

Inhibition of fetal membrane prostaglandin production by prolactin: relative importance in the initiation of labor. Tyson JE, et al. **Am J Obstet Gynecol** 1985 Apr 15; 151(8):1032-8

Physiological doses of prolactin stimulate pelage pigmentation in Djungarian hamster. Duncan MJ, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):R664-7

Binding of high-density lipoproteins to luteal membranes: the role of prolactin, luteinizing hormone, and circulating lipoproteins. Rajkumar K, et al. **Biol Reprod** 1985 Apr; 32(3):546-55

The proestrous surge of prolactin enhances sexual receptivity in the rat. Witcher JA, et al. **Biol Reprod** 1985 May; 32(4):834-9

Prolactin as a luteotrophin. Murphy BD, et al. **Can J Physiol Pharmacol** 1985 Mar;63(3):257-64 (79 ref.)

Insulin secretion in mammosomatotropic tumor-bearing and pregnant rats. A role for lactogens. Sorenson RL, et al. **Diabetes** 1985 Apr;34(4):337-41

Does prolactin modify testosterone feedback in the hamster? Pituitary grafts alter the ability of testosterone to suppress luteinizing hormone and follicle-stimulating hormone release in castrated male hamsters. Bartke A, et al. **Endocrinology** 1984 Oct;115(4):1506-10

Does prolactin modify testosterone feedback in the hamster? Suppression of plasma prolactin inhibits photoperiod-induced decreases in testosterone feedback sensitivity. Matt KS, et al. **Endocrinology** 1984 Dec; 115(6):2098-103

Lactogenic hormones stimulate the liver to secrete a factor that acts synergistically with prolactin to promote growth of the pigeon crop-sac mucosal epithelium in vivo. Nicoll CS, et al. **Endocrinology** 1985 Apr;116(4):1449-53

Human chorionic gonadotropin and prolactin modulation of early luteal function and luteinizing hormone receptor-binding activity in cultured human granulosa-luteal cells. Polan ML, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):773-9

The role of prolactin in the regulation of the primate corpus luteum. Richardson DW, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):501-4

Prolactin permits the expression of a circadian variation in insulin receptor profile in hepatocytes of the golden hamster (Mesocricetus auratus). Cincotta AH, et al. **J Endocrinol** 1985 Aug;106(2):177-81

Prolactin permits the expression of a circadian variation in lipogenic responsiveness to insulin in hepatocytes of the golden hamster (Mesocricetus auratus). Cincotta AH, et al. **J Endocrinol** 1985 Aug;106(2):173-6

Behavioural and physiological effects of prolactin in incubating ring doves. Janik DS, et al. **J Endocrinol** 1985 May;105(2):201-9

Contrasting effects of prolactin on luteal and follicular steroidogenesis. Kalison B, et al. **J Endocrinol** 1985 Feb; 104(2):241-50

Role of prolactin in the photoperiodic control of moulting in the mink (Mustela vison). Martinet L, et al. **J Endocrinol** 1984 Oct;103(1):9-15

Possible role of prolactin in the inhibitory effect of testosterone on the hypothalamic-pituitary-testicular axis in the rat. Tresguerres JA, et al. **J Endocrinol** 1985 Jun; 105(3):423-7

Prolactin influences sexual behavior during aging. Ferrara N, et al. **J Endocrinol Invest** 1985;8 Suppl 2:23-32

Photorefractoriness in European starlings: associated hypothalamic changes and the involvement of thyroid hormones and prolactin. Nicholls TJ, et al. **J Exp Zool** 1984 Dec;232(3):567-72 (27 ref.)

Prolactin and parenting in the pigeon family. Silver R. **J Exp Zool** 1984 Dec;232(3):617-25 (35 ref.)

Prolactin and the gut: a controversy. Theintz GE, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):523-8

Prolactin [letter] Farnsworth WE. **J Urol** 1985 Mar; 133(3):488

Hormonal regulation of casein synthesis at the end of pregnancy. Bussmann LE, et al. **Mol Cell Endocrinol** 1985 Feb;39(2):115-8

Long-term treatment with estradiol induces reversible alterations in tuberoinfundibular dopaminergic neurons: a decreased responsiveness to prolactin. Demarest KT, et al. **Neuroendocrinology** 1984 Sep;39(3):193–200

Prolactin and sexual behavior: a review. Drago F. **Neurosci Biobehav Rev** 1984 Winter;8(4):433–9 (83 ref.)

Dopamine blockade reverses the inhibition of prolactin which results from intrahypothalamic pituitary grafts. Averill RL. **Proc Soc Exp Biol Med** 1985 Apr;178(4):635–42

Identification and partial characterization of a 25K protein structurally similar to prolactin. Sinha YN, et al. **Proc Soc Exp Biol Med** 1985 Apr;178(4):505–14

Metabolic action of prolactin in regressing prostate: independent of androgen action. Smith C, et al. **Prostate** 1985;6(1):49–59

The interaction of prolactin with its receptors in target tissues and its mechanism of action. Kelly PA, et al. **Recent Prog Horm Res** 1984;40:379–439 (102 ref.)

Prolactin stimulation of maternal behavior in female rats. Bridges RS, et al. **Science** 1985 Feb 15;227(4688):782–4

[Does prolactin have a role in the physiopathology of luteal insufficiency?] Vielh JP, et al. **Presse Med** 1985 Feb 23; 14(8):467–70 (Eng. Abstr.) **(Fre)**

[Role of prolactin in galactorrhea and pregnancy: physiologic and pathologic aspects] Welt M, et al. **Union Med Can** 1984 Jul;113(7):594–8 (30 ref.) (Eng. Abstr.) **(Fre)**

[Experimental and clinical studies on breast feeding] Mizuno M. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Sep; 36(9):1403–4 **(Jpn)**

[Study of protein synthesis regulating hormones in human milk] Adugamov LF, et al. **Probl Endokrinol (Mosk)** 1985 Jan–Feb;31(1):31–3 (Eng. Abstr.) **(Rus)**

SECRETION

Serum gonadotrophin pulsatile secretion in men with Prl–secreting and non–secreting pituitary tumours. Ambrosi B, et al. **Acta Endocrinol (Copenh)** 1985 May; 109(1):1–6

Prolactin dynamics in patients with non–secretin tumours of the hypothalamic–pituitary region. Barbarino A, et al. **Acta Endocrinol (Copenh)** 1985 Sep;110(1):10–6

Persistence of a defective tuberoinfundibular dopaminergic function in rats after long–term removal of oestrogen treatment. An in vivo study. Cocchi D, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):309–14

Effect of somatostatin on growth hormone and prolactin response to dermorphin in man. degli Uberti EC, et al. **Acta Endocrinol (Copenh)** 1985 Jan;108(1):20–5

Decreased prolactin secretion by decidual tissue of pre–eclampsia in vitro. Golander A, et al. **Acta Endocrinol (Copenh)** 1985 Jan;108(1):111–3

Age–related changes in prolactin and growth hormone release from pituitary glands in vitro. Hall TR, et al. **Acta Endocrinol (Copenh)** 1985 Apr;108(4):479–84

Prolactin and growth hormone secretion in chickens: stimulation by histamine and inhibition by gamma–aminobutyric acid. Hall TR, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):36–41

Cyproheptadine–mediated inhibition of growth hormone and prolactin release from pituitary adenoma cells of acromegaly and gigantism in culture. Ishibashi M, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):474–80

Effect of [Asu1,7]eel calcitonin on prolactin release in normal subjects and patients with prolactinoma. Kaji H, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):297–304

Restoration of LH pulsatility in patients with prolactinomas after trans–sphenoidal surgery. Koizumi K, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):433–8

Correlation between the number of thyroliberin binding sites, the tumour size and the plasma prolactin level in human prolactin–secreting adenomas. Le Dafniet M, et al. **Acta Endocrinol (Copenh)** 1985 Apr;108(4):464–7

Growth hormone releasing factor induces prolactin secretion in acromegalic patients but not in normal subjects. Losa M, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):467–73

Flunarizine, a calcium influx blocker, inhibits TRH–but not potassium–stimulated prolactin secretion. Merritt JE, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):31–5

Effects of aging on prolactin release after stress in female and male rats. Milenković L, et al. **Acta Endocrinol (Copenh)** 1984 Nov;107(3):337–9

Dynamic testing of prolactin and growth hormone secretion in patients with neuroendocrine disorders. Müller EE, et al. **Acta Endocrinol (Copenh)** 1984 Oct;107(2):155–63

Effect of phorbol esters on the release of growth hormone and prolactin from rat pituitary cells cultured in monolayer. Ohmura E, et al. **Acta Endocrinol (Copenh)** 1984 Oct; 107(2):185–91

Prolactinoma of the pituitary containing amyloid. Paetau A, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):176–80

Differential effects of extracellular matrix on secretion of prolactin and growth hormone by rat pituitary tumour cells in vitro. Prysor–Jones RA, et al. **Acta Endocrinol (Copenh)** 1985 Feb;108(2):156–60

Gonadotrophins and ovarian steroids in cattle. II. Pulsatile changes of concentrations in the jugular vein throughout pregnancy. Schallenberger E, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):322–30

rolactin secretion by mixed ACTH–prolactin pituitary adenoma cells in culture. Yamaji T, et al. **Acta Endocrinol (Copenh)** 1985 Apr;108(4):456–63

omponents of the rat conceptus that account for prolactin inhibition. Yogev L, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):305–11

The long–acting dopamine agonist pergolide mesylate for treatment of hyperprolactinaemia. Bergh T, et al. **Acta Eur Fertil** 1984 Nov–Dec;15(6):421–4

Prolactinomas in men: clinical characteristics and the effect of bromocriptine treatment. Hulting AL, et al. **Acta Med Scand** 1985;217(1):101–9

Growth and puberty arrest due to prolactinoma. Sack J, et al. **Acta Paediatr Scand** 1984 Nov;73(6):863–7

Neuro–endocrine effects of isotheoline. Zhelyazkov D, et al. **Acta Physiol Pharmacol Bulg** 1984;10(4):53–8

Effects of long–term lithium treatment on prolactin regulation. Grof E, et al. **Adv Biochem Psychopharmacol** 1985;40:81–7

Tolerance to prolactin secretion in the long–term treatment with neuroleptics in schizophrenia. Igarashi Y, et al. **Adv Biochem Psychopharmacol** 1985;40:95–8

Prolactin–secreting pituitary microadenomas: inaccuracy of high–resolution CT imaging. Davis PC, et al. **AJR** 1985 Jan;144(1):151–6

Differential effects of ethanol on luteinizing hormone, follicle stimulating hormone and prolactin secretion in the female rat. Dees WL, et al. **Alcohol** 1984 Nov–Dec;1(6):429–33

Recurrent prolactinoma and meningioma following irradiation and bromocriptine treatment. Kolodny J, et al. **Am J Med** 1985 Jan;78(1):153–5

Prolactin response to breast stimulation in lactating women is not mediated by endogenous opioids. Cholst IN, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):558–61

Neuroendocrinology of opioid peptides and their role in the control of gonadotropin and prolactin secretion. Yen SS, et al. **Am J Obstet Gynecol** 1985 Jun 15;152(4):485–93 (78 ref.)

Involvement of arachidonate metabolism in neurotensin–induced prolactin release in vitro. Canonico PL, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):E257–63

Brief decreases in dopamine result in surges of prolactin secretion in monkeys. Frawley LS, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):E778–80

Excess in vitro prolactin secretion by pituitary cells from ovariectomized old rats. Haji M, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):E483–8

Effect of conceptus number, hysterectomy, and progesterone on prolactin surges in rats. Tonkowicz PA, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E269–73

Diurnal variations in prolactin secretion and serum Na+ and K+ concentrations in the freshwater catfish. Clarias batrachus. Singh SP, et al. **Ann Endocrinol (Paris)** 1984; 45(2):137–41

Bromocriptine treatment of prolactin–secreting pituitary adenomas may restore pituitary function. Warfield A, et al. **Ann Intern Med** 1984 Dec;101(6):783–5

Arachidonic acid and its metabolites: intracellular regulators of prolactin release in vitro. Canonico PL, et al. **Ann Ist Super Sanita** 1984;20(1):113–7

Dopamine D2 receptors modulate neurotransmitter–regulated calcium ion gates. Memo M, et al. **Ann Ist Super Sanita** 1984;20(1):5–10

A new in vitro assay system for prolactin–releasing activity and its application for demonstration of porcine hypothalamic prolactin–releasing factor (PRF). Nomura M, et al. **Asia Oceania J Obstet Gynaecol** 1985 Jun;11(2):271–8

Long–term bromocriptine therapy may restore the inhibitory control of prolactin release in some patients with pathological hyperprolactinemia. Ho KY, et al. **Aust NZ J Med** 1985 Apr;15(2):213–9

Management of extra–sellar pituitary tumours with bromocriptine: comparison of prolactin secreting and non–functioning tumours using half–field visual evoked potentials and computerised tomography. Pullan PT, et al. **Aust NZ J Med** 1985 Apr;15(2):203–8

Gynaecological importance of unusual pituitary tumours. Fraser IS, et al. **Aust NZ J Obstet Gynaecol** 1985 Feb; 25(1):44–9

Prolactin secretion in permeable GH3 pituitary cells is stimulated by Ca2+ and protein kinase C activators. Ronning SA, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):524–32

Pertussis toxin blocks the inhibitory effect of muscarinic cholinergic agonists on cyclic AMP accumulation and prolactin secretion in GH3 anterior–pituitary tumour cells. Brown BL, et al. **Biochem J** 1984 Oct 1;223(1):145–9

The relationship between pertussis–toxin–induced ADP–ribosylation of a plasma–membrane protein and reversal of muscarinic inhibition of prolactin secretion in GH3 cells. Wojcikiewicz RJ, et al. **Biochem J** 1984 Nov 15;224(1):339–42

Muscarinic acetylcholine receptor activation causes inhibition of cyclic AMP accumulation, prolactin and growth hormone secretion in GH3 rat anterior pituitary tumour cells. Wojcikiewicz RJ, et al. **Biochim Biophys Acta** 1984 Sep 14;805(1):25–9

Pituitary adenomas: patterns of hPRL and hGH secretion as revealed by high resolution immunocytochemistry. Bendayan M, et al. **Biol Cell** 1984;52(2):129–38

Dose–dependent inhibition of the preovulatory surges of gonadotropins and prolactin by the antiestrogen CI–628: possible sites of action. De Paolo LV. **Biol Reprod** 1985 May;32(4):745–52

Effects of placenta and maternal serum on prolactin secretion in vitro. Gorospe WC, et al. **Biol Reprod** 1985 Mar; 32(2):279–83

Do endogenous opioid peptides mediate the effects of photoperiod on release of luteinizing hormone and prolactin in ovariectomized ewes? Schillo KK, et al. **Biol Reprod** 1985 May;32(4):779–87

Neonatal castration of male and female rats affects luteinizing hormone responses to estrogen during adulthood. Weiland NG, et al. **Biol Reprod** 1984 Dec;31(5):942–9

Prolactin response to sulpiride in non insulin dependent diabetes mellitus. Verrillo A, et al. **Boll Soc Ital Biol Sper** 1985 Feb 28;61(2):183–8

Prophylactic bromocriptine treatment during pregnancy in women with macroprolactinomas: report of 13 pregnancies. de Wit W, et al. **Br J Obstet Gynaecol** 1984 Nov; 91(11):1059–69

Prolactinomas. Grossman A, et al. **Br Med J [Clin Res]** 1985 Jan 19;290(6463):182–4 (39 ref.)

Prolactinomas [letter] Hall R, et al. **Br Med J [Clin Res]** 1985 Mar 30;290(6473):1002–3

Long term suppression of prolactin concentrations after bromocriptine induced regression of pituitary prolactinomas. Hancock KW, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):117–8

Effects of prostaglandin F2 alpha on prolactin secretion in the fowl. Hall TR, et al. **Br Poult Sci** 1985 Apr;26(2):239–45

Progesterone inhibits prolactin and growth hormone release from fowl pituitary glands in vitro. Hall TR, et al. **Br Poult Sci** 1984 Oct;25(4):555–9

Anterior pituitary prolactin release in vitro after interruption of anterolateral neural connections of the mediobasal hypothalamus in male rats. Kaler LW, et al. **Brain Res** 1984 Oct 8;311(2):370–4

Role of midbrain raphe in stress–induced renin and prolactin secretion. Van de Kar LD, et al. **Brain Res** 1984 Oct 8; 311(2):333–41

Role of the septum on LH, FSH and prolactin secretion in male rats. Carreras A, et al. **Brain Res Bull** 1984 Aug; 13(2):339–42

The stimulation of prolactin secretion by taurine: studies on the site of action. Scheibel J, et al. **Brain Res Bull** 1984 Jul;13(1):49–52

Effects of bromocriptine on prolactin–secreting pituitary adenomas. Mechanism of reduction in tumor size evaluated by light and electron microscopic, immunohistochemical, and morphometric analysis. Mori H, et al. **Cancer** 1985 Jul 15;56(2):230–8

Thyroid hormones in benign breast disease. Normalization of exaggerated prolactin responsiveness to thyrotropin–releasing hormone. Peters F, et al. **Cancer** 1985 Sep 1;56(5):1082–5

Prolactin cell carcinoma of the pituitary. Clinicopathologic, immunohistochemical, and ultrastructural study of a case with cranial and extracranial metastases. Scheithauer BW, et al. **Cancer** 1985 Feb 1;55(3):598–604

Comparison of the actions of RU 38486 and megestrol acetate in the model of a transplantable adrenocorticotropin– and prolactin–secreting rat pituitary tumor. Lamberts SW, et al. **Cancer Res** 1985 Mar;45(3):1015–9

Effects of TRH and somatostatin on releases of prolactin and growth hormone in vitro by the pituitary of Poecilia latipinna. II. Electron–microscopic morphometry using automatic image analysis. Batten TF, et al. **Cell Tissue Res** 1984;237(3):595–603

Disorders of prolactin and growth hormone secretion. Ho KY, et al. **Clin Endocrinol Metab** 1985 Feb;14(1):1–32 (200 ref.)

Dramatic and rapid shrinkage of a massive invasive prolactinoma with bromocriptine: a case report. Clayton RN, et al. **Clin Endocrinol (Oxf)** 1985 May;22(5):573–81

The levels and subcellular distribution of hormones and marker enzymes in pituitaries from control subjects and patients with prolactinomas, acromegaly or functionless pituitary tumours. De Marco L, et al. **Clin Endocrinol (Oxf)** 1984 Nov;21(5):515–23

The effects of cholinergic blockade on the growth hormone and prolactin response to insulin hypoglycaemia. Evans PJ, et al. **Clin Endocrinol (Oxf)** 1985 Jun;22(6):733–7

Multiple intracranial metastases from a prolactin secreting pituitary tumour. Gasser RW, et al. **Clin Endocrinol (Oxf)** 1985 Jan;22(1):17–27

Follow–up of prolactin levels in long–term oestrogen–treated male–to–female transsexuals with regard to prolactinoma induction. Gooren LJ, et al. **Clin Endocrinol (Oxf)** 1985 Feb;22(2):201–7

Prolactin responses to thyrotrophin releasing hormone do not distinguish patients with isolated gonadotrophin deficiency from normals. Hawthorne G, et al. **Clin Endocrinol (Oxf)** 1985 Jul;23(1):55–9

The interaction of trh and dopaminergic mechanisms in the regulation of stimulated prolactin release in man. Ho KY, et al. **Clin Endocrinol (Oxf)** 1985 Jul;23(1):7–16

Prolactin secretion and biological activity in females with galactorrhoea and normal circulating prolactin concentrations at rest. Johnston DG, et al. **Clin Endocrinol (Oxf)** 1985 May;22(5):661–78

The acute effects of a dopamine antagonist (domperidone) on luteinising hormone, follicule stimulating hormone, prolactin and thyrotrophin secretion in polycystic ovarian syndrome: differential effect of ovulation. Murdoch AP, et al. **Clin Endocrinol (Oxf)** 1984 Dec;21(6):611–9

Differential TSH and PRL responses to dopamine receptor blockade in acromegaly. Prescott RW, et al. **Clin Endocrinol (Oxf)** 1984 Oct;21(4):369–75

Bioactive forms of serum lactogens: effects of treatment of prolactinoma patients with bromocriptine. Rennie PS, et al. **Clin Endocrinol (Oxf)** 1985 Jan;22(1):65–73

Relationships between the circadian rhythms of TSH, prolactin and cortisol in surgically treated microprolactinoma patients. Salvador J, et al. **Clin Endocrinol (Oxf)** 1985 Mar;22(3):265–72

Dopamine control of prolactin secretion in multiple endocrine neoplasia type I. Dornan J, et al. **Clin Invest Med** 1984;7(3):161–4

Effects of carbamazepine on prolactin secretion in normal subjects and in epileptic subjects. Bonuccelli U, et al. **Clin Neuropharmacol** 1985;8(2):165–74

Differential changes in the mechanisms controlling luteinizing hormone and prolactin secretion in middle-aged female rats. Akema T, et al. **Endocrinol Jpn** 1985 Feb;32(1):153–61

Restoration of fertility with gonadotropin and bromocriptine in a hypogonadal man after removal of macroprolactinoma. Demura R, et al. **Endocrinol Jpn** 1984 Oct;31(5):651–6

Comparative study of the effects of lisuride and pimozide on the preovulatory surge of FSH, LH and prolactin in rat. Kun I, et al. **Endocrinologie** 1984 Jul–Sep;22(3):177–82

Thyrotropin-releasing hormone rapidly stimulates a biphasic secretion of prolactin and growth hormone in GH4C1 rat pituitary tumor cells. Aizawa T, et al. **Endocrinology** 1985 Jan;116(1):73–82

p-Tyramine, a natural amine, inhibits prolactin release in vivo. Becú-Villalobos D, et al. **Endocrinology** 1985 May;116(5):2044–8

Characterization of dopamine and estrogen interaction on primate prolactin secretion with pituitary cells cultured on extracellular matrix and with pituitary stalk-transected monkeys. Bethea CL. **Endocrinology** 1985 Mar;116(3):863–72

Cultures of GH3 cells are functionally heterogeneous: thyrotropin-releasing hormone, estradiol and cortisol cause reciprocal shifts in the proportions of growth hormone and prolactin secretors. Boockfor FR, et al. **Endocrinology** 1985 Jul;117(1):418–20

In vitro and in vivo antagonistic regulation by estradiol and progesterone of the rat pituitary domperidone binding sites: correlation with ovarian steroid regulation of the dopaminergic inhibition of prolactin secretion in vitro. Bression D, et al. **Endocrinology** 1985 May;116(5):1905–11

Evidence supporting a correlation between arachidonic acid release and prolactin secretion from GH3 cells. Camoratto AM, et al. **Endocrinology** 1985 Apr;116(4):1506–13

Arachidonate stimulates prolactin release in vitro: a role for the fatty acid and its metabolites as intracellular regulator(s) in mammotrophs. Canonico PL, et al. **Endocrinology** 1985 Jan;116(1):218–25

Hypercalcemia in rats bearing growth hormone- and prolactin-secreting transplantable pituitary tumors. Carlson HE, et al. **Endocrinology** 1985 Oct;117(4):1602–7

Vasoactive intestinal peptide increases prolactin messenger ribonucleic acid content in GH3 cells. Carrillo AJ, et al. **Endocrinology** 1985 Jan;116(1):202–6

Stimulation of the adenosine 3',5'-monophosphate and the Ca2+ messenger systems together reverse dopaminergic inhibition of prolactin release. Delbeke D, et al. **Endocrinology** 1985 Aug;117(2):439–46

Adenohypophysial dopamine content during physiological changes in prolactin secretion. Demarest KT, et al. **Endocrinology** 1984 Dec;115(6):2091–7

Adenohypophysial dopamine content and prolactin secretion in the aged male and female rat. Demarest KT, et al. **Endocrinology** 1985 Apr;116(4):1316–23

Identification by plaque assays of a pituitary cell type that secretes both growth hormone and prolactin. Frawley LS, et al. **Endocrinology** 1985 Feb;116(2):734–7

A mu-opiate receptor in 7315c tumor tissue mediates inhibition of immunoreactive prolactin release and adenylate cyclase activity. Frey EA, et al. **Endocrinology** 1984 Nov;115(5):1797–804

Ontogeny of prolactin cells in neonatal rats: initial prolactin secretors also release growth hormone. Hoeffler JP, et al. **Endocrinology** 1985 Jul;117(1):187–95

Ectopic pituitary grafts in mice: hormone levels, effects on fertility, and the development of adenomyosis uteri, prolactinomas, and mammary carcinomas. Huseby RA, et al. **Endocrinology** 1985 Apr;116(4):1440–8

The electrical properties of isolated human prolactin-secreting adenoma cells and their modification by dopamine. Israel JM, et al. **Endocrinology** 1985 Oct;117(4):1448–55

Dopamine decreases 7315a tumor cell prolactin release induced by calcium mobilization. Judd AM, et al. **Endocrinology** 1985 Sep;117(3):1215–21

Hypothalamic control of prolactin secretion during the perinatal period in the rat. Khorram O, et al. **Endocrinology** 1984 Nov;115(5):1698–704

The mechanism of 17 beta-estradiol uptake into prolactin-producing rat pituitary cells (GH3 cells) in culture. Kilvik K, et al. **Endocrinology** 1985 Sep;117(3):967–75

5-Hydroxyeicosatetraenoic acid increases prolactin release from rat anterior pituitary cells. Koike K, et al. **Endocrinology** 1985 May;116(5):1813–7

Studies on the effects of catecholestrogens on prolactin secretion by cultured normal rat anterior pituitary cells. Lamberts SW, et al. **Endocrinology** 1985 Jun;116(6):2631–6

Time course of induction of prolactin-secreting pituitary tumors with diethylstilbestrol in male rats: response of tuberoinfundibular dopaminergic neurons. Morgan WW, et al. **Endocrinology** 1985 Jan;116(1):17–24

Effect of frontal hypothalamic deafferentation on photoperiod-induced changes in the secretion of prolactin in the ewe. Pau KY, et al. **Endocrinology** 1984 Nov;115(5):1663–71

Effect of naloxone on luteinizing hormone, follicle-stimulating hormone, and prolactin secretion in the different phases of the estrous cycle. Piva F, et al. **Endocrinology** 1985 Aug;117(2):766–72

Rapid effects of hyperprolactinemia on basal prolactin secretion and dopamine turnover in the medial and lateral median eminence. Selmanoff M. **Endocrinology** 1985 May;116(5):1943–52

Endogenous opioid peptides participate in the modulation of prolactin release in response to cervicovaginal stimulation in the female rat. Sirinathsinghji DJ, et al. **Endocrinology** 1985 Aug;117(2):549–56

Pulsatile release of growth hormone and prolactin from the primate pituitary in vitro. Stewart JK, et al. **Endocrinology** 1985 Jan;116(1):1–5

Stimulation by leumorphin of prolactin secretion from the pituitary in rats. Tojo K, et al. **Endocrinology** 1985 Sep;117(3):1169–74

Possible delta receptor mediation of the effect of beta-endorphin on luteinizing hormone (LH) release, but not on prolactin (PRL) release, in the ovariectomized rat. Wiesner JB, et al. **Endocrinology** 1985 Jan;116(1):475–7

Metoclopramide stimulation of prolactin secretion in women during puerperal lactation. Komorowski JM, et al. **Endokrynol Pol** 1984;35(3):145–7

Effect of chronic exercise on certain aspects of hormonal function in obesity. Komorowski JM, et al. **Endokrynol Pol** 1984;35(3):157–63

Acupuncture therapy does not change metoclopramide-induced prolactin secretion in normoprolactinaemic galactorrhea syndrome. Komorowski JM, et al. **Endokrynol Pol** 1984;35(4):231–4

Possible mechanism of prolactin unresponsiveness to repeated sulpiride administration in man. Bernini GP, et al. **Eur J Clin Pharmacol** 1984;27(3):375–7

An unusual course of prolactinoma during two consecutive pregnancies. Cohen I, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Sep;18(1–2):81–4

Interaction of SCH 23390, a D-1-selective antagonist, with the anterior pituitary D-2 receptors and prolactin secretion in the rat. Apud JA, et al. **Eur J Pharmacol** 1985 Jun 7;112(2):187–93

Effects of a luteinizing hormone-releasing hormone analog on the growth of estrogen-induced prolactin-secreting rat pituitary tumors and its influence on their dopamine receptors. Di Paolo T, et al. **Eur J Pharmacol** 1984 Jul 13;102(2):383–4

Phencyclidine-induced inhibition of rat prolactin secretion: increased portal blood dopamine. Meltzer HY, et al. **Eur J Pharmacol** 1985 Mar 26;110(1):143–6

Inhibition by antiserum to vasoactive intestinal polypeptide (VIP) of prolactin secretion induced by serotonin in the rat. Ohta H, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):409–12

Agents that increase cellular cyclic AMP or calcium stimulate prolactin release from the 235-1 pituitary cell line. Schettini G, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):335–40

Phorbol esters affect pituitary growth hormone (GH) and prolactin release: the interaction with GH releasing factor, somatostatin and bromocriptine. Summers ST, et al. **Eur J Pharmacol** 1985 May 20;111(3):371–6

Dissociation of prolactin and LH release responses after stimulation within the preoptic-suprachiasmatic region in male rats. Colombo JA. **Exp Clin Endocrinol** 1984 Oct;84(2):228–34

Bromocriptine-induced removal of endoplasmic membranes from prolactinoma cells. Landolt AM, et al. **Experientia** 1985 May 15;41(5):640–2

Number of dopamine neurons predicts prolactin levels in two inbred mouse strains. Sved AF, et al. **Experientia** 1985 May 15;41(5):644–6

VIP enhances TRH-stimulated prolactin secretion of pituitary tumours. Studies with 31P NMR. Prysor-Jones RA, et al. **FEBS Lett** 1984 Nov 5;177(1):71–5

Development of acromegaly in a patient with prolactinemia: a case study. Badawy SZ, et al. **Fertil Steril** 1984 Dec;42(6):926–8

Pergolide mesylate inhibits exercise-induced prolactin release in man. De Meirleir K, et al. **Fertil Steril** 1985 Apr;43(4):628–31

The prolactin-releasing mechanism of the hypothalamo-pituitary axis in pregnancy. Kubota T, et al. **Fertil Steril** 1984 Nov;42(5):724–9

Further evidence that big,big prolactin is preferentially secreted in women with hyperprolactinemia and normal ovarian function. Larrea F, et al. **Fertil Steril** 1985 Jul;44(1):25–30

Return of menstruation and normalization of prolactin in hyperprolactinemic women with bromocriptine-induced pregnancy. Rasmussen C, et al. **Fertil Steril** 1985 Jul;44(1):31–4

Clinical and biologic antecedents of the amenorrhea/hyperprolactinemia syndrome: a case-control study. Wallace RB, et al. **Fertil Steril** 1985 May;43(5):726–32

Evidence for 'short loop' feedback regulation of prolactin and growth hormone secretion in the pigeon. Hall TR, et al. **Gen Comp Endocrinol** 1984 Aug;55(2):233–8

Stimulatory and inhibitory effects of prostaglandin E2 on prolactin release in the domestic fowl. Hall TR, et al. **Gen Comp Endocrinol** 1984 Dec;56(3):368–75

Oestradiol 17 beta modifies fowl pituitary prolactin and growth hormone secretion in vitro. Hall TR, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):299–307

Evidence for dopaminergic and serotonergic regulation of prolactin cell activity in the trout Salmo gairdneri. James VA, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):231–9

Stimulus requirements for prolactin and LH secretion in incubating ring doves. Ramsey SM, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):246–56

Stimulation of crop sac and pituitary lactotrophs after intraventricular administration of dermorphin in pigeons. Rotiroti D, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):24–31

The effects of modifying incubation on prolactin secretion in free-living pied flycatchers. Silverin B, et al. **Gen Comp Endocrinol** 1984 Aug;55(2):239–44

Further evidence for effects of ethanol on gonadotrophins and prolactin secretion in female rats. Alfonso M, et al. **Gen Pharmacol** 1985;16(1):43–7

Neurotransmitter effects on in vitro prolactin and growth hormone release from fowl pituitary glands: dopamine and noradrenaline. Hall TR, et al. **Gen Pharmacol** 1984;15(4):321–5

In vivo supersensitivity of the anterior pituitary of old female rats to dopaminergic inhibition of prolactin secretion. Cocchi D, et al. **Gerontology** 1984;30(6):345–9

Evidence for serotoninergic control of exercise-induced prolactin secretion. De Meirleir K, et al. **Horm Metab Res** 1985 Jul;17(7):380–1

Gonadal steroids deficiency and prolactin response to a met-enkephalin analog in man. Foresta C, et al. **Horm Metab Res** 1985 Jun;17(6):319–20

In vivo and in vitro effects of cholecystokinin octapeptide on the release of prolactin in rats. Matsumura M, et al. **Horm Metab Res** 1985 Jun;17(6):293–7

Catecholamines and pituitary function. 2. Prolactin response to different dopamine doses in normal cycling women and patients with prolactin-secreting pituitary tumors, both before and after endogenous catecholamine synthesis inhibition. Nicoletti I, et al. **Horm Metab Res** 1984 Dec;16(12):658–62

Effect of repeated stimulation by thyrotropin-releasing hormone (TRH) on thyrotropin and prolactin secretion in perfused euthyroid and hypothyroid rat pituitary fragments. Askew RD, et al. **Horm Res** 1984;20(4):269–76

Presence of high affinity dopamine receptors in estrone-induced, prolactin-secreting rat pituitary adenomas: a model for human prolactinomas. Eljarmak D, et al. **Horm Res** 1985;21(2):107–16

Effects of chronic bromocriptine treatment of an estrone-induced, prolactin-secreting rat pituitary adenoma. Eljarmak D, et al. **Horm Res** 1985;21(3):160–7

Effects of the intraventricular administration of 5,7-dihydroxytryptamine on FSH, LH and prolactin secretion in neonatally estrogenized male rats Lopez F, et al. **Horm Res** 1985;21(2):117–23

Growth hormone producing pituitary adenomas with concomitant hypersecretion of prolactin are particularly sensitive to photon irradiation. Werner S, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1713–20

Neuroendocrinological study of opioid and serotoninergic systems in migraine patients. Bussone G, et al. **Ital J Neurol Sci** 1984 Dec;5(4):413–6

Relationship of thyrotropin-releasing hormone-induced spike and plateau phases in cytosolic free Ca2+ concentrations to hormone secretion. Selective blockade using ionomycin and nifedipine. Albert PR, et al. **J Biol Chem** 1984 Dec 25;259(24):15350–63

Direct evidence that burst but not sustained secretion of prolactin stimulated by thyrotropin-releasing hormone is dependent on elevation of cytoplasmic calcium. Kolesnick RN, et al. **J Biol Chem** 1985 May 10;260(9):5217–20

Beer-induced prolactin secretion: a clinical and laboratory study of the role of salsolinol. Carlson HE, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):673–7

Naloxone-induced prolactin secretion in women: evidence against a direct prolactin stimulatory effect of endogenous opioids. Cetel NS, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):191–6

Blunted prolactin response to thyrotropin-releasing hormone stimulation in cystinotic children receiving cysteamine. Gahl WA, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):793–6

Effects of hypophysiotropic factors on growth hormone and prolactin secretion from somatotroph adenomas in culture. Ishibashi M, et al. **J Clin Endocrinol Metab** 1985 May;60(5):985–93

Mechanism of the inhibitory action of dopamine and somatostatin on prolactin secretion from human lactotrophs in culture. Ishibashi M, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):599–606

A human pituitary adenoma secreting thyrotropin and prolactin: immunohistochemical, biochemical, and cell culture studies. Jaquet P, et al.

J Clin Endocrinol Metab 1984 Nov;59(5):817-24

Different responses of growth hormone secretion to guanfacine, bromocriptine, and thyrotropin-releasing hormone in acromegalic patients with pure growth hormone (GH)-containing and mixed GH/prolactin-containing pituitary adenomas. Lamberts SW, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1148-53

Bromocriptine as primary therapy for prolactin-secreting macroadenomas: results of a prospective multicenter study. Molitch ME, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):698-705

Bromocriptine treatment of microprolactinomas: evidence of stable prolactin decrease after drug withdrawal. Moriondo P, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):764-72

Somatostatin receptors in human growth hormone and prolactin-secreting pituitary adenomas. Moyse E, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):98-103

In vivo effects of progestins on prolactin secretion. Sitruk-Ware R, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):575-8

Prolactin secretion in acromegalic patients before and after selective adenomectomy. Tsuchiya H, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):104-9

Erythrocyte catechol-O-methyltransferase, platelet monoamine oxidase, and platelet phenol sulfotransferase activities in patients with prolactin-secreting pituitary adenomas. Young WF Jr, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1207-10

Effects of acute administration of 2-hydroxylated metabolites of oestrogens on LH and prolactin secretion in male and female prepubertal rats. Brar AK, et al. **J Endocrinol** 1984 Dec;103(3):317-25

Levels of dopamine and thyrotrophin-releasing hormone in hypophysial stalk blood during an oestrogen-stimulated surge of prolactin in the ovariectomized rat. de Greef WJ, et al. **J Endocrinol** 1985 Apr;105(1):107-12

Stimulation of prolactin secretion by oestradiol in the rat is associated with increased hypothalamic release of thyrotrophin-releasing hormone. Franks S, et al. **J Endocrinol** 1984 Nov;103(2):257-61

Thyroxine treatment facilitates prolactin secretion and induces a state of photorefractoriness in thyroidectomized starlings. Goldsmith AR, et al. **J Endocrinol** 1985 Jan;104(1):99-103

Somatostatin inhibits prolactin release from the lactotroph primed with oestrogen and cyproterone acetate in man. Gooren LJ, et al. **J Endocrinol** 1984 Dec;103(3):333-5

Mechanisms of release of prolactin from fowl anterior pituitary glands incubated in vitro: effects of calcium and cyclic adenosine monophosphate. Hall TR, et al. **J Endocrinol** 1985 May;105(2):183-8

Dopaminergic inhibition of prolactin release from pituitary glands of the domestic fowl incubated in vitro. Hall TR, et al. **J Endocrinol** 1984 Oct;103(1):63-9

Parachlorophenylalanine blocks the spontaneous pro-oestrous surge of prolactin as well as LH and affects the secretion of oestradiol-17 beta. Horn AM, et al. **J Endocrinol** 1985 Mar;104(3):415-8

Effects of 5-hydroxytryptamine uptake blockers on the release of LH and prolactin in several different experimental steroid models in the rat. Horn AM, et al. **J Endocrinol** 1985 Mar;104(3):397-406

Effect of immunoneutralization of thyrotrophin-releasing hormone on the release of thyrotrophin and prolactin during suckling or in response to electrical stimulation of the hypothalamus in the anaesthetized rat. Sheward WJ, et al. **J Endocrinol** 1985 Jul;106(1):113-9

Alteration of prolactin control in adult rats treated neonatally with sex steroids. Vaticón MD, et al. **J Endocrinol** 1985 Jun;105(3):429-33

Responses to prolactin secretagogues in oestrogen-treated rats suggest that the defect in prolactin regulation produced by oestrogen is at the level of the pituitary gland. Willoughby JO, et al. **J Endocrinol** 1985 Mar;104(3):447-52

Pituitary thyrotroph hyperplasia mimicking prolactin-secreting adenoma. Khalil A, et al. **J Endocrinol Invest** 1984 Aug;7(4):399-404

Prolactin pulsatility in polycystic ovarian disease. Laatikainen T, et al. **J Endocrinol Invest** 1985 Apr;8(2):157-61

Histamine H1 receptor participation in the control of prolactin secretion in postpartum. Messinis IE, et al. **J Endocrinol Invest** 1985 Apr;8(2):143-6

The prolactin-secreting system in relation to aging. Mongioi A, et al. **J Endocrinol Invest** 1985;8 Suppl 2:33-9

Activation of PRL secretion by combined treatment with cyproterone acetate and ethinylestradiol. Valenti G, et al. **J Endocrinol Invest** 1985 Jun;8(3):269-72

Lack of effect of im diazepam administration on hGH and hPRL secretion in normal and acromegalic subjects. Zaccaria M, et al. **J Endocrinol Invest** 1985 Apr;8(2):167-70

Rapid enlargement of non-functioning pituitary tumour following withdrawal of bromocriptine [letter] Clark JD, et al. **J Neurol Neurosurg Psychiatry** 1985 Mar;48(3):287

PRL and TSH responsiveness to TRH in the early stage of subacute thyroiditis. Madeddu G, et al. **J Nucl Med Allied Sci** 1984 Jan-Mar;28(1):13-6

Effects of benztropine mesylate on haloperidol-induced prolactin secretion and serum haloperidol levels in rats. Rosenberg JM, et al. **J Pharm Sci** 1984 Dec;73(12):1833-5

Effect of constant-release implants of melatonin on seasonal cycles in reproduction, prolactin secretion and moulting in rams. Lincoln GA, et al. **J Reprod Fertil** 1985 Jan;73(1):241-53

Early evening prolactin rise in women with regular cycles. Tennekoon KH, et al. **J Reprod Fertil** 1985 Mar;73(2):523-7

Advancement of reproductive activity, seasonal reduction in prolactin secretion and seasonal pelage changes in pubertal red deer hinds (Cervus elaphus) subjected to artificially shortened daily photoperiod or daily melatonin treatments. Webster JR, et al. **J Reprod Fertil** 1985 Jan;73(1):255-60

Galactorrhea-amenorrhea and hyperprolactinemia associated with pituitary tumors of growth-hormone- and adrenocorticotropic-hormone-secreting cells. A report of two cases. Haney AF, et al. **J Reprod Med** 1984 Dec;29(12):883-7

Effect of prostaglandin E2 on puerperal breast discomfort and prolactin secretion. Tulandi T, et al. **J Reprod Med** 1985 Mar;30(3):176-8

Hormone-active intradural spinal metastasis of a prolactinoma--a case report. Landgraf R, et al. **Klin Wochenschr** 1985 Apr 15;63(8):379-84

Unresponsiveness of GH cells to cyclo(histidyl-proline), a metabolite of thyrotropin releasing hormone. Battaini F, et al. **Life Sci** 1984 Dec 17;35(25):2519-27

Inhibition of prolactin and growth hormone secretion by nickel. Carlson HE. **Life Sci** 1984 Oct 22;35(17):1747-54

Prolactin releasing and luteinizing hormone inhibiting activity of dermorphin shorter homologues in the rat. Cocchi D, et al. **Life Sci** 1985 May 6;36(18):1707-13

The putative dopamine autoreceptor agonist B-HT 920 decreases nigral dopamine cell firing rate and prolactin release in rat. Eriksson E, et al. **Life Sci** 1985 May 13;36(19):1819-27

The mechanism of action of cyproheptadine on prolactin release by cultured anterior pituitary cells. Lamberts SW, et al. **Life Sci** 1985 Jun 10;36(23):2257-62

High correlation between prolactinemia, 125-I hLH binding and progesterone secretion by an experimental luteoma. Lux VA, et al. **Life Sci** 1984 Dec 3;35(23):2345-52

Effects of the serotonin agonist, quipazine, on luteinizing hormone and prolactin release: evidence for serotonin-catecholamine interactions. Lynch CO Jr, et al. **Life Sci** 1984 Oct 1;35(14):1481-7

Suppression of basal and stress-induced prolactin release and stimulation of luteinizing hormone secretion by alpha-melanocyte-stimulating hormone. Newman CB, et al. **Life Sci** 1985 Apr 29;36(17):1661-8

The effect of ethanol on prolactin secretion in vitro. Seilicovich A, et al. **Life Sci** 1984 Nov 5;35(19):1931-5

Novel 8 alpha-ergolines with inhibitory and stimulatory effects on prolactin secretion in rats. Wachtel H, et al. **Life Sci** 1984 Oct 29;35(18):1859-67

Effect of corticosterone on the prolactin response to psychological and physical stress in rats. Yelvington DB, et al. **Life Sci** 1984 Oct 15;35(16):1705-11

Changes in LH and prolactin levels in diabetic male rats and the role of the opiate system in the control of their secretion. Yogev L, et al. **Life Sci** 1985 Sep 16;37(11):993-9

Prolactin and growth hormone responses to dermorphin in patients with prolactin-secreting pituitary adenoma. degli Uberti EC, et al. **Metabolism** 1985 Sep;34(9):874-9

Effect of nifedipine on TRH stimulation of TSH and PRL release by the pituitary gland. Teba L, et al. **Metabolism** 1985 Feb;34(2):161-3

Measuring the inhibition of TRH-stimulated prolactin by dihydroergocristine (DEC) in man: an indirect assessment of bioavailability. Venitz J, et al. **Methods Find Exp Clin Pharmacol** 1984 Oct;6(10):645-7

17 beta-Estradiol regulates prolactin secretion but not cell proliferation of GH3B6 cells in chemically defined medium. de Carvalho-Brunet N, et al. **Mol Cell Endocrinol** 1985 Jan;39(1):49-60

Calcium mobilization potentiates prolactin release induced by protein kinase C activators. Koike K, et al. **Mol Cell Endocrinol** 1985 May;40(2-3):137-43

Low doses of dopamine agonists in the long-term treatment of macroprolactinomas. Liuzzi A, et al. **N Engl J Med** 1985 Sep 12;313(11):656-9

Has the prolactin inhibiting peptide at last been found? [news] Fink G. **Nature** 1985 Aug 8-14;316(6028):487-8

A prolactin-inhibiting factor within the precursor for human gonadotropin-releasing hormone. Nikolics K, et al. **Nature** 1985 Aug 8-14;316(6028):511-7

Immunocytochemical localization in rat brain of a prolactin release-inhibiting sequence of gonadotropin-releasing hormone prohormone. Phillips HS, et al. **Nature** 1985 Aug 8-14;316(6028):542-5

Antiserum to LH-RH blocks haloperidol-induced hyperprolactinemia in female rats. Debeljuk L, et al. **Neuroendocrinology** 1985 Feb;40(2):185-7

Dermorphin stimulates prolactin secretion in the rat. Giudici D, et al. **Neuroendocrinology** 1984 Sep;39(3):236-44

The interaction of the medial preoptic area and the dorsomedial-ventromedial nuclei of the hypothalamus in the regulation of the mating-induced release of prolactin. Gunnet JW, et al. **Neuroendocrinology** 1985 Mar;40(3):232-7

Relationship between hypothalamic serotoninergic activity and prolactin and growth hormone secretion in the domestic cockerel. Hall TR, et al. **Neuroendocrinology** 1984 Sep;39(3):206-13

Characterization of dopamine and alpha-adrenergic receptors in human prolactin-secreting adenomas with [3H]-dihydroergocryptine. Ramsdell JS, et al. **Neuroendocrinology** 1985 Jun;40(6):518-25

Dopamine-induced physical barrier to inhibit prolactin release in mammotrophs disappears during resumption of prolactin secretion. Reifel CW, et al. **Neuroendocrinology** 1985 May;40(5):438-43

Naloxone-induced dissociation of oxytocin and prolactin releases. Samson WK, et al. **Neuroendocrinology** 1985 Jan;40(1):68-71

Progesterone and the control of functional luteolysis, of secretion of prolactin and of pituitary LHRH responsiveness. A study with pseudopregnant rats kept in alternating and constant lighting conditions. Schuiling GA, et al. **Neuroendocrinology** 1985 Jul;41(1):52-9

Cimetidine-induced prolactin release: possible involvement of the GABA-ergic system. Sibilia V, et al. **Neuroendocrinology** 1985 Mar;40(3):189-92

Beta-adrenergic stimulation of adenosine-3',5'-monophosphate (c-AMP) in primary cultures of rat anterior pituitary cell populations separated by unit gravity sedimentation. Relationship to growth hormone and prolactin release and to nonsecreting cells. Swennen L, et al. **Neuroendocrinology** 1985 Jan;40(1):78-83

Beta-adrenergic stimulation of adenosine-3',5'-monophosphate (c-AMP) accumulation and of prolactin and growth hormone secretion in rat anterior pituitary cell cultures. Swennen L, et al. **Neuroendocrinology** 1985 Jan;40(1):72-7

Role of alpha 1- and alpha 2-adrenergic receptors in the growth hormone and prolactin response to insulin-induced hypoglycemia in man. Tatár P, et al. **Neuroendocrinology** 1984 Sep;39(3):275-80

Effects of bromocriptine and radiation on the size and activity of estrogen-induced rat prolactinomas. Hori T, et al. **Neurol Med Chir (Tokyo)** 1985 Jan;25(1):9-14

Cerebrospinal fluid rhinorrhea during treatment with bromocriptine for prolactinoma. Kok JG, et al. **Neurology** 1985 Aug;35(8):1193-5

Dose-dependent influence of fentanyl on prolactin, growth hormone, and mood. Hoehe M, et al. **Neuropeptides** 1984 Dec;5(1-3):269-72

Electrical stimulation of the ventral noradrenergic tract (VNAT) releases hypothalamic noradrenaline and stimulates prolactin secretion in ovariectomized female rats treated with oestrogen. Dean AD, et al. **Neurosci Lett** 1985 Jun 4;57(1):73-8

Decreased tuberoinfundibular and pituitary dopamine and dihydroxyphenylacetic acid concentrations in rats with estrogen-induced pituitary tumors. Di Paolo T, et al. **Neurosci Lett** 1985 Mar 15;54(2-3):251-6

Present status of neurosurgery in the treatment of prolactinomas. Fahlbusch R, et al. **Neurosurg Rev** 1985;8(3-4):195-205

Simulation of a prolactin-secreting adenoma by an intrasellar craniopharyngioma. Gamblin GT, et al. **Neurosurgery** 1985 May;16(5):689-92

Microprolactinoma and large prolactinoma: are they two different diseases [letter] Al-Mefty O, et al. **Neurosurgery** 1985 Aug;17(2):379

Bifrontal epidural hematoma after transsphenoidal operation: report of a case with a rare complication. Saitoh Y, et al. **Neurosurgery** 1985 May;16(5):658-9

Metastasis of an occult gastric carcinoma suggesting growth of a prolactinoma during bromocriptine therapy: a case report with a review of the literature. van Seters AP, et al. **Neurosurgery** 1985 Jun;16(6):813-7

Role of defective dopaminergic inhibition of prolactin secretion in the pathogenesis of prolactinoma. Vertosick FT Jr. **Neurosurgery** 1985 Feb;16(2):261-6

Prolactin secretion during pregnancy and puerperium: response to metoclopramide and interactions with placental hormones. Bohnet HG, et al. **Obstet Gynecol** 1985 Jun;65(6):789-92

Hyperprolactinemia and associated pituitary prolactinomas. Brenner SH, et al. **Obstet Gynecol** 1985 May;65(5):661-4

Combined effects of vasoactive intestinal peptide and dopamine on adenylate cyclase in prolactin-secreting cells. Oliva D, et al. **Peptides (Fayetteville)** 1984 Nov-Dec;5(6):1067-70

Prolactin-releasing effect of zetidoline, a new neuroleptic agent, in the rat. Galliani G, et al. **Pharmacol Res Commun** 1984 Feb;16(2):117-27

A nonmitogenic pituitary function of fibroblast growth factor: regulation of thyrotropin and prolactin secretion. Baird A, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5545-9

Physiological role of alpha-melanocyte-stimulating hormone in modulating the secretion of prolactin and luteinizing hormone in the female rat. Khorram O, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):8004-8

Vasoactive intestinal peptide-containing neurons in the paraventricular nucleus may participate in regulating prolactin secretion. Mezey E, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):245-7

Effect of various catecholamine antagonists on prolactin secretion in conscious male rabbits. Kaji H, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):144-8

Central inhibitory action of TRH on prolactin secretion in the rat. Ohta H, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):9-12

Lithium effects on neuroendocrine function. Grof E, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984;

8(4–6):541–6

Effect of TRH on TSH and prolactin levels in affective disorders. Kjellman BF, et al. **Psychiatry Res** 1985 Apr; 14(4):353–63

Dose-dependent growth hormone, prolactin and cortisol stimulation after i.v. administration of desimipramine in human subjects. Laakmann G, et al. **Psychoneuroendocrinology** 1985;10(1):83–93

Effect of benztropine on the diurnal prolactin responses to haloperidol. Nathan RS, et al. **Psychoneuroendocrinology** 1985;10(1):71–6

Habituation of the prolactin response in rats to psychological stress. Yelvington DB, et al. **Psychoneuroendocrinology** 1985;10(1):95–102

Morphine inhibits cortisol and stimulates prolactin secretion in man. Zis AP, et al. **Psychoneuroendocrinology** 1984; 9(4):423–7

Cortisol and prolactin responses to dexamethasone in major depression, chronic pain, and chronic pain with major depression. Atkinson JH Jr, et al. **Psychopharmacol Bull** 1985;21(3):690–3

Responses of prolactin and growth hormone to L-tryptophan infusion: effects in normal subjects and schizophrenic patients receiving neuroleptics. Cowen PJ, et al. **Psychopharmacology (Berlin)** 1985;86(1–2):164–9

Prolactin dynamics and tumour size in the prediction of surgical outcome for prolactinoma. Gordon D, et al. **Q J Med** 1985 Feb;54(214):141–51

Effects of pimozide and domperidone administration on prolactin levels in neonatally estrogenized female rats. Aguilar E, et al. **Rev Esp Fisiol** 1985 Jun;41(2):183–6

Effect of physical fitness and body composition on sleep and sleep-related hormone concentrations. Paxton SJ, et al. **Sleep** 1984;7(4):339–46

Breast cancer in a patient with prolactinoma. Theodorakis SP, et al. **Surgery** 1985 Aug;98(2):367–9

A pituitary adenoma with dilated ventricles. Mindel JS, et al. **Surv Ophthalmol** 1985 Jul–Aug;30(1):59–61

Possible role of the pineal gland in pituitary prolactin secretion in female rats. Minato K, et al. **Tohoku J Exp Med** 1984 Jul;143(3):305–13

Enhanced prolactin secretion in patients with primary hypothyroidism during thyroid replacement. Sato S, et al. **Tohoku J Exp Med** 1984 Dec;144(4):425–31

[Study of the interrelationship of prolactin secretion, thyroid and ovarian function] Hu ZZ. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Oct;19(4):210–4, 256–7 (Eng. Abstr.) **(Chi)**

[Histological changes in hypophyseal lactotrophs in rats after administration of metoclopramide] Dušková J, et al. **Cas Lek Cesk** 1984 Jul 6;123(27):822–4 (Eng. Abstr.) **(Cze)**

[Cyclic mastalgia and prolactin stimulating drugs. A case-control study] Watt-Boolsen S, et al. **Ugeskr Laeger** 1984 May 21;146(21):1568–9 (Eng. Abstr.) **(Dan)**

[Prolactin-secreting hypophyseal adenomas. Occurrence, etiology, diagnosis and treatment] Wollesen F, et al. **Ugeskr Laeger** 1984 Sep 3;146(36):2680–5 (Eng. Abstr.) **(Dan)**

[Pituitary prolactin adenoma and pigmentary retinopathy. Apropos of 2 cases] Soyeux A, et al. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1165–7 **(Fre)**

[Light entrainment and stimulation of the secretion of prolactin in rams] Pelletier J, et al. **C R Acad Sci [III]** 1985;301(6):323–8 (Eng. Abstr.) **(Fre)**

[The effect of testosterone on the secretion of prolactin] Aidara D, et al. **J Pharmacol** 1984 Jul–Sep;15(3):309–18 (Eng. Abstr.) **(Fre)**

[Medical treatment of prolactin-secreting pituitary adenomas. Influence of the size of the adenoma] Kuhn JM, et al. **Presse Med** 1985 Mar 2;14(9):525–8 (Eng. Abstr.) **(Fre)**

[Pseudoprolactinoma caused by subclinical hypothyroidism (letter)] Wemeau JL, et al. **Presse Med** 1985 Jan 26; 14(3):167 **(Fre)**

[Drug therapy of hypophyseal tumors] Althoff PH, et al. **Internist (Berlin)** 1985 May;26(5):280–92 **(Ger)**

[Prolactin producing hypophyseal adenoma: diagnosis and therapeutic possibilities] Landolt AM, et al. **Schweiz Med Wochenschr** 1985 Jun 8;115(23):803–9 (Eng. Abstr.) **(Ger)**

[Prolactin-producing hypophyseal adenomas] Sas M, et al. **Zentralbl Gynakol** 1984;106(14):993–1004 (Eng. Abstr.) **(Ger)**

[Clinical pathology of prolactin-forming hypophyseal adenomas] Schwesinger G, et al. **Zentralbl Gynakol** 1984; 106(16):1117–23 (Eng. Abstr.) **(Ger)**

[Hormone secretion and tumor tissue in patients with acromegalic prolactinoma] Horváth T, et al. **Orv Hetil** 1984 Aug 12;125(33):1991–8 (Eng. Abstr.) **(Hun)**

[Prolactin after baclofen in healthy subjects and prolactinoma patients] Morosini PP, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):33–8 (Eng. Abstr.) **(Ita)**

[Effect of sulpiride on the secretion of prolactin and somatotropic hormone in premenopausal women affected by fibrocystic mastopathy] Caputo G, et al. **Chir Patol Sper** 1983 Apr;31(2):59–68 (Eng. Abstr.) **(Ita)**

[Influence of L-5-hydroxytryptophan on the secretion of prolactin and on plasma levels of gonadotropins] Bellanca L, et al. **Clin Ter** 1984 Jun 15;109(5):429–32 (Eng. Abstr.) **(Ita)**

[Prolactin and obesity: aspects of hypothalamic pathology] Nardoni A, et al. **G Clin Med** 1985 Mar–Apr;66(3–4):111–8 (Eng. Abstr.) **(Ita)**

[Prolactin-secreting macroadenoma in pregnancy. Critical review and presentation of a clinical case] Bellati U, et al. **Minerva Ginecol** 1984 Dec;36(12):879–83 (Eng. Abstr.) **(Ita)**

[Neuroendocrine correlations in the pathogenesis and pathology of Parkinson disease] Pinessi L, et al. **Minerva Med** 1984 Nov 3;75(42):2539–42 (Eng. Abstr.) **(Ita)**

[Prolactin response to TRH in patients with idiopathic delayed puberty] Mauri R, et al. **Minerva Pediatr** 1984 Oct 31;36(20):1013–6 (Eng. Abstr.) **(Ita)**

[A study on the prolactin releasing mechanism using an in vitro perfusion system with a cell column of cultured rat anterior pituitary cells] Kageyama J. **Nippon Naibunpi Gakkai Zasshi** 1984 Oct 20;60(10):1243–54 (Eng. Abstr.) **(Jpn)**

[The mechanism of induction of ovulation by bromocriptine in euprolactinemic anovulation--the role of occult hyperprolactinemia in anovulation] Mori H, et al. **Nippon Naibunpi Gakkai Zasshi** 1985 Jan 20;61(1):38–47 (Eng. Abstr.) **(Jpn)**

[The heterogeneity of serum hPRL in a patient with a giant prolactinoma] Tanaka T, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Sep 20;60(9):1058–66 (Eng. Abstr.) **(Jpn)**

[Recent progress in endocrinology in the field of obstetrics and gynecology] Arai K. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1963–8 (12 ref.) **(Jpn)**

[Effect of dopaminergic agents on the endocrine profile in labor and early puerperium] Kubota T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jun;37(6):945–54 (Eng. Abstr.) **(Jpn)**

[Correlation of prolactin-secreting-capacity to circadian profile of prolactin in euprolactinemic women with ovulatory disturbances] Mori H, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Feb;37(2):287–92 (Eng. Abstr.) **(Jpn)**

[Computed tomography of amenorrhea-galactorrhea syndrome] Nemoto Y, et al. **Rinsho Hoshasen** 1984 May; 29(5):561–4 (Eng. Abstr.) **(Jpn)**

[Effect of bromocriptine on prolactin secretion after dopaminergic receptor blockade with metoclopramide in patients with prostatic cancer treated with estrogens] Baranowska B, et al. **Endokrynol Pol** 1984;35(4):211–7 (Eng. Abstr.) **(Pol)**

[Diurnal rhythm of prolactin secretion after excessive intake of alcohol] Lazicka-Frelek M, et al. **Endokrynol Pol** 1984; 35(5):249–58 (Eng. Abstr.) **(Pol)**

[Diurnal rhythm of prolactin secretion in women with primary hypothyroidism] Lazicka-Frelek M, et al. **Endokrynol Pol** 1984;35(4):189–95 (Eng. Abstr.) **(Pol)**

[Effect of dopamine on gonadotropin and prolactin secretion in patients with polycystic ovary syndrome] Baranowska B, et al. **Pol Tyg Lek** 1984 Jul 16–23;39(29–30):977–80 (Eng. Abstr.) **(Pol)**

[Effect of metoclopramide on prolactin secretion in patients with primary hypothyroidism] Dorobek W, et al. **Pol Tyg Lek** 1984 Jul 16–23;39(29–30):973–5 (Eng. Abstr.) **(Pol)**

[Prolactinoma: etiology, pathogenesis, clinical course and treatment] Dedov II, et al. **Akush Ginekol (Mosk)** 1985 Feb;(2):3–7 (58 ref.) **(Rus)**

[The use of radioimmunoassay in the diagnosis of various forms of endocrine infertility] Balabolkin MI, et al. **Med Radiol (Mosk)** 1984 Nov;29(11):32–3 **(Rus)**

[Diagnostic value of roentgenography in the hyperprolactinemic syndrome] Veinberg EG, et al. **Vestn Rentgenol Radiol** 1984 Nov–Dec;(6):48–52 (Eng. Abstr.) **(Rus)**

[Lactation and re-induction of lactation] Vargas W. **GEN** 1983 Jan–Jun;37(1–2):16–28 **(Spa)**

[Response of prolactin to cimetidine in males with hypogonadotropic hypogonadism or delayed puberty] Calderón Gualda MD, et al. **Med Clin (Barc)** 1984 Sep 29;83(9):365–8 (Eng. Abstr.) **(Spa)**

[Pre- and postoperative differences in the circadian secretion of prolactin in carcinoma of the human breast] Larrad Jiménez A, et al. **Rev Esp Oncol** 1983;30(2):139–69 (Eng. Abstr.) **(Spa)**

[Tamoxifen as a suppressor of mammary carcinogenesis induced by 7,12-dimethyl-benzanthracene and methylnitrosourea, in female rats with induced hyperprolactinemia] Sarria JA, et al. **Rev Fac Cien Med Univ Nac Cordoba** 1983;41(3–4):17–25 (Eng. Abstr.) **(Spa)**

PROLACTIN RELEASE INHIBITING HORMONE

ANALYSIS

Purification of a non-dopaminergic and non-GABAergic prolactin release-inhibiting factor (PIF) in sheep stalk-median eminence. Mizunuma H, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):114–20

METABOLISM

Immunocytochemical localization in rat brain of a prolactin release-inhibiting sequence of gonadotropin-releasing hormone prohormone. Phillips HS, et al. **Nature** 1985 Aug 8–14;316(6028):542–5

PHYSIOLOGY

Has the prolactin inhibiting peptide at last been found? [news] Fink G. **Nature** 1985 Aug 8–14;316(6028):487–8

A prolactin-inhibiting factor within the precursor for human gonadotropin-releasing hormone. Nikolics K, et al. **Nature** 1985 Aug 8–14;316(6028):511–7

PROLACTIN RELEASING HORMONE

CEREBROSPINAL FLUID

Detection of prolactin and LH releasing activity in mid-term human fetal cerebrospinal fluid. Gilmore DP, et al. **Indian J Exp Biol** 1984 Nov;22(11):586–8

ISOLATION & PURIFICATION

A new in vitro assay system for prolactin-releasing activity and its application for demonstration of porcine hypothalamic prolactin-releasing factor (PRF). Nomura M, et al. **Asia Oceania J Obstet Gynaecol** 1985 Jun;11(2):271–8

METABOLISM

Heterogeneity of activity of the prolactin-releasing factor in the bovine hypothalamo-neurohypophysial complex. Yasuda N, et al. **J Endocrinol** 1984 Nov;103(2):243–9

PROLIFERATIVE PHASE see **MENSTRUAL CYCLE**

PROLINE

Involvement of prolines-114 and -117 in the slow refolding phase of ribonuclease A as determined by isomer-specific proteolysis. Lin LN, et al. **Biochemistry** 1984 Nov 20; 23(24):5713–23

Energy difference associated with proline isomerization in ribonuclease A. Ihara S, et al. **Biochim Biophys Acta** 1985 Jul 18;830(1):109–12

Conformational properties of Pro-Pro sequences. I. Crystal structures of two dipeptides with L-Pro-L-Pro and L-Pro-D-Pro sequences. Aubry A, et al. **Biopolymers** 1985 Jun;24(6):1089–100

Role of proline ... proline interactions in the packing of collagenlike poly(tripeptide) triple helices. Némethy G, et al. **Biopolymers** 1984 Dec;23(12):2781–99

Inhibition of apatite crystal growth by the amino-terminal segment of human salivary acidic proline-rich proteins. Aoba T, et al. **Calcif Tissue Int** 1984 Dec;36(6):651–8

Preferential cleavage at aspartyl-prolyl peptide bonds in dilute acid. Marcus F. **Int J Pept Protein Res** 1985 May; 25(5):542–6

Tertiary peptide bond containing-oligo(Leu)s. Conformational studies in solution of oligo (L-leucine)s with L-proline residue and glycyl-N-(2, 4-dimethoxybenzyl)-L-leucine sequence. Narita M, et al. **Int J Pept Protein Res** 1984 Jul;24(1):14–24

Induction of proline-rich glycoprotein synthesis in mouse salivary glands by isoproterenol and by tannins. Mehansho H, et al. **J Biol Chem** 1985 Apr 10;260(7):4418–23

Hb Long Island: a hemoglobin variant with a methionyl extension at the NH2 terminus and a prolyl substitution for the normal histidyl residue 2 of the beta chain. Barwick RC, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4602–5

ANALOGS & DERIVATIVES

Captopril-associated transient aplastic anemia. Israeli A, et al. **Acta Haematol (Basel)** 1985;73(2):106–7

Long-term effects of captopril and atenolol in essential hypertension. Andrén L, et al. **Acta Med Scand** 1985; 217(2):155–60

A long-term follow-up of patients with essential hypertension treated with captopril. Ohman P, et al. **Acta Med Scand** 1984;216(1):53–6

Urinary 6-keto-PGF1 alpha after captopril and indomethacin: possible contribution of PGI2 to the antihypertensive mechanism of ACE inhibitors. Minuz P, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:199–202

Captopril enhances in vitro human lymphocyte thymidine incorporation. Simon MR, et al. **Agents Actions** 1984 Dec; 15(5–6):525–8

A cooperative multicenter study of captopril in congestive heart failure: hemodynamic effects and long-term response. Chatterjee K, et al. **Am Heart J** 1985 Aug;110(2):439–47

Crossover comparison of captopril and propranolol as step 2 agents in hypertension. Oren A, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):554–7

Comparative effects of captopril and isosorbide dinitrate on pulmonary arteriolar resistance and right ventricular function in patients with severe left ventricular failure: results of a randomized crossover study. Packer M, et al. **Am Heart J** 1985 Jun;109(6):1293–9

A parallel study of enalapril and captopril and 1 year of experience with enalapril treatment in moderate-to-severe essential hypertension. Thind GS, et al. **Am Heart J** 1985 Apr;109(4):852–8

Efficacy of captopril in low-renin congestive heart failure: importance of sustained reactive hyperreninemia in distinguishing responders from nonresponders. Packer M, et al. **Am J Cardiol** 1984 Oct 1;54(7):771–7

Cardiovascular effects and regional blood flow distribution associated with angiotensin converting enzyme inhibition (captopril) in essential hypertension. Ventura HO, et al. **Am J Cardiol** 1985 Apr 1;55(8):1023–6

Angiotensin II levels, hemodynamics, and sympathoadrenal function after low-dose captopril in heart failure. Cleland J, et al. **Am J Med** 1984 Nov;77(5):880–6

Clinical applications of angiotensin-converting enzyme inhibitors. Ferguson RK, et al. **Am J Med** 1984 Oct; 77(4):690–8 (104 ref.)

Monotherapy of hypertension with angiotensin-converting enzyme inhibitors. Materson BJ. **Am J Med** 1984 Oct 5; 77(4A):128–34 (41 ref.)

Worsening of anemia induced by long-term use of captopril in hemodialysis patients. Hirakata H, et al. **Am J Nephrol** 1984;4(6):355–60

Comparative effects of hydralazine and captopril on the cardiovascular changes in spontaneously hypertensive rats. Limas C, et al. **Am J Pathol** 1984 Dec;117(3):360–71

Hypertension after ending captopril administration: pathogenesis in 2-kidney, 1-clip rat. DeForrest JM, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):H946–51

Opposing effects of captopril and aprotinin on tubuloglomerular feedback responses. Schnermann J, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):F912–8

Reversal of captopril-induced psychosis with naloxone [letter] Gillman MA, et al. **Am J Psychiatry** 1985 Feb; 142(2):270

Bipolar affective symptoms associated with use of captopril and abrupt withdrawal of pargyline and propranolol. McMahon T. **Am J Psychiatry** 1985 Jun;142(6):759–60

Periodate oxidation products of hydroxylysine in the synthesis of 5-substituted prolines. Wu GY, et al. **Anal Biochem** 1985 May 15;147(1):103–7

Captopril for the treatment of patients with hypertension and peripheral vascular disease. Catalano M, et al. **Angiology** 1985 May;36(5):293–6

Central angiotensin converting enzyme blockade and salt preference in renovascular hypertensive rats. Chan JY, et al. **Ann Acad Med Singapore** 1985 Jan;14(1):137–42

Penicillamine, captopril, and hypoglycemia [letter] Elling P, et al. **Ann Intern Med** 1985 Oct;103(4):644–5

Captopril and insulin sensitivity [letter] Ferriere M, et al. **Ann Intern Med** 1985 Jan;102(1):134–5

Captopril-induced renal insufficiency and the role of sodium balance. Hricik DE. **Ann Intern Med** 1985 Aug; 103(2):222–3

Captopril-associated cholestatic jaundice. Rahmat J, et al. **Ann Intern Med** 1985 Jan;102(1):56–8

Renin response to captopril in conscious dogs pretreated with indomethacin or propranolol. Kamijo T, et al. **Arch Int Pharmacodyn Ther** 1985 Mar;274(1):56–64

Low-dose captopril for the treatment of mild to moderate hypertension. I. Results of a 14-week trial. Veterans Administration Cooperative Study Group on Antihypertensive Agents. **Arch Intern Med** 1984 Oct; 144(10):1947–53

Captopril vs mild to moderate hypertension [letter] Arlington A. **Arch Intern Med** 1985 Jun;145(6):1141–2

Combined therapy with captopril and potassium supplementation. A potential for hyperkalemia. Burnakis TG, et al. **Arch Intern Med** 1984 Dec;144(12):2371–2

Captopril in Takayasu's disease in children [letter] Eke FU, et al. **Arch Intern Med** 1984 Nov;144(11):2283–4

Captopril in Takayasu's disease [letter] Pirttiaho HI. **Arch Intern Med** 1985 Jan;145(1):180

Cough associated with the use of captopril. Sesoko S, et al. **Arch Intern Med** 1985 Aug;145(8):1524

Autoantibodies during captopril treatment [letter] Kallenberg CG. **Arthritis Rheum** 1985 May;28(5):597–8

Inhibition of angiotensin converting enzyme by 2-[N-[(S)-1-carboxy-3-phenylpropyl]-L-alanyl]-(1S,3S,5 [3.3.0]octane-3-carboxylic acid (Hoe 498 diacid). Comparison with captopril and enalaprilat. Bünning P. **Arzneimittelforsch** 1984;34(10B):1406–10

Treatment of hypertension with angiotensin converting enzyme inhibitors. Johnston CI. **Aust NZ J Med** 1984 Aug; 14(4):509–13 (30 ref.)

Alopecia associated with captopril treatment [letter] Leaker B, et al. **Aust NZ J Med** 1984 Dec;14(6):866

Thiazolidine-2-carboxylate derivatives formed from glyoxylate and L-cysteine or L-cysteinylglycine as possible physiological substrates for D-aspartate oxidase. Burns CL, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):1039–45

Effect of probenecid on the disposition of captopril and captopril dimer in the rat. Drummer OH, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3347–51

Captopril disulfide conjugates may act as prodrugs: disposition of the disulfide dimer of captopril in the rat. Drummer OH, et al. **Biochem Pharmacol** 1984 Nov 15; 33(22):3567–71

Inhibition of rat and human prolidases by captopril. Ganapathy V, et al. **Biochem Pharmacol** 1985 Apr 15; 34(8):1287–91

Captopril removal by rabbit lung in vivo. Howell RE, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2371–5

Captopril in heart failure. A double blind controlled trial. Cleland JG, et al. **Br Heart J** 1984 Nov;52(5):530–5

Haemodynamic and neurohumoral response to exercise in patients with congestive heart failure treated with captopril. Creager MA, et al. **Br Heart J** 1985 Apr; 53(4):431–5

Plasma free captopril concentrations during short and long term treatment with oral captopril for heart failure. Shaw TR, et al. **Br Heart J** 1985 Aug;54(2):160–5

The effect of captopril on the reflex control heart rate: possible mechanisms. Ajayi AA, et al. **Br J Clin Pharmacol** 1985 Jul;20(1):17–25

Angiotensin converting enzyme inhibition in heart failure. Cleland JG, et al. **Br J Clin Pharmacol** 1984;18 Suppl 2:157S–160S

Captopril pharmacokinetics [letter] Deray G. **Br J Clin Pharmacol** 1985 Jul;20(1):90–2

Effect of angiotensin II and captopril on renal tubular function in man. Düsing R, et al. **Br J Clin Pharmacol** 1985 Jan;19(1):29–35

Influence of chronic renal failure on captopril pharmacokinetics and clinical and biological effects in hypertensive patients. Giudicelli JF, et al. **Br J Clin Pharmacol** 1984 Nov;18(5):749–58

The influence of captopril, the nitrates and propranolol on apparent liver blood flow. Shepherd AN, et al. **Br J Clin Pharmacol** 1985 Mar;19(3):393–7

Effect of captopril on the vascular permeability changes induced by C5a, histamine and compound 48/80. Lim HW, et al. **Br J Dermatol** 1985 Jan;112(1):43–51

Hepatic necrosis and glutathione depletion in captopril-treated mice. Helliwell TR, et al. **Br J Exp Pathol** 1985 Feb;66(1):67–78

Severe cutaneous reaction to captopril [letter] **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1829

Clinical importance of the renin-angiotensin system in chronic heart failure: double blind comparison of captopril and prazosin. Bayliss J, et al. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1861–5

Captopril and domiciliary oxygen in chronic airflow obstruction. Burke CM, et al. **Br Med J [Clin Res]** 1985 Apr 27;290(6477):1251

Severe cutaneous reactions to captopril. Goodfield MJ, et al. **Br Med J [Clin Res]** 1985 Apr 13;290(6475):1111

Reversible captopril-associated bone marrow aplasia [letter] Strair RK, et al. **Can Med Assoc J** 1985 Feb 15;132(4):320–2

The effect of captopril on renal function in patients during the first cis-diamminedichloroplatinum II infusion. Offerman JJ, et al. **Cancer Chemother Pharmacol** 1985; 14(3):262–4

Influence of chronic captopril therapy on the infarcted left ventricle of the rat. Pfeffer JM, et al. **Circ Res** 1985 Jul; 57(1):84–95

Lack of reflex increase in myocardial sympathetic tone after captopril: potential antianginal effect. Daly P, et al. **Circulation** 1985 Feb;71(2):317–25

Systemic and regional hemodynamic effects of captopril and milrinone administered alone and concomitantly in patients with heart failure. LeJemtel TH, et al. **Circulation** 1985 Aug;72(2):364–9

Survival after an experimental myocardial infarction: beneficial effects of long-term therapy with captopril. Pfeffer MA, et al. **Circulation** 1985 Aug;72(2):406–12

Cutaneous reactions to captopril. Predictive value of skin tests. Smit AJ, et al. **Clin Allergy** 1984 Sep;14(5):413–9

Naloxone suppresses the vasodepressor action of captopril in the anaesthetized dog. Montastruc JL, et al. **Clin Exp Hypertens [A]** 1984;6(10–11):1825–8

Effects of development and captopril treatment on central angiotensin II--sensitive neurons. Nelson DO, et al. **Clin Exp Hypertens [A]** 1984;6(10–11):2013–7

Influence of the converting enzyme inhibitors Hoe 498, enalapril and captopril on vascular reactivity of isolated arterial preparations. Schölkens BA, et al. **Clin Exp Hypertens [A]** 1984;6(10–11):1807–13

Twenty-four hour blood pressure monitoring in the evaluation of once daily treatment of essential hypertension with captopril. Thurm RH, et al. **Clin Exp Hypertens [A]** 1985;7(2–3):283–90

Converting enzyme-induced reversible deterioration of renal function in a patient with unilateral renal artery stenosis [letter] Kremer Hovinga TK, et al. **Clin Nephrol** 1984 Aug; 22(2):106–7

Captopril-associated granulocytopenia in hypertension after renal transplantation. Shindo K, et al. **Clin Nephrol** 1984 Dec;22(6):314–6

The use of captopril to control hypertension in post-transplant renal artery stenosis. Trachtman H, et al. **Clin Nephrol** 1985 Apr;23(4):203–6

Parkinsonism induced by captopril [letter] Sandyk R. **Clin Neuropharmacol** 1985;8(2):197–8

Managing hypertension with captopril and hydrochlorothiazide using two versus three daily doses. Schuna AA, et al. **Clin Pharm** 1985 Jan–Feb;4(1):65–7

Effects of captopril on arterial and venous pressure, renal function, and humoral factors in severe chronic congestive heart failure. Kubo S, et al. **Clin Pharmacol Ther** 1984 Oct; 36(4):456–63

Evidence of parasympathetic activity of the angiotensin converting enzyme inhibitor, captopril, in normotensive man. Campbell BC, et al. **Clin Sci** 1985 Jan;68(1):49–56

Captopril and oxprenolol in a fixed combination with thiazide diuretics: comparison of their antihypertensive efficacy and metabolic effects. Costa FV, et al. **Clin Ther** 1984; 6(5):708–18

Prevention of intra- and postdialytic hypertensive crises by captopril. Bazzato G, et al. **Contrib Nephrol** 1984;41:292–8

Captopril in the treatment of hypertension in predialytic end-stage renal disease. Delin K, et al. **Contrib Nephrol** 1984;41:299–303

Mechanisms of the antihypertensive action of captopril. Mann JF. **Contrib Nephrol** 1984;43:171–81 (46 ref.)

Captopril and renal function. Reubi FC. **Contrib Nephrol** 1984;43:159–70 (53 ref.)

Pressure dependence of renal hemodynamics and function during converting-enzyme inhibition in congestive heart failure. Ribstein J, et al. **Contrib Nephrol** 1984;41:43–6

Captopril--indications and clinical problems. Schaefer RM, et al. **Contrib Nephrol** 1984;43:182–203 (144 ref.)

Captopril: pharmacology, metabolism and disposition. Migdalof BH, et al. **Drug Metab Rev** 1984;15(4):841–69 (32 ref.)

Effect of chronic administration of deoxycorticosterone acetate on salt appetite of captopril-treated rats. Fregly MJ, et al. **Endocrinology** 1985 Apr;116(4):1391–8

Angiotensin-converting enzyme in the male rat reproductive system: autoradiographic visualization with [3H]captopril. Strittmatter SM, et al. **Endocrinology** 1984 Dec; 115(6):2332–41

The contact phase of blood coagulation and renin activation in essential hypertension before and after captopril. Patrassi GM, et al. **Eur Heart J** 1984 Jul;5(7):561–7

Renin-angiotensin activation is not primarily responsible for the changes in mean arterial pressure during sternotomy in patients undergoing cardiac surgery. Cashman JN, et al. **Eur J Anaesthesiol** 1984 Sep;1(3):299–303

Primary structure of histone H2B from gonads of the starfish Asterias rubens. Identification of an N-dimethylproline residue at the amino-terminal. Martinage A, et al. **Eur J Biochem** 1985 Mar 1;147(2):351–9

Effect of captopril and hydrochlorothiazide on the response to pressor agents in hypertensives. Fruncillo RJ, et al. **Eur J Clin Pharmacol** 1985;28(1):5–9

Aldosterone and prolactin responsiveness after prolonged treatment of congestive heart failure with captopril. Jungmann E, et al. **Eur J Clin Pharmacol** 1985;28(1):1–4

Effects of captopril on pulmonary haemodynamics. Richard C, et al. **Eur J Clin Pharmacol** 1984;27(1):35–9

Differences in kidney renin content between normotensive and spontaneously hypertensive rats: effect of captopril treatment. Antonaccio MJ, et al. **Eur J Pharmacol** 1984 Aug 3;103(1–2):157–9

Effect of intracoronary captopril on coronary blood flow and regional myocardial function in dogs. Noguchi K, et al. **Eur J Pharmacol** 1985 Mar 26;110(1):11–9

Captopril: a protective agent in renal warm ischemia in rats. Oosterlinck W, et al. **Eur Urol** 1985;11(1):36–9

Long-term effects of captopril on the morphology of normal rat adrenal zona glomerulosa. A morphometric study. Mazzocchi G, et al. **Exp Clin Endocrinol** 1984 Oct; 84(2):148–52

Prediction of hyperkalemia associated with prolonged treatment with captopril by glucose-induced acute serum potassium changes. Radó JP. **Exp Clin Endocrinol** 1984 Oct; 84(2):143–7

Pharmacological inhibition of excessive collagen deposition in fibrotic diseases. Uitto J, et al. **Fed Proc** 1984 Oct; 43(13):2815–20

Acute effects of captopril on systemic and renal hemodynamics and on renal function in cirrhotic patients with ascites. Pariente EA, et al. **Gastroenterology** 1985 May; 88(5 Pt 1):1255–9

Effect of captopril on norepinephrine vascular contractility. Ubeda M, et al. **Gen Pharmacol** 1985;16(3):303–6

Hormone and haemodynamic effects of angiotensin II infusion during captopril treatment for heart failure. Chambers S, et al. **Horm Metab Res** 1985 Mar;17(3):159–62

Zinc metabolism during captopril treatment. Zumkley H, et al. **Horm Metab Res** 1985 May;17(5):256–8

Captopril potentiates chronotropic baroreflex responses to carotid stimuli in humans. Ebert TJ. **Hypertension** 1985 Jul–Aug;7(4):602–6

Effects of captopril on vascular noradrenergic transmission in SHR. Eikenburg DC. **Hypertension** 1984 Sep–Oct; 6(5):660–5

The antihypertensive function of the kidney. Its elucidation by captopril plus unclipping. Muirhead EE, et al. **Hypertension** 1985 May–Jun;7(3 Pt 2):I127–35

Influence of captopril and enalapril on regional vascular alpha-adrenergic receptor reactivity in SHR. Richer C, et al. **Hypertension** 1984 Sep–Oct;6(5):666–74

Impairment of granulomatous inflammatory response to Histoplasma capsulatum by inhibitors of angiotensin-converting enzyme. Deepe GS Jr, et al. **Infect Immun** 1985 May;48(2):395–401

Converting-enzyme inhibition for severe chronic heart failure: views from a skeptic. Packer M. **Int J Cardiol** 1985 Feb;7(2):111–20 (50 ref.)

Haemodynamic changes in peripheral arterial circulation during antihypertensive treatment with captopril, methyldopa and indapamide. Ferrara LA, et al. **Int J Clin Pharmacol Res** 1984;4(5):389–93

Impairment of captopril bioavailability by concomitant food and antacid intake. Mäntylä R, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Nov;22(11):626–9

Hemodynamic and clinical significance of the pulmonary vascular response to long-term captopril therapy in patients with severe chronic heart failure. Packer M, et al. **J Am Coll Cardiol** 1985 Sep;6(3):635-45

Clinical effects of low-dose captopril plus a thiazide diuretic on mild to moderate essential hypertension: a multicenter double-blind comparison with propranolol. Captopril Research Group of Japan. **J Cardiovasc Pharmacol** 1985; 7 Suppl 1:S77-81

Antihypertensive treatment using calcium antagonists in combination with captopril rather than diuretics. Brouwer RM, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S88-91

Differing dosages of captopril and hydrochlorothiazide in the treatment of hypertension: long-term effects metabolic values and intracellular electrolytes. Costa FV, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S70-6

Effects of captopril on limiting infarct size in conscious dogs. Daniell HB, et al. **J Cardiovasc Pharmacol** 1984 Nov-Dec; 6(6):1043-7

Captopril in hypertension; seven years later. Jenkins AC, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S96-101

Effects of captopril, hydrochlorothiazide, and their combination on timed urinary excretions of water and solutes. Leary WP, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S56-62

Captopril and hydrochlorothiazide in the fixed combination multicenter trial. Lederle RM. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S63-9

Captopril versus enalapril maleate: a comparison of antihypertensive and hormonal effects. Lewis RA, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S12-5

Captopril: contrasting effects of adding hydrochlorothiazide, propranolol, or nifedipine. MacGregor GA, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S82-7

Pharmacokinetics of captopril and its effects on blood pressure during acute and chronic administration and in relation to food intake. Ohman KP, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S20-4

Once-daily administration of captopril and hypotensive effect. Reyes AJ, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S16-9

Influence of food on acute and chronic effects of captopril in essential hypertensive patients. Salvetti A, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S25-9

Suppressive effect of captopril on platelet aggregation in essential hypertension. Someya N, et al. **J Cardiovasc Pharmacol** 1984 Sep-Oct;6(5):840-3

Blood pressure and metabolic responses to hydrochlorothiazide, captopril, and the combination in black and white mild-to-moderate hypertensive patients. Weinberger MH. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S52-5

Determination of captopril and its mixed disulphides in plasma and urine by high-performance liquid chromatography. Hayashi K, et al. **J Chromatogr** 1985 Feb 27;338(1):161-9

Rapid purification of human placental angiotensin I converting enzyme by captopril affinity chromatography. Taira H, et al. **J Chromatogr** 1985 May 3;339(2):399-403

A comparative study of captopril and enalapril in patients with severe hypertension. Chrysant SG, et al. **J Clin Pharmacol** 1985 Mar;25(2):149-51

The effect of captopril on renal hemodynamics in hypertensive patients. Duchin KL, et al. **J Clin Pharmacol** 1984 Aug-Sep;24(8-9):351-9

Cerebrovascular aspects of converting-enzyme inhibition I: Effects of intravenous captopril in spontaneously hypertensive and normotensive rats. Barry DI, et al. **J Hypertens** 1984 Dec;2(6):589-97

Effects of captopril on vascular noradrenergic transmission during the development of two-kidney, one clip Goldblatt hypertension in rats. Eikenburg DC, et al. **J Hypertens** 1983 Aug;1(2):115-22

Effect of SQ20881 and captopril on pulmonary angiotensin II formation and blood pressure. Houck PC, et al. **J Hypertens** 1983 Jun;1(1):73-6

Depressor effects of captopril in DOCA-salt hypertensive rats: role of vasopressin. Igarashi Y, et al. **J Hypertens** 1985 Apr;3(2):149-53

Cerebrovascular aspects of converting-enzyme inhibition II: Blood-brain barrier permeability and effect of intracerebroventricular administration of captopril. Jarden JO, et al. **J Hypertens** 1984 Dec;2(6):599-604

Effect of chronic treatment with captopril on reactivity of aortic smooth muscle from normotensive and renal hypertensive rats. Kikta DC, et al. **J Hypertens** 1983 Oct; 1(3):267-75

Left ventricular mass and function before and after antihypertensive treatment. Lombardo M, et al. **J Hypertens** 1983 Oct;1(3):215-9

Participation of the renin-angiotensin system in the maintenance of blood pressure during changes in posture in patients with essential hypertension. Morganti A, et al. **J Hypertens** 1985 Feb;3(1):55-61

Combined captopril and hydrochlorothiazide therapy in severe hypertension: long-term haemodynamic changes at rest and during exercise. Omvik P, et al. **J Hypertens** 1984 Feb;2(1):73-80

Chronic captopril infusion in two-kidney, one clip rats with normal plasma renin concentration. Wallace EC, et al. **J Hypertens** 1984 Jun;2(3):285-9

Determination of role of sympathetic and renin-angiotensin systems in Goldblatt hypertension with urapidil and captopril. Zimmerman BG. **J Hypertens** 1984 Oct; 2(5):485-91

Effect of captopril on transplanted schistosome egg granulomas in skin. Epstein WL, et al. **J Invest Dermatol** 1985 Sep;85(3):212-5

Modulation of endotoxin-induced neutrophil alveolitis by captopril and by hyperoxia. Rinaldo JE, et al. **J Leukocyte Biol** 1985 Jan;37(1):87-99

Design, synthesis, and testing of potential antisickling agents. 5. Disubstituted benzoic acids designed for the donor site and proline salicylates designed for the acceptor site. Abraham DJ, et al. **J Med Chem** 1984 Dec;27(12):1549-59

Bilateral renal papillary adenocarcinoma in a young man on long-term captopril therapy. Walecki JK, et al. **J Natl Med Assoc** 1984 Nov;76(11):1124, 1134

Captopril suppresses glomerular filtration rate but not blood flow in the affected kidney in renovascular hypertension: report and comments on one case. Fommei E, et al. **J Nucl Med Allied Sci** 1985 Jan-Jun;29(1-2):175-7

Acute blood pressure and urinary responses to single dose combinations of captopril and diuretics in conscious spontaneously hypertensive rats. Chiu PJ, et al. **J Pharm Pharmacol** 1985 Feb;37(2):105-9

Identification and determination of the S-methyl metabolite of captopril in human plasma by selected-ion monitoring gas chromatography-mass spectrometry. Cohen AI, et al. **J Pharm Sci** 1984 Oct;73(10):1493-5

Determination of total captopril in human plasma by gas chromatography-mass spectrometry with selected-ion monitoring after reduction of disulfides. Ivashkiv E, et al. **J Pharm Sci** 1984 Aug;73(8):1113-7

Spectrofluorometric determination of captopril plus captopril disulfide metabolites in plasma. Ivashkiv E. **J Pharm Sci** 1984 Oct;73(10):1427-30

An improved synthesis of captopril. Nam DH, et al. **J Pharm Sci** 1984 Dec;73(12):1843-4

Gastric and intestinal absorption of captopril in acutely and chronically treated rats: comparison with salicylic acid. Worland PJ, et al. **J Pharm Sci** 1984 Dec;73(12):1755-8

Influence of naloxone on the captopril-induced decrease in vagal pressor reflexes. Montastruc P, et al. **J Pharmacol** 1984 Oct-Dec;15(4):421-6

Kinetics of captopril- and enalapril-induced inhibition of pulmonary angiotensin converting enzyme in vivo. Moalli R, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):372-7

The effect of captopril on sodium appetite in adrenalectomized and deoxycorticosterone-treated rats. Elfont RM, et al. **J Physiol (Lond)** 1985 Aug;365:1-12

Involvement of the renin-angiotensin system in captopril-induced sodium appetite in the rat. Elfont RM, et al. **J Physiol (Lond)** 1984 Sep;354:11-27

Captopril for refractory hypertension in patients with impaired renal function. Laher MS, et al. **J R Soc Med** 1985 May;78(5):367-72

Two inhibitors of angiotensin-converting enzyme, enalapril and captopril, increase salt appetite of rats. Minsker DH, et al. **J Toxicol Environ Health** 1984;14(5-6):715-22

Diagnosis of unilateral renal artery lesions after captopril administration [letter] Grim CE. **JAMA** 1985 Jan 18; 253(3):346-7

Collagen-production inhibitors evaluated as antitumor agents. Klohs WD, et al. **JNCI** 1985 Aug;75(2):353-9

Captopril in Cushing's syndrome. Greminger P, et al. **Klin Wochenschr** 1984 Sep 17;62(18):855-8

Captopril before and after spironolactone therapy in primary aldosteronism. Pathogenetic and therapeutical aspects. Stimpel M, et al. **Klin Wochenschr** 1985 Apr 15;63(8):361-3

Long-term effect of captopril on kidney function in various forms of hypertension. Vetter W, et al. **Klin Wochenschr** 1984 Aug 1;62(15):731-7

Deterioration of renal function in hypertensive patients with scleroderma despite blood pressure normalization with captopril. Waeber B, et al. **Klin Wochenschr** 1984 Aug 1; 62(15):728-30

Captopril, diarrhoea, and hypotension [letter] Benett PR, et al. **Lancet** 1985 May 11;1(8437):1105

Captopril administration in pregnancy impairs fetal angiotensin converting enzyme activity and neonatal adaptation [letter] Boutroy MJ, et al. **Lancet** 1984 Oct 20; 2(8408):935-6

Successful use of captopril in patient with renal artery stenosis of a solitary kidney [letter] Burris JF, et al. **Lancet** 1985 Jun 29;1(8444):1511-2

Effects of captopril on abnormalities of the peripheral circulation and respiratory function in patients with severe heart failure. Cowley AJ, et al. **Lancet** 1984 Nov 17; 2(8412):1120-4

Safety of angiotensin-converting-enzyme inhibitors [letter] Currie WJ, et al. **Lancet** 1985 Mar 9;1(8428):580-1

Captopril-associated renal failure with endarteritis but not renal-artery stenosis in transplant recipient [letter] Davin JC, et al. **Lancet** 1985 Apr 6;1(8432):820

Angiotensin-converting enzyme inhibitors: past, present, and bright future. Edwards CR, et al. **Lancet** 1985 Jan 5; 1(8419):30-4 (89 ref.)

Captopril during pregnancy [letter] Fiocchi R, et al. **Lancet** 1984 Nov 17;2(8412):1153

Captopril in hypertensive crisis [letter] Hauger-Klevene JH. **Lancet** 1985 Sep 28;2(8457):732-3

Safety of angiotensin-converting-enzyme inhibitors [letter] Hill JF. **Lancet** 1985 Apr 6;1(8432):820

Captopril and phaeochromocytoma [letter] Israeli A, et al. **Lancet** 1985 Aug 3;2(8449):278-9

Captopril once daily as monotherapy in patients with hyperuricaemia and essential hypertension [letter] Leary WP, et al. **Lancet** 1985 Jun 1;1(8440):1277

Effect of diarrhoea on a patient taking captopril [letter] McMurray J, et al. **Lancet** 1985 Mar 9;1(8428):581

Disappearance of captopril-induced taste disturbance after substitution with angiotensin-converting-enzyme inhibitor HOE 498 [letter] Mauersberger H, et al. **Lancet** 1985 Mar 2;1(8427):517-8

Sublingual captopril versus nifedipine in hypertensive crises [letter] Opie LH, et al. **Lancet** 1985 Sep 7;2(8454):555

Relative safety of angiotensin-converting-enzyme inhibitors [letter] Richardson PJ. **Lancet** 1985 Jun 8;1(8441):1344

Sublingual captopril in hypertensive crisis [letter] Tschollar W, et al. **Lancet** 1985 Jul 6;2(8445):34-5

Effect of pithing on the postjunctional sympatho-inhibitory action of captopril in cats. de Jonge A, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Nov; 328(1):30-2

Effect of captopril in Bartter's syndrome [letter] Aurell M, et al. **Nephron** 1985;39(1):68

Successful treatment of long-lasting severe hypertension with captopril during a twin pregnancy [letter] Coen G, et al. **Nephron** 1985;40(4):498-500

Captopril treatment of hypertension and renal failure in systemic lupus erythematosus. Herlitz H, et al. **Nephron** 1984;38(4):253-6

Effect of the angiotensin converting enzyme inhibitor, captopril (SQ14,225), on orthostatic sodium and water retention in patients with idiopathic edema. Suzuki H, et al. **Nephron** 1985;39(3):244-9

A case of one-kidney hypertension: contrasting effects of angioplasty and treatment with captopril. Takabatake T, et al. **Nephron** 1985;40(2):223-6

Effect of captopril on blood pressure and renal function in patients with transplant renal artery stenosis. van der Woude FJ, et al. **Nephron** 1985;39(3):184-8

Reversible renal failure following treatment with captopril and diuretics in patients with renovascular hypertension. Hoefnagels WH, et al. **Neth J Med** 1984;27(8):269-74

Unilateral membranous glomerulopathy during captopril treatment. Smit AJ, et al. **Neth J Med** 1985;28(1):23-7

Combined effects of captopril and the diuretic trichloromethiazide on blood pressure in patients with essential hypertension. Izumi Y, et al. **Nippon Jinzo Gakkai Shi** 1984 Sep;26(9):1251-8

Acute and chronic effects of captopril on the renin-angiotensin and kallikrein-kinin systems affecting blood pressure and natriuresis. Kida O. **Nippon Jinzo Gakkai Shi** 1985 Mar;27(3):343-52

Deterioration of renal function and hyperkalemia in hypertensive patients with impaired renal function during captopril administration. Kodama K, et al. **Nippon Jinzo Gakkai Shi** 1985 Mar;27(3):327-35

Effects of single dose administration of angiotension covering enzyme inhibitor (captopril) on blood pressure, plasma renin activity and plasma aldosterone in patients with essential hypertension. A proposal for the captopril test. Kodama K, et al. **Nippon Jinzo Gakkai Shi** 1984 Sep; 26(9):1243-9

Comparison of the acute effects of three structurally different converting enzyme inhibitors (captopril, SA-446 and MK-421) on blood pressure, the renin-angiotensin system and the kallikrein-kinin system. Kondo K, et al. **Nippon Jinzo Gakkai Shi** 1985 Mar;27(3):337-42

Cerebral blood flow in hypertensive patients with cerebrovascular disease: technique for measurement and effect of captopril. Britton KE, et al. **Nucl Med Commun** 1985 May;6(5):251-61

Effects of converting enzyme inhibitors on renin-angiotensin system in normal rats. Komori T, et al. **Osaka City Med J** 1984 Jun;30(1):17-30

Can captopril cause fetal and neonatal renal failure? Rothberg AD, et al. **Pediatr Pharmacol (New York)** 1984;4(3):189-92

The effect of captopril on urinary protein excretion in puromycin aminonucleoside nephrosis in rats. Trachtman H, et al. **Pediatr Res** 1985 Aug;19(8):828-34

Efficacy and safety of captopril in the treatment of severe childhood hypertension: report of the International Collaborative Study Group. Mirkin BL, et al. **Pediatrics** 1985 Jun;75(6):1091-100

Captopril inhibits sodium and water transport in the toad skin, a model of the distal nephron. Orce GG, et al. **Pharmacol Res Commun** 1985 Jan;17(1):33-47

Effect of captopril on Na-K ATPase and Mg ATPase activities of erythrocyte ghost membranes. Santoro FM, et al. **Pharmacol Res Commun** 1985 Apr;17(4):323-30

Captopril: clinical pharmacology and benefit-to-risk ratio in hypertension and congestive heart failure. Vlasses PH, et al. **Pharmacotherapy** 1982 Jan-Feb;2(1):1-17 (125 ref.)

The CREST syndrome--successful reduction of pulmonary hypertension by captopril. Prouse PJ, et al. **Postgrad Med J** 1984 Oct;60(708):672-4

Role of prostaglandins in captopril-induced natriuresis. Conte G, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:820-4

The effects of d-propranolol and captopril on post-ischaemic acute renal failure in rats. Ishigami M, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:843-8

Monocrotaline-induced pulmonary fibrosis in rats:

amelioration by captopril and penicillamine. Molteni A, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):112-20

Temporal relationships of treatment with angiotensin converting enzyme inhibitors on the hypertension and cardiac hypertrophy in spontaneously hypertensive rats. Shapiro AP, et al. **Proc Soc Exp Biol Med** 1985 Jun; 179(2):211-8

Captopril and enalapril: angiotensin converting enzyme (ACE) inhibitors. Ferguson RK, et al. **Ration Drug Ther** 1984 Mar;18(3):1-5

Effects of captopril on the renal hemodynamics during aprotinin infusion in anesthetized dogs. Mizumura Y, et al. **Renal Physiol** 1984;7(5):299-303

Captopril-induced hyperreninemia in cholesterol-fed rabbits. Overturf ML, et al. **Res Commun Chem Pathol Pharmacol** 1985 Feb; 47(2):229-53

Captopril-induced changes on active and inactive renin in a patient with factor XII congenital deficiency. Patrassi GM, et al. **Res Exp Med (Berl)** 1985;185(3):217-20

Deterioration of renal function during angiotensin converting enzyme inhibition in hypertensive patients with a poorly functioning solitary kidney. Rasmussen S, et al. **Scand J Urol Nephrol** 1985;19(1):45-8

The use of captopril in the management of cardiac failure. Cleland JG, et al. **Scott Med J** 1984 Apr;29(2):129-30

Hypotensive effect of captopril and decreased rat uterine bradykinin receptors. Yasujima M, et al. **Tohoku J Exp Med** 1984 Oct;144(2):119-27

Captopril slows the progression of chronic renal disease in partially nephrectomized rats. Hall RL, et al. **Toxicol Appl Pharmacol** 1985 Sep 30;80(3):517-26

Usefulness of captopril in the management of hypertension after renal transplantation. Waltzer WC, et al. **Transplant Proc** 1984 Oct;16(5):1372-4

Effect of captopril and theophylline treatment on cyclosporine-induced nephrotoxicity in rats. Gerkens JF, et al. **Transplantation** 1985 Aug;40(2):213-4

Use of captopril in diagnosis of renovascular hypertension. Powell S, et al. **W Va Med J** 1985 Jun;81(6):111-4

Tissue distribution of 14C- and 35S-captopril in rats after intravenous and oral administration. Heald AF, et al. **Xenobiotica** 1985 Jan;15(1):51-6

[Treatment of congestive heart failure with captopril] Zheng DY. **Chung Hua Nei Ko Tsa Chih** 1984 Jan;23(1):5-9, 61 (Eng. Abstr.) **(Chi)**

[Separation and determination of alkaloids of Leonurus sibiricus] Luo SR. **Chung Yao Tung Pao** 1985 Jan;10(1):32-5 **(Chi)**

[Reversible renal failure due to captopril in a patient with renal artery stenosis in a solitary functioning kidney] Lynggaard F, et al. **Ugeskr Laeger** 1985 May 6; 147(19):1549-50 (Eng. Abstr.) **(Dan)**

[Raynaud's disease treated with captopril (Capoten). A randomized double-blind cross-over study] Madsen JL, et al. **Ugeskr Laeger** 1984 Sep 3;146(36):2695-7 (Eng. Abstr.) **(Dan)**

[The treatment of hypertension with captopril] Ploos van Amstel SL, et al. **Tijdschr Kindergeneeskd** 1984 Dec; 52(6):227-31 (Eng. Abstr.) **(Dut)**

[Renal insufficiency after administration of captopril in renal artery stenosis with a single kidney or bilateral stenosis is not compulsory] Durand D, et al. **Arch Mal Coeur** 1984 Oct;77(11):1272-7 (Eng. Abstr.) **(Fre)**

[Captopril treatment of arterial hypertension in children after renal transplantation] Gagnadoux MF, et al. **Arch Mal Coeur** 1984 Oct;77(11):1229-33 (Eng. Abstr.) **(Fre)**

[Renal adaptation to a restriction of sodium intake in the rat: effects of inhibition of the renin-angiotensin system] Jover B, et al. **Arch Mal Coeur** 1984 Oct;77(11):1234-7 (Eng. Abstr.) **(Fre)**

[Acute hemodynamic and coronary effects of captopril in chronic cardiac failure] Ourbak P, et al. **Arch Mal Coeur** 1984 Aug;77(8):865-71 (Eng. Abstr.) **(Fre)**

[Effect of renal insufficiency on the pharmacokinetics of captopril and converting enzyme inhibition in the hypertensive patient] Richer C, et al. **Arch Mal Coeur** 1984 Oct;77(11):1216-9 (Eng. Abstr.) **(Fre)**

[Treatment of low cardiac output following extracorporeal circulation with captopril] Girard C, et al. **Cah Anesthesiol** 1985 Jan-Feb;33(1):61-4 (Eng. Abstr.) **(Fre)**

[Voluntary poisoning with captopril (letter)] Turhan A, et al. **Presse Med** 1984 Dec 8;13(44):2707 **(Fre)**

[Acute renal insufficiency induced by captopril disclosing renal artery stenosis in a solitary kidney] Chabrier G, et al. **Rev Med Interne** 1985 Jan;6(1):58-61 **(Fre)**

[Effect of captopril on pulmonary arterial hypertension in congestive heart failure associated with chronic obstructive bronchopneumopathy] Saadjian A, et al. **Rev Pneumol Clin** 1984;40(5):321-5 (Eng. Abstr.) **(Fre)**

[Toxic hepatitis caused by captopril (letter)] Taillan B, et al. **Therapie** 1985 Jul-Aug;40(4):263 **(Fre)**

[Acute and long-term effect of captopril in severe chronic heart failure] Kikis D, et al. **Dtsch Med Wochenschr** 1985 Apr 12;110(15):583-8 (Eng. Abstr.) **(Ger)**

[Every 2d patient can be controlled with monotherapy. Multicenter study with Tensobon in general practice] Haase W. **Fortschr Med** 1985;103 Suppl 1:16-7 **(Ger)**

[Value of combination therapy with Tensobon] Lederle RM. **Fortschr Med** 1985;103 Suppl 1:6-11 **(Ger)**

[Therapy of heart failure. Value of a causal approach] Liebau G. **Fortschr Med** 1985;103 Suppl 1:12-5 **(Ger)**

[Good experiences justify high expectations] Lorenz P. **Fortschr Med** 1985;103 Suppl 1:2-5 **(Ger)**

[Subjective well-being also remains intact in combination therapy] Müller HM. **Fortschr Med** 1985;103 Suppl 1:21-2 **(Ger)**

[What promotes compliance in therapy with Tensobon?] Schrey A. **Fortschr Med** 1985;103 Suppl 1:18-20 **(Ger)**

[Modification of organ perfusion by calcium blocker and converting enzyme inhibitor in the conscious rat with heart failure] Drexler H, et al. **Klin Wochenschr** 1985 Mar 15; 63(6):262-7 (Eng. Abstr.) **(Ger)**

[Reduction of regurgitation in aortic insufficiency by inhibition of the renin-angiotensin converting enzyme] Reske SN, et al. **Nuklearmedizin** 1984 Oct;23(5):241-5 (Eng. Abstr.) **(Ger)**

[Antihypertensive pharmacotherapy with the vasodilators captopril and endralazine] Hartmann HG, et al. **Schweiz Med Wochenschr** 1985 Jul 9;115(27-28):939-44 (Eng. Abstr.) **(Ger)**

[Severe side-effects of captopril] Arcavi L, et al. **Harefuah** 1985 May 1;108(9):439-41 (Eng. Abstr.) **(Heb)**

[Ergot poisoning] Zimran A, et al. **Harefuah** 1984 Dec 16; 107(12):398-9 (Eng. Abstr.) **(Heb)**

[Nifedipine, captopril and nonsteroidal anti-inflammatory agents] Salvetti A. **Boll Soc Ital Cardiol** 1984 Sep-Oct; 29(9-10):442-3 **(Ita)**

[Clinical and diagnostic evaluation of the treatment of systemic arterial hypertension with captopril and hydrochlorothiazide] Caporicci D, et al. **Clin Ter** 1985 Apr 30;113(2):105-10 (Eng. Abstr.) **(Ita)**

[Captopril in the control of essential arterial hypertension in diabetic subjects] Ricci PD, et al. **Clin Ter** 1985 Apr 15;113(1):33-8 (Eng. Abstr.) **(Ita)**

[Hemodynamic and clinical effects of captopril in congestive heart failure] Galiè N, et al. **G Ital Cardiol** 1985 Jan; 15(1):70-9 (Eng. Abstr.) **(Ita)**

[Treatment of refractory hypertension with combined minoxidil and captopril in low doses] Palatini P, et al. **G Ital Cardiol** 1984 Jun;14(6):401-6 (Eng. Abstr.) **(Ita)**

[Long-term therapeutic efficacy of captopril in the treatment of essential and secondary hypertension] Glorioso N, et al. **Minerva Cardioangiol** 1984 Jul-Aug;32(7-8):467-71 (Eng. Abstr.) **(Ita)**

[Treatment of hypertension in the diabetic with captopril] Lanza G, et al. **Minerva Med** 1985 Feb 11;76(5):183-4 (Eng. Abstr.) **(Ita)**

[Converting enzyme inhibitors in the therapy of primary arterial hypertension] Di Veroli C, et al. **Recenti Prog Med** 1985 May;76(5):269-71 (Eng. Abstr.) **(Ita)**

[The effect of captopril in the patient with acute myocardial infarction] Tsuji H, et al. **Kokyu To Junkan** 1984 Aug; 32(8):835-9 **(Jpn)**

[Correlation of renin-angiotensin system and prostanoids system in renal circulation: dissociation of renal blood flow and glomerular filtration rate in acute alterations of renal blood pressure] Goto F. **Masui** 1984 Nov;33(11):1204-12 (Eng. Abstr.) **(Jpn)**

[Effects of captopril on renin-angiotensin-aldosterone system and kallikrein-kinin system in patients with essential hypertension] Kida O, et al. **Nippon Jinzo Gakkai Shi** 1984 Nov;26(11):1487-93 (Eng. Abstr.) **(Jpn)**

[Effects of 3 different angiotensin converting enzyme inhibitors, MK 421, SQ 14225 and SA 446 on renal function and blood pressure in patients with essential hypertension] Tajima J, et al. **Nippon Jinzo Gakkai Shi** 1984 Jun; 26(6):779-89 (Eng. Abstr.) **(Jpn)**

[Results of captopril therapy of arterial hypertension in children with terminal renal failure] Gura C, et al. **Pediatr Pol** 1985 Feb;60(2):177-85 (Eng. Abstr.) **(Pol)**

[Captopril in the treatment of severe hypertension] Chodakowska J, et al. **Pol Arch Med Wewn** 1984 Oct; 72(4):135-48 (Eng. Abstr.) **(Pol)**

[Captopril in the treatment of severe circulatory insufficiency resistant to digitalis preparations and diuretics] Wiernikowski A, et al. **Pol Tyg Lek** 1984 Dec 10; 39(50):1657-9 **(Pol)**

[Angiotensin converting enzyme inhibitors--a new group of hypotensive drugs] Lazowski J. **Wiad Lek** 1984 May 15; 37(10):792-6 (7 ref.) **(Pol)**

[Severe circulatory insufficiency in congestive cardiomyopathy treated successfully with captopril] Manitius J, et al. **Wiad Lek** 1984 Jul 15;37(14):1105-8 (Eng. Abstr.) **(Pol)**

[Treatment of mild and moderate arterial hypertension with low doses of captopril] Alves Filho G, et al. **Arq Bras Cardiol** 1984 May;42(5):377-80 (Eng. Abstr.) **(Por)**

[Efficacy and safety of low doses of captopril, alone or combined with diuretics in the treatment of mild or moderate hypertension] Castilho F, et al. **Arq Bras Cardiol** 1984 Oct;43(4):283-6 (Eng. Abstr.) **(Por)**

[Efficacy and safety of captopril in low doses, alone or combined with diuretics, in the treatment of mild or moderate arterial hypertension] Dias GC. **Arq Bras Cardiol** 1984 Aug;43(2):135-7 (Eng. Abstr.) **(Por)**

[Efficacy and safety of low doses of captopril, alone or associated with diuretics, in the treatment of mild and moderate hypertension] Hatab SA, et al. **Arq Bras Cardiol** 1984 Apr;42(4):305-9 (Eng. Abstr.) **(Por)**

[Captopril and acute renovascular hypertension. A case report] Soubihe NV, et al. **Arq Bras Cardiol** 1984 Jun; 42(6):415-7 (Eng. Abstr.) **(Por)**

[Captopril in mild or moderate systemic arterial hypertension] Spritzer N, et al. **Arq Bras Cardiol** 1984 Jun;42(6):447-50 (Eng. Abstr.) **(Por)**

[Antagonism of piracetam with proline in relation to mnestic effects] Ostrovskaia RU, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):311-4 (Eng. Abstr.) **(Rus)**

[Current aspects of the clinical effectiveness and tolerance of captopril in the treatment of cardiovascular diseases] Ol'binskaia LI, et al. **Ter Arkh** 1984;56(11):139-42 (40 ref.) **(Rus)**

[Captopril--new possibilities in the treatment of resistant essential arterial hypertension] Kušić M, et al. **Vojnosanit Pregl** 1985 Jan-Feb;42(1):10-3 (Eng. Abstr.) **(Ser)**

[Personal experience with captopril in the treatment of hypertension] Mistrík A, et al. **Vnitr Lek** 1984 Jul; 30(7):704-9 (Eng. Abstr.) **(Slo)**

[Captopril and renal transplant (letter)] Cuevas J, et al. **Med Clin (Barc)** 1985 Jan 19;84(2):82-3 **(Spa)**

[Nifedipine, captopril and labetalol--overviews on the pattern of adverse effects] **Lakartidningen** 1985 Jul 10; 82(28-29):2531-2 **(Swe)**

[Effective blood pressure reduction and few side-effects in treatment with captopril and diuretics] Nilsson O, et al. **Lakartidningen** 1985 Jun 26;82(26-27):2430-3 (Eng. Abstr.) **(Swe)**

ANALYSIS

High-performance liquid chromatographic quantitation of collagen biosynthesis in explant cultures. Stimler NP. **Anal Biochem** 1984 Oct;142(1):103-8

Synthesis of three N-nitroso dipeptides N-terminal in proline and a method for their determination in food. Tricker AR, et al. **Food Addit Contam** 1984 Oct-Dec;1(4):307-12

Hemoglobin GuiZhou or alpha 277(EF6)Pro----Arg beta 2, a new slow-moving hemoglobin variant observed in China. Liang CC, et al. **Hemoglobin** 1984;8(4):387-90

Rapid and sensitive method for the determination of proline by reversed-phase high-performance liquid chromatography with automated pre-column fluorescence derivatization. Carisano A. **J Chromatogr** 1985 Jan 4; 318(1):132-8

Quantification by selected ion monitoring of pipecolic acid, proline, gamma-aminobutyric acid and glycine in rat brain. Okano Y, et al. **J Chromatogr** 1984 Oct 12;310(2):251-9

The absolute configuration on the chiral nitrogen atom of proline residue in the metal complexes of oligopeptides. Siemion IZ, et al. **J Inorg Biochem** 1984 Oct;22(2):137-41

Bovine beta-crystallin complementary DNA clones. Alternating proline/alanine sequence of beta B1 subunit originates from a repetitive DNA sequence. Quax-Jeuken Y, et al. **J Mol Biol** 1984 Dec 15;180(3):457-72

[Determination of enzymatic catalysis for the cis-trans-isomerization of peptide binding in proline-containing peptides] Fischer G, et al. **Biomed Biochim Acta** 1984;43(10):1101-11 (Eng. Abstr.) **(Ger)**

BIOSYNTHESIS

Proline-hyperproducing strains of Serratia marcescens: enhancement of proline analog-mediated growth inhibition by increasing osmotic stress. Sugiura M, et al. **Appl Environ Microbiol** 1985 Apr;49(4):782-6

Conversion of glutamate to ornithine and proline: pyrroline-5-carboxylate, a possible modulator of arginine requirements. Jones ME. **J Nutr** 1985 Apr;115(4):509-15

BLOOD

Hyperprolinaemia and gyrate atrophy of the choroid and retina in members of the same family. Douglas EP. **Br J Ophthalmol** 1985 Aug;69(8):588-92

High-performance liquid chromatographic analysis of free hydroxyproline and proline in blood plasma and of free and peptide-bound hydroxyproline in urine. Palmerini CA, et al. **J Chromatogr** 1985 May 3;339(2):285-92

[Proline levels and collagen metabolism in patients with systemic lupus erythematosus] Jendryczko A, et al. **Przegl Lek** 1984;41(9):563-5 (Eng. Abstr.) **(Pol)**

CEREBROSPINAL FLUID

Proline in the cerebrospinal fluid of normal subjects and Alzheimer's-disease patients, as determined with a new double-labeling assay technique. Baxter CF, et al. **Biochem Med** 1984 Oct;32(2):189-98

CHEMICAL SYNTHESIS

[Synthesis of DL-[15N] proline] Jiang HC, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Aug; 6(4):305-7 (Eng. Abstr.) **(Chi)**

GENETICS

High-frequency induction by 5-azacytidine of proline independence in CHO-K1 cells. Harris M.

Somatic Cell Mol Genet 1984 Nov;10(6):615-24

ISOLATION & PURIFICATION

Analysis of pulmonary collagen production by high performance liquid chromatographic separation of radiolabeled hydroxyproline and proline. Kehrer JP, et al. **Proc West Pharmacol Soc** 1984;27:319-22

METABOLISM

[3H]tryptophan-[14C]proline dual label method for the simultaneous determination of collagen and noncollagen protein production. Flaherty M, et al. **Anal Biochem** 1984 Nov 1;142(2):386-94

Can isolated spans of the tricarboxylic acid cycle operate independently? L-proline, oleate and butyrate metabolism in rat hepatocytes. Palmer TN, et al. **Biochem Int** 1983 Apr;6(4):433-41

Effect of estradiol-17 beta on glucose and proline uptake in plasma membrane vesicles from the R3230AC rat mammary carcinoma. Feldman JM, et al. **Biochim Biophys Acta** 1985 May 30;845(2):265-71

Conformational specificity of chymotrypsin toward proline-containing substrates. Fischer G, et al. **Biochim Biophys Acta** 1984 Nov 23;791(1):87-97

Formation of long-lived hydroxyl free radical adducts of proline and hydroxyproline in a Fenton reaction. Floyd RA, et al. **Biochim Biophys Acta** 1984 Oct 9;790(1):94-7

The effect of the intracellular sodium level on the activity of amino acid transport systems L and A in SV40 3T3 cells. Petronini PG, et al. **Biochim Biophys Acta** 1985 May 28;815(3):361-8

Specificity of intestinal brush-border proline transport: cyanine dye studies. Wright EM, et al. **Biochim Biophys Acta** 1985 Aug 27;818(2):271-4

Proline, glutamate and glutamine metabolism in mouse brain synaptosomes. Johnson JL, et al. **Brain Res** 1984 Dec 10; 323(2):247-56

Nitrosoproline formation in control and antibiotic-treated rats given nitrate and proline. Mallett AK, et al. **Cancer Lett** 1984 Dec;25(2):231-5

Incorporation of radioactive proline and fucose in gastric mucosal biopsies. Correlation with histological findings. Decaëns C, et al. **Clin Physiol Biochem** 1984;2(6):269-78

Collagen-stimulating factor from embryonic brain has ascorbate-like activity and stimulates prolyl hydroxylation in cultured muscle cells. Kalcheim C, et al. **Eur J Biochem** 1985 Jan 2;146(1):227-32

The influence of prostaglandin E2 and oxytocin on the incorporation of [3H]proline and [3H]glucosamine in the human amnion. Tjugum J, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Mar;19(3):137-43

A comparison of stimulation of proline incorporation by human growth hormone and a two-chain modification. Rudman CG, et al. **Horm Metab Res** 1985 Jun;17(6):318-9

Effect of H2 blockers on intragastric nitrosation as measured by 24-hour urinary secretion of N-nitrosoproline. Elder JB, et al. **IARC Sci Publ** 1984;(57):969-74

Increased endogenous nitrosation in smokers. Ladd KF, et al. **IARC Sci Publ** 1984;(57):811-7

Dietary phenolics and betel nut extracts as modifiers of N-nitrosation in rat and man. Stich HF, et al. **IARC Sci Publ** 1984;(57):213-22

Simultaneous measurement of gastric-small intestine motility & absorption of proline in rats exposed to heat. Sharma RK. **Indian J Med Res** 1985 Mar;81:330-41

Interference by ethanol of coupling between gluconeogenesis and ureagenesis from proline in isolated hepatocytes. Davis EJ, et al. **Int J Biochem** 1985;17(6):727-9

In vitro incorporation of proline into keratoconic human corneas. Rehany U, et al. **Invest Ophthalmol Vis Sci** 1984 Nov;25(11):1254-7

Effects of bleomycin on 14C-proline uptake, its incorporation into proteins and hydroxylation in collagenous proteins of hamster lung slices. Giri SN, et al. **J Appl Toxicol** 1985 Apr;5(2):89-93

Proline uptake through the major transport system of Salmonella typhimurium is coupled to sodium ions. Cairney J, et al. **J Bacteriol** 1984 Oct;160(1):22-7

Osmotic regulation of L-proline transport in Salmonella typhimurium. Dunlap VJ, et al. **J Bacteriol** 1985 Jul; 163(1):296-304

Dentino-pulpal collagen and the incorporation of 3H-proline by sound and carious human teeth in vitro. Karjalainen S, et al. **J Biol Buccale** 1984 Dec;12(4):309-16

Identification and conformational changes of the intestinal proline carrier. Wright EM, et al. **J Biol Chem** 1984 Dec 25;259(24):14993-6

Active transport of proline by Coxiella burnetii. Hendrix L, et al. **J Gen Microbiol** 1984 Nov;130 (Pt 11):2857-63

Na+ (Li+)-proline cotransport in Escherichia coli. Chen CC, et al. **J Membr Biol** 1985;84(2):157-64

Slow orthograde axonal transport of radiolabelled protein in sciatic motoneurones of rats with short-term experimental diabetes: effects of treatment with an aldose reductase inhibitor or myo-inositol. Mayer JH, et al. **J Neurochem** 1984 Nov;43(5):1265-70

The orthograde flow of tritiated proline in corticospinal neurons at various ages and after spinal cord injury. Feringa ER, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep; 47(9):917-20

The effect of colchicine on translocation of incorporated [3H] proline in Hymenolepis diminuta. Etges DJ, et al. **J Parasitol** 1985 Jun;71(3):290-6

Primary structure of the nuclear PUT2 gene involved in the mitochondrial pathway for proline utilization in Saccharomyces cerevisiae. Krzywicki KA, et al. **Mol Cell Biol** 1984 Dec;4(12):2837-42

High proline levels in the brains of mice as related to specific learning deficits. Baxter CF, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):1053-9

Protonmotive force-driven active transport of D-glucose and L-proline in the protozoan parasite Leishmania donovani. Zilberstein D, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1716-20

PHARMACODYNAMICS

Catalysis of the covalent binding of 3-hydroxyamino-1-methyl-5H-pyrido[4,3-b]indole to DNA by a L-proline- and adenosine triphosphate-dependent enzyme in rat hepatic cytosol. Yamazoe Y, et al. **Cancer Res** 1985 Jun;45(6):2495-500

Membrane stabilization during freezing: the role of two natural cryoprotectants, trehalose and proline. Rudolph AS, et al. **Cryobiology** 1985 Aug;22(4):367-77

Fasciola hepatica: collagen deposition and other histopathology in the rat host's bile duct caused by the parasite and by proline infusion. Modavi S, et al. **Exp Parasitol** 1984 Dec;58(3):239-44

Proline is required for the stimulation of DNA synthesis in hepatocyte cultures by EGF. Houck KA, et al. **In Vitro Cell Dev Biol** 1985 Feb;21(2):121-4

Promotion of tick cell growth by proline and fractions from tick eggs. Samish M, et al. **Int J Parasitol** 1985 Feb; 15(1):21-6

PHYSIOLOGY

The regulatory functions of proline and pyrroline-5-carboxylic acid. Phang JM. **Curr Top Cell Regul** 1985;25:91-132 (123 ref.)

THERAPEUTIC USE

Clinical trials of vitamin B6 and proline supplementation for gyrate atrophy of the choroid and retina. Hayasaka S, et al. **Br J Ophthalmol** 1985 Apr;69(4):283-90

PROLINE HYDROXYLASE

Structural studies on prolyl hydroxylase. Conformation from circular dichroism spectroscopy. Chopra RK, et al. **Biochem Int** 1983 Oct;7(4):415-21

ANALYSIS

A paradoxical effect of hydralazine on prolyl and lysyl hydroxylase activities in cultured human skin fibroblasts. Murad S, et al. **Arch Biochem Biophys** 1985 Sep; 241(2):356-63

ANTAGONISTS & INHIBITORS

Differences between collagen hydroxylases and 2-oxoglutarate dehydrogenase in their inhibition by structural analogues of 2-oxoglutarate. Majamaa K, et al. **Biochem J** 1985 Jul 1;229(1):127-33

Effects of prolyl hydroxylase inhibition on arterial collagen synthesis and blood pressure in hypertensive rats. Fukumoto M, et al. **Pharmacology** 1984;29(5):255-63

BIOSYNTHESIS

Prolyl hydroxylase production can be uncoupled from the regulation of procollagen synthesis. Kao WW, et al. **Exp Cell Res** 1985 Mar;157(1):265-70

BLOOD

[Non-isotopic method of determining prolylhydroxylase activity in the blood] Mansurova ID, et al. **Lab Delo** 1984; (7):392-5 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Human prolyl hydroxylase. Purification, radioimmunoassay and clinical studies in liver diseases. Nagai Y, et al. **Gastroenterol Jpn** 1985 Feb;20(1):53-64

METABOLISM

The stimulatory effect of platelet homogenate on prolyl hydroxylase activity in L-929 cells. Pawlicka E, et al. **Acta Biochim Pol** 1984;31(4):465-71

Cysteinyl-cysteine and the microsomal protein from which it is derived act as reducing cofactor for prolyl hydroxylase. Chauhan U, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):277-83

Prostaglandin E2 stimulates collagen and non-collagen protein synthesis and prolyl hydroxylase activity in osteoblastic clone MC3T3-E1 cells. Hakeda Y, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):340-5

Measurements of enzymes of collagen synthesis in rats with experimental silicosis. Poole A. **Br J Exp Pathol** 1985 Feb; 66(1):89-94

Regulation of prolyl hydroxylase activity in L-929 cells by mechanisms unrelated to glycolytic metabolism. Peterkofsky B, et al. **Coll Relat Res** 1984 Oct;4(5):365-76

PROLINE OXIDASE see under **AMINE OXIDOREDUCTASES**

PROLINE,2-OXOGLUTARATE DIOXYGENASE see **PROLINE HYDROXYLASE**

PROLONGED-ACTION PREPARATIONS see **DELAYED-ACTION PREPARATIONS**

PROLYL-LEUCYL-GLYCINAMIDE see **MSH RELEASE INHIBITING HORMONE**

PROMAZINE

ANALOGS & DERIVATIVES

Termination sites of the in vitro DNA synthesis on single-stranded DNA photosensitized by promazines. Merville MP, et al. **J Biol Chem** 1984 Dec 25; 259(24):15069-77

[Use of a propionylpromazine and meperidine combination in thiopental sodium anesthesia in horses] Deppe R, et al. **Zentralbl Veterinarmed** [A] 1985 Jan;32(1):59-67 (Eng. Abstr.) **(Spa)**

PHARMACODYNAMICS

Effects of chlorpromazine and promazine on the perception of some multi-stable visual figures. Phillipson OT, et al. **Q J Exp Psychol** [A] 1984 May;36(2):291-308

TOXICITY

Induction of breaks in deoxyribonucleic acid by photoexcited promazine derivatives. Decuyper J, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):4025-31

PROMEDOL see under **MEPERIDINE**

PROMETHAZINE

Stability of meperidine hydrochloride, promethazine hydrochloride, and atropine sulfate in plastic syringes. Rhodes RS, et al. **Am J Hosp Pharm** 1985 Jan;42(1):112-5

ADMINISTRATION & DOSAGE

Rectal diazepam compared to intramuscular pethidine/promethazine/chlorpromazine with regard to gastric contents in paediatric anaesthesia. Blom H, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):652-3

ADVERSE EFFECTS

The 'lytic cocktail' induces recurrence of fits in the treatment of eclampsia [letter] El-Kadre D. **Am J Obstet Gynecol** 1985 Jan 1;151(1):143-5

Effects of some motion sickness suppressants on static and dynamic tracking performance. Schroeder DJ, et al. **Aviat Space Environ Med** 1985 Apr;56(4):344-50

Adverse effects of meperidine, promethazine, and chlorpromazine for sedation in pediatric patients. Nahata MC, et al. **Clin Pediatr (Phila)** 1985 Oct;24(10):558-60

ANALOGS & DERIVATIVES

The comparative bronchodilator properties of alkyl quaternary salts of promethazine. Lewis AJ, et al. **Int Arch Allergy Appl Immunol** 1984;75(3):282-3

ANALYSIS

Degradation products of the promethazine radical cation. De Mol NJ, et al. **Pharm Weekbl [Sci]** 1985 Jun 21;7(3):121-4

[Determination of aminophylline and promethazine in suppositories] Senf HJ. **Pharmazie** 1985 May;40(5):331-2 (Eng. Abstr.) **(Ger)**

BLOOD

Determination of promethazine in human plasma by automated high-performance liquid chromatography with electrochemical detection and by gas chromatography-mass spectrometry. Leelavathi DE, et al. **J Chromatogr** 1985 Apr 12;339(1):105-15

METABOLISM

Changes in the disposition of promethazine during multiple dosing in the rabbit. Taylor G, et al. **J Pharm Pharmacol** 1985 Apr;37(4):243-7

PHARMACODYNAMICS

Suppression of endotoxin-induced corticosterone secretion in rats by H1-antihistamine. Suzuki S, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E26-30

Maternal blood pressure response to the intravenous administration of pethidine-promethazine during labor. Ron M, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Sep; 18(1-2):25-8

Promethazine both facilitates and inhibits nociception in rats: effect of the testing procedure. Paalzow GH, et al. **Psychopharmacology (Berlin)** 1985;85(1):31-6

Effect of promethazine and isosafrole on rat-hepatic microsomal mono-oxygenase activity: comparison with classic inducers phenobarbitone and beta-naphthoflavone. Taylor G, et al. **Xenobiotica** 1985 Mar;15(3):243-9

POISONING

Nyquil and acute hepatic necrosis [letter] Fleckenstein JL. **N Engl J Med** 1985 Jul 4;313(1):48

[Attempted suicide with barbiturate after glue sniffing] Sami HO, et al. **Orv Hetil** 1985 Mar 31;126(13):781–3 (Eng. Abstr.) **(Hun)**

THERAPEUTIC USE

Comparison of the antiemetics metoclopramide and promethazine in labour. Vella L, et al. **Br Med J [Clin Res]** 1985 Apr 20;290(6476):1173–5

Promethazine or DPPD pretreatment attenuates oleic acid–induced injury in isolated canine lungs. Townsley MI, et al. **J Appl Physiol** 1985 Jul;59(1):39–46

Diazepam, promethazine and propiomazine as hypnotics in elderly inpatients. Viukari M, et al. **Neuropsychobiology** 1984;12(2–3):134–7

PROMETHIUM

Radiation protection in a luminous dial factory using 147Pm as a joint effort between industry and an academic institution. Weng PS, et al. **Health Phys** 1984 Dec;47(6):879–86

METABOLISM

Utility of excretion data for estimation of 147Pm body burdens of dial painters [letter] Dunlap JH. **Health Phys** 1984 Aug;47(2):324–8

[Distribution of 147Pm in bones and central nervous system in rats] Zhu SP, et al. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar;6(1):71–3 (Eng. Abstr.) **(Chi)**

PROMETRYNE see under **HERBICIDES, TRIAZINE**

PROMOTER REGIONS (GENETICS)

Mechanism and control of transcription initiation in prokaryotes. McClure WR. **Annu Rev Biochem** 1985;54:171–204 (200 ref.)

Conformation and dynamics of the Pribnow box region of the self–complementary d(C–G–A–T–T–A–T–A–A–T–C–G) duplex in solution. Patel DJ, et al. **Biochemistry** 1985 Feb 12;24(4):936–44

Conformation, dynamics, and structural transitions of the TATA box region of self–complementary d[(C–G)n–T–A–T–A–(C–G)n] duplexes in solution. Patel DJ, et al. **Biochemistry** 1985 Feb 12;24(4):926–35

Conformational change in the DNA associated with an unusual promoter mutation in a tRNA operon of Salmonella. Bossi L, et al. **Cell** 1984 Dec;39(3 Pt 2):643–52

The major promoter element of rRNA transcription in yeast lies 2 kb upstream. Elion EA, et al. **Cell** 1984 Dec;39(3 Pt 2):663–73

Genes with promoters in retrovirus vectors can be independently suppressed by an epigenetic mechanism. Emerman M, et al. **Cell** 1984 Dec;39(3 Pt 2):449–67

Negative regulation of viral enhancers in undifferentiated embryonic stem cells. Gorman CM, et al. **Cell** 1985 Sep;42(2):519–26

Phage lambda gene Q antiterminator recognizes RNA polymerase near the promoter and accelerates it through a pause site. Grayhack EJ, et al. **Cell** 1985 Aug;42(1):259–69

Cell–type specificity of immunoglobulin gene expression is regulated by at least three DNA sequence elements. Grosschedl R, et al. **Cell** 1985 Jul;41(3):885–97

N4 virion RNA polymerase sites of transcription initiation. Haynes LL, et al. **Cell** 1985 Jun;41(2):597–605

Characterization of Drosophila transcription factors that activate the tandem promoters of the alcohol dehydrogenase gene. Heberlein U, et al. **Cell** 1985 Jul;41(3):965–77

Two distinct transcription factors bind to the HSV thymidine kinase promoter in vitro. Jones KA, et al. **Cell** 1985 Sep;42(2):559–72

Stringent control of bacterial transcription. Lamond AI, et al. **Cell** 1985 May;41(1):6–8 (21 ref.)

Dual promoter control of the Escherichia coli lactose operon. Malan TP, et al. **Cell** 1984 Nov;39(1):173–80

Transcription cell type specificity is conferred by an immunoglobulin VH gene promoter that includes a functional consensus sequence. Mason JO, et al. **Cell** 1985 Jun;41(2):479–87

At least 1400 base pairs of 5'–flanking DNA is required for the correct expression of the HO gene in yeast. Nasmyth K. **Cell** 1985 Aug;42(1):213–23

A repetitive DNA sequence that confers cell–cycle START (CDC28)–dependent transcription of the HO gene in yeast. Nasmyth K. **Cell** 1985 Aug;42(1):225–35

c–erbB activation in ALV–induced erythroblastosis: novel RNA processing and promoter insertion result in expression of an amino–truncated EGF receptor. Nilsen TW, et al. **Cell** 1985 Jul;41(3):719–26

5' end of HMG CoA reductase gene contains sequences responsible for cholesterol–mediated inhibition of transcription. Osborne TF, et al. **Cell** 1985 Aug;42(1):203–12

Transcriptional block caused by a negative supercoiling induced structural change in an alternating CG sequence. Peck LJ, et al. **Cell** 1985 Jan;40(1):129–37

The location of cis–acting regulatory sequences in the human T cell lymphotropic virus type III (HTLV–III/LAV) long terminal repeat. Rosen CA, et al. **Cell** 1985 Jul;41(3):813–23

A 46–nucleotide promoter segment from an IFN–alpha gene renders an unrelated promoter inducible by virus. Ryals J, et al. **Cell** 1985 Jun;41(2):497–507

Sequences required for in vitro transcriptional activation of a Drosophila hsp 70 gene. Topol J, et al. **Cell** 1985 Sep;42(2):527–37

Identification by exonuclease footprinting of a distal promoter–binding protein from HeLa cell extracts. Elbrecht A, et al. **DNA** 1985 Jun;4(3):233–40

Structural and functional evidence for differential promoter activity of the two linked delta–crystallin genes in the chicken. Borrás T, et al. **EMBO J** 1985 Feb;4(2):445–52

The nucleotide sequences recognized by the glucocorticoid receptor in the rabbit uteroglobin gene region are located far upstream from the initiation of transcription. Cato AC, et al. **EMBO J** 1984 Dec 1;3(12):2771–8

Modular structure of the beta–globin and the TK promoters. Cochran MD, et al. **EMBO J** 1984 Nov;3(11):2453–9

Identification and mutational analysis of the promoter for a spinach chloroplast transfer RNA gene. Gruissem W, et al. **EMBO J** 1985 Jul;4(7):1637–44

Transcription from maize storage protein gene promoters in yeast. Langridge P, et al. **EMBO J** 1984 Nov;3(11):2467–71

Transcription of the TOL plasmid toluate catabolic pathway operon of Pseudomonas putida is determined by a pair of co–ordinately and positively regulated overlapping promoters. Mermod N, et al. **EMBO J** 1984 Nov;3(11):2461–6

Adenosine deaminase: characterization and expression of a gene with a remarkable promoter. Valerio D, et al. **EMBO J** 1985 Feb;4(2):437–43

Transfer of genes into embryonal carcinoma cells by retrovirus infection: efficient expression from an internal promoter. Wagner EF, et al. **EMBO J** 1985 Mar;4(3):663–6

The adenovirus–2 early EIIa transcription unit possesses two overlapping promoters with different sequence requirements for EIa–dependent stimulation. Zajchowski DA, et al. **EMBO J** 1985 May;4(5):1293–300

Consensus symmetry pattern in E. coli promoter sequences. Pivec L, et al. **Folia Biol (Praha)** 1985;31(3):213–34

Expression of heterologous genes in Saccharomyces cerevisiae from vectors utilizing the glyceraldehyde–3–phosphate dehydrogenase gene promoter. Bitter GA, et al. **Gene** 1984 Dec;32(3):263–74

Cloning of aroG, the gene coding for phospho–2–keto–3–deoxy–heptonate aldolase(phe), in Escherichia coli K–12, and subcloning of the aroG promoter and operator in a promoter–detecting plasmid. Davies WD, et al. **Gene** 1985;33(3):323–31

Thermo–inducible gene expression in Bacillus subtilis using transcriptional regulatory elements from temperate phage phi 105. Dhaese P, et al. **Gene** 1984 Dec;32(1–2):181–94

CII–dependent activation of the pRE promoter of coliphage lambda fused to the Escherichia coli galK gene. Fien K, et al. **Gene** 1984 Dec;32(1–2):141–50

Isolation of sigma–28–specific promoters from Bacillus subtilis DNA. Gilman MZ, et al. **Gene** 1984 Dec;32(1–2):11–20

Regulation of Mu transposition. II. The escherichia coli HimD protein positively controls two repressor promoters and the early promoter of bacteriophage Mu. Goosen N, et al. **Gene** 1984 Dec;32(3):419–26

Role of DNA regions flanking the tryptophan promoter of Escherichia coli. II. Insertion of lac operator fragments. Herrin GL Jr, et al. **Gene** 1984 Dec;32(3):349–56

Nucleotide sequence of the promoter region of the xylDEGF operon on TOL plasmid of Pseudomonas putida. Inouye S, et al. **Gene** 1984 Sep;29(3):323–30

The Nicotiana chloroplast genome. IX. Identification of regions active as prokaryotic promoters in Escherichia coli. Kong XF, et al. **Gene** 1984 Nov;31(1–3):23–30

Mutants of the lac promoter with large insertions and deletions between the CAP binding site and the –35 region. Mandecki W, et al. **Gene** 1984 Nov;31(1–3):263–7

Improved plasmid vectors for the isolation of translational lac gene fusions. Minton NP. **Gene** 1984 Nov;31(1–3):269–73

Role of DNA regions flanking the tryptophan promoter of Escherichia coli. I. Insertion of synthetic oligonucleotides. Russell DR, et al. **Gene** 1984 Dec;32(3):337–48

Nucleotide sequence of a major class–III phage–T3 RNA–polymerase promoter located at 98.0% of phage–T3 genetic map. Sarkar P, et al. **Gene** 1985;33(3):351–5

Sequence of the promoter region of the gene for human X–linked 3–phosphoglycerate kinase] Singer–Sam J, et al. **Gene** 1984 Dec;32(3):409–17

Deletion analysis of a bacteriophage T4 late promoter. Völker TA, et al. **Gene** 1985;33(2):207–13

The promoter of the long terminal repeat of feline leukemia virus is effective for expression of a mouse H–2 histocompatibility gene in mouse and human cells. Wong TC, et al. **Gene** 1985;34(1):27–38

Mutations that improve the ant promoter of Salmonella phage P22. Graña D, et al. **Genetics** 1985 May;110(1):1–16

Functional analysis of the mouse H–2Kb gene promoter in embryonal carcinoma cells. Daniel–Vedele F, et al. **Immunogenetics** 1985;21(6):601–11

Promoter mapping and transcriptional regulation of the iron assimilation system of plasmid ColV–K30 in Escherichia coli K–12. Bindereif A, et al. **J Bacteriol** 1985 Jun;162(3):1039–46

Regulatory region of the heat shock–inducible capR (lon) gene: DNA and protein sequences. Gayda RC, et al. **J Bacteriol** 1985 Apr;162(1):271–5

Unusual organization of the ilvIH promoter of Escherichia coli. Haughn GW, et al. **J Bacteriol** 1985 Jul;163(1):186–98

Mutational analysis of the Klebsiella pneumoniae nitrogenase promoter: sequences essential for positive control by nifA and ntrC (glnG) products. Ow DW, et al. **J Bacteriol** 1985 Mar;161(3):868–74

Essential and nonessential sequences in malPp, a positively controlled promoter in Escherichia coli. Raibaud O, et al. **J Bacteriol** 1985 Mar;161(3):1201–8

Mutations that affect utilization of a promoter in stationary–phase Bacillus subtilis. Ray C, et al. **J Bacteriol** 1985 Aug;163(2):610–4

Evidence for an internal promoter in the Escherichia coli threonine operon. Saint Girons I, et al. **J Bacteriol** 1985 Jan;161(1):461–2

Inhibitory effect of high–level transcription of the bacteriophage lambda nutL region on transcription of rRNA in Escherichia coli. Sharrock RA, et al. **J Bacteriol** 1985 Aug;163(2):704–8

Nucleotide sequence and promoter region for the neutral protease gene from Bacillus stearothermophilus. Takagi M, et al. **J Bacteriol** 1985 Sep;163(3):824–31

Bacillus subtilis sigma 28 and Escherichia coli sigma 32 (htpR) are minor sigma factors that display an overlapping promoter specificity. Briat JF, et al. **J Biol Chem** 1985 Feb 25;260(4):2038–41

Fine structural analysis of the human pro–alpha 1 (I) collagen gene. Promoter structure, AluI repeats, and polymorphic transcripts. Chu ML, et al. **J Biol Chem** 1985 Feb 25;260(4):2315–20

A transcription factor required for promoter recognition by human mitochondrial RNA polymerase. Accurate initiation at the heavy– and light–strand promoters dissected and reconstituted in vitro. Fisher RP, et al. **J Biol Chem** 1985 Sep 15;260(20):11330–8

Functional and physical characterization of transcription initiation complexes in the bacteriophage lambda OR region. Hawley DK, et al. **J Biol Chem** 1985 Jul 15;260(14):8618–26

Heterogeneity at the 5' termini of mouse dihydrofolate reductase mRNAs. Evidence for multiple promoter regions. McGrogan M, et al. **J Biol Chem** 1985 Feb 25;260(4):2307–14

Identification of multiple sites in the promoter region of the Tetrahymena pyriformis rRNA gene which bind the Escherichia coli catabolite regulatory protein. Niles EG. **J Biol Chem** 1985 Jan 10;260(1):672–8

Analysis of a major human chorionic somatomammotropin gene. Evidence for two functional promoter elements. Selby MJ, et al. **J Biol Chem** 1984 Nov 10;259(21):13131–8

Only the promoter region of the constitutively expressed normal and amplified human dihydrofolate reductase gene is DNase I hypersensitive and undermethylated. Shimada T, et al. **J Biol Chem** 1985 Feb 25;260(4):2468–74

Characterization of an RNA polymerase activity from HeLa cell mitochondria, which initiates transcription at the heavy strand rRNA promoter and the light strand promoter in human mitochondrial DNA. Shuey DJ, et al. **J Biol Chem** 1985 Feb 10;260(3):1952–8

The expression of major histocompatibility antigens under metallothionein gene promoter control. Weis JH, et al. **J Immunol** 1985 Mar;134(3):1999–2003

Identification of the promoter of the Pseudomonas gene coding for carboxypeptidase G2. Minton NP, et al. **J Mol Appl Genet** 1985;3(1):26–35

Internal promoter elements of transfer RNA genes are preferentially exposed in chromatin. DeLotto R, et al. **J Mol Biol** 1984 Nov 15;179(4):607–28

Complementary relationship between repetitive sequences in the SV40 early gene pre–promoter enhancing region and big–T antigen splice junction exons. Burnett L, et al. **J Theor Biol** 1984 Oct 21;110(4):533–40

Isolation of a polyomavirus with an insertion of foreign DNA in the early gene promoter region. Clark KL, et al. **J Virol** 1984 Dec;52(3):1032–5

In vitro mutagenesis of the promoter region for a vaccinia virus gene: evidence for tandem early and late regulatory signals. Cochran MA, et al. **J Virol** 1985 Apr;53(4):30–7

Virus–induced modification of the host cell is required for expression of the bacterial chloramphenicol acetyltransferase gene controlled by a late herpes simplex virus promoter (VP5). Costa RH, et al. **J Virol** 1985 Oct;56(1):19–30

Transcriptional activity of avian retroviral long terminal repeats directly correlates with enhancer activity. Cullen BR, et al. **J Virol** 1985 Feb;53(2):515–21

Positive and negative control sequences within the distal domain of the adenovirus IVa2 promoter overlap with the major late promoter. Natarajan V, et al. **J Virol** 1985 Jul;55(1):10–5

Expression of recombinant genes containing herpes simplex virus delayed–early and immediate–early regulatory regions and trans activation by herpesvirus infection. O'Hare P, et al. **J Virol** 1984 Nov;52(2):522–31

Evidence for a direct role for both the 175,000– and 110,000–molecular–weight immediate–early proteins of herpes simplex virus in the transactivation of delayed–early promoters. O'Hare P, et al. **J Virol** 1985 Mar;53(3):751–60

Generation of glucocorticoid-responsive Moloney murine leukemia virus by insertion of regulatory sequences from murine mammary tumor virus into the long terminal repeat. Overhauser J, et al. **J Virol** 1985 Apr;53(4):133–44

trans-Activation of parvovirus P38 promoter by the 76K noncapsid protein. Rhode SL 3d. **J Virol** 1985 Sep;55(3):886–9

Regulation of cytomegalovirus gene expression: alpha and beta promoters are trans activated by viral functions in permissive human fibroblasts. Spaete RR, et al. **J Virol** 1985 Oct;56(1):135–43

Activation of the major immediate early gene of human cytomegalovirus by cis-acting elements in the promoter-regulatory sequence and by virus-specific trans-acting components. Stinski MF, et al. **J Virol** 1985 Aug;55(2):431–41

Both trans-acting factors and chromatin structure are involved in the regulation of transcription from the early and late promoters in simian virus 40 chromosomes. Tack LC, et al. **J Virol** 1985 Apr;53(4):207–18

Naturally occurring BK virus variants (JL and Dik) with deletions in the putative early enhancer-promoter sequences. ter Schegget J, et al. **J Virol** 1985 Jan;53(1):302–5

A transcription termination signal immediately precedes the coding sequence for the chloramphenicol-inducible plasmid gene cat-86. Ambulos NP Jr, et al. **MGG** 1985;199(1):70–5

Characterization of mutations that lie in the promoter-regulatory region for glnA, the structural gene encoding glutamine synthetase. McCarter L, et al. **MGG** 1984;197(1):150–60

In vivo transcription from deletion mutations introduced near Escherichia coli ribosomal RNA promoter P2. Thayer GC, et al. **MGG** 1985;199(1):55–8

DNA sequences specifying the transcription of the streptococcal kanamycin resistance gene in Escherichia coli and Bacillus subtilis. Trieu-Cuot P, et al. **MGG** 1985;198(2):348–52

Transient gene expression control: effects of transfected DNA stability and trans-activation by viral early proteins. Alwine JC. **Mol Cell Biol** 1985 May;5(5):1034–42

The heat shock consensus sequence is not sufficient for hsp70 gene expression in Drosophila melanogaster. Amin J, et al. **Mol Cell Biol** 1985 Jan;5(1):197–203

Orientation-dependent transcriptional activator upstream of a human U2 snRNA gene. Ares M Jr, et al. **Mol Cell Biol** 1985 Jul;5(7):1560–70

Structure of the promoter of the Dictyostelium discoideum prespore EB4 gene. Barklis E, et al. **Mol Cell Biol** 1985 Jun;5(6):1465–72

Complex regulation of simian virus 40 early-region transcription from different overlapping promoters. Buchman AR, et al. **Mol Cell Biol** 1984 Sep;4(9):1900–14

High-resolution mapping of DNase I-hypersensitive sites of Drosophila heat shock genes in Drosophila melanogaster and Saccharomyces cerevisiae. Costlow N, et al. **Mol Cell Biol** 1984 Sep;4(9):1853–63

Functional analysis of the transcription control region located within the avian retroviral long terminal repeat. Cullen BR, et al. **Mol Cell Biol** 1985 Mar;5(3):438–47

Eucaryotic transcription complexes are specifically associated in large sedimentable structures: rapid isolation of polymerase I, II, and III transcription factors. Culotta VC, et al. **Mol Cell Biol** 1985 Jul;5(7):1582–90

Identification of promoter elements necessary for transcriptional regulation of a human histone H4 gene in vitro. Hanly SM, et al. **Mol Cell Biol** 1985 Feb;5(2):380–9

Transcription from the polyoma late promoter in cells stably transformed by chimeric plasmids. Kern FG, et al. **Mol Cell Biol** 1985 Apr;5(4):797–807

Amplification and expression of human alpha-globin genes in Chinese hamster ovary cells. Lau YF, et al. **Mol Cell Biol** 1984 Aug;4(8):1469–75

Purification and characterization of a transcription factor that confers promoter specificity to human RNA polymerase I. Learned RM, et al. **Mol Cell Biol** 1985 Jun;5(6):1358–69

A complex control region of the mouse rRNA gene directs accurate initiation by RNA polymerase I. Miller KG, et al. **Mol Cell Biol** 1985 Mar;5(3):554–62

Characterization of a surrogate TATA box promoter that regulates in vitro transcription of the simian virus 40 major late gene. Nandi A, et al. **Mol Cell Biol** 1985 Mar;5(3):591–4

Building a metal-responsive promoter with synthetic regulatory elements. Searle PF, et al. **Mol Cell Biol** 1985 Jun;5(6):1480–9

gamma 2-Thymidine kinase chimeras are identically transcribed but regulated a gamma 2 genes in herpes simplex virus genomes and as beta genes in cell genomes. Silver S, et al. **Mol Cell Biol** 1985 Mar;5(3):518–28

A point mutation in the A gamma-globin gene promoter in Greek hereditary persistence of fetal haemoglobin. Collins FS, et al. **Nature** 1985 Jan 24–30;313(6000):325–6

An immunoglobulin promoter displays cell-type specificity independently of the enhancer. Foster J, et al. **Nature** 1985 May 30–Jun 5;315(6018):423–5

Multiple specific contacts between a mammalian transcription factor and its cognate promoters. Gidoni D, et al. **Nature** 1984 Nov 29–Dec 5;312(5993):409–13

Sp1 binds to promoter sequences and activates herpes simplex virus 'immediate-early' gene transcription in vitro. Jones KA, et al. **Nature** 1985 Sep 12–18;317(6033):179–82

Repression of simian virus 40 early transcription by viral DNA replication in human 293 cells. Lewis ED, et al. **Nature** 1985 Sep 12–18;317(6033):172–5

An enhancer-like sequence within the Xenopus U2 gene promoter facilitates the formation of stable transcription complexes. Mattaj IW, et al. **Nature** 1985 Jul 11–17;316(6024):163–7

Identification of DNA sequences required for activity of the cauliflower mosaic virus 35S promoter. Odell JT, et al. **Nature** 1985 Feb 28–Mar 6;313(6005):810–2

Plant-inducible virulence promoter of the Agrobacterium tumefaciens Ti plasmid. Okker RJ, et al. **Nature** 1984 Dec 6–12;312(5994):564–6

Utilization of one promoter by two forms of RNA polymerase from Bacillus subtilis. Tatti KM, et al. **Nature** 1985 Mar 14–20;314(6007):190–2

Glucocorticoid and progesterone receptors bind to the same sites in two hormonally regulated promoters. von der Ahe D, et al. **Nature** 1985 Feb 21–27;313(6004):706–9

Adenovirus mutants with DNA sequence perturbations in the intragenic promoter of VAI RNA gene allow the enhanced transcription of VAII RNA gene in HeLa cells. Bhat RA, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7377–88

The adenovirus major late promoter TATA box and initiation site are both necessary for transcription in vitro. Concino MF, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7423–33

Analysis of the promoter region and the N-propeptide domain of the human pro alpha 2(I) collagen gene. Dickson LA, et al. **Nucleic Acids Res** 1985 May 24;13(10):3427–38

Tandem promoters determine regulation of the Klebsiella pneumoniae glutamine synthetase (glnA) gene. Dixon R. **Nucleic Acids Res** 1984 Oct 25;12(20):7811–30

Chloroplast promoter driven expression of the chloramphenicol acetyl transferase gene in a cyanobacterium. Dzelzkalns VA, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):8917–25

S1-hypersensitive sites in eukaryotic promoter regions. Evans T, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8043–58

Oligonucleotides complementary to a promoter over the region -8...+2 as transcription primers for E. coli RNA polymerase. Grachev MA, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8509–24

Promoter analysis of the phosphoenolpyruvate carboxylase gene of Escherichia coli. Izui K, et al. **Nucleic Acids Res** 1985 Jan 11;13(1):59–71

Presence of a limited number of essential nucleotides in the promoter region of mouse ribosomal RNA gene. Kishimoto T, et al. **Nucleic Acids Res** 1985 May 24;13(10):3515–32

Transcriptional analysis of the adenovirus-5 EIII promoter: absence of sequence specificity for stimulation by EIa gene products. Leff T, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1209–21

Organization of the GAL1-GAL10 intergenic control region chromatin. Lohr D. **Nucleic Acids Res** 1984 Nov 26;12(22):8457–74

Single stranded DNA SP6 promoter plasmids for engineering mutant RNAs and proteins: synthesis of a 'stretched' preproparathyroid hormone. Mead DA, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1103–18

Stimulation of in vitro transcription by the upstream element of the adenovirus-2 major late promoter involves a specific factor. Miyamoto NG, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):8779–99

Translocation affects normal c-myc promoter usage and activates fifteen cryptic c-myc transcription starts in plasmacytoma M603. Prehn J, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):8987–9007

Conservation of nif- and species-specific domains within repeated promoter sequences from fast-growing Rhizobium species. Schofield PR, et al. **Nucleic Acids Res** 1985 May 24;13(10):3407–18

Structure of a Neurospora RNA polymerase I promoter defined by transcription in vitro with homologous extracts. Tyler BM, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4311–32

The mac promoters: functional hybrid promoters activated by the malT product and repressed by the lacI product. Vidal-Ingigliardi D, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1163–72

Generation and functional analyses for base-substitution mutants of the adenovirus 2 major late promoter. Yu YT, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9309–21

Transgenic mice containing growth hormone fusion genes. Brinster RL, et al. **Philos Trans R Soc Lond [Biol]** 1984 Dec 4;307(1132):309–12

Construction and functional analysis of a series of synthetic RNA polymerase III promoters. Murphy MH, et al. **Philos Trans R Soc Lond [Biol]** 1984 Dec 4;307(1132):283–91

Transcription signals in a region essential for replication of plasmid R6K. Shafferman A, et al. **Plasmid** 1985 Jan;13(1):51–8

Characterization of a yeast mitochondrial promoter by deletion mutagenesis. Biswas TK, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):1954–8

Specific protein binding to far upstream activating sequences in polymerase II promoters. Bram RJ, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):43–7

Regulation of ribosomal RNA promoters with a synthetic lac operator. Brosius J, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6929–33

Transcription factor Sp1 recognizes promoter sequences from the monkey genome that are simian virus 40 promoter. Dynan WS, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4915–9

Opposite-strand RNAs from the 5' flanking region of the mouse dihydrofolate reductase gene. Farnham PJ, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):3978–82

Upstream activation sites of the CYC1 gene of Saccharomyces cerevisiae are active when inverted but not when placed downstream of the 'TATA box'. Guarente L, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7860–4

Antitermination by both the promoter and the leader regions of an Escherichia coli ribosomal RNA operon. Holben WE, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5073–7

A cII-dependent promoter is located within the Q gene of bacteriophage lambda. Hoopes BC, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3134–8

Characterization and sequence of the promoter region of the human epidermal growth factor receptor gene. Ishii S, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4920–4

Translation activates the paused transcription complex and restores transcription of the trp operon leader region. Landick R, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4663–7

Regulation of aspartate transcarbamoylase synthesis in Escherichia coli: analysis of deletion mutations in the promoter region of the pyrBI operon. Levin HL, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4643–7

Transcription of Drosophila small hsp-tk hybrid genes is induced by heat shock and by ecdysterone in transfected Drosophila cells. Morganelli CM, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5865–9

Maximizing gene expression from plasmid vectors containing the lambda PL promoter: strategies for overproducing transcription termination factor rho. Mott JE, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):88–92

Proximal and distal domains that control in vitro transcription of the adenovirus IVa2 gene. Natarajan V, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6290–4

Torsional stress induces an S1 nuclease-hypersensitive site within the promoter of the Xenopus laevis oocyte-type 5S RNA gene. Reynolds WF, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4018–22

Regulation of expression from the glnA promoter of Bacillus subtilis requires the glnA gene product. Schreier HJ, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3375–9

Kinetic analysis of mutations affecting the cII activation site at the PRE promoter of bacteriophage lambda. Shih MC, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6432–6

Characterization of the Bacillus subtilis tryptophan promoter region. Shimotsu H, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6315–9

A 12-base-pair DNA motif that is repeated several times in metallothionein gene promoters confers metal regulation to a heterologous gene. Stuart GW, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7318–22

Promoter elements of genes coding for proteins and modulation of transcription by estrogens and progesterone. Chambon P, et al. **Recent Prog Horm Res** 1984;40:1–42 (139 ref.)

Bovine leukemia virus long terminal repeat: a cell type-specific promoter. Derse D, et al. **Science** 1985 Jan 18;227(4684):317–20

Control of cytochrome P1-450 gene expression by dioxin. Jones PB, et al. **Science** 1985 Mar 22;227(4693):1499–502

Induction of hepatitis B virus core gene in human cells by cytosine demethylation in the promoter. Korba BE, et al. **Science** 1985 May 31;228(4703):1103–6

Regulation of transcription in the segment of the bacteriophage T4 genome containing three of the head protein genes: plasmid-specific and phage chromosome-specific effects. Kassavetis GA, et al. **Virology** 1984 Dec;139(2):283–94

[Molecular cloning of chloroplasts genes--chloroplast DNA replication origin and transcriptional promoters] Ohyama K. **Tanpakushitsu Kakusan Koso** 1985 Mar;30(3):184–96 (112 ref.) **(Jpn)**

[Statistical study of the nucleotide sequence of a prokaryotic promoter. Structural elements determining the efficacy of the transcription initiation stages] Artem'ev IV, et al. **Bioorg Khim** 1983 Nov;9(11):1544–57 (Eng. Abstr.) **(Rus)**

[Primary structure of the E. coli DNA region preceding the tryptophan operon genes] Gubanov VV, et al. **Bioorg Khim** 1984 Mar;10(3):415–7 (Eng. Abstr.) **(Rus)**

[Molecular genetic studies of the DNA promotor regions in Bacillus thuringiensis subsp. galleriae 69-6. II. Increased level of gene expression resulting from IS1 element integration] Beskrovnaia OIu, et al. **Genetika (Moskva)** 1984 Sep;20(9):1428–33 (Eng. Abstr.) **(Rus)**

[Molecular genetic studies of the DNA promotor regions in Bacillus thuringiensis subsp. galleriae 69-6. I. Structural and functional analysis] Tsoi TV, et al. **Genetika (Moskva)** 1984 Sep;20(9):1419–27 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Genetic properties and chromatin structure of the yeast gal regulatory element: an enhancer-like sequence. Struhl K. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7865–9

PROMOTION OF HEALTH see **HEALTH PROMOTION**

PROMOTOR (GENETICS) see **OPERON**

PROMYELOCYTES see **GRANULOCYTES**

PRONASE

Pronase and proteinase K digestion of human immunoglobulin M. Jehanli A, et al. **Mol Immunol** 1985 May;22(5):557-66

IMMUNOLOGY

Use of enzymes in distinguishing anti-LWa and anti-LWab from anti-D. Lomas CG, et al. **Med Lab Sci** 1985 Jan; 42(1):88-9

PHARMACODYNAMICS

Proteoglycans from lungs of rabbits treated with pronase and cadmium chloride. Radhakrishnamurthy B, et al. **Am Rev Respir Dis** 1985 Jun;131(6):855-61

The human effector cells of natural cell mediated cytotoxicity (NCMC) and antibody dependent cellular cytotoxicity (ADCC) express a differentiate susceptibility to pronase. Olinescu A, et al. **Arch Roum Pathol Exp Microbiol** 1984 Apr-Jun;43(2):147-57

Voltage-dependent removal of sodium inactivation by N-bromoacetamide and pronase. Salgado VL, et al. **Biophys J** 1985 Apr;47(4):567-71

Insulin-like activity of proteases. VIII. Stimulation of lipogenesis and pyruvate dehydrogenase and suppression of epinephrine-sensitive lipolysis in rat epididymal adipose tissue by an N-succinyl-L-trialanine p-nitroanilide-hydrolyzing protease from pronase. Ueki H, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4539-44

Pronase treatment of lymphocytes reduces the time required for onset of S phase in response to anti-immunoglobulin. Kern M. **J Immunol** 1985 Apr;134(4):2260-4

Splenic B cells from CBA/N mice acquire responsiveness to anti-immunoglobulin after a brief treatment with pronase. Ramanadham M, et al. **J Immunol** 1985 Jan; 134(1):4-6

[Method for isolating single cardiac cells in the guinea pig using pronase. The role of calcium ions] Bendukidze ZA, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):762-4 (Eng. Abstr.) **(Rus)**

PRO-OPIOCORTIN see **PRO-OPIOMELANOCORTIN**

PRO-OPIOMELANOCORTIN

ANALOGS & DERIVATIVES

Responses of rat adrenal glomerulosa and inner zone cells to synthetic ACTH analogs and proopiomelanocortin-derived peptides. Jornot LH, et al. **J Steroid Biochem** 1985 Feb;22(2):221-5

ANALYSIS

Isolation and characterization of the 1 to 49 amino-terminal sequence of pro-opiomelanocortin from bovine posterior pituitaries. Bennett HP. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):229-36

Radioimmunoassay for beta-endorphin (1-18), a novel pituitary peptide derived from proopiomelanocortin. Vuolteenaho O. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1226-32

Localization of neurons containing pro-opiomelanocortin-related peptides in the hypothalamus and midbrain of the lizard, Anolis carolinensis: evidence for region-specific processing of beta-endorphin. Dores RM, et al. **Brain Res** 1984 Dec 24; 324(2):384-9

Association of newly synthesized pro-opiomelanocortin with secretory granule membranes in pituitary pars intermedia cells. Loh YP, et al. **FEBS Lett** 1985 May 6;184(1):40-3

Pro-opiomelanocortin peptides in the human hypothalamus: comparative study between normal subjects and Parkinson patients. Pique L, et al. **Neurosci Lett** 1985 Mar 15; 54(2-3):141-6

Bombesin, neurotensin and pro-gamma-melanotropin immunoreactants in human milk. Ekman R, et al. **Regul Pept** 1985 Mar;10(2-3):99-105

[Identification of pro-opiomelanocortin and the secretion of its peptide fragments in the adrenals of the bull] Tennov AV, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):181-4 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Immunocytochemical identification of the proopiocortin-producing cells in the chum salmon pituitary with antisera to endorphin and NH2-terminal peptide of salmon proopiocortin. Naito N, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):185-92

Regulation of pro-opiomelanocortin synthesis by dopamine and cAMP in the amphibian pituitary intermediate lobe. Loh YP, et al. **J Biol Chem** 1985 Jul 25;260(15):8956-63

Differential alterations by chronic treatment with morphine of pro-opiomelanocortin mRNA levels in anterior as compared to intermediate pituitary lobes of rats. Höllt V, et al. **Neuropeptides** 1985 Feb;5(4-6):481-4

Biosynthesis, processing and release of pro-opiomelanocortin related peptides in the intermediate lobe of the pituitary gland of the frog (Rana ridibunda). Vaudry H, et al. **Peptides (Fayetteville)** 1984 Sep-Oct;5(5):905-12

[Biosynthesis of pro-opiomelanocortin and secretion of its fragments by cultured bone marrow cells of mice] Dmitriev AD, et al. **Dokl Akad Nauk SSSR** 1985 May-Jun; 282(1):199-202 **(Rus)**

CEREBROSPINAL FLUID

Pro-opiocortin peptides in rat cerebrospinal fluid. Jackson S, et al. **Regul Pept** 1985 Jun;11(2):159-71

GENETICS

DNA restriction fragment analysis of the proopiomelanocortin gene in schizophrenia and bipolar disorders. Feder J, et al. **Am J Hum Genet** 1985 Mar; 37(2):286-94

Expression of pro-opiomelanocortin-like gene in the testis and Leydig cell lines. Chen CL, et al. **Ann NY Acad Sci** 1984;438:659-62

Corticotropin-releasing factor differentially regulates proopiomelanocortin messenger ribonucleic acid levels in anterior as compared to intermediate pituitary lobes of rats. Höllt V, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):407-15

Effects of adrenalectomy and dexamethasone administration on the level of prepro-corticotropin-releasing factor messenger ribonucleic acid (mRNA) in the hypothalamus and adrenocorticotropin/beta-lipotropin precursor mRNA in the pituitary in rats. Jingami H, et al. **Endocrinology** 1985 Oct;117(4):1314-20

Posttranslational processing of proadrenocorticotropin/endorphin-derived peptides during postnatal development in the rat pituitary. Sato SM, et al. **Endocrinology** 1985 Aug;117(2):773-86

Opposite regulation of pro-opiomelanocortin gene transcription by glucocorticoids and CRH. Gagner JP, et al. **Mol Cell Endocrinol** 1985 Apr;40(1):25-32

Detection of the messenger RNAs coding for the opioid peptide precursors in pituitary and adrenal by 'in situ' hybridization: study in several mammal species. Bloch B, et al. **Neurosci Lett** 1985 Jan 21;53(2):141-8

Nucleotide sequence of a cloned cDNA for proopiomelanocortin precursor of chum salmon, Onchorynchus keta. Soma GI, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8029-41

Expression of pro-opiomelanocortin-like gene in the testis and epididymis. Chen CL, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5672-5

IMMUNOLOGY

Proopiomelanocortin-derived peptides in the immune system. Blalock JE. **Clin Endocrinol (Oxf)** 1985 Jun;22(6):823-7 (15 ref.)

Immunocytochemical identification of the proopiocortin-producing cells in the chum salmon pituitary with antisera to endorphin and NH2-terminal peptide of salmon proopiocortin. Naito N, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):185-92

METABOLISM

Identification and possible function of pro-opiomelanocortin-derived peptides in the testis. Bardin CW, et al. **Ann NY Acad Sci** 1984;438:346-64

Proopiomelanocortin peptide immunocytochemistry in rhesus monkey brain. Khachaturian H, et al. **Brain Res Bull** 1984 Dec;13(6):785-800

Post-translational incorporation of [35S]sulfate into oligosaccharide side chains of pro-opiomelanocortin in rat intermediate lobe cells. Bourbonnais Y, et al. **J Biol Chem** 1985 May 10;260(9):5832-7

Radioligands for probing opioid receptors. Paterson SJ, et al. **J Recept Res** 1984;4(1-6):143-54

Shigella sonnei endotoxin reduces arterial blood pressure but does not alter pituitary pro-opiocortin cleavage and corticosterone release in the rat. Saija A, et al. **Res Commun Chem Pathol Pharmacol** 1984 Aug;45(2):313-6

PHARMACODYNAMICS

Effects of proopiomelanocortin-derived peptides, methionine-enkephalin and forskolin on the maturation of ovine fetal adrenal cells in culture. Durand P, et al. **Biol Reprod** 1984 Nov;31(4):694-704

Effects of N-terminal peptide of salmon proopiocortin on interrenal function of the rainbow trout. Takahashi A, et al. **Gen Comp Endocrinol** 1985 May;58(2):328-35

Effects of proopiomelanocortin peptides and angiotensin II on steroidogenesis in isolated aldosteronoma cells. Pham-Huu-Trung MT, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):467-71

Effects of several pro-opiomelanocortin derived peptides on steroidogenesis in ovine and bovine adrenal cells. Cathiard AM, et al. **J Steroid Biochem** 1985 Aug;23(2):185-90

PHYSIOLOGY

The case for pro-gamma-MSH as the adrenal growth factor. Lowry PJ, et al. **Endocr Res** 1984-85;10(3-4):243-58

The alpha MSH-specific and arcuate pro-opiomelanocortin neuronal systems of the hypothalamus: observations on their connectivity and response to colchicine treatment. Knigge KM, et al. **Psychopharmacol Bull** 1985;21(3):472-5

SECRETION

Impairment of adrenergic-induced proopiomelanocortin-related peptide release in heroin addicts. Facchinetti F, et al. **Acta Endocrinol (Copenh)** 1985 Jan;108(1):1-5

Synergistical effects of ovine corticotropin-releasing factor (CRF) and arginine vasopressin (AVP) on the release of pro-opiomelanocortin (POMC) related peptides by pituitary adenoma of a patient with Nelson's syndrome in vitro. Chan JS, et al. **Clin Invest Med** 1984;7(4):205-8

URINE

Urinary molecular forms of human N-terminal of proopiomelanocortin: possible deglycosylation and degradation by the kidney. Gaspar L, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):614-21

PROPANE

ANALOGS & DERIVATIVES

Health examination and air monitoring evaluation for workers exposed to 2-nitropropane. Crawford GN, et al. **Am Ind Hyg Assoc J** 1985 Jan;46(1):45-7

Chromosomal analysis and health status of children conceived to men during or following dibromochloropropane-induced spermatogenic suppression. Potashnik G, et al. **Andrologia** 1985 May-Jun; 17(3):291-6

Effects of 1,2-dibromo-3-chloropropane on male reproductive function in the rat. Warren DW, et al. **Biol Reprod** 1984 Oct;31(3):454-63

Dissipation of 1,2-dibromo-3-chloropropane (DBCP), cis-1,3-dichloropropene (1,3-DCP), and dichloropropenes from soil to atmosphere. Albrecht WN, et al. **Bull Environ Contam Toxicol** 1985 Jun;34(6):824-31

DBCP pesticide in drinking water wells in Fresno and other communities in the central valley of California. Kloos H. **Ecol Dis** 1983;2(4):353-67

Tests for dominant-lethal effects of 1,2-dibromo-3-chloropropane (DBCP) in male and female mice. Generoso WM, et al. **Mutat Res** 1985 Apr-May; 156(1-2):103-8

Enzymatic denitrification of 2-nitropropane in uninduced mouse liver microsomes. Marker EK, et al. **Toxicol Lett** 1985 Aug;26(2-3):181-5

[Analysis of para-tert-butylphenol, phenol and diphenylpropane] Khusnutdinova RG, et al. **Gig Sanit** 1985 Jan;(1):64-5 **(Rus)**

METABOLISM

Propane and tetradecane as carbon sources for in vitro cultivation of Mycobacterium lepraemurium in a liquid medium (a preliminary communication). Kato L. **Acta Microbiol Hung** 1984;31(4):381-6

In vitro cultivation of Mycobacterium X from Mycobacterium leprae infected tissues in propane-tetradecane medium (a preliminary communication). Kato L. **Acta Microbiol Hung** 1984; 31(4):373-80

Fate of the C1 product of propane dissimilation in Mycobacterium vaccae. Coleman JP, et al. **J Bacteriol** 1984 Dec;160(3):1163-4

Propane and propylene formation during the microsomal metabolism of iproniazid and isopropylhydrazine. Moloney SJ, et al. **Life Sci** 1985 Mar 11;36(10):947-54

PROPANEDIOL DEHYDRATASE see under **HYDRO-LYASES**

PROPANEDIOLS

A new use of K-Y jelly as a gonioscopy fluid. Mehta HK. **Br J Ophthalmol** 1984 Oct;68(10):765-7

Solubilization by cosolvents I: organic solutes in propylene glycol-water mixtures. Yalkowsky SH, et al. **J Pharm Sci** 1985 Apr;74(4):416-21

ADMINISTRATION & DOSAGE

Treatment of bovine ketosis with invert sugar, glucocorticoids, and propylene glycol. Kauppinen K, et al. **Acta Vet Scand** 1984;25(4):467-79

ADVERSE EFFECTS

Skin irritancy from propylene glycol. Wahlberg JE, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):286-90

Patch test reactions to Flamazine. Rasmussen I. **Contact Dermatitis** 1984 Aug;11(2):133-4

Propylene glycol as a cause of lactic acidosis. Kelner MJ, et al. **J Anal Toxicol** 1985 Jan-Feb;9(1):40-2

Hyperosmolality induced by propylene glycol. A complication of silver sulfadiazine therapy. Fligner CL, et al. **JAMA** 1985 Mar 15;253(11):1606-9

ANALYSIS

Environmental chemistry of 1,2-propanediol dinitrate: azeotrope formation, photolysis and biodegradability.

Wyman JF, et al. **Arch Environ Contam Toxicol** 1984 Nov; 13(6):647-52

Application of reductive dihydroxypropylation of amino groups of proteins in primary structural studies: identification of phenylthiohydantoin derivative of epsilon-dihydroxypropyl-lysine residues by high-performance liquid chromatography. Acharya AS, et al. **J Chromatogr** 1984 Aug 3;297:37-48

High-performance thin-layer chromatography assay for epoxide hydrolase activity and the determination of phenoxypropane-1,2-diols. Van den Eeckhout E, et al. **J Chromatogr** 1985 Jan 18;318(2):343-9

Effect of ethanol, glycerol, and propylene glycol on the stability of phenobarbital sodium. Das Gupta V. **J Pharm Sci** 1984 Nov;73(11):1661-2

BLOOD

The measurement of 2,3-butanediol and 1,2-propanediol in 'flushing' and 'non-flushing' Japanese. Casazza JP, et al. **Alcohol** 1985 May-Jun;2(3):401-4

The production of 1,2-propanediol in ethanol treated rats. Casazza JP, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):426-30

CHEMICAL SYNTHESIS

[Synthesis and analysis of glycol bis-phosphates, regulators of reversible hemoglobin oxygenation] Chuvilin AN, et al. **Bioorg Khim** 1985 Jun;11(6):845-8 (Eng. Abstr.) **(Rus)**

METABOLISM

Exhaustive laccase-catalysed oxidation of a lignin model compound (vanillyl glycol) produces methanol and polymeric quinoid products. Lundquist K, et al. **Biochem J** 1985 Jul 1;229(1):277-9

N-dealkylation of oxprenolol: formation of 3-aryloxypropane-1,2-diol, 3-aryloxylactic acid, and 2-aryloxyacetic acid metabolites in the rat. Nelson WL, et al. **J Pharm Sci** 1985 Jan;74(1):33-6

Pharmacokinetics of propylene glycol in humans during multiple dosing regimens. Yu DK, et al. **J Pharm Sci** 1985 Aug;74(8):876-9

PHARMACODYNAMICS

Propylene glycol-induced heparin resistance during nitroglycerin infusion. Col J, et al. **Am Heart J** 1985 Jul; 110(1 Pt 1):171-3

The action of prazosin and propylene glycol on methoxamine-induced bronchoconstriction in asthmatic subjects. Black JL, et al. **Br J Clin Pharmacol** 1984 Sep; 18(3):349-53

(+/-)2,3-Dihydroxypropyl dichloroacetate, an inhibitor of glycerol kinase. Tisdale MJ, et al. **Cancer Biochem Biophys** 1984 Sep;7(3):253-9

THERAPEUTIC USE

Effects of trenbolone acetate and propylene glycol on pregnancy toxaemia in ewes. Wierda A, et al. **Vet Rec** 1985 Mar 16;116(11):284-7

[Clinico-experimental and clinical studies of a ketomethine preparation in sheep and cows] Goranov Kh, et al. **Vet Med Nauki** 1984;21(7-8):87-93 (Eng. Abstr.) **(Bul)**

TOXICITY

Ethylene glycol monomethyl ether (EGME) and propylene glycol monomethyl ether (PGME): inhalation fertility and teratogenicity studies in rats, mice and rabbits. Hanley TR Jr, et al. **Environ Health Perspect** 1984 Aug;57:7-12

Ethylene glycol monomethyl ether and propylene glycol monomethyl ether: metabolism, disposition, and subchronic inhalation toxicity studies. Miller RR, et al. **Environ Health Perspect** 1984 Aug;57:233-9

Teratologic evaluation of inhaled propylene glycol monomethyl ether in rats and rabbits. Hanley TR Jr, et al. **Fundam Appl Toxicol** 1984 Oct;4(5):784-94

Dipropylene glycol monomethyl ether: a 13-week inhalation toxicity study in rats and rabbits. Landry TD, et al. **Fundam Appl Toxicol** 1984 Aug;4(4):612-7

PROPANIDID

METABOLISM

Effects of phenobarbital and p,p'-DDT on carboxylesterase activity and hydrolysis of propanidid in rat liver. Nousiainen U. **Gen Pharmacol** 1985;16(1):49-53

The effects of phenobarbital, bis-p-nitrophenyl phosphate and disulfiram on the hydrolysis of propanidid in Wistar rats. Nousiainen U. **Gen Pharmacol** 1984;15(5):397-402

PROPANIL see under **ANILIDES**

PROPANOL see **ALCOHOL, PROPYL**

PROPANOLAMINES

Proceedings of a symposium on the increasing value of beta blockers. Focus on nadolol. February 17-18, 1984, The Dominican Republic. **Am Heart J** 1984 Oct;108(4 Pt 2):1069-182

Indenolol pharmacokinetics and pharmacodynamics after single and repeated daily doses. Sega R, et al. **J Clin Pharmacol** 1985 Jul-Aug;25(5):337-42

[Synthesis of new betablocker analogs of bevantolol] Bompart J, et al. **Ann Pharm Fr** 1984;42(6):537-45 (Eng. Abstr.) **(Fre)**

ADMINISTRATION & DOSAGE

Combined use of ritodrine and magnesium sulfate for tocolysis of preterm labor [letter] Diamond MP, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):827-8

The effect of a once-daily oral dose of nadolol on intraocular pressure in normal volunteers. Rennie IG, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):445-7

Comparative efficacy of orally and topically administered beta blockers for chronic simple glaucoma. Williamson J, et al. **Br J Ophthalmol** 1985 Jan;69(1):41-5

[Treatment of hypertension with a new beta blocker-diuretic combination under long-term control] Hoffmann H, et al. **Wien Med Wochenschr** 1985 Mar 15;135(5):127-34 (Eng. Abstr.) **(Ger)**

[Evaluation of the antihypertensive effect and tolerability of nadolol administered alone or in association with bendroflumethiazide] Gragnoli G, et al. **Minerva Med** 1984 Nov 10;75(43):2609-15 (Eng. Abstr.) **(Ita)**

[Controlled double-blind study on the efficacy of clofedanol-sobrerol in the treatment of pediatric pertussis] Miraglia del Giudice M, et al. **Minerva Pediatr** 1984 Dec 31;36(23-24):1199-206 (Eng. Abstr.) **(Ita)**

[Nadolol in the preventive treatment of migraine] Szczudlik A. **Wiad Lek** 1984 Jul 15;37(14):1087-92 (Eng. Abstr.) **(Pol)**

[Use of beta-blockers and a calcium antagonist in angina pectoris during the period of postinfarct rehabilitation] Urbaniuk KG, et al. **Klin Med (Mosk)** 1984 Jul;62(7):36-9 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Neonatal effects of maternal nadolol therapy. Fox RE, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1045-6

Myotonic muscular dystrophy associated with ritodrine tocolysis. Sholl JS, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):83-6

Ritodrine-induced pulmonary oedema in labour. Successful management using epidural anaesthesia. Marks RJ, et al. **Anaesthesia** 1984 Oct;39(10):1012-4

Fatal pulmonary oedema associated with the use of ritodrine in pregnancy. Case report. MacLennan FM, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):703-5

Alopecia and drug eruption of the scalp associated with a new beta-blocker, nadolol. Shelley ED, et al. **Cutis** 1985 Feb;35(2):148-9

Atrial myxoma as a complication of tocolytic therapy. A case report. Mercer LJ, et al. **J Reprod Med** 1985 Jul; 30(7):561-2

Metabolic disturbances during intravenous use of ritodrine: increased insulin levels and hypokalemia. Cano A, et al. **Obstet Gynecol** 1985 Mar;65(3):356-60 (45 ref.)

Evaluation of seven- to nine-year-old children exposed to ritodrine in utero. Polowczyk D, et al. **Obstet Gynecol** 1984 Oct;64(4):485-8

The influence of topical beta-blockers on the breakup time. Strempel I. **Ophthalmologica** 1984;189(3):110-5

[Hepatitis from suloctidil (Fluvisco) (letter)] Danan G, et al. **Gastroenterol Clin Biol** 1984 Nov;8(11):883-5 **(Fre)**

[Fulminating hepatitis due to suloctidil (letter)] Verneau A, et al. **Gastroenterol Clin Biol** 1985 Mar;9(3):274-5 **(Fre)**

[Suloctidil hepatitis: bringing into focus (letter)] Capron MH, et al. **Presse Med** 1984 Oct 6;13(35):2155 **(Fre)**

[Effects of tocolytic therapy with ritodrine on the occurrence of neonatal hyperbilirubinemia] Gemelli M, et al. **Minerva Pediatr** 1985 Feb 28;37(4):207-9 (Eng. Abstr.) **(Ita)**

ANALYSIS

Ion-exchange high-performance liquid chromatography in drug assay in biological fluids. IV. Nadolol diastereomers: demonstration of pharmacokinetic and binding equivalence. Piotrovskii VK, et al. **J Chromatogr** 1984 Aug 10; 309(2):421-5

Quantitative determination of tertatolol in biological fluids by gas chromatography-mass spectrometry. Staveris S, et al. **J Chromatogr** 1985 Apr 12;339(1):97-103

Determination of the beta-adrenoceptor blocking drug bupranolol in plasma and tissues of the rat by high-performance liquid chromatography with ultraviolet detection. Winkler H, et al. **J Chromatogr** 1984 Jul 13; 309(1):193-7

High performance liquid chromatographic determination of chlophedianol hydrochloride in 'jung fei', a complex tablet formulation. Burrows GW, et al. **J Chromatogr Sci** 1985 Jan;23(1):37-8

Determination of orally coadministered nadolol and its deuterated analogue in human serum and urine by gas chromatography with selected-ion monitoring mass spectrometry. Cohen AI, et al. **J Pharm Sci** 1984 Nov; 73(11):1571-5

High-performance liquid chromatographic method for the determination of esmolol hydrochloride. Lee YC, et al. **J Pharm Sci** 1984 Nov;73(11):1660-1

Simple fluorimetric screening for carazolol in swine kidneys by means of Sep-Pak cartridges. Engelsma JW, et al. **Vet Q** 1985 Jan;7(1):73-6

[The determination of carteolol in human plasma and urine by high performance liquid chromatography] Odomi M, et al. **Yakugaku Zasshi** 1985 May;105(5):459-63 (Eng. Abstr.) **(Jpn)**

BLOOD

Comparison of kinetic interactions of nadolol and propranolol with cimetidine. Duchin KL, et al. **Am Heart J** 1984 Oct; 108(4 Pt 2):1084-6

Protein binding studies of furosemide and penbutolol. Gottschalk R, et al. **Arzneimittelforschung** 1985; 35(6):899-902

Use of dodecyl sulfate as an esterase inhibitor before gas-chromatographic determination of labile beta-adrenoceptor blocking drugs. Holm G, et al. **Clin Chem** 1985 Jun;31(6):868-70

Serum levels of ritodrine during oral maintenance therapy. Smit DA, et al. **Gynecol Obstet Invest** 1984;18(2):105-12

Simple method for routine determination of betaxolol in blood and urine by automated high-performance liquid chromatography with fluorimetric detection. Caqueret H, et al. **J Chromatogr** 1984 Nov 9;311(1):199-205

High-performance liquid chromatographic assay for the major blood metabolite of esmolol--an ultra short acting beta blocker. Stampfli HF, et al. **J Chromatogr** 1984 Jul 13;309(1):203-8

Determination of carboxybupranolol, the major metabolite of bupranolol, in human plasma by high-performance liquid chromatography. Walmsley LM, et al. **J Chromatogr** 1984 Nov 9;311(1):227-33

Gas chromatographic-mass spectrometric assay for the ultra-short-acting beta-blocker esmolol. Sum CY, et al. **J Pharm Sci** 1984 Aug;73(8):1177-9

Maternal and fetal plasma concentrations of ritodrine. Gross TL, et al. **Obstet Gynecol** 1985 Jun;65(6):793-7

CHEMICAL SYNTHESIS

[Adrenergic beta 1 and beta 2 blocking activity of new aminopropanols derived from oximes and esters] Roselli G, et al. **Arch Farmacol Toxicol** 1984 Aug;10(2):101-6 (Eng. Abstr.) **(Spa)**

METABOLISM

Metabolism and disposition of ritodrine in a pregnant baboon. Borrisud M, et al. **Am J Obstet Gynecol** 1985 Aug 15; 152(8):1067-72

Receptor binding profile of tibalosine, a new antihypertensive. Chatelain P, et al. **Arzneimittelforsch** 1984;34(7):754-8

Pharmacokinetics of adimolol after single and multiple dose administration in healthy volunteers. Wiedemann I, et al. **Arzneimittelforschung** 1985;35(6):964-9

Agonist-induced internalization of the beta adrenergic receptor in a smooth muscle cell line. Sher E, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):863-70

Stereoselectivity in the metabolism of the beta-adrenergic blocking agent, (+/-)-1-tert-butylamino-3-(2,3-dimethylphenoxy)-2-pro hydrochloride (xibenolol hydrochloride, D-32), in man. Honma S, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb; 33(2):760-8

The metabolism of ICI 118,587, a partial agonist of beta 1-adrenoceptors, in mice, rats, rabbits, dogs, and humans. Marten TR, et al. **Drug Metab Dispos** 1984 Sep-Oct; 12(5):652-60

Biochemical properties of blood esmolol esterase. Quon CY, et al. **Drug Metab Dispos** 1985 Jul-Aug;13(4):420-4

Direct assessment of beta-adrenergic receptors in intact rat adipocytes by binding of [3H]CGP 12177. Evidence for agonist high-affinity binding complex and for beta 1 and beta 2 receptor subtypes. Lacasa D, et al. **Eur J Biochem** 1985 Jan 15;146(2):339-46

Plasma protein binding of ritodrine at parturition and in nonpregnant women. Gross AS, et al. **Eur J Clin Pharmacol** 1985;28(4):479-81

Tissue distribution of exaprolol in rat. Faberová V, et al. **Eur J Drug Metab Pharmacokinet** 1985 Jan-Mar;10(1):11-3

Pharmacokinetics of butofilolol (CAFIDE) after repeated oral administration in man. Houin G, et al. **Int J Clin Pharmacol Res** 1984;4(3):175-83

Butofilolol pharmacokinetics in chronic renal insufficiency. Jeanniot JP, et al. **Int J Clin Pharmacol Res** 1984; 4(3):165-73

Evidence for two specific affinity states of 3H-antagonist binding to cardiac beta-adrenergic receptors and influence of Gpp(NH)p. Lang PH, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(4):341-60

Quantitative evaluation of the beta 2-adrenoceptor affinity of phenoxypropanolamines and phenylethanolamines. IJzerman AP, et al. **J Med Chem** 1985 Sep;28(9):1328-34

Some unique properties of CGP-12177. Portenier M, et al. **J Recept Res** 1984;4(1-6):103-11

Covalent labeling of the beta-adrenergic ligand-binding site with para-(bromoacetamidyl)benzylcarazolol. A highly potent beta-adrenergic affinity label. Dickinson KE, et al. **Mol Pharmacol** 1985 May;27(5):499-506

Beta-adrenergic [(3H]CGP-12177) binding to brain slices and single intact pineal glands. Wilkinson M, et al. **Neurochem Res** 1985 Jun;10(6):829-39

Effect of sucralfate on the bioavailability of indenolol. Babhair SA, et al. **Pharmacol Res Commun** 1984 Sep;16(9):845-50

(-)-S-[3H]CGP-12177 and its use to determine the rate constants of unlabeled beta-adrenergic antagonists. Affolter H, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):925-9

Autoradiography of nadolol and propranolol in the rat. Schiff AA, et al. **Xenobiotica** 1984 Sep;14(9):687-91

[Ocular tissue distributions of befunolol hydrochloride, a beta-adrenergic blocking agent, after intravitreous or subconjunctival injection into the albino and pigmented rabbits] Ishii Y, et al. **Nippon Ganka Gakkai Zasshi** 1984 Oct;88(10):1278-86 (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

The first dose hemodynamic responses to Visacor (ICI 141-292) in essential hypertension. Lund-Johansen P, et al. **Acta Med Scand [Suppl]** 1985;693:121-5

Decrease in survival time in beta 2-adrenoceptor blocked cats exposed to bleeding. Gustafsson D, et al. **Acta Physiol Scand** 1984 Oct;122(2):181-6

Comparative effects of propranolol and nadolol on renal blood flow in normal rats and rats with congestive heart failure. Brenner BM, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1144-7

Effects of intravenous infusion of esmolol and propranolol on biventricular performance at rest and during exercise as assessed by quantitative radionuclide angiography. Iskandrian AS, et al. **Am J Cardiol** 1985 May 1;55(11):1287-92

Effect of ICI 118,587 on left ventricular function during graded treadmill exercise in conscious dogs. Ohyagi A, et al. **Am J Cardiol** 1984 Nov 1;54(8):1108-13

Evaluation of the pharmacodynamics and pharmacokinetics of ritodrine when administered as a loading dose. On establishing a potentially useful drug administration regimen in cases of fetal distress. Caritis SN, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1026-31

The effect of oral ritodrine therapy on glucose tolerance in pregnancy. Main DM, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1031-3

Cardiovascular effects of topical beta-blockers during exercise. Atkins JM, et al. **Am J Ophthalmol** 1985 Feb 15;99(2):173-5

Cardiovascular effects of esmolol in anesthetized humans. Menkhaus PG, et al. **Anesth Analg** 1985 Mar;64(3):327-34

Effects of K-351 on hemodynamics and renin release in anesthetized dogs. Hisa H, et al. **Arch Int Pharmacodyn Ther** 1984 Sep;271(1):169-76

Adrenoceptor blocking effects of arotinolol, a new combined alpha- and beta-adrenoceptor blocking agent. Miyagishi A, et al. **Arch Int Pharmacodyn Ther** 1984 Oct;271(2):249-62

Effects of nipradilol (K-351) on cardiac function in anesthetized open-chest dogs. Sakanashi M, et al. **Arch Int Pharmacodyn Ther** 1985 Mar;274(1):47-55

Effects of celiprolol (REV 5320), a new cardioselective beta-adrenoceptor antagonist, on in vitro adenylate cyclase, alpha- and beta-adrenergic receptor binding and lipolysis. Van Inwegen RG, et al. **Arch Int Pharmacodyn Ther** 1984 Nov;272(1):40-55

Suloctidil treatment prevents the development of post-traumatic feline spinal cord ischemia. Wolf DL, et al. **Arch Int Pharmacodyn Ther** 1985 Mar;274(1):139-44

Pharmacological properties of an extremely selective beta 1-adrenoceptor antagonist, 2-[4-[3-(tert-Butylamino)-2-hydroxypropoxy] phenyl]-3-methyl-6-methoxy-4(3H)-quinazolinone [+/-)HX-CH 44 BS). Daemmgen JW, et al. **Arzneimittelforsch** 1985;35(1A):383-90

Metabolic effects of ritodrine hydrochloride in the pregnant sheep. Akahane M, et al. **Asia Oceania J Obstet Gynaecol** 1984 Sep;10(3):403-9

Use of RU 25960, a new calcium antagonist, in normobaric and hypobaric hypoxia. Saligaut C, et al. **Aviat Space Environ Med** 1985 Apr;56(4):358-61

Effect of ritodrine on the maternal and fetal endocrine pancreas of the rat. Aerts L, et al. **Biol Neonate** 1985;47(2):107-12

Effects of the beta 2-adrenoceptor antagonist ICI 118,551 on exercise tachycardia and isoprenaline-induced beta-adrenoceptor responses in man. Arnold JM, et al. **Br J Clin Pharmacol** 1985 May;19(5):619-30

Penbutolol and propranolol: a comparison of their effects on antipyrine clearance in man. Bax ND, et al. **Br J Clin Pharmacol** 1985 May;19(5):593-6

Effects of xamoterol (ICI 118,587) in asthmatic patients. Löfdahl CG, et al. **Br J Clin Pharmacol** 1984 Oct;18(4):597-601

Human pharmacokinetic and pharmacodynamic studies on Ro31-1118, a new beta-adrenoceptor antagonist. O'Connor PC, et al. **Br J Clin Pharmacol** 1985 Mar;19(3):319-27

Comparative effects of adimolol, labetalol and propranolol on heart rate and blood pressure in man. Riddell JG, et al. **Br J Clin Pharmacol** 1985 Apr;19(4):405-10

Assessment of beta-adrenoceptor selectivity of a new beta-adrenoceptor antagonist, bisoprolol, in man. Tattersfield AE, et al. **Br J Clin Pharmacol** 1984 Sep;18(3):343-7

A comparison of the effects of intravenous propranolol and nadolol on the renal response to hypertonic saline infusion. Waller DG, et al. **Br J Clin Pharmacol** 1985 Jan;19(1):37-43

Effect of orally administered nadolol on the intraocular pressure in normal volunteers. Williamson J, et al. **Br J Ophthalmol** 1985 Jan;69(1):38-40

Cardiovascular effects of bevantolol, a selective beta 1-adrenoceptor antagonist with a novel pharmacological profile. Dukes ID, et al. **Br J Pharmacol** 1985 Feb;84(2):365-80

The affinity and efficacy of the selective beta 1-adrenoceptor stimulant RO363 at beta 1- and beta 2-adrenoceptor sites. McPherson GA, et al. **Br J Pharmacol** 1984 Aug;82(4):897-904

The in vitro pharmacology of xamoterol (ICI 118,587). Malta E, et al. **Br J Pharmacol** 1985 May;85(1):179-87

ICI 118,551: an effective ocular hypotensive agent with selectivity for the ciliary process beta 2-adrenoceptor and with minimal cardiac side effects. Nathanson JA. **Br J Pharmacol** 1984 Nov;83(3):821-9

Effects of a selective beta 2-blocker (ICI 118,551) on hepatic haemodynamics in the cirrhotic and non cirrhotic rat. Jenkins SA, et al. **Br J Surg** 1985 Aug;7(8):653-6

Early liver alterations induced by the sex-dependent hepatocarcinogen beta-blocker ZAMI 1305. Presta M, et al. **Chem Biol Interact** 1984 Dec;52(2):203-12

beta-2 Adrenergic blockade evaluated with epinephrine after placebo, atenolol, and nadolol. Hiatt WR, et al. **Clin Pharmacol Ther** 1985 Jan;37(1):2-6

Nadolol, propranolol, and thyroid hormones: evidence for a membrane-stabilizing action of propranolol. Reeves RA, et al. **Clin Pharmacol Ther** 1985 Feb;37(2):157-61

Effects of nadolol and propranolol on plasma lidocaine clearance. Schneck DW, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):584-7

Computerized echocardiographic study of left ventricular function and cardiodynamic investigation with a new antihypertensive agent (indenolol). Venco A, et al. **Clin Ther** 1985;7(3):347-56

Biochemical and physiological effects of S-32-468, a beta-adrenoceptor antagonist with possible oculoselectivity. Nathanson JA. **Curr Eye Res** 1985 Mar;4(3):191-7

Bucindolol: effects on blood pressure, airways resistance and serum creatine phosphokinase. Gill JS, et al. **Eur J Clin Pharmacol** 1984;27(3):265-8

Comparative beta-adrenoceptor blocking effect and pharmacokinetics of bucindolol and propranolol in man. Maury M, et al. **Eur J Clin Pharmacol** 1985;27(6):649-56

The comparative beta-adrenoceptor blocking effects of penbutolol, atenolol and sustained-release metoprolol in healthy volunteers. Mucklow JC, et al. **Eur J Clin Pharmacol** 1984;27(3):269-73

Effect of ophthalmic administration of S-596 (Arotinolol) on intraocular pressure and haemodynamics in health volunteers: comparison with timolol. Nakashima M, et al. **Eur J Clin Pharmacol** 1985;28(4):391-6

Separate and combined effects of nadolol and nifedipine on the cardiac response to exercise. Wilkins MR, et al. **Eur J Clin Pharmacol** 1985;28(2):113-7

Dose-related inhibitory effects of the beta-adrenoceptor blocking drugs carteolol and propranolol on cardiac hypertrophy in spontaneously hypertensive rats. Igawa T, et al. **Eur J Pharmacol** 1984 Sep 3;104(1-2):93-9

Effects of nipradilol (K-351) on the electrophysiological properties of canine cardiac tissues: comparison with propranolol and sotalol. Nakaya H, et al. **Eur J Pharmacol** 1984 Sep 17;104(3-4):335-44

Antiarrhythmic action and protection of ischaemia myocardium after beta-blockade with bevantolol. Verdouw PD, et al. **Eur J Pharmacol** 1985 May 20;111(3):377-80

In vitro effect of ritodrinum on cAMP concentration in human placentas of different gestational age. Cemerikić B, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):223-7

Effect of selective blockade of beta 2-adrenergic receptors on portal and systemic hemodynamics in a portal hypertensive rat model. Kroeger RJ, et al. **Gastroenterology** 1985 Apr;88(4):896-900

A beta-adrenoceptor blocking agent, befunolol as a partial agonist in isolated organs. Takayanagi I, et al. **Gen Pharmacol** 1985;16(3):265-7

Exaprolol as a modulator of heart sarcolemmal (Na+ + K+)-ATPase. Evidence for interaction with an essential sulfhydryl group in the catalytic centre of the enzyme. Džurba A, et al. **Gen Physiol Biophys** 1985 Jun;4(3):257-64

Effects of S-596 and carteolol, new beta-adrenergic blockers, and flurbiprofen on the human eye: a fluorophotometric study. Araie M, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;222(4-5):259-62

A study on the ocular and extraocular pharmacology of metipranolol. Sugrue MF, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;222(3):123-7

Monitoring 24-hour blood pressure in a drug trial. Evaluation of a noninvasive device. Berglund G, et al. **Hypertension** 1985 Sep-Oct;7(5):688-94

Modification of dobutamine- and terbutaline-induced calcium and fluid secretion from rat salivary glands by atenolol and butoxamine. Schneyer CA, et al. **J Auton Nerv Syst** 1985 Aug;13(4):275-85

Beta-blocking and hemodynamic effects of ASL-8052. Gorczynski RJ, et al. **J Cardiovasc Pharmacol** 1984 Nov-Dec;6(6):1548-59

Selectivity of the intrinsic sympathomimetic activity of the beta-adrenergic blocking drug bucindolol. Leff AR, et al. **J Cardiovasc Pharmacol** 1984 Sep-Oct;6(5):859-66

Bucindolol has serotonin and alpha-adrenoceptor blocking properties. Marwood JF, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S67-9

Electrophysiological effects of 711389-S, a new antiarrhythmic agent, on guinea-pig isolated cardiac muscle. Ninomiya M, et al. **J Cardiovasc Pharmacol** 1984 Nov-Dec;6(6):1222-9

The mechanism underlying the vasodilator action of bunitrolol: contribution of alpha 1-adrenoceptor blocking action. Satoh K, et al. **J Cardiovasc Pharmacol** 1985 May-Jun;7(3):508-15

Beta 1-selectivity of bisoprolol, a new beta-adrenoceptor antagonist, in anesthetized dogs and guinea pigs. Schliep HJ, et al. **J Cardiovasc Pharmacol** 1984 Nov-Dec;6(6):1156-60

Hemodynamic effects of ICI 118.587 (Corwin) in patients with mild cardiac failure after myocardial infarction. Svensson G, et al. **J Cardiovasc Pharmacol** 1985 Jan-Feb;7(1):97-101

The bronchosparing effect of celiprolol, a new beta 1- alpha 2-receptor antagonist on pulmonary function of propranolol-sensitive asthmatics. Matthys H, et al. **J Clin Pharmacol** 1985 Jul-Aug;25(5):354-9

New chiral and isomeric cyclopropyl ketoxime propanolamine derivatives with potent beta-adrenergic blocking properties. Bouzoubaa M, et al. **J Med Chem** 1985 Jul;28(7):896-900

Effects of betamethasone and ritodrine on the fetal secretion of lung surfactant. Hallman M, et al. **J Perinat Med** 1985;13(1):23-9

Aspects of the cardiovascular pharmacology of exaprolol. Hughes B, et al. **J Pharm Pharmacol** 1984 Sep;36(9):597-601

Chronic effects of arotinolol (S-596) in spontaneously hypertensive rats. Kishi K, et al. **J Pharmacobiodyn** 1985 Jan;8(1):50-5

Pharmacology of bucindolol in isolated canine vascular smooth muscle. Rimele TJ, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):317-25

Effects of tertatolol on post- and prejunctional beta adrenoceptors. Verbeuren TJ, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):801-9

Irreversible antagonism of beta-adrenoceptors with para-amino-benzyl-carazolol provides further evidence for an atypical rat adipocyte beta-adrenoceptor. Bojanic D, et al. **J Recept Res** 1984;4(1-6):21-35

Effects of long use of a beta-blocker, carteolol, on exercise hemodynamics in hypertensives. Katori R, et al. **Jpn Circ J** 1985 Jan;49(1):52-60

A study on the cardiodepressant action of a beta-blocking agent carteolol in heart-lung preparation of the dog. Ono H, et al. **Jpn Circ J** 1984 Sep;48(9):1030-44

The hemodynamics and hemodynamic effects of indenolol in mild hypertension. Hashimoto Y, et al. **Jpn Heart J** 1984 Nov;25(6):1029-45

Effects of S-596, a new beta-adrenoceptor blocking agent on the left ventricular performance of normal subjects during exercise. Nishida K, et al. **Jpn Heart J** 1985 May;26(3):437-49

Effects of ritodrine hydrochloride, a beta 2-adrenoceptor stimulant, on uterine motilities in late pregnancy. Ikeda S, et al. **Jpn J Pharmacol** 1984 Jul;35(3):319-26

Pharmacological investigation of ritodrine hydrochloride, a beta 2-adrenoceptor stimulant. Ikeda S, et al. **Jpn J Pharmacol** 1984 Dec;36(4):477-84

Pharmacodynamic and pharmacokinetic studies on prizidilol and nipradilol (K-351), antihypertensive drugs with combined vasodilator and beta-adrenoceptor blocking actions, in rabbits. Kawashima K, et al. **Jpn J Pharmacol** 1984 Dec;36(4):519-26

Actions of nipradilol (K-351), a new alpha- and beta-adrenoceptor blocker, on the rabbit portal vein. Nanjo T, et al. **Jpn J Pharmacol** 1984 Aug;35(4):359-69

Beta-adrenergic blocking effects and cardiodepressant activity of penbutolol and its two optical isomers in the guinea-pig left atrium. Badía A, et al. **Methods Find Exp Clin Pharmacol** 1984 Aug;6(8):445-8

Effects of para-substituted beta-adrenoceptor blocking agents and methyl-substituted phenoxypropanolamine derivatives on maximum upstroke velocity of action potential in guinea-pig papillary muscles. Ban T, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Mar;329(1):77-85

Possible alpha-adrenoceptor blocking activity of arotinolol (S-596), a new beta-adrenoceptor blocking agent in isolated dog coronary artery. Sakanashi M, et al. **Pharmacology** 1984;29(4):204-9

Effects of an antihypertensive agent, nipradilol, on isolated coronary artery of the dog. Sakanashi M, et al. **Pharmacology** 1984;29(5):241-6

Selectivity of bevantolol hydrochloride, a beta 1-adrenoceptor antagonist, in asthmatic patients. Löfdahl CG, et al. **Pharmacotherapy** 1984 Jul-Aug;4(4):205-10

Antagonistic effects of guanabenz, carteolol, and muzolimine on hypertensive responses in the anesthetized dog. Marmo E, et al. **Res Commun Chem Pathol Pharmacol** 1984 Oct;46(1):25-33

[Comparison of the effect of timolol and metipranolol on axoplasmic transport in the optic nerve] Brožek B, et al. **Cesk Oftalmol** 1984 Sep;40(5):276-81 (Eng. Abstr.) **(Cze)**

[Changes in sweating during exertion. Effects of beta-blocker treatment] Mallion JM, et al. **Arch Mal Coeur** 1984 Oct; 77(11):1256-60 (Eng. Abstr.) **(Fre)**

[The problem of the characterization of butoxamine as a specific antagonist of the metabolic effects of sympathomimetics] Ankermann H. **Biomed Biochim Acta** 1985;44(4):645-8 **(Ger)**

[Effect of the beta blockader carazolol (Suacron) on parturition in sows] Rudloff PR, et al. **Tierarztl Prax** 1984; 12(4):443-9 (Eng. Abstr.) **(Ger)**

[Intrinsic sympathomimetic action and its special features as demonstrated by the beta-1-receptor blocker celiprolol] Pittner H. **Wien Klin Wochenschr [Suppl]** 1985;162:1-21 (102 ref.) (Eng. Abstr.) **(Ger)**

[Modification of myocardial function parameters by L- and D-penbutolol--an echocardiography, placebo-controlled double-blind study] Grube E, et al. **Z Kardiol** 1985 Feb; 74(2):99-105 (Eng. Abstr.) **(Ger)**

[Effect of beta 1-partial agonist(ICI 118-587) on plasma catecholamines level and hemodynamics during exercise in congestive heart failure] Sato H, et al. **Kokyu To Junkan** 1984 Nov;32(11):1159-62 **(Jpn)**

[Effects of ritodrine hydrochloride on motor nervous system and central nervous system] Ikeda S, et al. **Nippon Yakurigaku Zasshi** 1984 Sep;84(3):311-26 (Eng. Abstr.) **(Jpn)**

[The effect of quaternary salts of exaprolol on disorders of cardiac rhythm in experimental myocardial infarct] Kittová M, et al. **Bratisl Lek Listy** 1984 Aug;82(2):963-72 (Eng. Abstr.) **(Slo)**

[The effect of VULM 411 on the rhythmogenic center of the myocardium] Gibala P, et al. **Cesk Farm** 1985 May; 34(3-4):131-4 (Eng. Abstr.) **(Slo)**

[The effect of trimepranol on metabolism in the ischemic heart muscle] Gvozdják J, et al. **Vnitr Lek** 1985 Mar; 31(3):209-15 (Eng. Abstr.) **(Slo)**

[Beta-blocking power of bunitrolol (KO 1366) in segments of rat lung] Villar A, et al. **Arch Farmacol Toxicol** 1985 Apr;11(1):27-32 (Eng. Abstr.) **(Spa)**

POISONING

[Simulation of intramural heart infarct in ECG by beta-receptor blockader] Schüffler J, et al. **Z Gesamte Inn Med** 1984 Dec 1;39(23):597-600 (Eng. Abstr.) **(Ger)**

THERAPEUTIC USE

Aminophylline treatment of preterm labor. Melis GB, et al. **Acta Eur Fertil** 1984 Sep-Oct;15(5):357-61

Trimepranol, a Czechoslovak-made beta blocker, in the treatment of acute myocardial infarction. Charvát J, et al. **Acta Univ Carol [Med] (Praha)** 1984;30(1-2):117-23

Long-term experience with nadolol in treatment of hypertension and angina pectoris. Alexander JC, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1136-40

Beta-blocking therapy in atrial and ventricular tachyarrhythmias: experience with nadolol. Coumel P, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1098-108

Effects of nadolol on the spontaneous and exercise-provoked heart rate of patients with chronic atrial fibrillation receiving stable dosages of digoxin. DiBianco R, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1121-7

Treatment of resting tremor by beta-adrenergic blockade. Foster NL, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1173-7

Veterans Administration cooperative study on nadolol as monotherapy and in combination with a diuretic. Freis ED. **Am Heart J** 1984 Oct;108(4 Pt 2):1087-91

Long-term renal hemodynamic effects of nadolol in patients with essential hypertension. Frohlich ED, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1141-3

Effects of nadolol treatment on renal and hepatic hemodynamics and function in cirrhotic patients with portal hypertension. Gatta A, et al. **Am Heart J** 1984 Oct; 108(4 Pt 2):1167-72

Beneficial effect of nadolol on anxiety-induced disturbances of performance in musicians: a comparison with diazepam and placebo. James I, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1150-5

Atenolol, nadolol, and pindolol in angina pectoris on effort: effect of pharmacokinetics. Kostis JB, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1131-6

Peripheral hemodynamic effects of short-term nadolol administration in essential hypertension. Levenson J, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1177-82

Twenty-four-hour blood pressure profile and blood pressure variability in untreated hypertension and during antihypertensive treatment by once-a-day nadolol. Mancia G, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1078-83

Nadolol in hypertensive patients maintained on long-term hemodialysis. Michaels RS, et al. **Am Heart J** 1984 Oct; 108(4 Pt 2):1091-4

Beta-adrenergic blockade by nadolol in control of ventricular tachyarrhythmias. Nademanee K, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1109-15

Comparative study of nadolol and propranolol in prophylactic treatment of migraine. Ryan RE Sr. **Am Heart J** 1984 Oct;108(4 Pt 2):1156-9

A comparison of propranolol and nadolol pharmacokinetics and clinical effects in thyrotoxicosis. Wilkinson R, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1160-7

Use of ritodrine in uterine inversion [letter] Clark SL. **Am J Obstet Gynecol** 1985 Mar 1;151(5):705

Ritodrine infusion during late pregnancy: effects on fetal and placental blood flow, prostacyclin, and thromboxane. Jouppila P, et al. **Am J Obstet Gynecol** 1985 Apr 15; 151(8):1028-32

Effects of topical betaxolol, timolol, and placebo on pulmonary function in asthmatic bronchitis [letter] Spiritus EM, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):492-4

Physiologic and biochemical effects of ritodrine therapy on the mother and perinate. Hancock PJ, et al. **Am J Perinatol** 1985 Jan;2(1):1-6

Nadolol as a treatment for akathisia. Ratey JJ, et al. **Am J Psychiatry** 1985 May;142(5):640-2

Peripheral beta-adrenergic blockade treatment of parkinsonian tremor. Foster NL, et al. **Ann Neurol** 1984 Oct;16(4):505-8

Differential cardioprotective properties of the l- and d-enantiomers of bucindolol in a canine model of heart failure. Weyl JD, et al. **Arch Int Pharmacodyn Ther** 1985 May;275(1):4-12

Betaxolol and timolol [letter] Harrison R. **Arch Ophthalmol** 1984 Oct;102(10):1424, 1426

Betaxolol and acetazolamide. Combined ocular hypotensive effect. Smith JP, et al. **Arch Ophthalmol** 1984 Dec; 102(12):1794-5

Suloctidil: long-term trial in the aged. Study of microcirculation, viscosity, red cell deformability, fibrinolysis and lipid fractions. Merchan R, et al. **Arzneimittelforschung** 1985;35(5):855-7

Influence of indometacin and acetylsalicylic acid on the therapeutic effectiveness of talinolol in patients with essential hypertension. Sziegoleit W, et al. **Biomed Biochim Acta** 1984;43(8-9):S463-6

Effect of xamoterol (ICI 118587), a new beta1 adrenoceptor partial agonist, on resting haemodynamic variables and exercise tolerance in patients with left ventricular dysfunction. Molajo AO, et al. **Br Heart J** 1985 Jul; 54(1):17-21

Effect of Corwin (ICI 118587) on resting and exercise heart rate and exercise tolerance in digitalised patients with chronic atrial fibrillation. Molajo AO, et al. **Br Heart J** 1984 Oct;52(4):392-5

Initial clinical experience with ICI 141,292 (Visacor), a new selective beta 1-adrenoceptor blocker with ISA--a multicentre trial in 59 patients. Dahlöf B, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):831-6

Ritodrine therapy associated with remission of pemphigoid gestationis [letter] Macdonald KJ, et al. **Br J Dermatol** 1984 Nov;111(5):630

Sex steroid hormone concentrations in preterm labour and the outcome of treatment with ritodrine. Hanssens MC, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):698-702

Use of an ultra short-acting beta-blocker in patients with acute myocardial ischemia. Kirshenbaum JM, et al. **Circulation** 1985 Oct;72(4):873-80

Efficacy of a new antihypertensive agent (indenolol) assessed by ambulatory blood pressure monitoring. Trimarco B, et al. **Clin Exp Hypertens** [A] 1985;7(2-3):395-9

Hypocholesterolaemic activity of suloctidil: double-blind, crossover short-term and long-term treatment trial. Chieffo C, et al. **Curr Med Res Opin** 1984;9(3):147-52

Antihypertensive efficacy and tolerance of penbutolol: results of a co-operative study in 227 patients. Marone C, et al. **Curr Med Res Opin** 1985;9(6):417-25

Penbutolol and molsidomine synergism in angina pectoris. A double blind ergometric trial. Balestrini AE, et al. **Eur J Clin Pharmacol** 1984;27(1):1-5

Nadolol in combination with indapamide and xipamide in resistant hypertensives. Dean S, et al. **Eur J Clin Pharmacol** 1985;28(1):29-33

Dose-response relationship of the beta-adrenoceptor antagonist bisoprolol in patients with coronary heart disease and chronic obstructive bronchitis. Dorow P, et al. **Eur J Clin Pharmacol** 1984;27(2):135-9

Ventilatory effects of beta 1-receptor-selective blockade with bisoprolol and metoprolol in asthmatic patients. Lammers JW, et al. **Eur J Clin Pharmacol** 1984;27(2):141-5

Esmolol: a new ultrashort-acting beta-adrenergic blocking agent for rapid control of heart rate in postoperative supraventricular tachyarrhythmias. Gray RJ, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1451-6

Nadolol and placebo comparison study in the prophylactic treatment of migraine. Freitag FG, et al. **J Am Osteopath Assoc** 1984 Dec;84(4):343-7

Longterm treatment of hypertension with penbutolol. Kundu SC, et al. **J Assoc Physicians India** 1984 Jun;32(6):473-5

The antiarrhythmic actions of intravenous and oral UM424 in postinfarction canine myocardium. Gibson JK, et al. **J Cardiovasc Pharmacol** 1985 Mar-Apr;7(2):211-8

Comparative effects of dobutamine and corwin, a beta 1-adrenergic partial agonist, in experimental left ventricular failure. Vik-Mo H, et al. **J Cardiovasc Pharmacol** 1985 Jul-Aug;7(4):784-90

Short- and long-term studies of bucindolol in mild to moderate hypertension: efficacy, safety, and exercise responses. Rosendorff C, et al. **J Clin Pharmacol** 1985 Apr; 25(3):233-6

Indenolol: a new antihypertensive agent: efficacy, toxicity, and hemodynamic effects in a crossover double-blind study with metoprolol. Trimarco B, et al. **J Clin Pharmacol** 1985 Jul-Aug;25(5):328-36

Nadolol: evidence for sympathetic nerve inhibition by a beta blocker in essential hypertension. Bernstein KN, et al. **J Hypertens** 1983 Oct;1(3):291-6

Refractory hypertension [letter] Gillum RF. **J Natl Med Assoc** 1984 Nov;76(11):1048

Beta-adrenoreceptor mechanisms in essential tremor: a comparative single dose study of the effect of a non-selective and a beta-2 selective adrenoreceptor antagonist. Cleeves L, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):976-82

Anti-arrhythmic effect of nadolol in experimental arrhythmias: comparison with propranolol and alprenolol. Nakashima M, et al. **J Pharmacobiodyn** 1985 Jan;8(1):1-10

Effects of intravenous ritodrine on lactate and pyruvate levels: role of glycemia and anaerobiosis. Cano A, et al. **Obstet Gynecol** 1985 Aug;66(2):207-10

Treatment of premature labor in insulin-dependent diabetic women. Miodovnik M, et al. **Obstet Gynecol** 1985 May; 65(5):621-7

A secondary prevention, randomized trial of suloctidil in patients with a recent history of thromboembolic stroke. Gent M, et al. **Stroke** 1985 May-Jun;16(3):416-24

An evaluation of suloctidil in the prevention of deep vein thrombosis in neurosurgical patients. Turpie AG, et al. **Thromb Res** 1985 Jul 15;39(2):173-81

Effect of suloctidil on platelet function in patients with shortened platelet survival time. Turpie AG, et al. **Thromb Res** 1984 Aug 15;35(4):397-406

[Dynamic changes in the duration of uterine contractions during beta-adrenomimetic tocolysis in the case of an intact amniotic sac] Ivanov S. **Akush Ginekol (Sofiia)** 1984; 23(6):483-6 (Eng. Abstr.) **(Bul)**

[Monitoring changes in the heart rate of the premature fetus during tocolysis with the beta-adrenomimetics partusisten and Pre-par] Ivanov S, et al. **Akush Ginekol (Sofiia)** 1985; 24(1):36-9 (Eng. Abstr.) **(Bul)**

[Monitoring changes in the reactivity of the premature fetus during tocolysis with the beta-adrenomimetics Partusisten and Pre-par] Ivanov S, et al. **Akush Ginekol (Sofiia)** 1985; 24(2):34-6 (Eng. Abstr.) **(Bul)**

[Dynamic changes in the mean values of systolic blood pressure during tocolysis with the beta-adrenomimetic Pre-par] Ivanov S. **Akush Ginekol (Sofiia)** 1985;24(1):40-3 (Eng. Abstr.) **(Bul)**

[A comparative study of carteolol and propranolol on exercise performance in patients with chronic stable angina pectoris] Liu PH, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Apr;84(4):457-61 (Eng. Abstr.) **(Chi)**

[Effect of locally administered beta blockers in congenital and secondary glaucoma in childhood] Brožek B, et al. **Cesk Oftalmol** 1985 Jul;41(4):231-4 (Eng. Abstr.) **(Cze)**

[Penbutolol and propranolol in the treatment of hypertension. A double-blind comparative study in general practice] Astvad K, et al. **Ugeskr Laeger** 1984 Oct 8;146(41):3104-6 (Eng. Abstr.) **(Dan)**

[Action of betaxolol on ventricular arrhythmias. Control of efficacy and tolerance by repetitive Holter recordings] Fillette F, et al. **Ann Cardiol Angeiol (Paris)** 1985 Jun; 34(6):409-12 (Eng. Abstr.) **(Fre)**

[Role of adrenergic beta receptor partial agonists in left ventricular failure of ischemic origin. Value of xamoterol (ICI 118,587, Corwin)] Rousseau MF, et al. **Ann Med Interne (Paris)** 1985;136(3):247-50 (Eng. Abstr.) **(Fre)**

[The beta-blocker levomoprolol in the treatment of glaucoma] Pecori-Giraldi J, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:433-6 **(Fre)**

[Changes in hemodynamics and renal function during the oral administration of betaxolol] Pathe M, et al. **Therapie** 1985 Jul-Aug;40(4):209-12 (Eng. Abstr.) **(Fre)**

[Effect of bisoprolol in coronary heart disease. Effect on cardiovascular parameters and ischemic ST depression: studies on the duration of the effect] Prager G, et al. **Dtsch Med Wochenschr** 1984 Dec 14;109(50):1914-7 (Eng. Abstr.) **(Ger)**

[Treatment of hypertensive hyperuricemic patients with a new beta blocker-diuretic combination] Brandstetter G, et al. **Wien Klin Wochenschr** 1984 Sep 28;96(18):696-9 (Eng. Abstr.) **(Ger)**

[Treatment of medium-severe essential hypertension with beta-Aldopur under practice conditions] Tutsch G, et al. **Wien Med Wochenschr [Suppl]** 1985;89:215-21 (Eng. Abstr.) **(Ger)**

[Combined use of talinolol and beta adrenergic stimulants in status asthmaticus. Report on 3 patients] Oltmanns G, et al. **Z Erkr Atmungsorgane** 1984;163(3):297-303 (Eng. Abstr.) **(Ger)**

[Effects of acute administration of the levogyral beta-blocker levomoprolol on the exercise test in angina pectoris] Lai C, et al. **Cardiologia** 1984 Dec;29(12):605-14 (Eng. Abstr.) **(Ita)**

[Controlled study of the antihypertensive efficacy of the combination of nadolol and bendroflumethiazide with respect to nadolol alone and placebo] Cherchi A, et al. **Clin Ter** 1985 May 31;113(4):301-6 (Eng. Abstr.) **(Ita)**

[Effects of nadolol in hyperthyroidism] Opocher G, et al. **Clin Ter** 1985 Apr 30;113(2):99-103 (Eng. Abstr.) **(Ita)**

[Interactions between beta-mimetics and indices of feto-placental function] Forcucci-Zulli M, et al. **Minerva Ginecol** 1985 Mar;37(3):89-92 (Eng. Abstr.) **(Ita)**

[Further observations on the use of Suloctidil (Sulocton) in the treatment of migraine] Prusiński A, et al. **Wiad Lek**

1984 Dec 1;37(23):1857–9 (Eng. Abstr.) **(Pol)**

[Mitral valve prolapse. Evaluation of the efficacy of nadolol on the control of clinical symptoms and on the normalization of electrocardiographic tracings] Bichuette HS. **Arq Bras Cardiol** 1984 Dec;43(6):449–56 (Eng. Abstr.) **(Por)**

[Ambulatory treatment of• hypertension with the beta-blockader corgard (nadolol)] Charyev KhE, et al. **Ter Arkh** 1984;56(11):43–6 (Eng. Abstr.) **(Rus)**

[Antiarrhythmic effects of VULM 411 in models of experimental arrhythmias] Gibala P, et al. **Cesk Farm** 1984 Dec;33(10):425–8 (Eng. Abstr.) **(Slo)**

[Clinical evaluation of penbutolol (Hoe, 893 d) (beta adrenergic blockader), alone and in combination with hydrochlorothiazide, in the treatment of arterial hypertension. I: Effect on arterial hypertension. Comparative study of 2 parallel groups with crossed sequences by the simple-blind method] Ocón J, et al. **Med Clin (Barc)** 1985 Jun 1;85(1):13–6 (Eng. Abstr.) **(Spa)**

[Clinical evaluation of penbutolol (Hoe 893d) (beta adrenergic blocker), alone and in combination with hydrochlorothiazide, in the treatment of arterial hypertension. II. Effect on plasma electrolytes, renal function, plasma renin and aldosterone activity and risk factors, including plasma lipids] Ocón J, et al. **Med Clin (Barc)** 1985 Jun 8;85(2):53–7 (Eng. Abstr.) **(Spa)**

[Effectiveness of a new beta adrenergic blocking agent (penbutolol) in the treatment of ischemic cardiopathy] Ortuño Aznar F, et al. **Med Clin (Barc)** 1985 May 18; 84(19):766–8 (Eng. Abstr.) **(Spa)**

TOXICITY

Circulatory and renal effects of ritodrine infusion [letter] Clark SL, et al. **Am J Obstet Gynecol** 1985 Apr 15; 151(8):1143–5

Comparison of the Arrhythmogenic Actions of (-)-Isoprenaline, Dobutamine and the selective beta 1-adrenoceptor agonist, (+/-)-(1-[3',4'-dihydroxyphenoxy] -2-hydroxy-[3',4'-dimethoxy phenethylamino]-propane)-oxalate (Ro 363). Maccarrone C, et al. **Arzneimittelforsch** 1985;35(3):592–8

Tumor-initiating activity of the beta-blocker ZAMI 1305 in the liver of the female Wistar rat. Zavanella T, et al. **Cancer Lett** 1984 Nov;25(1):1–11

Thyroid and chemical hepatocarcinogenesis: further insights from the hepatocarcinogen ZAMI 1305. Presta M, et al. **Toxicol Pathol** 1984;12(1):49–55

Inhibition of DNA and RNA synthesis in rat liver nuclei by oncogenic and non-oncogenic beta-blockers. Riboni L, et al. **Toxicol Pathol** 1985;13(1):18–25

PROPANTHELINE

ADMINISTRATION & DOSAGE

A steady-state evaluation of the effects of propantheline bromide and cholestyramine on the bioavailability of digoxin when administered as tablets or capsules. Brown DD, et al. **J Clin Pharmacol** 1985 Jul–Aug;25(5):360–4

ANALYSIS

X-ray powder diffraction data for propantheline bromide. Kountourellis JE, et al. **Acta Pharm Suec** 1985;22(1):59–61

Identification of a propantheline analog in propantheline bromide tablets. Ford BL, et al. **J Assoc Off Anal Chem** 1984 Sep–Oct;67(5):934–9

PHARMACODYNAMICS

Bioavailability studies with ciglitazone in beagles. II. Effect of propantheline bromide and metoclopramide HCL on bioavailability of a tablet. Cox SR, et al. **Biopharm Drug Dispos** 1985 Jan–Mar;6(1):81–90

Scanning electron microscopic study of the eccrine ostia of mouse foot pads after application of antiperspirant. Lee S, et al. **Yonsei Med J** 1983;24(2):123–6

PROPERDIN

METABOLISM

[Properdin levels in the amniotic fluid, maternal venous and umbilical cord blood serum in complicated pregnancy] Orlik-Runge T, et al. **Ginekol Pol** 1984 Apr;55(4):243–8 (Eng. Abstr.) **(Pol)**

PROPERDIN FACTOR B see under **ENZYME PRECURSORS**

PROPERDIN FACTOR D see under **COMPLEMENT ACTIVATING ENZYMES**

PROPERICIAZINE

BLOOD

Measurement of propericiazine in plasma by capillary gas chromatography and selected ion monitoring detection. De Leenheer AP, et al. **Biomed Mass Spectrom** 1985 Jan; 12(1):25–9

PROPHAGE EXCISION see **VIRUS ACTIVATION**

PROPHAGE INDUCTION see **VIRUS ACTIVATION**

PROPHAGE INTEGRATION see **LYSOGENY**

PROPHAM see under **HERBICIDES, CARBAMATE**

PROPHASE

The synaptonemal complex in genetic segregation. von Wettstein D, et al. **Annu Rev Genet** 1984;18:331–413

Biosynthesis of specific histones during meiotic prophase of mouse spermatogenesis. Bhatnagar YM, et al. **Biol Reprod** 1985 Apr;32(3):599–609

Number of germ cells and meiotic prophase stages in fetal rat ovaries cultured in vitro. Prépin J, et al. **J Reprod Fertil** 1985 Mar;73(2):579–83

[Ultrastructural changes in female germ cells during the meiotic prophase in the rat: a special study of membranes after cryofracture] Bézard J, et al. **Reprod Nutr Dev** 1984; 24(6):865–86 (Eng. Abstr.) **(Fre)**

[Synaptonemal complexes in mammals. I. The nature and mechanism of the formation of centric chromosome fusions (Robertsonian translocations)] Demin IuS, et al. **Genetika (Moskva)** 1984 Sep;20(9):1499–506 (Eng. Abstr.) **(Rus)**

PROPHENIRAMINE see **PHENIRAMINE**

PROPHENPYRIDAMINE see **PHENIRAMINE**

PROPIDIUM see under **PHENANTHRIDINES**

PROPIOLACTONE see under **LACTONES**

PROPIOMAZINE

PHARMACODYNAMICS

Effect of propiomazine on plasma prolactin in the rat: counteraction by L-dopa. Fayez M, et al. **Proc Soc Exp Biol Med** 1985 Apr;178(4):606–9

THERAPEUTIC USE

Diazepam, promethazine and propiomazine as hypnotics in elderly inpatients. Viukari M, et al. **Neuropsychobiology** 1984;12(2–3):134–7

PROPIONATES

Potential hypolipidemic agents. XXI. Stereochemistry of 2-(4-dibenzofuranyloxy)-2-methylpropionic acid and related compounds. Stjernström NE, et al. **Acta Pharm Suec** 1984;21(5):265–70

Propionic acid-derived non-steroidal antiinflammatory drugs are phototoxic in vitro. Ljunggren B. **Photodermatol** 1985 Feb;2(1):3–9

ADMINISTRATION & DOSAGE

Clinical trial of flurbiprofen to maintain pupillary dilation during cataract surgery. Keates RH, et al. **Ann Ophthalmol** 1984 Oct;16(10):919–21

Oxaprozin dose proportionality. Chiang ST, et al. **J Clin Pharmacol** 1984 Nov–Dec;24(11–12):515–22

A once-daily antiinflammatory drug, oxaprozin, in the treatment of juvenile rheumatoid arthritis. The Pediatric Rheumatology Collaborative Study Group [letter] Bass JC, et al. **J Rheumatol** 1985 Apr;12(2):384–6

ADVERSE EFFECTS

Acute multisystem toxicity associated with the use of nonsteroidal anti-inflammatory drugs [letter] Ghose RR, et al. **Arch Intern Med** 1984 Nov;144(11):2282–3

Effects of fenofibrate on biliary lipids and bile acid pool size in patients with type IV hyperlipoproteinemia. Podda M, et al. **Atherosclerosis** 1985 May;55(2):135–42

Flurbiprofen interaction with single doses of atenolol and propranolol. Webster J, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):861–6

Side-effects of benoxaprofen [letter] Inman WH, et al. **Lancet** 1984 Dec 8;2(8415):1336

Guilty plea puts Oraflex case to rest [news] Marshall E. **Science** 1985 Sep 13;229(4718):1071

[Erythema multiforme with multiorificial ectodermosis during a treatment with fenbufen (letter)] Chagnon A, et al. **Presse Med** 1984 Oct 27;13(38):2326–7 **(Fre)**

[Protective effects of cyclodextrin on the local irritation induced by aqueous preparations of flurbiprofen] Masuda K, et al. **Yakugaku Zasshi** 1984 Oct;104(10):1075–82 (Eng. Abstr.) **(Jpn)**

ANALYSIS

High-performance liquid chromatographic analysis of tiaprofenic acid and its metabolites in plasma and urine by direct injection. Jamali F, et al. **J Chromatogr** 1984 Oct 12;310(2):327–33

High-performance liquid chromatographic separation of the enantiomers of anti-inflammatory 2-arylpropionates: suitability of the method for in vitro metabolic studies. Maître JM, et al. **J Chromatogr** 1984 Sep 21;299(2):397–403

Analysis of solid-state Carbon-13 NMR spectra of polymorphs (benoxaprofen and nabilone) and pseudopolymorphs (cefazolin). Byrn SR, et al. **J Pharm Sci** 1985 May;74(5):565–8

Improvement of dissolution and suppository release characteristics of flurbiprofen by inclusion complexation with heptakis(2,6-di-O-methyl)-beta-cyclodextrin. Uekama K, et al. **J Pharm Sci** 1985 Aug;74(8):841–5

BLOOD

Cerebellar hemorrhage complicating methylmalonic and propionic acidemia. Dave P, et al. **Arch Neurol** 1984 Dec; 41(12):1293–6

Binding of tiaprofenic acid to human sera and isolated serum proteins. Nilsen OG, et al. **Arzneimittelforschung** 1985; 35(6):984–7

The effect of intravenous L-carnitine on propionic acid excretion in acute propionic acidaemia. Böhles H, et al. **Eur J Pediatr** 1984 Nov;143(1):61–3

Tolerability and serum levels of benoxaprofen in healthy volunteers. Furlanut M, et al. **Int J Clin Pharmacol Res** 1983;3(3):163–6

Rapid high-performance liquid chromatographic analysis of oxaprozin, a non-steroidal anti-inflammatory agent. Matlis R, et al. **J Chromatogr** 1984 Oct 12;310(2):445–9

Experience with prenatal diagnosis of propionic acidaemia and methylmalonic aciduria. Fensom AH, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:127–8

In vivo studies on the metabolic derangement in a patient with D-glyceric acidaemia and hyperglycinaemia. Kølvraa S, et al. **J Inherited Metab Dis** 1984;7(2):49–52

Determination of flurbiprofen in human serum by reverse-phase high-performance liquid chromatography with fluorescence detection. Albert KS, et al. **J Pharm Sci** 1984 Dec;73(12):1823–5

Identification of methyl-branched chain dicarboxylic acids in amniotic fluid and urine in propionic and methylmalonic acidemia. Jakobs C, et al. **Pediatr Res** 1984 Nov; 18(11):1185–91

CHEMICAL SYNTHESIS

Studies on hypolipidemic agents. I. 3-Benzoylglycidic acid derivatives. Tomisawa K, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3066–74

Opioid agonists and antagonists. 6-Desoxy-6-substituted lactone, epoxide, and glycidate ester derivatives of naltrexone and oxymorphone. Koolpe GA, et al. **J Med Chem** 1985 Jul;28(7):949–57

METABOLISM

Propionate loading test for liver function during experimental liver necrosis in sheep. Gröhn Y, et al. **Am J Vet Res** 1985 Apr;46(4):952–8

Metabolism of propionate to acetate in the cockroach Periplaneta americana. Halarnkar PP, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):526–34

The regulation of hepatic gluconeogenesis using alpha-ketoisovalerate and propionate as precursors. Patel TB, et al. **Arch Biochem Biophys** 1984 Sep;233(2):362–9

Single dose pharmacokinetics of tiaprofenic acid. Effects of food and severe renal insufficiency. Nilsen OG, et al. **Arzneimittelforschung** 1985;35(5):871–5

Steady state pharmacokinetics of tiaprofenic acid in elderly patients. Nilsen OG, et al. **Arzneimittelforschung** 1985; 35(5):875–9

Propionate transport in rat liver cells. Fafournoux P, et al. **Biochim Biophys Acta** 1985 Aug 8;818(1):73–80

Effect of acetate and octanoate on tricarboxylic acid cycle metabolite disposal during propionate oxidation in the perfused rat heart. Sundqvist KE, et al. **Biochim Biophys Acta** 1984 Oct 16;801(3):429–36

Some biochemical observations on gluconeogenesis from propionate in hepatocytes isolated from normal and biotin-deficients rats. Djabal A, et al. **Biol Cell** 1985; 53(1):81–4

Oxaprozin pharmacokinetics in the elderly. Greenblatt DJ, et al. **Br J Clin Pharmacol** 1985 Mar;19(3):373–8

Pharmacokinetics of oral and rectal flurbiprofen in children. Scaroni C, et al. **Eur J Clin Pharmacol** 1984;27(3):367–9

Absorption and disposition kinetics of flunoxaprofen and benoxaprofen in healthy volunteers. Furlanut M, et al. **Int J Clin Pharmacol Res** 1985;5(3):165–70

Biosynthesis of chrysomycins A and B. Origin of the chromophore. Carter GT, et al. **J Antibiot (Tokyo)** 1985 Feb;38(2):242–8

Effects of food on oxaprozin bioavailability. Chiang ST, et al. **J Clin Pharmacol** 1984 Aug–Sep;24(8–9):381–5

The uricosuric effect of oxaprozin in humans. Goldfarb S, et al. **J Clin Pharmacol** 1985 Mar;25(2):144–8

Measures of de novo synthesis of milk components from propionate in lactating goats. Emmanuel B, et al. **J Dairy Sci** 1985 Feb;68(2):312–9

Absorption through human skin of ibuprofen and flurbiprofen; effect of dose variation, deposited drug films, occlusion and the penetration enhancer N-methyl-2-pyrrolidone. Akhter SA, et al. **J Pharm Pharmacol** 1985 Jan;37(1):27–37

Ocular and systemic bioavailability of ophthalmic flurbiprofen. Tang-Liu DD, et al.

J Pharmacokinet Biopharm 1984 Dec;12(6):611-26

Propionate loading test for liver function in spontaneously ketotic dairy cows. Gröhn Y. **Res Vet Sci** 1985 Jul; 39(1):24-8

Lack of covalent binding of peroxisome proliferators nafenopin and Wy-14 643 to DNA in vivo and in vitro. Goel SK, et al. **Toxicol Lett** 1985 Jan;24(1):37-43

Absorption of 3-nitropropanol and 3-nitropropionic acid from the digestive system of sheep. Pass MA, et al. **Toxicol Lett** 1984 Oct;23(1):1-7

PHARMACODYNAMICS

Effect of propionate infusion on plasma glucagon, insulin and growth hormone concentrations in lactating dairy cows. Sartin JL, et al. **Acta Endocrinol (Copenh)** 1985 Jul; 109(3):348-54

Potential hypolipidemic agents. XXI. Stereochemistry of 2-(4-dibenzofuranyloxy)-2-methylpropionic acid and related compounds. Stjernström NE, et al. **Acta Pharm Suec** 1984;21(5):265-70

Methyl palmoxirate increases Ca2+-myosin ATPase activity and changes myosin isoenzyme distribution in the diabetic rat heart. Dillmann WH. **Am J Physiol** 1985 May;248(5 Pt 1):E602-6

Electrophysiological effects of propionate and bicarbonate on gallbladder epithelium. Petersen KU, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):C58-69

Inhibition of growth and patulin synthesis in Penicillium expansum by potassium sorbate and sodium propionate in culture. Lennox JE, et al. **Appl Environ Microbiol** 1984 Nov;48(5):1031-3

The histopathology of corneal neovascularization. Inhibitor effects. Robin JB, et al. **Arch Ophthalmol** 1985 Feb; 103(2):284-7

Fenofibrate reduces low density lipoprotein catabolism in hypertriglyceridemic subjects. Shepherd J, et al. **Arteriosclerosis** 1985 Mar-Apr;5(2):162-8

Effect of fenofibrate and LF 2151 on hepatic peroxisomes in hamsters. Pourbaix S, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3661-6

Effect of methyl palmoxirate, an oral hypoglycemic agent, on epinephrine-induced hyperglycemia in the rat. Tutwiler GF, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2217-20

A 31P-nuclear magnetic resonance study of skeletal muscle metabolism in rats depleted of creatine with the analogue beta-guanidinopropionic acid. Shoubridge EA, et al. **Biochim Biophys Acta** 1984 Sep 14;805(1):79-88

Flurbiprofen and thyroid function tests. Cremoncini CM, et al. **Br J Clin Pract** 1984 Nov-Dec;38(11-12):399-402

Reduction of urinary excretion of PGE2 and 6 keto PGF1 alpha by tiaprofenic acid. Lote CJ, et al. **Br J Pharmacol** 1985 May;85(1):7-10

Uncoupling of CA3 pyramidal neurons by propionate. MacVicar BA, et al. **Brain Res** 1985 Mar 18;330(1):141-5

Effects of the oral hypoglycemic agent methyl palmoxirate on exercise capacity of rats. Young JC, et al. **Can J Physiol Pharmacol** 1984 Jul;62(7):815-8

Benoxaprofen attenuation of lethal canine endotoxic shock. Toth PD, et al. **Circ Shock** 1985;15(2):89-103

Tiaprofenic acid. Poletto B. **Clin Rheum Dis** 1984 Aug; 10(2):333-51 (69 ref.)

Benoxaprofen has no influence on the urinary elimination of lithium. Danion JM, et al. **Contrib Nephrol** 1984; 42:248-52

The effect of tiaprofenic acid on blood pressure control in treated hypertensive patients. Smith MD, et al. **Curr Med Res Opin** 1985;9(6):388-93

Effect of sodium 2-chloropropionate on glucagon secretion in the rat. Ribes G, et al. **Diabetes** 1985 Jun;34(6):536-40

Prostaglandins in colonic anastomotic healing. Brennan SS, et al. **Dis Colon Rectum** 1984 Nov;27(11):723-5

In vivo effects of indomethacin and flurbiprofen on the locomotion of neutrophils elicited by immune and non-immune inflammation in the rat. Perianin A, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):327-33

Effects of S-596 and carteolol, new beta-adrenergic blockers, and flurbiprofen on the human eye: a fluorophotometric study. Araie M, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;222(4-5):259-62

Comparative effects of etodolac, indomethacin, and benoxaprofen on icosanoid biosynthesis. Sirois P, et al. **Inflammation** 1984 Dec;8(4):353-64

Inhibition of polymorphonuclear leucocyte motility by benoxaprofen related to activation of cellular oxidative metabolism. Anderson R, et al. **Int J Immunopharmacol** 1984;6(4):269-74

Response of starter pigs to supplementation of corn-soybean meal diets with organic acids. Giesting DW, et al. **J Anim Sci** 1985 May;60(5):1288-94

Effects of propionate and methylmalonate on conversions of acetate, butyrate, and D(-)-3-hydroxybutyrate to fatty acids and carbon dioxide by mammary tissue slices of goats. Emmanuel B, et al. **J Dairy Sci** 1985 Mar;68(3):751-4

Endocrine changes with infusion of propionate in the dairy cow. Peters JP, et al. **J Dairy Sci** 1984 Oct;67(10):2455-9

Alkyl esters of 3-adenin-9-yl-2-hydroxypropanoic acid: a new class of broad-spectrum antiviral agents. De Clercq E, et al. **J Med Chem** 1985 Mar;28(3):282-7

Effect of sodium propionate on the contractile response of the rat ileum in situ. Yajima T. **Jpn J Pharmacol** 1984 Jul; 35(3):265-71

Anti-arthritic propionic acid derivatives and 17-oxosteroid measurements--a direct interference. Ng LL, et al. **Postgrad Med J** 1985 Aug;61(718):739-40

Effect of mixed organic acid administration on blood levels of chlortetracycline in broiler chicks. Wyatt RD, et al. **Poult Sci** 1985 Jan;64(1):59-64

Inhibition of mitochondrial carnitine palmitoyl transferase A in vivo with methyl 2-tetradecylglycidate (methyl palmoxirate) and its relationship to ketonemia and glycemia. Tutwiler GF, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):288-96

Comparative study of antiinflammatory drugs and sulphasalazine in relation to prostaglandin E and 19 hydroxylated prostaglandin E levels and human male fertility. Freixa R, et al. **Prostaglandins Leukotrienes Med** 1984 Dec;16(3):359-69

Flurbiprofen: a potent inhibitor of alveolar bone resorption in beagles. Williams RC, et al. **Science** 1985 Feb 8; 227(4687):640-2

Flurbiprofen and immunosuppression of Trypanosoma brucei infection in the goat. van der Zee CE, et al. **Vet Immunol Immunopathol** 1985 Apr;8(4):341-50

POISONING

Tiaprofenic acid overdose. Köppel C, et al. **Arzneimittelforsch** 1984;34(7):836-7

Fatal self-poisoning with benoxaprofen. Fancourt GJ, et al. **Hum Toxicol** 1984 Dec;3(6):517-9

Chemical energy usage during isometric twitches of frog sartorius muscle intoxicated with an isomer of creatine, beta-guanidinopropionate. De Saedeleer M, et al. **Pflugers Arch** 1984 Oct;402(2):185-9

THERAPEUTIC USE

Infarct-size limitation--real or artifactual. Studies with flurbiprofen using a reperfusion model. Yellon DM, et al. **Adv Myocardiol** 1985;6:619-27

Flurbiprofen pretreatment in argon laser trabeculoplasty for primary open-angle glaucoma. Weinreb RN, et al. **Arch Ophthalmol** 1984 Nov;102(11):1629-32

Effects of fenofibrate on high and low density lipoprotein metabolism in heterozygous familial hypercholesterolemia. Malmendier CL, et al. **Atherosclerosis** 1985 May; 55(2):161-9

Comparative evaluation of the effects of ciprofibrate and fenofibrate on lipids, lipoproteins and apoproteins A and B. Rouffy J, et al. **Atherosclerosis** 1985 Mar;54(3):273-81

Efficacy of oxaprozin in the treatment of articular symptoms of Behçet's disease. Takeuchi A, et al. **Clin Rheumatol** 1984 Sep;3(3):397-9

Inhibition of contact lens-induced corneal neovascularization in radial keratotomized rabbit eyes. Katz HR, et al. **Cornea** 1984;3(1):65-72

The efficacy of flurbiprofen versus piroxicam in the treatment of acute soft tissue rheumatism. Rosenthal M. **Curr Med Res Opin** 1984;9(5):304-9

Tiaprofenic acid. A review of its pharmacological properties and therapeutic efficacy in rheumatic diseases and pain states. Sorkin EM, et al. **Drugs** 1985 Mar;29(3):208-35 (88 ref.)

Fenofibrate therapy of hypertriglyceridaemia. Differential effects on LDL cholesterol level in type IV and in type IIb primary hyperlipoproteinaemia. Sommariva D, et al. **Eur J Clin Pharmacol** 1984;26(6):741-4

A controlled comparison of tiaprofenic acid and ibuprofen in osteoarthritis. Lambert JR, et al. **Int J Clin Pharmacol Res** 1985;5(3):161-4

A controlled trial of tiaprofenic acid against indomethacin in patients with rheumatoid arthritis. Nichol FE, et al. **Int J Clin Pharmacol Res** 1985;5(3):157-9

Mechanism of hyperglycemia and response to treatment with an inhibitor of fatty acid oxidation in a patient with insulin resistance due to antiinsulin receptor antibodies. Mandarino L, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):658-64

Comparison of the analgesic efficacy of flurbiprofen and aspirin for postsurgical dental pain. Mardirossian G, et al. **J Oral Maxillofac Surg** 1985 Feb;43(2):106-9

Non-steroidal anti-inflammatory drug treatment of periodontitis in beagles. Williams RC, et al. **J Periodont Res** 1984 Nov;19(6):633-7

Benoxaprofen reduces osteophyte formation and fibrillation after articular cartilage injury. Williams JM, et al. **J Rheumatol** 1985 Feb;12(1):27-32

Nonsteroidal anti-inflammatory agents after argon laser trabeculoplasty. A trial with flurbiprofen and indomethacin. Hotchkiss ML, et al. **Ophthalmology** 1984 Aug;91(8):969-76

Evaluation of methylprednisolone and flurbiprofen for inhibition of the postoperative inflammatory response. Sisk AL, et al. **Oral Surg Oral Med Oral Pathol** 1985 Aug; 60(2):137-45

Long-term effects of fenofibrate on serum lipids and on lipoprotein cholesterol in type II hyperlipoproteinemic patients. Sommariva D, et al. **Pharmacol Res Commun** 1984 Aug;16(8):809-20

A comparative trial of the analgesic effect of tiaprofenic acid and indomethacin in post-operative pain following spinal surgery in patients with radicular syndrome. van der Aa HE. **Pharmatherapeutica** 1984;4(1):43-7

[Prolonged survival after cardiac fissure treated medically] Gillon JC, et al. **Cah Anesthesiol** 1985 Apr-May; 33(3):253-5 **(Fre)**

[Flurbiprofen. A new anti-inflammatory analgesic] Turcotte JY, et al. **Can Dent Assoc J** 1985 Mar;51(3):217-9 (Eng. Abstr.) **(Fre)**

[Tiaprofenic acid in rheumatic diseases] Kchir MM, et al. **Tunis Med** 1983 Jan-Feb;61(1):11-2 **(Fre)**

[Non-steroid anti-inflammatory drugs and beta-endorphin] Di Matteo L, et al. **Boll Soc Ital Biol Sper** 1985 May 30; 61(5):769-75 (Eng. Abstr.) **(Ita)**

[The effects of prostaglandin synthetase inhibitor on male infertility] Fuse H, et al. **Hinyokika Kiyo** 1984 Oct; 30(10):1439-45 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of oxaprozin in the treatment of acute upper respiratory tract inflammations--a double-blind comparative study using ibuprofen as the control drug] Matsumoto K, et al. **Kansenshogaku Zasshi** 1984 Jul; 58(7):628-46 (Eng. Abstr.) **(Jpn)**

[A double-blind clinical evaluation of flurbiprofen on acute upper respiratory tract inflammation--comparative study with ibuprofen] Tamura M, et al. **Kansenshogaku Zasshi** 1984 Dec;58(12):1289-303 (Eng. Abstr.) **(Jpn)**

[Anti-inflammatory effect of topically applied pranoprofen-gel] Terasawa M, et al. **Nippon Yakurigaku Zasshi** 1985 Apr;85(4):283-96 (Eng. Abstr.) **(Jpn)**

[Efficacy of oxaprozin in the treatment of articular symptoms of Behçet's disease] Takeuchi A, et al. **Ryumachi** 1985 Feb; 25(1):38-41 (Eng. Abstr.) **(Jpn)**

[Comparison of the hypolipemic effects of bezafibrate and fenofibrate in patients with hyperlipoproteinemia type II and IV] Sznajderman M. **Przegl Lek** 1984;41(7):493-9 (Eng. Abstr.) **(Pol)**

TOXICITY

Effects of the hepatocarcinogen nafenopin, a peroxisome proliferator, on the activities of rat liver glutathione-requiring enzymes and catalase in comparison to the action of phenobarbital. Furukawa K, et al. **Cancer Res** 1985 Oct;45(10):5011-9

Effects of the hepatocarcinogenic peroxisome-proliferating hypolipidemic agents clofibrate and nafenopin on the rat liver cell membrane enzymes gamma-glutamyltranspeptidase and alkaline phosphatase and on the early stages of liver carcinogenesis. Numoto S, et al. **Carcinogenesis** 1984 Dec;5(12):1603-11

Nafenopin-induced rat liver peroxisome proliferation reduces DNA methylation by N-nitrosodimethylamine in vivo. Wiestler OD, et al. **Carcinogenesis** 1985 Sep;6(9):1309-13

Absence of a promoting or sequential syncarcinogenic effect in rat liver by the carcinogenic hypolipidemic drug nafenopin given after N-2-fluorenylacetamide. Numoto S, et al. **Toxicol Appl Pharmacol** 1985 Jan;77(1):76-85

URINE

Biochemical evidence of carnitine effect on propionate elimination. Sugiyama N, et al. **J Inherited Metab Dis** 1984; 7(3):137-8

[Analysis of methionine metabolism studied by the gas chromatographic determination of 3-methylthiopropionate in urine and its clinical application] Yoshida Y. **Hokkaido Igaku Zasshi** 1985 Mar;60(2):183-94 (Eng. Abstr.) **(Jpn)**

PROPIONIBACTERIUM

ANALYSIS

Polyacrylamide gel electrophoresis (PAGE) of whole-cell proteins of cutaneous Propionibacterium species. Nordstrom KM. **J Med Microbiol** 1985 Feb;19(1):9-14

CLASSIFICATION

[Characteristics of Propionibacterium strains isolated from patients with acne juvenilis and from healthy persons] Kasprowicz A, et al. **Med Dosw Mikrobiol** 1984; 36(4):197-206 (Eng. Abstr.) **(Pol)**

DRUG EFFECTS

[Interaction in the antibacterial activity of flavonoids from Sophora japonica L. to Propionibacterium] Kimura M, et al. **Yakugaku Zasshi** 1984 Apr;104(4):340-6 (Eng. Abstr.) **(Jpn)**

ENZYMOLOGY

Kinetic mechanism of pyrophosphate-dependent phosphofructokinase from Propionibacterium freudenreichii. Bertagnolli BL, et al. **Biochemistry** 1984 Aug 28;23(18):4101-8

Phosphorylation enzymes of the propionic acid bacteria and the roles of ATP inorganic pyrophosphate, and polyphosphates. Wood HG, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):312-5

GENETICS

Selection of a biologically active mutant of Propionibacterium shermanii and the possibility of its use in complex therapy of enteral dysbacteriosis. Sidorchuk II, et al. **J Hyg Epidemiol Microbiol Immunol** 1984; 28(3):331-8

Cloning and expression of the 1.3S biotin-containing subunit of transcarboxylase. Murtif VL, et al.

Proc Natl Acad Sci USA 1985 Sep;82(17):5617–21

IMMUNOLOGY

Morphology and function of liver after intravenous and intraportal injections of the immunomodulating agent Propionibacterium granulosum. Gil J, et al. **Exp Pathol** 1984;26(2):85–92

Cytotoxic lymphocytes in rat tumor in situ: effect of intraperitoneal injections of Propionibacterium avidum. Hojo H, et al. **Gann** 1985 Jan;76(1):53–60

Small-cell lung cancer and immunochemotherapy with Propionibacterium granulosum KP 45. Roszkowski K, et al. **J Cancer Res Clin Oncol** 1985;109(1):72–7

ISOLATION & PURIFICATION

The pathological and ecological significance of microorganisms colonizing acne vulgaris comedones. Leeming JP, et al. **J Med Microbiol** 1985 Aug;20(1):11–6

METABOLISM

[Solubilizing effect of anionic detergents on cobalamin-protein compounds in Propionibacterium shermanii cells] Eliseev SA, et al. **Mikrobiologiia** 1985 Jan–Feb;54(1):166–7 (Eng. Abstr.) **(Rus)**

[Conditions for porphyrin formation by propionic acid bacteria] Poluliakh OV, et al. **Prikl Biokhim Mikrobiol** 1985 Mar–Apr;21(2):154–60 (Eng. Abstr.) **(Rus)**

PROPIONIBACTERIUM ACNES

Intradermal injection of Propionibacterium acnes: a model of inflammation relevant to acne. De Young LM, et al. **J Invest Dermatol** 1984 Nov;83(5):394–8

Adverse effect of intrapleural Corynebacterium parvum as adjuvant therapy in resected stage I and II non-small cell carcinoma of the lung. Ludwig Lung Cancer Study Group. **J Thorac Cardiovasc Surg** 1985 Jun;89(6):842–7

Further experience of Corynebacterium parvum in malignant pleural effusion. McLeod DT, et al. **Thorax** 1985 Jul; 40(7):515–8

ANALYSIS

Propionibacterium, Corynebacterium, Mycobacterium and Lepra bacilli. Barksdale L, et al. **Acta Leprol (Geneve)** 1984 Oct–Dec;(95):153–74

Structure of acidic polysaccharide from cell wall of Propionibacterium acnes strain C7. Nagaoka M, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1669–78

IMMUNOLOGY

Experimental otitis media in guinea pigs. Serum antibody response to Bacteroides fragilis, Propionibacterium acnes and Peptostreptococcus anaerobius upon challenge. Thore M. **Acta Otolaryngol [Suppl] (Stockh)** 1984;414:143–6

Interferon inducibility in mice treated with Corynebacterium parvum. Storch E, et al. **Antiviral Res** 1985 Apr;5(2):117–23

Isolation of an acidic polysaccharide antigen from Propionibacterium acnes. Iversen OJ, et al. **Arch Dermatol Res** 1985;277(3):225–9

Treatment of C3H mice bearing solid Gardner lymphosarcoma with vaccine prepared from Corynebacterium parvum combined with methotrexate and Alexan. Motyčka K, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(4):413–9

Effect of vaccine prepared from Corynebacterium parvum on the growth of Gardner lymphosarcoma in C3H strain mice. Motyčka K, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(4):405–12

Enhanced thermal response of a rat sarcoma by Corynebacterium parvum. Shah SA. **Cancer Lett** 1985 Mar; 26(2):235–40

Role of inflammatory neutrophils in antitumor effects induced by intraperitoneal administration of Corynebacterium parvum in mice. Lichtenstein AK, et al. **Cancer Res** 1984 Nov;44(11):5118–23

Treatment of malignant pleural effusions with intrapleural Corynebacterium parvum or tetracycline. Leahy BC, et al. **Eur J Respir Dis** 1985 Jan;66(1):50–4

Attempts to correlate interferon induction and activation of natural killer cells by Corynebacterium parvum. Chmielarczyk W, et al. **Immunobiology** 1985 May; 169(4):403–11

Corynebacterium parvum augments antibody production in splenectomized mice and mice with sham operations. Hebert JC, et al. **Infect Immun** 1985 Jun;48(3):795–8

Susceptibility of Propionibacterium acnes to killing and degradation by human neutrophils and monocytes in vitro. Webster GF, et al. **Infect Immun** 1985 Jul;49(1):116–21

Bacterial products as immunomodulating agents. Gialdroni-Grassi G, et al. **Int Arch Allergy Appl Immunol** 1985;76 Suppl 1:119–27

Activation of peritoneal lymphocyte cytotoxicity in patients with ovarian cancer by intraperitoneal treatment with Corynebacterium parvum. Lichtenstein A, et al. **J Biol Response Mod** 1984 Aug;3(4):371–8

Acne-like chronic inflammatory activity of Propionibacterium acnes preparations in an animal model: correlation with ability to stimulate the reticuloendothelial system. De Young LM, et al. **J Invest Dermatol** 1985 Sep; 85(3):255–8

Antibody titers to Propionibacterium acnes cell wall carbohydrate in nodulocystic acne patients. Webster GF, et al. **J Invest Dermatol** 1985 Jun;84(6):496–500

In vitro generation of procoagulant activity by Corynebacterium parvum-stimulated mononuclear leukocytes. Miragliotta G, et al. **J Leukocyte Biol** 1985 Jan;37(1):101–8

The effect of the immunomodulator corynebacterium parvum on hemisplenectomized mice. Cooney DR, et al. **J Pediatr Surg** 1984 Dec;19(6):810–7

Adjuvant Corynebacterium parvum immunotherapy for squamous cell epitheliomas of the oral cavity, pharynx, and larynx. Neifeld JP, et al. **J Surg Oncol** 1985 Feb; 28(2):137–45

The quantity and function of pulmonary alveolar macrophages after splenectomy and Corynebacterium parvum. Cioffi WG, et al. **J Trauma** 1985 May;25(5):405–9

Immunomodulation of NK and ADCC by Corynebacterium parvum in acute myeloid leukaemia patients. Hokland P, et al. **Leuk Res** 1985;9(1):175–84

Protection by polyI:polyC against infection with herpes simplex virus in mice pretreated with Corynebacterium parvum. Storch E, et al. **Nat Immun Cell Growth Regul** 1983–84;3(3):134–42

The importance of parasite load in the killing of Plasmodium vinckei in mice treated with Corynebacterium parvum or alloxan monohydrate. Cox FE, et al. **Parasitology** 1984 Dec;89 (Pt 3):417–24

Inhibition of bacterial translocation from the gastrointestinal tract by nonspecific immunostimulation. Fuller KG, et al. **Prog Clin Biol Res** 1985;181:195–8

The protective effect of pretreatment with killed Corynebacterium parvum against acute babesiosis in calves. Corrier DE, et al. **Vet Parasitol** 1984 Aug;15(2):165–8

The involvement of dendritic cells in the handling of the immune stimulant C. parvum. A morphological investigation using immunoperoxidase techniques. Mignot MH, et al. **Virchows Arch [Cell Pathol]** 1985;48(4):317–24

Fatty acid composition of a Propionibacterium acnes vaccine and its relationship to immunostimulatory activity. Julák J, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Dec; 258(2–3):296–309

[Effects on the lymphreticular system and inhibition of liver microsomaal cytochrome P-450 in mice administered Priopionibacterium acnes (Corynebacterium parvum) bacterin] Očenášková J, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 Mar;34(2):100–6 (Eng. Abstr.) **(Cze)**

[Influence of Corynebacterium parvum, BCG, OK-432 and Lactobacillus casei on the hepatic drug-metabolizing systems and on the oxygen radical production by fixed macrophages in liver of BALB/c mouse] Hashimoto S, et al. **Yakugaku Zasshi** 1984 Apr;104(4):356–61 (Eng. Abstr.) **(Jpn)**

[Proliferative response of murine lymphocytes caused by the activity of amphiphilic molecules from Propionibacterium acnes] Melgar MM, et al. **Rev Esp Fisiol** 1985 Jun; 41(2):225–33 (Eng. Abstr.) **(Spa)**

ISOLATION & PURIFICATION

[Composition of normal bacterial flora of human skin in relation to the age and sex of examined persons] Wilburg J, et al. **Przegl Dermatol** 1984 Nov–Dec;71(6):551–7 (Eng. Abstr.) **(Pol)**

METABOLISM

Influence of pH on porphyrin production in Propionibacterium acnes. Kjeldstad B, et al. **Arch Dermatol Res** 1984;276(6):396–400

Cytotoxic activity of Propionibacterium acnes and other skin organisms. Allaker RP, et al. **Br J Dermatol** 1985 Aug; 113(2):229–35

Photodestruction of Propionibacterium acnes porphyrins. Melø TB, et al. **Z Naturforsch [C]** 1985 Jan–Feb; 40(1–2):125–8

PATHOGENICITY

[Antagonistic properties of Propionibacterium strains isolated from acne lesions] Kasprowicz A, et al. **Med Dosw Mikrobiol** 1984;36(3):145–52 (Eng. Abstr.) **(Pol)**

PHYSIOLOGY

Disappearance and reappearance of resident macrophages: importance in C. parvum-induced tumoricidal activity. Haskill S, et al. **Cell Immunol** 1985 Jan;90(1):179–89

Increased sensitivity of Corynebacterium parvum-treated mice to toxic effects of indomethacin and lipopolysaccharide. Hart DA. **Infect Immun** 1985 Feb; 47(2):408–14

PROPIONIC ACIDS see under **PROPIONATES**

PROPIOPHENONES

[Plant growth inhibitory activity of semicarbazones derived from phenylthioacetaldehydes and phenylthiopropanones] Alves A, et al. **Ann Pharm Fr** 1984;42(2):169–77 (Eng. Abstr.) **(Fre)**

ADVERSE EFFECTS

Allergic contact dermatitis to dyclonine hydrochloride simulating extensive herpes simplex labialis. Purcell SM, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):231–4

A case of mania secondary to propafenone. Jack RA. **J Clin Psychiatry** 1985 Mar;46(3):104–5

Bupropion--an antidepressant without sexual pathophysiological action. Gardner EA, et al. **J Clin Psychopharmacol** 1985 Feb;5(1):24–9

[Cholestasis after antiarrhythmic therapy with propafenone] Konz KH, et al. **Dtsch Med Wochenschr** 1984 Oct 5; 109(40):1525–7 (Eng. Abstr.) **(Ger)**

ANALYSIS

Studies on the metabolism of propafenone. 1st Comm.: synthesis and chromatographic/mass spectrometric properties of the labelled compound and of the reference substances. Hege HG, et al. **Arzneimittelforsch** 1984; 34(8):843–9

[Study on dycloninium-selective electrodes] Yao SZ, et al. **Yao Hsueh Hsueh Pao** 1983 Nov;18(11):871–4 (Eng. Abstr.) **(Chi)**

[Sappanchalcone from Caesalpinia sappan L., the proposed biosynthetic precursor of brazilin] Nagai M, et al. **Yakugaku Zasshi** 1984 Sep;104(9):935–8 (Eng. Abstr.) **(Jpn)**

BLOOD

Simultaneous determination of propafenone and 5-hydroxypropafenone in plasma by means of high pressure liquid chromatography. Brode E, et al. **Arzneimittelforsch** 1984;34(11):1455–60

Determination of plasma bupropion and its relationship to therapeutic effect. Fogel P, et al. **Biomed Mass Spectrom** 1984 Dec;11(12):629–32

Determination of plasma protein binding of propafenone in rats, dogs and humans by highly sensitive gas chromatography-mass spectrometry. Higuchi S, et al. **J Chromatogr** 1985 Jun 14;341(2):305–11

Determination of bupropion and its major basic metabolites in plasma by liquid chromatography with dual-wavelength ultraviolet detection. Cooper TB, et al. **J Pharm Sci** 1984 Aug;73(8):1104–7

CHEMICAL SYNTHESIS

Potential antitumor agents, XII. Alkylating agents from p-hydroxypropiophenone and p-hydroxyacetophenone. Andreani A, et al. **Arch Pharm (Weinheim)** 1984 Jul; 317(7):583–7

Decomposition of 1-aryl-3-dimethylamino-1-propanone methobromides under weakly acidic conditions. Dimmock JR, et al. **Pharmazie** 1984 Jul;39(7):467–70

[Phenoxy- and phenylthiochalcones. Effect of substitution on the antifungal and antiprotozoal activity] Simon D, et al. **Ann Pharm Fr** 1984;42(3):271–82 (Eng. Abstr.) **(Fre)**

[14C-labeling of alifedrine hydrochloride, a new positive inotropic compound] Engel J, et al. **Arch Pharm (Weinheim)** 1985 May;318(5):465–7 (Eng. Abstr.) **(Ger)**

[Synthesis and pharmacologic activity of derivatives of 3-aminopropiophenone and 3-aminomethylcamphor] Occelli E, et al. **Farmaco [Sci]** 1985 Feb;40(2):86–101 (Eng. Abstr.) **(Ita)**

DIAGNOSTIC USE

Evaluation of the p-nitro-alpha-acetylamino-beta-hydroxypropiophenone differential test for identification of Mycobacterium tuberculosis complex. Morgan MA, et al. **J Clin Microbiol** 1985 Apr;21(4):634–5

METABOLISM

Clinical pharmacology of propafenone: pharmacokinetics, metabolism and concentration-response relations. Siddoway LA, et al. **Am J Cardiol** 1984 Nov 14; 54(9):9D–12D

Studies on the metabolism of propafenone. 2nd comm.: studies on the biotransformation in the dog. Hege HG, et al. **Arzneimittelforsch** 1984;34(9):972–9

Metabolite cumulation during chronic propafenone dosing in arrhythmia. Kates RE, et al. **Clin Pharmacol Ther** 1985 Jun;37(6):610–4

Kynuramine: high affinity for [3H]tryptamine binding sites. Charlton KG, et al. **Eur J Pharmacol** 1984 Nov 27; 106(3):661–4

Dihydrochalcone metabolism in the rat: phloretin. Monge P, et al. **Xenobiotica** 1984 Dec;14(12):917–24

PHARMACODYNAMICS

Electrophysiologic effects of propafenone [letter] Seipel L. **Am Heart J** 1984 Dec;108(6):1587–8

Effect of propafenone on left ventricular ejection fraction. Baker BJ, et al. **Am J Cardiol** 1984 Nov 14;54(9):20D–22D

Block of sodium currents by antiarrhythmic agents: analysis of the electrophysiologic effects of propafenone in heart muscle. Kohlhardt M. **Am J Cardiol** 1984 Nov 14; 54(9):13D–19D

Electrophysiology and pharmacology of aprindine, encainide, and propafenone. Zipes DP, et al.

Ann NY Acad Sci 1984;432:201-9 (38 ref.)

Oxyfedrine and propranolol. A comparative experimental approach to protect myocardium against isoprenaline-induced myocardial necrosis. Seth SD, et al. **Arzneimittelforsch** 1984;34(6):678-83

Pharmacological studies on propafenone and its main metabolite 5-hydroxypropafenone. von Philipsborn G, et al. **Arzneimittelforsch** 1984;34(11):1489-97

Chalcone carboxylic acids. Potent differentiation inducers of human promyelocytic cells HL-60. Shudo K, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):404-7

The effect of bupropion, a new antidepressant drug, and alcohol and their interaction in man. Hamilton MJ, et al. **Eur J Clin Pharmacol** 1984;27(1):75-80

Affinity changes of rat striatal dopamine receptors in vivo after acute bupropion treatment. Bischoff S, et al. **Eur J Pharmacol** 1984 Sep 3;104(1-2):173-6

Epicardial, endocardial and transmural mapping in assessing electrophysiological effects of 14-C lidocaine and 14-C propafenone on activation times in experimental chronic myocardial infarction. Correlations with myocardial drugs concentrations. Naccarella FF, et al. **G Ital Cardiol** 1984 Oct;14(10):825-9

Oral oxyfedrine on left ventricular performance in patients of ischaemic heart disease. Puri VK, et al. **J Assoc Physicians India** 1985 Apr;33(4):269-71

Structure-activity relationship of estrogens: receptor affinity and estrogen antagonist activity of certain (E)- and (Z)-1,2,3-triaryl-2-propen-1-ones. Mittal S, et al. **J Med Chem** 1985 Apr;28(4):492-7

The studies on the role of gastric glycoproteins with reference to cytoprotection: protective effect of prostaglandin E2 and sofalcone on ethanol-induced necrosis. Fujimoto N, et al. **J Pharmacobiodyn** 1984 Nov;7(11):864-71

Effects of sofalcone on necrotizing agents-induced gastric lesions and on endogenous prostaglandins in rats stomachs. Saziki R, et al. **J Pharmacobiodyn** 1984 Nov;7(11):791-7

Effects of etafenone on myocardial energy metabolism as studied by an organ redoximeter and biochemical analyses. Etoh Y, et al. **Jpn J Pharmacol** 1984 Jul;35(3):229-35

Cardiac norepinephrine releasing action of kynuramine, an endogenous diamine derived from L-tryptophan. Johnson TD, et al. **Life Sci** 1984 Dec 3;35(23):2303-10

Vasoconstrictor and norepinephrine potentiating action of 5-hydroxykynuramine in the isolated perfused rat kidney: involvement of serotonin receptors and alpha 1-adrenoceptors. Charlton KG, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Dec;328(2):154-9

Potentiation of the vasoconstriction to norepinephrine in the isolated perfused rat kidney by 5-hydroxykynuramine, an endogenous amine related to 5-hydroxytryptamine. Charlton KG, et al. **Proc West Pharmacol Soc** 1984;27:391-4

Characterization of the bupropion cue in the rat: lack of evidence for a dopaminergic mechanism. Blitzer RD, et al. **Psychopharmacology (Berlin)** 1985;85(2):173-7

[Effect of oral propafenon on accessory pathways of atrioventricular conduction] Lacroix H, et al. **Arch Mal Coeur** 1985 Apr;78(4):622-7 (Eng. Abstr.) **(Fre)**

[New antiarrhythmia agents: propafenone and flecainide] Leclercq JF. **Presse Med** 1985 Mar 23;14(12):685-9 (Eng. Abstr.) **(Fre)**

[The importance of increased prostaglandins and prostacyclin for the effect of oxyfedrin in isolated guinea pig heart preparations] Mentz P, et al. **Arzneimittelforsch** 1984;34(12):1739-42 (Eng. Abstr.) **(Ger)**

[Mechanism of action of oxyfedrine as a partial beta receptor agonist] Sternitzke N, et al. **Z Kardiol** 1984 Sep;73(9):586-93 (Eng. Abstr.) **(Ger)**

THERAPEUTIC USE

Comparative investigation of the antiarrhythmic effect of propafenone (Rytmonorm) and lidocaine in patients with ventricular arrhythmias during acute myocardial infarction. Rehnqvist N, et al. **Acta Med Scand** 1984;216(5):525-30

Comparison of propafenone and disopyramide for treatment of chronic ventricular arrhythmias: placebo controlled, double-blind, randomized crossover study. Naccarella F, et al. **Am Heart J** 1985 Apr;109(4):833-40

Aggravation of electrically provoked ventricular tachycardia during treatment with propafenone. Stavens CS, et al. **Am Heart J** 1985 Jul;110(1 Pt 1):24-9

Effect of propafenone in the Wolff-Parkinson-White syndrome: electrophysiologic findings and long-term follow-up. Breithardt G, et al. **Am J Cardiol** 1984 Nov 14;54(9):29D-39D

European experience with the antiarrhythmic efficacy of propafenone for supraventricular and ventricular arrhythmias. Coumel P, et al. **Am J Cardiol** 1984 Nov 14;54(9):60D-66D

Efficacy of propafenone compared with quinidine in chronic ventricular arrhythmias. Dinh HA, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1520-4

Propafenone treatment of recurrent ventricular tachycardia: comparison of continuous electrocardiographic recording and electrophysiologic study in predicting drug efficacy. Heger JJ, et al. **Am J Cardiol** 1984 Nov 14;54(9):40D-44D

Double-blind placebo-controlled evaluation of propafenone in suppressing ventricular ectopic activity. Hodges M, et al. **Am J Cardiol** 1984 Nov 14;54(9):45D-50D

Propafenone for refractory ventricular arrhythmias: correlation with drug plasma levels during long-term treatment. Naccarella F, et al. **Am J Cardiol** 1984 Nov 1;54(8):1008-14

Propafenone: noninvasive evaluation of efficacy. Podrid PJ, et al. **Am J Cardiol** 1984 Nov 14;54(9):53D-59D

Antiarrhythmic and electrophysiologic effects of oral propafenone. Prystowsky EN, et al. **Am J Cardiol** 1984 Nov 14;54(9):26D-28D

Cytoprotective effect of sofalcone in the rat gastric mucosa. Isobe Y, et al. **Arzneimittelforsch** 1985;35(1):138-41

Holter monitoring comparative assessment of propafenone and dihydroquinidine efficacy in the treatment of premature ventricular beats. Rizzon P, et al. **Boll Soc Ital Cardiol** 1983 Sep;28(9):791-801

Propafenone for the treatment of severe ventricular arrhythmias. Rabkin SW, et al. **Can Med Assoc J** 1984 Sep 15;131(6):601-3

Propafenone. Brodsky MA, et al. **Chest** 1985 Aug;88(2):164-5

Oral propafenone in the suppression of chronic stable ventricular arrhythmias. Schamroth L, et al. **Chest** 1985 Apr;87(4):448-51

Bupropion hydrochloride. Dufresne RL, et al. **Drug Intell Clin Pharm** 1984 Dec;18(12):957-64 (62 ref.)

Efficacy of oral propafenone in chronic ventricular arrhythmias: a placebo controlled cross-over exercise study. Härtel G. **Eur Heart J** 1985 Feb;6(2):123-9

Oxyfedrine and cardiac inotropism in coronary artery disease. Krishnaswami S, et al. **Indian Heart J** 1984 May-Jun;36(3):161-5

Effect of oxyfedrine on exercise performance and systolic time intervals in patients of angina pectoris. Puri VK, et al. **Indian Heart J** 1984 Jul-Aug;36(4):226-30

Lidocaine, mexiletine and propafenone in the treatment of arrhythmias complicating myocardial infarction. A case report. Aguglia F, et al. **Int J Cardiol** 1985 Mar;7(3):303-6

A method for evaluating different modes of action of an antiarrhythmic drug in man. The effects of propafenone on sinus nodal functions. Alboni P, et al. **Int J Cardiol** 1985 Mar;7(3):255-65

Clinical evaluation of new antiarrhythmic agents: experiences with propafenone. Furlanello F, et al. **Int J Clin Pharmacol Res** 1983;3(2):101-5

Double-blind crossover clinical trial of oxyfedrine and propranolol in angina pectoris. Sagar S, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Apr;23(4):186-9

Electrophysiologic effects and clinical efficacy of oral propafenone therapy in patients with ventricular tachycardia. Chilson DA, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1407-13

Evaluation of the antirhinovirus chalcone Ro 09-0415 given orally to volunteers. Phillpotts RJ, et al. **J Antimicrob Chemother** 1984 Oct;14(4):403-9

Bupropion in the long-term treatment of cyclic mood disorders: mood stabilizing effects. Wright G, et al. **J Clin Psychiatry** 1985 Jan;46(1):22-5

Left ventricular function in acute myocardial infarction before and after oxyfedrine. Agrawal BV, et al. **J Indian Med Assoc** 1985 Jan;83(1):11-4

Effect of 2'-carboxymethoxy-4,4'-bis(3-methyl-2-butenyloxy) chalcone (sofalcone) on chronic gastric ulcers in rats. Kimura M, et al. **Jpn J Pharmacol** 1984 Aug;35(4):389-96

A clinical trial of bupropion in the treatment of depressed outpatients. Hughes S, et al. **Minn Med** 1984 Sep;67(9):501-5

Evaluating drug effects on children's cognitive functioning. Ferguson HB, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984;8(4-6):683-6

[Treatment of chronic ventricular extrasystole with propafenone (Rhythmonorm)] Dimitrov D. **Vutr Boles** 1984;23(4):65-9 (Eng. Abstr.) **(Bul)**

[Propafenone--a new antiarrhythmic agent. Clinical experience] Kozák P, et al. **Cas Lek Cesk** 1985 Mar 29;124(13):407-10 (Eng. Abstr.) **(Cze)**

[Anti-arrhythmic effect of oral propafenone. Apropos of 70 cases] Coumel P, et al. **Arch Mal Coeur** 1984 Nov;77(12):1370-82 (Eng. Abstr.) **(Fre)**

[Varicose vein drugs--new attempts at objectivation of the effects of therapy] Marshall M. **Fortschr Med** 1984 Aug 16;102(29-30):772-4 (Eng. Abstr.) **(Ger)**

[Therapy of ventricular arrhythmias with propafenone] Petri H, et al. **Herz** 1985 Feb;10(1):44-52 (Eng. Abstr.) **(Ger)**

[The treatment of arrhythmias in infants and children using propafenone] Dressler F, et al. **Monatsschr Kinderheilkd** 1985 Mar;133(3):154-7 (Eng. Abstr.) **(Ger)**

[The bronchospasmolytic effect of eprazinone] Haber P, et al. **Prax Klin Pneumol** 1985 Feb;39(2):54-8 (Eng. Abstr.) **(Ger)**

[Reperfusion damages to the heart in acute transitory coronary failure and their prevention with myophedrin] Vasilevskaia TA, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):97-100 (Eng. Abstr.) **(Rus)**

[Use of nicotinic acid and midocalm for correcting blood coagulation in patients with radiation edema of the extremities] Chekalina SI, et al. **Med Radiol (Mosk)** 1985 Aug;30(8):28-30 (Eng. Abstr.) **(Rus)**

[Anti-arrhythmic effects of propafenone in coronary patients with ventricular arrhythmias] Fiol M, et al. **Rev Esp Cardiol** 1984 May-Jun;37(3):196-200 (Eng. Abstr.) **(Spa)**

[Electrophysiological effects of intravenous and oral propafenone in patients with supraventricular paroxysmal tachycardias: correlation with drug blood levels] Moya A, et al. **Rev Esp Cardiol** 1985 May-Jun;38(3):198-202 (Eng. Abstr.) **(Spa)**

TOXICITY

The acute oral and intravenous toxicity of p-aminopropiophenone (PAPP) to laboratory rodents. Scawin JW, et al. **Toxicol Lett** 1984 Dec;23(3):359-65

PROPITOCAINE see **PRILOCAINE**

PROPLAST see under **POLYTETRAFLUOROETHYLENE**

PROPOLIS see under **RESINS**

PROPOXUR see **APROCARB**

PROPOXYCAINE

The absence of corneal toxicity with low-level topical anesthesia. Maurice DM, et al. **Am J Ophthalmol** 1985 Jun 15;99(6):691-6

PROPOXYPHENE

Proceedings of a symposium on distalgesic; safety and efficacy. London, 1984. **Hum Toxicol** 1984 Aug;3 Suppl:1S-238S

International regulatory status of dextropropoxyphene compounds. Gennery BA. **Hum Toxicol** 1984 Aug;3 Suppl:11S-12S

Abuse of weak opioid analgesics. Lader M. **Hum Toxicol** 1984 Aug;3 Suppl:229S-236S

ADMINISTRATION & DOSAGE

Propoxyphene on demand. Analgesic-seeking behavior in psychiatric inpatients. Winstead DK, et al. **Arch Gen Psychiatry** 1977 Dec;34(12):1463-8

A comparison between meptazinol and dextropropoxyphene plus paracetamol in elderly patients with musculoskeletal pains. Orö L. **Curr Med Res Opin** 1984;9(4):240-5

ADVERSE EFFECTS

Propoxyphene dependence and withdrawal. Strode SW. **Am Fam Physician** 1985 Sep;32(3):105-8

Propoxyphene and acetaminophen mixture (Darvocet)--related radiation-induced pneumonitis. Halpern J, et al. **Arch Intern Med** 1985 Aug;145(8):1509-10

Distalgesic abuse and retroperitoneal fibrosis. Critchley JA, et al. **Br J Urol** 1985 Aug;57(4):486-7

P's and blues: potentiation of propoxyphene withdrawal by a variety of antihistamines. Giannini AJ, et al. **J Toxicol Clin Toxicol** 1984;22(4):397-402

[Urination disorders during Abalgin medication? (letter)] Kodahl T. **Ugeskr Laeger** 1985 May 27;147(22):1789 **(Dan)**

ANALOGS & DERIVATIVES

Pharmacokinetics of dextropropoxyphene and nordextropropoxyphene in elderly hospital patients after single and multiple doses of distalgesic. Preliminary analysis of results. Crome P, et al. **Hum Toxicol** 1984 Aug;3 Suppl:41S-48S

Self-poisoning with dextropropoxyphene and dextropropoxyphene compounds: the USA experience. Finkle BS. **Hum Toxicol** 1984 Aug;3 Suppl:115S-134S

Measurement of dextropropoxyphene and nordextropropoxyphene in biological fluids. Flanagan RJ, et al. **Hum Toxicol** 1984 Aug;3 Suppl:103S-114S

Pharmacologic and toxic effects in animals of dextropropoxyphene and its major metabolite norpropoxyphene: a review. Nickander RC, et al. **Hum Toxicol** 1984 Aug;3 Suppl:13S-36S (37 ref.)

Liquid chromatographic determination of propoxyphene and norpropoxyphene in plasma and breast milk. Kunka RL, et al. **J Pharm Sci** 1985 Jan;74(1):103-4

ANALYSIS

Measurement of dextropropoxyphene and nordextropropoxyphene in biological fluids. Flanagan RJ, et al. **Hum Toxicol** 1984 Aug;3 Suppl:103S-114S

Detection of methadone and propoxyphene in stored tissue. Fransioli MG, et al. **J Anal Toxicol** 1980 Jan-Feb;4(1):46-8

Liquid chromatographic determination of propoxyphene and norpropoxyphene in plasma and breast milk. Kunka RL, et al. **J Pharm Sci** 1985 Jan;74(1):103-4

BLOOD

A high propoxyphene concentration. Eberhardt RD, et al. **J Anal Toxicol** 1984 Sep-Oct;8(5):246-7

METABOLISM

Pharmacokinetic interaction of propoxyphene with ethanol. Sellers EM, et al. **Br J Clin Pharmacol** 1985 Mar;19(3):398-401

D-propoxyphene kinetics in man: significance of a deep third compartment. Gram LF, et al. **Eur J Clin Pharmacol** 1984; 26(6):749–52

Pharmacokinetics of dextropropoxyphene and nordextropropoxyphene in elderly hospital patients after single and multiple doses of distalgesic. Preliminary analysis of results. Crome P, et al. **Hum Toxicol** 1984 Aug;3 Suppl:41S–48S

Pharmacokinetics of propoxyphene. Pearson RM. **Hum Toxicol** 1984 Aug;3 Suppl:37S–40S

Effect of oral charcoal and urine pH on dextropropoxyphene pharmacokinetics. Kärkkäinen S, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Apr;23(4):219–25

Assessment of biotransformation during transfer of propoxyphene and acetaminophen across the isolated perfused human placenta. Weigand UW, et al. **Pediatr Pharmacol (New York)** 1984;4(3):145–53

PHARMACODYNAMICS

Interaction of propoxyphene with diazepam, alprazolam and lorazepam. Abernethy DR, et al. **Br J Clin Pharmacol** 1985 Jan;19(1):51–7

Pharmacologic and toxic effects in animals of dextropropoxyphene and its major metabolite norpropoxyphene: a review. Nickander RC, et al. **Hum Toxicol** 1984 Aug;3 Suppl:13S–36S (37 ref.)

[Dextropropoxyphene] Simonsen K, et al. **Ugeskr Laeger** 1985 Feb 4;147(6):535–7 **(Dan)**

[Dextropropoxyphene causing elevation of gamma-glutamyl transferase] Persson J, et al. **Lakartidningen** 1985 Feb 13; 82(7):491–2 (Eng. Abstr.) **(Swe)**

POISONING

Circulatory shock following intravenous propoxyphene poisoning. An experimental study of cardiac function and metabolism in pentobarbital-anesthetized pigs. Bredgaard Sørensen M, et al. **Acta Anaesthesiol Scand** 1985 Jan; 29(1):130–6

Acute propoxyphene self-poisoning in 222 consecutive patients. Sloth Madsen P, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):661–5

Haemodynamic, electrocardiographic and cardiometabolic changes after overdose of propoxyphene. An experimental study in pentobarbitone-anaesthetized pigs. Bredgaard Sørensen M, et al. **Hum Toxicol** 1984 Aug;3 Suppl:53S–59S

Dextropropoxyphene poisoning: problems with interpretation of analytical data. Buckley BM, et al. **Hum Toxicol** 1984 Aug;3 Suppl:95S–101S

Fatal self-poisoning in the UK and the paracetamol/dextropropoxyphene combination. Dwyer PS, et al. **Hum Toxicol** 1984 Aug;3 Suppl:145S–174S

Self-poisoning with dextropropoxyphene and dextropropoxyphene compounds: the USA experience. Finkle BS. **Hum Toxicol** 1984 Aug;3 Suppl:115S–134S

Clinical features and management of Distalgesic overdose. Proudfoot AT. **Hum Toxicol** 1984 Aug;3 Suppl:85S–94S

Deaths from paracetamol and dextropropoxyphene (Distalgesic) poisoning in England and Wales in 1979. Vale JA, et al. **Hum Toxicol** 1984 Aug;3 Suppl:135S–143S

Dextropropoxyphene deaths: coroner's report. Whittington RM. **Hum Toxicol** 1984 Aug;3 Suppl:175S–185S

Deaths related to propoxyphene or codeine or both. Litman RE, et al. **J Forensic Sci** 1983 Jan;28(1):128–38

Dextropropoxyphene [letter] Edwards IR. **NZ Med J** 1985 Mar 27;98(775):201

[Treatment of oral dextropropoxyphene poisoning] Lund-Jacobsen H. **Ugeskr Laeger** 1985 Feb 4; 147(6):499–502 (Eng. Abstr.) **(Dan)**

THERAPEUTIC USE

Suprofen compared to dextropropoxyphene hydrochloride and paracetamol (Cosalgesic) after extraction of wisdom teeth under general anaesthesia. Rosen M, et al. **Anaesthesia** 1985 Jul;40(7):639–41

A comparative study of Propain and a dextropropoxyphene/paracetamol combination analgesic. Middleton RS, et al. **Br J Clin Pract** 1985 Jan;39(1):21–4

Propoxyphene and warfarin interaction [letter] Smith R, et al. **Drug Intell Clin Pharm** 1984 Oct;18(10):822

Analgesic efficacy of dextropropoxyphene and dextropropoxyphene-containing combinations: a review. Beaver WT. **Hum Toxicol** 1984 Aug;3 Suppl:191S–220S (69 ref.)

Distalgesic; safety and efficacy. Efficacy: UK experience. Sturrock RD. **Hum Toxicol** 1984 Aug;3 Suppl:221S–227S

Dextropropoxyphene [letter] Wooller HO. **NZ Med J** 1985 Feb 13;98(772):75

TOXICITY

Ethanol does not increase lethality due to propoxyphene in rats. Bodd E, et al. **Alcohol** 1985 Mar–Apr;2(2):293–6

Lack of evidence of increased lethality due to propoxyphene overdose in the presence of ethanol in male Wistar rats. Bodd E, et al. **Arch Toxicol** 1985 Jan;56(3):170–4

D-PROPOXYPHENE see **PROPOXYPHENE**

PROPOXYPHENE NAPSYLATE see under **PROPOXYPHENE**

PROPOXYPROCAINE see **PROPOXYCAINE**

PROPRANOLOL

Semi-empirical conformational analysis of propranolol interacting with dipalmitoylphosphatidylcholine. Brasseur R, et al. **Biochim Biophys Acta** 1985 May 28;815(3):341–50

[Use of adrenergic beta receptor blockaders for labor induction] Gerasimovich GI, et al. **Akush Ginekol (Mosk)** 1984 Dec;(12):27–30 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Oral and topical adrenergic beta-receptor blockers in glaucoma treatment. A multicenter study. Ohrström A, et al. **Acta Ophthalmol (Copenh)** 1984 Oct;62(5):681–95

Comparison of acebutolol and propranolol in essential hypertension. Wahl J, et al. **Am Heart J** 1985 Feb; 109(2):313–21

Combination propranolol and bepridil therapy in stable angina pectoris. Frishman WH, et al. **Am J Cardiol** 1985 Mar 15;55(7):43C–49C

Lidoflazine and propranolol combination treatment in chronic stable angina. Charlap S, et al. **Angiology** 1985 Apr; 36(4):240–52

Otolaryngologists using local anesthetics containing epinephrine [letter] **Arch Otolaryngol** 1985 Apr; 111(4):280–1

Dangers of propranolol withdrawal prior to local anesthesia with epinephrine [letter] Alexander GD. **Arch Otolaryngol** 1985 Apr;111(4):280

Effects of pildralazine alone and in combination on severe hypertension and cerebrovascular lesions in saline-drinking spontaneously hypertensive rats. Dorigotti L, et al. **Arzneimittelforsch** 1984;34(8):876–9

Antiarrhythmic therapy with flecainide in combination and comparison with propranolol. Stern H, et al. **Drugs** 1985; 29 Suppl 4:77–85

Systolic time intervals in chronic hypertensives before and after antihypertensive therapy. Sanghvi NG, et al. **Indian Heart J** 1984 Nov–Dec;36(6):391–4

Effects of low dose propranolol after coronary bypass surgery. Myhre ES, et al. **J Cardiovasc Surg (Torino)** 1984 Jul–Aug;25(4):348–52

Arrhythmia prophylaxis after aorta-coronary bypass. The effect of minidose propranolol. Matangi MF, et al. **J Thorac Cardiovasc Surg** 1985 Mar;89(3):439–43

Aggravation by propranolol of hyperglycaemic effect of hydrochlorothiazide in type II diabetics without alteration of insulin secretion. Dornhorst A, et al. **Lancet** 1985 Jan 19;1(8421):123–6

Systemic absorption after intravaginal propranolol [letter] Smith RC, et al. **Lancet** 1985 Jan 12;1(8420):112

Long-acting propranolol in essential tremor. Koller WC. **Neurology** 1985 Jan;35(1):108–10

Go steady with propranolol for PAT [letter] Biagioni EJ. **Postgrad Med** 1985 May 15;77(7):27

The effects of d-propranolol and captopril on post-ischaemic acute renal failure in rats. Ishigami M, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:843–8

[Effect of a combined use of propranolol and nifedipine on experimental myocardial infarct size] Wu GL, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Oct; 6(5):342–5 (Eng. Abstr.) **(Chi)**

[Perioperative management of hypertrophic obstructive cardiomyopathy by using continuous propranolol infusion] Noguchi T, et al. **Masui** 1985 Feb;34(2):247–50 (Eng. Abstr.) **(Jpn)**

[Effective oral doses of propranolol, and endoscopic findings on the effects of propranolol on esophageal varices] Okumura H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Apr;82(4):621–7 (Eng. Abstr.) **(Jpn)**

[Effective propranolol dose in the treatment of arterial hypertension] Kocemba J, et al. **Kardiol Pol** 1984; 27(11–12):907–12 (Eng. Abstr.) **(Pol)**

[Quinidine interactions with propranolol, phenytoin, verapamil and procainamide] Halawa B. **Pol Tyg Lek** 1984 Jun 11;39(24):823–6 (Eng. Abstr.) **(Pol)**

[Long-term use of anti-angina preparations and the development of drug tolerance] Metelitsa VI. **Klin Med (Mosk)** 1985 Feb;63(2):27–33 **(Rus)**

[Use of beta-blockers and a calcium antagonist in angina pectoris during the period of postinfarct rehabilitation] Urbaniuk KG, et al. **Klin Med (Mosk)** 1984 Jul;62(7):36–9 (Eng. Abstr.) **(Rus)**

[Problems in selecting the optimal propranolol dose in treating patients with angina pectoris of effort and the comparative effectiveness of inderal, anaprilin and obzidan] Romakov AIu, et al. **Ter Arkh** 1984;56(9):41–6 (Eng. Abstr.) **(Rus)**

[Effect of nonspecific hyposensitization (histamine and intal electrophoresis, intal electroaerosols) on cyclic nucleotide levels in children with respiratory allergy] Karachevtseva TV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan–Feb;(1):29–32 (Eng. Abstr.) **(Rus)**

[Therapeutic use of electro-aerosols and alternating magnetic fields in cardiac rhythm disorders in children] Karachevtseva TV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar–Apr; (2):37–9 (Eng. Abstr.) **(Rus)**

[Effect of nitrates and obsidan on myocardial infarction] Malinovskaia IE, et al. **Vrach Delo** 1985 Jan;(1):56–9 **(Rus)**

ADVERSE EFFECTS

Symptomatic sinus bradycardia during concomitant propranolol-verapamil administration. Winniford MD, et al. **Am Heart J** 1985 Aug;110(2):498

Bipolar affective symptoms associated with use of captopril and abrupt withdrawal of pargyline and propranolol. McMahon T. **Am J Psychiatry** 1985 Jun;142(6):759–60

Generalized pustular psoriasis provoked by propranolol. Hu CH, et al. **Arch Dermatol** 1985 Oct;121(10):1326–7

Hypertensive crisis caused by hypoglycemia and propranolol. Mann SJ, et al. **Arch Intern Med** 1984 Dec;144(12):2427–8

Effect on finger tremor of withdrawal of long-term treatment with propranolol or atenolol. Wharrad HJ, et al. **Br J Clin Pharmacol** 1984 Sep;18(3):317–24

Combination therapy with diltiazem and propranolol: precipitation of congestive heart failure. Strauss WE, et al. **Clin Cardiol** 1985 Jun;8(6):363–6

Propranolol-induced depression and psychosis. Parker WA. **Clin Pharm** 1985 Mar–Apr;4(2):214–8

Exercise-induced hypoglycemia following propranolol in a patient after gastric fundoplication surgery. Zaloga GP, et al. **Dig Dis Sci** 1984 Dec;29(12):1164–6

Alternating sinus rhythm and intermittent sinoatrial block induced by propranolol. Oztürk M, et al. **Eur Heart J** 1984 Nov;5(11):890–5

The phenomenon of beta-adrenergic hypersensitivity following propranolol withdrawal studied in normal subjects. Kiyingi KS, et al. **Eur J Clin Pharmacol** 1984; 27(4):423–8

Bradycardia and hypotension after propranolol HCl and verapamil. Zatuchni J. **Heart Lung** 1985 Jan;14(1):94–5

Chronic propranolol administration impairs glucagon release during insulin-induced hypoglycemia in normal man. Lawrence AM, et al. **J Clin Endocrinol Metab** 1984 Oct; 59(4):622–4

The bronchosparing effect of celiprolol, a new beta 1- alpha 2-receptor antagonist on pulmonary function of propranolol-sensitive asthmatics. Matthys H, et al. **J Clin Pharmacol** 1985 Jul–Aug;25(5):354–9

Propranolol and depression revisited: three cases and a review. Pollack MH, et al. **J Nerv Ment Dis** 1985 Feb; 173(2):118–9

Haloperidol and propranolol in combination [letter] Burnakis TG. **JAMA** 1985 Mar 15;253(11):1557–8

Propranolol and cirrhosis [letter] Hayes PC, et al. **Lancet** 1985 Jul 20;2(8447):155

Transitory spatial disorder with propranolol [letter] Belin C, et al. **N Engl J Med** 1985 Mar 21;312(12):790–1

A possible teratogenic effect of propranolol [letter] Campbell JW. **N Engl J Med** 1985 Aug 22;313(8):518

Propranolol-induced mania. Patterson JF. **South Med J** 1984 Dec;77(12):1603

[No beta blockers without a COPD anamnesis] Hirschler-Schulte CJ, et al. **Ned Tijdschr Geneeskd** 1985 Feb 9;129(6):265–7 (Eng. Abstr.) **(Dut)**

[Resuscitation of hemorrhagic shock in cirrhotics taking propranolol (letter)] Cales P, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):186–7 **(Fre)**

[What is your diagnosis? Myasthenic reaction to propranolol] Kaeser HE. **Schweiz Rundsch Med Prax** 1984 Nov 27; 73(48):1471–2 **(Ger)**

[Simulation of intramural heart infarct in ECG by beta-receptor blockader] Schüffler J, et al. **Z Gesamte Inn Med** 1984 Dec 1;39(23):597–600 (Eng. Abstr.) **(Ger)**

[Liver lesions induced by dihydralazine and propranolol] Kunze KD, et al. **Zentralbl Allg Pathol** 1985;130(1):19–29 (Eng. Abstr.) **(Ger)**

[Effect of propranolol on serum HDL cholesterol levels] Iwańska J, et al. **Pol Tyg Lek** 1984 Jun 12–25; 39(25–26):867–9 (Eng. Abstr.) **(Pol)**

[Pathogenesis of hemodynamic disorders during treatment of cardiac arrythmias in heart surgery patients with obsidan, trimecaine and lidocaine] Tsyganii AA, et al. **Anesteziol Reanimatol** 1984 Sep–Oct;(5):15–9 (Eng. Abstr.) **(Rus)**

ANALOGS & DERIVATIVES

Alterations in isoproterenol-induced cardiac metabolic changes by a quaternary analog of propranolol, UM-272. Seth SD, et al. **Acta Cardiol (Brux)** 1985;40(2):237–46

Isolation, purification, and structure identification of glucuronic acid conjugates of propranolol and alprenolol and their ring-hydroxylated metabolites. Bai SA, et al. **Drug Metab Dispos** 1984 Nov–Dec;12(6):749–54

Stereoselective sulfate conjugation of 4-hydroxypropranolol in vitro by different species. Christ DD, et al. **Drug Metab Dispos** 1985 May–Jun;13(3):380–1

Silica gel high-performance liquid chromatography for the simultaneous determination of propranolol and 4-hydroxypropranolol enantiomers after chiral derivatization. Wilson MJ, et al. **J Chromatogr** 1984 Oct 12;310(2):424–30

The influence of H2-receptor antagonists on steady-state concentrations of propranolol and 4-hydroxypropranolol. Donn KH, et al. **J Clin Pharmacol** 1984 Nov–Dec; 24(11–12):500–8

Synthesis of 4'-hydroxypropranolol sulfate, a major non-beta-blocking propranolol metabolite in man. Oatis JE Jr, et al. **J Med Chem** 1985 Jun;28(6):822–4

Direct, simultaneous determination of propranolol and its

4-hydroxy metabolite by liquid chromatography. Tamai G, et al. **J Pharm Sci** 1984 Dec;73(12):1825-7

Effects of dimethylpropranolol (UM-272) on the electrophysiological properties of guinea-pig ventricular muscles. Kodama I, et al. **J Pharmacol Exp Ther** 1985 Aug; 234(2):507-14

Competitive binding of quinidine, propranolol, and 4-OH-propranolol to human plasma very low-density (VLDL) and low-density (LDL) lipoproteins. Ho Ngoc-Ta Trung A, et al. **Pharm Acta Helv** 1985; 60(4):106-9

A readily obtainable analog of propranolol suitable for use as internal standard in chromatographic assays for propranolol. Gal J, et al. **Res Commun Chem Pathol Pharmacol** 1985 May; 48(2):255-66

[Beta-adrenergic receptors in the liver of rats. Direct localization by means of a fluorescent beta-blocker] Santamaría L, et al. **Rev Esp Enferm Apar Dig** 1985 Mar; 67(3):221-4 (Eng. Abstr.) **(Spa)**

ANALYSIS

X-ray powder diffraction data for selected drugs: furosemide, hydrochlorothiazide, naproxen, naproxen sodium, propranolol hydrochloride, and the halopheniramine maleates. De Camp WH. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):927-33

Silica gel high-performance liquid chromatography for the simultaneous determination of propranolol and 4-hydroxypropranolol enantiomers after chiral derivatization. Wilson MJ, et al. **J Chromatogr** 1984 Oct 12;310(2):424-30

ANTAGONISTS & INHIBITORS

Flurbiprofen interaction with single doses of atenolol and propranolol. Webster J, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):861-6

BLOOD

Comparison of kinetic interactions of nadolol and propranolol with cimetidine. Duchin KL, et al. **Am Heart J** 1984 Oct; 108(4 Pt 2):1084-6

Plasma levels of beta-blocking drugs prior to coronary artery bypass surgery. Sill JC, et al. **Anesthesiology** 1985 Jan; 62(1):67-70

Plasma protein binding of salicylic acid, phenytoin, chlorpromazine, propranolol and pethidine using equilibrium dialysis and ultracentrifugation. Verbeeck RK, et al. **Arzneimittelforschung** 1985;35(6):903-6

Stereoselective binding of propranolol enantiomers to human alpha 1-acid glycoprotein and human plasma. Albani F, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):244-6

Effects of cholestyramine and colestipol on the plasma concentrations of propranolol. Hibbard DM, et al. **Br J Clin Pharmacol** 1984 Sep;18(3):337-42

Assay of total and free propranolol in plasma by liquid chromatography with fluorometric detection. Ray K, et al. **Clin Chem** 1985 Jan;31(1):131-4

Determination of propranolol in plasma by radial compression liquid chromatography with fluorometric detection. el-Yazigi A, et al. **Clin Chem** 1985 Jul; 31(7):1196-7

Comparative pharmacokinetics of intravenous propranolol in black and white volunteers [letter] Venter CP, et al. **J Cardiovasc Pharmacol** 1985 Mar-Apr;7(2):409-10

An evaluation of a new patient compliance index using plasma propranolol levels. Caldwell JR, et al. **J Chronic Dis** 1984;37(9-10):689-98

Plasma concentration-response relationships of two formulations of propranolol. DeLeve LD, et al. **J Clin Pharmacol** 1985 Apr;25(3):182-6

The influence of H2-receptor antagonists on steady-state concentrations of propranolol and 4-hydroxypropranolol. Donn KH, et al. **J Clin Pharmacol** 1984 Nov-Dec; 24(11-12):500-8

Direct, simultaneous determination of propranolol and its 4-hydroxy metabolite by liquid chromatography. Tamai G, et al. **J Pharm Sci** 1984 Dec;73(12):1825-7

A method for the assay of alpha 1-acid glycoprotein in dog serum and its application to the plasma binding of propranolol and oxprenolol in animals receiving rifampicin. Delcroix C, et al. **J Pharmacol Methods** 1984 Sep; 12(2):97-105

Competitive binding of quinidine, propranolol, and 4-OH-propranolol to human plasma very low-density (VLDL) and low-density (LDL) lipoproteins. Ho Ngoc-Ta Trung A, et al. **Pharm Acta Helv** 1985; 60(4):106-9

A readily obtainable analog of propranolol suitable for use as internal standard in chromatographic assays for propranolol. Gal J, et al. **Res Commun Chem Pathol Pharmacol** 1985 May; 48(2):255-66

[A modified gas chromatographic method for the determination of propranolol in blood plasma] Stenzel WR, et al. **Pharmazie** 1985 May;40(5):360-1 **(Ger)**

METABOLISM

Interaction of amphiphilic molecules with biological membranes. A model for nonspecific and specific drug effects with membranes. Herbette L, et al. **Adv Myocardiol** 1985;5:333-46

Simultaneous measurement of serotonin and propranolol pulmonary extraction in patients after extracorporeal circulation and surgery. Dargent F, et al. **Am Rev Respir Dis** 1985 Feb;131(2):242-5

Pulmonary extraction of serotonin and propranolol in patients with adult respiratory distress syndrome. Morel DR, et al. **Am Rev Respir Dis** 1985 Sep;132(3):479-84

Modification of propranolol binding to alpha-1-acid glycoprotein by serum albumin. Chauvelot-Moachon L, et al. **Biochem Pharmacol** 1985 May 1;34(9):1591-4

Reduced hepatic uptake of propranolol in rats with acute renal failure. Hori R, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2679-83

Adrenergic ligand binding in human serum. Sager G, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2812-5

Indobufen interacts with the sulphonylurea, glipizide, but not with the beta-adrenergic receptor antagonists, propranolol and atenolol. Elvander-Ståhl E, et al. **Br J Clin Pharmacol** 1984 Nov;18(5):773-8

Propranolol concentrations in blood serum, seminal plasma and saliva in man after a single oral dose. Mahajan P, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):849-52

Alpha 1-acid glycoprotein concentrations and propranolol binding in elderly patients with acute illness. Paxton JW, et al. **Br J Clin Pharmacol** 1984 Nov;18(5):806-10

Stereoselective ring oxidation of propranolol in man. Walle T, et al. **Br J Clin Pharmacol** 1984 Nov;18(5):741-8

Depolarization-induced release of propranolol and atenolol from rat cortical synaptosomes. Bright PS, et al. **Br J Pharmacol** 1985 Feb;84(2):499-510

Propranolol: pooled Michaelis-Menten parameters and the effect of input rate on bioavailability. Wagner JG. **Clin Pharmacol Ther** 1985 May;37(5):481-7

Stereochemistry of the in vivo disposition and metabolism of propranolol in dog and man using deuterium-labeled pseudoracemates. Walle T. **Drug Metab Dispos** 1985 May-Jun;13(3):279-82

Ethanol-induced inhibition of hepatic uptake of propranolol in perfused rat liver and in man. Dorian P, et al. **Eur J Clin Pharmacol** 1984;27(2):209-15

Drug binding in the undernourished: a study of the binding of propranolol to alpha 1-acid glycoprotein. Jagadeesan V, et al. **Eur J Clin Pharmacol** 1985;27(6):657-9

Pharmacokinetics of propranolol during pregnancy. O'Hare MF, et al. **Eur J Clin Pharmacol** 1984;27(5):583-7

Propranolol disposition in cirrhosis [letter] Jones DB. **Gut** 1985 Aug;26(8):865

A carrier-protein receptor is not a prerequisite for avid hepatic elimination of highly bound compounds: a study of propranolol elimination by the isolated perfused rat liver. Jones DB, et al. **Hepatology** 1985 Jul-Aug;5(4):590-3

Propranolol plasma binding and serum lipids during chronic therapy in migraine patients. Albani F, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 May;23(5):267-9

Propranolol kinetics: use of automated liquid chromatography. Divoll M, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Sep;22(9):457-60

Lack of influence of aluminum hydroxide on the bioavailability and beta-adrenoceptor blocking activity of propranolol. Hong CY, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 May;23(5):244-6

Circadian bioavailability and some effects of propranolol in healthy subjects and in liver cirrhosis. Semenowicz-Siuda K, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Dec; 22(12):653-8

Synthesis of 4'-hydroxypropranolol sulfate, a major non-beta-blocking propranolol metabolite in man. Oatis JE Jr, et al. **J Med Chem** 1985 Jun;28(6):822-4

Effect of age on the hepatic clearance of propranolol in rats. Iwamoto K, et al. **J Pharm Pharmacol** 1985 Jul;37(7):466-70

The inhibitory effects of ranitidine and cimetidine on propranolol elimination by the rat isolated perfused liver. Jones DB, et al. **J Pharm Pharmacol** 1985 Mar;37(3):196-8

Evidence favoring the venous equilibrium model for hepatic clearance of (S)-(--)-propranolol. Edwards DJ. **J Pharm Sci** 1984 Oct;73(10):1498-9

Effect of vitamin K3 on the first-pass elimination of propranolol in the rat. Ishida R, et al. **J Pharm Sci** 1985 May;74(5):578-81

Effect of the sialylation state of alpha 1-acid glycoprotein on propranolol binding. Primozic S, et al. **J Pharm Sci** 1985 Apr;74(4):473-5

Increased availability of propranolol in rats with uranyl nitrate-induced acute renal failure. Katayama H, et al. **J Pharmacobiodyn** 1984 Aug;7(8):536-44

Effects of chlorpromazine on the disposition and beta-adrenergic blocking activity of propranolol in the dog. Bai SA, et al. **J Pharmacokinet Biopharm** 1984 Jun; 12(3):333-49

Nonlinear formation of propranolol metabolites in dogs after portacaval transpositions. Lo MW, et al. **J Pharmacokinet Biopharm** 1984 Aug;12(4):401-12

Pharmacokinetics of l-propranolol during repetitive dosing in normal and uranyl nitrate-induced renal failure rats. Terao N, et al. **J Pharmacokinet Biopharm** 1984 Oct; 12(5):479-93

Reduced hepatic clearance of propranolol induced by chronic carbon tetrachloride treatment in rats. Iwamoto K, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):470-5

Reduced extraction of l-propranolol by perfused rat liver in the presence of uremic blood. Terao N, et al. **J Pharmacol Exp Ther** 1985 May;233(2):277-84

Concentration of D-propranolol in cervicovaginal mucus [letter] Pearson RM, et al. **Lancet** 1984 Dec 22; 2(8417-18):1480

Autoradiography of nadolol and propranolol in the rat. Schiff AA, et al. **Xenobiotica** 1984 Sep;14(9):687-91

[The pharmacokinetics of propranolol] Lasek R, et al. **Pharmazie** 1984 Jun;39(6):430-1 **(Ger)**

PHARMACODYNAMICS

Effect of propranolol on post-traumatic hypophosphataemia and catecholamine secretion. Lovén L, et al. **Acta Chir Scand** 1985;151(3):201-4

The effect of propranolol on circulating thyroid hormone measurements in thyrotoxic and euthyroid subjects. Franklyn JA, et al. **Acta Endocrinol (Copenh)** 1985 Mar; 108(3):351-5

Presynaptic adrenoceptors on the regulation of tyrosine hydroxylase activation by potassium. Masana MI. **Acta Physiol Pharmacol Latinoam** 1984;34(3):245-51

Perturbations of sarcolemmal and microsomal enzymes by amphiphilic lipids and drugs. Weglicki WB, et al. **Adv Myocardiol** 1985;6:127-36

Comparative effects of propranolol and nadolol on renal blood flow in normal rats and rats with congestive heart failure. Brenner BM, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1144-7

Propranolol-induced changes in ventricular isomyosin composition in the rat. Pauletto P, et al. **Am Heart J** 1985 Jun;109(6):1269-73

Beta-blocking potency and electrophysiologic effects of acebutolol. Singh BN, et al. **Am Heart J** 1985 May;109(5 Pt 2):1126-31

Effect of beta blockade and intrinsic sympathomimetic activity on exercise performance. Ades PA, et al. **Am J Cardiol** 1984 Dec 1;54(10):1337-41

Effects of cardioselective and nonselective beta-adrenergic blockade on the performance of highly trained runners. Anderson RL, et al. **Am J Cardiol** 1985 Apr 26; 55(10):149D-154D

Effect of selective and nonselective beta-adrenoceptor blockade on thermoregulation during prolonged exercise in heat. Gordon NF. **Am J Cardiol** 1985 Apr 26; 55(10):74D-78D

Cardiovascular and pharmacokinetic consequences of combined administration of verapamil and propranolol in dogs. Hamann SR, et al. **Am J Cardiol** 1985 Jul 1; 56(1):147-56

Effects of intravenous infusion of esmolol and propranolol on biventricular performance at rest and during exercise as assessed by quantitative radionuclide angiography. Iskandrian AS, et al. **Am J Cardiol** 1985 May 1; 55(11):1287-92

Single and combined therapy for systemic hypertension with propranolol, hydralazine and hydrochlorothiazide: hemodynamic and neuroendocrine mechanisms of action. Mulvihill-Wilson J, et al. **Am J Cardiol** 1985 Aug 1; 56(4):315-20

Effect of beta-adrenergic blockade on biochemical and metabolic response to exercise. Opie LH. **Am J Cardiol** 1985 Apr 26;55(10):95D-100D (37 ref.)

Exercise training during long-term beta-blockade treatment in healthy subjects. Savin WM, et al. **Am J Cardiol** 1985 Apr 26;55(10):101D-109D

Coronary hemodynamic and metabolic effects of nifedipine in patients with coronary artery disease treated with beta-blocking drugs. Schanzenbächer P, et al. **Am J Cardiol** 1985 Jan 1;55(1):33-6

Acute response to submaximal and maximal exercise consequent to beta-adrenergic blockade: implications for the prescription of exercise. Wilmore JH, et al. **Am J Cardiol** 1985 Apr 26;55(10):135D-141D

Cardiorespiratory alterations consequent to endurance exercise training during chronic beta-adrenergic blockade with atenolol and propranolol. Wilmore JH, et al. **Am J Cardiol** 1985 Apr 26;55(10):142D-148D

Gastrointestinal transit in hyperthyroid patients before and after propranolol treatment. Bozzani A, et al. **Am J Gastroenterol** 1985 Jul;80(7):550-2

Effects of propranolol on portal hemodynamics in patients with chronic liver disease. Ohnishi K, et al. **Am J Gastroenterol** 1985 Feb;80(2):132-5

Blood pressure and norepinephrine spillover during propranolol infusion in humans. Best JD, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):R400-6

Inhibition of sarcolemmal Na+-K+-ATPase by palmitoyl carnitine: potentiation by propranolol. Kramer JH, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):H75-81

Effects of aspirin and propranolol alone and in combination on hemostatic determinants in the healthy cat. Allen DG, et al. **Am J Vet Res** 1985 Mar;46(3):660-3

Effect of propranolol on peroxidase in tracheal epithelial cells. Watanabe K, et al. **Ann Otol Rhinol Laryngol** 1985 Jan-Feb;94(1 Pt 1):71-4

Effect of propranolol on human spermatozoal in vitro hamster ova penetration. Chan SY, et al. **Arch Androl** 1984; 12 Suppl:79-82

Effects of indomethacin and etodolac on coronary blood flow and other cardiovascular variables in propranolol-treated dogs. Beaulieu G. **Arch Int Pharmacodyn Ther** 1985 Apr; 274(2):283-90

Efficacy of disopyramide in comparison with verapamil and propranolol in the prevention of acetylcholine-induced atrial fibrillation in the dog. Bertrix L, et al. **Arch Int Pharmacodyn Ther** 1985 Mar;274(1):97-110

Effects of the (+/-)-, (+)- and (-)-forms of propranolol, timolol and metoprolol on noradrenergic transmission in the rat isolated right ventricle. Bradley L, et al. **Arch Int Pharmacodyn Ther** 1984 Jul;270(1):61-78

Effect of propranolol in dinitrophenol poisoning. Issekutz B Jr. **Arch Int Pharmacodyn Ther** 1984 Dec;272(2):310-9

Renin response to captopril in conscious dogs pretreated with indomethacin or propranolol. Kamijo T, et al. **Arch Int Pharmacodyn Ther** 1985 Mar;274(1):56-64

Effect of some beta adrenergic blocking agents and phenytoin on potentiation of quinidine antiarrhythmic activity in the mouse. Lawson JW. **Arch Int Pharmacodyn Ther** 1984 Jul;270(1):106-15

Effects of lithium, diazepam and propranolol on brain Na+-K+-ATPase activity in stress-exposed mice. Eroğlu L, et al. **Arzneimittelforsch** 1984;34(7):762-3

Oxyfedrine and propranolol. A comparative experimental approach to protect myocardium against isoprenaline-induced myocardial necrosis. Seth SD, et al. **Arzneimittelforsch** 1984;34(6):678-83

Increased susceptibility to radiofrequency radiation due to pharmacological agents. Jauchem JR, et al. **Aviat Space Environ Med** 1984 Nov;55(11):1036-40

Inhibition of the mitochondrial Mg2+-ATPase by propranolol. Wei YH, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):911-7

Significance of myocardial prostaglandin biosynthesis and the influence of mechanical loading, endogenous mediators and cardiovascular drugs. Mentz P, et al. **Biomed Biochim Acta** 1984;43(8-9):S147-50

Effect of propranolol on lecithin:cholesterol acyl transferase activity in vitro. Schauer UJ, et al. **Biomed Biochim Acta** 1985;44(4):603-9

Penbutolol and propranolol: a comparison of their effects on antipyrine clearance in man. Bax ND, et al. **Br J Clin Pharmacol** 1985 May;19(5):593-6

The impairment of lignocaine clearance by propranolol--major contribution from enzyme inhibition. Bax ND, et al **Br J Clin Pharmacol** 1985 May;19(5):597-603

The effects of propranolol and digoxin on the acute vascular responses to frusemide in normal man. Johnston GD, et al. **Br J Clin Pharmacol** 1985 Apr;19(4):417-21

Pre-dosing plasma concentrations and beta-adrenoceptor blocking effects during repeated once daily dosing with 160 mg sustained-release propranolol (Inderal LA) and 16/260 oxprenolol Oros to healthy volunteers. Moppert J, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:197S-201S

Comparative effects of adimolol, labetalol and propranolol on heart rate and blood pressure in man. Riddell JG, et al. **Br J Clin Pharmacol** 1985 Apr;19(4):405-10

The influence of captopril, the nitrates and propranolol on apparent liver blood flow. Shepherd AN, et al. **Br J Clin Pharmacol** 1985 Mar;19(3):393-7

Ethnic differences in human lymphocytic cyclic AMP production after isoprenaline stimulation and propranolol blockade. Venter CP, et al. **Br J Clin Pharmacol** 1985 Feb;19(2):187-90

A comparison of the effects of intravenous propranolol and nadolol on the renal response to hypertonic saline infusion. Waller DG, et al. **Br J Clin Pharmacol** 1985 Jan;19(1):37-43

Does exercise alter anaerobic threshold in coronary artery disease during beta blockade? Koyal SN, et al. **Br J Sports Med** 1985 Jun;19(2):107-11

Effects of propranolol on hepatic haemodynamics in the cirrhotic and non-cirrhotic rat. Jenkins SA, et al. **Br J Surg** 1985 May;72(5):354-8

The use of propranolol in rapid sequence anaesthetic induction: optimal time interval for pretreatment. Safwat AM, et al. **Can Anaesth Soc J** 1984 Nov;31(6):638-41

The effect of propranolol on blood viscosity changes induced by experimental coronary occlusion. Biro GP, et al. **Can J Physiol Pharmacol** 1984 Oct;62(10):1333-7

odium restriction amplifies and propranolol loading inhibits circadian rhythm of plasma renin-angiotensin and aldosterone. Cugini P, et al. **Chronobiologia** 1985 Apr-Jun;12(2):155-65

ffects of propranolol on atherogenesis in the cholesterol-fed rabbit. Chobanian AV, et al. **Circ Res** 1985 May;56(5):755-62

nhancement of the antiaggregatory activity of prostacyclin by propranolol in human platelets. Callahan KS, et al. **Circulation** 1985 Jun;71(6):1237-46

fect of diltiazem and propranolol on left ventricular egmental relaxation during temporary coronary arterial cclusion and one month reperfusion in conscious dogs. ilton GD, et al. **Circulation** 1985 Jan;71(1):165-75

ect of propranolol on hepatic blood flow in patients with irrhosis. Braillon A, et al. **Clin Pharmacol Ther** 1985 Apr;7(4):376-80

a blockade by oral propranolol and labetalol. Cubeddu X, et al. **Clin Pharmacol Ther** 1985 Mar;37(3):277-83

pranolol interactions with diazepam, lorazepam, and prazol m. Ochs HR, et al. **Clin Pharmacol Ther** 1984 Oct;6(4):45 -5

pranolol antagonism of phenylpropanolamine-induced ypertension. Pentel PR, et al. **Clin Pharmacol Ther** 1985 ay;37(5):488-94

Nadolol, propranolol, and thyroid hormones: evidence for a membrane-stabilizing action of propranolol. Reeves RA, et al. **Clin Pharmacol Ther** 1985 Feb;37(2):157-61

Effects of nadolol and propranolol on plasma lidocaine clearance. Schneck DW, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):584-7

Chronic propranolol treatment decreases pulmonary artery pressure in conscious dogs. Voelkel NF, et al. **Clin Physiol Biochem** 1984;2(4):176-83

Acute hemodynamic effects of acebutolol and propranolol. Nigri A, et al. **Clin Ther** 1984;6(5):693-8

Hemodynamic effects of verapamil in the beta-blocked dog. Iberti TJ, et al. **Crit Care Med** 1985 Feb;13(2):105-8

Propranolol's effect on phagocytizing ability of polymorphonuclears and monocytes [letter] Djaldetti M, et al. **Drug Intell Clin Pharm** 1985 Jul-Aug;19(7-8):583

Modulating influence of D,L-propranolol on triiodothyronine-induced skeletal muscle protein degradation. Miller JL, et al. **Endocrinology** 1985 Sep;117(3):869-71

Serum myoglobin concentrations are decreased by beta-adrenergic stimulation. Ljunghall S, et al. **Eur J Appl Physiol** 1985;54(1):54-7

Relationship between dose, blood level and haemodynamic response in patients with cirrhosis receiving propranolol. Jirón MI, et al. **Eur J Clin Pharmacol** 1985;28(3):353-5

Comparative beta-adrenoceptor blocking effect and pharmacokinetics of bucindolol and propranolol in man. Maury M, et al. **Eur J Clin Pharmacol** 1985;27(6):649-56

Effects of atenolol, labetalol and propranolol on the peripheral circulation in hypertensive patients without obstructive vascular disease. van der Veur E, et al. **Eur J Clin Pharmacol** 1985;28(2):131-4

Effects of propranolol during pregnancy and development of rats. II. Adverse effects on development. Schoenfeld N, et al. **Eur J Pediatr** 1985 Jan;143(3):194-5

Dose-related inhibitory effects of the beta-adrenoceptor blocking drugs carteolol and propranolol on cardiac hypertrophy in spontaneously hypertensive rats. Igawa T, et al. **Eur J Pharmacol** 1984 Sep 3;104(1-2):93-9

Increased myocardial alpha 1 adrenoceptor density in rats chronically treated with propranolol. Mügge A, et al. **Eur J Pharmacol** 1985 Jun 7;112(2):249-52

Effects of nipradilol (K-351) on the electrophysiological properties of canine cardiac tissues: comparison with propranolol and sotalol. Nakaya H, et al. **Eur J Pharmacol** 1984 Sep 17;104(3-4):335-44

Effects of urapidil, clonidine, prazosin and propranolol on autonomic nerve activity, blood pressure and heart rate in anaesthetized rats and cats. Sanders KH, et al. **Eur J Pharmacol** 1985 Apr 2;110(2):181-90

Beta-adrenoceptor blockade with propranolol and bronchial responsiveness to a number of bronchial provocation tests in non-asthmatic subjects. Kiyingi KS, et al. **Eur J Respir Dis** 1985 Apr;66(4):256-67

The hypothalamic and neurohypophysial oxytocic activities in stressed rats: independence from beta-adrenergic blockade. Guzek JW, et al. **Exp Clin Endocrinol** 1984 Dec;84(3):331-7

Cationic amphiphilic drugs inhibit the synthesis of long-chain fatty acyl coenzyme A in rat brain microsomes. Reddy TS, et al. **FEBS Lett** 1985 Mar 11;182(1):111-4

Left ventricular pump function in effort angina. Influence of nitroglycerin, propranolol, verapamil, and coronary bypass surgery. Carlens P. **G Ital Cardiol** 1984 Oct;14(10):809-16

Acute left ventricular filling time and rate changes in hypertrophic cardiomyopathy after verapamil and propranolol evaluated by nuclear stethoscope. Cocchieri M, et al. **G Ital Cardiol** 1985 Mar;15(3):307-9

Effect of propranolol on renal blood flow in portal hypertensive rats [letter] Cales P, et al. **Gastroenterology** 1985 Mar;88(3):857

Effect of selective blockade of beta 2-adrenergic receptors on portal and systemic hemodynamics in a portal hypertensive rat model. Kroeger RJ, et al. **Gastroenterology** 1985 Apr;88(4):896-900

Pharmacology of propranolol in patients with cirrhosis and portal hypertension. Arthur MJ, et al. **Gut** 1985 Jan;26(1):14-9

Effects of propranolol on azygos venous blood flow and hepatic and systemic hemodynamics in cirrhosis. Bosch J, et al. **Hepatology** 1984 Nov-Dec;4(6):1200-5

The contribution of vasopressin and angiotensin to the maintenance of blood pressure after autonomic blockade. Hiwatari M, et al. **Hypertension** 1985 Jul-Aug;7(4):547-53

Metabolic and histopathological effects of streptozotocin induced diabetes in rats: effect of propranolol and insulin. Bora PS, et al. **Indian J Exp Biol** 1985 Jan;23(1):23-6

Atropine propranolol interaction on pupil size and heart rate of conscious rabbits. Tripathi KD, et al. **Indian J Exp Biol** 1984 Mar;22(3):145-8

Effect of ethanol, cimetidine and propranolol on toluene metabolism in man. Døssing M, et al. **Int Arch Occup Environ Health** 1984;54(4):309-15

Effects of pharmacologic autonomic blockade on atrial electrophysiologic properties in normal subjects and in patients with sinus node disease. Michelucci A, et al. **Int J Cardiol** 1985 Aug;8(4):437-49

Hemodynamic effects of acebutolol and propranolol in hypertensive patients during exercise. Reim HG, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 May;23(5):238-43

Impairment of isoniazid clearance by propranolol. Santoso B. **Int J Clin Pharmacol Ther Toxicol** 1985 Mar;23(3):134-6

Effect of talinolol and the optical isomers of propranolol on LCAT activity in vitro. Schauer I, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Nov;22(11):608-10

Effect of aerobic conditioning on the peripheral circulation during chronic beta-adrenergic blockade. Hiatt WR, et al. **J Am Coll Cardiol** 1984 Nov;4(5):958-63

Effects of beta-adrenergic blockade on the natural progression of myocardial infarct size and compensatory hypertrophy. Slutsky RA, et al. **J Am Coll Cardiol** 1985 May;5(5):1132-7

Effect of beta-adrenergic blockade on lactate turnover in exercising dogs. Issekutz B Jr. **J Appl Physiol** 1984 Dec;57(6):1754-9

Effect of beta-adrenoceptor blockade on H+ and K+ flux in exercising humans. Katz A, et al. **J Appl Physiol** 1985 Aug;59(2):336-41

Effects of propranolol and exercise on cardiac dynamics and organ blood flow distribution in dogs. Dumont L, et al. **J Auton Pharmacol** 1984 Dec;4(4):251-6

Alterations in myocardial uptake of glutamate and release of alanine after propranolol, nifedipine, and glyceryl trinitrate in coronary artery disease. Thomassen A, et al. **J Cardiovasc Pharmacol** 1985 Mar-Apr;7(2):394-400

Augmentation by propranolol of growth hormone-releasing hormone-(1-44)-NH2-induced growth hormone release in normal short and normal children. Chihara K, et al. **J Clin Endocrinol Metab** 1985 Aug;61(2):229-33

Thermic effect of glucose in man. Obligatory and facultative thermogenesis. Acheson KJ, et al. **J Clin Invest** 1984 Nov;74(5):1572-80

Effects of beta-adrenergic blockade on blood flow distribution during hypoxaemia in fetal sheep. Court DJ, et al. **J Dev Physiol** 1984 Aug;6(4):349-58

Aldosterone and plasma renin activity in hyperthyroid rats: effects of propranolol and propylthiouracil. Montiel M, et al. **J Endocrinol Invest** 1984 Dec;7(6):559-62

Chronic propranolol treatment affects parietal cells of the developing rat gastric mucosa. Henriksson R, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):777-83

Application of second-order polynomial equations to the study of pharmacodynamic interactions: the effect of flecainide acetate and propranolol on cardiac output and vascular resistance. Holtzman JL, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):286-90

Propranolol-induced elevation of pulmonary collagen. Lindenschmidt RC, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):346-50

Effect of intraoperative propranolol on serum creatine kinase MB release in patients having elective cardiac operations. Rao PS, et al. **J Thorac Cardiovasc Surg** 1984 Oct;88(4):562-6

Effect on exercise tolerance and pharmacokinetics of conventional and sustained release preparations of propranolol in patients with angina pectoris--a double-blind cross-over study. Kambara H, et al. **Jpn Circ J** 1984 Oct;48(10):1066-73

Effect of chronic treatment of propranolol on lipid metabolism in spontaneously hypertensive rats (SHR). Tonooka M, et al. **Jpn J Pharmacol** 1985 Apr;37(4):335-44

Influence of propranolol on weight and salt and water homoeostasis in chronic liver disease. Hayes PC, et al. **Lancet** 1984 Nov 10;2(8411):1064-8

Prostacyclin-independence in beta-adrenoceptor mediated renin release from dog renal cortical slices. Satoh H, et al. **Life Sci** 1984 Oct 1;35(14):1519-26

Effects of chronic beta-adrenergic blockade on hemodynamic and metabolic responses to endurance training. Lawlor MR, et al. **Med Sci Sports Exerc** 1985 Jun;17(3):393-400

Reduction of increased levels of blood glycerol and ketone bodies by propranolol in human hyperthyroidism: role of the fall of the triiodothyronine level. Beylot M, et al. **Metabolism** 1984 Dec;33(12):1080-3

Receptors for beta-adrenergic agonists in cultured chick ventricular cells. Relationship between agonist binding and physiologic effect. Marsh JD, et al. **Mol Pharmacol** 1985 Jan;27(1):10-8

Drug synergism or antagonism in the induction of diploid meiotic products in Saccharomyces cerevisiae. Sora S, et al. **Mutat Res** 1984 Nov-Dec;141(3-4):161-4

Effects of propranolol and metoprolol on glucose, cyclic AMP and insulin responses during pharmacologic hyperglucagonemia in hemodialysis patients. Pun KK, et al. **Nephron** 1985;39(3):175-8

The use of the EEG for assessment of vigilance changes caused by beta-blockers. Matousek M, et al. **Neuropsychobiology** 1984;12(1):55-9

Differential inhibition by propranolol of feeding induced in rats by various stimuli. Bryant HU, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):651-4

Blockade of peripheral beta-adrenergic receptors fails to suppress the cerebral spread of an engram in mice. Church AC, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):27-31

The effect of the beta-adrenergic receptor antagonist, propranolol, on the cerebral spread of a memory trace in mice. Flexner LB, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):633-9

Effect of propranolol on pulmonary function and bronchoconstrictor responsiveness in guinea pigs and rats. Chapman RW, et al. **Pharmacol Res Commun** 1985 Feb;

17(2):149-63

Effects of nicardipine or nifedipine added to propranolol in patients with coronary artery disease. Pouleur H, et al. **Postgrad Med J** 1984;60 Suppl 4:23-8

Effect of propranolol on thyroid homeostasis of healthy volunteers. Wilkins MR, et al. **Postgrad Med J** 1985 May; 61(715):391-4

Postnatal development of rat heart during 6-hydroxydopamine or propranolol treatment. Dowell RT. **Proc Soc Exp Biol Med** 1985 Apr;178(4):565-74

Minute to minute neuroendocrine control of a major nonlysosomal pathway of myocardial protein degradation by beta-receptor occupancy. Lockwood TD. **Prog Clin Biol Res** 1985;180:619-22

Plasma prostaglandin levels and circulating fuel levels in rats with diabetic ketoacidosis: effects of cyclooxygenase inhibitors and of alpha and beta adrenergic blockade. Axelrod L, et al. **Prostaglandins** 1984 Sep;28(3):333-52

Central noradrenergic neurons and the hypertensive effects of intracerebroventricularly administered prostaglandin E2 in anaesthetized rabbits. Otorii T, et al. **Prostaglandins** 1985 Jan;29(1):25-33

Effect of propranolol, practolol and atenolol on human platelet thromboxane formation and plasma levels of prostaglandins 6-keto-F1 alpha and E2. Brandt R, et al. **Prostaglandins Leukotrienes Med** 1984 Nov;16(2):191-203

Comparative studies of prostaglandin E2, phenylisopropyladenosine, clonidine and propranolol on lipolysis stimulated by methylisobutylxanthine and isoprenaline in hamster fat cells. Tan S, et al. **Prostaglandins Leukotrienes Med** 1985 Feb;17(2):183-90

Effects of d,l-propranolol on open field behavior of rats. Poli A, et al. **Psychopharmacology (Berlin)** 1985;86(1-2):153-5

Opposing acute and chronic behavioural effects of a beta-blocker, propranolol, in the rat. Salmon P, et al. **Psychopharmacology (Berlin)** 1985;86(4):480-6

Cardiopulmonary adjustments during exercise and an aversive reaction time task: effects of beta-adrenoceptor blockade. Langer AW, et al. **Psychophysiology** 1985 Jan; 22(1):59-68

Catecholamine-responsive adenylate cyclase activity in human endomyocardial biopsies. Individual sensitivity to isoproterenol stimulation and propranolol inhibition. Golf S, et al. **Scand J Clin Lab Invest** 1985 Feb;45(1):61-6

Beta-adrenergic mechanism of insulin-induced adrenocorticotropin release from the anterior pituitary. Mezey E, et al. **Science** 1984 Nov 30;226(4678):1085-7

Absence of high-affinity binding sites for beta-adrenergic blockers and lack of adenyl cyclase stimulation to beta-adrenergic stimulators in most normal and adenomatous human thyroid tissues. Goretzki PE, et al. **Surgery** 1984 Dec;96(6):1001-8

[Effect of the central action of propranolol on coronary circulation in dogs] Xie BZ, et al. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar;6(1):33-6 (Eng. Abstr.) **(Chi)**

[Toxic effects of isoprenaline on embryonic heart muscle--the effect of beta-blockers and calcium antagonists] Ošt'ádal B, et al. **Vnitr Lek** 1985 Mar; 31(3):216-22 (Eng. Abstr.) **(Cze)**

[Acceleration of the synthesis of cardiac adenine nucleotides from adenosine as affected by propranolol] Giacomelli M, et al. **C R Acad Sci [III]** 1984;299(19):779-84 (Eng. Abstr.) **(Fre)**

[The effects of propranolol and sotalol on the electrophysiologic and enzymatic impact of myocardial ischemia induced in vitro in the guinea pig heart] Duriez PR, et al. **J Pharmacol** 1984 Jul-Sep;15(3):331-51 (Eng. Abstr.) **(Fre)**

[Electrocardiographic studies of the modification of cardiac activity in cattle by adrenaline and noradrenaline with and without vagolysis (atropine) and beta-receptor blockade (propranolol)] Mielke H, et al. **Arch Exp Veterinarmed** 1985 Mar;39(2):193-206 (Eng. Abstr.) **(Ger)**

[The anticonvulsant action of propranolol in pentylenetetrazole-induced convulsions] Lasek R, et al. **Pharmazie** 1985 Apr;40(4):271-2 **(Ger)**

[The anticonvulsant effect of propranolol in maximal electroshock in sub chronic applications] Lasek R. **Pharmazie** 1985 Jun;40(6):430 **(Ger)**

[The effect of propranolol on the pentetrazole-induced spindle activity in the EEG of the rat] Lasek R. **Pharmazie** 1985 May;40(5):364 **(Ger)**

[Effect of propranolol and alcohol on hemodynamics and fatality in the rat] Hepp A. **Z Kardiol** 1985 May;74(5):261-5 (Eng. Abstr.) **(Ger)**

[Anti-thirst action of propranolol] Zamboni P, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1377-9 (Eng. Abstr.) **(Ita)**

[Catecholamine and metabolic response to abdominal surgery during propranolol infusion in man] Ishihara H, et al. **Masui** 1984 Jun;33(6):624-30 (Eng. Abstr.) **(Jpn)**

[Studies of the retinal circulation using fluorescein dilution curve. 2. Effects of beta-adrenergic stimulator and blocker on the pigmented rabbit's eye] Matsuo T, et al. **Nippon Ganka Gakkai Zasshi** 1984 Sep;88(9):1259-65 (Eng. Abstr.) **(Jpn)**

[Effects of autonomic blockades, beta-adrenergic agent and cholinergic agent on the FHR variability of 'Shiba goats'] Okai T. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1822-30 (Eng. Abstr.) **(Jpn)**

[Effect of propranolol on the vascular resistance of the human placenta perfused in vitro] Samberger M, et al. **Ginekol Pol** 1984 Dec;55(12):895-900 (Eng. Abstr.) **(Pol)**

[Effect of intravenous propranolol on resting and post-exercise left ventricular contraction in patients with coronary disease] Markiewicz K, et al. **Kardiol Pol** 1984; 27(10):817-27 (Eng. Abstr.) **(Pol)**

[Effects of propranolol on the central nervous system: its antischizophrenic action] Poli A, et al. **Rev Paul Med** 1984 Sep-Oct;102(5):215-8 **(Por)**

[Modulation of phagocytic activity with prodigiozan and obsidan] Medvedev IuA, et al. **Antibiotiki** 1984 Nov; 29(11):848-51 (Eng. Abstr.) **(Rus)**

[Effect of the chronic use of propranolol on the specific binding of 3H-WB-4101 with the membranes of the mesenteric vessels in rats] Ismailov ShI, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):38-40 (Eng. Abstr.) **(Rus)**

[Various aspects of the effects of beta adrenergic receptor blockaders, stimulants and calcium antagonists on the cardiovascular system] Katsenovich RA, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1985;8(1):57-63 (Eng. Abstr.) **(Rus)**

[Thermoregulatory effect of beta-adrenoreceptor block in the cold-adapted rat at rest and during exertion] Divert VE, et al. **Fiziol Zh SSSR** 1985 Jun;71(6):777-81 (Eng. Abstr.) **(Rus)**

[Posture-related changes in hemodynamics in humans after administration of sidnocarb and its combination with obsidan] Modin AIu, et al. **Kosm Biol Aviakosm Med** 1984 Sep-Oct;18(5):54-8 (Eng. Abstr.) **(Rus)**

[Combined effect of adrenergic blockaders and stress on the contraction of portal vein smooth muscle in rats] Manukhina EB. **Patol Fiziol Eksp Ter** 1984 Nov-Dec; (6):13-5 (Eng. Abstr.) **(Rus)**

[Development of cardiac adenylate cyclase hypersensitivity to isoproterenol in the chronic action of propranolol on rats] Tkachuk VA, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):49-52 (Eng. Abstr.) **(Rus)**

POISONING

Beta blocker overdose with propranolol and with atenolol. Weinstein RS, et al. **Ann Emerg Med** 1985 Feb;14(2):161-3

Beta-blocker toxicity--the role of glucagon. Report of 2 cases. Khan MI, et al. **S Afr Med J** 1985 Jun 29; 67(26):1062-3

[Potential fatal interaction of verapamil and propranolol (letter)] Rumboldt Z, et al. **Lijec Vjesn** 1985 Jan;107(1):47-8 **(Scr)**

THERAPEUTIC USE

Effect of beta-blockade on thallium-201 dipyridamole myocardial scintigraphy. Bonaduce D, et al. **Acta Cardiol (Brux)** 1984;39(6):399-408

The treatment of nontoxic goitre with thyroxine and beta-blockers. Karaiskos KS, et al. **Acta Endocrinol [Suppl] (Copenh)** 1984;265:41-2

Calcium blockers and beta blockers: alone and in combination. Raftery EB. **Acta Med Scand [Suppl]** 1985; 694:188-96

Metoprolol and propranolol in migraine prophylaxis: a double-blind multicentre study. Olsson JE, et al. **Acta Neurol Scand** 1984 Sep;70(3):160-8

The effect of labetalol and propranolol on the development of hypertension in spontaneously hypertensive rats. Gumulka WS, et al. **Acta Physiol Pol** 1984 Jan-Feb; 35(1):41-6

Effect of propranolol on left ventricular relaxation in hypertrophic cardiomyopathy: an echographic study. Bourmayan C, et al. **Am Heart J** 1985 Jun;109(6):1311-6

Clinical and hemodynamic effects of combined propranolol and nifedipine therapy versus propranolol alone in patients with angina pectoris. Braun S, et al. **Am Heart J** 1985 Mar; 109(3 Pt 1):478-8[illegible]

Comparison of acebutolol with propranolol, quinidine, and placebo: results of three multicenter arrhythmia trials. Chandraratna PA. **Am Heart J** 1985 May;109(5 Pt 2):1198-204

Beta-blocking therapy in atrial and ventricular tachyarrhythmias: experience with nadolol. Coumel P, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1098-108

Acebutolol in essential hypertension: results of two multicenter studies against placebo and propranolol. Davidov M. **Am Heart J** 1985 May;109(5 Pt 2):1158-67

Peripheral hemodynamic effects of short-term nadolol administration in essential hypertension. Levenson J, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1177-82

Intravenous propranolol in the treatment of repetitive ventricular tachyarrhythmias during resuscitation from sudden death. Mason JR, et al. **Am Heart J** 1985 Jul;110(1 Pt 1):161-5

Crossover comparison of captopril and propranolol as step 2 agents in hypertension. Oren A, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):554-7

Comparative study of nadolol and propranolol in prophylactic treatment of migraine. Ryan RE Sr. **Am Heart J** 1984 Oct;108(4 Pt 2):1156-9

A comparison of propranolol and nadolol pharmacokinetics and clinical effects in thyrotoxicosis. Wilkinson R, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1160-7

Effects of exercise on blood pressure, plasma catecholamines, potassium and the electrocardiogram after diuretic and neural-blocking therapy for moderate hypertension. DeQuattro V, et al. **Am J Cardiol** 1985 Aug 30; 56(6):39D-45D

Clinical and hemodynamic evaluation of propranolol in combination with verapamil, nifedipine and diltiazem in exertional angina pectoris: a placebo-controlled, double-blind, randomized, crossover study. Johnston DL, et al. **Am J Cardiol** 1985 Mar 1;55(6):680-7

Effect of beta 1-selective and nonselective beta blockade on blood pressure relative to physical performance in men with systemic hypertension. Kaiser P, et al. **Am J Cardiol** 1985 Apr 26;55(10):79D-84D

Beta blockade in the compensation for bed-rest cardiovascular deconditioning: physiologic and pharmacologic observations. Sandler H, et al. **Am J Cardiol** 1985 Apr 26;55(10):114D-119D

Acute electrophysiologic, hemodynamic and left ventricular effects of nifedipine and beta-blocker interactions. Maintenance of global and regional left ventricular wall motion. Vetrovec GW, et al. **Am J Cardiol** 1985 May 17; 55(12):21E-26E

Long-term therapy of paroxysmal supraventricular tachycardia: a randomized, double-blind comparison of digoxin, propranolol and verapamil. Winniford MD, et al. **Am J Cardiol** 1984 Nov 1;54(8):1138-9

Propranolol-verapamil versus propranolol-nifedipine in severe angina pectoris of effort: a randomized, double-blind, crossover study. Winniford MD, et al. **Am J Cardiol** 1985 Feb 1;55(4):281-5

Acute hemodynamic and electrophysiologic effects of propranolol in patients receiving diltiazem. Wolfe CL, et al. **Am J Cardiol** 1985 Jul 1;56(1):47-50

Treatments for Centruroides exilicauda envenomation. Rachesky IJ, et al. **Am J Dis Child** 1984 Dec;138(12):1136-9

Advantages of diuretics. Freis ED. **Am J Med** 1984 Oct 5; 77(4A):107-9

The origin and treatment of rage attacks [letter] **Am J Psychiatry** 1984 Oct;141(10):1304-5

Successful treatment of accelerated junctional rhythm with propranolol: possible role of sympathetic stimulation in the genesis of this rhythm disturbance. Breslow MJ, et al. **Anesthesiology** 1985 Feb;62(2):180-2

Prevention of electroconvulsive therapy-induced dysrhythmias with atropine and propranolol. London SW, et al. **Anesthesiology** 1985 Jun;62(6):819-22

Perioperative beta blockade with propranolol: reduction in myocardial oxygen demands and incidence of atrial and ventricular arrhythmias. Hammon JW Jr, et al. **Ann Thorac Surg** 1984 Oct;38(4):363-7

The relative antihypertensive potency of propranolol, oxprenolol, atenolol, and metoprolol given once daily. A double-blind, crossover, placebo-controlled study in ambulatory patients. Ravid M, et al. **Arch Intern Med** 1985 Jul;145(7):1321-3

Propranolol for portal hypertension. Evaluation of therapeutic response by direct measurement of portal vein pressure. Rector WG Jr. **Arch Intern Med** 1985 Apr; 145(4):648-50

Propranolol plasma levels and relief of migraine. Relationship between plasma propranolol and 4-hydroxypropranolol concentrations and clinical effects. Cortelli P, et al. **Arch Neurol** 1985 Jan;42(1):46-8

Effects of propranolol and ataxic syndromes [letter] Duhigg WJ. **Arch Neurol** 1985 Jan;42(1):15

Serum concentrations of propranolol and migraine prophylaxis. Gengo FM, et al. **Arch Neurol** 1984 Dec; 41(12):1306-7

Beneficial effects of diltiazem and propranolol, alone and in combination, in patients with stable angina pectoris. Kenny J, et al. **Br Heart J** 1985 Jan;53(1):43-6

A comparison of the effects of lorazepam with those of propranolol on experimentally-induced anxiety and performance. File SE, et al. **Br J Clin Pharmacol** 1985 Apr; 19(4):445-51

Comparative clinical efficacy of bepridil, propranolol and placebo in patients with chronic stable angina. Rae AP, et al. **Br J Clin Pharmacol** 1985 Mar;19(3):343-52

'Inderex' therapy in general practice. Sanderson JH. **Br J Clin Pract** 1985 Mar;39(3):98-104

Prolonged protective effects following propranolol withdrawal against isoproterenol-induced myocardial infarction in normotensive and hypertensive rats. Wexler BC. **Br J Exp Pathol** 1985 Apr;66(2):143-54

A novel therapeutic approach for reversal of left ventricular hypertrophy and blood pressure control in hypertensive patients treated with alpha-methyldopa or propranolol. Fernandez PG, et al. **Can J Physiol Pharmacol** 1985 Apr; 63(4):304-8

Effect of nifedipine and propranolol on blood flow, venous compliance and blood pressure in essential hypertension. Ogilvie RI. **Can Med Assoc J** 1985 May 15;132(10):1137-41

Effects of propranolol and diltiazem alone and in combination on the recovery of left ventricular segmental function after temporary coronary occlusion and long-term reperfusion in conscious dogs. Bush LR, et al. **Circulation** 1985 Aug; 72(2):413-30

Superiority of combined diltiazem and propranolol therapy for angina pectoris. Strauss WE, et al. **Circulation** 1985 May;71(5):951-7

Termination of paroxysmal supraventricular tachycardia with a single oral dose of diltiazem and propranolol. Yeh SJ, et al. **Circulation** 1985 Jan;71(1):104–9

Combined administration of propranolol and quinidine in the conversion of paroxysmal atrial fibrillation. Antonelli D, et al. **Clin Cardiol** 1985 Mar;8(3):152–3

The effects of enalapril and propranolol on beta-endorphin-like radioimmunoreactivity in hypertensive patients. VandenBurg MJ, et al. **Clin Exp Hypertens [A]** 1984;6(10–11):2069–72

Propranolol prevents hemodynamic and humoral events after abrupt withdrawal of nitroprusside. Fahmy NR, et al. **Clin Pharmacol Ther** 1984 Oct;36(4):470–7

Verapamil and propranolol in essential hypertension. Halperin AK, et al. **Clin Pharmacol Ther** 1984 Dec;36(6):750–8

Chronic effects of labetalol, pindolol, and propranolol on calf blood flow in intermittent claudication. Lepäntalo M. **Clin Pharmacol Ther** 1985 Jan;37(1):7–12

Imipramine versus propranolol for the treatment of panic attacks: a pilot study. Munjack DJ, et al. **Compr Psychiatry** 1985 Jan–Feb;26(1):80–9

Enhancement of visit adherence in the national beta-blocker heart attack trial. Bell RL, et al. **Controlled Clin Trials** 1985 Jun;6(2):89–101

Termination of clinical trials: the beta-blocker heart attack trial and the hypertension detection and follow-up program experience. Bell RL, et al. **Controlled Clin Trials** 1985 Jun;6(2):102–11

Results of long-term propranolol treatment in myocardial infarction survivors with advanced grades of ventricular extrasystoles. Mazur NA, et al. **Cor Vasa** 1984;26(4):241–7

Propanolol ('Inderal') in the treatment of childhood migraine. Forsythe WI, et al. **Dev Med Child Neurol** 1984 Dec;26(6):737–41

Once-daily propranolol for hypertension. Lopez LM, et al. **Drug Intell Clin Pharm** 1984 Oct;18(10):812–5

Spiroprop (spironolactone + propranolol) for hypertension. **Drug Ther Bull** 1985 Apr 22;23(8):31–2

Propranolol for duodenal mucosal edema [letter] Gogel HK, et al. **Gastrointest Endosc** 1985 Feb;31(1):51–2

Propranolol and haemorrhage due to rupture of oesophageal varices. Dobrilla G, et al. **Hepatogastroenterology** 1984 Dec;31(6):245–7

The effect of the combination of nitroglycerin and propranolol on splanchnic and systemic hemodynamics in a portal hypertensive rat model. Kroeger RJ, et al. **Hepatology** 1985 May–Jun;5(3):425–30

Propranolol for prevention of recurrent GI bleeding [letter] Licht H, et al. **Hepatology** 1985 May–Jun;5(3):528

The use of propranolol in the treatment of anxiety disorders. Fonte RJ, et al. **Hillside J Clin Psychiatry** 1985;7(1):54–62 (28 ref.)

Hypertension in hypoglycemic diabetics treated with beta-adrenergic antagonists. Ryan JR, et al. **Hypertension** 1985 May–Jun;7(3 Pt 1):443–6

Assessment of left ventricular changes in systemic hypertension--before and after therapy. Arora R, et al. **Indian Heart J** 1984 May–Jun;36(3):155–60

Effect on pulmonary function of propranolol and hydralazine in hypertension. Telang JV, et al. **Indian Heart J** 1984 May–Jun;36(3):173–5

Bopindolol, a new long-acting beta-adrenoceptor antagonist--a randomized comparison against propranolol in hypertensive patients. Kirch W, et al. **Int J Clin Pharmacol Res** 1983;3(2):89–93

Comparison of sotalol and propranolol in mild to moderate essential hypertension. Pessina AC, et al. **Int J Clin Pharmacol Res** 1983;3(1):41–5

A comparative study on the effects of pindolol and propranolol on systemic and cardiac haemodynamics in hypertensive patients. Velasco M, et al. **Int J Clin Pharmacol Res** 1983;3(2):95–100

A double-blind crossover clinical trial of labetalol and propranolol in patients of essential hypertension. Pandhi P, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Feb;23(2):101–4

Fixed ratio combination of propranolol and bendrofluazide in the treatment of hypertension. Pandhi P, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Feb;23(2):92–4

Double-blind crossover clinical trial of oxyfedrine and propranolol in angina pectoris. Sagar S, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Apr;23(4):186–9

A randomized study comparing propranolol and diltiazem in the treatment of unstable angina. Théroux P, et al. **J Am Coll Cardiol** 1985 Mar;5(3):717–22

Comparative effects of propranolol, timolol and metoprolol on myocardial infarct size after experimental coronary artery occlusion. Vik-Mo H, et al. **J Am Coll Cardiol** 1984 Oct;4(4):735–41

Efficacy of combination of propranolol and hydralazine versus alpha-methyldopa in hypertension. Chopra BK. **J Assoc Physicians India** 1984 Sep;32(9):811

Clinical effects of low-dose captopril plus a thiazide diuretic on mild to moderate essential hypertension: a multicenter double-blind comparison with propranolol. Captopril Research Group of Japan. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S77–81

Crossover comparison of nitrendipine with propranolol in patients with essential hypertension. Fritschka E, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 7:S1100–4

Captopril: contrasting effects of adding hydrochlorothiazide, propranolol, or nifedipine. MacGregor GA, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S82–7

Comparative effects of antihypertensive therapy with guanabenz and propranolol on renal vascular resistance and left ventricular mass. Mosley C, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 5:S757–61

Double-blind comparison of ketanserin with propranolol in hypertensive patients: interim report. Staessen J, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S140–7

Comparison of long-term renal hemodynamic effects of methyldopa and propranolol in patients with hypertension and renal insufficiency. Lowenstein I, et al. **J Clin Pharmacol** 1984 Oct;24(10):436–45

Comparison of acebutolol and propranolol therapy for ventricular arrhythmias. Platia EV, et al. **J Clin Pharmacol** 1985 Mar;25(2):130–7

Propranolol therapy in a patient with panic disorder, tardive dyskinesia, and essential tremor [letter] Olivera AA, et al. **J Clin Psychiatry** 1984 Nov;45(11):484–5

Efficacy of propranolol in neuroleptic-induced akathesia. Adler L, et al. **J Clin Psychopharmacol** 1985 Jun;5(3):164–6

Propranolol in the treatment of assaultive patients with organic brain disease. Greendyke RM, et al. **J Clin Psychopharmacol** 1984 Oct;4(5):282–5

Effects of high dose propranolol in Tourette syndrome. Sverd J, et al. **J Clin Psychopharmacol** 1984 Dec;4(6):359–61

Characterization of impact-induced tachyarrhythmia utilizing propranolol, quinidine and pacing. Lau IV. **J Electrocardiol** 1985 Apr;18(2):151–6

A double-blind comparison of acebutolol (Sectral) and propranolol (Inderal) in the treatment of hypertension in black Nigerian patients. Abengowe CU. **J Int Med Res** 1985;13(2):116–21

Propranolol for episodic dyscontrol syndrome. Roach NE, et al. **J Kans Med Soc** 1984 Sep;85(9):240–1, 247

Propranolol versus labetalol: interesting differences in efficacy. Flamenbaum W. **J Natl Med Assoc** 1985 May;77 Suppl:14–29

Beta-adrenoreceptor mechanisms in essential tremor: a comparative single dose study of the effect of a non-selective and a beta-2 selective adrenoreceptor antagonist. Cleeves L, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):976–82

Writing tremor: its relationship to benign essential tremor. Kachi T, et al. **J Neurol Neurosurg Psychiatry** 1985 Jun;48(6):545–50

Propranolol therapy for portal hypertension in children. Ozsoylu S, et al. **J Pediatr** 1985 Feb;106(2):317–21

Anti-arrhythmic effect of nadolol in experimental arrhythmias: comparison with propranolol and alprenolol. Nakashima M, et al. **J Pharmacobiodyn** 1985 Jan;8(1):1–10

A clinical trial of the beta blocker propranolol in premature ejaculation. Cooper AJ, et al. **J Psychosom Res** 1984;28(4):331–6

Beta adrenoceptor blockade in the treatment of female urinary stress incontinence. Kaisary AV. **J Urol (Paris)** 1984;90(5):351–3

Assessment of double-blindness at the conclusion of the beta-Blocker Heart Attack Trial. Byington RP, et al. **JAMA** 1985 Mar 22–29;253(12):1733–6

Rabbit hearts for the critical evaluation of drugs to reduce the size of experimentally produced acute myocardial infarction. Toyooka T, et al. **Jpn Heart J** 1984 Jul;25(4):623–32

Intravenous propranolol in acute myocardial infarction [letter] **Lancet** 1984 Nov 24;2(8413):1223

Propranolol and salt and water homoeostasis in chronic liver disease [letter] Abadie E, et al. **Lancet** 1984 Dec 22;2(8417–18):1478

Propranolol administration in theophylline overdose [letter] Amin DN, et al. **Lancet** 1985 Mar 2;1(8427):520–1

Sclerotherapy versus propranolol after first variceal haemorrhage in alcoholic cirrhosis [letter] Dollet JM, et al. **Lancet** 1985 Jul 13;2(8446):97

Beta-blockers in treatment of theophylline overdose [letter] Farrar KT, et al. **Lancet** 1985 Apr 27;1(8435):983

Prevention of ventricular fibrillation during acute myocardial infarction by intravenous propranolol. Norris RM, et al. **Lancet** 1984 Oct 20;2(8408):883–6

Intravenous propranolol in acute myocardial infarction [letter] Norris RM, et al. **Lancet** 1985 Jan 5;1(8419):56

Serum magnesium in propranolol-treated patients with acute myocardial infarction. Cohen L, et al. **Magnesium** 1984;3(3):138–44

Therapeutic effect of propranolol on paradoxical hypertension after repair of coarctation of the aorta. Gidding SS, et al. **N Engl J Med** 1985 May 9;312(19):1224–8

Propranolol and infarct size [letter] Silverman HS. **N Engl J Med** 1984 Nov 1;311(18):1186

Essential voice tremor: treatment with propranolol. Koller W, et al. **Neurology** 1985 Jan;35(1):106–8

Time course of a single oral dose of propranolol in essential tremor. Koller WC, et al. **Neurology** 1985 Oct;35(10):1494–8

Propranolol in essential tremor [letter] Young RR. **Neurology** 1985 Mar;35(3):445–6

Behavioral effects of diazepam and propranolol in patients with panic disorder and agoraphobia. Ghoneim MM, et al. **Neuropsychobiology** 1984;11(4):229–35

Treatment of acute focal cerebral ischemia and recirculation with d-propranolol. Latchaw JP, et al. **Neurosurgery** 1985 Jan;16(1):18–22

Mixed carotid sinus hypersensitivity: successful therapy with pacing, ephedrine, and propranolol. Keating EC, et al. **PACE** 1985 May;8(3 Pt 1):356–9

Propranolol for the treatment of diazepam withdrawal symptoms [letter] Gauché WG. **S Afr Med J** 1984 Dec 8;66(23):870

Comparison of the antihypertensive effect of enalapril and propranolol in black South Africans. Goodman C, et al. **S Afr Med J** 1985 Apr 27;67(17):672–6

The effect of beta-blockade on gastric acid secretion, gastrin release, and plasma catecholamine concentrations during modified sham feeding in duodenal ulcer patients. Graffner H, et al. **Scand J Gastroenterol** 1984 Oct;19(7):937–40

Propranolol: long-term treatment in narcolepsy-cataplexy. Meier-Ewert K, et al. **Sleep** 1985;8(2):95–104

Use of beta-blockade and hemoperfusion for acute theophylline poisoning. Biberstein MP, et al. **West J Med** 1984 Oct;141(4):485–90

[Use of propranolol in treating epidemic hemorrhagic fever] Sun ZJ. **Chung Hua I Hsueh Tsa Chih** 1985 Apr;65(4):225–8 **(Chi)**

[Propranolol in the primary therapy of thyrotoxicosis] Kuang YL. **Chung Hua Nei Ko Tsa Chih** 1984 Jan;23(1):31–3, 63 (Eng. Abstr.) **(Chi)**

[Propranolol in the preoperative preparation of thyrotoxic patients] Kuang YL. **Chung Hua Wai Ko Tsa Chih** 1984 Nov;22(11):645–7, 699 (Eng. Abstr.) **(Chi)**

[Comparison on antihypertensive and cardiac effects of guanadrel and propranolol] Jiao PH, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1985 Feb;7(1):67–8 (Eng. Abstr.) **(Chi)**

[A comparative study of carteolol and propranolol on exercise performance in patients with chronic stable angina pectoris] Liu PH, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Apr;84(4):457–61 (Eng. Abstr.) **(Chi)**

[Penbutolol and propranolol in the treatment of hypertension. A double-blind comparative study in general practice] Astvad K, et al. **Ugeskr Laeger** 1984 Oct 8;146(41):3104–6 (Eng. Abstr.) **(Dan)**

[Treatment of akathisia of neuroleptics by propranolol (letter)] Petit H, et al. **Presse Med** 1985 Apr 20;14(16):895–6 **(Fre)**

[Psychological and physical performance standards of borderline hypertensive patients before and during treatment with propranolol] Bolland G, et al. **Z Gesamte Inn Med** 1984 Nov 1;39(21):520–2 (Eng. Abstr.) **(Ger)**

[Long-term therapy of hypertrophic obstructive and non-obstructive cardiomyopathy with nifedipine in comparison to propranolol] Cserhalmi L, et al. **Z Gesamte Inn Med** 1984 Jul 15;39(14):330–5 (Eng. Abstr.) **(Ger)**

[Blood pressure and heart rate behavior of ergometrically stressed patients with and without beta receptor blocker] Freitag M, et al. **Z Gesamte Inn Med** 1985 Jan 1;40(1):20–2 (Eng. Abstr.) **(Ger)**

[Behavior of blood pressure and peripheral hemodynamics in interval therapy in untreated and propranolol-treated patients with arterial circulatory disorders of the lower extremities] Winterfeld HJ, et al. **Z Gesamte Inn Med** 1984 Sep 15;39(18):447–50 (Eng. Abstr.) **(Ger)**

[Therapeutic effect of propranolol in patients with orthostatic hypotension] Tamura N, et al. **Rinsho Shinkeigaku** 1984 Oct;24(10):1001–7 (Eng. Abstr.) **(Jpn)**

[Effect of adrenergic beta receptor blockaders on blood viscosity after their short-term use in patients with arteriosclerosis] Turczyński B, et al. **Pol Tyg Lek** 1985 Apr 29;40(17):481–4 (Eng. Abstr.) **(Pol)**

[Effectiveness of propranolol in the treatment of arterial hypertension in elderly patients] Halawa B. **Przegl Lek** 1984;41(8):545–50 (Eng. Abstr.) **(Pol)**

[Use of propranolol and other beta-adrenolytic drugs in the treatment of nervous system diseases] Głuszcz-Zielińska A. **Wiad Lek** 1984 Nov 15;37(22):1781–6 (Eng. Abstr.) **(Pol)**

[Possibilities of using neurotropic agents for preventing the development of aphthous stomatitis] Aĭrapetian GO, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):42–3 (Eng. Abstr.) **(Rus)**

[Prevention of the stress-induced decrease in natural killer activity by using a beta-adrenergic blocker and vitamin E] Meerson FZ, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):646–7 (Eng. Abstr.) **(Rus)**

[Antianginal and hemodynamic effect of propranolol and atenolol in patients with exertion angina] Desiatnichenko VM. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1984;7(2):71–5 (Eng. Abstr.) **(Rus)**

[Experimental myocardial infarction in atherosclerosis--various methods of pharmacological correction] Irgashev ShB. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1985;8(1):50–7 (Eng. Abstr.) **(Rus)**

[Comparative effects of obsidan and isoptin on the size of myocardial infarction] Agaev MM. **Kardiologiia** 1984 Oct;24(10):63–6 **(Rus)**

[Combined use of nitrates and beta-adrenergic blockaders in patients with acute myocardial infarct] Gvatua NA, et al. **Kardiologiia** 1985 Apr;25(4):12–7 (Eng. Abstr.) **(Rus)**

[Experience with the treatment of patients with hypertrophic cardiomyopathy with obsidan and isoptin] Kisliak OA, et al. **Kardiologiia** 1984 Aug;24(8):27–30 (Eng. Abstr.) **(Rus)**

[Effect of obzidan and pratsiol therapy on the blood plasma lipid profile and on the high- and low-density lipoprotein apoproteins in hypertension patients] Oganov RG, et al. **Kardiologiia** 1985 Apr;25(4):44–8 (Eng. Abstr.) **(Rus)**

[Effect of nitroprusside, nitroglycerin, propranolol and mannitol on the size of a myocardial infarct] Orlov VN, et al. **Kardiologiia** 1985 Apr;25(4):17–20 (Eng. Abstr.) **(Rus)**

[Effect of anaprilin on the peripheral circulation of patients with arterial hypertension] Zaslavskaia RM, et al. **Kardiologiia** 1985 Jan;25(1):41–4 (Eng. Abstr.) **(Rus)**

[Use of inderal for preventing heart damage in mechanical asphyxia accompanied by clinical death] Dolgikh VT. **Patol Fiziol Eksp Ter** 1985 Jan–Feb;(1):18–23 (Eng. Abstr.) **(Rus)**

[Pharmcodynamic evaluation of the use of anaprilin combined with merkazolil for the therapy of thyrotoxicosis] Verbovaia NI, et al. **Probl Endokrinol (Mosk)** 1985 Mar–Apr;31(2):9–13 (Eng. Abstr.) **(Rus)**

[Effect of obzidan on the indices of gas exchange and the sympathetic-adrenal system in ischemic heart disease patients with different types of circulation] Katsenovich RA, et al. **Ter Arkh** 1984;56(9):51–3 (Eng. Abstr.) **(Rus)**

[New therapeutic possibilities of propranolol] Preobrazhenskiĭ DV. **Ter Arkh** 1984;56(12):123–8 (78 ref.) **(Rus)**

[Correction of disorders of central and renal hemodynamics in patients with chronic calculous pyelonephritis with obzidan] Neĭmark AI. **Urol Nefrol (Mosk)** 1985 Jan–Feb;(1):17–20 **(Rus)**

[Morphological criteria of the effectiveness of using kordaron and obzidan in experimental myocardial ischemia] Grigor'eva NN, et al. **Vrach Delo** 1984 Oct;(10):91–3 (Eng. Abstr.) **(Rus)**

[Rheological properties of blood in patients with stenocardia during treatment with obsidan, corvatone and corinfar] Korabel'shchikova NI, et al. **Vrach Delo** 1985 Apr;(4):19–21 (Eng. Abstr.) **(Rus)**

[Beta-adrenergic blockers and renin–angiotensin–aldosterone system in healthy individuals and patients with arterial hypertension] Miranda B, et al. **Med Clin (Barc)** 1984 Nov 3;83(14):572–4 (Eng. Abstr.) **(Spa)**

[Effects of propranolol in the patient with liver cirrhosis and hemorrhage caused by esophageal varices] Esquivel López A, et al. **Rev Gastroenterol Mex** 1984 Oct–Dec;49(4):211–4 (Eng. Abstr.) **(Spa)**

[A 10-year follow-up of men with mild hypertension. Bendroflumethiazide and propranolol give equal effect in treatment of high blood pressure] Andersson OK, et al. **Lakartidningen** 1985 Mar 27;82(13):1159–62 **(Swe)**

TOXICITY

Different toxicological profiles for various beta-blocking agents on cardiac function in isolated rat hearts. de Wildt D, et al. **J Toxicol Clin Toxicol** 1984;22(2):115–32

[Effect of obzidan, tropaphen, adrenaline and euphylline on histamine bronchospasm in guinea pigs] Zarudiĭ FS. **Farmakol Toksikol** 1984 Nov–Dec;47(6):81–4 (Eng. Abstr.) **(Rus)**

URINE

Quantitative account of propranolol metabolism in urine of normal man. Walle T, et al. **Drug Metab Dispos** 1985 Mar–Apr;13(2):204–9

PROPRIOCEPTION

Age-related changes in proprioception and sensation of joint position. Kaplan FS, et al. **Acta Orthop Scand** 1985 Feb;56(1):72–4

Role of the cervical and lumbar proprioceptors during stepping. An electromyographic study of the muscular activities of the lower limbs. Fukushima H, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;419:91–105

Duration of muscle activity during standing in normally and slowly developing children. Williams HG, et al. **Am J Phys Med** 1985 Aug;64(4):171–89

New facts about hand control–kinaesthesia. Moberg E. **Ann Chir Main** 1985;4(1):64–6

Effects of externally imposed elastic loads on the ability to estimate position and force. Watson JD, et al. **Behav Brain Res** 1984 Sep;13(3):267–71

Multichannel transmission of proprioceptive input to motoneurons. Feenstra BW, et al. **Biol Cybern** 1985;52(1):53–8

The participation of forelimb flexors in labyrinth and neck reflexes in the decerebrate cat. Conway BA, et al. **Brain Res** 1984 Nov 19;322(1):148–51

Determination of excitability in human proprioceptive reflexes: analysis and characteristics of EMG thresholds of postural muscle. Davies TW, et al. **Brain Res** 1985 Jul 22;339(1):19–26

Tonic cervical influences on eye nystagmus following hemilabyrinthectomy: immediate and plastic effects. Pettorossi VE, et al. **Brain Res** 1984 Dec 17;324(1):11–9

Behaviorally specific limb use deficits following globus pallidus lesions in rats. Schneider JS, et al. **Brain Res** 1984 Aug 13;308(2):341–6

Electrophysiological and behavioural evidence for the role of oculomotor proprioception on visual functions of the cat. Maffei L, et al. **Doc Ophthalmol** 1984 Aug 15;58(1):97–100

Deafferentation of oculomotor proprioception affects depth discrimination in adult cats. Fiorentini A, et al. **Exp Brain Res** 1985;59(2):296–301

Proprioceptor distribution and control of a muscle reflex in the tibia of spider legs. Seyfarth EA, et al. **J Neurobiol** 1984 Sep;15(5):365–74

Inferior olivary neurons in the awake cat: detection of contact and passive body displacement. Gellman R, et al. **J Neurophysiol** 1985 Jul;54(1):40–60

Proprioceptive influences on auditory and visual spatial localization. Lackner JR, et al. **J Neurosci** 1985 Mar;5(3):579–83

Reactions of the geniculate cells to extraocular proprioceptive activation in rabbits. Molotchnikoff S, et al. **J Neurosci Res** 1985;14(1):105–15

Joint position sense in total knee arthroplasty. Skinner HB, et al. **J Orthop Res** 1984;1(3):276–83

An analysis of extended physiological proprioception as a prosthesis-control technique. Doubler JA, et al. **J Rehabil Res Dev** 1984 May;21(1):5–18

Design and evaluation of a prosthesis control system based on the concept of extended physiological proprioception. Doubler JA, et al. **J Rehabil Res Dev** 1984 May;21(1):19–31

Disturbed proprioception following a period of muscle vibration in humans. Rogers DK, et al. **Neurosci Lett** 1985 Jun 12;57(2):147–52

Directional selectivity in the responses of units in cat primary visual cortex to passive eye movement. Ashton JA, et al. **Neuroscience** 1984 Nov;13(3):653–62

Psychophysical determination of coordinate representation of human arm orientation. Soechting JF, et al. **Neuroscience** 1984 Oct;13(2):595–604

Visual localization with eye movements: a review. Morrison LC. **Ophthalmic Physiol Opt** 1984;4(4):339–53

Fractionation of the cataleptic bracing response in rats. Pellis SM, et al. **Physiol Behav** 1985 May;34(5):815–23

Proprioception in idiopathic scoliosis. Barrack RL, et al. **Spine** 1984 Oct;9(7):681–5

[Studies on primary afferent somatosensory and proprioceptive activities in the human] Wang KM, et al. **Sheng Li Ko Hsueh Chin Chan** 1984 Jul;15(3):265–7 **(Chi)**

[Does proprioception of the extrinsic eye muscles participate in equilibrium, vision and oculomotor action?] Batini C, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(1):7–18 (Eng. Abstr.) **(Fre)**

[Study of pathways and function of the proprioceptive system in the extrinsic muscles of the eye] Batini C. **Rev Otoneuroophtalmol** 1984 May–Jun;56(3):221–6 **(Fre)**

[Role of afferent signals from the extrinsic muscles of the eye during visual development] Buisseret P. **Rev Otoneuroophtalmol** 1984 May–Jun;56(3):227–30 **(Fre)**

[Histology and physiology of the proprioceptive receptors in the extrinsic muscles of the eye] Lasserre MH. **Rev Otoneuroophtalmol** 1984 May–Jun;56(3):217–20 **(Fre)**

[Neurophysiology of ocular proprioceptors. Clinical value] Toupet M. **Rev Otoneuroophtalmol** 1984 May–Jun;56(3):231–5 **(Fre)**

[Proprioceptive sensitivity and orofacial functions] Auriol M, et al. **Rev Stomatol Chir Maxillofac** 1985;86(3):137–46 (Eng. Abstr.) **(Fre)**

[Analysis of the maintenance of human body equilibrium in the blockade of certain types of proprioceptive afferentation] Smetanin BN, et al. **Fiziol Cheloveka** 1984 Mar–Apr;10(2):291–8 **(Rus)**

[Depolarization of primary afferents evoked by cyclically modulated natural activity of proprioceptors of the hindlimb of the cat] Marlinskiĭ VV, et al. **Neirofiziologiia** 1985;17(3):372–80 (Eng. Abstr.) **(Rus)**

[Effect of proprioceptive and visual stimulation on brain stem auditory evoked potentials in the cat and in man] Alekseenko NIu, et al. **Zh Vyssh Nerv Deiat** 1984 Sep–Oct;34(5):920–5 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Primate globus pallidus and subthalamic nucleus: functional organization. DeLong MR, et al. **J Neurophysiol** 1985 Feb;53(2):530–43

PROPYL GALLATE see under **GALLIC ACID**

PROPYLADIPHENIN see **PROADIFEN**

PROPYLAMINE TRANSFERASE see under **TRANSFERASES**

PROPYLAMINES

ADMINISTRATION & DOSAGE

Prophylactic effect of intravenous tiapamil on methylergometrine-induced coronary artery spasm in patients with variant angina: randomized double-blind trial. Danchin N, et al. **Am Heart J** 1985 Apr;109(4):764–8

Usefulness and safety of cimetidine in patients receiving mexiletine for ventricular arrhythmia. Klein AL, et al. **Am Heart J** 1985 Jun;109(6):1281–6

Tiapamil dose ranging study on exercise performance in patients with exercise induced angina and coronary artery disease. Maltz MB, et al. **Arq Bras Cardiol** 1984 Jun;42(6):443–6

Conversion from intravenous to oral mexiletine in the acute management of repetitive ventricular arrhythmia. Horowitz LN, et al. **Clin Pharmacol Ther** 1985 Jun;37(6):644–8

Antiarrhythmic efficacy of combined intravenous and oral mexiletine in acute myocardial infarction. A double blind placebo-controlled study. Halinen MO, et al. **Eur Heart J** 1984 Aug;5(8):675–83

Comparison of two dosage regimens of fluoxetine in major depression. Rickels K, et al. **J Clin Psychiatry** 1985 Mar;46(3 Pt 2):38–41

[Antiarrhythmic action of intravenous mexiletine] Rizzo A, et al. **Boll Soc Ital Cardiol** 1984 Mar–Apr;29(3–4):211–8 (Eng. Abstr.) **(Ita)**

ADVERSE EFFECTS

A second case of mania associated with fluoxetine [letter] Turner SM, et al. **Am J Psychiatry** 1985 Feb;142(2):274–5

No crossover of hypersensitivity between zimelidine and fluoxetine [letter] Chouinard G, et al. **Can Med Assoc J** 1984 Nov 15;131(10):1190

Contact allergy to oleamidopropyl dimethylamine. de Groot AG, et al. **Contact Dermatitis** 1984 Nov;11(5):298–301

The side effect profile and safety of fluoxetine. Wernicke JF. **J Clin Psychiatry** 1985 Mar;46(3 Pt 2):59–67 (32 ref.)

Orthostatic side effects of clomipramine and citalopram during treatment for depression. Christensen P, et al. **Psychopharmacology (Berlin)** 1985;86(4):383–5

[Thrombocytopenia and mexiletine. Description of a case and analysis of the possible pathogenetic relations] Barducci E, et al. **Minerva Cardioangiol** 1985 Jan–Feb;33(1–2):41–2 (Eng. Abstr.) **(Ita)**

[Dermatitis caused by mexiletine (letter)] Ribera Pibernat M, et al. **Med Clin (Barc)** 1984 Dec 8;83(19):825 **(Spa)**

ANALYSIS

Natural occurrence of guanidinooxypropylamine in Wistaria floribunda and the sword bean Canavalia gladiata. Hamana K, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):46–51

Liquid-chromatographic determination of propisomide and its mono-N-dealkylated metabolite in plasma and urine. Houin G, et al. **Clin Chem** 1985 Jul;31(7):1222–4

Determination of tiapamil and of its two main metabolites in plasma and in urine by high-performance liquid chromatography. Heizmann P, et al. **J Chromatogr** 1984 Sep 14;310(1):119–27

Determination of propisomide, a new antiarrhythmic agent, in biological samples by gas chromatography with a thermionic detector. Necciari J, et al. **J Chromatogr** 1985 May 31;341(1):202–7

ANTAGONISTS & INHIBITORS

D-amphetamine and DL-alpha-N-methyltryptamine eliminate the irreversible inhibition of mitochondrial monoamine oxidase, caused by clorgyline. The specific action on the tyramine oxidation. Severina IS. **Biochem Int** 1984 Aug;9(2):219–28

BLOOD

High-performance liquid chromatographic assay for mexiletine enantiomers in human plasma. Grech-Bélanger O, et al. **J Chromatogr** 1985 Jan 11;337(1):172–7

Gas chromatographic method for the routine serum monitoring of mexiletine. Grech-Bélanger O. **J Chromatogr** 1984 Jul 13;309(1):165–9

Determination of citalopram, amitriptyline and clomipramine in plasma by reversed-phase high-performance liquid chromatography. Rop PP, et al. **J Chromatogr** 1985 Feb 27;338(1):171–8

High pressure liquid chromatographic assay for mexiletine in serum. Grech-Bélanger O, et al. **J Chromatogr Sci** 1984 Nov;22(11):490–2

Protein binding of propisomide. Zini R, et al. **J Pharm Sci** 1985 May;74(5):530–3

CHEMICAL SYNTHESIS

[Synthesis of mexiletine analogs] Xia L, et al. **Yao Hsueh Hsueh Pao** 1984 Sep;19(9):656–9 (Eng. Abstr.) **(Chi)**

METABOLISM

Selective, irreversible in vivo binding of [11C]clorgyline and [11C]-L-deprenyl in mice: potential for measurement of functional monoamine oxidase activity in brain using positron emission tomography. MacGregor RR, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3207–10

Mexiletine clearance during peritoneal dialysis [letter] Guay DR, et al. **Br J Clin Pharmacol** 1985 Jun;19(6):857–8

Effect of cigarette smoking on mexiletine kinetics. Grech-Bélanger O, et al. **Clin Pharmacol Ther** 1985 Jun;37(6):638–43

Mexiletine kinetics in healthy subjects taking cimetidine. Klein A, et al. **Clin Pharmacol Ther** 1985 Jun;37(6):669–73

Pharmacokinetics and nondialyzability of mexiletine in renal failure. Wang T, et al. **Clin Pharmacol Ther** 1985 Jun;37(6):649–53

Single-dose and steady-state pharmacokinetics of tomoxetine in normal subjects. Farid NA, et al. **J Clin Pharmacol** 1985 May–Jun;25(4):296–301

Distribution of citalopram in the blood serum and in the central nervous system of rats after single and multiple dosage. Melzacka M, et al. **Pol J Pharmacol Pharm** 1984 Nov-Dec;36(6):675-82

Kinetics of citalopram in elderly patients. Fredericson Overø K, et al. **Psychopharmacology (Berlin)** 1985;86(3):253-7

PHARMACODYNAMICS

The citalopram/5-HTP-induced head shake syndrome is correlated to 5-HT2 receptor affinity and also influenced by other transmitters. Arnt J, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Nov;55(5):363-72

Brain monoamine oxidase in suckling rabbits treated with organophosphorus compound. I. Acute intoxication. Maślińska D. **Acta Physiol Pol** 1984 Mar-Apr;35(2):137-40

Monoamine uptake inhibitors attenuate ethanol intake in alcohol-preferring (P) rats. Murphy JM, et al. **Alcohol** 1985 Mar-Apr;2(2):349-52

Inhibition of sympathetic nervous system by mexiletine, an antiarrhythmic agent, and its antagonism against ouabain. Kitagawa H, et al. **Arzneimittelforsch** 1985;35(1A):356-9

1-Aminooxy-3-aminopropane, a new and potent inhibitor of polyamine biosynthesis that inhibits ornithine decarboxylase, adenosylmethionine decarboxylase and spermidine synthase. Khomutov RM, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):596-602

Effect of superior cervical ganglionectomy on melatonin stimulation by specific MAO-A inhibition. McIntyre IM, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3393-4

Membrane-specific inhibitors of the bovine heart mitochondrial ATPase. Feldman RI, et al. **Biochim Biophys Acta** 1985 Feb 22;806(2):277-82

Increased total activity in the rat after L-tryptophan plus the monoamine oxidase-A inhibitor amiflamine but not after L-tryptophan plus clorgyline. Archer T, et al. **Br J Pharmacol** 1985 Jul;85(3):581-90

Release of endogenous dopamine from rat isolated striatum: effect of clorgyline and (-)-deprenyl. Hársing LG Jr, et al. **Br J Pharmacol** 1984 Nov;83(3):741-9

Promotion of daunorubicin uptake and toxicity by the calcium antagonist tiapamil and its analogs. Kessel D, et al. **Cancer Treat Rep** 1985 Jun;69(6):673-6

Effect of fluoxetine on psychomotor performance, physiologic response, and kinetics of ethanol. Lemberger L, et al. **Clin Pharmacol Ther** 1985 Jun;37(6):658-64

Electrophysiological and receptor studies in rat brain: effects of clorgyline. Campbell IC, et al. **Eur J Pharmacol** 1985 May 20;111(3):355-64

Chronic administration of tiapamil prevents hemodynamic alterations accompanying development of high blood pressure in hypertensive rats. Hefti F, et al. **J Cardiovasc Pharmacol** 1984 Nov-Dec;6(6):1192-200

Serotonin depression of local cerebral glucose utilisation after monoamine oxidase inhibition. Grome JJ, et al. **J Cereb Blood Flow Metab** 1985 Sep;5(3):473-5

Effect of fluoxetine on the electrocardiogram. Fisch C. **J Clin Psychiatry** 1985 Mar;46(3 Pt 2):42-4

Fluoxetine: clinical pharmacology and physiologic disposition. Lemberger L, et al. **J Clin Psychiatry** 1985 Mar;46(3 Pt 2):14-9

Classification and determination of cerebral bioavailability of fluoxetine: pharmacokinetic, pharmaco-EEG, and psychometric analyses. Saletu B, et al. **J Clin Psychiatry** 1985 Mar;46(3 Pt 2):45-52

The pharmacologic profile of fluoxetine. Stark P, et al. **J Clin Psychiatry** 1985 Mar;46(3 Pt 2):7-13

Blockage of the sodium current in isolated single cells from rat ventricle with mexiletine and disopyramide. Yatani A, et al. **J Mol Cell Cardiol** 1985 May;17(5):467-76

The sensitivity of hippocampal pyramidal neurons to serotonin in vitro: effect of prolonged treatment with clorgyline or clomipramine. Olpe HR, et al. **J Neural Transm** 1984;60(3-4):265-71

Selective inhibition of MAO-A but not MAO-B activity increases rat pineal melatonin. Oxenkrug GF, et al. **J Neural Transm** 1985;61(3-4):265-70

Amine oxidase activities in brown adipose tissue of the rat: identification of semicarbazide-sensitive (clorgyline-resistant) activity at the fat cell membrane. Barrand MA, et al. **J Pharm Pharmacol** 1984 Oct;36(10):652-8

The effects of mexiletine on action potential duration and its restitution in guinea pig ventricular muscles. Matsuo S, et al. **Jpn Heart J** 1985 Mar;26(2):271-87

Fluoxetine, a selective inhibitor of serotonin uptake, potentiates morphine analgesia without altering its discriminative stimulus properties or affinity for opioid receptors. Hynes MD, et al. **Life Sci** 1985 Jun 17;36(24):2317-23

Differential effects of chronic clorgyline and amfonelic acid on desensitization of striatal dopamine receptors. Meller E, et al. **Life Sci** 1984 Oct 29;35(18):1829-38

Beneficial actions of two novel calcium entry blockers in the isolated perfused hypoxic cat liver. Lefer AM, et al. **Methods Find Exp Clin Pharmacol** 1985 Feb;7(2):59-63

Effects of clorgyline and (-)deprenyl on the deamination of normetanephrine and noradrenaline in strips and homogenates of the canine saphenous vein. Caramona MM, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Feb;328(4):396-400

6-Hydroxydopamine pretreatment effects on alpha- and beta-adrenergic receptor adaptation to clorgyline. Cohen RM, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Apr;329(2):158-61

Inhibition of monoamine oxidase and semicarbazide-sensitive amine oxidase by mexiletine and related compounds. Eriksson M, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Oct;327(4):273-8

Treatment with clorgyline and pargyline differentially decreases clonidine-induced hypotension and bradycardia. Gutkind JS, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Sep;327(3):189-92

Role of the serotonin uptake carrier in the neurochemical response to methamphetamine: effects of citalopram and chlorimipramine. Schmidt CJ, et al. **Neurochem Res** 1985 May;10(5):637-48

In vivo electrochemical detection of 5-hydroxyindoles in rat cerebral cortex and spinal cord: differential effects of p-chloroamphetamine, probenecid and clorgyline. Ory-Lavollee L, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):231-7

The effects of quipazine and fluoxetine on extinction of a previously-reinforced operant response in rats. Beninger RJ. **Pharmacol Biochem Behav** 1984 Oct;21(4):533-7

CNS effects of citalopram, a new serotonin inhibitor antidepressant (a quantitative pharmaco-electroencephalography study). Itil TM, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984;8(3):397-409

Changes in rat dopamine- and serotonin function in vivo after prolonged administration of the specific 5-HT uptake inhibitor, citalopram. Arnt J, et al. **Psychopharmacology (Berlin)** 1984;84(4):457-65

Ro 11-2465 (cyan-imipramine), citalopram and their N-desmethyl metabolites: effects on the uptake of 5-hydroxytryptamine and noradrenaline in vivo and related pharmacological activities. Pawlowski L, et al. **Psychopharmacology (Berlin)** 1985;86(1-2):156-63

The effect of clorgyline on noradrenergic function. Ross RJ, et al. **Psychopharmacology (Berlin)** 1985;85(2):227-30

Tiapamil--a new calcium antagonist. Opie LH, et al. **S Afr Med J** 1985 Jun 1;67(22):881-3 (31 ref.)

THERAPEUTIC USE

Citalopram versus mianserin. A controlled, double-blind trial in depressed patients. de Wilde J, et al. **Acta Psychiatr Scand** 1985 Jul;72(1):89-96

Antiobsessive effect of fluoxetine [letter] Fontaine R, et al. **Am J Psychiatry** 1985 Aug;142(8):989

Tocainide and mexiletine. Orally effective lidocaine analogues. Roden DM. **Arch Intern Med** 1985 Mar;145(3):417-8 (23 ref.)

Effect of a new calcium antagonist, tiapamil, in hypertension of the elderly. Balansard P, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):823-9

Tiapamil, a new calcium antagonist: hemodynamic effects in patients with acute myocardial infarction. Eichler HG, et al. **Circulation** 1985 Apr;71(4):779-86

Effects of the calcium antagonist tiapamil on pulmonary gas exchange in patients with chronic obstructive pulmonary disease who receive salbutamol. Gugger M, et al. **Clin Pharmacol Ther** 1985 Jul;38(1):96-100

Failure of mexiletine to relieve severe pruritus. Hägermark O, et al. **Dermatologica** 1984;169(4):188-90

Mexiletine in ventricular arrhythmias--an assessment by 24 hours holter monitoring. Gambhir DS, et al. **Indian Heart J** 1984 May-Jun;36(3):142-6

Lidocaine, mexiletine and propafenone in the treatment of arrhythmias complicating myocardial infarction. A case report. Aguglia F, et al. **Int J Cardiol** 1985 Mar;7(3):303-6

International mexiletine and placebo antiarrhythmic coronary trial: I. Report on arrhythmia and other findings. Impact Research Group. **J Am Coll Cardiol** 1984 Dec;4(6):1148-63

Clinical evaluation of oral mexiletine therapy in the treatment of ventricular arrhythmias. Rutledge JC, et al. **J Am Coll Cardiol** 1985 Oct;6(4):780-4

Fluoxetine in depressed patients: a comparison with imipramine. Bremner JD. **J Clin Psychiatry** 1984 Oct;45(10):414-9

A double-blind controlled clinical trial of fluoxetine and amitriptyline in the treatment of outpatients with major depressive disorder. Chouinard G. **J Clin Psychiatry** 1985 Mar;46(3 Pt 2):32-7

A comparison of fluoxetine, imipramine, and placebo in patients with major depressive disorder. Cohn JB, et al. **J Clin Psychiatry** 1985 Mar;46(3 Pt 2):26-31

A comparative trial of fluoxetine and amitriptyline in patients with major depressive disorder. Feighner JP. **J Clin Psychiatry** 1985 Sep;46(9):369-72

Double-blind comparative trials of fluoxetine and doxepin in geriatric patients with major depressive disorder. Feighner JP, et al. **J Clin Psychiatry** 1985 Mar;46(3 Pt 2):20-5

Development of new treatments for depression. Montgomery SA. **J Clin Psychiatry** 1985 Mar;46(3 Pt 2):3-6

A review of multicenter controlled studies of fluoxetine vs. imipramine and placebo in outpatients with major depressive disorder. Stark P, et al. **J Clin Psychiatry** 1985 Mar;46(3 Pt 2):53-8

Fluoxetine treatment of obsessive-compulsive disorder. Turner SM, et al. **J Clin Psychopharmacol** 1985 Aug;5(4):207-12

The effects of citalopram (Lu 10-171) on the serotonin (5-HT) uptake kinetics in platelets from endogenously depressed patients. Beving H, et al. **J Neural Transm** 1985;61(1-2):95-104

Clinical pharmacology of tomoxetine, a potential antidepressant. Zerbe RL, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):139-43

An early Phase II clinical trial with followup of tomoxetine (LY139603) in the treatment of newly admitted depressed patients. Chouinard G, et al. **Psychopharmacol Bull** 1985;21(1):73-6

Isopyrin-phenylbutazone for intractable migraine [letter] **S Afr Med J** 1985 Jan 19;67(3):78-9

Comparative study of mexiletine and quinidine in the treatment of ventricular ectopia. Assey ME, et al. **South Med J** 1985 May;78(5):565-8

Mexiletine therapy for ventricular tachycardia. Maddox RW, et al. **South Med J** 1985 Apr;78(4):482-3

Mexiletine: long-term follow-up of a patient with prolonged QT interval and quinidine-induced torsades de pointes. Thomas MG, et al. **South Med J** 1985 Feb;78(2):205-6

[Mexiletine treatment of ventricular tachy-arrhythmias endangering life based on programmed ventricular stimulation] Møller M, et al. **Ugeskr Laeger** 1985 Apr 8;147(15):1254-7 (Eng. Abstr.) **(Dan)**

[Early interruption of antiarrhythmia treatment in the acute phase of infarction complicated by ventricular arrhythmia] Sebbah J, et al. **Ann Cardiol Angeiol (Paris)** 1985 Mar;34(3):129-32 (Eng. Abstr.) **(Fre)**

[Open preliminary study of new antidepressive compound: citalopram] Ropert R, et al. **Encephale** 1984;10(3):131-4 (Eng. Abstr.) **(Fre)**

[Therapy of orthostatic dysregulation with gepefrin. Study with continuous telemetric blood pressure monitoring] Bachour G, et al. **Z Kardiol** 1985 Apr;74(4):228-33 (Eng. Abstr.) **(Ger)**

[Mexiletine (editorial)] Goldhammer E, et al. **Harefuah** 1985 Jan 15;108(2):105-7 **(Heb)**

[Anti-arrhythmic activity of mexiletine administered intravenously] Rizzo A, et al. **Cardiologia** 1984 Mar-Apr;29(3-4):211-8 (Eng. Abstr.) **(Ita)**

[Severe ventricular arrhythmia in childhood treated with mexiletine] Milandri M, et al. **Clin Ter** 1984 Jun 15;109(5):467-70 (Eng. Abstr.) **(Ita)**

[Ventricular fibrillation caused by myocardial infarction refractory to electric shock and xylocaine. Positive response to intravenous mexiletine] Forzoni M, et al. **Minerva Cardioangiol** 1985 Mar;33(3):135-9 (Eng. Abstr.) **(Ita)**

[Monitoring of anti-arrhythmia drugs with the Holter system and the determination of their blood levels (mexiletine (mexitil) and amiodarone)] Paciaroni E, et al. **Minerva Cardioangiol** 1985 May;33(5):251-8 (Eng. Abstr.) **(Ita)**

[Efficacy of mexiletine in the long-term treatment of exertion arrhythmia] Pesciatini F, et al. **Minerva Cardioangiol** 1985 Jan-Feb;33(1-2):33-9 (Eng. Abstr.) **(Ita)**

[Usefulness of tiapamil, a new calcium antagonist, in the treatment of essential arterial hypertension] Nieto J, et al. **Med Clin (Barc)** 1985 Jul 6;85(6):225-7 (Eng. Abstr.) **(Spa)**

TOXICITY

Possible adverse effects on the cardiovascular system of an antiarrhythmic drug mexiletine. Rossi F, et al. **Arch Toxicol [Suppl]** 1984;7:510-4

[Toxicity of several aliphatic amines] Sidorin GI, et al. **Gig Tr Prof Zabol** 1984 Nov;(11):50-3 (Eng. Abstr.) **(Rus)**

PROPYLBENZILYLCHOLINE MUSTARD see under **CHOLINE**

PROPYLENE GLYCOLS see **PROPANEDIOLS**

PROPYLHEXEDRINE see under **PROPYLAMINES**

PROPYLIODONE see under **IODOPYRIDONES**

PROPYLTHIOURACIL

ADMINISTRATION & DOSAGE

Effect of propylthiouracil dose on serum thyroxine, growth, and weaning in young rats. Blake HH, et al. **Am J Physiol** 1985 May;248(5 Pt 2):R524-30

Propylthiouracil levels in hyperthyroid patients unresponsive to large doses. Evidence of poor patient compliance. Cooper DS. **Ann Intern Med** 1985 Mar;102(3):328-31

ADVERSE EFFECTS

Correction. Propylthiouracil and hepatitis [letter] Fedotin MS. **Arch Intern Med** 1984 Oct;144(10):2100-1

Hepatotoxicity from antithyroid drugs. Vitug AC, et al. **Horm Res** 1985;21(4):229-34

Erythema nodosum related to propylthiouracil treatment for thyrotoxicosis. Keren G, et al. **Isr J Med Sci** 1985 Jan;21(1):62-3

Unusual presentation of spinal osteomyelitis in a patient taking propylthiouracil. A case report. Kornberg M, et al. **Spine** 1985 Jan-Feb;10(1):104-7

PHARMACODYNAMICS

Effects of propylthiouracil on D–galactosamine hepatotoxicity in the rat. Evidence for a non–thyroidal effect. Cooper DS, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3391–7

Inhibitory effect of propylthiouracil on the development of metabolic tolerance to ethanol. Rachamin G, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2377–83

Changes in the hemoglobin system of the coho salmon Oncorhynchus kisutch during smoltification and triiodothyronine and propylthiouracil treatment. Sullivan CV, et al. **Comp Biochem Physiol [A]** 1985;81(4):807–13

Effect of acetaminophen toxicity on erythrocyte osmotic fragility in the Fisher rat. Raheja KL, et al. **Comp Biochem Physiol [C]** 1984;79(1):27–30

Effects of triiodothyronine and propylthiouracil on regeneration of catecholaminergic nerve terminals in the paraventricular hypothalamic nucleus of the adult rat. Hoovler DW, et al. **Exp Neurol** 1985 Jul;89(1):123–33

Cytochemical localization of peroxidase and hydrogen–peroxide–producing NAD(P)H–oxidase in thyroid follicular cells of propylthiouracil–treated rats. Mizukami Y, et al. **Histochemistry** 1985;82(3):263–8

Effects of drugs on peripheral thyroxine metabolism. Wartofsky L, et al. **Horm Metab Res [Suppl]** 1984;14:105–8

In vitro studies of the effect of propylthiouracil and ronnel on thyroxine–5'–monodeiodinase activity in steers. Kahl S, et al. **J Anim Sci** 1985 Jul;61(1):197–202

Changes in plasma concentrations of thyroxine and triiodothyronine in beef steers fed different levels of propylthiouracil. Rumsey TS, et al. **J Anim Sci** 1985 Jun;60(6):1454–62

Effects of altered thyroid status on beta–adrenergic actions on skeletal muscle glycogen metabolism. Chu DT, et al. **J Biol Chem** 1985 Aug 25;260(18):9994–10000

Regulation of neuron numbers in Xenopus laevis: effects of hormonal manipulation altering size at metamorphosis. Sperry DG, et al. **J Comp Neurol** 1985 Feb 15;232(3):287–98

Aldosterone and plasma renin activity in hyperthyroid rats: effects of propranolol and propylthiouracil. Montiel M, et al. **J Endocrinol Invest** 1984 Dec;7(6):559–62

Relationship between leukopenia and bone marrow myeloperoxidase in the rat treated with propylthiouracil. Kariya K, et al. **Jpn J Pharmacol** 1984 Oct;36(2):217–22

Selective induction of cytochrome b5 and NADH cytochrome b5 reductase by propylthiouracil. Kariya K, et al. **Life Sci** 1984 Dec 3;35(23):2327–34

THERAPEUTIC USE

Thyroid stimulating immunoglobulins in Graves' disease with goitre growth, low thyroxine and increasing triiodothyronine during PTU treatment. Hegedüs L, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):482–8

A comparison of the effects of propylthiouracil and methimazol on circulating thyroid hormones and various measures of peripheral thyroid hormone effects in thyrotoxic patients. Laurberg P, et al. **Acta Endocrinol (Copenh)** 1985 Jan;108(1):51–4

Lifetime treatment for a transient disease [letter] Berger H. **Hosp Pract [Off]** 1985 May 30;20(5A):15

Radioiodine therapy of hyperthyroidism: socioeconomic considerations [editorial] Spencer RP, et al. **J Nucl Med** 1985 Jun;26(6):663–5

Antithyroid drugs. Cooper DS. **N Engl J Med** 1984 Nov 22;311(21):1353–62 (151 ref.)

TOXICITY

Propylthiouracil–induced immune–mediated disease in the cat. Aucoin DP, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):13–8

PROSCILLARIDIN see under **BUFANOLIDES**

PROSIMII

ANATOMY & HISTOLOGY

Relative brain size in monkeys and prosimians. Armstrong E. **Am J Phys Anthropol** 1985 Mar;66(3):263–73

PHYSIOLOGY

[Semiquantitative study of the stress of pressure on bone tissue in leaping locomotion] Niemitz C, et al. **Z Morphol Anthropol** 1985;75(3):273–85 (Eng. Abstr.) **(Ger)**

PROSPECTIVE STUDIES

A comparison of the logistic risk function and the proportional hazards model in prospective epidemiologic studies [letter] Hauck WW. **J Chronic Dis** 1985;38(1):125–6

Understanding case–control and prospective statistics [editorial] Koss N. **Plast Reconstr Surg** 1985 Mar;75(3):411–2

The logistic analysis of epidemiologic prospective studies: investigation by simulation [letter] **Stat Med** 1985 Apr–Jun;4(2):237–42

On the use of the logistic model in prospective studies. Halperin M, et al. **Stat Med** 1985 Apr–Jun;4(2):227–35

PROSPIDIUM see under **PIPERAZINES**

PROSTACYCLINS see **PROSTAGLANDINS X**

PROSTAGLANDIN A ANALOGS see **PROSTAGLANDINS A, SYNTHETIC**

PROSTAGLANDIN ANALOGS see **PROSTAGLANDINS, SYNTHETIC**

PROSTAGLANDIN ANTAGONISTS

Prostaglandin–inhibitor naproxen does not affect contact lens–induced changes in the human corneal endothelium. Efron N, et al. **Am J Optom Physiol Opt** 1984 Dec;61(12):741–4

ADVERSE EFFECTS

Role of prostaglandins in drug nephrotoxicity. Hornych A. **Contrib Nephrol** 1984;42:220–32 (50 ref.)

ANALYSIS

High–performance liquid chromatographic determination of 3–hydroxymethyl–dibenzo[b,f]thiepin 5,5–dioxide and its acid metabolite in human plasma and urine. Slobodzian DK, et al. **J Chromatogr** 1985 Feb 27;338(1):253–8

CHEMICAL SYNTHESIS

4–(4–Phenylsubstituted)–1,2,3–triazolacetic acid derivatives in vitro inhibitors of prostaglandin synthesis. Biagi G, et al. **Farmaco [Sci]** 1985 Feb;40(2):73–85

ISOLATION & PURIFICATION

Isolation from Cannabis sativa L. of cannflavin––a novel inhibitor of prostaglandin production. Barrett ML, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):2019–24

PHARMACODYNAMICS

Effect of prostaglandin inhibition on the renal vascular response to ionic and non–ionic contrast media in the dog. Lund G, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(5):407–10

Prostaglandin synthesis inhibitors and vasa recta erythrocyte velocities in the rat. Lemley KV, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F562–7

The effects of indomethacin administration during pregnancy on women's and newborns' T–suppressor lymphocyte activity and on HLA class II expression by newborns' leukocytes. Durandy A, et al. **Am J Reprod Immunol Microbiol** 1985 Jul;8(3):94–100

Inhibition of prostaglandin action and bone resorption by copper. Katz JM, et al. **Ann Rheum Dis** 1984 Dec;43(6):841–6

Inhibition of prostaglandin synthesis restores normal hemodynamics in canine hyperdynamic sepsis. Fink MP, et al. **Ann Surg** 1984 Nov;200(5):619–26

Influence of a prostaglandin synthesis inhibitor and of thrombocytopenia on tumor blood flow and tumor vascular permeability. Experimental studies in the rat. Peterson HI, et al. **Anticancer Res** 1985 May–Jun;5(3):253–7

Antagonism of prostaglandin–mediated responses in platelets and vascular smooth muscle by 13–azaprostanoic acid analogs. Evidence for selective blockade of thromboxane A2 responses. Huzoor–Akbar, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):641–7

Aspirin inhibition of 1 alpha–hydroxyvitamin D3 or parathyroid hormone induced hypercalcemia in vivo in rats. A mechanism independent of prostaglandin biosynthesis inhibition. Kawashima H, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):1901–6

Inhibitors of prostaglandin synthesis augment beta–adrenergic responsiveness in canine coronary arteries. Rubanyi G, et al. **Circ Res** 1985 Jan;56(1):117–25

Late phase of nitroglycerin–induced coronary vasodilatation blunted by inhibition of prostaglandin synthesis. Trimarco B, et al. **Circulation** 1985 Apr;71(4):840–8

The effect of topically applied prostaglandin inhibitors on the laser–induced disruption of the blood aqueous barrier. Schrems W, et al. **Doc Ophthalmol** 1985 Apr 30;59(3):269–75

Active and acid–activable inactive renin during inhibition by indomethacin of prostaglandin synthesis in sodium–replete man. Lijnen P, et al. **Eur J Clin Invest** 1985 Jun;15(3):141–5

Potentiation of the inhibitory effect of a thromboxane A2 antagonist (L–640,035) on arterial thrombosis formation in rabbit by the angiotensin converting enzyme inhibitor enalapril. Chan CC, et al. **Eur J Pharmacol** 1985 Apr 16;110(3):323–8

Inhibition of prostaglandin synthesis produces a muscular dystrophy–like myopathy. McLennan IS. **Exp Neurol** 1985 Sep;89(3):616–21

Prostaglandin synthesis inhibitors in erythropoiesis. Pavlović–Kentera V, et al. **Haematologia (Budap)** 1984;17(2):161–8

Prostaglandin synthesis inhibition reverses the gastric antisecretory activity of somatostatin in anaesthetized rats. Aliño SF, et al. **Horm Metab Res** 1985 Mar;17(3):123–6

Receptor (norepinephrine), P–site (2',5'–dideoxyadenosine), and calcium–mediated inhibition of prostaglandin and forskolin–activated cyclic AMP–generating systems in human platelets. Siegl AM, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985;10(3):229–45

Effect of second tumors and of prostaglandin–leukotriene inhibitors on radiation therapy of transplanted rodent tumors. Ambrus JL, et al. **J Med** 1984;15(2):93–103

Arachidonic acid metabolism in inflamed gingiva and its inhibition by anti–inflammatory drugs. ElAttar TM, et al. **J Periodontol** 1984 Sep;55(9):536–9

Lack of effect of prostaglandin inhibition on calcium excretion in normal volunteers. Rocco VK, et al. **J Urol** 1985 Jun;133(6):1093–4

Effect of prostaglandin blockade on Na transport by the different segments of human nephron. Satta A, et al. **Panminerva Med** 1984 Jul–Sep;26(3):149–55

Analysis of the antagonist profile of SK&F 88046 on guinea pig trachea. Weichman BM, et al. **Prostaglandins Leukotrienes Med** 1984 Aug;15(2):167–75

Effects of salicylate on insulin and glucagon secretion by the isolated and perfused rat pancreas. García C, et al. **Rev Esp Fisiol** 1984 Dec;40(4):477–81

[Collapse of the blood–aqueous humor barrier following laser injury––preventive pharmacotherapy with prostaglandin inhibitors] Schrems W. **Klin Monatsbl Augenheilkd** 1985 Jan;186(1):29–31 (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

Inhibition of prostaglandin synthesis by ovine allantoic fluid: acute reduction in inhibitory activity during late gestation. Leach Harper CM, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1152–7

Prostaglandin inhibitory compounds in the initiation of human labour [letter] Reddi K, et al. **Lancet** 1985 Jun 29;1(8444):1508

Limited effects of prostaglandin inhibitors in Escherichia coli sepsis. Hulton NR, et al. **Surgery** 1985 Aug;98(2):291–7

THERAPEUTIC USE

An antagonist of prostaglandin synthesis in cardiovascular diseases. Viinikka L. **Ann Clin Res** 1984;16(5–6):262–8 (57 ref.)

Flurbiprofen pretreatment in argon laser trabeculoplasty for primary open–angle glaucoma. Weinreb RN, et al. **Arch Ophthalmol** 1984 Nov;102(11):1629–32

Prostaglandin inhibition and the rate of recovery after arthroscopic meniscectomy. A randomised double–blind prospective study. Ogilvie–Harris DJ, et al. **J Bone Joint Surg [Br]** 1985 Aug;67(4):567–71

Effect of sodium meclofenamate on radiation–induced esophagitis and cystitis. Ambrus JL, et al. **J Med** 1984;15(2):81–92

[Prostaglandins and inhibitors of their synthesis in occlusive vascular diseases] Viinikka L. **Duodecim** 1984;100(16):1007–16 **(Fin)**

[Combination of thiazide diuretics and prostaglandins inhibitors in the treatment of nephrogenic diabetes insipidus] Pichetti D, et al. **Clin Ter** 1985 May 31;113(4):281–7 (Eng. Abstr.) **(Ita)**

PROSTAGLANDIN E ANALOGS see **PROSTAGLANDINS E, SYNTHETIC**

PROSTAGLANDIN ENDOPEROXIDE ANALOGS see **PROSTAGLANDIN ENDOPEROXIDES, SYNTHETIC**

PROSTAGLANDIN ENDOPEROXIDE SYNTHETASE see **PROSTAGLANDIN SYNTHASE**

PROSTAGLANDIN ENDOPEROXIDES

ANTAGONISTS & INHIBITORS

Effects of the prostaglandin H2/thromboxane A2 antagonist BM 13.177 on human platelets. Patscheke H, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:371–3

BIOSYNTHESIS

[Thrombocyte interaction with a collagen substrate: the role of thrombocyte–synthesized prostaglandin endoperoxides and thromboxane A2] Mazurov AB, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):563–6 (Eng. Abstr.) **(Rus)**

BLOOD

[Kinetic mechanisms of enzyme activity of the thromboxane synthetase system. Thromboxane synthetase of human platelets] Basevich VV, et al. **Biokhimiia** 1984 Sep;49(9):1538–45 (Eng. Abstr.) **(Rus)**

CHEMICAL SYNTHESIS

Synthesis of thromboxanes, prostacyclin, and the endoperoxides. Johnson RA. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;14:131–54 (74 ref.)

METABOLISM

A comparative study of the involvement of the prostaglandin H2/thromboxane A2 pathway in intravascular platelet aggregation in guinea–pigs and rats. Mallarkey G, et al. **Br J Pharmacol** 1985 Feb;84(2):425–30

Enzyme systems involved in the formation of reactive metabolites in the renal medulla: cooxidation via prostaglandin H synthase. Zenser TV, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):922-9

Enzymatic formation of prostaglandin F2 alpha from prostaglandin H2 and D2. Purification and properties of prostaglandin F synthetase from bovine lung. Watanabe K, et al. **J Biol Chem** 1985 Jun 10;260(11):7035-41

[Kinetics of prostaglandin H2 degradation. A method of determining prostaglandin H-convertase activity] Basevich VV, et al. **Bioorg Khim** 1983 May;9(5):658-65 (Eng. Abstr.) **(Rus)**

[Suppression of platelet aggregation as a result of two-component inhibition of a polyenzyme system of thromboxane synthesis] Varfolomeev SD, et al. **Dokl Akad Nauk SSSR** 1985 May-Jun;282(1):194-6 **(Rus)**

PHARMACODYNAMICS

Reversal of thromboxane A2/prostaglandin H2 and ADP-induced calcium release in intact platelets. Brace LD, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):H8-13

Thromboxane A2/prostaglandin H2 mobilizes calcium in human blood platelets. Brace LD, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):H1-7

Thromboxane receptor antagonist properties of SQ 27,427 in the anesthetized guinea pig. Greenberg R, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):19-24

Effects of SQ 27,427, a thromboxane A2 receptor antagonist, in the human platelet and isolated smooth muscle. Harris DN, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):9-18

PROSTAGLANDIN ENDOPEROXIDES, SYNTHETIC

Prostaglandin endoperoxide and thromboxane A2 analogs. Wilson NH, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 14:393-425 (62 ref.)

ANTAGONISTS & INHIBITORS

Effects of the prostaglandin H2/thromboxane A2 antagonist BM 13.177 on human platelets. Patscheke H, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:371-3

Effect of trimetoquinol analogs for antagonism of endoperoxide/thromboxane A2-mediated responses in human platelets and rat aorta. Mukhopadhyay A, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):1-9

BLOOD

[Kinetic mechanisms of enzyme activity of the thromboxane synthetase system. Thromboxane synthetase of human platelets] Basevich VV, et al. **Biokhimiia** 1984 Sep; 49(9):1538-45 (Eng. Abstr.) **(Rus)**

METABOLISM

A comparative study of the involvement of the prostaglandin H2/thromboxane A2 pathway in intravascular platelet aggregation in guinea-pigs and rats. Mallarkey G, et al. **Br J Pharmacol** 1985 Feb;84(2):425-30

Enzymatic formation of prostaglandin F2 alpha from prostaglandin H2 and D2. Purification and properties of prostaglandin F synthetase from bovine lung. Watanabe K, et al. **J Biol Chem** 1985 Jun 10;260(11):7035-41

[Kinetics of prostaglandin H2 degradation. A method of determining prostaglandin H-convertase activity] Basevich VV, et al. **Bioorg Khim** 1983 May;9(5):658-65 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Thromboxane A2/prostaglandin H2 mobilizes calcium in human blood platelets. Brace LD, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):H1-7

Reversal of thromboxane A2/prostaglandin H2 and ADP-induced calcium release in intact platelets. Brace LD, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):H8-13

Gastric vasoconstrictor actions of leukotriene C4, PGF2 alpha, and thromboxane mimetic U-46619 on rat submucosal microcirculation in vivo. Whittle BJ, et al. **Am J Physiol** 1985 May;248(5 Pt 1):G580-6

Influence of trapidil derivatives on arachidonic acid- and prostaglandin endoperoxide analogue- induced platelet aggregation and thromboxane A2 formation. Heinroth I, et al. **Biomed Biochim Acta** 1984;43(8-9):S389-92

Platelet prostanoids in interaction of platelets with collagen substrates. II. Effects of exogenous arachidonic acid, stable PG endoperoxides analogue, and aspirin. Mazurov AV, et al. **Biomed Biochim Acta** 1984;43(8-9):S373-6

Drug induced inhibition of the cardiac effects of U 46619 as a thromboxane A2-like agonist. Mentz P, et al. **Biomed Biochim Acta** 1984;43(8-9):S163-6

Prostaglandin endoperoxide analogues stimulate phospholipase C and protein phosphorylation during platelet shape change. Siess W, et al. **Blood** 1985 May; 65(5):1141-8

Pharmacological effects of (+/-)-11-deoxy, 16-phenoxy-prostaglandin E1 derivatives in the cardiovascular system. Banerjee AK, et al. **Br J Pharmacol** 1985 Jan;84(1):71-80

Thromboxane A2 analogue (U-46619) stimulates vascular PGI2 synthesis. Jeremy JY, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):259-62

Effects of prostaglandin E2, 16,16-dimethyl prostaglandin E2 and a prostaglandin endoperoxide analogue (U-46619) on gastric secretory volume, [H+] and mucus synthesis and secretion in the rat. Tao P, et al. **Prostaglandins** 1984 Sep;28(3):353-65

Central cardiovascular effects of the endoperoxide analogue U-46619 in rats. Sirén AL, et al. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):381-6

PROSTAGLANDIN F ANALOGS see **PROSTAGLANDINS F, SYNTHETIC**

PROSTAGLANDIN INHIBITORS see **PROSTAGLANDIN ANTAGONISTS**

PROSTAGLANDIN-13,14-REDUCTASE see under **OXIDOREDUCTASES**

PROSTAGLANDIN SYNTHASE

Determination of the structure of the carbohydrate chains of prostaglandin endoperoxide synthase from sheep. Mutsaers JH, et al. **Eur J Biochem** 1985 Mar 15; 147(3):569-74

ANALYSIS

Regulation of human platelet activation--analysis of cyclooxygenase and cyclic AMP-dependent pathways. Krishnamurthi S, et al. **Biochem Pharmacol** 1984 Oct 1; 33(19):3025-35

Prostaglandin D2 and prostaglandin D synthetase in mast cell deficient mice. Ikai K, et al. **Prostaglandins** 1984 Jun; 27(6):877-85

ANTAGONISTS & INHIBITORS

Influence of prostaglandin synthetase inhibitors on the renal effects of histamine. Selkurt EE, et al. **Agents Actions** 1984 Oct;15(3-4):254-9

The effect of a prostaglandin synthetase inhibitor on the hormonal profile and the endometrium in women. Landgren BM, et al. **Am J Obstet Gynecol** 1985 Feb 1; 151(3):361-8

Pulmonary transvascular fluid and protein exchange after thrombin-induced microembolism. Differential effects of cyclooxygenase inhibitors. Johnson A, et al. **Am Rev Respir Dis** 1985 Jul;132(1):70-6

Arachidonic acid metabolism and inhibition of cyclooxygenase in platelets from asthmatic subjects with aspirin intolerance. Bonne C, et al. **Ann Allergy** 1985 Feb; 54(2):158-60

The influence of cyclo-oxygenase inhibitors on the cardiovascular effects of hydralazine in rats. Vidrio H, et al. **Arch Int Pharmacodyn Ther** 1985 Jan;273(1):131-41

Differential effect of prostaglandin synthetase inhibitor pretreatment on pentylenetetrazol-induced seizures in rat. Wallenstein MC. **Arch Int Pharmacodyn Ther** 1985 May; 275(1):93-104

Time-dependent inhibition of the cyclooxygenase pathway by 12-hydroperoxy-5,8,10,14-eicosatetraenoic acid. Hashimoto Y, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):781-5

Spasmogenic activity of C5adesArg anaphylatoxin on guinea pig lung parenchymal strips: sensitivity of the leukotriene-mediated component to cyclooxygenase inhibitors. Stimler NP. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):852-8

The long duration, in vivo, inhibition of prostaglandin synthetase by 2-methyl-8-cis-12-trans-14-cis-eicosatrienoic acid. Fretland DJ, et al. **Biochem Pharmacol** 1985 Jun 15; 34(12):2103-7

Inhibition by free radical scavengers and by cyclooxygenase inhibitors of the effect of acidosis on calcium transport by masseter muscle sarcoplasmic reticulum. Okabe E, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):961-8

Influence of cyclooxygenase inhibitors and arachidonic acid on contractile activity of the human Fallopian tube. Lindblom B, et al. **Biol Reprod** 1985 Apr;32(3):475-9

Interactions of inhibitors of the lipoxygenase and cyclooxygenase pathways with a supplementary binding site on soybean lipoxygenase. Baumann I, et al. **Br J Pharmacol** 1984 Dec;83(4):959-64

Triggering by Paf-acether and adrenaline of cyclo-oxygenase-independent platelet aggregation. Fouque F, et al. **Br J Pharmacol** 1984 Nov;83(3):625-33

Differential effect of cyclo-oxygenase inhibition on antigen- and ionophore-induced release of slow reacting substance from fragmented guinea-pig lung. Krell RD, et al. **Br J Pharmacol** 1984 Aug;82(4):871-6

Prostaglandin synthetase inhibition of renal pelvic smooth muscle in the rabbit. Lundstam S, et al. **Br J Urol** 1985 Aug;57(4):390-3

Normalization of monocyte candidacidal deficiency by cyclooxygenase inhibitors in Hodgkin's disease. Estevez ME, et al. **Cancer** 1985 Jun 15;55(12):2774-8

Suppression of tumor promoter-induced chemiluminescence in mouse epidermal cells by several inhibitors of arachidonic acid metabolism. Fischer SM, et al. **Cancer Res** 1985 Jul;45(7):3130-6

The effect of cyclooxygenase inhibition on vasomotion of proximal coronary arteries with endothelial damage. Lane GE, et al. **Circulation** 1985 Aug;72(2):389-96

Cyclooxygenase inhibition, platelet function, and metabolite formation during chronic sulfinpyrazone dosing. Pedersen AK, et al. **Clin Pharmacol Ther** 1985 Jan;37(1):36-42

Tissue-selective inhibition of prostaglandin and thromboxane synthesis in man: investigative and therapeutic implications. Patrono C. **Clin Physiol** 1984 Dec;4(6):443-7 (27 ref.)

Effect of acetylsalicylic acid and of indomethacin on diuresis in man: the role of cyclo-oxygenase inhibition. Vierhapper H, et al. **Clin Sci** 1984 Dec;67(6):579-83

The effects of cyclooxygenase and lipoxygenase inhibitors on the collagen abnormalities of diabetic rats. Yue DK, et al. **Diabetes** 1985 Jan;34(1):74-8

Effect of hyperosmotic xylitol on gastric secretion in the rat: lack of influence of cyclooxygenase inhibitors. Assouline G, et al. **Eur J Pharmacol** 1984 Jul 13; 102(2):269-77

Beta-adrenoceptor and cyclo-oxygenase block as a tool for evoking the direct bronchoconstrictor effect of leukotriene C4 in the guinea-pig. Schiantarelli P, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):263-9

Differential effects of prostaglandin synthetase inhibitors on EEG in rat. Wallenstein MC. **Eur J Pharmacol** 1985 May 8;111(2):201-9

Effect of inhibitors of the lipoxygenase pathway on mouse myoblast fusion. Steiner S, et al. **Exp Cell Res** 1984 Nov; 155(1):289-93

Interaction of BW755C, a potent inhibitor of lipoxygenase and cyclo-oxygenase, with mitochondrial cytochrome oxidase. Kawai K, et al. **Experientia** 1985 Apr 15; 41(4):490-2

Vaginal contraceptive activity of hyaluronidase and cyclooxygenase (prostaglandin synthetase) inhibitors in the rabbit. Joyce CL, et al. **Fertil Steril** 1985 Sep;44(3):426-8

Flow-dependent, endothelium-mediated dilation of epicardial coronary arteries in conscious dogs: effects of cyclooxygenase inhibition. Holtz J, et al. **J Cardiovasc Pharmacol** 1984 Nov-Dec;6(6):1161-9

Effects of platelet-modifying drugs on arterial thromboembolism in baboons. Aspirin potentiates the antithrombotic actions of dipyridamole and sulfinpyrazone by mechanism(s) independent of platelet cyclooxygenase inhibition. Hanson SR, et al. **J Clin Invest** 1985 May; 75(5):1591-9

Effects of various inhibitors of arachidonic acid oxygenation on macrophage superoxide release and tumoricidal activity. Schultz RM, et al. **J Immunol** 1985 Sep;135(3):2040-4

Cyclooxygenase inhibitors affect Met-enkephalin- and acetylcholine-stimulated motility of the isolated rat colon. Scheurer U, et al. **J Pharmacol Exp Ther** 1985 Sep; 234(3):742-6

Central stimulation of breathing movements in fetal lambs by prostaglandin synthetase inhibitors. Koos BJ. **J Physiol (Lond)** 1985 May;362:455-66

The effect of cyclooxygenase inhibitors on the low filling rate cystometrogram in urethane anesthetized rats. Maggi CA, et al. **J Urol** 1985 Oct;134(4):800-3

Pharmacological properties of a new anti-inflammatory compound, alpha-(3,5-di-tert-butyl-4-hydroxybenzylidene)-gamma-ne (KME-4), and its inhibitory effects on prostaglandin synthetase and 5-lipoxygenase. Hidaka T, et al. **Jpn J Pharmacol** 1984 Sep;36(1):77-85

Effects of some non-steroidal anti-inflammatory drugs and other agents on cyclooxygenase and lipoxygenase activities in some enzyme preparations. Miyazawa K, et al. **Jpn J Pharmacol** 1985 Jun;38(2):199-205

Protective effects of the antianginal agent nicorandil on arachidonate-induced sudden death in rats: comparison with several antianginal agents and cyclooxygenase inhibitors. Sakai K, et al. **Jpn J Pharmacol** 1985 Jan; 37(1):124-8

Cyclo-oxygenase and lipo-oxygenase inhibitors may substitute for steroid treatment in brain oedema [letter] Ambrus JL, et al. **Lancet** 1985 Jul 20;2(8447):148-9

Prostaglandins and parturition [letter] Jenkins DM. **Lancet** 1985 Jul 20;2(8447):163

A role for amniotic epithelium in control of human parturition. Mortimer G, et al. **Lancet** 1985 May 11; 1(8437):1074-5

Plasma volume and protein content in progressive exercise: influence of cyclooxygenase inhibitors. Pivarnik J, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):153-7

Inactivation of prostaglandin H synthase and prostacyclin synthase by phenylbutazone. Requirement for peroxidative metabolism. Reed GA, et al. **Mol Pharmacol** 1985 Jan; 27(1):109-14

Implications of hepatic and extrahepatic metabolism of aspirin in selective inhibition of platelet cyclooxygenase [letter] Roberts MS, et al. **N Engl J Med** 1985 May 23; 312(21):1388-9

Selective inhibition by fenflumizole tissue cyclooxygenase in rabbits ex vivo. Basista M, et al. **Pol J Pharmacol Pharm** 1985 Jan-Feb;37(1):41-6

Salicylic acid blocks indomethacin-induced cyclooxygenase inhibition and lesion formation in rat gastric mucosa. Ligumsky M, et al. **Proc Soc Exp Biol Med** 1985 Feb 178(2):250-3

Inhibitors of lipoxygenase products improve survival in traumatic shock. Hock CE, et al. **Prostaglandins** 1984 Oct; 28(4):557-71

Influence of cyclooxygenase blockade on responses to isoproterenol, bradykinin and nitroglycerin in the feline pulmonary vascular bed. Lippton HL, et al. **Prostaglandins** 1984 Aug;28(2):253-70

Inhibitory effects of tannic acid and benzophenone on soybean lipoxygenase and ram seminal vesicle cyclooxygenase. Goswami SK, et al. **Prostaglandins Leukotrienes Med** 1985 Feb;17(2):223-8

Comparative pharmacology of cyclooxygenase inhibitors on platelet function. Rao GH, et al. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):119-31

Differential inhibition of platelet thromboxane and lung prostacyclin production by sulphinpyrazone, acetylsalicylic acid and indomethacin by human tissues in vitro. Toivanen J, et al. **Thromb Res** 1985 Feb 15;37(4):493-502

[Demonstration of specific platelet function anomaly in asthma induced by aspirin: diagnostic consequences] Ameisen JC, et al. **C R Acad Sci [III]** 1985;300(4):137-42 (Eng. Abstr.) **(Fre)**

[Lipophilic naphthols and 1,4-naphthoquinones as inhibitors of prostaglandin synthesis. 6. Study of 1,4-naphthoquinones] Wurm G, et al. **Arzneimittelforsch** 1984;34(6):652-8 (Eng. Abstr.) **(Ger)**

[The effects of prostaglandin synthetase inhibitor on male infertility] Fuse H, et al. **Hinyokika Kiyo** 1984 Oct; 30(10):1439-45 (Eng. Abstr.) **(Jpn)**

[Effect of the structure of the prosthetic group on the catalytic properties of prostaglandin H synthetase] Mevkh AT, et al. **Bioorg Khim** 1985 Jun;11(6):797-801 (Eng. Abstr.) **(Rus)**

[Suppression of platelet aggregation as a result of two-component inhibition of a polyenzyme system of thromboxane synthesis] Varfolomeev SD, et al. **Dokl Akad Nauk SSSR** 1985 May-Jun;282(1):194-6 **(Rus)**

[Nature of the interaction of voltaren and other pyrazolone and aniline derivatives with prostaglandin endoperoxide synthetase] Muratov VK, et al. **Farmakol Toksikol** 1984 Sep-Oct;47(5):41-4 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Regulation of arachidonic acid metabolism in Madin-Darby canine kidney cells: stimulation of synthesis of the cyclooxygenase system by 12-O-tetradecanoyl-phorbol-13-acetate. Beaudry GA, et al. **Arch Biochem Biophys** 1985 May 15;239(1):242-7

Human platelet-derived growth factor stimulates prostaglandin synthesis by activation and by rapid de novo synthesis of cyclooxygenase. Habenicht AJ, et al. **J Clin Invest** 1985 Apr;75(4):1381-7

BLOOD

The inhibition of platelet cyclo-oxygenase by aspirin is associated with the acetylation of a 72kDa polypeptide in the intracellular membranes. Hack N, et al. **Biochem J** 1984 Oct 1;223(1):105-11

Metabolism of 4,7,10,13,16-docosapentaenoic acid by human platelet cyclooxygenase and lipoxygenase. Milks MM, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):29-35

Measurement of arachidonic acid liberation in thrombin-stimulated human platelets. Use of agents that inhibit both the cyclooxygenase and lipoxygenase enzymes. Smith JB, et al. **Biochim Biophys Acta** 1985 Jul 9; 835(2):344-51

Relationship between platelet cyclooxygenase pathway and plasma malondialdehyde-like material. Violi F, et al. **Lipids** 1985 May;20(5):322-4

Dose-related kinetics of aspirin. Presystemic acetylation of platelet cyclooxygenase. Pedersen AK, et al. **N Engl J Med** 1984 Nov 8;311(19):1206-11

Arachidonic acid-induced human platelet aggregation independent of cyclooxygenase and lipoxygenase. Maclouf J, et al. **Prostaglandins** 1984 Sep;28(3):383-98

Automated extraction and HPLC resolution of lipoxygenase and cyclooxygenase products utilizing high pressure column switching. Pickett WC, et al. **Prostaglandins** 1985 Jan;29(1):83-90

The effect of aspirin on the metabolism of exogenous arachidonic acid in human polymorphonuclear leukocytes. Punnonen K, et al. **Prostaglandins Leukotrienes Med** 1984 Aug;15(2):177-85

[Kinetic mechanisms of enzyme activity of the thromboxane synthetase system. Thromboxane synthetase of human platelets] Basevich VV, et al. **Biokhimiia** 1984 Sep; 49(9):1538-45 (Eng. Abstr.) **(Rus)**

DEFICIENCY

[A case of platelet cyclo-oxygenase deficiency] Fuse I, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Aug;47(5):1162-70 (Eng. Abstr.) **(Jpn)**

ISOLATION & PURIFICATION

[Isolation and characteristics of immobilized preparations of prostaglandin synthetase] Mevkh AT, et al. **Biokhimiia** 1985 Jun;50(6):974-9 (Eng. Abstr.) **(Rus)**

METABOLISM

Identification of an unusual cyclooxygenase metabolite of arachidonic acid in rabbit renal medulla. Morrison AR, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):413-7

Detection of a novel cyclooxygenase metabolite produced by human promyelocytic leukemia (HL-60) cells. Agins AP, et al. **Biochem Biophys Res Commun** 1985 Jan 16; 126(1):143-9

Prostaglandin H synthase: an example of enzymic symbiosis. Kulmacz RJ, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):918-23

Possible involvement of cyclooxygenase products in the actions of platelet-activating factor and of lipoxygenase products in the vascular effects of epinephrine in perfused rat liver. Mendlovic F, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):507-14

Cooxidation of 13-cis-retinoic acid by prostaglandin H synthase. Samokyszyn VM, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):430-6

Kinetic analyses of the effects of hyperoxia and hypoxia on vascular cyclooxygenase activity in vitro. Yamaja Setty BN, et al. **Biochem Biophys Res Commun** 1984 Nov 30; 125(1):170-6

N-Oxidation of 4-chloroaniline by prostaglandin synthase. Redox cycling of radical intermediate(s). Golly I, et al. **Biochem J** 1985 Mar 15;226(3):803-9

Endogenous stimulant of prostaglandin endoperoxide synthase activity in human amniotic fluid. Mitchell MD, et al. **Biochim Biophys Acta** 1985 Mar 6;833(3):379-85

A unique cardiac cytosolic acyltransferase with preferential selectivity for fatty acids that form cyclooxygenase/lipoxygenase metabolites and reverse essential fatty acid deficiency. Needleman P, et al. **Biochim Biophys Acta** 1985 Sep 11;836(2):267-73

Formation of 11-hydroxyeicosatetraenoic acid and 15-hydroxyeicosatetraenoic acid in human umbilical arteries is catalyzed by cyclooxygenase. Setty BN, et al. **Biochim Biophys Acta** 1985 Mar 6;833(3):484-94

Formation of lipoxygenase and cyclooxygenase metabolites of arachidonic acid by brain tissue. Dembińska-Kieć A, et al. **Biomed Biochim Acta** 1984;43(8-9):S222-6

Effects of the C5a anaphylatoxin and its relationship to cyclo-oxygenase metabolites in rabbit vascular strips. Hugli TE, et al. **Br J Pharmacol** 1985 Mar;84(3):725-33

Prostaglandin endoperoxide synthetase and the activation of benzo(a)pyrene to reactive metabolites in vivo in guinea pigs. Garattini E, et al. **Cancer Res** 1984 Nov;44(11):5150-5

Formation of thioether conjugates of the bladder carcinogen ANFT catalyzed by prostaglandin H synthase. Rice JR, et al. **Carcinogenesis** 1985 Apr;6(4):585-90

Prostaglandin H synthase oxidation of benzidine and o-dianisidine: reduction and conjugation of activated amines by thiols. Wise RW, et al. **Carcinogenesis** 1985 Apr; 6(4):579-83

Arachidonic acid metabolism in murine leishmaniasis (Donovani): ex-vivo evidence for increased cyclooxygenase and 5-lipoxygenase activity in spleen cells. Reiner NE, et al. **Cell Immunol** 1984 Oct 15;88(2):501-10

Renal cyclo-oxygenase and lipoxygenase products in health and disease. Dunn MJ, et al. **Clin Physiol Biochem** 1984; 2(2-3):91-100 (22 ref.)

Pathophysiologic modulation of arachidonate metabolism. Warso MA, et al. **Clin Physiol Biochem** 1984;2(2-3):70-7

Immunohistochemical localisation of prostaglandin endoperoxide synthase and prostacyclin synthase in pregnant human myometrium. Moonen P, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Mar;19(3):151-8

Enzyme systems involved in the formation of reactive metabolites in the renal medulla: cooxidation via prostaglandin H synthase. Zenser TV, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):922-9

The cyclo-oxygenase pathway in the avascular heart of the frog, Rana esculenta L. Ghiara P, et al. **Gen Pharmacol** 1984;15(4):309-13

Arachidonic acid derivatives as mediators of asthma. Lewis RA, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 2):259-64

Evidence for a one-electron mechanism of 2-aminofluorene oxidation by prostaglandin H synthase and horseradish peroxidase. Boyd JA, et al. **J Biol Chem** 1984 Nov 25; 259(22):13885-96

The formation of aminopyrine cation radical by the peroxidase activity of prostaglandin H synthase and subsequent reactions of the radical. Eling TE, et al. **J Biol Chem** 1985 Feb 10;260(3):1601-7

A novel cyclooxygenase metabolite of arachidonic acid. Morrison AR, et al. **J Biol Chem** 1984 Nov 10; 259(21):13579-83

Maintenance therapy for duodenal ulcer--a trial comparing cimetidine with a prostaglandin synthetase promoter. Dew MJ, et al. **J Clin Hosp Pharm** 1984 Dec;9(4):357-9

A fish oil diet rich in eicosapentaenoic acid reduces cyclooxygenase metabolites, and suppresses lupus in MRL-lpr mice. Kelley VE, et al. **J Immunol** 1985 Mar; 134(3):1914-9

Arachidonic acid metabolism by murine peritoneal macrophages infected with Leishmania donovani: in vitro evidence for parasite-induced alterations in cyclooxygenase and lipoxygenase pathways. Reiner NE, et al. **J Immunol** 1985 Jan;134(1):556-63

An ex vivo method for evaluating prostaglandin synthetase activity in cortical slices of mouse brain. Shohami E, et al. **J Neurochem** 1985 Jul;45(1):132-6

Specificity and structural relationships of steroids which affect phospholipase/prostaglandin synthetase, in vivo: a possible relation to blood pressure. Fretland DJ, et al. **J Steroid Biochem** 1985 Mar;22(3):305-10

Response of Walker 256 carcinosarcoma cells to 12-O-tetradecanoylphorbol 13-acetate: possible regulation by endogenous cyclooxygenase metabolites. Varani J, et al. **JNCI** 1985 Jan;74(1):165-72

Role of arachidonate lipoxygenase and cyclooxygenase products in insulin and glucagon secretion from rat pancreatic islets. Morgan RO, et al. **Metabolism** 1984 Oct; 33(10):928-35

Mechanism of the stimulation of prostaglandin H synthase and prostacyclin synthase by the antithrombotic and antimetastatic agent, nafazatrom. Marnett LJ, et al. **Mol Pharmacol** 1984 Sep;26(2):328-35

The prostaglandin H synthase-dependent activation of 2-aminofluorene to products mutagenic to S. typhimurium strains TA98 and TA98NR. Boyd JA, et al. **Mutat Res** 1985 Jul;143(3):187-90

Antiaggregatory effects of flavonoids in vivo and their influence on lipoxygenase and cyclooxygenase in vitro. Swies J, et al. **Pol J Pharmacol Pharm** 1984 Sep-Oct; 36(5):455-63

Cyclooxygenase and lipoxygenase modulators in lung reactivity. U.S.-Italy symposium, Milan, April 5-6, 1984. **Prog Biochem Pharmacol** 1985;20:1-146

Radiation-induced alterations in cyclooxygenase product synthesis by isolated perfused rat lungs. Heinz TR, et al. **Prog Biochem Pharmacol** 1985;20:74-83

Control of prostacyclin synthesis in pregnancy-induced hypertension. Keirse MJ, et al. **Prostaglandins** 1985 Apr; 29(4):643-50

Quantitative similarities in the several actions of cyanide on prostaglandin H synthase. Kulmacz RJ, et al. **Prostaglandins** 1985 Feb;29(2):175-90

Leukotriene F4 and the release of arachidonic acid metabolites from perfused guinea pig lungs in vitro. Lord A, et al. **Prostaglandins** 1985 Apr;29(4):651-60

Increase in concentrations of prostaglandin endoperoxide synthase and prostacyclin synthase in human myometrium in late pregnancy. Moonen P, et al. **Prostaglandins** 1984 Sep;28(3):309-21

Cyclooxygenase and lipoxygenase pathways in the preimplantation rabbit uterus and blastocyst. Pakrasi PL, et al. **Prostaglandins** 1985 Mar;29(3):481-95

Evidence for an inverse relationship between cyclooxygenase and lipoxygenase pathways in the pregnant rabbit endometrium. Pakrasi PL, et al. **Prostaglandins Leukotrienes Med** 1985 Jun;18(3):347-52

Effects of riboflavin deficiency upon prostaglandin biosynthesis in rat kidney. Pelliccione NJ, et al. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):349-58

[The nature of functional groups regulating the catalytic activity of prostaglandin endoperoxide synthetase] Golub NB, et al. **Bioorg Khim** 1984 Feb;10(2):268-70 (Eng. Abstr.) **(Rus)**

[Effect of the modification of carboxylic groups in protohemin IX on the properties of endoperoxide prostaglandin synthetase] Mevkh AT, et al. **Bioorg Khim** 1983 Aug;9(8):1056-62 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Formation of unique arylamine:DNA adducts from 2-aminofluorene activated by prostaglandin H synthase. Krauss RS, et al. **Cancer Res** 1985 Apr;45(4):1680-6

Metabolic activation of the carcinogen N-[4-(5-nitro-2-furyl)-2-thiazolyl]acetamide by prostaglandin H synthase. Zenser TV, et al. **Carcinogenesis** 1984 Oct;5(10):1225-30

PHYSIOLOGY

Endothelium-dependent contractions to arachidonic acid are mediated by products of cyclooxygenase. Miller VM, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):H432-7

Prostaglandin H synthase-dependent epoxidation of aflatoxin B1. Battista JR, et al. **Carcinogenesis** 1985 Aug;6(8):1227-9

DNA adducts formed by ring-oxidation of the carcinogen 2-naphthylamine with prostaglandin H synthase in vitro and in the dog urothelium in vivo. Yamazoe Y, et al. **Carcinogenesis** 1985 Sep;6(9):1379-87

Arachidonate cyclooxygenase metabolites as mediators of complement-initiated lung injury. Gee MH, et al. **Fed Proc** 1985 Jan;44(1 Pt 1):46-52 (17 ref.)

Modification of basal and GRF-stimulated cyclic AMP levels and growth hormone release by phospholipid metabolic enzyme inhibitors. Cronin MJ, et al. **Neuroendocrinology** 1985 Apr;40(4):332-8

PROSTAGLANDIN SYNTHETASE see **PROSTAGLANDIN SYNTHASE**

PROSTAGLANDINS

Chemistry of the prostaglandins and leukotrienes. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 14:1-444

Chemistry and structure of cyclooxygenase-derived eicosanoids: a historical perspective. Andersen NH, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 14:1-43 (173 ref.)

Red pigment-forming substances from autoxidized linolenate:

identification of prostaglandin-like substances. Nakamura T. **Lipids** 1985 Mar;20(3):180-6

[Use of prostaglandins in the interruption of pregnancy] Havránek F. **Cesk Gynekol** 1984 Jul;49(6):439-48 **(Cze)**

[Prostaglandins and the physician] Vapaatalo H. **Duodecim** 1984;100(16):969-70 **(Fin)**

[Prostaglandins and related substances: their chemical structures, nomenclature and chemical characteristics] Ueda N, et al. **Nippon Rinsho** 1985 Mar;43(3):455-63 (25 ref.) **(Jpn)**

ADMINISTRATION & DOSAGE

[Pressor and depressor responses to intracerebroventricularly administered prostaglandins and arachidonic acid in anaesthetized rabbits] Ohkubo K, et al. **Nippon Yakurigaku Zasshi** 1984 Oct;84(4):327-35 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Ethanol's behavioral effects may be partly due to increases in brain prostaglandin production. George FR, et al. **Alcoholism (NY)** 1985 Mar-Apr;9(2):143-6

Analysis of leukotrienes, prostaglandins, and other oxygenated metabolites of arachidonic acid by high-performance liquid chromatography. Henke DC, et al. **Anal Biochem** 1984 Jul;140(1):87-94

Reversed-phase high-pressure liquid chromatography of arachidonic acid metabolites formed by cyclooxygenase and lipoxygenases. Powell WS. **Anal Biochem** 1985 Jul; 148(1):59-69

Prostaglandin levels in human vitreous. Thomas MA, et al. **Br J Ophthalmol** 1985 Apr;69(4):275-9

A bioassay technique for prostaglandin-like activity in equine inflammatory exudate. Higgins AJ, et al. **Br Vet J** 1984 Nov-Dec;140(6):609-15

The effect of naproxen on the concentration of prostaglandins in human seminal fluid. Bendvold E, et al. **Fertil Steril** 1985 Jun;43(6):922-6

Prostanoids in rabbit aqueous humor: effect of laser photocoagulation of the iris. Weinreb RN, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1087-92

Silver-modified mobile phase for normal-phase liquid chromatographic determination of prostaglandins and their 5,6-trans isomers in prostaglandin bulk drugs and triacetin solutions. Kissinger LD, et al. **J Chromatogr** 1985 Mar 15; 321(2):353-62

Determination of leukotrienes and prostaglandins in [14C] arachidonic acid labelled human lung tissue by high-performance liquid chromatography and radioimmunoassay. Zijlstra FJ, et al. **J Chromatogr** 1984 Nov 9;311(1):39-50

Development of enzyme-linked immunosorbent assays for measurement of leukotrienes and prostaglandins. Miller DK, et al. **J Immunol Methods** 1985 Aug 2;81(2):169-85

Measurement of eight prostaglandins in human gingival and periodontal disease using high pressure liquid chromatography and radioimmunoassay. Ohm K, et al. **J Periodont Res** 1984 Sep;19(5):501-11

One-dimensional thin-layer chromatographic separation of the lipids involved in arachidonic acid metabolism. Irvine RF, et al. **J Pharmacol Methods** 1984 Oct;12(3):171-82

Partially hydrogenated fats in the diets of nursing mothers: effect on contents of trans fatty acids and prostaglandins in milk. **Nutr Rev** 1984 Sep;42(9):311-3

Sow (Sus scrofa) follicular fluid: prostaglandin content and effect on the motility of isolated oviducts. Gimeno MF, et al. **Prostaglandins** 1985 May;29(5):831-46

[Investigation of endogenous prostaglandins in DMH induced colonic cancer in rats] Tanaka M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Apr;82(4):592-8 (Eng. Abstr.) **(Jpn)**

[Prostaglandin and cyclic nucleotide content of the ventricular myocardium in noradrenaline damage to the heart] Serov RA, et al. **Kardiologiia** 1985 Feb;25(2):86-90 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Synthesis of prostaglandins by vascular endothelial cells. Russo-Marie F. **Adv Nephrol** 1985;14:233-40 (25 ref.)

Cardiac prostaglandin synthesis in spontaneous and in effort angina. Neri Serneri GG, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:59-70

Drugs affecting the prostaglandin synthetic pathway and rat heart allograft survival. Shaw JF, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:219-20

Arachidonic acid release and prostaglandin synthesis in a macrophage-like cell line exposed to asbestos. Brown RC, et al. **Agents Actions** 1984 Oct;15(3-4):336-40

Spontaneous and cold pressor test-induced prostaglandin biosynthesis by human heart. Neri Serneri GG, et al. **Am Heart J** 1985 Jul;110(1 Pt 1):50-5

Effect of different linoleic acid intakes on prostaglandin biosynthesis and kidney function in man. Adam O, et al. **Am J Clin Nutr** 1984 Oct;40(4):763-70

Effects of nonsteroidal anti-inflammatory drugs on prostaglandins and renal function. Carmichael J, et al. **Am J Med** 1985 Jun;78(6 Pt 1):992-1000 (146 ref.)

The effects of alpha- and beta-adrenergic stimulation on contractility and prostaglandin (prostaglandins E2 and F2 alpha and 6-keto-prostaglandin F1 alpha) production of pregnant human myometrial strips. Quaas L, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):852-6

Changes in the synthesis and metabolism of prostaglandins by human fetal membranes and decidua at labor. Skinner KA, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):519-23

Vasoconstrictor-evoked prostaglandin synthesis in cultured human mesangial cells. Ardaillou N, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):F240-6

Reduced transcoronary exchange and prostaglandin synthesis in diabetic rat heart. Rösen P, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):H563-9

Glomerular prostaglandin formation in two-kidney, one-clip hypertensive rats. Stahl RA, et al. **Am J Physiol** 1984 Dec; 247(6 Pt 2):F975-81

Cyclosporine and prostaglandins [letter] Adu D, et al. **Ann Intern Med** 1985 Aug;103(2):303

Phospholipase activities of the P388D1 macrophage-like cell line. Ross MI, et al. **Arch Biochem Biophys** 1985 Apr; 238(1):247-58

Angiotensin II induced release of prostaglandins from rat uterus. Campos GA, et al. **Arch Biol Med Exp (Santiago)** 1983 Aug;16(1):43-9

Effects of pyridine and some of its derivatives on prostaglandin synthesis. Sahin I, et al. **Arch Int Pharmacodyn Ther** 1984 Aug;270(2):324-9

Muscle prostaglandin production in the rat. Effect of abdominal sepsis and different amino acid formulations. Freund HR, et al. **Arch Surg** 1985 Sep;120(9):1037-9

Mechanisms of the nephrotoxicity of non-steroidal anti-inflammatory drugs. Dunn MJ, et al. **Arch Toxicol [Suppl]** 1984;7:328-37

The action of flupirtine on prostaglandin formation and platelet aggregation in vitro. Darius H, et al. **Arzneimittelforsch** 1985;35(1):55-9

Dietary modification of platelet and renal prostaglandins. Croft KD, et al. **Aust NZ J Med** 1984 Aug;14(4):448-52 (26 ref.)

Effect of epidermal growth factor on synthesis of prostaglandins and cyclic AMP by embryonic palate mesenchymal cells. Greene RM, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1037-43

The stimulation of prostaglandin production by transforming growth factor-alpha and 12-O-tetradecanoyl-phorbol-13-acetate or 1-oleoyl-2-acetyl-glycerol is synergistic. Levine L, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):110-7

Melittin-stimulated arachidonic acid metabolism by cultured malignant human epidermal keratinocytes. Rice RH, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):303-7

Effects of calcium antagonists and calmodulin inhibitors on angiotensin II-induced prostaglandin productions in the isolated dog renal arteries. Satoh H, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):464-70

Human breast milk stimulates prostaglandin synthesis in cultured human skin fibroblasts. Subbiah MT, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):972-6

Developmental changes in the activities of prostaglandin synthesizing enzymes in the digestive and immune systems of rat. Park SW, et al. **Biochem Int** 1985 Jun;10(6):873-9

Inhibition of prostaglandin biosynthesis by the mast-cell-degranulating agent compound 48/80 but not by the mast-cell-degranulating peptide (peptide-401) from bee venom. Dempsey CE, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2391-4

Lipid peroxidation modifies the effect of phenolic anti-inflammatory drugs on prostaglandin biosynthesis. Hirafuji M, et al. **Biochem Pharmacol** 1985 Apr 1; 34(7):933-6

Aspirin inhibition of 1 alpha-hydroxyvitamin D3 or parathyroid hormone induced hypercalcemia in vivo in rats. A mechanism independent of prostaglandin biosynthesis inhibition. Kawashima H, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):1901-6

Carbon tetrachloride-induced eicosanoid synthesis and enzyme release from rat peritoneal leucocytes. Lynch TJ, et al. **Biochem Pharmacol** 1985 May 1;34(9):1515-22

Precursor- and pool-dependent differential effects of ethanol on human platelet prostanoid synthesis. Segarnick DJ, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1343-6

Comparison of the prostanoid synthesizing capacity in homogenates from primary neuronal and astroglial cell cultures. Seregi A, et al. **Biochem Pharmacol** 1984 Oct 15; 33(20):3315-8

Effects of (1,6-di(O-carbamoyl)cyclohexanone oxime)hexane (RHC 80267) on prostaglandin biosynthesis and accumulation of diacylglycerol and arachidonic acid in rabbit iris. Yousufzai SY, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):539-44

Effect of K+ depolarization on the synthesis of prostaglandins and hydroxyeicosatetra(5,8,11,14)enoic acids (HETE) in the rat retina. Evidence for esterification of 12-HETE in lipids. Birkle DL, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):564-73

Onset of changes in phospholipid fatty acid composition and prostaglandin synthesis following dietary manipulation with n-6 and n-3 fatty acids in the rat. Croft KD, et al. **Biochim Biophys Acta** 1985 May 17;834(3):316-23

Dietary modification of fatty acid and prostaglandin synthesis in the rat. Effect of variations in the level of dietary fat. Croft KD, et al. **Biochim Biophys Acta** 1984 Sep 12; 795(2):196-207

Prostanoid synthesis in peripheral nerve. Goswami SK, et al. **Biochim Biophys Acta** 1985 Apr 25;834(2):263-6

Metabolism of eicosapentaenoic acid by aorta: formation of a novel 13-hydroxylated prostaglandin. Powell WS, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):201-11

Growth characteristics of human first trimester decidual cells cultured in serum-free medium: production of prolactin, prostaglandins and fibronectin. Hochner-Celnikier D, et al. **Biol Reprod** 1984 Nov;31(4):827-36

Formation of lipoxygenase and cyclooxygenase metabolites of arachidonic acid by brain tissue. Dembińska-Kieć A, et al. **Biomed Biochim Acta** 1984;43(8-9):S222-6

Effects of essential fatty acids on prostaglandin biosynthesis. Horrobin DF, et al. **Biomed Biochim Acta** 1984; 43(8-9):S114-20

Significance of myocardial prostaglandin biosynthesis and the influence of mechanical loading, endogenous mediators and cardiovascular drugs. Mentz P, et al. **Biomed Biochim Acta** 1984;43(8-9):S147-50

Inhibition by pesticides of prostaglandin formation in blood platelets. Krug HF, et al. **Blut** 1985 Jul;51(1):19-23

Prostaglandin synthesis in dental cysts. Matejka M, et al. **Br J Oral Maxillofac Surg** 1985 Jun;23(3):190-4

Formation of prostanoids during intravascular complement activation in the rabbit. Bult H, et al. **Br J Pharmacol** 1985 Feb;84(2):329-36

Prostaglandin formation by isolated gastric parietal and nonparietal cells of the rat. Postius S, et al. **Br J Pharmacol** 1985 Apr;84(4):871-7

Prostanoid synthesis by aortic rings in human blood: selective increase of prostacyclin mediated by a serum factor. Ritter JM. **Br J Pharmacol** 1984 Oct;83(2):409-18

Inhibition of prostaglandin synthesis by ovine allantoic fluid: acute reduction in inhibitory activity during late gestation. Leach Harper CM, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1152-7

Norepinephrine-stimulated vascular prostacyclin synthesis. Receptor-dependent calcium channels control prostaglandin synthesis. Stewart D, et al. **Can J Physiol Pharmacol** 1984 Nov;62(11):1341-7

Biosynthesis of prostaglandins and hydroxy fatty acids in primary squamous carcinomas of head and neck in humans. el Attar TM, et al. **Cancer Lett** 1985 Jul;27(3):255-9

Prostaglandin and thromboxane synthesis by Lewis lung carcinoma during growth. Chiabrando C, et al. **Cancer Res** 1985 Aug;45(8):3605-8

Appearance of superoxide anion radical in cerebral extracellular space during increased prostaglandin synthesis in cats. Kontos HA, et al. **Circ Res** 1985 Jul;57(1):142-51

African trypanosomiasis alters prostaglandin production by murine peritoneal macrophages. Fierer J, et al. **Clin Exp Immunol** 1984 Dec;58(3):548-56

Increased renal prostanoid synthesis after unclipping the one-kidney, one-clip hypertensive rat: effect of renal denervation. McGowan H, et al. **Clin Exp Pharmacol Physiol** 1985 May-Jun;12(3):253-6

Prostaglandin synthesis inhibition in persistent pulmonary hypertension of the newborn. Turner GR, et al. **Clin Perinatol** 1984 Oct;11(3):581-9

Prostaglandins and nicotinate-provoked increase in cutaneous blood flow. Wilkin JK, et al. **Clin Pharmacol Ther** 1985 Sep;38(3):273-7

Renal cyclo-oxygenase and lipoxygenase products in health and disease. Dunn MJ, et al. **Clin Physiol Biochem** 1984; 2(2-3):91-100 (22 ref.)

Suprofen: the pharmacology and clinical efficacy of a new non-narcotic peripheral analgesic. Tolman EL, et al. **Clin Rheum Dis** 1984 Aug;10(2):353-68 (51 ref.)

Prostaglandin synthesis by glomeruli isolated from normal and chronically rejected human kidneys. Friedlander G, et al. **Contrib Nephrol** 1984;41:20-2

Inflammation-induced stimulation of the synthesis of prostaglandins and lipoxygenase-reaction products in rabbit cornea. Bazan HE, et al. **Curr Eye Res** 1985 Mar; 4(3):175-9

Modulation of bovine placental prostaglandin synthesis by an endogenous inhibitor. Shemesh M, et al. **Endocrinology** 1984 Oct;115(4):1401-5

Active and acid-activable inactive renin during inhibition by indomethacin of prostaglandin synthesis in sodium-replete man. Lijnen P, et al. **Eur J Clin Invest** 1985 Jun;15(3):141-5

Stimulation of peritoneal synthesis of vasoactive prostaglandins during peritonitis in patients on continuous ambulatory peritoneal dialysis. Steinhauer HB, et al. **Eur J Clin Invest** 1985 Feb;15(1):1-5

Arachidonic acid-induced platelet aggregation and prostanoid formation in whole blood in relation to plasma concentration of indomethacin. Vinge E. **Eur J Clin Pharmacol** 1985;28(2):163-9

Effect of forskolin on prostaglandin synthesis by mouse resident peritoneal macrophages. Chang J, et al. **Eur J Pharmacol** 1984 Aug 17;103(3-4):303-12

Effect of nufenoxole on human colonic prostanoid synthesis, Na-K-ATPase and adenylate cyclase activities. Rachmilewitz D, et al. **Eur J Pharmacol** 1984 Oct 30; 106(1):153-8

Effect of glucocorticoid administration early in life on aortic prostaglandin synthesis and morphology in atherosclerosis-susceptible pigeons. Deitemeyer D, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):147-54

Recombinant gamma-interferon inhibits

prostaglandin-mediated and parathyroid hormone-induced bone resorption in cultured neonatal mouse calvaria. Peterlik M, et al. **FEBS Lett** 1985 Jun 17;185(2):287-90

Duodenal mucosa synthesis of prostaglandins in duodenal ulcer disease. Hillier K, et al. **Gut** 1985 Mar;26(3):237-40

Ascorbate-dependent lipid peroxidation in the human placenta and fetal membranes. Ohel G, et al. **Gynecol Obstet Invest** 1985;19(2):73-7

Prostaglandin synthesis inhibition reverses the gastric antisecretory activity of somatostatin in anaesthetized rats. Aliño SF, et al. **Horm Metab Res** 1985 Mar;17(3):123-6

Prostaglandin synthesis inhibition reduces platelet aggregation in diabetes mellitus. Jones DB, et al. **Horm Metab Res** 1985 Jan;17(1):42-3

Interaction of vasopressin and prostaglandins through calcium ion in the renal circulation. Seino M, et al. **Hypertension** 1985 Jan-Feb;7(1):53-8

H-2 influences phenytoin binding and inhibition of prostaglandin synthesis. Gupta C, et al. **Immunogenetics** 1984;20(6):667-76

Rabbit lymphocyte factors modulate prostaglandin biosynthesis in alveolar macrophages. Hsueh W, et al. **Immunology** 1985 Jan;54(1):155-61

Effect of drugs influencing synthesis of prostaglandins on haloperidol-induced catalepsy in rats. Bala Lall S, et al. **Indian J Physiol Pharmacol** 1984 Jul-Sep;28(3):219-22

Prostaglandin and hydroxyeicosatetraenoic acid synthesis by human mesenchymal tumors. Knazek RA, et al. **Int J Cancer** 1985 Aug 15;36(2):143-52

Opposite effects of a glucocorticoid and an immunostimulating agent on prostaglandin production by two different cell types. Durant S, et al. **Int J Tissue React** 1985;7(2):117-22

Anti-inflammatory activity of S-adenosyl-L-methionine in animal models: possible interference with the eicosanoid system. Gualano M, et al. **Int J Tissue React** 1985;7(1):41-6

The role of immunomodulators in the production of lipid mediators by macrophages (M phi). Roubin R, et al. **Int J Tissue React** 1984;6(5):373-8

Despite a massive increase in cortisol secretion in women during parturition, there is an equally massive increase in prostaglandin synthesis. A paradox? Casey ML, et al. **J Clin Invest** 1985 Jun;75(6):1852-7

Effects of endogenously produced leukotrienes, thromboxane, and prostaglandins on coronary vascular resistance in rabbit myocardial infarction. Evers AS, et al. **J Clin Invest** 1985 Mar;75(3):992-9

Human platelet-derived growth factor stimulates prostaglandin synthesis by activation and by rapid de novo synthesis of cyclooxygenase. Habenicht AJ, et al. **J Clin Invest** 1985 Apr;75(4):1381-7

Increased prostaglandin production by glomeruli isolated from rats with streptozotocin-induced diabetes mellitus. Schambelan M, et al. **J Clin Invest** 1985 Feb;75(2):404-12 (78 ref.)

Studies on the control of prostaglandin production by the hypothalamus in relation to LH release in the rat. Brown CG, et al. **J Endocrinol** 1984 Nov;103(2):155-64

Dissociation of effects of dietary fatty acids on blood pressure and prostanoid metabolism in Goldblatt hypertensive rats. Codde JP, et al. **J Hypertens** 1984 Feb;2(1):65-71

Effects of prostaglandin synthesis inhibition on blood pressure and humoral factors in exercising, sodium-deplete normal man. Staessen J, et al. **J Hypertens** 1983 Aug;1(2):123-30

Exaggerated human vascular cell prostaglandin biosynthesis mediated by monocytes: role of monokines and interleukin 1. Albrightson CR, et al. **J Immunol** 1985 Sep;135(3):1872-7

Prostaglandin production by phagocytic cells of the mouse thymic reticulum in culture and its modulation by indomethacin and corticosteroids. Homo-Delarche F, et al. **J Immunol** 1985 Jul;135(1):506-12

Prostaglandin and leukotriene synthesis in mouse ears inflamed by arachidonic acid. Opas EE, et al. **J Invest Dermatol** 1985 Apr;84(4):253-6

Monocyte inhibition of lung fibroblast growth: relationship to fibroblast prostaglandin production and density-defined monocyte subpopulations. Elias JA, et al. **J Leukocyte Biol** 1985 Jan;37(1):15-28

Alterations in cerebral and microvascular prostaglandin synthesis by manipulation of dietary essential fatty acids. Brown ML, et al. **J Neurochem** 1984 Nov;43(5):1392-400

The effect of zinc deficiency on prostaglandin synthesis in rat testes. Chanmugam P, et al. **J Nutr** 1984 Nov;114(11):2066-72

Biosynthesis of prostaglandins in gingiva of patients with chronic periodontitis. Mendieta CF, et al. **J Periodontol** 1985 Jan;56(1):44-7

Effect of sodium azide and sodium selenite on prostaglandin synthesis in rabbit kidney medulla slices. Fujimoto Y, et al. **J Pharm Pharmacol** 1985 Feb;37(2):129-30

Inhibition of prostaglandin biosynthesis by a new anti-inflammatory drug, TA-60. Muramatsu M, et al. **J Pharmacobiodyn** 1985 Jan;8(1):11-9

Prostaglandin synthesis and renal vasoconstriction elicited by adrenergic stimuli are linked to activation of alpha-1 adrenergic receptors in the isolated rat kidney. Cooper CL, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):24-31

Modulation of reflex renal vasoconstriction by increased endogenous renal prostaglandin synthesis. Holdaas H, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):725-31

Further studies on prostaglandin and thromboxane production by the rat uterus during the oestrous cycle. Brown CG, et al. **J Reprod Fertil** 1985 Mar;73(2):391-9

Studies on ovarian prostaglandin production in relation to ovulation in the rat. Brown CG, et al. **J Reprod Fertil** 1984 Nov;72(2):407-14

Effects of TMB-8, an intracellular calcium antagonist, and W-7, a calmodulin antagonist, on prostaglandin output from the guinea-pig uterus. Poyser NL. **J Reprod Fertil** 1985 Sep;75(1):223-30

Effect of estrogen on rabbit gallbladder prostaglandin biosynthesis. Myers SI. **J Surg Res** 1985 Jun;38(6):630-4

Prostaglandin production and platelet reactivity of small-diameter grafts. Sicard GA, et al. **J Vasc Surg** 1984 Nov;1(6):774-81

Effects of ibuprofen, naproxen, and sulindac on prostaglandins in men. Brater DC, et al. **Kidney Int** 1985 Jan;27(1):66-73

Beclobrinic acid--a new hypolipidemic agent--inhibits in vitro human platelet activation by blocking prostaglandin synthesis. Anwer K, et al. **Life Sci** 1985 Jul 8;37(1):63-70

Regulation of prostanoid production by dietary fatty acids. Hornstra G. **Med Biol** 1984;62(5):261-2

Effect of bradykinin on prostaglandin production by human skin fibroblasts in culture. Jelsema CL, et al. **Methods Enzymol** 1985;109:480-503

Eicosapentaenoic acid inhibits the release of 14C-prostacyclin from a perfused tissue after incorporation of 14C-prostaglandin precursors. Juan H, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jun;329(4):388-93

Defective renal prostaglandin synthesis in hypertensive patients with morbid obesity. Zawada ET Jr, et al. **Nephron** 1985;39(4):361-4

Short-term responses in neonatal lambs after infusion of group B streptococcal extract. O'Brien WF, et al. **Obstet Gynecol** 1985 Jun;65(6):802-6

Prostaglandin production and zinc depletion in human pregnancy. Simmer K, et al. **Pediatr Res** 1985 Jul;19(7):697-700

Inhibition of PG production by MDL 035, a new non-steroidal non-acidic anti-inflammatory compound, in rat gastric mucosa and inflammatory exudate. Luzzani F, et al. **Pharmacol Res Commun** 1984 Aug;16(8):755-63

Gestational changes in prostaglandin production by ovine fetal trophoblast cells. Risbridger GP, et al. **Placenta** 1985 Mar-Apr;6(2):117-25

Does cyclosporine inhibit renal prostaglandin synthesis? Adu D, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:969-72

In vitro studies on the prostaglandin system in tooth pulp. Antila R, et al. **Proc Finn Dent Soc** 1984;80(5-6):245-52

Alpha and beta human transforming growth factors stimulate prostaglandin production and bone resorption in cultured mouse calvaria. Tashjian AH Jr, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4535-8

Increasing membrane polyunsaturated fatty-acid content augments cyclic AMP formation and prostaglandin production in NIE-115 neuroblastoma. Murphy MG. **Prog Neuropsychopharmacol Biol Psychiatry** 1984;8(4-6):529-37

Formation of prostaglandins by ovarian carcinomas. Bauknecht T, et al. **Prostaglandins** 1985 May;29(5):665-72

Effect of intravenous eicosapentaenoic acid on cerebral blood flow, edema and brain prostaglandins in ischemic gerbils. Black KL, et al. **Prostaglandins** 1984 Oct;28(4):545-56

Production of prostaglandins by dispersed cells and fragments from bovine parathyroid glands. Brown EM, et al. **Prostaglandins** 1985 Jan;29(1):35-46

Prostaglandin synthesis by the cochlea of the guinea pig. Influence of aspirin, gentamicin, and acoustic stimulation. Escoubet B, et al. **Prostaglandins** 1985 Apr;29(4):589-99

Stimulation of arachidonic acid metabolism in primary cultures of osteoblast-like cells by hormones and drugs. Feyen JH, et al. **Prostaglandins** 1984 Dec;28(6):769-81

Activity of prostaglandin biosynthetic pathways in rat pancreatic islets. Kelly KL, et al. **Prostaglandins** 1984 Jun;27(6):925-38

Prostaglandin production from homogenates of separated glandular epithelium and stroma from human endometrium. Lumsden MA, et al. **Prostaglandins** 1984 Oct;28(4):485-96

The effect of dietary alteration of prostaglandin synthesis on blood pressure and the reversal of hypertension in the one-kidney, one-clip rat. McGowan HM, et al. **Prostaglandins** 1985 May;29(5):727-37

Anti-inflammatory drugs, prostanoid and proteoglycan production by cultured bovine articular chondrocytes. Mitrovic D, et al. **Prostaglandins** 1984 Sep;28(3):417-34

The measurement of human endometrial prostaglandin production. A comparison of two in vitro methods. Peek MJ, et al. **Prostaglandins** 1985 Jan;29(1):3-18

Stimulation of myometrial and decidual prostaglandin production by amniotic fluid from term, but not midtrimester pregnancies. Rehnström J, et al. **Prostaglandins** 1983 Dec;26(6):973-81

Biosynthesis of prostaglandins by tissues of the human fetus. Strickland DM, et al. **Prostaglandins** 1983 Dec;26(6):983-9

The response of human carcinoma cell lines to gamma-linolenic acid with special reference to the effects of agents which influence prostaglandin and thromboxane synthesis. Botha JH, et al. **Prostaglandins Leukotrienes Med** 1985 Jul;19(1):63-77

Prostaglandins in the human uterus: an interaction between endometrium and myometrium. Cameron IT, et al. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):329-35

Pro-inflammatory flavonoids which are inhibitors of prostaglandin biosynthesis. Damas J, et al. **Prostaglandins Leukotrienes Med** 1985 Jul;19(1):11-24

The rat urinary bladder produces prostacyclin as well as other prostaglandins. Jeremy JY, et al. **Prostaglandins Leukotrienes Med** 1984 Nov;16(2):235-48

Prostaglandin synthesis from endogenous and exogenous arachidonic acid in the rat uterus. Effect of estradiol and progesterone. Jouanen A, et al. **Prostaglandins Leukotrienes Med** 1985 Jun;18(3):321-36

Ultraviolet-evoked prostaglandin biosynthesis in varying stages of keratinocyte differentiation in guinea pig skin. Karmali RA, et al. **Prostaglandins Leukotrienes Med** 1984 Sep;15(3):277-86

The relationship between menstrual blood loss and prostaglandin production in the human: evidence for increased availability of arachidonic acid in women suffering from menorrhagia. Kelly RW, et al. **Prostaglandins Leukotrienes Med** 1984 Oct;16(1):69-78

Further studies on the control of arachidonic acid turnover in guinea-pig endometrium in relation to prostaglandin production. Ning AC, et al. **Prostaglandins Leukotrienes Med** 1984 Dec;16(3):285-302

Prostaglandin and thromboxane biosynthesis in isolated platelet-free human monocytes. I. A modified procedure for the characterization of the prostaglandin spectrum produced by resting and activated monocytes. Orlandi M, et al. **Prostaglandins Leukotrienes Med** 1985 May;18(2):205-16

Evidence for an inverse relationship between cyclooxygenase and lipoxygenase pathways in the pregnant rabbit endometrium. Pakrasi PL, et al. **Prostaglandins Leukotrienes Med** 1985 Jun;18(3):347-52

Adrenergic stimulation modifies prostaglandin synthesis by rat vas deferens. Peredo H, et al. **Prostaglandins Leukotrienes Med** 1985 Jul;19(1):51-61

Reduced prostaglandin synthesis by renal and aortic tissues from adult rats fed essential fatty acid-deficient diet after food deprivation. Sakr HM, et al. **Prostaglandins Leukotrienes Med** 1985 May;18(2):183-92

Prostaglandin and thromboxane synthesizing activity in isolated murine hepatocytes and nonparenchymal liver cells. Spolarics Z, et al. **Prostaglandins Leukotrienes Med** 1984 Dec;16(3):379-88

Ascorbic acid enhances the formation of prostaglandin E1 in washed human platelets and prostacyclin in rat aortic rings. Srivastava KC. **Prostaglandins Leukotrienes Med** 1985 May;18(2):227-33

Potent and selective effects of suprofen on uterine prostaglandin synthesis. Tolman EL, et al. **Prostaglandins Leukotrienes Med** 1985 Jun;18(3):367-77

Synthesis of prostaglandins and leukotrienes. Effects of ethanol. Murphy RC, et al. **Recent Dev Alcohol** 1985;3:101-22 (122 ref.)

Prostaglandin formation and platelet aggregation during fasting and linoleic acid intake. Adam O, et al. **Res Exp Med (Berl)** 1985;185(2):169-72

Effects of high frequency ventilation on lung lymph dynamics and prostaglandin generation. Van der Zee H, et al. **Respir Physiol** 1985 Jul;61(1):31-42

Contribution of circulating formed elements to prostanoid production in complement-mediated lung injury in sheep. Egan TM, et al. **Surgery** 1985 Aug;98(2):350-8

Increases in gallbladder prostaglandin synthesis before the formation of cholesterol gallstones. LaMorte WW, et al. **Surgery** 1985 Sep;98(3):445-51

Effect of specific thromboxane-synthetase inhibition on thromboxane and prostaglandin synthesis in stable angina induced by exercise test. Mogensen F, et al. **Thromb Res** 1985 Jan 15;37(2):259-66

Enterotoxin-induced fluid accumulation during experimental salmonellosis and cholera: involvement of prostaglandin synthesis by intestinal cells. Duebbert IE, et al. **Toxicon** 1985;23(1):157-72

[Nutrition and prostaglandins] Koivistoinen P, et al. **Duodecim** 1984;100(16):987-95 **(Fin)**

[Prostaglandins and leukotrienes in immunology] Krohn K. **Duodecim** 1984;100(16):1040-8 **(Fin)**

[Prostaglandin synthesis by dispersed cells from the submandibular gland of the rat. Effect of pH and calcium] Nejar JR, et al. **J Biol Buccale** 1985 Mar;13(1):55-62 (Eng. Abstr.) **(Fre)**

[The effect of indomethacin and carprofen on gastric prostaglandin biosynthesis] Frölich JC, et al. **Arzneimittelforsch** 1984;34(12):1783-5 (Eng. Abstr.) **(Ger)**

[Genetic defects of prostaglandin and thromboxane synthesis] Schrör K. **Wien Klin Wochenschr** 1985 Jan 18;97(2):64-70 (Eng. Abstr.) **(Ger)**

[Circulating negative inotropic substance produced by the lung, affected by prostaglandin and thromboxane] Utsunomiya T, et al. **Nippon Geka Gakkai Zasshi** 1985 May;86(5):527-33 (Eng. Abstr.) **(Jpn)**

[Prostaglandins and related substances: biosynthesis] Shimizu T. **Nippon Rinsho** 1985 Mar;43(3):464-71 (68 ref.) **(Jpn)**

[Eicosanoids; prostaglandins and other oxygenated arachidonate metabolites] Narumiya S. **Tanpakushitsu Kakusan Koso** 1984 Nov;29(12 Suppl):1424-42 (160 ref.) **(Jpn)**

[Prostaglandins and diarrhea] Sabán Ruiz J, et al.

Med Clin (Barc) 1984 Nov 3;83(14):600-5 (101 ref.) **(Spa)**

BLOOD

Cardio-respiratory changes and prostaglandins during one-lung-anesthesia. Scherer R, et al. **Acta Anaesthesiol Belg** 1984 Jun;35(2):89-103

Effects of selective thromboxane synthetase inhibitor OKY-046 on plasma prostaglandins in patients with coronary artery disease during exercise. Shikano M, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:375-7

Follow-up of prostaglandin plasma levels after acute myocardial infarction. Friedrich T, et al. **Am Heart J** 1985 Feb;109(2):218-22

Plasma prostaglandins during the intravenous infusion of angiotensin II in pregnant women. Strickland DM, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):952-5

Contribution to the pathogenesis of dysmenorrhea. Zahradnik HP, et al. **Arch Gynecol** 1984;236(2):99-108

Prostaglandin production in patients with pulmonary embolism. Friedrich T, et al. **Biomed Biochim Acta** 1984; 43(8-9):S409-12

Exercise, ethanol and arachidonic acid metabolism in healthy men. Vapaatalo H, et al. **Biomed Biochim Acta** 1984; 43(8-9):S413-20

Failure of percutaneous transluminal coronary angioplasty to stimulate platelet and prostaglandin activity. Stine RA, et al. **Cathet Cardiovasc Diagn** 1985;11(3):247-54

Hemodynamic and prostaglandin level changes during acetate hemodialysis versus bicarbonate hemodialysis. Branger B, et al. **Contrib Nephrol** 1984;41:388-93

Gas chromatographic-mass spectrometric profiling with negative-ion chemical ionization detection of prostaglandins and their 15-keto and 15-keto-13,14-dihydro catabolites in rat blood. Pace-Asciak CR, et al. **J Chromatogr** 1984 Oct 12; 310(2):233-42

Simultaneous determination of prostanoids in plasma by gas chromatography-negative-ion chemical-ionization mass spectrometry. Schweer H, et al. **J Chromatogr** 1985 Mar 22;338(2):273-80

Dietary menhaden oil lowers plasma prostaglandins and calcium in mice bearing the prostaglandin-producing HSDM1 fibrosarcoma. Tashjian AH Jr, et al. **J Clin Invest** 1984 Dec;74(6):2042-8

Relationships of prostaglandin levels and natural killer (NK) cell cytotoxicity of mononuclear cells in cord blood. Ching CY, et al. **J Med** 1984;15(3):233-6

Prostanoids in hemolytic uremic syndrome. Stuart MJ, et al. **J Pediatr** 1985 Jun;106(6):936-9

Pre-eclampsia and prostaglandins [letter] **Lancet** 1985 Jun 1;1(8440):1267-8

Effects of purified hog pancreatic kallikrein on the kinin-prostaglandin system and renin-angiotensin-aldosterone system. Honda M, et al. **Nephron** 1985;41(1):34-8

Plasma prostaglandin levels and circulating fuel levels in rats with diabetic ketoacidosis: effects of cyclooxygenase inhibitors and of alpha and beta adrenergic blockade. Axelrod L, et al. **Prostaglandins** 1984 Sep;28(3):333-52

[Plasma prostaglandin and thromboxane levels in asthmatic children] Fukuda Y. **Arerugi** 1985 Feb;34(2):110-21 (Eng. Abstr.) **(Jpn)**

[The effects of hog pancreatic kallikrein on the plasma kinins-prostaglandins and renin-angiotensin-aldosterone systems] Nagashima Y, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Sep 20;60(9):1031-40 (Eng. Abstr.) **(Jpn)**

[Hemodynamic responses, platelet functions, prostaglandin activities and catecholamine release during angina induced by stress testing--the comparison of changes between treadmill and pacing stress testing] Satomura K. **Nippon Naika Gakkai Zasshi** 1985 Mar;74(3):287-96 **(Jpn)**

[Prostaglandin metabolism in blood platelets and guanidine level in patients with chronic uremia] Komarnicki M, et al. **Pol Arch Med Wewn** 1984 Nov;72(5):243-7 (Eng. Abstr.) **(Pol)**

[Blood prostaglandins in closed craniocerebral injuries in children] Kalinina LV, et al. **Pediatriia** 1984 Oct;(10):30-2 **(Rus)**

[Prostaglandin system in newly diagnosed pulmonary tuberculosis] Sokol TV. **Probl Tuberk** 1984 Nov;(11):24-7 (Eng. Abstr.) **(Rus)**

[Blood prostaglandins in food toxicoinfections] Iushchuk ND, et al. **Sov Med** 1984;(12):102-5 **(Rus)**

[Role of prostaglandins and cyclic nucleotides in the development of allergic reactions in eczema patients] Kubanova AA. **Vestn Dermatol Venerol** 1985 Apr;(4):13-5 (Eng. Abstr.) **(Rus)**

CEREBROSPINAL FLUID

Measurement of prostaglandins in the cerebrospinal fluid in cat, dog, and man. Romero SD, et al. **J Neurochem** 1984 Dec;43(6):1642-9

CHEMICAL SYNTHESIS

Synthesis of classical prostaglandins. Caton MP, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 14:73-129 (232 ref.)

Synthesis of new antineoplastic prostaglandins. Sugiura S, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4658-61

Prostaglandins, thromboxanes, leukotrienes, and related arachidonic acid metabolites. Lai SM, et al. **Nat Prod Rep** 1984 Oct;1(5):409-41 (222 ref.)

DEFICIENCY

Effectiveness of dietary essential fatty acid deficiency in development of a model of endogenous renal prostaglandin deficiency. Sinaiko AR, et al. **Prostaglandins Leukotrienes Med** 1985 Jul;19(1):87-98

IMMUNOLOGY

How are prostaglandins and leukotrienes involved in immunological alterations? Lewis RA. **J Trauma** 1984 Sep; 24(9 Suppl):S125-37

Gastroduodenal ulceration in rabbits producing antibodies to prostaglandins. Olson GA, et al. **Prostaglandins** 1985 Mar;29(3):475-80

Amplification by macrophages of prostaglandin-mediated immunosuppression in mice bearing syngeneic tumors. Plescia OJ, et al. **Prostaglandins Leukotrienes Med** 1984 Nov;16(2):205-23

ISOLATION & PURIFICATION

Nonmammalian sources of eicosanoids. Bundy GL. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 14:229-62 (131 ref.)

Simultaneous extraction and preparation for high-performance liquid chromatography of prostaglandins and phospholipids. Saunders RD, et al. **Anal Biochem** 1984 Nov 15;143(1):71-5

[Progress in the technology of prostaglandin isolation and analysis (prostaglandins, thromboxanes, and leukotrienes)] Kobayashi T, et al. **Nippon Rinsho** 1985 Mar;43(3):608-14 (30 ref.) **(Jpn)**

METABOLISM

Humoral factors involved in the regulation of sodium-fluid balance in normal man. II. Effect of indomethacin on sodium concentration, renal prostaglandins, vasopressin and renin-angiotensin-aldosterone system. Somova L, et al. **Acta Physiol Pharmacol Bulg** 1984;10(2):29-33

Interactions of vasopressin, cAMP, and prostaglandins in toad urinary bladder. Schlondorff D, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):F454-8

Effects of vasopressin on phosphoinositides and prostaglandin production in cultured mesangial cells. Troyer DA, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F139-47

Prostaglandins and diabetes. Rösen P, et al. **Ann Clin Res** 1984;16(5-6):300-13 (195 ref.)

The synthesis of prostaglandins by the Nb rat prostate tumor. Drago JR, et al. **Anticancer Res** 1985 Jul-Aug;5(4):393-5

Prostaglandins and other metabolites of arachidonic acid. An overview for the otolaryngologist. Poole MD, et al. **Arch Otolaryngol** 1985 May;111(5):317-21 (64 ref.)

Rat renal medulla possess high capacity to catabolize prostaglandins. Speziale E, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):69-74

Effects of platelet-activating factor on the release of arachidonic acid and prostaglandins by rabbit iris smooth muscle. Inhibition by calcium channel antagonists. Yousufzai SY, et al. **Biochem J** 1985 Jun 15;228(3):697-706

Actions of flavonoids and the novel anti-inflammatory flavone, hypolaetin-8-glucoside, on prostaglandin biosynthesis and inactivation. Alcaraz MJ, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2477-82

Age-dependent changes in the synthesis and catabolism of 6 oxo PGE1 and other prostanoids by the rat kidney in vitro. Griffiths RJ, et al. **Biochem Pharmacol** 1985 Jan 15; 34(2):223-8

Prostaglandins and cyclic nucleotides. Modulators of arterial cholesterol metabolism. Hajjar DP. **Biochem Pharmacol** 1985 Feb 1;34(3):295-300

[1-14C]Arachidonic acid incorporation into glycerolipids and prostaglandin synthesis in peritoneal macrophages: effect of chloramphenicol. de Maroussem D, et al. **Biochim Biophys Acta** 1985 Mar 27;834(1):8-22

Prostaglandin translocation from the lumen of the rabbit uterus in vitro in relation to day of pregnancy or pseudopregnancy. Cao ZD, et al. **Biol Reprod** 1984 Oct; 31(3):505-19

Amniotic fluid prostaglandins do not reflect human fetal lung maturation. Cvetkovic M, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):93-6

Prostanoid derivatives in experimental flap delay with formic acid. Lawrence WT, et al. **Br J Plast Surg** 1984 Oct; 37(4):602-6

Bioconversion of arachidonic acid to prostaglandins and related compounds in human myometrium and uterine cervix. Mitsuhashi N, et al. **Endocrinol Jpn** 1984 Dec; 31(6):815-20

Storage in vivo of [3H]prostaglandins by rabbit blastocysts. Jones MA, et al. **Endocrinology** 1985 Mar;116(3):993-7

Phorbol ester regulation of rat granulosa cell prostaglandin and progesterone accumulation. Kawai Y, et al. **Endocrinology** 1985 Jun;116(6):2320-6

Prostanoid concentrations in maternal/fetal plasma and amniotic fluid and intrauterine tissue prostanoid output in relation to myometrial contractility during the onset of adrenocorticotropin-induced preterm labor in sheep. Olson DM, et al. **Endocrinology** 1985 Jan;116(1):389-97

Alternative pathways of arachidonate metabolism: prostaglandins, thromboxane and leukotrienes. Johnson M, et al. **Essays Biochem** 1983;19:40-141 (356 ref.)

Arterial prostaglandins and lysosomal function during atherogenesis. II. Isolated cells of diet-induced atherosclerotic aortas of rabbit. Berberian PA, et al. **Exp Mol Pathol** 1985 Aug;43(1):36-55

Arterial prostaglandins and lysosomal function during atherogenesis. I. Homogenates of diet-induced atherosclerotic aortas of rabbit. Berberian PA, et al. **Exp Mol Pathol** 1985 Aug;43(1):22-35

Prostaglandins and ulcerative colitis. Rampton DS, et al. **Gut** 1984 Dec;25(12):1399-413 (127 ref.)

Correlation between prostaglandin and thromboxane levels and clinical signs in cyclosporine A-treated guinea pigs with acute experimental allergic encephalomyelitis. Bolton C, et al. **Immunopharmacology** 1985 Jun;9(3):147-53

Effects of serum on C3b-stimulated release of prostaglandins and thromboxane B2 from human monocytes. Schenkein HA, et al. **Immunopharmacology** 1984 Oct;8(2):79-89

Cardiac arrhythmias and prostaglandins revisited. Das UN. **Indian Heart J** 1984 May-Jun;36(3):192-5

On the origin of prostaglandins in human seminal fluid. Bendvold E, et al. **Int J Androl** 1985 Feb;8(1):37-43

Pulmonary synthesis, release, and metabolism of prostaglandins. Robinson C, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 2):265-71 (40 ref.)

Relation of prostanoids to strength of hypoxic vasoconstriction in dogs with lobar atelectasis. Garrett RC, et al. **J Appl Physiol** 1985 Jul;59(1):72-7

Isolation of cytochrome P-450 highly active in prostaglandin omega-hydroxylation from lung microsomes of rabbits treated with progesterone. Yamamoto S, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):593-603

Release of prostaglandins and monohydroxy and trihydroxy metabolites of linoleic and arachidonic acids by adult and fetal aortae and ductus arteriosus. Funk CD, et al. **J Biol Chem** 1985 Jun 25;260(12):7481-8

Limb development in chick embryos: cyclic AMP-dependent protein kinase activity, cyclic AMP, and prostaglandin concentrations during cytodifferentiation and morphogenesis. Smales WP, et al. **J Cell Physiol** 1985 Feb; 122(2):259-65

Changes of enzymes involved in prostaglandin metabolism and prostaglandin binding proteins in rat brain during development and aging. Ueno R, et al. **J Neurochem** 1985 Aug;45(2):483-9

Prostaglandins in small intestinal mucosa of children with celiac disease. Branski D, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):672-5

Physical model approach to gastrointestinal absorption of prostaglandins II: In situ rat intestinal absorption of dinoprost. Park JY, et al. **J Pharm Sci** 1984 Nov; 73(11):1588-94

Physical model approach to gastrointestinal absorption of prostaglandins III: In situ rat intestinal absorption of dinoprostone. Rogers JD, et al. **J Pharm Sci** 1984 Nov; 73(11):1594-9

Alteration of histamine, serotonin and primary prostaglandin in case of diarrhea induced by endotoxin and gastrointestinal absorption of drug. Sakurai E, et al. **J Pharmacobiodyn** 1985 Mar;8(3):186-92

Effects of sofalcone on necrotizing agents-induced gastric lesions and on endogenous prostaglandins in rats stomachs. Saziki R, et al. **J Pharmacobiodyn** 1984 Nov;7(11):791-7

Effect of castration on prostaglandin-mediated changes in membrane potential and prostaglandin synthesis in guinea-pig seminal vesicle tissue. Levine N, et al. **J Reprod Fertil** 1985 Mar;73(2):539-45

Plastic filing from dialysis tubing induces prostanoid release from macrophages. Bommer J, et al. **Kidney Int** 1984 Sep; 26(3):331-7

Prostaglandins in squamous cell carcinoma of the head and neck: a preliminary study. Jung TT, et al. **Laryngoscope** 1985 Mar;95(3):307-12

Etodolac: effect on prostaglandin concentrations in gastric mucosa of rats. Lee D, et al. **Life Sci** 1985 Mar 25; 36(12):1157-62

Changes in concentrations of prostaglandins and sex steroids around the time of induced ovulation in prepuberal gilts. Yamada Y, et al. **Nippon Juigaku Zasshi** 1984 Oct; 46(5):677-85

Prostaglandins and related compounds in the perinatal pulmonary circulation. Philips JB 3d. **Pediatr Pharmacol (New York)** 1984;4(2):129-42 (93 ref.)

Nucleotide and prostaglandin cycling in canine cyclic hematopoiesis. Jones JB, et al. **Proc Soc Exp Biol Med** 1984 Dec;177(3):392-8

Binding of prostaglandins in porcine gastric mucosal tissues. Woo SK, et al. **Proc West Pharmacol Soc** 1984;27:369-71

Study of diet and drug interactions on prostanoid metabolism. Codde JP, et al. **Prostaglandins** 1985 Jun;29(6):895-910

Role of renal prostaglandins in the fall in urine osmolality after papillary micropuncture. Hartupee DA, et al. **Prostaglandins** 1985 Jun;29(6):981-90

Influence of sulfasalazine, 5-aminosalicylic acid and sulfapyridine on prostanoid synthesis and metabolism in rabbit colonic mucosa. Kolassa N, et al. **Prostaglandins** 1985 Jan;29(1):133-42

Prostaglandins in the uterus: modulation by steroid hormones. Pakrasi PL, et al. **Prostaglandins** 1983 Dec;26(6):991-1009

Formation of cyclic adenosine monophosphate (cAMP) in the preovulatory rabbit follicle: role of prostaglandins and steroids. Rhodes RC 3d, et al. **Prostaglandins** 1985 Feb; 29(2):217-31

Temporal response of uterine prostaglandins to estradiol treatment in the ovariectomized-pregnant rat. Wilson L Jr, et al. **Prostaglandins** 1984 Jul;28(1):103-10

Presence of prostaglandin D2, E2 and F2 alpha in rat pancreatic islets. Horie H, et al. **Prostaglandins Leukotrienes Med** 1984 Oct;16(1):39-44

Leiomyomas release prostaglandins. Rees MC, et al. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):65-8

Effect of oral administration of arachidonic acid on prostaglandin and zinc metabolism in plasma and small intestine of the rat. Song MK, et al. **Prostaglandins Leukotrienes Med** 1985 Feb;17(2):159-66

Hemolysate-induced release of prostaglandinlike substances from the canine cerebral arteries. Okamoto S, et al. **Surg Neurol** 1985 Apr;23(4):421-4

Eicosanoids in health and in disease: an appraisal. Higgins AJ. **Vet Q** 1985 Jan;7(1):44-59 (120 ref.)

[Prostaglandins and acute pancreatitis] Ebbehøj N, et al. **Ugeskr Laeger** 1985 Jan 14;147(3):160-3 (Eng. Abstr.) **(Dan)**

[Prostaglandins in the newborn infant] Kääpä P. **Duodecim** 1984;100(16):1072-7 **(Fin)**

[Pulmonary prostaglandins and leukotrienes] Uotila P. **Duodecim** 1984;100(16):1026-33 **(Fin)**

[The biochemistry of prostaglandins] Vapaatalo H. **Duodecim** 1984;100(16):979-86 **(Fin)**

[Prostaglandins and cancer] Ylikorkala O. **Duodecim** 1984; 100(16):1049-55 **(Fin)**

[Epidermal prostaglandins and their significance] Förster W. **Dermatol Monatsschr** 1984;170(5):293-301 (Eng. Abstr.) **(Ger)**

[Deficiencies of the prostaglandin system: III. A partial thromboxane synthetase defect] Sinzinger H, et al. **Wien Klin Wochenschr** 1985 Jun 21;97(13):561-5 (Eng. Abstr.) **(Ger)**

[Effect of obstetrical manipulations on the prostaglandin content of the uterus] Gstöttner H, et al. **Zentralbl Gynakol** 1985;107(8):485-90 (Eng. Abstr.) **(Ger)**

[Effect of PSK on prostaglandin metabolism (I)] Takahata K, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1131-6 (Eng. Abstr.) **(Jpn)**

[Prostaglandins and related substances] Terano T, et al. **Nippon Rinsho** 1985 Mar;43(3):452-4 **(Jpn)**

[Prostaglandins in various diseases in children and adolescents] Markov KhM. **Vestn Akad Med Nauk SSSR** 1985;(6):13-8 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Ethanol dependent interaction between prostaglandins and lipoxygenase products in human peripheral lymphocytes. Lanefelt F, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb;56(2):149-53

Studies on the mechanism of action of antifertile PG in animal models. Elger W, et al. **Acta Physiol Hung** 1985; 65(4):415-32

The effect of different prostaglandins on cysteamine-induced duodenal ulcer in the rat. Náfrádi J, et al. **Acta Physiol Hung** 1984;64(3-4):339-41

Effect of prostaglandins on morphine-induced catalepsy in mice. Brus R, et al. **Acta Physiol Pol** 1983 Sep-Dec; 34(5-6):477-82

Effects of E, F, and I series prostaglandins and analogues on growth of gastroduodenal mucosa and pancreas. Dembinski A, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):G170-5

Effects of prostaglandins on vasoconstrictor action in isolated renal arterioles. Edwards RM. **Am J Physiol** 1985 Jun;248(6 Pt 2):F779-84

Effect of prostaglandins on bradykinin-induced visceral-cardiac reflexes. Stebbins CL, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):H155-63

Ocular blood flow after experimental alkali burns and prostaglandin administration. Green K, et al. **Arch Ophthalmol** 1985 Apr;103(4):569-71

Effects of prostaglandins on rat calvarial bone-cell calcium. Farr D, et al. **Arch Oral Biol** 1984;29(11):885-91

The effect of prostaglandins E1, E2 and F2 alpha and indomethacin on the sensitivity of glycolysis and glycogen synthesis to insulin in stripped soleus muscles of the rat. Leighton B, et al. **Biochem J** 1985 Apr 1;227(1):337-40

Prostaglandins and human platelet aggregation. Implications for the anti-aggregating activity of thromboxane-synthase inhibitors. Rajtar G, et al. **Biochem Pharmacol** 1985 Feb 1;34(3):307-10

Cytochemical localization of adenylate cyclase in the dense tubule system of human blood platelets stimulated by forskolin, prostacyclin and prostaglandin D2. Cutler LS, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):403-10

Prostaglandins and cyclic AMP stimulate creatine kinase synthesis but not fusion in cultured embryonic chick muscle cells. Schützle UB, et al. **Biochim Biophys Acta** 1984 Oct 12;805(2):204-10

Ion transport, prostaglandins, and essential hypertension. Garay R, et al. **Biomed Biochim Acta** 1984;43(8-9):S217-21

Regression of atherosclerotic manifestations in primary culture of human aortic cells: effects of prostaglandins. Kudryashov SA, et al. **Biomed Biochim Acta** 1984; 43(8-9):S284-6

The dependence of cardiac eicosanoid effects on changes of calcium concentration. Mentz P, et al. **Biomed Biochim Acta** 1984;43(8-9):S167-70

Prostacyclin, its fatty acid precursor and its metabolites on the inotropic function of and on the prostanoid generation by diabetic arteries. Sterin-Borda LJ, et al. **Biomed Biochim Acta** 1984;43(8-9):S257-64

The effect of prostaglandins I2, E1, E2 and dibutyryl cyclic AMP on the cytoplasmic spreading of rat osteoclasts. Chambers TJ, et al. **Br J Exp Pathol** 1984 Oct;65(5):557-66

The role of accelerated colonic transit in prostaglandin-induced diarrhoea and its inhibition by prostacyclin. Rush BD, et al. **Br J Pharmacol** 1984 Sep; 83(1):157-9

Modulatory effects of prostaglandin D2, E2 and F2 alpha on the postsynaptic actions of inhibitory and excitatory amino acids in cerebellar Purkinje cell dendrites in vitro. Kimura H, et al. **Brain Res** 1985 Mar 25;330(2):235-44

Prostaglandins enhance trigeminal substance P-ergic responses in the rabbit iris sphincter muscles. Ueda N, et al. **Brain Res** 1985 Jul 1;337(2):347-51

Control of VX2 carcinoma cell growth in culture by calcium, calmodulin, and prostaglandins. Yoneda T, et al. **Cancer Res** 1985 Jan;45(1):398-405

Participation of prostanoids in chemical activation of the pericardial pressor reflex in dogs. Nolan PN, et al. **Clin Exp Pharmacol Physiol** 1985 Jan-Feb;12(1):25-35

The use of prostaglandins and their analogues for abortion. Bygdeman M. **Clin Obstet Gynaecol** 1984 Dec;11(3):573-84 (38 ref.)

Prostaglandins, gastroduodenal ulcer and hemorrhagic gastritis. Bright-Asare P, et al. **Clin Physiol Biochem** 1984; 2(2-3):101-10

Prostaglandins: effects on the gastrointestinal tract. Robert A. **Clin Physiol Biochem** 1984;2(2-3):61-9 (52 ref.)

The effect of calcium-regulating hormones and prostaglandins on bone resorption by osteoclasts disaggregated from neonatal rabbit bones. Chambers TJ, et al. **Endocrinology** 1985 Jan;116(1):234-9

Role of exogenous and endogenous prostaglandins in steroidogenesis by isolated frog interrenal gland: evidence for dissociation in adrenocorticotropin and angiotensin action. Perroteau I, et al. **Endocrinology** 1984 Nov; 115(5):1765-73

Prostaglandins modulate arterial cholesteryl ester metabolism. Hajjar DP. **Enzyme** 1984;32(4):218-27

In vivo and in vitro studies on the release of cortisol from interrenal tissue in trout. I. Effects of ACTH and prostaglandins. Gupta OP, et al. **Exp Biol** 1985;43(3):201-12

Histologic and microcirculatory changes in alcohol-induced gastric lesions in the rat: effect of prostaglandin cytoprotection. Guth PH, et al. **Gastroenterology** 1984 Nov; 87(5):1083-90

Prostanoid activation of erythropoiesis. Fisher JW, et al. **Haematologia (Budap)** 1984;17(2):137-49

Effect of phosphodiesterase regulators on prostaglandin evoked responses in isolated rat uterus. Singh M, et al. **Indian J Exp Biol** 1984 Dec;22(12):637-44

Effect of verapamil & lignocaine on prostaglandin induced contractions in isolated rat uterus. Kothekar V, et al. **Indian J Med Res** 1985 Jan;81:79-82

Role of calcium in prostaglandin induced contractile activity in rat uterus. Reddy G, et al. **Indian J Med Res** 1984 Oct; 80:491-3

Suppression of cellular immunity to Listeria monocytogenes by activated macrophages: mediation by prostaglandins. Petit JC, et al. **Infect Immun** 1985 Aug;49(2):383-8

Clinical applications of prostaglandins in swine. Dial GD. **J Am Vet Med Assoc** 1984 Dec 15;185(12):1523-30 (92 ref.)

Inductive effects of prostaglandins on alkaline phosphatase in osteoblastic cells, clone MC3T3-E1. Hakeda Y, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):97-104

Inhibition by prostaglandins of adrenergic transmission in the left ventricular myocardium of anesthetized dogs. Lanier SM, et al. **J Cardiovasc Pharmacol** 1985 Jul-Aug;7(4):653-9

The in vivo regulation of splenic T cell population by the prostaglandin-mediated system. Taniguchi K, et al. **J Clin Lab Immunol** 1984 Aug;14(4):195-203

Properties of prostaglandin-sensitive adenylate cyclase system of a murine macrophage-like cell line (P388D1). Fernandez-Botran R, et al. **J Immunol** 1984 Nov; 133(5):2655-61

Effect of prostaglandins on complement production by tissue macrophages. Rediske JJ, et al. **J Leukocyte Biol** 1985 May; 37(5):651-8

The role of essential fatty acids and prostaglandins in cercarial penetration (Schistosoma mansoni). Salafsky B, et al. **J Parasitol** 1984 Oct;70(5):656-60

Prostanoids and adrenaline release: a study of [3H]adrenaline efflux from the rabbit isolated, perfused, adrenal gland. Collett AR, et al. **J Pharm Pharmacol** 1985 Mar; 37(3):188-92

Relaxant and contractile responses to prostaglandins in premature, newborn and adult baboon cerebral arteries. Hayashi S, et al. **J Pharmacol Exp Ther** 1985 Jun; 233(3):628-35

Analysis of the direct effects of prostaglandins on human sperm function. Aitken RJ, et al. **J Reprod Fertil** 1985 Jan; 73(1):139-46

Modulation of cyclic AMP formation and progesterone secretion by human chorionic gonadotropin, epinephrine, buserelin and prostaglandins in normal or human chorionic gonadotropin desensitized rat immature luteal cells in monolayer culture. Massicotte J, et al. **J Steroid Biochem** 1984 Sep;21(3):217-26

Failure of exogenous prostaglandin to afford complete protection against acetaminophen-induced hepatotoxicity in the rat. Raheja KL, et al. **J Toxicol Environ Health** 1985; 15(3-4):477-84

Comparison of the effects of primary prostaglandins on isolated human urinary bladder. Ueda S, et al. **J Urol** 1985 Jan;133(1):114-6

The stimulatory effects of prostaglandins on the melanophores of the lizard, Anolis carolinensis. Lucas A, et al. **Life Sci** 1985 Mar 4;36(9):835-40

Cytoprotective effect of prostaglandins on isolated rat liver cells. Guarner F, et al. **Liver** 1985 Feb;5(1):35-9

Prostaglandins--role in gastric mucosal cytoprotection. Sewell RB. **Med J Aust** 1985 Feb 4;142(3):S10-3

Modulation of vasopressin-induced water permeability of the cortical collecting tubule by endogenous and exogenous prostaglandins. Stokes JB 3d. **Miner Electrolyte Metab** 1985;11(4):240-8

Extremely-low-dose aspirin (1 mg per day) renders human platelets more sensitive to antiaggregation prostaglandins [letter] Sinzinger H, et al. **N Engl J Med** 1984 Oct 18; 311(16):1052

Effects of exogenous prostaglandins on the release of leukotriene C4-like immunoreactivity and on coronary flow in indomethacin-treated anaphylactic guinea-pig hearts. Aehringhaus U, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Jul; 326(4):368-74

Postconception menses induction using prostaglandin vaginal suppositories. Foster HW Jr, et al. **Obstet Gynecol** 1985 May;65(5):682-5

The prostaglandin-analogue-9-deoxo-16,16-dimethyl-9-methy inhibits the antidiuretic effect of vasopressin (AVP) in the conscious sheep. Christensen NJ, et al. **Pflugers Arch** 1984 Dec;402(4):360-3

A comparative study of the effects of prostaglandins and d-amphetamine on the metabolism of 3H-dopamine continuously presented to rat brain in vivo. Nielsen JA, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):583-9

Differences in blood pressure lowering effects in PGs following indirect and direct blood pressure measurements. Hedley LR, et al. **Proc West Pharmacol Soc** 1984;27:323-7

Prostaglandins and their precursors can modify genetic damage-induced by gamma-radiation and benzo(a)pyrene. Das UN, et al. **Prostaglandins** 1985 Jun;29(6):911-20

Influence of prostaglandins on electrolyte metabolism of human trabecular bone in vitro. Keck E, et al. **Prostaglandins** 1984 Oct;28(4):455-67

The influence of prostaglandins on neurotransmission in the rabbit isolated vas deferens. Trachte GJ. **Prostaglandins** 1985 Jan;29(1):47-59

Effects of prostaglandins on intraocular pressure recovery rate in rabbits. Trzeciakowski JP, et al. **Prostaglandins** 1985 Mar;29(3):497-510

Ametantrone inhibits prostaglandin--mediated resorption in bone organ culture. Warner MR, et al. **Prostaglandins** 1984 Oct;28(4):469-76

Prostaglandins act synergistically with antitumour agents on induction of sister chromatid exchanges in human lymphocytes. Dozi-Vassiliades J, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):55-9

Multimolecular forms of oxytocinase activity in the human uterus and their inhibition by prostaglandins and cyclic GMP. Roy AC, et al. **Prostaglandins Leukotrienes Med** 1985 May;18(2):133-41

Eicosanoid effects on cell proliferation in vitro: relevance to atherosclerosis. Smith DL, et al. **Prostaglandins Leukotrienes Med** 1984 Oct;16(1):1-10

Sedation produced by prostaglandins is not a nonspecific fatty acid effect. Holingsworth EB, et al. **Psychopharmacology (Berlin)** 1984;84(3):423-5

Permeability of the blood-brain barrier is not changed by vasoactive doses of arachidonic acid or prostaglandins in rats. Domer FR, et al. **Res Commun Chem Pathol Pharmacol** 1985 Apr;48(1):27-37

[Interactions between drugs and prostaglandins] Tokola O. **Duodecim** 1984;100(16):974-7 **(Fin)**

[Gastrointestinal cytoprotection by prostaglandins] Robert A. **Gastroenterol Clin Biol** 1984 Nov;8(11):819-27 (98 ref.) **(Fre)**

[The importance of increased prostaglandins and prostacyclin for the effect of oxyfedrin in isolated guinea pig heart preparations] Mentz P, et al. **Arzneimittelforsch** 1984; 34(12):1739-42 (Eng. Abstr.) **(Ger)**

[Regulation of menstruation with prostaglandins] Heinzl S. **Gynakologe** 1984 Sep;17(3):204-9 **(Ger)**

[Effect of prostaglandins on in vitro electrolyte metabolism in human spongiosa] Keck E, et al. **Z Rheumatol** 1984 Sep-Oct;43(5):258-64 (Eng. Abstr.) **(Ger)**

[Prostaglandins, indomethacin and the physiopathology of various systems] Meoni S, et al. **Clin Ter** 1984 Jul 31; 110(2):163-7 (Eng. Abstr.) **(Ita)**

[An analysis of the effects of prostaglandins on the bullfrog atrial muscle] Hachisuga M. **Fukuoka Igaku Zasshi** 1984

Aug;75(8):453-68 (Eng. Abstr.) (Jpn)

[Innervation of the rat urinary bladder. II. Effects of prostaglandins on the denervated detrusor muscle after bilateral pelvic ganglionectomy] Yamada M. **Nippon Heikatsukin Gakkai Zasshi** 1984 Dec;20(6):483-91 (Eng. Abstr.) (Jpn)

[Prostaglandins and their antihypertensive effects] Yu K, et al. **Nippon Rinsho** 1985 May;43(5):971-7 (30 ref.) (Jpn)

[Mechanisms of action of prostaglandins on the thrombocyte-vascular wall system] Gabrielian ES, et al. **Vestn Akad Med Nauk SSSR** 1984;(11):63-8 (25 ref.) (Eng. Abstr.) (Rus)

[Prostaglandins and peptic ulcer] Piqué Badía JM. **Med Clin (Barc)** 1984 Dec 1;83(18):759-61 (Spa)

PHYSIOLOGY

Prostaglandins and coronary circulation. Vapaatalo H. **Acta Med Scand [Suppl]** 1985;694:45-54 (85 ref.)

Catecholamines and contractility of the human myometrium at term: a possible role for prostaglandins. Wikland M, et al. **Acta Physiol Hung** 1935;65(3):331-4

The role of prostaglandins for the coordination of myometrial forces during labour. Wiqvist N, et al. **Acta Physiol Hung** 1985;65(3):313-22

A role for prostaglandins in reperfusion-induced myocardial injury? Karmazyn M. **Adv Myocardiol** 1985;6:429-36

The role of prostaglandins in arterial hypertension: a critical review. Groene HJ, et al. **Adv Nephrol** 1985;14:241-72 (164 ref.)

Platelets, prostaglandins, and the cardiovascular system. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:1-393

The relevance of prostaglandins in human hypertension. Dunn MJ, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:179-87 (36 ref.)

Role of prostaglandins in microcirculatory function. Kaley G, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:27-35 (39 ref.)

Renal prostaglandins and hypertension. McGiff JC, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:161-9 (28 ref.)

Role of prostaglandins in the activity of some cardiovascular drugs. Masotti G. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:319-26

Prostaglandins, renin-angiotensin system, and hypertension. Nasjletti A, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:171-8 (30 ref.)

Drugs, prostaglandins, and renal function. Patrono C, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:131-9 (31 ref.)

Evidence that hypercapnia-induced cerebral vasodilation in the conscious rat is not mediated by prostaglandins. Raczka E, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:117-9

Coronary vasodilation by nitrates: any role for prostaglandins? Simonetti I, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:327-32

Prostaglandins as possible mediators in the relaxing effect on the gastric smooth muscle by electrical transmural stimulation. Bettini V, et al. **Agressologie** 1984 Oct;25(9):1005-7

Prostaglandins, immunity and their effect on tumour growth. Ablin RJ. **Allergol Immunopathol (Madr)** 1985 Mar-Apr;13(2):157-60

Leukotrienes and prostaglandins in asthma. Bisgaard H. **Allergy** 1984 Aug;39(6):413-20

Role of prostaglandins in the renal handling of a salt load in essential hypertension. Trimarco B, et al. **Am J Cardiol** 1985 Jan 1;55(1):116-21

Prostanoids and cell injury. Flynn JT. **Am J Emerg Med** 1984 Jan;2(1):20-7

The role of prostaglandins in human hypertension. Smith MC, et al. **Am J Kidney Dis** 1985 Apr;5(4):A32-9 (44 ref.)

Prostaglandins mediate postoperative pain in Falope ring sterilization. Brodie BL, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):175-7

Influence of ovarian steroids on prostaglandin- and leukotriene-induced uterine contractions. Hahn DW, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):87-91

Prostaglandins in the sodium excretory response to altered renal arterial pressure in dogs. Carmines PK, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F8-14

Rat renal hemodynamics during venous compression: roles of nerves and prostaglandins. Corradi A, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F810-20

Role of prostaglandins in renin suppression during acute potassium loading. Kirchner KA. **Am J Physiol** 1985 Mar;248(3 Pt 2):F360-5

Role of prostaglandins in hypoxia-stimulated erythropoietin production. Kurtz A, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C3-8

Hormonal control of gap junctions in the myometrium. MacKenzie LW, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C296-308

Indomethacin and salicylate modulate effect of insulin on glucose kinetics in dogs. Miller JD, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E648-55

Prostaglandin involvement in hypersensitivity of ischemic hearts to arrhythmogenic influence of ouabain. Moffat MP, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):H57-63

Interactions among renal nerves, prostaglandins, and renal arterial pressure in the regulation of renin release. Osborn JL, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F706-13

Role of prostaglandins in control of intestinal motility. Thor P, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G353-9

Blood pressure control in pregnant rabbits: norepinephrine and prostaglandin interactions. Venuto R, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R786-91

Function of prostaglandins, thromboxane A2, and histamine in hypersensitivity reaction to experimental bluetongue disease in calves. Emau P, et al. **Am J Vet Res** 1984 Sep;45(9):1852-7

Do prostaglandins have a role in breathlessness? O'Neill PA, et al. **Am Rev Respir Dis** 1985 Jul;132(1):22-4

Prostanoids in blood pressure regulation and their role in the blood pressure lowering effects induced by changes in dietary fats. Vapaatalo H, et al. **Ann Clin Res** 1984;16 Suppl 43:109-15 (74 ref.)

Possible role of prostaglandins in the regulation of food intake in the newborn rat. Lal J. **Arch Int Pharmacodyn Ther** 1984 Nov;272(1):140-9

Fourth International Symposium on Prostaglandins, Thromboxanes and Leukotrienes in the Cardiovascular System. May 29-31, 1984, Halle, East Germany. **Biomed Biochim Acta** 1984;43(8-9):S107-470

Mechanisms of gonadotropin-releasing hormone and prostaglandin action on luteal cells. Leung PC. **Can J Physiol Pharmacol** 1985 Mar;63(3):249-56 (79 ref.)

Vasodilative effect of hydralazine in awake dogs: the roles of prostaglandins and the sympathetic nervous system. Maekawa K, et al. **Circulation** 1984 Nov;70(5):908-16

Prostaglandins and vascular function. Weksler BB. **Circulation** 1984 Nov;70(5 Pt 2):III63-71

Influence of prostaglandin inhibition on dihydralazine induced acute effects in patients with essential hypertension. Reimann IW, et al. **Clin Exp Pharmacol Physiol** 1985 Jan-Feb;12(1):79-89

Role of prostaglandins during reversal of one-kidney, one-clip hypertension in the rat. Vandongen R, et al. **Clin Exp Pharmacol Physiol** 1984 Jul-Aug;11(4):391-4

The role of prostaglandins in the control of renal function: renal effects of nonsteroidal anti-inflammatory drugs. Pugliese F, et al. **Clin Exp Rheumatol** 1984 Oct-Dec;2(4):345-52 (68 ref.)

Stimulus-dependent inhibition of superoxide generation by prostaglandins. Sedgwick JB, et al. **Clin Immunol Immunopathol** 1985 Feb;34(2):205-15

Prostaglandins in human disease. Demers LM. **Clin Lab Med** 1984 Dec;4(4):787-801 (66 ref.)

Endocrinology of preterm birth. Casey ML, et al. **Clin Obstet Gynecol** 1984 Sep;27(3):562-71

Prostaglandins, related compounds, and the perinatal pulmonary circulation. Philips JB 3d, et al. **Clin Perinatol** 1984 Oct;11(3):565-79 (99 ref.)

Interaction of renal prostaglandins with the renin-angiotensin and renal adrenergic nervous systems in healthy subjects during dietary changes in sodium intake. Kramer HJ, et al. **Clin Sci** 1985 Apr;68(4):387-93

Role of cyclic AMP, prostaglandins, and catecholamines during normal palate development. Greene RM, et al. **Curr Top Dev Biol** 1984;19:65-79 (67 ref.)

Studies on the possible involvement of prostaglandins in insulin generation of pyruvate dehydrogenase activator. Begum N, et al. **Diabetes** 1985 Jan;34(1):29-37

Normalization by sodium salicylate of the impaired counterregulatory glucagon response to hypoglycemia in insulin-dependent diabetes. A possible role for endogenous prostaglandins. Giugliano D, et al. **Diabetes** 1985 Jun;34(6):521-5

Glucose-induced increases in renal hemodynamic function. Possible modulation by renal prostaglandins. Kasiske BL, et al. **Diabetes** 1935 Apr;34(4):360-4

Possible role of endogenous prostaglandins in alkaline response in rat gastric mucosa damaged by hypertonic NaCl. Nobuhara Y, et al. **Dig Dis Sci** 1984 Dec;29(12):1142-7

Effects of dexamethasone and indomethacin on the vascular beta 2-adrenolytic action of pertussis toxin in rats; a prostaglandin-mediated phenomenon. De Wildt DJ, et al. **Eur J Pharmacol** 1985 Jan 22;108(2):113-9

Contribution of endogenous prostaglandins to excitation of the myenteric plexus of guinea-pig ileum: are adrenergic factors involved? Yagasaki O, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):1-8

Vasoactive agents in control of the mesenteric circulation. Banks RO, et al. **Fed Proc** 1985 Sep;44(12):2743-9 (28 ref.)

Eicosanoids as mediators of ischemia and shock. Lefer AM. **Fed Proc** 1985 Feb;44(2):275-80 (33 ref.)

Effect of graded doses of intraluminal H+, prostaglandin E2, and inhibition of endogenous prostaglandin synthesis on proximal duodenal bicarbonate secretion in unanesthetized rat. Isenberg JI, et al. **Gastroenterology** 1985 Jan;88(1 Pt 2):303-7

Behavioral and neurochemical aspects of prostaglandins in brain function. Chiu EK, et al. **Gen Pharmacol** 1985;16(3):163-75 (115 ref.)

Suppression of cellular immunity to Listeria monocytogenes by activated macrophages: mediation by prostaglandins. Petit JC, et al. **Infect Immun** 1985 Aug;49(2):383-8

Cyclic AMP levels and their regulation by prostaglandins in peritoneal macrophages of rats and humans. Bonta IL, et al. **Int J Immunopharmacol** 1984;6(6):547-55

Do prostaglandins affect cellular radiosensitivity in vitro? Millar BC, et al. **Int J Radiat Biol** 1984 Oct;46(4):367-73

Mediators, airway responsiveness, and asthma. Hargreave FE, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 2):272-6

Histamine-induced spasm not significantly modulated by prostanoids in a swine model of coronary artery spasm. Shimokawa H, et al. **J Am Coll Cardiol** 1985 Aug;6(2):321-7

Endogenous prostaglandins modulate histamine-induced contraction in canine tracheal smooth muscle. Shore SA, et al. **J Appl Physiol** 1985 Mar;58(3):859-68

Prostaglandins and myocardial noradrenaline overflow after sympathetic nerve stimulation during ischemia and reperfusion. Schrör K, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 5:S50-4

Role of prostaglandins in modulating sympathetic vasoconstriction in the cerebral circulation in anesthetized rabbits. Busija DW. **J Cereb Blood Flow Metab** 1985 Mar;5(1):17-25

Evidence that the beta-adrenergic system and prostaglandins stimulate renin release through different mechanisms. Hsueh WA, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):399-403

Mechanism of preservation of glomerular perfusion and filtration during acute extracellular fluid volume depletion. Importance of intrarenal vasopressin-prostaglandin interaction for protecting kidneys from constrictor action of vasopressin. Yared A, et al. **J Clin Invest** 1985 May;75(5):1477-87

Lymphocyte activation by the Fc region of immunoglobulin. I. Role of prostaglandins in the down regulation of Fc fragment-induced polyclonal antibody production. Morgan EL, et al. **J Immunol** 1985 Apr;134(4):2247-53

Cancer and the prostaglandins: a mini review on cancer research. elAttar TM. **J Oral Pathol** 1985 Aug;14(7):511-22 (92 ref.)

The role of prostaglandins in cercarial (Schistosoma mansoni) response to free fatty acids. Salafsky B, et al. **J Parasitol** 1984 Aug;70(4):584-91

Prostaglandins in diarrheal disease [editorial] Chang EB, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):341-4 (42 ref.)

Progress in perinatal medicine III. 3rd International Berlin Meeting of Perinatal Medicine. 10th and 11th November 1983. Abstracts. **J Perinat Med** 1984;12 Suppl 1:1-100

Effect of central prostaglandins on carrageenan-induced pedal oedema in rats. Bhattacharya SK, et al. **J Pharm Pharmacol** 1984 Nov;36(11):768-9

Permissive role of prostaglandins in the action of bradykinin on the pancreas of anesthetized dogs. Iwatsuki K, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):700-6

Independent action of prostaglandins and kinins on vasopressin-stimulated water flow. Carvounis G, et al. **Kidney Int** 1985 Mar;27(3):512-6

Pressure natriuresis and prostaglandin secretion by perfused rat kidney. Gleim GW, et al. **Kidney Int** 1984 Nov;26(5):683-8

Gastric cytoprotection by hyperosmotic solutions in the rat: role of endogenous prostaglandins. Assouline G, et al. **Methods Find Exp Clin Pharmacol** 1985 Mar;7(3):125-8

Endogenous prostaglandins affect growth hormone and thyrotropin release at a hypothalamic, not a pituitary level. Kasting NW, et al. **Neuroendocrinology** 1984 Sep;39(3):201-5

Influence of histamine and prostaglandin on desensitization to neurotensin in rat blood pressure. Oishi M, et al. **Neuropeptides** 1984 Sep;4(5):351-9

Indomethacin and the cardiopulmonary adaptations of transition. Hammerman C, et al. **Pediatr Res** 1984 Sep;18(9):842-5

Prostanoid modulation (mediation?) of certain behavioral effects of ethanol. Segarnick DJ, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):71-5

The role of prostaglandins in Na retention of porta-cava shunted rats. Soggia G, et al. **Pharmacol Res Commun** 1984 Nov;16(11):1065-79

Role of prostaglandins in captopril-induced natriuresis. Conte G, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:820-4

Prostaglandins, catecholamines, and differentiation of the secondary palate. Greene RM, et al. **Prog Clin Biol Res** 1985;163C:277-81

Dietary fat, prostaglandins and the immune response. Johnston DV, et al. **Prog Food Nutr Sci** 1984;8(1-2):3-25 (67 ref.)

Abstracts of the NATO Advanced Research Workshop on Icosanoids and Ion Transport. November 17-18, 1983 Paris. **Prostaglandins** 1984;27 Suppl:1-129

Anticonvulsive effects of endogenous prostaglandins formed in brain of spontaneously convulsing gerbils. Förstermann U, et al. **Prostaglandins** 1984 Jun;27(6):913-23

Decreased calcium and magnesium urinary excretion during prostaglandin synthesis inhibition in the rat. Friedlander G, et al. **Prostaglandins** 1985 Jan;29(1):123-32

Prostaglandins or prostaglandin like substances are implicated in normal growth and development in oomycetes. Herman RP, et al. **Prostaglandins** 1985 May;29(5):819-30

Prostaglandins and the contractile effect of angiotensin I and II in the uterus isolated from ovariectomized rats. Influences of indomethacin and 17-beta estradiol. Chaud M, et al. **Prostaglandins Leukotrienes Med** 1984 Nov; 16(2):225-34

Hypothesis: on the similar prostaglandin mediation in the anti-hypertensive action of alpha- and beta- adrenoceptor antagonists; confusion of present system of receptor classification? Tan S, et al. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):305-8

Possible role of prostaglandin producing monocytes in the depression of mitogenic responses of blood lymphocytes following radiation therapy. Blomgren H, et al. **Radiother Oncol** 1984 Jan;1(3):255-61

Evidence against prostaglandin-mediation of somatostatin-inhibition of gastric secretions. Albinus M, et al. **Regul Pept** 1985 Mar;10(2-3):259-66

Neurotensin-induced colonic motor responses in dogs: a mediation by prostaglandins. Bardon T, et al. **Regul Pept** 1985 Mar;10(2-3):107-14

Prostaglandins may not mediate inhibition of gastric acid secretion by somatostatin in the rat. Mogard MH, et al. **Regul Pept** 1985 Mar;10(2-3):231-6

Prostaglandin effects in the neuroendocrine mammalian brain. Macfarlane CM, et al. **S Afr Med J** 1985 Mar 30; 67(13):503-6 (56 ref.)

Gastric acid inhibition by antral acidification mediated by endogenous prostaglandins. Befrits R, et al. **Scand J Gastroenterol** 1984 Oct;19(7):899-904

Protection of the gastroduodenal mucosa by prostaglandins. Johansson C, et al. **Scand J Gastroenterol [Suppl]** 1985; 110:41-8 (50 ref.)

Studies of the kallikrein-kinin system and prostaglandins in epithelial ion transport. Margolius HS, et al. **Soc Gen Physiol Ser** 1985;39:121-33 (41 ref.)

The role of prostaglandins in obstetrics/gynecology. Sherman AI. **Spec Top Endocrinol Metab** 1984;6:141-61 (79 ref.)

Evidence that indomethacin inhibits lymphocyte-induced angiogenesis. Davel LE, et al. **Transplantation** 1985 May; 39(5):564-5

The role of the prostanoid system in mediating the haemodynamic effects of dihydroergotamine. Bergqvist D, et al. **Ups J Med Sci** 1984;89(3):227-32

[Cytoprotection in the gastrointestinal tract] Wang CC. **Sheng Li Ko Hsueh Chin Chan** 1984 Jan;15(1):5-10 **(Chi)**

[Prostaglandins and cerebrovascular circulation] Parantainen J. **Duodecim** 1984;100(16):1017-25 **(Fin)**

[Prostaglandins and the gastrointestinal tract] Puurunen J. **Duodecim** 1984;100(16):1034-9 **(Fin)**

[Prostaglandins in the regulation of hemodynamics] Ylitalo P, et al. **Duodecim** 1984;100(16):996-1006 (110 ref.) **(Fin)**

[Prostaglandins and the physiology of human and animal reproduction] Hanzen C. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(4):351-61 (Eng. Abstr.) **(Fre)**

[Platelets, prostaglandins, thromboses and cancer] Dufault C. **Union Med Can** 1984 Jun;113(6):462-4 (Eng. Abstr.) **(Fre)**

[Prostaglandins. Principles and clinical use] Sinzinger H. **Med Monatsschr Pharm** 1985 May;8(5):137-44 **(Ger)**

[The importance of oxytocin and prostaglandins to the mechanism of labor in humans] Husslein P. **Wien Klin Wochenschr [Suppl]** 1984;155:1-32 (243 ref.) (Eng. Abstr.) **(Ger)**

[Biochemistry and significance of prostaglandins, prostacyclins, thromboxanes and leukotrienes and the modification of their biosynthesis by essential fatty acids] Kolb E. **Z Gesamte Inn Med** 1985 Mar 15;40(6):165-72 (Eng. Abstr.) **(Ger)**

[The role of non-enzymatic products of prostaglandin and prostacyclin synthesis in the initiation of pre-eclamptic toxemia] Konfino E, et al. **Harefuah** 1984 Jun 1; 106(11):518-20 **(Heb)**

[Prostaglandins and glucose metabolism. Effect of acetylsalicylic acid] Testa I, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):287-92 (Eng. Abstr.) **(Ita)**

[Roles of prostaglandins and leukotrienes in pulmonary circulation] Kitamura S. **Kokyu To Junkan** 1984 Sep; 32(9):883-8 (13 ref.) **(Jpn)**

[Role of renin-angiotensin system and prostaglandin system in the contralateral kidney of acute 2-kidney, 1 clip renovascular hypertension] Otsuka Y, et al. **Nippon Jinzo Gakkai Shi** 1985 Feb;27(2):269-77 (Eng. Abstr.) **(Jpn)**

[The role of prostaglandins for norepinephrine clearance in borderline hypertension] Koshida H, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Oct 20; 60(10):1193-201 (Eng. Abstr.) **(Jpn)**

[Agents to improve cerebrovascular circulation and cerebral metabolism--prostaglandins and related substances] Asano T, et al. **Nippon Rinsho** 1985 Feb;43(2):406-8 **(Jpn)**

[Platelet aggregation, thrombosis formation and prostaglandins] Higashihara M, et al. **Nippon Rinsho** 1985 Mar;43(3):555-62 (48 ref.) **(Jpn)**

[Physiological and pharmacological actions of prostaglandins and related substances on the endocrine system] Kasai Y, et al. **Nippon Rinsho** 1985 Mar;43(3):507-13 (38 ref.) **(Jpn)**

[Prostaglandin-related substances and neoplasms] Kimura S, et al. **Nippon Rinsho** 1985 Mar;43(3):615-9 (33 ref.) **(Jpn)**

[Physiological and pharmacological actions of prostaglandins and related substances: prostaglandins and estrus] Kinoshita K, et al. **Nippon Rinsho** 1985 Mar;43(3):544-8 (18 ref.) **(Jpn)**

[Physiological and pharmacological actions of prostaglandins and related substances on mineral metabolism] Komori T, et al. **Nippon Rinsho** 1985 Mar;43(3):537-43 (47 ref.) **(Jpn)**

[Physiological and pharmacological actions of prostaglandins and related substances: blood cell differentiation and prostaglandins] Kubota K, et al. **Nippon Rinsho** 1985 Mar; 43(3):529-36 (65 ref.) **(Jpn)**

[Physiological and pharmacological actions of prostaglandins and related substances: the kidney and prostaglandins] Marumo F, et al. **Nippon Rinsho** 1985 Mar;43(3):518-22 (28 ref.) **(Jpn)**

[Pharmacological mechanism of modern diuretics. Role of prostaglandins, kallikrein and kinins] Omata K, et al. **Nippon Rinsho** 1984 Sep;42(9):2001-8 (42 ref.) **(Jpn)**

[Physiological and pharmacological actions of prostaglandins and related substances: pregnancy and labor] Takagi S, et al. **Nippon Rinsho** 1985 Mar;43(3):549-54 (39 ref.) **(Jpn)**

[Bronchial asthma and prostaglandin related substances] Tomioka H. **Nippon Rinsho** 1985 Mar;43(3):563-9 (37 ref.) **(Jpn)**

[Physiological and pharmacological action of prostaglandins and related substances on the nervous system] Ueno R, et al. **Nippon Rinsho** 1985 Mar;43(3):489-92 (30 ref.) **(Jpn)**

[Physiological and pharmacological actions of prostaglandins and related substances on the digestive system] Wada T, et al. **Nippon Rinsho** 1985 Mar;43(3):501-6 (39 ref.) **(Jpn)**

[Roles of monocytes and prostaglandin in the regulation of the antibody response] Sekiguchi Y, et al. **Ryumachi** 1984 Aug;24(4):232-40 (Eng. Abstr.) **(Jpn)**

[Role of prostaglandins in the physiology and physiopathology of the respiratory system] Popescu CM, et al. **Rev Ig [Pneumoftiziol]** 1984 Jul-Sep;33(3):195-206 (19 ref.) **(Rum)**

[Humoral regulation of intrapulmonary shunting during anesthesia in lung surgery] Gimmel'farb GN, et al. **Anesteziol Reanimatol** 1985 Jan-Feb;(1):12-6 (Eng. Abstr.) **(Rus)**

[Role of the kallikrein-kinin system and prostaglandins in the action of dopamine on blood flow and sodium transport in the rat kidney] Kuz'min OB, et al. **Fiziol Zh SSSR** 1985 May;71(5):619-24 (Eng. Abstr.) **(Rus)**

[Prostaglandins in myocardial infarct] Kinoshenko EI. **Kardiologiia** 1985 Apr;25(4):116-20 (80 ref.) **(Rus)**

[Role of prostaglandins in the pathogenesis and treatment of shock] Glants RM, et al. **Klin Khir** 1985 Jan;(1):56-9 (49 ref.) **(Rus)**

[Role of prostaglandins in the pathogenesis of bronchial asthma in children and possibilities in therapeutic treatment] Sokolova TS, et al. **Allergol Immunopathol (Madr)** 1984 Jul-Aug;12(4):267-73 (Eng. Abstr.) **(Spa)**

[Prostaglandins and reproduction] Guivernau M, et al. **Rev Chil Obstet Ginecol** 1984;49(2):115-21 (67 ref.) **(Spa)**

SECRETION

Prostaglandin production and stimulation by angiotensin II in the isolated perfused human placental cotyledon. Glance DG, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):387-91

Hypoxic pulmonary vasoconstriction and endogenous prostaglandin (PG) and thromboxane (TX) release in anesthetized pigs. Conzen P, et al. **Biomed Biochim Acta** 1984;43(8-9):S265-8

Effect of hypoxia on the release of prostaglandin, prostacyclin, and thromboxane in perfused human placenta. Ekblad U, et al. **Contrib Gynecol Obstet** 1985;13:173

Release of prostaglandins during reversal of one-kidney, but not two-kidney, one clip hypertension in the rat. Vandongen R, et al. **J Hypertens** 1983 Aug;1(2):177-82

Prostaglandin output from the early pregnant rat uterus superfused in vitro, and the effect of A23187 and trifluoperazine. Poyser NL. **J Reprod Fertil** 1985 May; 74(1):271-7

The cellular effects of nonsteroidal anti-inflammatory drugs cannot be due to inhibition of prostaglandin release. Weissmann G, et al. **Trans Assoc Am Physicians** 1984; 97:369-83

[The kidney as an endocrine organ. I. Renin-angiotensin and kallikrein-kinin systems and renal prostaglandins] Kokot F. **Pol Arch Med Wewn** 1984 Dec;72(6):313-20 **(Pol)**

THERAPEUTIC USE

On the mechanism of cytoprotection by prostaglandins. Robert A. **Ann Clin Res** 1984;16(5-6):335-8 (34 ref.)

'Cyto' protection II? [letter] Mersereau WA. **Gastroenterology** 1985 Jun;88(6):2020-1

Prevention and treatment of gastrointestinal mucosal injury with cytoprotective agents. Tarnawski A. **Med J Aust** 1985 Feb 4;142(3):S13-7

Gastric cytoprotection. Konturek SJ. **Scand J Gastroenterol** 1985 Jun;20(5):543-53 (105 ref.)

[Therapeutic use of prostaglandins] Hruda J, et al. **Cas Lek Cesk** 1984 Dec 14;123(50):1527-30 (Eng. Abstr.) **(Cze)**

[Prostaglandins in gynecology] Pulkkinen MO. **Duodecim** 1984;100(16):1057-64 **(Fin)**

[Prostaglandins in the cardiovascular system--of importance clinically? (editorial)] Sinzinger H. **Wien Klin Wochenschr** 1985 Jan 18;97(2):71-3 (Eng. Abstr.) **(Ger)**

[Role of prostaglandins in human fertility] Embrey MP. **Recenti Prog Med** 1985 Jan;76(1):34-47 (54 ref.) (Eng. Abstr.) **(Ita)**

[Analogs of prostaglandin-related substances and inhibitors of their formation and metabolism. Clinical application: digestive system diseases] Muto H. **Nippon Rinsho** 1985 Mar;43(3):583-6 (22 ref.) **(Jpn)**

TOXICITY

Prostaglandins warning [letter] Cooper MJ. **Vet Rec** 1985 May 25;116(21):575

URINE

Renal PGs in essential hypertension; the role of water-electrolyte shifts in their metabolism. Nekrasova AA, et al. **Biomed Biochim Acta** 1984;43(8-9):S251-4

Aminoglycoside treatment and renal prostaglandin excretion in premature infants. Kühl PG, et al. **Dev Pharmacol Ther** 1985;8(1):61-7

Low plasma renin activity in diabetes. Relation to urine prostaglandin excretion. Wilson TW, et al. **Diabetes** 1985 Feb;34(2):145-50

WR-2721 inhibition of radiation-induced prostaglandin excretion in rats. Donlon M, et al. **Int J Radiat Biol** 1985 Feb;47(2):205-12

Arachidonic acid metabolism and urinary excretion of prostaglandins and thromboxane in rats with experimental diabetes mellitus. Quilley J, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):211-6

Effect of aldosterone on urinary kallikrein and prostaglandin excretion in the rat. Fejes-Tóth G, et al. **J Physiol (Lond)** 1984 Sep;354:79-88

Effects of orally administered glandular kallikrein on urinary kallikrein and prostaglandin excretion, plasma immunoreactive prostanoids and platelet aggregation in essential hypertension. Ogawa K, et al. **Klin Wochenschr** 1985 Apr 1;63(7):332-6

Relationship of renal prostaglandins to distal transport of sodium chloride in normokalemic and hypokalemic man. Favre L, et al. **Miner Electrolyte Metab** 1985;11(3):186-91

Renin, angiotensin II, aldosterone, catecholamines, prostaglandins and vasopressin. The importance of pressor and depressor factors for hypertension in pregnancy. Pedersen EB, et al. **Scand J Clin Lab Invest [Suppl]** 1984; 169:48-56

[Urinary excretion of prostaglandins and changes in plasma renin levels in patients with rheumatoid arthritis associated with cardiac decompensation treated with thiazides] Svendsen UG, et al. **Ugeskr Laeger** 1985 Feb 11; 147(7):612-4 (Eng. Abstr.) **(Dan)**

[Urinary prostaglandins in the hepatorenal syndrome of cirrhotic patients: role of thromboxane A2 and an imbalance of precursor polyunsaturated fatty acids] Parelon G, et al. **Gastroenterol Clin Biol** 1985 Apr;9(4):290-7 (Eng. Abstr.) **(Fre)**

PROSTAGLANDINS A

ANALYSIS

Improving the aqueous stability of prostaglandin E2 and prostaglandin A2 by inclusion complexation with methylated-beta-cyclodextrins. Hirayama F, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):4237-40

BIOSYNTHESIS

[Kinetic study of prostaglandin biosynthesis. A mathematical model] Lines Y, et al. **Bioorg Khim** 1983 Mar;9(3):419-23 (Eng. Abstr.) **(Rus)**

METABOLISM

Prostaglandin A2 receptor in rat intestinal basolateral plasma membranes. Matsukawa R, et al. **Gen Pharmacol** 1985; 16(2):121-4

PHARMACODYNAMICS

Proliferative and stimulatory effects of PGA2 on nucleic acids in the adrenal and kidney of squirrel, Funambulus pennanti. Rana SV, et al. **Acta Morphol Neerl Scand** 1984 Dec;22(4):307-12

Antileukemic effect of coral-prostanoids clavulones from the stolonifer Clavularia viridis on human myeloid leukemia (HL-60) cells. Honda A, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):515-23

Effects of dl-alpha-tocopheryl succinate in combination with sodium butyrate and cAMP stimulating agent on neuroblastoma cells in culture. Rama BN, et al. **Int J Cancer** 1984 Dec 15;34(6):863-7

A glutathione adduct of prostaglandin A1 acts intracellularly to elevate cyclic AMP by inhibiting its extrusion. Heasley LE, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(1):3-8

Export of cyclic AMP from avian red cells. Independence from major membrane transporters and specific inhibition

READEX FICHE pages tightly bound

by prostaglandin A. Heasley LE, et al. **Mol Pharmacol** 1985 Jan;27(1):60–5

[Synthesis of 15–fluorodeoxyprostaglandins A2 and E2 from Plaxaura homomalla prostaglandin A2] Bezuglov VV, et al. **Dokl Akad Nauk SSSR** 1984;279(2):378–80 **(Rus)**

THERAPEUTIC USE

Requirement of a reactive alpha, beta–unsaturated carbonyl for inhibition of tumor growth and induction of differentiation by 'A' series prostaglandins. Honn KV, et al. **Biochem Biophys Res Commun** 1985 May 31; 129(1):34–40

PROSTAGLANDINS A, SYNTHETIC

CHEMICAL SYNTHESIS

[Synthesis of 15–fluorodeoxyprostaglandins A2 and E2 from Plaxaura homomalla prostaglandin A2] Bezuglov VV, et al. **Dokl Akad Nauk SSSR** 1984;279(2):378–80 **(Rus)**

PROSTAGLANDINS B see under **PROSTAGLANDINS**

PROSTAGLANDINS D

ANALYSIS

The brain and prostaglandins. Hayaishi O. **Bull Osaka Med Sch [Suppl]** 1984 Dec;14:1–17

Prostaglandin D2 and prostaglandin D synthetase in mast cell deficient mice. Ikai K, et al. **Prostaglandins** 1984 Jun; 27(6):877–85

On the identification and biological properties of prostaglandin J2. Mahmud I, et al. **Prostaglandins Leukotrienes Med** 1984 Nov;16(2):131–46

BIOSYNTHESIS

The formation and regional distribution of prostaglandins D2 and F2 alpha in the brain of spontaneously convulsing gerbils. Seregi A, et al. **Brain Res** 1985 Jun 24;337(1):171–4

BLOOD

Measurement of prostaglandin D2 and identification of metabolites in human plasma during intravenous infusion. Barrow SE, et al. **Prostaglandins** 1984 Dec;28(6):743–54

Prostaglandin D2 in subarachnoid hemorrhage. Biological and diagnostic implications] Gaetani P, et al. **Riv Patol Nerv Ment** 1983 Jul–Aug;104(4):171–7 (Eng. Abstr.) **(Ita)**

DIAGNOSTIC USE

ffects of intravenous infusions of prostaglandin D2 in man. Heavey DJ, et al. **Prostaglandins** 1984 Dec;28(6):755–67

METABOLISM

ecreased number of PGD2 binding sites on platelets from patients with type IIa hyperlipoproteinemia. Abbate R, et al. **Atherosclerosis** 1985 Feb;54(2):167–75

–deepoxy–6,9–(phenylimino)–delta 6,8–Prostaglandin I1, U–60,257) stimulates prostaglandin D2 and inhibits hromboxane B2 release from ionophore challenged human lispersed lung cells. Holgate ST, et al. **Br J Pharmacol** 984 Nov;83(3):603–5

zymatic formation of prostaglandin F2 alpha from rostaglandin H2 and D2. Purification and properties of rostaglandin F synthetase from bovine lung. Watanabe , et al. **J Biol Chem** 1985 Jun 10;260(11):7035–41

nsformation of prostaglandin D2 to 9 alpha, 11 eta–(15S)–trihydroxyprosta–(5Z,13E)–dien–1–oic acid (9 pha, 11 beta–prostaglandin F2): a unique biologically tive prostaglandin produced enzymatically in vivo in mans. Liston TE, et al. **Proc Natl Acad Sci USA** 1985 p;82(18):6030–4

PHARMACODYNAMICS

let sensitivity to antiaggregatory prostaglandins GE1,D2,I2) in patients with peripheral vascular disease. scha P, et al. **Am J Hematol** 1985 May;19(1):13–9

ct suppressive effect of prostaglandin D2 on growth mone secretion from rat anterior pituitary. Arisawa M, l. **Asia Oceania J Obstet Gynaecol** 1984 Dec;10(4):541–5

ressive effect of prostaglandin D2 on prolactin secretion n rat anterior pituitary. Arisawa M, et al. **Oceania J Obstet Gynaecol** 1985 Mar;11(1):127–30

12–Prostaglandin J2, an ultimate metabolite of staglandin D2 exerting cell growth inhibition. Narumiya t al. **Biochem Biophys Res Commun** 1985 Mar 29; 3):739–45

ic inhibition by prostaglandin D2 and its metabolites sozyme synthesis in mouse macrophage–like cell line, –1. Kasukabe T, et al. **Biochim Biophys Acta** 1985 Mar 44(3):330–6

tion of prostaglandin D2 with prostacyclin, acyclin and the hydantoin prostaglandin, BW245C, in ea–pig platelets. Hamid S, et al. **Br J Pharmacol** 1985 85(1):285–90

nt responsiveness of prostaglandin D2–sensitive ns to prostaglandin D2 and its analogues. Narumiya al. **Br J Pharmacol** 1985 Jun;85(2):367–75

nt effects of prostaglandin E1, E2 and D2 on pancreatic somatostatin release. Nishi S, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:114–8

Prostaglandins E3 and D3 lower intraocular pressure. Kulkarni PS, et al. **Invest Ophthalmol Vis Sci** 1985 Aug; 26(8):1178–82

Decreased sensitivity of atopic mononuclear cells to prostaglandin E2 (PGE2) and prostaglandin D2 (PGD2). Rocklin RE, et al. **J Immunol** 1985 Sep;135(3):2033–9

Growth–inhibitory effect of prostaglandin D2 on mouse glioma cells. Keyaki A, et al. **J Neurosurg** 1984 Nov; 61(5):912–7

Influence of mediators of anaphylaxis on collateral ventilation and the lung periphery of the dog. Spannhake EW, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):491–7

Diminished sensitivity of platelet aggregation to prostaglandin D2 in patients with myeloproliferative disorders and in patients with acute leukemia. Wong P, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):147–54

Inotropic effects of prostaglandin D2 and E1 on the newborn rabbit heart. Uemura S, et al. **Pediatr Res** 1984 Dec; 18(12):1277–81

The effects produced by prostaglandin D2 on serotonin turnover and release and tryptophan uptake. Hollingsworth EB, et al. **Pharmacol Biochem Behav** 1985 Mar;22(3):371–5

Involvement of the serotonergic system in the prolongation of pentobarbital sleeping time produced by prostaglandin D2. Hollingsworth EB, et al. **Pharmacol Biochem Behav** 1985 Mar;22(3):365–70

Differential sleep–promoting effects of five sleep substances nocturnally infused in unrestrained rats. Inoué S, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6240–4

Hemodynamic effects of postpulmonary administration of prostaglandin D2 in fetal animals. Gause GE, et al **Proc Soc Exp Biol Med** 1985 Jul;179(3):373–6

Tumor differentiation––application of prostaglandins in the treatment of neuroblastoma. Imashuku S, et al. **Prog Clin Biol Res** 1985;175:89–98

Studies on the mechanism of central cardiovascular and temperature responses to prostaglandin D2. Förstermann U, et al. **Prostaglandins Leukotrienes Med** 1985 Jun; 18(3):301–8

The effect of prostaglandin D2 (PGD2) on circulating eosinophils. Marsden KA, et al. **Prostaglandins Leukotrienes Med** 1984 Sep;15(3):387–97

The effect of 5–(2–chlorobenzyl)–5,6,7,7a–tetrahydro 4H–thieno (3.2–C)–pyridine–2–one hydrochloride (PCR 3787), a metabolite of ticlopidine, on the aggregation of human platelets in vitro and on the aggregation inhibiting action of PGI2 and PGD2. Vincent JE, et al. **Prostaglandins Leukotrienes Med** 1984 Dec;16(3):279–83

[Inhibition of the multiplication of human herpes virus I by prostaglandin D2 and the synergistic effect of human leukocyte interferon] Imanishi J, et al. **C R Soc Biol (Paris)** 1984;178(6):671–4 (Eng. Abstr.) **(Fre)**

PHYSIOLOGY

[Physiological and pharmacological actions of prostaglandins and related substances: inflammation and allergy] Makino S. **Nippon Rinsho** 1985 Mar;43(3):523–8 (24 ref.) **(Jpn)**

SECRETION

Inflammatory mediators in late antigen–induced rhinitis. Naclerio RM, et al. **N Engl J Med** 1985 Jul 11;313(2):65–70

PROSTAGLANDINS E

Dilatation of the cervix by oral PGE2 before first–trimester termination of pregnancy. Somell C, et al. **Acta Obstet Gynecol Scand** 1984;63(7):625–8

Intracervical versus intravaginal PGE2 for induction of labor at term in patients with an unfavorable cervix. Ulmsten U, et al. **Arch Gynecol** 1985;236(4):243–8

Comparison of intravenous oxytocin and vaginal prostaglandin E2 gel in women with unripe cervixes and premature rupture of the membranes. Ekman–Ordeberg G, et al. **Obstet Gynecol** 1985 Sep;66(3):307–10

Effect of beta–mimetic tocolysis on cervical ripening and plasma prostaglandin F2 alpha metabolite after endocervical application of prostaglandin E2. Goeschen K, et al. **Obstet Gynecol** 1985 Feb;65(2):166–71

[Abortion induction in the 2d pregnancy trimester. Endocervical PGE2 gel administration, intramuscular sulprostone administration and combined (endocervical PGE2 gel/intramuscular sulprostone) treatment] Schmidt W, et al. **Geburtshilfe Frauenheilkd** 1985 Apr;45(4):261–4 (Eng. Abstr.) **(Ger)**

[Effects of hypotensive anesthesia by prostaglandin E1 on cerebral blood flow and metabolism] Matsumae T, et al. **Masui** 1984 Aug;33(8):832–6 (Eng. Abstr.) **(Jpn)**

ADMINISTRATION & DOSAGE

Induction of labor. A double–blind randomized controlled study of prostaglandin E2 vaginal suppositories compared with intranasal oxytocin and with sequential treatment. Andreasson B, et al. **Acta Obstet Gynecol Scand** 1985; 64(2):157–61

Hemodynamic changes during intraarterial administration of prostaglandin E1 in healthy subjects. Brecht T, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:355–7

Hydroxyethylcellulose gel as a dinoprostone vehicle [letter] Gauger LJ. **Am J Hosp Pharm** 1984 Sep;41(9):1761–2

The effect of vaginal administration of various doses of prostaglandin E2 gel on cervical ripening and induction of labor. Graves GR, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):178–81

Cervical ripening with intracervical prostaglandin–E2 gel. I. Clinical results and effect on plasma levels of oxytocin and 13,14–dihydro,15–ketoprostaglandin–F2 alpha. Fuchs AR, et al. **Am J Perinatol** 1983 Oct;1(1):64–9

Prostaglandin E1 in suspected ductus dependent cardiac malformation. Hallidie–Smith KA. **Arch Dis Child** 1984 Nov;59(11):1020–6

Topical prostaglandin E2 in the treatment of acute upper gastrointestinal tract hemorrhage. A prospective, randomized, double–blind study. Levine BA, et al. **Arch Surg** 1985 May;120(5):600–4

The use of 16,16–dimethyl–trans delta 2 prostaglandin E1 methyl ester (gemeprost) vaginal pessaries for the termination of pregnancy in the early second trimester. A comparison with extra–amniotic prostaglandin E2. Cameron IT, et al. **Br J Obstet Gynaecol** 1984 Nov; 91(11):1136–40

A comparison of prostaglandin E2 pessaries and laminaria tents for ripening the cervix before termination of pregnancy. Killick SR, et al. **Br J Obstet Gynaecol** 1985 May;92(5):518–21

The influence of spontaneous and induced labour on the rise in prostaglandins at amniotomy. Sellers SM, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):849–52

Inducing labour with vaginally administered prostaglandin E2. Neale R. **Can Med Assoc J** 1984 Oct 15;131(8):907–8

Intracervical administration of prostaglandin E2 prior to vacuum aspiration. A prospective double–blind randomized study. Iversen T, et al. **Int J Gynaecol Obstet** 1985 Apr; 23(2):95–9

Cervical ripening and labor induction with intracervical triacetin base prostaglandin E2 gel: a placebo–controlled study. Nimrod C, et al. **Obstet Gynecol** 1984 Oct; 64(4):476–9

Plasma levels of 13,14–dihydro–15–keto PGE2 after vaginal application of a new PGE2 film. Prasad RN, et al. **Prostaglandins** 1985 Feb;29(2):269–72

[Resorption of prostaglandin E2 following various methods of local administration for ripening of the cervix and end the induction of labor] Reichel R, et al. **Wien Klin Wochenschr** 1985 May 24;97(11):500–3 (Eng. Abstr.) **(Ger)**

[Local application of prostaglandin E2 for cervical maturation] Orlandi C, et al. **Ann Ostet Ginecol Med Perinat** 1984 Sep–Oct; 105(5):308–12 (Eng. Abstr.) **(Ita)**

[Prostaglandins in the induction of labor] Bresadola M, et al. **Minerva Ginecol** 1985 Jan–Feb;37(1–2):1–6 (Eng. Abstr.) **(Ita)**

[Intra–arterial infusion chemotherapy for non–resectable pancreatic cancer using angiotensin–II and prostaglandin–E1] Ishikawa O, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):235–44 (Eng. Abstr.) **(Jpn)**

[Intra–aortic PGE1 infusion combined with anti–malignant chemotherapy in the treatment of advanced neuroblastoma] Munakata H, et al. **Gan To Kagaku Ryoho** 1985 Aug; 12(8):1690–3 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Uterine rupture with the use of vaginal prostaglandin E2 for induction of labor. Claman P, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):889–90

Uterine rupture and labor induction with prostaglandin [letter] Thiery M. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):914

Retinal hemorrhages in the newborn following labor induced by oxytocin or dinoprostone. Schoenfeld A, et al. **Arch Ophthalmol** 1985 Jul;103(7):932–4

Fetal death following extra–amniotic prostaglandin gel. Report of two cases [letter] Thiery M. **Br J Obstet Gynaecol** 1985 Apr;92(4):427–8

Increased sweat chloride levels associated with prostaglandin E1 infusion. Silverman BL, et al. **J Pediatr** 1985 Jun; 106(6):953–4

Sudden collapse after intra–amniotic prostaglandin E2 injection [letter] Cameron IT, et al. **Lancet** 1984 Nov 3; 2(8410):1046–7

Bone changes from prostaglandin therapy. Poznanski AK, et al. **Skeletal Radiol** 1985;1 (1):20–5

[Skeletal side effects of treatment with prostaglandin E1] Persigehl M, et al. **ROFO** 1984 Oct;141(4):427–30 (Eng. Abstr.) **(Ger)**

ANALYSIS

Etiology of infertility in monkeys with endometriosis: measurement of peritoneal fluid prostaglandins. Schenken RS, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):349–53

Immunobiology of the Dunning R–3327 rat prostate adenocarcinoma sublines: plasma and tumor effusion prostaglandins. Shaw MW, et al. **Am J Reprod Immunol Microbiol** 1985 Jul;8(3):77–9

Prostaglandins and thromboxanes in the bronchoalveolar lavage fluid: possible immunoregulation in sarcoidosis. Baughman RP, et al. **Am Rev Respir Dis** 1984 Nov;

130(5):933-6

Improving the aqueous stability of prostaglandin E2 and prostaglandin A2 by inclusion complexation with methylated-beta-cyclodextrins. Hirayama F, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):4237-40

Influence of betamethasone on the composition of inflammatory exudate in the horse: a preliminary report. Lees P, et al. **Equine Vet J** 1984 Nov;16(6):539-41

High-performance liquid chromatographic assay for prostaglandin E1 in various ointment vehicles. Separation and stability testing. Yamamura K, et al. **J Chromatogr** 1984 Oct 26;303(1):165-72

Effect of indomethacin in vivo on prostaglandin content of several rabbit tissues. Jones MA, et al. **Prostaglandins** 1984 Jul;28(1):111-8

Menstrual-PGF2 alpha, PGE2 and TXA2 in normal and dysmenorrheic women and their temporal relationship to dysmenorrhea. Powell AM, et al. **Prostaglandins** 1985 Feb; 29(2):273-90

Isolation and identification of two isomeric trihydroxy octadecenoic acids with prostaglandin E-like activity from onion bulbs (Allium cepa). Ustünes L, et al. **Prostaglandins** 1985 May;29(5):847-65

Comparative study of antiinflammatory drugs and sulphasalazine in relation to prostaglandin E and 19 hydroxylated prostaglandin E levels and human male fertility. Freixa R, et al. **Prostaglandins Leukotrienes Med** 1984 Dec;16(3):359-69

Prostaglandin E2 and F2 alpha contents of broncho-alveolar lavage fluids from normal subjects and patients with diffuse interstitial pulmonary disease. Ogushi F, et al. **Tokushima J Exp Med** 1984 Jun;31(1-2):13-20

[Gastric acid secretion, prostaglandin E concentration and DNA synthesis in the gastric mucosa in burned rats] Wu YP. **Chung Hua Wai Ko Tsa Chih** 1984 Aug;22(8):464-7, 510 (Eng. Abstr.) **(Chi)**

[Effects of colloidal bismuth subcitrate and aluminum hydroxide on gastric and duodenal levels of prostaglandin E2] Estela R, et al. **Rev Med Chil** 1984 Oct;112(10):975-81 (Eng. Abstr.) **(Spa)**

ANTAGONISTS & INHIBITORS

Perfusion of vasopressin within the rat brain suppresses prostaglandin E-hyperthermia. Ruwe WD, et al. **Brain Res** 1985 Jul 15;338(2):219-24

Tricyclic antidepressants antagonize prostaglandin (PG) E2-induced contractions of the guinea pig ileum and hypomotility in the mouse. Tayo FM. **Experientia** 1985 Apr 15;41(4):474-6

Inhibitory effect of gabexate mesilate on pancreatic phospholipase A2-mediated hydrolysis of ghost membranes. Nishijima J, et al. **Gen Pharmacol** 1985; 16(3):177-82

Effects of cortisone with and without heparin on angiogenesis induced by prostaglandin E1 and by S180 cells, and on growth of murine transplantable tumours. Ziche M, et al. **Int J Cancer** 1985 Apr 15;35(4):549-52

Antagonistic effect of polyphloretin phosphate and di-4-phloretin phosphate on the contractile responses of guinea-pig gastric muscles to prostaglandin E2. Rakovska A, et al. **Methods Find Exp Clin Pharmacol** 1984 Dec; 6(12):747-50

d-Amphetamine antagonizes prostaglandin E1-induced hyperthermia and suppression of fixed interval operant behavior in rats. Nielsen JA, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):575-81

BIOSYNTHESIS

Specific receptors for epidermal growth factor in human bone tumour cells and its effect on synthesis of prostaglandin E2 by cultured osteosarcoma cell line. Hirata Y, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):125-30

The phospholipase C diglyceride lipase pathway contributes to arachidonic acid release and prostaglandin E2 formation in platelet-derived growth factor stimulated Swiss 3T3 cells. Habenicht AJ, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:37-9

Lectins modulate prostaglandin E2 production by rat peritoneal macrophages. Ohuchi K, et al. **Agents Actions** 1984 Oct;15(3-4):419-23

Inhibition of fetal membrane prostaglandin production by prolactin: relative importance in the initiation of labor. Tyson JE, et al. **Am J Obstet Gynecol** 1985 Apr 15; 151(8):1032-8

Relation between cyclic adenosine monophosphate and prostaglandin output by dispersed cells from human amnion and decidua. Warrick C, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):66-71

Differential stimulation of PGE2 synthesis in mesangial cells by angiotensin and A23187. Schlondorff D, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):C119-26

Synthesis of prostaglandin E2 in different segments of isolated collecting tubules from adult and neonatal rabbits. Schlondorff D, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F134-44

Effects of angiotensin II on plasma ADH, prostaglandin synthesis, and water excretion in normal humans. Usberti M, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):F254-9

Cyclosporine and renal prostaglandin E2 production [letter] Stahl RA, et al. **Ann Intern Med** 1985 Sep;103(3):474

Prostaglandin (PG) E2 generation by cultured canine synovial fibroblasts exposed to microcrystals containing calcium. McCarty DJ, et al. **Ann Rheum Dis** 1985 May; 44(5):316-20

Enhancement by clofazimine and inhibition by dapsone of production of prostaglandin E2 by human polymorphonuclear leukocytes in vitro. Anderson R. **Antimicrob Agents Chemother** 1985 Feb;27(2):257-62

Identification of an unusual cyclooxygenase metabolite of arachidonic acid in rabbit renal medulla. Morrison AR, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):413-7

Comparative in vivo inhibitory effects of nonsteroidal anti-inflammatory agents on prostaglandin synthesis in rabbit ocular tissues. Kulkarni PS, et al. **Arch Ophthalmol** 1985 Jan;103(1):103-6

Substrain heterogeneity in prostaglandin E2 synthesis of human dermal fibroblasts. Differences in prostaglandin E2 synthetic capacity of substrains are not stimulus-restricted. Korn JH. **Arthritis Rheum** 1985 Mar;28(3):315-22

Growth hormone-releasing factor (GRF) stimulates PGE2 production in rat anterior pituitary. Evidence for a PGE2 involvement in GRF-induced GH release. Fafeur V, et al. **Biochem Biophys Res Commun** 1985 Jan 31; 126(2):725-33

On the metabolism of epoxyeicosatrienoic acids by ram seminal vesicles: isolation of 5(6)epoxy-prostaglandin F1 alpha. Oliw EH, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1090-6

Activation of phospholipase C and prostaglandin synthesis by [arginine]vasopressin in cultures. Pfeilschifter J, et al. **Biochem J** 1984 Nov 1;223(3):855-9

Effect of phosphodiesterase inhibitors on bradykinin-mediated prostaglandin E2 and cyclic AMP synthesis in renal papillary collecting tubule cells. Spry LA, et al. **Biochem Pharmacol** 1985 May 1;34(9):1565-9

A mouse tumor-derived osteolytic factor stimulates bone resorption by a mechanism involving local prostaglandins production in bone. Lau KH, et al. **Biochim Biophys Acta** 1985 May 29;840(1):56-68

Stimulation of prostaglandin E2 production by 12-O-tetradecanoylphorbol 13-acetate (TPA)-type and non-TPA-type tumor promoters in macrophages and its inhibition by cycloheximide. Ohuchi K, et al. **Biochim Biophys Acta** 1985 Mar 27;834(1):42-7

Biosynthesis of 5,6-dihydroxyprostaglandin E1 and F1 alpha from 5,6-dihydroxyeicosatrienoic acid by ram seminal vesicles. Oliw EH. **Biochim Biophys Acta** 1984 Sep 12; 795(2):384-91

9-Hydroxyprostaglandin dehydrogenase in rat kidney cortex converts prostaglandin I2 into 15-keto-13,14-dihydro 6-ketoprostaglandin E1. Pace-Asciak CR, et al. **Biochim Biophys Acta** 1984 Nov 14;796(2):129-35

Chronobiologic and metabolic characterization of rats fed low or high linoleic acid diets. Balschun D, et al. **Biomed Biochim Acta** 1984;43(8-9):S231-4

Mechanism of action of angiotensin II and bradykinin on prostaglandin synthesis and vascular tone in the isolated rat kidney. Effect of Ca++ antagonists and calmodulin inhibitors. Cooper CL, et al. **Circ Res** 1985 Jan;56(1):97-108

IgE induces secretion of prostaglandin E2 by human monocytes. Passwell JH, et al. **Clin Exp Immunol** 1984 Dec; 58(3):566-72

Modulation of macrophage suppressive activity and prostaglandin release by lymphokines and interferon: comparison of alveolar, pleural and peritoneal macrophages. Sestini P, et al. **Clin Exp Immunol** 1984 Dec; 58(3):573-80

Mononuclear cell-conditioned medium containing mononuclear cell factor (MCF), homologous with interleukin 1, stimulates collagen and fibronectin synthesis by adherent rheumatoid synovial cells: effects of prostaglandin E2 and indomethacin. Krane SM, et al. **Coll Relat Res** 1985 Mar;5(2):99-117

Comparison of the effects of calcium alpha-glycerophosphate and Ca2+ on prostaglandin synthesis in rabbit kidney medulla slices. Fujita T, et al. **Comp Biochem Physiol [C]** 1985;80(1):141-3

Phagocytosis, bactericidal capacity, and PGE2 production of monocytes in systemic lupus erythematosus and rheumatoid arthritis. Cruchaud A, et al. **Diagn Immunol** 1984;2(4):203-12

Effect of oral ibuprofen on formation of prostaglandins E and F by human gallbladder muscle and mucosa. Kaminski DL, et al. **Dig Dis Sci** 1985 Oct;30(10):933-40

Relationship between rectal mucosal prostaglandin production and water and electrolyte transport in ulcerative colitis. Rampton DS, et al. **Digestion** 1984; 30(1):13-22

Estradiol stimulates rat renopapillary prostaglandin E2 (PGE2), but not PGF2 alpha biosynthesis. Katayama S, et al. **Endocrinology** 1985 Aug;117(2):656-61

Stimulation of cyclic adenosine 3',5'-monophosphate production enhances hypothalamic luteinizing hormone-releasing hormone release without increasing prostaglandin E2 synthesis: studies in prepubertal female rats. Ojeda SR, et al. **Endocrinology** 1985 Sep;117(3):1175-8

Human monocyte heterogeneity: interleukin 1 and prostaglandin E2 production by separate subsets. Khansari N, et al. **Eur J Immunol** 1985 Jan;15(1):48-51

Endotoxin-induced ocular inflammation increases prostaglandin E2 synthesis by rabbit lens. Fleisher LN, et al. **Exp Eye Res** 1985 May;40(5):711-9

Schistosoma mansoni: eicosanoid production by cercariae. Fusco AC, et al. **Exp Parasitol** 1985 Feb;59(1):44-50

Effects of prostaglandin synthesis inhibitors on the renin-angiotensin system and renal function. Izumi Y, et al. **Hypertension** 1985 Sep-Oct;7(5):791-6

Structural correlations of phorbol-ester-induced stimulation of PGE2 production by human rheumatoid synovial cells. Edwards MC, et al. **Inflammation** 1985 Mar;9(1):33-8

Modulation by drugs of leukotriene and prostaglandin production from mouse peritoneal macrophages. Brune K, et al. **Int J Tissue React** 1985;7(2):97-103

Vitamin C and immunity: influence of ascorbate on prostaglandin E2 synthesis and implications for natural killer cell activity. Siegel BV, et al. **Int J Vitam Nutr Res** 1984;54(4):339-42

Prostaglandin biosynthesis in the rat lens. Keeting PE, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1083-6

Induction of prostanoid synthesis in human platelets by the late complement components C5b-9 and channel forming antibiotic nystatin: inhibition of the reacylation of liberated arachidonic acid. Hänsch GM, et al. **J Immunol** 1985 Aug; 135(2):1320-4

Phospholipid methylation in the calcium-dependent release of arachidonate for prostaglandin synthesis in renal medulla. Craven PA, et al. **J Lab Clin Med** 1984 Oct; 104(4):480-93

Stimulation of PGE2 synthesis and water and electrolyte secretion by senna anthraquinones is inhibited by indomethacin. Beubler E, et al. **J Pharm Pharmacol** 1985 Apr;37(4):248-51

Indomethacin, prostaglandin E2 and transmission at the frog neuromuscular junction. Madden KS, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):305-14

Lichen myxedematosus (scleromyxedema) serum stimulates hyaluronic acid and prostaglandin E production by human fibroblasts. Yaron M, et al. **J Rheumatol** 1985 Feb; 12(1):171-5

Inhibition of prostaglandin E synthesis by steroidal and nonsteroidal antiinflammatory drugs in human synovial fibroblast cultures. Yaron M, et al. **J Rheumatol** 1984 Aug; 11(4):488-92

Prostanoid production by lipopolysaccharide-stimulated Kupffer cells. Bowers GJ, et al. **J Surg Res** 1985 May; 38(5):501-8

Prostaglandin E2 production by EL 4 leukemia cells from C57BL/6 mice: mechanism for tumor dissemination. Mahan M, et al. **JNCI** 1985 Jan;74(1):191-5

Angiotensin II stimulation of prostaglandin E2 and 6-keto-F1 alpha formation by isolated human glomeruli. Stahl RA, et al. **Kidney Int** 1984 Jul;26(1):30-4

Deficient immunity in head and neck cancer due to excessive monocyte production of prostaglandins. Berlinger NT. **Laryngoscope** 1984 Nov;94(11 Pt 1):1407-10

Moderate changes in linoleate intake do not influence the systemic production of E prostaglandins. Ferretti A, et al. **Lipids** 1985 May;20(5):268-72

Breakdown of P.G.E. 1 synthesis is responsible for the acquired immunodeficiency syndrome. Marcus SG. **Med Hypotheses** 1984 Sep;15(1):39-46

Ethanol-induced water diuresis is not prostaglandin dependent. Zawada ET, et al. **Nephron** 1985;40(2):149-51

Metabolism of arachidonic acid and prostaglandins in the Torpedo electric organ: modulation by the presynaptic muscarinic acetylcholine receptor. Pinchasi I, et al. **Neuroscience** 1984 Dec;13(4):1359-64

Synthesis of prostaglandin E2 and F2 alpha in human tonsillar lymphocytes. Morimoto K, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(1):26-31

Pharmacological influence of saikosaponins on prostaglandin E2 production by peritoneal macrophages. Ohuchi K, et al. **Planta Med** 1985 Jun;(3):208-12

Identification of C3b as the major serum protein that stimulates prostaglandin and thromboxane synthesis by macrophages. Hsueh W, et al. **Prostaglandins** 1984 Dec; 28(6):889-904

The macrophage adherence phenomenon: its relationship to prostaglandin E2 and superoxide anion production and changes in transmembrane potential. Kunkel SL, et al. **Prostaglandins** 1983 Dec;26(6):893-904

Inhibitory effects of dispersed human amnion cells on production rates of prostaglandin E and F by endometrial cells. Manzai M, et al. **Prostaglandins** 1984 Sep; 28(3):297-307

Distinctive effect of angiotensin II on prostaglandin production in dog renal and femoral arteries. Satoh H, et al. **Prostaglandins** 1984 Jun;27(6):807-20

The effects of alpha 1-adrenergic and muscarinic cholinergic stimulation on prostaglandin release by rabbit iris. Yousufzai SY, et al. **Prostaglandins** 1984 Sep;28(3):399-415

On the synthesis of prostaglandins E1, E2 and E2 alpha by sow oviducts. Differential modulation of 1 and 2 series of prostaglandins by norepinephrine. Gimeno MF, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):61-70

Evaluation of the role of prostaglandins E and F in human cholecystitis. Kaminski DL, et al. **Prostaglandins Leukotrienes Med** 1984 Oct;16(1):109-20

Influence of dietary vitamin E and selenium on the ex-vivo synthesis of prostaglandin E2 in brain regions of young and old rats. Meydani M, et al. **Prostaglandins Leukotrienes Med** 1985 Jun;18(3):337-46

Stimulation of prostaglandin E2 synthesis in human amnion cells maintained in monolayer culture by a substance(s) in amniotic fluid. Mitchell MD, et al. **Prostaglandins Leukotrienes Med** 1984 Sep;15(3):399–407

A difference in prostaglandin E2 synthesis between cancer cells metastasizing into liver and kidney. Nakazawa I, et al. **Prostaglandins Leukotrienes Med** 1985 Feb;17(2):265–6

Flunixin inhibits prostaglandin E2 production in equine inflammation. Lees P, et al. **Res Vet Sci** 1984 Nov; 37(3):347–9

Peripheral blood mononuclear cells stimulate prostacyclin levels of human synovial-fibroblast-like cells. Hamilton JA, et al. **Rheumatol Int** 1985;5(3):121–5

Enhanced production of prostaglandins and plasminogen activator during activation of human articular chondrocytes by products of mononuclear cells. Meats JE, et al. **Rheumatol Int** 1984;4(4):143–9

Prostaglandin E2 production by human bone marrow cells: a comparison with peripheral blood mononuclear cells. Nakayama Y, et al. **Tohoku J Exp Med** 1984 Dec; 144(4):417–23

Effect of cyclosporine on the generation of prostanoids by cultured peripheral lymphocytes. Schultze G, et al. **Transplant Proc** 1984 Oct;16(5):1214–7

Characteristics of cyclosporine induction of increased prostaglandin levels from human peripheral blood monocytes. Whisler RL, et al. **Transplantation** 1984 Oct; 38(4):377–81

Effect of protein synthesis inhibitors on leukocytic pyrogen-induced in vitro hypothalamic prostaglandin production. Bernheim HA, et al. **Yale J Biol Med** 1985 Mar–Apr;58(2):179–87

[Comparative study of pinocytosis and the production of prostaglandin E2 by hepatic and peritoneal resident macrophages in mice] Mavier P, et al. **Gastroenterol Clin Biol** 1985 Jun–Jul;9(6–7):508–15 (Eng. Abstr.) **(Fre)**

[Prostaglandin E2 production by mononuclear cells of peripheral and marrow blood of patients with malignant lymphoma] Nakayama Y, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 May;48(3):802–10 (Eng. Abstr.) **(Jpn)**

[Cerebral vasospasm and prostaglandins] Ohmoto T. **No Shinkei Geka** 1984 Dec;12(13):1453–64 (65 ref.) **(Jpn)**

BLOOD

Involvement of endogenous prostaglandins in salt-induced hypertension. Ogihara T, et al. **Acta Endocrinol (Copenh)** 1985 Jan;108(1):114–8

Measurement of urine prostaglandin E2 as a predictor of acute renal transplant rejection: preliminary findings. Thompson D, et al. **Ann Clin Biochem** 1985 Mar;22 (Pt 2):161–5

Enhanced prostanoid release from monocytes of patients with rheumatoid arthritis and active systemic lupus erythematosus. Seitz M, et al. **Ann Rheum Dis** 1985 Jul; 44(7):438–45

Differences in human plasma oxytocin, prostaglandin E1, E2 and F2 alpha levels between spontaneous and amniotomy-induced labors. Nagata I, et al. **Asia Oceania J Obstet Gynaecol** 1984 Dec;10(4):513–20

Lactoferrin (LF), prostaglandin E (PGE) and neutrophils in children with sickle cell disease (SCD) [letter] Carpentieri U, et al. **Blut** 1985 Jan;50(1):57–8

Maternal plasma prostaglandin E2 metabolite levels during human pregnancy and parturition. Brennecke SP, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):345–9

Prostaglandin E2 metabolite levels during diabetic ketoacidosis. McRae JR, et al. **Diabetes** 1985 Aug; 34(8):761–6

Prostaglandin E2, renin and angiotensin II in renovascular hypertension. Kuylenstierna J, et al. **J Hypertens** 1984 Aug; 2(4):397–403

Comment on importance of renal prostaglandins in control of renal function after chronic ligation of the common bile duct in dogs [letter] Sanford RL, et al. **J Lab Clin Med** 1984 Dec;104(6):1036–8

The relationship between 'zheng-syndromes' in traditional Chinese medicine and prostaglandins. Oshima Y, et al. **J Tradit Chin Med** 1985 Mar;5(1):31–40

Elevated prostaglandin and indomethacin-responsive hypercalcemia in a patient with malignant pheochromocytoma. Uchida T, et al. **J Urol** 1985 Oct; 134(4):712–3

Cervical ripening and plasma prostaglandin levels. Comparison of endocervical and extra-amniotic PGE2. Fuchs AR, et al. **Prostaglandins** 1984 Aug;28(2):217–27

Plasma concentration of 13,14-dihydro-15-keto-PGE2 (PGEM) after various ways of cervix ripening with PGE2. Husslein P, et al. **Prostaglandins** 1984 Aug;28(2):209–15

Plasma levels of 13,14-dihydro-15-keto PGE2 after vaginal application of a new PGE2 film. Prasad RN, et al. **Prostaglandins** 1985 Feb;29(2):269–72

Prostaglandins and thromboxane outflow from the perfused mesenteric vascular bed in spontaneously hypertensive rats. Soma M, et al. **Prostaglandins** 1985 Feb;29(2):323–33

Effect of propranolol, practolol and atenolol on human platelet thromboxane formation and plasma levels of prostaglandins 6-keto-F1 alpha and E2. Brandt R, et al. **Prostaglandins Leukotrienes Med** 1984 Nov;16(2):191–203

Prostaglandin E2 and the renin-angiotensin system in primary aldosteronism and Cushing's syndrome. Kuylenstierna J, et al. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):387–95

Generation of prostaglandin E2-like radioimmunoreactive material in human plasma during storage at -20 C but not at -80 C. Vierhapper H, et al. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):113–7

[Plasma renin activity and prostaglandin E2 in hypotension induced by sodium nitroprusside] Blanloeil Y, et al. **Ann Fr Anesth Reanim** 1985;4(1):9–13 (Eng. Abstr.) **(Fre)**

[Plasma renin activity and prostaglandin E2 in hypotension induced by nicergoline] Pinaud M, et al. **Ann Fr Anesth Reanim** 1985;4(3):258–63 (Eng. Abstr.) **(Fre)**

[Premature membrane rupture: effect of intracervical PGE2 gel administration on plasma oxytocin, PGFM and PGEM levels in mother and child] Goeschen K, et al. **Geburtshilfe Frauenheilkd** 1984 Dec;44(12):772–6 (Eng. Abstr.) **(Ger)**

[Plasma prostaglandin E2 and F2 alpha levels in patients with mucocutaneous lymph node syndrome (Kawasaki disease) and anaphylactoid purpura] Lee T. **Arerugi** 1985 Mar; 34(3):147–54 (Eng. Abstr.) **(Jpn)**

[Experimental study of renal hemodynamic response and renal venous PRA and PGE during acute elevation of unilateral renal pelvic pressure] Sakamoto F. **Nippon Hinyokika Gakkai Zasshi** 1985 Feb;76(2):219–30 (Eng. Abstr.) **(Jpn)**

[Effect of psychological stress on the activity of the sympathetic-adrenal system and blood levels of PGE2, PGF2 alpha and 6-keto-PGF1 alpha in patients with primary arterial hypertension] Wocial B, et al. **Pol Arch Med Wewn** 1984 Oct;72(4):175–81 (Eng. Abstr.) **(Pol)**

DEFICIENCY

[Trial of onager oil in the treatment of schizophrenia in connection with the prostaglandin deficiency hypothesis] Bourguignon A, et al. **Encephale** 1984;10(5):241–4 (Eng. Abstr.) **(Fre)**

DIAGNOSTIC USE

Effects of salicylate, tolbutamide, and prostaglandin E2 on insulin responses to glucose in noninsulin-dependent diabetes mellitus. Giugliano D, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):160–6

Oral PGE2 inhibits gastric acid secretion in man. Befrits R, et al. **Prostaglandins** 1985 Jan;29(1):143–52

IMMUNOLOGY

Prostaglandins and cyclic nucleotides as effectors in non-lymphocyte mediated surveillance processes (short review). Mastacchi R, et al. **Anticancer Res** 1985 Mar–Apr; 5(2):167–70

Rat monoclonal antibody specific for prostaglandin E structure. Tanaka T, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):125–33

Effects of prostaglandin E2 on responses of T-cell subsets to mitogen and autologous non-T-cell stimulation. Honda M, et al. **Clin Immunol Immunopathol** 1984 Oct; 33(1):111–22

Monoclonal antibodies against E- and F-type prostaglandins. High specificity and sensitivity in conventional radioimmunoassays. Brune K, et al. **FEBS Lett** 1985 Jul 1;186(1):46–50

T-cell recruitment regulated by prostaglandin-mediated system and its role in immune response. Koga Y, et al. **Immunobiology** 1984 May;166(4–5):382–96

Nutrition and immunity: the immunoregulatory effect of n-6 essential fatty acids is mediated through prostaglandin E. Mertin J, et al. **Int Arch Allergy Appl Immunol** 1985; 77(4):390–5

Characterization of monoclonal antibodies against prostaglandin E2: fine specificity and neutralization of biological effects. David F, et al. **Mol Immunol** 1985 Mar; 22(3):339–46

ISOLATION & PURIFICATION

Automated extraction and HPLC resolution of lipoxygenase and cyclooxygenase products utilizing high pressure column switching. Pickett WC, et al. **Prostaglandins** 1985 Jan;29(1):83–90

[Effect of the chromatographic purification method on the isolation of prostaglandins E and F from a natural lipid mixture and their stability] Bragintseva LM, et al. **Farmakol Toksikol** 1985 Jan–Feb;48(1):51–4 (Eng. Abstr.) **(Rus)**

METABOLISM

A study of the synthesis and inactivation of prostaglandin E by pig nasal mucosa. Bedwani JR, et al. **Acta Otolaryngol (Stockh)** 1984 Sep–Oct;98(3–4):308–14

Carbon monoxide is not responsible for the cigarette smoke-induced changes in the pulmonary metabolism of arachidonic acid and prostaglandin E2. Männistö J, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Mar;56(3):265–8

Relationship between zinc and prostaglandin metabolisms in plasma and small intestine of rats. Song MK, et al. **Am J Clin Nutr** 1985 Jun;41(6):1201–9

Bradykinin stimulates Cl secretion and prostaglandin E2 release by canine tracheal epithelium. Leikauf GD, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F48–55

Effects of alpha-agonist on renin and prostaglandin E2 release in anesthetized dogs. Takahashi K, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E604–8

Regioselectivity of hydroxylation of prostaglandins by liver microsomes supported by NADPH versus H2O2 in methylcholanthrene-treated and control rats: formation of novel prostaglandin metabolites. Holm KA, et al. **Arch Biochem Biophys** 1985 Mar;237(2):477–89

Ca overload and the action of calcium sensitive proteases, phospholipases and prostaglandin E2 in myocardial cell degradation. Toyo-oka T, et al. **Basic Res Cardiol** 1985 May–Jun;80(3):303–15

Selective effects of gold (III) on parathyroid hormone-, prostaglandin E2- and guanine nucleotide-sensitive adenylate cyclase. van Valen F, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):580–7

Metabolism of prostaglandin E analogs in the guinea pig liver mitochondrial fraction. Steffenrud S. **Biochem Med** 1984 Oct;32(2):161–80

Age-dependent changes in the synthesis and catabolism of 6 oxo PGE1 and other prostanoids by the rat kidney in vitro. Griffiths RJ, et al. **Biochem Pharmacol** 1985 Jan 15; 34(2):223–8

Prostaglandin E2 transport in rabbit renal basolateral membrane vesicles. Boumendil-Podevin EF, et al. **Biochim Biophys Acta** 1985 Jan 10;812(1):91–7

Binding of prostaglandin E1 to human erythrocyte membrane. Dutta-Roy AK, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):671–8

Kinetics of prostaglandin E metabolism in isolated hepatocytes. Garrity MJ, et al. **Biochim Biophys Acta** 1984 Nov 14;796(2):136–41

Subcellular localization of prostaglandin E2 binding sites in bovine adrenal medulla. Karaplis AC, et al. **Biochim Biophys Acta** 1984 Sep 28;801(2):189–96

Inhibitors of protein synthesis, puromycin and emetine, inhibit prostaglandin E2 release by skeletal muscle. Turinsky J. **Biochim Biophys Acta** 1985 May 29; 840(1):134–6

Prostaglandin E2 and muscle protein turnover in Pseudomonas aeruginosa sepsis. Turinsky J, et al. **Biochim Biophys Acta** 1985 May 29;840(1):137–40

Interaction of prostaglandins with phospholipid vesicles, serum lipoproteins and erythrocytes. Bergelson LD, et al. **Biomed Biochim Acta** 1984;43(8–9):S121–4

Role of the lung in metabolism of prostaglandin E during severe hemorrhagic shock in the dog. Blasingham MC, et al. **Circ Shock** 1985;15(3):175–84

Prostaglandin E2 synthesis by human primary and metastatic bone tumors in culture. Gebhardt MC, et al. **Clin Orthop** 1985 Jun;(196):300–5

Characterization of prostaglandin E2 binding to isolated human adipocytes. Day RP, et al. **Diabetes** 1985 Feb; 34(2):161–5

Induction of human interleukin 1 mRNA measured by collagenase- and prostaglandin E2-stimulating activity in rheumatoid synovial cells. Dayer JM, et al. **Eur J Immunol** 1984 Oct;14(10):898–901

Effect of thymulin on intracellular cyclic nucleotides and prostaglandins E2 in peanut agglutinin-fractionated thymocytes. Rinaldi-Garaci C, et al. **Eur J Immunol** 1985 Jun;15(6):548–52

Prostaglandin E2-like activity of 20:3n-9 platelet lipoxygenase end-product. Lagarde M, et al. **FEBS Lett** 1985 Feb 11;181(1):53–6

Effects of sulphasalazine and disodium azodisalicylate on colonic PGE2 concentrations determined by equilibrium in vivo dialysis of faeces in patients with ulcerative colitis and healthy controls. Lauritsen K, et al. **Gut** 1984 Nov; 25(11):1271–8

Prostaglandins are not mediators of the intestinal response to cholera toxin. Smith GS, et al. **Gut** 1985 Jul;26(7):680–2

Increased jejunal prostaglandin E2 concentrations in patients with acute cholera. Speelman P, et al. **Gut** 1985 Feb; 26(2):188–93

Prostaglandin and thromboxane production in ovarian cancer tissue. Heinonen PK, et al. **Gynecol Obstet Invest** 1984; 18(5):225–9

Hypertension in experimental diabetes mellitus. Renin-prostaglandin interaction. Katayama S, et al. **Hypertension** 1985 Jul–Aug;7(4):554–61

Prostaglandins E & F levels in mice infected with Giardia lamblia. Ganguly NK, et al. **Indian J Med Res** 1984 Jun; 79:755–9

Studies on the effects of ingestion of a single 500 mg oral dose of erythromycin stearate on leucocyte motility and transformation and on release in vitro of prostaglandin E2 by stimulated leucocytes. Anderson R, et al. **J Antimicrob Chemother** 1984 Jul;14(1):41–50

Degradation of prostaglandin E2 in a primary culture of adult rat hepatocytes. Okumura T, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):429–36

Isolation by ion-exchange high performance liquid chromatography of rabbit liver cytochrome P-450 with regioselectivity for omega-hydroxylation of prostaglandins. Holm KA, et al. **J Biol Chem** 1985 Feb 25;260(4):2027–30

[3H]Prostaglandin accumulation in vitro by baboon uterus. Jones MA, et al. **J Endocrinol** 1985 Jul;106(1):49–53

Prostaglandin-sensitive adenylate cyclase of a murine macrophage-like cell line (P388D1): II. Isolation and partial characterization of PGE2-binding proteins. Fernandez-Botran R, et al. **J Immunol** 1984 Nov; 133(5):2662-7

Separation of a population of human T lymphocytes that bind prostaglandin E2 and exert a suppressor activity. Fischer A, et al. **J Immunol** 1985 Feb;134(2):815-9

Physical model approach to gastrointestinal absorption of prostaglandins III: In situ rat intestinal absorption of dinoprostone. Rogers JD, et al. **J Pharm Sci** 1984 Nov; 73(11):1594-9

Relationship between endogenous prostaglandin E and the vasoconstrictor response to noradrenaline in a perfused arterial segment. Michibayashi T. **Jpn J Pharmacol** 1984 Jul;35(3):259-64

Quinacrine antagonizes the effects of Na,K-ATPase inhibitors on renal prostaglandin E2 release but not their effects on renin secretion. Churchill PC, et al. **Life Sci** 1985 Jan 21;36(3):277-82

A quantitative electron microscope autoradiographic study on [3H]prostaglandin E1 and F2 alpha internalization in bovine luteal slices. Chegini N, et al.
Mol Cell Endocrinol 1984 Dec;38(2-3):117-29

Effect of carrageenin-induced pedal edema on rat brain prostaglandins. Bhattacharya SK, et al.
Neurochem Pathol 1984 Fall;2(3):163-9

Release of prostaglandin E2 from the hypothalamus depends on extracellular Ca2+ availability: relation to LHRH release. Ojeda SR, et al. **Neuroendocrinology** 1984 Nov; 39(5):442-7

Carbenoxolone and prostaglandin E2 and F2 alpha gastric juice levels in man. Minuz P, et al.
Pharmacol Res Commun 1984 Sep;16(9):875-84

Estradiol -17-beta enhances the formation of (3H)-PGF2 alpha from (3H)-PGE2 in the uterus isolated from ovariectomized rats. Franchi AM, et al. **Prostaglandins** 1985 May;29(5):773-83

Further evidence for lack of specific receptors for PGE2 in the rat ovary. Lattermann U, et al. **Prostaglandins** 1984 Jun;27(6):839-49

Prostaglandin F and E levels in the conceptus, uterus and plasma during early pregnancy in the ewe. Rawlings NC, et al. **Prostaglandins** 1985 Jun;29(6):933-51

Renal prostaglandin E2 and the renin-angiotensin system in hypertensive disorders in man. Kuylenstierna J, et al.
Prostaglandins Leukotrienes Med 1985 Apr;18(1):19-30

Enhancement of renal prostaglandin E2 and renin release by autoregulatory dilation of preglomerular vessels in dogs. Vikse A, et al. **Renal Physiol** 1985;8(3):169-78

Nicotine has no effect on the metabolism of exogenous arachidonic acid or prostaglandin E2 in isolated perfused rat and hamster lungs. Mänistö J, et al.
Res Commun Chem Pathol Pharmacol 1984 Nov; 46(2):259-63

Prostaglandin E2 receptors on human peripheral blood monocytes. Eriksen EF, et al. **Scand J Immunol** 1985 Feb; 21(2):167-72

Renal prostaglandin E in renoparenchymal hypertension. Hsieh BS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jul; 83(7):627-33

[Prostaglandins and glaucoma] Lu SR.
Chung Hua Yen Ko Tsa Chih 1984 Mar;20(2):94-6 **(Chi)**

[Prostaglandin E2 release from rabbit anterior uvea] Fujiwara H. **Nippon Ganka Gakkai Zasshi** 1985 May;89(5):715-9 (Eng. Abstr.) **(Jpn)**

[Prostaglandins in the rat gastric mucosa (10th report). Effect of beta-cyclodextrin clathrate of 2-benzyloxycarbonylphenyl trans-4-guanidinomethylcyclohexanecarboxylate hydrocholine (TA903) on mucosal prostaglandins] Arakawa T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Jul;81(7):1554-8 (Eng. Abstr.) **(Jpn)**

[Prostaglandin E2 binding by gastric mucosa cells in the rat] Deribas VI, et al. **Arkh Anat Gistol Embriol** 1984 Sep; 87(9):62-8 (Eng. Abstr.) **(Rus)**

[Biotransformation of prostaglandin E1, bradykinin and angiotensin I in pulmonary circulation in rats with spontaneous hypertension] Karpitskiĭ VV, et al.
Fiziol Zh 1985 Mar-Apr;31(2):227-30 **(Rus)**

[Prostaglandin metabolism in the liver of rats with different preferences for ethanol] Buko VU. **Vopr Med Khim** 1984; 30(6):61-4 (Eng. Abstr.) **(Rus)**

[Prostaglandin levels of the plasma and urine of hypertensive patients of different ages] Ena LM, et al. **Vrach Delo** 1985 Feb;(2):83-6 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Does cervical ripening with PGE2 affect subsequent uterine activity in labour? Fenton DW, et al.
Acta Obstet Gynecol Scand 1985;64(1):27-30

Effects of prostaglandin E2, prostaglandin F2 alpha and endotoxin on plasma calcium levels in the goat. Fredriksson G, et al. **Acta Vet Scand** 1984;25(3):378-84

Actions of prostaglandin E2 metabolites on skin microcirculation. Kingston WP, et al. **Agents Actions** 1985 Mar;16(1-2):13-4

Platelet sensitivity to antiaggregatory prostaglandins (PGE1,D2,I2) in patients with peripheral vascular disease. Fitscha P, et al. **Am J Hematol** 1985 May;19(1):13-9

The effect of prostaglandin E2 on the initial immune response to herpes simplex virus infection. Baker DA, et al.
Am J Obstet Gynecol 1985 Mar 1;151(5):586-90

Meclofenamate and prostaglandin E2 affect breathing movements independently of glucose concentrations in fetal sheep. Murai DT, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):758-64

PGE2, forskolin, and cholera toxin interactions in modulating NaCl transport in mouse mTALH. Culpepper RM, et al.
Am J Physiol 1984 Nov;247(5 Pt 2):F784-92

Contribution of prostaglandins to dopamine actions in the pancreas of anesthetized dogs. Iwatsuki K, et al.
Am J Physiol 1985 Jan;248(1 Pt 1):G110-7

Prostaglandins and fetal cardiac output distribution in the lamb. Sideris EB, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):H853-8

Effect of virus-induced destruction of villous epithelium on intestinal secretion induced by heat-stable Escherichia coli enterotoxins and prostaglandin E1 in swine. Whipp SC, et al. **Am J Vet Res** 1985 Mar;46(3):637-42

PGE2 stimulates both resorption and formation of bone in vitro: differential responses of the periosteum and the endosteum in fetal rat long bone cultures. Nefussi JR, et al. **Anat Rec** 1985 Jan;211(1):9-16

Inhibition of gonadotropin and prostaglandin stimulation of testicular steroidogenesis in malnourished rats. Nduka EU, et al. **Andrologia** 1984 Sep-Oct;16(5):406-9

Effect of three loop diuretics and prostaglandins E2 & I2 on the isolated perfused rat mesenteric vasculature. Foy JM, et al. **Arch Int Pharmacodyn Ther** 1985 Feb; 273(2):237-50

Mechanical and hormonal stimulation of cell cultures derived from young rat mandible condyle. Shimshoni Z, et al.
Arch Oral Biol 1984;29(10):827-31

Inhibition of gastric secretion in man by rioprostil, a new synthetic methyl prostaglandin E1. Demol P, et al.
Arzneimittelforschung 1985;35(5):861-3

Pharmacology of rioprostil, a new gastric cytoprotective/antisecretory agent. Shriver DA, et al.
Arzneimittelforschung 1985;35(5):839-43

Prostaglandin E1 inhibits DNA synthesis in arterial smooth muscle cells stimulated with platelet-derived growth factor. Nilsson J, et al. **Atherosclerosis** 1984 Oct;53(1):77-82

On the possible role of prostaglandin E2 in intestinal stasis in the gastric brooding frog Rheobatrachus silus. de la Lande IS, et al. **Aust J Exp Biol Med Sci** 1984 Jun;62 (Pt 3):317-23

Gastric emptying and intestinal transit in Bufo marinus and the actions of E prostaglandins. Taylor PM, et al.
Aust J Exp Biol Med Sci 1985 Apr;63 (Pt 2):223-30

Behavioral thermoregulation, core temperature, and motor activity: simultaneous quantitative assessment in rats after dopamine and prostaglandin E1. Marques PR, et al.
Behav Neurosci 1984 Oct;98(5):858-67

Prostaglandin E2 stimulates collagen and non-collagen protein synthesis and prolyl hydroxylase activity in osteoblastic clone MC3T3-E1 cells. Hakeda Y, et al.
Biochem Biophys Res Commun 1985 Jan 16;126(1):340-5

PGE1 not PGF2 alpha reverses the anti-actin antibody stimulation of protein phosphorylation and DNA synthesis in L cells. Shearer WT, et al.
Biochem Biophys Res Commun 1984 Oct 15;124(1):23-8

Characteristics of selective activation of cyclic AMP-dependent protein kinase isoenzymes by calcitonin and prostaglandin E2 in human breast cancer cells. Livesey SA, et al. **Biochem J** 1984 Dec 1;224(2):361-70

Effects of pertussis toxin on adenylate cyclase responses to prostaglandin E2 and calcitonin in human breast cancer cells. Michelangeli VP, et al. **Biochem J** 1984 Dec 1; 224(2):371-7

Stimulation of creatine kinase BB activity by parathyroid hormone and by prostaglandin E2 in cultured bone cells. Sömjen D, et al. **Biochem J** 1985 Feb 1;225(3):591-6

Prostaglandin E2 and 2-chloroadenosine act in concert to stimulate bone resorption in cultured murine calvarial bones. Lerner U, et al. **Biochem Pharmacol** 1985 Apr 1; 34(7):937-40

6-Keto-prostaglandin E1-sensitive adenylate cyclase and binding sites in membranes from platelets and cultured smooth muscle cells. Oliva D, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3755-8

The prostacyclin analogue iloprost and prostaglandin E1 suppress sterol synthesis in freshly isolated human mononuclear leukocytes. Krone W, et al.
Biochim Biophys Acta 1985 Jun 14;835(1):154-7

Influence of cholesterol and prostaglandin E1 on the molecular organization of phospholipids in the erythrocyte membrane. A fluorescent polarization study with lipid-specific probes. Manevich EM, et al.
Biochim Biophys Acta 1985 May 28;815(3):455-60

Human platelet adenylate cyclase: persistent binding of guanine nucleotide is central to the regulation of both hormone-stimulated and basal activities. Olson CV, et al.
Biochim Biophys Acta 1985 Jun 30;845(3):411-20

Effects of prostaglandin E2, indomethacin and adenosine deaminase on basal and insulin-stimulated glucose metabolism in human adipocytes. Richelsen B, et al.
Biochim Biophys Acta 1985 Mar 21;844(3):359-66

Effect of PGE2 on isolated renal artery from rabbit. Bredy-Dobreva G, et al. **Biomed Biochim Acta** 1984; 43(8-9):S307-10

Significance of sympathetic nervous system for the central antiarrhythmic effect of prostaglandin E2, F2 alpha and I2 on aconitine induced cardiac arrhythmias in rats. Mest HJ, et al. **Biomed Biochim Acta** 1984;43(8-9):S143-6

Interactions between brain angiotensin and prostaglandins in rats. Schölkens BA, et al. **Biomed Biochim Acta** 1984; 43(8-9):S203-7

Immunosubversive role of PGE2 in tumor bearing mice. Ippoliti F, et al. **Boll Ist Sieroter Milan** 1985;64(1):25-34

Effect of PGE2 and indomethacin on human fibroblast collagen production. Casini A, et al.
Boll Soc Ital Biol Sper 1984 Jun 30;60(6):1141-4

The effects of prostaglandin E2 in rapidly growing rats: depressed longitudinal and radial growth and increased metaphyseal hard tissue mass. Ueno K, et al. **Bone** 1985; 6(2):79-86

Development of mucous cells in mouse intrapulmonary airways induced by cholera toxin, dibutyryl cyclic AMP and prostaglandin E1. Nygren H, et al.
Br J Exp Pathol 1984 Oct;65(5):549-56

The effect of exogenous hormones on the resistance of the early pregnant human cervix. Anthony GS, et al.
Br J Obstet Gynaecol 1984 Dec;91(12):1249-53

Differential effects of prostaglandin E2 and cyclic AMP on release of arachidonic acid metabolites from resting and lipopolysaccharide-stimulated macrophages. Feuerstein N, et al. **Br J Pharmacol** 1984 Nov;83(3):759-62

Role of putative neurotransmitters in the central gastric antisecretory effect of prostaglandin E2 in rats. Puurunen J. **Br J Pharmacol** 1985 May;85(1):213-21

Prostaglandin E1 inhibits calcium-dependent potentials in mammalian sympathetic neurons. Mo N, et al.
Brain Res 1985 May 20;334(2):325-9

6-Keto-prostaglandin E1-stimulated bone resorption in organ culture. Dewhirst FE. **Calcif Tissue Int** 1984 Jul; 36(4):380-3

The effects of prostaglandin E2 in growing rats: increased metaphyseal hard tissue and cortico-endosteal bone formation. Jee WS, et al. **Calcif Tissue Int** 1985 Mar; 37(2):148-57

Effects of prostaglandins and luteinizing hormone-releasing hormone on phosphatidic acid-phosphatidylinositol labeling in rat granulosa cells. Minegishi T, et al.
Can J Physiol Pharmacol 1985 Apr;63(4):320-4

Effects of prostaglandin E2 on salicylate-induced damage to the rat gastric mucosa: cytoprotection is not associated with preservation of the gastric mucosal barrier. Morris GP, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1065-9

Prostaglandin E1 increases myocardial contractility in the conscious dog. Roux S, et al. **Can J Physiol Pharmacol** 1984 Dec;62(12):1505-10

Effect of prostaglandin E1 on fractional distribution of cardiac output and organ blood flow in man: a simultaneous and non-invasive determination using double dose thallium-201 scintigraphy. Adachi H, et al.
Cardiovasc Res 1984 Nov;18(11):657-62

Augmentation of cytotoxic responses by prostaglandin E2. Häcker-Shahin B, et al. **Cell Immunol** 1985 Mar;91(1):43-51

Inhibition of interleukin 2 production by prostaglandin E2 is not absolute but depends on the strength of the stimulating signal. Wolf M, et al. **Cell Immunol** 1985 Jan; 90(1):190-5

Effect of prostaglandin E2 on the gamma-interferon induction of antigen-presenting ability in P388D1 cells and on IL-2 production by T-cell hybridomas. Zlotnik A, et al. **Cell Immunol** 1985 Jan;90(1):154-66

6-Keto-prostaglandin E1 and prostaglandin E2 stimulate aldosterone production in bovine adrenal glands. Tsunoda S, et al. **Clin Exp Pharmacol Physiol** 1984 Sep-Oct; 11(5):533-6

The effects of calcitonin, parathyroid hormone and prostaglandin E2 on cyclic AMP levels of isolated osteoclasts. Ito MB, et al. **Comp Biochem Physiol [A]** 1985; 81(3):653-7

The effect of prostaglandins F2 alpha and E2 on the adrenergic activity of the uterus of laying hens (Gallus domesticus) in vitro. Iturri SJ, et al.
Comp Biochem Physiol [C] 1985;80(1):91-4

Influence of human chorionic gonadotropin and prostaglandins on the steroid metabolism of the perfused human placenta. Wolf AS, et al.
Contrib Gynecol Obstet 1985;13:162-4

Effect of E-series prostaglandins on cyclic AMP-dependent and -independent hormone-stimulated glycogenolysis in hepatocytes. Brass EP, et al. **Diabetes** 1985 Mar;34(3):291-4

Phenotype modulation in primary cultures of arterial smooth-muscle cells. Dual effect of prostaglandin E1. Sjölund M, et al. **Differentiation** 1984;27(2):158-62

Effects of aspirin and prostaglandin E2 on interdigestive motility complex and duodenogastric reflux in man. Dooley CP, et al. **Dig Dis Sci** 1985 Jun;30(6):513-21

Prostaglandins in colonic anastomotic healing. Brennan SS, et al. **Dis Colon Rectum** 1984 Nov;27(11):723-5

A role for extracellular copper in modulating prostaglandin E2 (PGE2) action: facilitation of PGE2 stimulation of the release of gonadotropin-releasing hormone (LHRH) from median eminence explants. Barnea A, et al.
Endocrinology 1985 Jul;117(1):415-7

Reversal of beta-endorphin-induced blockade of ovulation and luteinizing hormone surge with prostaglandin E2. Leadem CA, et al. **Endocrinology** 1985 Aug;117(2):684-9

Prostaglandin E2-induced luteinizing hormone-releasing hormone release involves mobilization of intracellular Ca+2. Ojeda SR, et al. **Endocrinology** 1985 May; 116(5):1763-70

Inhibition by prostaglandin E2 of renal effects of calcitonin in rats. Yamada M, et al. **Endocrinology** 1985 Feb;

116(2):693-7

Preinduction cervical ripening with prostaglandin E2: influence on psychomotor evolution in the first year. Van Pelt C, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Dec; 18(5-6):299-301

Comparison of the gastric cytoprotective properties of atropine, ranitidine and PGE2 in rats. Del Soldato P, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):53-8

Synergism between platelet-activating factor (PAF-acether) and prostaglandin E2 in man. McGivern DV, et al. **Eur J Pharmacol** 1984 Jun 15;102(1):183-5

Centrally administered PGE2 inhibits gastric secretion in the rat by releasing vasopressin. Puurunen J, et al. **Eur J Pharmacol** 1984 Sep 3;104(1-2):145-50

Modulation of the expression of HLA-DR (Ia) antigens and the proliferation of human erythroid (BFU-E) and multipotential (CFU-GEMM) progenitor cells by prostaglandin E. Lu L, et al. **Exp Hematol** 1984 Oct; 12(9):741-8

Natural killer-like activity in human cultured lymphoid cells propagated in the presence of interleukin-2: acquired resistance to prostaglandin E2- or dexamethasone-mediated suppression. Suzuki H, et al. **Experientia** 1985 May 15;41(5):667-9

Effects of prostaglandin E2 and cholera toxin on apical sodium uptake in thyroid epithelial cells: role of cAMP. Gerard C, et al. **FEBS Lett** 1985 Jan 21;180(1):9-12

Regulation of [3H]forskolin binding to human platelet membranes by GppNHp, NaF, and prostaglandin E1. Nelson CA, et al. **FEBS Lett** 1985 Apr 22;183(2):349-52

Prostaglandins E1 and E2 enhance the stimulation of superoxide release by 1-oleoyl-2-acetylglycerol from human neutrophils. Penfield A, et al. **FEBS Lett** 1985 Feb 25;181(2):335-8

Prostaglandin E2 counteracts the inhibition by indomethacin of rat colon ornithine decarboxylase induction by deoxycholic acid. Narisawa T, et al. **Gann** 1985 May; 76(5):338-44

Central control of intestinal motility by prostaglandins: a mediator of the actions of several peptides in rats and dogs. Bueno L, et al. **Gastroenterology** 1985 Jun;88(6):1888-94

Effect of graded doses of intraluminal H+, prostaglandin E2, and inhibition of endogenous prostaglandin synthesis on proximal duodenal bicarbonate secretion in unanesthetized rat. Isenberg JI, et al. **Gastroenterology** 1985 Jan;88(1 Pt 2):303-7

Stimulatory and inhibitory effects of prostaglandin E2 on prolactin release in the domestic fowl. Hall TR, et al. **Gen Comp Endocrinol** 1984 Dec;56(3):368-75

Effects of bile salts and prostaglandins on sodium transport in isolated rat gastric mucosa. Nguyen DA, et al. **Gen Physiol Biophys** 1985 Aug;4(4):337-48

Action of prostaglandins on the dynamics of the aqueous humor. Gonzalez de la Rosa M, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;222(4-5):182-5

Different effects of prostaglandin E1, E2 and D2 on pancreatic somatostatin release. Nishi S, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:114-8

Effect of prostaglandins on immune complex interaction with glomerular cells in vitro. Lavelle KJ, et al. **Immunol Invest** 1985 Feb;14(1):57-71

Normal responsiveness of granulocyte macrophage committed stem cells from patients with chronic myeloid leukemia to proliferation inhibition by prostaglandin E 1. Rao SG, et al. **Indian J Exp Biol** 1984 Jun;22(6):340-2

The effects of prostaglandin E and I analogues on lymphocyte stimulation. Kingston AE, et al. **Int J Immunopharmacol** 1985;7(1):57-64

Prostaglandins E3 and D3 lower intraocular pressure. Kulkarni PS, et al. **Invest Ophthalmol Vis Sci** 1985 Aug; 26(8):1178-82

Reflex tracheal contraction evoked in dogs by bronchodilator prostaglandins E2 and I2. Roberts AM, et al. **J Appl Physiol** 1985 Jun;58(6):1823-31

Effect of prostaglandin E2 on PZ-peptidase and several other peptidase activities in a clonal osteoblast-like cell line derived from newborn mouse calvaria. Chikuma T, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1533-9

Heterologous desensitization of adenylate cyclase with prostaglandin E1 alters sensitivity to inhibitory as well as stimulatory agonists. Hsia JA, et al. **J Biol Chem** 1985 Apr 25;260(8):4922-6

Effect of combination chemotherapy on PGE-mediated immunoregulation in the peripheral blood mononuclear cells of solid tumor cancer patients. Braun DP, et al. **J Biol Response Mod** 1984 Aug;3(4):391-6

The differentiation of avian skeletal muscle in culture: changes in responsiveness of adenylyl cyclase to prostaglandin E1 and adrenergic agonists. Curtis DH, et al. **J Cell Physiol** 1985 May;123(2):219-27

Transient and sustained effects of hormones and calcium on membrane potential in a bone cell clone. Ferrier J, et al. **J Cell Physiol** 1985 Jan;122(1):53-8

Influence of prostaglandin E2 and indomethacin on interferon-gamma production by cultured peripheral blood leukocytes of multiple sclerosis patients and healthy donors. Vervliet G, et al. **J Clin Immunol** 1985 Mar;5(2):102-8

Regulation of human B cell activation by prostaglandin E2. Suppression of the generation of immunoglobulin-secreting cells. Jelinek DF, et al. **J Clin Invest** 1985 Apr; 75(4):1339-49

Forskolin modulates cyclic AMP generation in the rat myometrium. Interactions with isoproterenol and prostaglandins E2 and I2. Mokhtari A, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(3):213-27 (30 ref.)

Inhibition by prostaglandin E2 of the release of vasopressin and beta-endorphin from rat pituitary neurointermediate lobe or medial basal hypothalamus in vitro. Knepel W, et al. **J Endocrinol** 1985 Aug;106(2):189-95

Interaction of prostaglandin E2 and beta-adrenergic catecholamines in the regulation of uterine smooth muscle motility and adenylate cyclase in the rat. Krall JF, et al. **J Endocrinol** 1984 Sep;102(3):329-36

Defective renal adenylate cyclase response to prostaglandin E2 in spontaneously hypertensive rats. Umemura S, et al. **J Hypertens** 1985 Apr;3(2):159-65

Prostaglandin E2 acts at two distinct pathways of T lymphocyte activation: inhibition of interleukin 2 production and down-regulation of transferrin receptor expression. Chouaib S, et al. **J Immunol** 1985 Aug; 135(2):1172-9

Prostaglandin E2 inhibits the activation of cloned T cell hybridomas. Makoul GT, et al. **J Immunol** 1985 Apr; 134(4):2645-50

Decreased sensitivity of atopic mononuclear cells to prostaglandin E2 (PGE2) and prostaglandin D2 (PGD2). Rocklin RE, et al. **J Immunol** 1985 Sep;135(3):2033-9

Regulation of human B cell proliferation by prostaglandin E2. Thompson PA, et al. **J Immunol** 1984 Nov; 133(5):2446-53

Defective IFN-gamma production in the human neonate. II. Role of increased sensitivity to the suppressive effects of prostaglandin E. Wakasugi N, et al. **J Immunol** 1985 Jan;134(1):172-6

Developmental abnormalities of terminal deoxynucleotidyl transferase positive bone marrow cells and thymocytes in New Zealand mice: effects of prostaglandin E1. Whittum J, et al. **J Immunol** 1985 Jul;135(1):272-80

Loss of platelet alpha 2-adrenergic receptors during simulated extracorporeal circulation: prevention with prostaglandin E1. Wachtogel YT, et al. **J Lab Clin Med** 1985 May;105(5):601-7

Decrease of prostaglandin E2 receptor binding is accompanied by reduced antilipolytic effects of prostaglandin E2 in isolated rat adipocytes. Richelsen B, et al. **J Lipid Res** 1985 Jan;26(1):127-34

Glucocorticoids potentiate the prostaglandin E1-mediated cyclic AMP formation by a cultured murine neuroblastoma clone. Forray C, et al. **J Neurochem** 1985 Jul;45(1):79-85

Regulation of lymphocyte activation by PGE2 in multiple sclerosis. DuBois JH, et al. **J Neurol Sci** 1984 Aug; 65(2):211-9

The effect of 6-oxo-prostaglandin E1 on human platelet aggregation in whole blood in-vitro. Wilsoncroft PS, et al. **J Pharm Pharmacol** 1985 Feb;37(2):139-41

The studies on the role of gastric glycoproteins with reference to cytoprotection: protective effect of prostaglandin E2 and sofalcone on ethanol-induced necrosis. Fujimoto N, et al. **J Pharmacobiodyn** 1984 Nov; 7(11):864-71

Renal tubular action of prostaglandin E2 on water and electrolyte excretion in the nonanesthetized chicken. Besseghir K. **J Pharmacol Exp Ther** 1985 Jun;233(3):823-9

Central gastric antisecretory action of prostaglandin E2: the involvement of the pituitary gland. Puurunen J. **J Pharmacol Exp Ther** 1984 Dec;231(3):713-6

Analysis of the direct effects of prostaglandins on human sperm function. Aitken RJ, et al. **J Reprod Fertil** 1985 Jan; 73(1):139-46

Effect of prostaglandin E2 on puerperal breast discomfort and prolactin secretion. Tulandi T, et al. **J Reprod Med** 1985 Mar;30(3):176-8

A transplantable rat Leydig cell tumor—2. Adenylyl cyclase activation by prostaglandin E1, isoproterenol and glucagon. Erichsen A, et al. **J Steroid Biochem** 1984 Nov;21(5):545-8

The effect of prostaglandin E1 on motility of the equine gut. Hunt JM, et al. **J Vet Pharmacol Ther** 1985 Jun;8(2):165-73

Prostaglandin E2 and parathyroid hormone: comparisons of their actions on the rabbit proximal tubule. Dominguez JH, et al. **Kidney Int** 1984 Oct;26(4):404-10

Evidence that renal prostaglandins are involved in renal water metabolism in cirrhosis. Pérez-Ayuso RM, et al. **Kidney Int** 1984 Jul;26(1):72-80

Further studies on mechanisms of abnormal prostaglandin response by chronic myelogenous leukaemia granulocyte/macrophage progenitors. Taetle R, et al. **Leuk Res** 1984;8(5):833-42

Endogenous regulation of macrophage proliferation and differentiation by E prostaglandins and interferon alpha/beta. Moore RN, et al. **Lymphokine Res** 1985 Winter; 4(1):43-50

The influence of prostaglandins upon the umbilical and placental circulation in human in vitro. Czekanowski R, et al. **Mater Med Pol** 1984 Apr-Dec;16(2-4):108-15

Prolactin desensitizes the prostaglandin E1-dependent adenylyl cyclase in the rat prostate gland. Rui H, et al. **Mol Cell Endocrinol** 1984 Nov;38(1):53-60

Noradrenaline and prostaglandin E2 stimulate LH-RH release from rat median eminence through distinct 1-alpha-adrenergic and PGE2 receptors. Heaulme M, et al. **Neuroendocrinology** 1984 Nov;39(5):403-7

The actions of prostaglandin E2, naloxone and testosterone on starvation-induced suppression of luteinizing hormone-releasing hormone and luteinizing-hormone secretion. In vitro and in vivo studies. Küderling I, et al. **Neuroendocrinology** 1984 Dec;39(6):530-7

The cytoprotective effect of prostaglandin E2 on taurocholate-induced erosions in gastric mucosa of the rat. Light microscopic, morphometric and scanning electron microscopic investigations. Fringes B, et al. **Pathol Res Pract** 1985 Mar;179(4-5):478-86

Inotropic effects of prostaglandin D2 and E1 on the newborn rabbit heart. Uemura S, et al. **Pediatr Res** 1984 Dec; 18(12):1277-81

Central administration of prostaglandin E2 facilitates while F2 alpha attenuates acute dependence upon morphine rats. Nielsen JA, et al. **Pharmacol Biochem Behav** 1985 Jun; 22(6):933-9

The relaxing activity of iloprost and prostaglandin E2 in the isolated various smooth muscle strips of the rabbit. Ercan ZS, et al. **Pharmacology** 1985;31(2):61-6

Role of carbonic anhydrase in bone resorption induced by prostaglandin E2 in vitro. Hall GE, et al. **Pharmacology** 1985;30(6):339-47

The effect of prostaglandins on the bioconversion of arachidonic acid in cervical tissue in early human pregnancy. Christensen NJ, et al. **Prostaglandins** 1985 Feb; 29(2):291-302

Prostaglandin E2 mediated effects on the synthesis of fetal and adult hemoglobin in blood erythroid bursts. Datta MC. **Prostaglandins** 1985 Apr;29(4):561-77

Interactions of prostaglandins with subpopulations of ovine luteal cells. II. Inhibitory effects of PGF2 alpha and protection by PGE2. Fitz TA, et al. **Prostaglandins** 1984 Jul;28(1):127-38

Interactions of prostaglandins with subpopulations of ovine luteal cells. I. Stimulatory effects of prostaglandins E1, E2 and I2. Fitz TA, et al. **Prostaglandins** 1984 Jul;28(1):119-26

Comparative effects of prostaglandin E2 and prostaglandin E3 on water flow and cyclic AMP in the urinary bladder of the frog, Rana pipiens. Herman CA, et al. **Prostaglandins** 1985 Apr;29(4):629-42

Central noradrenergic neurons and the hypertensive effects of intracerebroventricularly administered prostaglandin E2 in anaesthetized rabbits. Otorii T, et al. **Prostaglandins** 1985 Jan;29(1):25-33

Prostaglandins involvement in the formation of luteinized unruptured follicles in the cyclic female rat. Plas-Roser S, et al. **Prostaglandins** 1985 Feb;29(2):243-53

The effects of PGF2 alpha, PGE2 and 16, 16 dimethyl PGE2 on gastric emptying and small intestinal transit in rat. Ruwart MJ, et al. **Prostaglandins** 1984 Dec;28(6):915-28

Effects of prostaglandin E2, 16,16-dimethyl prostaglandin E2 and a prostaglandin endoperoxide analogue (U-46619) on gastric secretory volume, [H+] and mucus synthesis and secretion in the rat. Tao P, et al. **Prostaglandins** 1984 Sep;28(3):353-65

Effects of prostaglandin E2 (PGE2) on estradiol-17 beta-induced luteolysis in the nonpregnant ewe. Weems C, et al. **Prostaglandins** 1985 Feb;29(2):233-41

Effects of prostaglandin E1 or E2 (PGE1; PGE2) on luteal function and binding of luteinizing hormone in nonpregnant ewes. Weems CW, et al. **Prostaglandins** 1985 Feb; 29(2):161-73

Interaction between prostaglandin E1 and forskolin in modulation of cyclic AMP levels in rat epididymal adipocytes. Fatemi SH. **Prostaglandins Leukotrienes Med** 1985 May;18(2):151-61

Antihypertensive activity and metabolic rate of prostaglandin E1 in surgical patients under general anesthesia. Goto F, et al. **Prostaglandins Leukotrienes Med** 1985 Jun; 18(3):359-66

Potentiating effects of leukotriene B4 and prostaglandin E2 on urinary sodium excretion by the dog kidney. Hébert RL, et al. **Prostaglandins Leukotrienes Med** 1985 Apr; 18(1):69-80

Effects of prostaglandin E1 (PGE1) on estradiol-17 beta induced luteolysis in the nonpregnant ewe. Hoyer G, et al. **Prostaglandins Leukotrienes Med** 1985 Feb;17(2):137-46

Biological activities of 6-keto-prostaglandin E1. Lewis R, et al. **Prostaglandins Leukotrienes Med** 1984 Dec; 16(3):303-24 (89 ref.)

The role of prostaglandin E2 in seminal immunosuppression. Lieb J, et al. **Prostaglandins Leukotrienes Med** 1985 Feb; 17(2):243-50

Prostaglandins and mutagenesis: prevention and/or reversibility of genetic damage induced by benzo (a) pyrene in the bone marrow cells of mice by prostaglandin E1. Ramadevi G, et al. **Prostaglandins Leukotrienes Med** 1984 Sep;15(3):287-92

Prostaglandins, alpha-adrenergic receptors and lipolysis in hamster fat cells. Tan S, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):117-23

Comparative studies of prostaglandin E2, phenylisopropyladenosine, clonidine and propranolol on lipolysis stimulated by methylisobutylxanthine and isoprenaline in hamster fat cells. Tan S, et al. **Prostaglandins Leukotrienes Med** 1985 Feb;17(2):183-90

Prostaglandins and ovarian factors as modulators of the negative inotropic action of histamine in the isolated rat uterus. Viggiano M, et al. **Prostaglandins Leukotrienes Med** 1984 Dec;16(3):267-78

Reduction of testicular testosterone levels in rats by prostaglandin E2. Yamada K, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jan;47(1):153-6

The in vivo effects of prostaglandin F2 alpha and prostaglandin E2 on rat urinary excretion of vanillylmandelic acid. Yamada K, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jul;49(1):137–40

Inhibitory effects of PGE1 and E2 on glucose induced insulin release. Villar del Fresno A, et al. **Rev Esp Fisiol** 1984 Sep;40(3):385–7

Protection of the gastroduodenal mucosa by prostaglandins. Johansson C, et al. **Scand J Gastroenterol [Suppl]** 1985; 110:41–8 (50 ref.)

Factors that modify the effects of prostaglandin on diet–induced acute pancreatitis in mice. Taylor IL, et al. **Scand J Gastroenterol [Suppl]** 1985;112:101–5

Interactions between dipyridamole and prostaglandin E1 with ADP–induced aggregation of rat platelet in whole blood [letter] Touqui L, et al. **Thromb Haemost** 1984 Jul 29;51(3):410

Effect of adenyl–cyclase activators, phosphodiesterase inhibitors and pyridoxal–5–phosphate on platelet aggregation and adenosine–3'–5'–cyclic monophosphate accumulation. Zahavi M, et al. **Thromb Haemost** 1984 Oct 31;52(2):205–9

The effects of PGE2 on vasopressin––and guanine nucleotide–mediated adenylate cyclase activity in toad bladder membrane. Shimada H, et al. **Tohoku J Exp Med** 1985 Apr;145(4):427–35

Effect of estradiol, prostaglandin E2 and prostaglandin F2 alpha on incorporation of [3H]uridine by preimplantation mouse embryos in vitro. Uehara S, et al. **Tohoku J Exp Med** 1984 Nov;144(3):305–13

The effects of prostaglandins F2 alpha and E2 on the motility of the cat colon in vitro. Wienbeck M, et al. **Z Gastroenterol** 1984 Oct;22(10):580–5

Interactions between muzolimine, PgE2 and the renin–angiotensin–aldosterone system. Calò L, et al. **Z Kardiol** 1985;74 Suppl 2:157–60

Studies on abomasal emptying in cattle. II. Effect of infusions in duodenum and abomasum on electromyographic complexes, pressure changes and emptying of the abomasum. Vlaminck K, et al. **Zentralbl Veterinaermed** [A] 1984 Oct;31(9):676–82

[Inhibition of metastasis by anti–platelet agents–prostaglandins] Niitsu Y, et al. **Gan To Kagaku Ryoho** 1985 Jun;12(6):1228–34 (Eng. Abstr.) **(Jpn)**

[Optimal dose of PGE1 in the rat mesentery against vasoconstrictive effect of norepinephrine] Kato T, et al. **Masui** 1984 Jul;33(7):720–4 (Eng. Abstr.) **(Jpn)**

[The effect of prostaglandin E1 on CSFP and its interaction with vasopressor in humans] Saito S, et al. **Masui** 1984 Sep;33(9):947–52 (Eng. Abstr.) **(Jpn)**

[Effects of intravenous infusion of prostaglandin E1 on intraocular pressure, pupil diameter and blood–aqueous barrier in man] Namba H, et al. **Nippon Ganka Gakkai Zasshi** 1984 Sep;88(9):1250–4 (Eng. Abstr.) **(Jpn)**

[Physiological and pharmacological actions of prostaglandins and related substances on the respiratory system] Kohno S, et al. **Nippon Rinsho** 1985 Mar;43(3):497–500 (20 ref.) **(Jpn)**

[The influences of prostaglandin E2 on hormones in maternal–fetoplacental unit] Miyakawa I, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1197–202 (Eng. Abstr.) **(Jpn)**

[The cytotoxicity of chenodeoxycholic acid on primary cultured rat hepatocytes and cytoprotective action of prostaglandin E1] Ishii Y. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):108–17 (Eng. Abstr.) **(Jpn)**

[Histochemical examination of gastric covering and epithelial mucus in rats. Effect of several drugs on gastric mucus] Torii A, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Jul; 81(7):1529–38 (Eng. Abstr.) **(Jpn)**

[Quantitative analysis of the ultrastructure of gastric mucocytes in the rat after prostaglandin treatment] Kiseleva EV, et al. **Arkh Anat Gistol Embriol** 1985 Jan; 88(1):82–5 (Eng. Abstr.) **(Rus)**

[Effect of series E and F prostaglandins on the reaction of the pentosephosphate pathway of carbohydrate metabolism in isolated perfused rat organs] Kudriavtseva GV, et al. **Biokhimiia** 1984 Nov;49(11):1847–53 (Eng. Abstr.) **(Rus)**

[Effect of prostaglandin E1 on the cyclic adenosine–3',5'—monophosphate system and radiosensitivity of B–82 cells cultured in vitro] Malatsidze MA, et al. **Biol Nauki** 1984;(9):33–7 (Eng. Abstr.) **(Rus)**

[Effect of prostaglandin E2 on enzyme activity during parenteral feeding] Glants RM, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):161–2 (Eng. Abstr.) **(Rus)**

[Effect of prostaglandin E1 on the structure of high–density lipoproteins] Manevich EM, et al. **Dokl Akad Nauk SSSR** 1984;277(4):1008–11 **(Rus)**

[Role of central alpha–adrenoreceptors in the mechanism of the hyperthermic action of prostaglandin E2] Gurin VN, et al. **Farmakol Toksikol** 1984 Nov–Dec;47(6):29–32 (Eng. Abstr.) **(Rus)**

[Comparative effects of prostaglandins and ACTH on the production of corticosterone and cyclic AMP in isolated adrenal gland cells of rats] Morozova MS, et al. **Probl Endokrinol (Mosk)** 1985 Jan–Feb;31(1):67–70 (Eng. Abstr.) **(Rus)**

[Prostaglandin E2 as a lipophilic allosteric modulator of the Na pump] Karel'son EI, et al. **Vopr Med Khim** 1985 Mar–Apr;31(2):84–7 (Eng. Abstr.) **(Rus)**

[Biochemical mechanisms of the regulation of gastric mucus secretion in the rat: the role of prostaglandin E2 and histamine] Tairov MM, et al. **Vopr Med Khim** 1984 Jul–Aug;30(4):28–32 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Mechanism of furosemide–induced natriuresis by direct stimulation of renal prostaglandin E2. Katayama S, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F555–61

Prostaglandin E2 and depression [letter] Calabrese JR, et al. **Biol Psychiatry** 1984 Aug;19(8):1269–71

Estrogen and uterine sensitization for the decidual cell reaction in the rat: role of prostaglandin E2 and adenosine 3':5'–cyclic monophosphate. Johnston ME, et al. **Biol Reprod** 1984 Dec;31(5):959–66

Relationships of prostaglandin E and natural killer sensitivity to metastatic potential in murine mammary adenocarcinomas. Fulton AM, et al. **Cancer Res** 1985 Oct; 45(10):4779–84

Relevance of prostaglandins in migraine. Parantainen J, et al. **Cephalalgia** 1985 May;5 Suppl 2:93–7

Regulation of thymocyte proliferative response by macrophage–derived prostaglandin E2 and interleukin 1. Hayari Y, et al. **Eur J Immunol** 1985 Jan;15(1):43–7

The influence of prostaglandin E2 and oxytocin on the incorporation of [3H]proline and [3H]glucosamine in the human amnion. Tjugum J, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Mar;19(3):137–43

Prostaglandin–E–mediated modulation of human marrow CFU–GM Ia–antigen expression: kinetics and specificity. Pelus LM. **Exp Hematol** 1984 Dec;12(11):831–7

Colonic secretion mediated by prostaglandin E2 and 5–hydroxytryptamine may contribute to diarrhea due to morphine withdrawal in the rat. Beubler E, et al. **Gastroenterology** 1984 Nov;87(5):1042–8

Endogenous E–type prostaglandins in regulation of basal alkaline secretion by amphibian duodenum in vitro. Heylings JR, et al. **Gastroenterology** 1985 Jan;88(1 Pt 2):290–4

Involvement of prostaglandins in LPS–mediated regulation of plasminogen activator synthesis by inflammatory macrophages. Drapier JC, et al. **Int J Immunopharmacol** 1984;6(4):345–50

Role of prostaglandin E and interferon in secretion of colony–stimulating factor by murine macrophages after in vitro treatment with biological response modifiers. Schlick E, et al. **Int J Immunopharmacol** 1984;6(5):407–18

Renal hemodynamic abnormalities in patients with short term insulin–dependent diabetes mellitus: role of renal prostaglandins. Esmatjes E, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1231–6

Role of endogenous prostaglandin E2 in erythropoietin production and dome formation by human renal carcinoma cells in culture. Hagiwara M, et al. **J Clin Invest** 1984 Oct; 74(4):1252–61

Renal prostaglandin E in the hypotensive mechanism of MK–421 in conscious rats. Yasujima M, et al. **J Hypertens** 1984 Dec;2(6):623–9

Immunity to herpes simplex virus: virus reactivation modulates lymphokine activity. Sheridan JF, et al. **J Infect Dis** 1985 Sep;152(3):449–56

Hemodynamic roles of thromboxane A2 and prostaglandin E2 in glomerulonephritis. Stork JE, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):672–8

Diminished pressor response to exogenous norepinephrine and angiotensin II in septic, unanesthetized rats: evidence for a prostaglandin–mediated effect. Fink MP, et al. **J Surg Res** 1985 Apr;38(4):335–42

Prostaglandin E2 regulation of tumoristatic factor production by macrophage–like P388D1 cells. Young MR, et al. **JNCI** 1984 Oct;73(4):959–62

Pressor responses to norepinephrine in rabbits with 3–day renal artery stenosis––the role of prostaglandins. Ichikawa S, et al. **Jpn Circ J** 1984 Nov;48(11):1282–4

A possible role of gonad and renal prostaglandin E2 on the development of hypertension in spontaneously hypertensive rats. Matsudaira T, et al. **Jpn J Pharmacol** 1985 Jan;37(1):51–7

Effect of endogenous prostaglandin E on the vasoconstrictor response to noradrenaline. Michibayashi T. **Jpn J Pharmacol** 1984 Nov;36(3):365–70

Modulation of presynaptic gamma aminobutyric acid release by prostaglandin E2: explanation for epileptogenic activity and dysfunction in autonomic cardiac neural discharge leading to arrhythmias? Suter LE, et al. **Med Hypotheses** 1984 Sep;15(1):15–30 (35 ref.)

A possible role of antihypertensive polar renomedullary lipid (APRL) and prostaglandin E2 in the kidney in the antihypertensive action of pindolol. Matsudaira T, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jul;49(1):65–9

[Experimental study of perforating eye injury––the role of prostaglandin in traumatic reactions] Wang ME. **Chung Hua Yen Ko Tsa Chih** 1985 Mar;21(2):71–4 **(Chi)**

[Physiological and pharmacological actions of prostaglandins and related substances: the adipose tissue and prostaglandins] Tsujita T, et al. **Nippon Rinsho** 1985 Mar; 43(3):514–7 **(Jpn)**

[Prostaglandins, islands of Langerhans and glucose homeostasis] Taton J, et al. **Pol Tyg Lek** 1984 Aug 20; 39(34):1147–51 (36 ref.) **(Pol)**

[Cellular and molecular basis of the participation of prostaglandins in the function of the nervous system] Gromov AI, et al. **Usp Fiziol Nauk** 1985 Apr–Jun; 16(2):77–97 (147 ref.) **(Rus)**

[Effect of prethrombin I and prostaglandin E2 on thrombin–stimulated aggregation of rat platelets] Strukova SM, et al. **Vopr Med Khim** 1985 May–Jun;31(3):99–103 (Eng. Abstr.) **(Rus)**

SECRETION

Prostaglandin E2 in basal gastric secretion and during stimulation of muscarinic receptors in man. Measurements with gas chromatography––mass spectrometry. Aly A, et al. **Acta Physiol Scand** 1984 Dec;122(4):583–8

Haemodynamic conditions for renal PGE2 and renin release during alpha– and beta–adrenergic stimulation in dogs. Vikse A, et al. **Acta Physiol Scand** 1985 Jun;124(2):163–72

Porcine catabolin stimulates prostaglandin E2 secretion but does not affect intracellular cyclic AMP production in pig synovial fibroblasts. Carroll GJ. **Ann Rheum Dis** 1985 Sep; 44(9):631–6

Release of prostaglandin E2 and beta–endorphin–like immunoreactivity from rat adenohypophysis in vitro: variations after adrenalectomy or lesions of the paraventricular nuclei. Knepel W, et al. **Brain Res** 1985 Feb 4;326(1):87–94

Inhibition of brain protein synthesis suppresses the release of prostaglandin E2 in febrile rabbits. Townsend Y, et al. **Brain Res Bull** 1984 Aug;13(2):335–8

Relationships between morphology, dissemination, migration, and prostaglandin E2 secretion by cloned variants of Lewis lung carcinoma. Young MR, et al. **Cancer Res** 1985 Aug; 45(8):3918–23

In vitro influence of steroids, histamine, adrenaline and oxytocin on secretion of prostaglandins PGE2 and PGF2 alpha by human fetal membranes. Acker GM, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:67–71

Beta 2–adrenoceptor agonists reverse the leukotriene C4–induced release response of macrophages. Schenkelaars EJ, et al. **Eur J Pharmacol** 1984 Dec 15;107(1):65–70

Autoregulatory vasodilation enhances renal prostaglandin E2 and associated renin release during arachidonic acid infusion in dogs. Vikse A, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):261–6

[Effect of thymosin alpha 1 on prostaglandin release by murine lymphocytes] Baldassarre AM, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):23–6 (Eng. Abstr.) **(Ita)**

[In vitro release of arachidonate metabolites by human alveolar macrophages] Ogushi F, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug; 22(8):676–83 (Eng. Abstr.) **(Jpn)**

[Changes in endocrine function of the kidneys in patients with stable hypertension after infusion of prostaglandins E] Nekrasova AA, et al. **Ter Arkh** 1984;56(7):89–93 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Prostaglandins and peptic ulcer disease. Geboes K, et al. **Acta Gastroenterol Belg** 1984 Nov–Dec;47(6):576–82

Prostaglandin E1 infusion in unstable angina: effects on anginal frequency and cardiac function. Siegel RJ, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):863–8

A comparison of Lamicel and prostaglandin E2 vaginal gel for cervical ripening before induction of labor. Johnson IR, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):604–7

Is prostaglandin E2 really of therapeutic value for postoperative urinary retention? Results of a prospectively randomized double–blind study. Wagner G, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):375–9

Experimentally induced phenylbutazone toxicosis in ponies: description of the syndrome and its prevention with synthetic prostaglandin E2. Collins LG, et al. **Am J Vet Res** 1985 Aug;46(8):1605–15

Hemodynamic effects of intravenous PGE1 on patients with arterial occlusive disease of the leg. Hirai M, et al. **Angiology** 1985 Jul;36(7):407–13

Prostaglandin E1 vasospastic disease and thermography. Kyle V, et al. **Ann Rheum Dis** 1985 Feb;44(2):73–8

Effect of prostaglandin on early surgical mortality in obstructive lesions of the systemic circulation. Leoni F, et al. **Br Heart J** 1984 Dec;52(6):654–9

A double blind controlled trial to study the effects of vaginal prostaglandin pessaries on induction of labour and improvement in the favourability of the cervix. Patel YA. **Clin Exp Obstet Gynecol** 1984;11(4):117–9

Prostaglandin and aspirin [letter] Graham DY, et al. **Dig Dis Sci** 1985 Apr;30(4):408

Circulatory uses of prostaglandins. **Drug Ther Bull** 1984 Dec 31;22(26):101–3

Preliminary report on effects of prostaglandin E2 on brain edema in fulminant hepatic failure rats. Dixit V, et al. **Int J Artif Organs** 1985 Jan;8(1):55–6

The acute effects of prostaglandin E1 on the pulmonary circulation and oxygen delivery in patients with the adult respiratory distress syndrome. Tokioka H, et al. **Intensive Care Med** 1985;11(2):61–4

Prostaglandin E1. A new therapy for refractory right heart failure and pulmonary hypertension after mitral valve replacement. D'Ambra MN, et al. **J Thorac Cardiovasc Surg** 1985 Apr;89(4):567–72

The importance of prostaglandin E1 in resuscitation of the neonate with critical aortic stenosis [letter] Jonas RA, et al. **J Thorac Cardiovasc Surg** 1985 Feb;89(2):314–5

Modified Blalock–Taussig shunt following long–term administration of prostaglandin E1 for ductus–dependent neonates with cyanotic congenital heart disease. Yokota M, et al. **J Thorac Cardiovasc Surg** 1985 Sep;90(3):399–403

Efficacy of prostaglandin E1 in the treatment of lower extremity ischemic ulcers secondary to peripheral vascular occlusive disease. Results of a prospective randomized, double–blind, multicenter clinical trial. Schuler JJ, et al. **J Vasc Surg** 1984 Jan;1(1):160–70

6–Oxo–prostaglandin E1 hypoglycemic effect in mice. Ali AE, et al. **Jpn J Pharmacol** 1984 Nov;36(3):413–5

Studies on experimental immune complex nephritis (3). Therapeutic effect of prostaglandin E1 alpha–cyclodextrin host molecule (PGE1 . CD) on serum sickness nephritis in rats. Nagamatsu T, et al. **Jpn J Pharmacol** 1984 Aug; 35(4):407–14

Induction of labor and cervical ripening by intracervical prostaglandin E2. Sørensen SS, et al. **Obstet Gynecol** 1985 Jan;65(1):110–4

Tumor differentiation––application of prostaglandins in the treatment of neuroblastoma. Imashuku S, et al. **Prog Clin Biol Res** 1985;175:89–98

Cervical ripening and plasma prostaglandin levels. Comparison of endocervical and extra–amniotic PGE2. Fuchs AR, et al. **Prostaglandins** 1984 Aug;28(2):217–27

Plasma concentration of 13,14–dihydro–15–keto–PGE2 (PGEM) after various ways of cervix ripening with PGE2. Husslein P, et al. **Prostaglandins** 1984 Aug;28(2):209–15

Effects of 6–keto–prostaglandin E1 on ascitic hepatoma–130 in vivo comparison with chemotherapeutic agents. Kobayashi H, et al. **Prostaglandins** 1985 Feb;29(2):255–68

Beneficial effects of long–term prostaglandin E2 infusion on the course of postischemic acute renal failure. Long–term studies in chronically instrumented conscious dogs. Neumayer HH, et al. **Renal Physiol** 1985;8(3):159–68

Protective effect of prostaglandin E1 on ischemia–induced acute renal failure in dogs. Tobimatsu M, et al. **Surgery** 1985 Jul;98(1):45–53

Effects of prostaglandin E1 infusion in the pre–operative management of critical congenital heart disease. Ohara T, et al. **Tohoku J Exp Med** 1985 Jun;146(2):237–49

Treatment of cardiovascular disease with prostaglandins. Szczeklik A. **Vasa** 1984;13(4):360–4

[Therapeutic effects of prostaglandin E1 on 59 cases of heart dysfunction] Zhang LS. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1985 Mar; 13(1):35–7 **(Chi)**

[Therapeutic effects of prostaglandin E1 on experimentally induced atherosclerosis] Wang TL. **Chung Hua I Hsueh Tsa Chih** 1985 Jan;65(1):13–6 (Eng. Abstr.) **(Chi)**

[Long–term treatment using prostaglandin E2 in congenital heart defects with the pulmonary circulation being supplied by a patent ductus arteriosus] Hruda J, et al. **Cesk Pediatr** 1985 May;40(5):257–62 (Eng. Abstr.) **(Cze)**

[Prostaglandin therapy in newborn infants with a Botalli duct–dependent circulation] van der Sijp JR, et al. **Tijdschr Kindergeneeskd** 1985 Feb;53(1):20–5 (Eng. Abstr.) **(Dut)**

[A new prostaglandin E1 analog in late interruption of pregnancy, in utero deaths and very premature ruptures of the membranes. Apropos of 117 cases] Henrion R, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):939–46 (Eng. Abstr.) **(Fre)**

[Value of prostaglandin E1 in cardiac malformations in the newborn infant] Sassolas F, et al. **Pediatrie** 1984 Jun; 39(4):245–52 (Eng. Abstr.) **(Fre)**

[Vital capillary microscopic examination and transcutaneous pO2–measurements by intravenous prostaglandin E1 infusion] Heidrich H, et al. **Dtsch Med Wochenschr** 1985 Aug 23;110(34):1283–5 (Eng. Abstr.) **(Ger)**

[Premature membrane rupture: effect of intracervical PGE2 gel administration on plasma oxytocin, PGFM and PGEM levels in mother and child] Goeschen K, et al. **Geburtshilfe Fraunheilkd** 1984 Dec;44(12):772–6 (Eng. Abstr.) **(Ger)**

[Acute effect of prostaglandin E1 in severe heart failure––effects on hemodynamics, blood gases and metabolic responses] Okano H, et al. **Kokyu To Junkan** 1984 Jul;32(7):733–40 (Eng. Abstr.) **(Jpn)**

[Analogs of prostaglandin–related substances and inhibitors of their formation and metabolism. Clinical application to the pediatric field––arteries and prostaglandins] Honda S. **Nippon Rinsho** 1985 Mar;43(3):603–7 (23 ref.) **(Jpn)**

[Analogs of prostaglandin–related substances and inhibitors of their formation and metabolism. Clinical application to the surgical field] Mishima Y. **Nippon Rinsho** 1985 Mar; 43(3):598–602 (16 ref.) **(Jpn)**

[Effect of bethanecol and prostaglandin E2 on gastroesophageal reflux and esophageal emptying, in patients with reflux esophagitis proposed for surgical therapy] Costa PM, et al. **Acta Med Port** 1985 Feb; 6(2):83–94 (Eng. Abstr.) **(Por)**

[Metabolic criteria of the effective treatment of acute renal failure with prostaglandin E2] Glants RM, et al. **Anesteziol Reanimatol** 1985 Jan–Feb;(1):34–6 (Eng. Abstr.) **(Rus)**

[Experimental prostaglandin E2 therapy of acute kidney failure due to the crush syndrome] Glants RM, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):532–3 (Eng. Abstr.) **(Rus)**

[Use of series E prostaglandins in the treatment of essential hypertension] Nekrasova AA, et al. **Kardiologiia** 1985 Jan; 25(1):29–35 (Eng. Abstr.) **(Rus)**

[Prostaglandin E1 (misoprostol) and S–adenosylmethionine in the prevention of hemorrhagic gastritis induced by aspirin in the human. Endoscopic, histologic and histochemical study] Laudanno OM, et al. **Acta Gastroenterol Latinoam** 1984;14(4):289–93 (Eng. Abstr.) **(Spa)**

[Prostaglandin treatment of ductus–dependent congenital heart defects] Olsson B, et al. **Lakartidningen** 1984 Oct 3; 81(40):3619–22 **(Swe)**

TOXICITY

Prenatal hamster development following maternal administration of PGE2 at midterm. Liebgott B, et al. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):309–18

URINE

Involvement of endogenous prostaglandins in salt–induced hypertension. Ogihara T, et al. **Acta Endocrinol (Copenh)** 1985 Jan;108(1):114–8

Changes in PGE2 urinary excretion and renal function in coronary heart disease. Bernardi P, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:89–91

Altered renal prostaglandin production after sodium loading in hypertensive patients. Neri Serneri GG, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:203–8

Antidiuretic and PGE2 responses to AVP and dDAVP in subjects with central and nephrogenic diabetes insipidus. Moses AM, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):F354–9

Effect of sustained water diuresis on prostaglandin E2 excretion in humans. Roberts DG, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F830–4

The effect of iron overload on urinary excretion of immunoreactive prostaglandin E2. Gavino VC, et al. **Arch Biochem Biophys** 1985 Mar;237(2):322–7

Reduction of urinary excretion of PGE2 and 6 keto PGF1 alpha by tiaprofenic acid. Lote CJ, et al. **Br J Pharmacol** 1985 May;85(1):7–10

Urinary prostaglandins in sickle cell nephropathy: a defect in 9–ketoreductase activity? [letter] de Jong PE, et al. **Clin Nephrol** 1984 Oct;22(4):212–3

Influence of age, sex and potassium excretion on urinary prostaglandins in children. Barden A, et al. **Clin Sci** 1985 May;68(5):601–4

Is the urinary excretion of prostaglandin E in man dependent on urine pH? Haylor J, et al. **Clin Sci** 1985 Apr;68(4):475–7

Effect of sodium loading on the urinary excretion of prostaglandins E2 and F2 alpha in rats with hereditary diabetes insipidus (Brattleboro rats). Rathaus M, et al. **Clin Sci** 1985 Jan;68(1):93–6

Urinary kallikrein and prostaglandin response to frusemide in mild hypertension. Mackay IG, et al. **Contrib Nephrol** 1984;41:160–2

Role of the renal medulla in experimental hypertension. Russell GI, et al. **Contrib Nephrol** 1984;41:163–6

Effect of short–term bile duct ligation on peripheral blood steroids, urinary PGE2 and the rate of sodium excretion in male rabbits. Elias AN, et al. **Gen Pharmacol** 1984; 15(5):427–30

Absence of sex differences in urinary prostaglandin E2 excretion in the rat under basal conditions or following acetazolamide. Lote CJ, et al. **Horm Metab Res** 1984 Jul; 16(7):382–3

Urinary prostaglandin E2 excretion after the resumption of renal function post renal transplantation. Zawada ET Jr. **Int J Artif Organs** 1985 May;8(3):119–20

Angiotensin sensitivity and prostaglandins in dogs with renal hypertension. Watson ML, et al. **J Hypertens** 1984 Oct; 2(5):479–83

Relationship between urine flow rate and prostaglandin E excretion in human beings. Lifschitz MD, et al. **J Lab Clin Med** 1985 Feb;105(2):234–8

The effect of a single oral dose of ethyl linoleate on urinary prostaglandin E2 excretion in essential fatty acid–deficient rats. Hansen HS, et al. **J Nutr** 1985 Jan;115(1):39–44

Idiopathic hypercalciuria associated with hyperreninemia and high urinary prostaglandin E. Houser M, et al. **Kidney Int** 1984 Aug;26(2):176–82

Prostaglandin excretion after furosemide in normal and low–renin essential hypertension. Scherer B, et al. **Klin Wochenschr** 1984 Aug 16;62(16):777–82

The importance of age on prostaglandin E2 excretion in normal and hypertensive men. Mackenzie T, et al. **Nephron** 1984;38(3):178–82

Effects of sulfinpyrazone on renal function and prostaglandin formation in man. Rosenkranz B, et al. **Nephron** 1985; 39(3):237–43

Urinary prostaglandins E2 and F2 alpha in chronic renal failure. Influence of chronic and acute changes in Na balance. Schneider M, et al. **Nephron** 1985;40(2):152–4

PGE2, 6–O–PGF1 alpha and sodium balance in essential hypertensive patients. Gotoh S, et al. **Prostaglandins Leukotrienes Med** 1984 Sep;15(3):293–301

The development and application of a direct radioimmunoassay for prostaglandin E2 utilising a gamma–labelled ligand. Hindawi RK, et al. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):81–94

Effect of dietary depletion and repletion of linoleic acid on renal fatty acid composition and urinary prostaglandin excretion. Huang YS, et al. **Prostaglandins Leukotrienes Med** 1984 Aug;15(2):223–8

Effects of atrial extract on blood pressure and urinary excretion of electrolytes and prostaglandin E2 in rats. Ishii M, et al. **Prostaglandins Leukotrienes Med** 1984 Dec; 16(3):325–32

Renal prostaglandin E in pheochromocytoma. Hsieh BS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Aug;83(8):821–7

[Relation between acute changes in diuresis and renal prostaglandins. I: Induced hypotonic polyuria] Agnoli GC, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31;60(8):1567–72 (Eng. Abstr.) **(Ita)**

[Relation between acute changes in diuresis and renal prostaglandins. II. Induced antidiuresis] Agnoli GC, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31;60(8):1573–9 (Eng. Abstr.) **(Ita)**

[Urinary excretion of PGE2 and renal function in acute myocardial infarction] Bernardi P, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1827–32 (Eng. Abstr.) **(Ita)**

[A case of Bartter's syndrome––special reference to tubular function, the prostaglandin and the kallikrein–kinin system in the kidney] Ishiyama N, et al. **Nippon Jinzo Gakkai Shi** 1985 Jan;27(1):113–21 (Eng. Abstr.) **(Jpn)**

[A comparative study of C19 steroid–induced hypertension and deoxycorticosterone acetate (DOCA)–salt hypertension] Manabe R, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Nov 20; 60(11):1328–37 (Eng. Abstr.) **(Jpn)**

[Renal prostaglandins in patients with primary arterial hypertension] Ignatowska–Switalska H. **Pol Arch Med Wewn** 1984 Oct;72(4):159–66 (Eng. Abstr.) **(Pol)**

[Effect of diuretics on the humoral system of kidney prostaglandins in hypertension patients] Nekrasova AA, et al. **Kardiologiia** 1984 Sep;24(9):98–104 (Eng. Abstr.) **(Rus)**

PROSTAGLANDINS E, SYNTHETIC

Intracervical versus intravaginal PGE2 for induction of labor at term in patients with an unfavorable cervix. Ulmsten U, et al. **Arch Gynecol** 1985;236(4):243–8

Midtrimester termination of pregnancy using intravaginal gemeprost (16, 16 dimethyl–trans delta 2 PGE1 methyl ester, cervagem). Nair GV, et al. **Singapore Med J** 1985 Apr;26(2):199–202

[Abortion induction in the 2d pregnancy trimester. Endocervical PGE2 gel administration, intramuscular sulprostone administration and combined (endocervical PGE2 gel/intramuscular sulprostone) treatment] Schmidt W, et al. **Geburtshilfe Frauenheilkd** 1985 Apr;45(4):261–4 (Eng. Abstr.) **(Ger)**

[16–Phenoxy–prostaglandin–E2 for inducing abortion in intact and complicated pregnancy] Lichtenegger W. **Geburtshilfe Fraunheilkd** 1984 Nov;44(11):752–7 (Eng. Abstr.) **(Ger)**

[Cervix priming in induced abortion in the 1st trimester using intracervical administration of sulprostone gel] Rath W, et al. **Geburtshilfe Fraunheilkd** 1985 Jan;45(1):51–6 (Eng. Abstr.) **(Ger)**

ADMINISTRATION & DOSAGE

Mid–trimester therapeutic abortion by vaginal suppository of 16, 16–dimethyl–trans–delta 2–prostaglandin E1. Kato K, et al. **Asia Oceania J Obstet Gynaecol** 1985 Jun; 11(2):163–7

The use of 16,16–dimethyl–trans delta 2 prostaglandin E1 methyl ester (gemeprost) vaginal pessaries for the termination of pregnancy in the early second trimester. A comparison with extra–amniotic prostaglandin E2. Cameron IT, et al. **Br J Obstet Gynaecol** 1984 Nov; 91(11):1136–40

Controlled study of 16,16–dimethyl–trans–delta 2 prostaglandin E1 methyl ester vaginal pessaries prior to suction termination of first trimester pregnancies. Fisher PR, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1141–4

Cervical ripening and labor induction with intracervical triacetin base prostaglandin E2 gel: a placebo–controlled study. Nimrod C, et al. **Obstet Gynecol** 1984 Oct; 64(4):476–9

[Use of a new vaginal suppository: prostaglandin E1 analog Gemeprost for cervix maturation prior to abortion in the 1st trimester] Rabe T, et al. **Geburtshilfe Frauenheilkd** 1985 Jun;45(6):393–401 (Eng. Abstr.) **(Ger)**

[Changes in endocrine function of the kidneys in patients with stable hypertension after infusion of prostaglandins E] Nekrasova AA, et al. **Ter Arkh** 1984;56(7):89–93 (Eng. Abstr.) **(Rus)**

BLOOD

Determination of acetyltrimoprostil and its metabolite trimoprostil in human or dog plasma by gas chromatography–negative–ion chemical ionization mass spectrometry. Rubio F, et al. **J Chromatogr** 1985 May 3;

339(2):313-20

Capillary gas chromatographic-mass spectrometric analysis of 15-deoxy-16-hydroxy-16-vinylprostaglandin E2. Cosulich DB, et al. **J Pharm Sci** 1985 Jan;74(1):76-8

CHEMICAL SYNTHESIS

[Synthesis of 15-fluorodeoxyprostaglandins A2 and E2 from Plaxaura homomalla prostaglandin A2] Bezuglov VV, et al. **Dokl Akad Nauk SSSR** 1984;279(2):378-80 **(Rus)**

PHARMACODYNAMICS

Effect of graded 15(R)15 methyl prostaglandin E2 and of indomethacin on the gastric secretory and plasma gastrin response to modified shamfeeding. Johansson C, et al. **Acta Physiol Scand** 1984 Nov;122(3):421-6

Effects of 16,16 dimethyl prostaglandin E2 on irradiation damage of the small intestine. Uribe A, et al. **Acta Radiol [Oncol]** 1984;23(5):349-52

Effect of H2 receptor- and muscarine receptor antagonists and prostaglandin E1 analog on the gastric mucosal hemodynamics and oxygen sufficiency in rats. Sato N, et al. **Adv Exp Med Biol** 1984;180:763-71

Low-dose prostaglandin E2 analogue for cervical dilatation prior to pregnancy termination. Borten M, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):561-5

Failure of 16,16-dimethyl PGE2 to prevent inhibitory effect of ethanol on sodium transport in canine gastric mucosa. Miller TA, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G299-306

Nonprotein sulfhydryl compounds in canine gastric mucosa: effects of PGE2 and ethanol. Miller TA, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):G137-44

Termination of pregnancy by a slow release device containing 16, 16-dimethyl-trans-delta 2 PGE1 methyl ester. Bygdeman M, et al. **Asia Oceania J Obstet Gynaecol** 1984 Sep;10(3):359-65

Gastrointestinal and cardiovascular effects of the prostaglandin analogue Hoe 260. Bickel M, et al. **Biomed Biochim Acta** 1984;43(8-9):S235-8

Treatment of mouse carcinoma in vivo with a prostaglandin E2 analogue and indomethacin. Bennett A, et al. **Br J Cancer** 1985 Aug;52(2):245-9

Inhibition of food stimulated acid secretion by misoprostol, an orally active synthetic E1 analogue prostaglandin. Ramage JK, et al. **Br J Clin Pharmacol** 1985 Jan;19(1):9-12

Pharmacological effects of (+/-)-11-deoxy, 16-phenoxy-prostaglandin E1 derivatives in the cardiovascular system. Banerjee AK, et al. **Br J Pharmacol** 1985 Jan;84(1):71-80

Water diuretic effect of intravenously administered 9-deoxo-16, 16-dimethyl-9-methylene-PGE2 in conscious man. Leksell LG, et al. **Clin Physiol** 1984 Dec;4(6):449-59

Inhibition of canine gastric secretion by the prostanoid Ro 22-6923. Gaginella TS, et al. **Dig Dis Sci** 1985 Apr; 30(4):340-5

Gastric antisecretory activity of arbaprostil as affected by gastric pH. Reele SB. **Dig Dis Sci** 1985 Jul;30(7):612-6

Preinduction cervical ripening with prostaglandin E2: influence on psychomotor evolution in the first year. Van Pelt C, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Dec; 18(5-6):299-301

Protection against aspirin-induced antral and duodenal damage with enprostil. A double-blind endoscopic study. Cohen MM, et al. **Gastroenterology** 1985 Jan;88(1 Pt 2):382-6

Effect of 16,16-dimethyl prostaglandin E2 on the surface hydrophobicity of aspirin-treated canine gastric mucosa. Lichtenberger LM, et al. **Gastroenterology** 1985 Jan;88(1 Pt 2):308-14

Effects of 16,16-dimethyl prostaglandin E2 on ethanol-induced and aspirin-induced gastric damage in the rat. Scanning electron microscopic study. Ohno T, et al. **Gastroenterology** 1985 Jan;88(1 Pt 2):353-61

Cytoprotection by prostaglandin occurs in spite of penetration of absolute ethanol into the gastric mucosa. Robert A, et al. **Gastroenterology** 1985 Jan;88(1 Pt 2):328-33

Prostaglandin cytoprotection against ethanol-induced gastric injury in the rat. A histologic and cytologic study. Schmidt KL, et al. **Gastroenterology** 1985 Mar;88(3):649-59

A fluorescent in vivo microscopic method to assess surface mucosal integrity in the rat stomach. Effects of ethanol and prostaglandin. Sue MW, et al. **Gastroenterology** 1985 Aug;89(2):415-20

Prostaglandin protection of the gastric mucosa against alcohol injury—a dynamic time-related process. Role of the mucosal proliferative zone. Tarnawski A, et al. **Gastroenterology** 1985 Jan;88(1 Pt 2):334-52

Evaluation of the protection of rat gastric mucosa by a prostaglandin analogue using cellular enzyme marker and histologic techniques. Whittle BJ, et al. **Gastroenterology** 1985 Jan;88(1 Pt 2):315-27

Reversal of ethanol and indomethacin-induced suppression of hepatic DNA synthesis by 16,16-dimethyl prostaglandin E2. McNeil GE, et al. **Hepatology** 1985 Jan-Feb;5(1):43-6

16,16-Dimethyl PGE2 and fatty acids protect hepatocytes against CCl4-induced damage. Ruwart MJ, et al. **In Vitro Cell Dev Biol** 1985 Aug;21(8):450-2

Menstrual regulation with prostaglandin (Pg ONO 802) in Indonesia. Agoestina T, et al. **Int J Gynaecol Obstet** 1984 Oct;22(5):403-9

The effects of prostaglandin E and I analogues on lymphocyte stimulation. Kingston AE, et al. **Int J Immunopharmacol** 1985;7(1):57-64

Reflex tracheal contraction evoked in dogs by bronchodilator prostaglandins E2 and I2. Roberts AM, et al. **J Appl Physiol** 1985 Jun;58(6):1823-31

Evidence for a novel inhibition of calcium uptake into chick bone in response to bovine parathyroid hormone (1-34) or 16, 16-dimethyl prostaglandin E2 in vivo. Shaw AJ, et al. **J Endocrinol** 1985 Jun;105(3):R5-8

Effect of acetazolamide on rat gastric mucosal protection and stimulated bicarbonate secretion with 16,16-dimethyl PGE2. Reichstein BJ, et al. **J Lab Clin Med** 1984 Nov; 104(5):797-804

Effect of the synthetic prostanoid Ro 22-6923 on gastric secretion and blood flow in Heidenhain pouch dogs. Gaginella TS, et al. **J Pharmacol Exp Ther** 1985 Jan; 232(1):208-13

Inhibition of acid secretion and gastric lesions in rats by the prostanoid Ro 22-6923. Gaginella TS, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):202-7

Synergistic effect of progesterone on prostaglandin E modulation of the mitogenic response of human peripheral lymphocytes. Fujisaki S, et al. **J Reprod Immunol** 1985 Jan; 7(1):15-26

Laboratory devised prostaglandin derivatives offer antiulcer promise [news] Henahan J. **JAMA** 1985 Feb 1; 253(5):617-20

M&B 28,767: a potent anti-secretory and anti-ulcer PG analogue. A comparative study with 16, 16' dimethyl PGE2 methylester. Banerjee AK, et al. **Life Sci** 1984 Dec 17; 35(25):2489-96

The prostaglandin-analogue-9-deoxo-16,16-dimethyl-9-methy inhibits the antidiuretic effect of vasopressin (AVP) in the conscious sheep. Christensen NJ, et al. **Pflugers Arch** 1984 Dec;402(4):360-3

The effect of prostaglandins on the bioconversion of arachidonic acid in cervical tissue in early human pregnancy. Christensen NJ, et al. **Prostaglandins** 1985 Feb; 29(2):291-302

Changes in thymidine uptake in the gastrointestinal tract of the rat following treatment with 16,16-dimethyl prostaglandin E2. Gilbertson TJ, et al. **Prostaglandins** 1984 Jun;27(6):887-98

Bronchodilatory properties of 2-decarboxy-2-hydroxymethyl prostaglandin E1. Nizankowska E, et al. **Prostaglandins** 1985 Mar; 29(3):349-62

Effects of 9-deoxo-16,16-dimethyl-9-methylene PGE2 on muscle contractile activity and collagen synthesis in the human cervix. Norström A, et al. **Prostaglandins** 1985 Mar; 29(3):337-46

The effects of PGF2 alpha, PGE2 and 16, 16 dimethyl PGE2 on gastric emptying and small intestinal transit in rat. Ruwart MJ, et al. **Prostaglandins** 1984 Dec;28(6):915-28

MDL-646, a new synthetic E1-prostaglandin with local protective effects on the gastric mucosa. Spina G, et al. **Prostaglandins** 1984 Aug;28(2):158-71

Effects of prostaglandin E2, 16,16-dimethyl prostaglandin E2 and a prostaglandin endoperoxide analogue (U-46619) on gastric secretory volume, [H+] and mucus synthesis and secretion in the rat. Tao P, et al. **Prostaglandins** 1984 Sep;28(3):353-65

A new PGE1 analogue (CL115,574) III. Effects on gastric acid and mucus secretion in man. Wilson DE, et al. **Prostaglandins** 1984 Jul;28(1):5-11

Intraluminal prostaglandin stimulation and bile salt inhibition of basal acid secretion in the instilled rat stomach. Sernka TJ, et al. **Prostaglandins Leukotrienes Med** 1985 Mar; 17(3):267-75

An unexpected potent positive chronotropic effect of (15S)-15-methyl-prostaglandin E1 in the isolated guinea-pig right atria. Uzun O, et al. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):1-7

16,16-Dimethyl prostaglandin E2 induces radioprotection in murine intestinal and hematopoietic stem cells. Hanson WR, et al. **Radiat Res** 1985 Aug;103(2):196-203

On the pathogenesis of acute gastric mucosal lesions in septic shock. Arvidsson S, et al. **Scand J Gastroenterol [Suppl]** 1984;105:67-74

Influence of 16,16-dimethyl prostaglandin E2 on morphology and brush border enzymes of small-bowel mucosa. Differences in reactivity between adult and suckling rats. Baumgartner A, et al. **Scand J Gastroenterol [Suppl]** 1985; 112:41-4

Effect of 16,16-dimethyl prostaglandin E2 on gastric epithelial cell membrane potentials and resistances. Ashley SW, et al. **Surgery** 1985 Aug;98(2):166-73

[Cell-killing effect in vitro of prostaglandin derivatives on an established human bladder cancer cell line, KK-47] Uchibayashi T, et al. **Gan To Kagaku Ryoho** 1985 Aug; 12(8):1669-74 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

Summary of the 29th meeting of the Gastrointestinal Drugs Advisory Committee, Food and Drug Administration--June 10, 1985. Lewis JH. **Am J Gastroenterol** 1985 Sep;80(9):743-5

Trial of 16,16 dimethyl trans delta 2 prostaglandin E1 methyl ester vaginal pessaries for management of second trimester fetal death [letter] Goh TH. **Aust NZ J Obstet Gynaecol** 1984 Nov;24(4):294

Alterations in serum antibody and peripheral T-lymphocyte subsets resulting from treatment of murine immune complex glomerulonephritis with PGE2. McLeish KR, et al. **Clin Immunol Immunopathol** 1985 Jan;34(1):100-8

Preoperative cervical priming by intracervical application of a new sulprostone gel. Rath W, et al. **Contraception** 1985 Mar;31(3):207-16

Reduction of aspirin-induced fecal blood loss with low-dose misoprostol tablets in man. Cohen MM, et al. **Dig Dis Sci** 1985 Jul;30(7):605-11

Prostaglandin protection of rat colonic mucosa from damage induced by ethanol. Wallace JL, et al. **Dig Dis Sci** 1985 Sep;30(9):866-76

Aspirin-induced damage in the dog Heidenhain pouch and cytoprotection with 16,16-dimethyl PGE2. Reele SB, et al. **Digestion** 1984;30(1):53-8

Effect of misoprostol and cimetidine on gastric cell labeling index. Fich A, et al. **Gastroenterology** 1985 Jul;89(1):57-61

Gastric mucosal blood flow in rats after administration of 16,16-dimethyl prostaglandin E2 at a cytoprotective dose. Leung FW, et al. **Gastroenterology** 1985 Jun;88(6):1948-53

Antisecretory and serum gastrin lowering effect of enprostil in patients with duodenal ulcer disease. Mahachai V, et al. **Gastroenterology** 1985 Sep;89(3):555-61

Comparison of misoprostol and cimetidine in the treatment of duodenal ulcer. Fich A, et al. **Isr J Med Sci** 1985 Feb; 21(2):102-6

Treatment of childhood Raynaud's disease by transdermal prostaglandin E2 analogue [letter] Dunger DB, et al. **Lancet** 1985 Jul 6;2(8445):50

Misoprostol, a synthetic prostaglandin E1 analogue, in the treatment of duodenal ulcers. A double-blind, cimetidine-controlled trial. O'Keefe SJ, et al. **S Afr Med J** 1985 Mar 2;67(9):321-4

[A new prostaglandin E1 analog in late interruption of pregnancy, in utero deaths and very premature ruptures of the membranes. Apropos of 117 cases] Henrion R, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):939-46 (Eng. Abstr.) **(Fre)**

TOXICITY

Morphologic changes in the gastric mucosa of rats and dogs treated with an analog of prostaglandin E1. Kramer AW Jr, et al. **Toxicol Pathol** 1985;13(1):26-35

URINE

Urinary prostaglandins in sickle cell nephropathy: a defect in 9-ketoreductase activity? [letter] de Jong PE, et al. **Clin Nephrol** 1984 Oct;22(4):212-3

PROSTAGLANDINS F

Plasma prostaglandin F2 alpha and plasma 13,14-dihydro-15-keto-prostaglandin F2 alpha levels in women during induction of labor with i.v. infusion of prostaglandin F2 alpha in relation to uterine contractions. Rasmussen AB, et al. **J Perinat Med** 1985;13(1):15-21

[Second-trimester abortions induced by dinoprost] Feldman JP, et al. **Rev Fr Gynecol Obstet** 1985 Feb;80(2):93-6 (Eng. Abstr.) **(Fre)**

[Use of prostaglandin F2 alpha for dilating the cervical canal in performing an abortion] Matanyi S, et al. **Akush Ginekol (Mosk)** 1985 Mar;(3):39-41 (Eng. Abstr.) **(Rus)**

[Study of the physico-chemical properties of prostaglandin F2 alpha and its complexes] Sorokina AD, et al. **Biofizika** 1984 Sep-Oct;29(5):796-800 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Abortion-inducing effect of prostaglandin F2-alpha in the mid-trimester of pregnancy. Pajor A, et al. **Acta Chir Hung** 1984;25(4):229-38

Cervix-dilative effect of PGF2 alpha after intracervical and extraovular administration. Pajor A, et al. **Ginekol Pol** 1984 Jun;55(6):421-5

[Ripening of the cervix and induction of labor at term with prostaglandin F2 alpha gel in increasing doses] Kamina P, et al. **Rev Fr Gynecol Obstet** 1984 Feb;79(2):115-21 (Eng. Abstr.) **(Fre)**

[Transcervical intra-amniotic induction with PgF2 alpha in missed abortion and labor in the 3d trimester of pregnancy with dead fetus. II] Rizzuto E, et al. **Minerva Ginecol** 1985 Apr;37(4):137-9 (Eng. Abstr.) **(Ita)**

[Dosage of prostaglandin used in labor induced with prostaglandin F2 alpha] Lembrych S, et al. **Ginekol Pol** 1984 Jul;55(7):499-503 (Eng. Abstr.) **(Pol)**

ADVERSE EFFECTS

[Rupture of the uterus. Induction of labor with prostaglandin F2 alpha on account of intrauterine death in the 3rd trimester] Larsen JF, et al. **Ugeskr Laeger** 1984 Jul 2; 146(27):2018-9 (Eng. Abstr.) **(Dan)**

ANALYSIS

Etiology of infertility in monkeys with endometriosis: measurement of peritoneal fluid prostaglandins. Schenken RS, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):349-53

Effect of indomethacin in vivo on prostaglandin content of several rabbit tissues. Jones MA, et al. **Prostaglandins** 1984 Jul;28(1):111-8

Menstrual-PGF2 alpha, PGE2 and TXA2 in normal and dysmenorrheic women and their temporal relationship to dysmenorrhea. Powell AM, et al. **Prostaglandins** 1985 Feb; 29(2):273-90

PGF2 alpha levels in breast cancer tissue. Vergote I, et al. **Prostaglandins Leukotrienes Med** 1984 Nov;16(2):249-51

Prostaglandin E2 and F2 alpha contents of broncho-alveolar lavage fluids from normal subjects and patients with diffuse interstitial pulmonary disease. Ogushi F, et al. **Tokushima J Exp Med** 1984 Jun;31(1-2):13-20

[Radioimmunological study of prostaglandin F2 alpha in the plasma and urine by using a Hungarian set (kit) for radioimmunologic determination] Somova L, et al. **Eksp Med Morfol** 1984;23(3):158-61 (Eng. Abstr.) **(Bul)**

[Measurement of PGF 2 alpha in the cerebral cortex of rats in experimental cerebral ischemia] Mu QQ. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Apr; 18(2):93-7 (Eng. Abstr.) **(Chi)**

ANTAGONISTS & INHIBITORS

Nifedipine inhibits human bronchial smooth muscle contractions induced by leukotrienes C4 and D4, prostaglandin F2 alpha, and potassium. Kohrogi H, et al. **Am Rev Respir Dis** 1985 Aug;132(2):299-304

Partial purification and characterisation of two compounds from amniotic fluid which inhibit phospholipase activity in human endometrial cells. Wilson T, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):22-9

Teratological evaluation of a novel antiabortifacient, dibenzyloxyindanpropionic acid--I. Dysmorphological and histopathological studies. del Vecchio FR, et al. **Gen Pharmacol** 1984;15(6):461-9

Suppression of prostaglandin F-2 alpha release and delay of luteolysis after active immunization against oxytocin in the goat. Cooke RG, et al. **J Reprod Fertil** 1985 Sep; 75(1):63-8

BIOSYNTHESIS

Relation between cyclic adenosine monophosphate and prostaglandin output by dispersed cells from human amnion and decidua. Warrick C, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):66-71

On the metabolism of epoxyeicosatrienoic acids by ram seminal vesicles: isolation of 5(6)epoxy-prostaglandin F1 alpha. Oliw EH, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1090-6

Biosynthesis of 5,6-dihydroxyprostaglandin E1 and F1 alpha from 5,6-dihydroxyeicosatrienoic acid by ram seminal vesicles. Oliw EH. **Biochim Biophys Acta** 1984 Sep 12; 795(2):384-91

Relationship of 15-keto-13,14-dihydro-prostaglandin F2 alpha concentrations in peripheral plasma with local uterine production of F series prostaglandins and changes in uterine blood flow during the early postpartum period of cattle. Guilbault LA, et al. **Biol Reprod** 1984 Dec;31(5):870-8

Source of F series prostaglandins during the early postpartum period in cattle. Guilbault LA, et al. **Biol Reprod** 1984 Dec; 31(5):879-87

The formation and regional distribution of prostaglandins D2 and F2 alpha in the brain of spontaneously convulsing gerbils. Seregi A, et al. **Brain Res** 1985 Jun 24;337(1):171-4

Effect of oral ibuprofen on formation of prostaglandins E and F by human gallbladder muscle and mucosa. Kaminski DL, et al. **Dig Dis Sci** 1985 Oct;30(10):933-40

Estradiol stimulates rat renopapillary prostaglandin E2 (PGE2), but not PGF2 alpha biosynthesis. Katayama S, et al. **Endocrinology** 1985 Aug;117(2):656-61

Synthesis of steroid hormones by granulosa cells of the ovary in vitro. Skrzypczak J. **Ginekol Pol** 1984 May;55(5):301-5

Prostaglandin biosynthesis in the rat lens. Keeting PE, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1083-6

Enzymatic formation of prostaglandin F2 alpha from prostaglandin H2 and D2. Purification and properties of prostaglandin F synthetase from bovine lung. Watanabe K, et al. **J Biol Chem** 1985 Jun 10;260(11):7035-41

In vitro effects of ovarian steroids on prostaglandin F2 alpha output by human endometrium and endometrial epithelial cells. Schatz F, et al. **J Clin Endocrinol Metab** 1985 Aug; 61(2):361-7

Synthesis of prostaglandin E2 and F2 alpha in human tonsillar lymphocytes. Morimoto K, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(1):26-31

Transformation of prostaglandin D2 to 9 alpha, 11 beta-(15S)-trihydroxyprosta-(5Z,13E)-dien-1-oic acid (9 alpha, 11 beta-prostaglandin F2): a unique biologically active prostaglandin produced enzymatically in vivo in humans. Liston TE, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6030-4

Inhibitory effects of dispersed human amnion cells on production rates of prostaglandin E and F by endometrial cells. Manzai M, et al. **Prostaglandins** 1984 Sep; 28(3):297-307

Age-, cycle- and topographic dependency of human myometrial prostaglandin (6-keto-PGF1 alpha, PGF2 alpha)-synthesis in vitro. Quaas L, et al. **Prostaglandins** 1985 May;29(5):739-45

Synthesis of prostaglandin F by cultured human endometrial cells. Skinner SJ, et al. **Prostaglandins** 1984 Jun; 27(6):821-38

On the synthesis of prostaglandins E1, E2 and E2 alpha by sow oviducts. Differential modulation of 1 and 2 series of prostaglandins by norepinephrine. Gimeno MF, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):61-70

Evaluation of the role of prostaglandins E and F in human cholecystitis. Kaminski DL, et al. **Prostaglandins Leukotrienes Med** 1984 Oct;16(1):109-20

BLOOD

Vasopressin and prostaglandins in premenstrual pain and primary dysmenorrhea. Strömberg P, et al. **Acta Obstet Gynecol Scand** 1984;63(6):533-8

Some reproductive and clinical aspects of endotoxins in cows with special emphasis on the role of prostaglandins. Fredriksson G. **Acta Vet Scand** 1984;25(3):365-77

6-Keto prostaglandin F1 alpha, thromboxane B2, and 13,14-dihydro-15-keto prostaglandin F concentrations of normotensive and preeclamptic patients during pregnancy, delivery, and the postpartum period. Yamaguchi M, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):121-7

Cervical ripening with intracervical prostaglandin-E2 gel. I. Clinical results and effect on plasma levels of oxytocin and 13,14-dihydro,15-ketoprostaglandin-F2 alpha. Fuchs AR, et al. **Am J Perinatol** 1983 Oct;1(1):64-9

Differences in human plasma oxytocin, prostaglandin E1, E2 and F2 alpha levels between spontaneous and amniotomy-induced labors. Nagata I, et al. **Asia Oceania J Obstet Gynaecol** 1984 Dec;10(4):513-20

Relationship of 15-keto-13,14-dihydro-prostaglandin F2 alpha concentrations in peripheral plasma with local uterine production of F series prostaglandins and changes in uterine blood flow during the early postpartum period of cattle. Guilbault LA, et al. **Biol Reprod** 1984 Dec;31(5):870-8

Reduced side effects by low dose of acetylsalicylic acid (ASA) in patients with myocardial infarction; estimations of serum thromboxane B2 and PGF2 alpha. Hoffmann W, et al. **Biomed Biochim Acta** 1984;43(8-9):S467-70

The influence of spontaneous and induced labour on the rise in prostaglandins at amniotomy. Sellers SM, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):849-52

The effect of cervical dilatation by laminaria on the plasma levels of 15-keto-13,14-dihydro-PGF2 alpha. Olund A, et al. **Contraception** 1984 Jul;30(1):23-7

Changes in the concentrations of plasma steroid hormone and plasma 13, 14-dihydro-15-oxo-prostaglandin F2 alpha in late pregnancy rabbits treated with an inhibitor of 3 beta-hydroxysteroid dehydrogenase. Makimura N, et al. **Endocrinol Jpn** 1984 Jun;31(3):349-53

Concentrations of 15-keto-13, 14-dihydro-prostaglandin F2 alpha in the mare during spontaneous and oxytocin induced foaling. Stewart DR, et al. **Equine Vet J** 1984 Jul; 16(4):270-4

Plasma prostaglandin F2 alpha and plasma 13,14-dihydro-15-keto-prostaglandin F2 alpha levels in women during induction of labor with i.v. infusion of prostaglandin F2 alpha in relation to uterine contractions. Rasmussen AB, et al. **J Perinat Med** 1985;13(1):15-21

Plasma concentrations of progesterone and 13,14-dihydro-15-keto-prostaglandin F-2 alpha during regression of the corpora lutea of lactation in the bandicoot (Isoodon macrourus). Gemmell RT. **J Reprod Fertil** 1984 Nov;72(2):295-9

The relationship between 'zheng-syndromes' in traditional Chinese medicine and prostaglandins. Oshima Y, et al. **J Tradit Chin Med** 1985 Mar;5(1):31-40

Effect of beta-mimetic tocolysis on cervical ripening and plasma prostaglandin F2 alpha metabolite after endocervical application of prostaglandin E2. Goeschen K, et al. **Obstet Gynecol** 1985 Feb;65(2):166-71

6-Keto prostaglandin F1 alpha, thromboxane B2 and 13,14-dihydro-15-keto prostaglandin F levels in maternal and fetal plasma. Yamaguchi M, et al. **Prostaglandins Leukotrienes Med** 1984 Sep;15(3):325-36

Effect of PGF2 alpha administration on the release of endogenous PGF2 alpha and oxytocin in indomethacin-treated goats. Homeida AM, et al. **Res Vet Sci** 1985 Jul;39(1):66-9

The effect of a long-acting carba analogue of oxytocin on prostaglandin F2 alpha metabolite levels during the oestrous cycle in swine. Cort N, et al. **Zentralbl Veterinarmed** [A] 1984 Aug;31(7):489-98

Intrauterine bacterial findings and release of PGF2 alpha in the postpartum dairy cow. Fredriksson G, et al. **Zentralbl Veterinarmed** [A] 1985 May;32(5):368-80

[Premature membrane rupture: effect of intracervical PGE2 gel administration on plasma oxytocin, PGFM and PGEM levels in mother and child] Goeschen K, et al. **Geburtshilfe Frauenheilkd** 1984 Dec;44(12):772-6 (Eng. Abstr.) **(Ger)**

[Plasma prostaglandin E2 and F2 alpha levels in patients with mucocutaneous lymph node syndrome (Kawasaki disease) and anaphylactoid purpura] Lee T. **Arerugi** 1985 Mar; 34(3):147-54 (Eng. Abstr.) **(Jpn)**

[Effect of psychological stress on the activity of the sympathetic-adrenal system and blood levels of PGE2, PGF2 alpha and 6-keto-PGF1 alpha in patients with primary arterial hypertension] Wocial B, et al. **Pol Arch Med Wewn** 1984 Oct;72(4):175-81 (Eng. Abstr.) **(Pol)**

CEREBROSPINAL FLUID

Cerebrospinal fluid prostaglandin F2 alpha in stroke patients: no relationship to the degree of neurological deficit. Kostić VS, et al. **Eur Neurol** 1984;23(4):291-5

[Prostaglandin F2 Alpha levels of the cerebrospinal fluid in patients with cerebrovascular diseases] Hu CL. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Jun; 17(3):170-3 (Eng. Abstr.) **(Chi)**

DIAGNOSTIC USE

[Vasoconstrictive effects of prostaglandin F2 alpha in mesenteric angiography--diagnostic and therapeutic values] Fujita M, et al. **Rinsho Hoshasen** 1985 Apr; 30(4):475-80 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

Monoclonal antibodies against E- and F-type prostaglandins. High specificity and sensitivity in conventional radioimmunoassays. Brune K, et al. **FEBS Lett** 1985 Jul 1;186(1):46-50

ISOLATION & PURIFICATION

[Effect of the chromatographic purification method on the isolation of prostaglandins E and F from a natural lipid mixture and their stability] Bragintseva LM, et al. **Farmakol Toksikol** 1985 Jan-Feb;48(1):51-4 (Eng. Abstr.) **(Rus)**

METABOLISM

Renal excretion of prostaglandin metabolites, arginine vasopressin, and sodium during endotoxin and endogenous pyrogen induced fever in the goat. Jónasson H, et al. **Acta Physiol Scand** 1984 Apr;120(4):529-36

Relationship between zinc and prostaglandin metabolisms in plasma and small intestine of rats. Song MK, et al. **Am J Clin Nutr** 1985 Jun;41(6):1201-9

Arachidonic acid metabolites in milk of cows during acute coliform mastitis. Anderson KL, et al. **Am J Vet Res** 1985 Jul;46(7):1573-7

Prostaglandins in blister fluid after contact with an irritant and contact allergens. Salo H, et al. **Arch Dermatol Res** 1985;277(4):326-7

Cyclic nucleotide and prostaglandin F2 alpha contents of otosclerotic auditory ossicles. Ribári O, et al. **Arch Otorhinolaryngol** 1985;242(1):63-6

Relationship between prostaglandin F and steroids in human peripheral venous plasma and concentration of prostaglandin F in corpus luteum. Tanaka S, et al. **Asia Oceania J Obstet Gynaecol** 1984 Sep;10(3):367-73

Prostaglandin F2 alpha in benign and malignant breast tumours. Vergote IB, et al. **Br J Cancer** 1985 Jun; 51(6):827-36

Metabolism of prostaglandin F2 alpha in the fetal circulation of the human term placenta in vitro. Ekblad U, et al. **Gynecol Obstet Invest** 1984;18(6):306-10

Prostaglandins E & F levels in mice infected with Giardia lamblia. Ganguly NK, et al. **Indian J Med Res** 1984 Jun; 79:755-9

[3H]Prostaglandin accumulation in vitro by baboon uterus. Jones MA, et al. **J Endocrinol** 1985 Jul;106(1):49-53

Physical model approach to gastrointestinal absorption of prostaglandins II: In situ rat intestinal absorption of dinoprost. Park JY, et al. **J Pharm Sci** 1984 Nov; 73(11):1588-94

Failure to detect specific binding sites for prostaglandin F-2 alpha in membrane preparations from rat endometrium. Martel D, et al. **J Reprod Fertil** 1985 Sep;75(1):265-74

A quantitative electron microscope autoradiographic study on [3H]prostaglandin E1 and F2 alpha internalization in bovine luteal slices. Chegini N, et al. **Mol Cell Endocrinol** 1984 Dec;38(2-3):117-29

Effect of carrageenin-induced pedal edema on rat brain prostaglandins. Bhattacharya SK, et al. **Neurochem Pathol** 1984 Fall;2(3):163-9

Decidual morphology and F prostaglandin in amniotic fluid in stretch-induced abortion. Manabe Y, et al. **Obstet Gynecol** 1984 Nov;64(5):661-5

Estradiol -17-beta enhances the formation of (3H)-PGF2 alpha from (3H)-PGE2 in the uterus isolated from ovariectomized rats. Franchi AM, et al. **Prostaglandins** 1985 May;29(5):773-83

Prostaglandin F and E levels in the conceptus, uterus and plasma during early pregnancy in the ewe. Rawlings NC, et al. **Prostaglandins** 1985 Jun;29(6):933-51

The ovarian enzyme catalyzing conversion of 13,14-dihydro-15-ketoprostaglandin F2 alpha to 13,14-dihydroprostaglandin F2 alpha in rats. Inazu N, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jul; 49(1):149-52

[Experimental studies on the mechanism of implantation observed from PGF levels] Kasamo M. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan;37(1):83-91 (Eng. Abstr.) **(Jpn)**

[Prostaglandin metabolism in the liver of rats with different preferences for ethanol] Buko VU. **Vopr Med Khim** 1984; 30(6):61-4 (Eng. Abstr.) **(Rus)**

[Prostaglandin levels of the plasma and urine of hypertensive patients of different ages] Ena LM, et al. **Vrach Delo** 1985 Feb;(2):83-6 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Effect of theophylline F2-alpha-induced contractile activity of the uterus. Pajor A, et al. **Acta Chir Hung** 1984; 25(4):219-27

The effect of infused prostaglandin F2 alpha on plasma antidiuretic hormone and renin activity in early human pregnancy. Punnonen R, et al. **Acta Obstet Gynecol Scand** 1984;63(5):455-7

Cellular calcium and the contraction induced by prostaglandin F2 alpha in feline cerebral arteries. Uski TK. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb;56(2):117-25

Effect of PGF2 alpha administered in cytoprotective and antisecretory doses on the ethanol- and HCl-induced gastric mucosal damage and gastric mucosal superoxide dismutase activity in rats. Czeglédi B, et al. **Acta Physiol Hung** 1984;64(3-4):331-7

Evidence for the development of tolerance to PGF2 alpha on the ethanol-induced gastric mucosal damage. Jávor T, et al. **Acta Physiol Hung** 1984;64(3-4):237-40

Characterization of the prostanoid receptors and of the contractile effects of prostaglandin F2 alpha in human pial arteries. Uski TK, et al. **Acta Physiol Scand** 1984 Aug; 121(4):369-78

Effects of prostaglandin E2, prostaglandin F2 alpha and endotoxin on plasma calcium levels in the goat. Fredriksson G, et al. **Acta Vet Scand** 1984;25(3):378-84

The morphologic characteristics of cervical ripening induced by the hormones relaxin and prostaglandin F2 alpha in a rabbit model. MacLennan AH, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):691-6

Gastric vasoconstrictor actions of leukotriene C4, PGF2 alpha, and thromboxane mimetic U-46619 on rat submucosal microcirculation in vivo. Whittle BJ, et al. **Am J Physiol** 1985 May;248(5 Pt 1):G580-6

Relative oxytocic properties of fenprostalene compared with cloprostenol, prostaglandin F2 alpha, and oxytocin in the ovariectomized ewe. Garcia-Villar R, et al. **Am J Vet Res** 1985 Apr;46(4):841-4

Modulation of the bronchomotor effects of chemical mediators by prostaglandin F2 alpha in asthmatic subjects. Fish JE, et al. **Am Rev Respir Dis** 1984 Oct;130(4):571-4

Prostaglandin F2 alpha improves oxygen tension and reduces venous admixture during one-lung ventilation in anesthetized paralyzed dogs. Scherer RW, et al. **Anesthesiology** 1985 Jan;62(1):23-8

Effects of oxytocin and prostaglandin F2 alpha on pregnant human myometrium recorded by the single sucrose-gap method--comparison of an in vitro experiment and an in vivo trial. Kawarabayashi T, et al. **Asia Oceania J Obstet Gynaecol** 1985 Jun;11(2):247-53

PGE1 not PGF2 alpha reverses the anti-actin antibody stimulation of protein phosphorylation and DNA synthesis in L cells. Shearer WT, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):23-8

Rapid calcium mobilization by vasopressin and prostaglandin F2 alpha is independent of sodium influx in quiescent 3T3 cells. Smith JB, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):803-9

Hyperbilirubinaemia in neonatal rats after oxytocin or prostaglandin F2 alpha treatment of pregnant rats. Hollingsworth M, et al. **Biol Neonate** 1985;47(5):288-94

Luteinizing hormone receptors and progesterone content in porcine corpora lutea after prostaglandin F2 alpha. Barb CR, et al. **Biol Reprod** 1984 Dec;31(5):913-9

Effects of prostaglandin F2 alpha on agonist-induced progesterone production in cultured bovine luteal cells. Pate JL, et al. **Biol Reprod** 1984 Oct;31(3):427-35

Significance of sympathetic nervous system for the central antiarrhythmic effect of prostaglandin E2, F2 alpha and I2 on aconitine induced cardiac arrhythmias in rats. Mest HJ, et al. **Biomed Biochim Acta** 1984;43(8-9):S143-6

Effects of prostaglandin F2 alpha on prolactin secretion in the fowl. Hall TR, et al. **Br Poult Sci** 1985 Apr;26(2):239-45

Effects of prostaglandins and luteinizing hormone-releasing hormone on phosphatidic acid-phosphatidylinositol labeling in rat granulosa cells. Minegishi T, et al. **Can J Physiol Pharmacol** 1985 Apr;63(4):320-4

The effect of prostaglandins F2 alpha and E2 on the adrenergic activity of the uterus of laying hens (Gallus domesticus) in vitro. Iturri SJ, et al. **Comp Biochem Physiol** [C] 1985;80(1):91-4

Influence of human chorionic gonadotropin and prostaglandins on the steroid metabolism of the perfused human placenta. Wolf AS, et al. **Contrib Gynecol Obstet** 1985;13:162-4

Prostaglandin F2 alpha-induced estrus in open cows and presumed abortion in pregnant cows with unobserved estrus in a herd monitored by milk progesterone assay. Cavestany D, et al. **Cornell Vet** 1985 Jul;75(3):393-7

Release of progesterone by porcine luteal cells from different days of estrous cycle: effect of LH, PRL and PGF2 alpha. Grażul A. **Endocrinol Exp (Bratisl)** 1985 Jun;19(2):117-28

Luteinizing hormone (LH) receptor aggregation: modification of ferritin-LH binding and aggregation by prostaglandin F2 alpha and ferritin-LH. Luborsky JL, et al. **Endocrinology** 1984 Dec;115(6):2217-26

Prostaglandin F2 alpha inhibits luteinizing hormone (LH)-induced increase in LH receptor binding to isolated rat luteal cells. Luborsky JL, et al. **Endocrinology** 1984 Dec; 115(6):2210-6

Changes in inhibin-like bioactivity in ovulatory and atretic follicles and utero-ovarian venous blood after prostaglandin-induced luteolysis in heifers. Padmanabhan V, et al. **Endocrinology** 1984 Oct;115(4):1332-40

A luteotrophic action of prolactin: suppression of intraluteal prostaglandin production or effect? Ueda K, et al. **Endocrinology** 1985 Feb;116(2):772-8

The relationship between prostaglandins and histamine in the ovulatory process as determined with the in vitro perfused rabbit ovary. Kitai H, et al. **Fertil Steril** 1985 Apr; 43(4):646-51

Effect of temperature, 17 alpha-hydroxy-20 beta-dihydroprogesterone and prostaglandin F2 alpha on carp oocyte maturation and ovulation in vitro. Epler P, et al. **Gen Comp Endocrinol** 1985 May;58(2):192-201

Luteolysis induced by prostaglandin F2 alpha in the lizard, Anolis carolinensis. Guillette LJ Jr, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):271-7

The effects of prostaglandin F2 alpha in the human eye. Giuffrè G. **Graefes Arch Clin Exp Ophthalmol** 1985; 222(3):139-41

Prostaglandin-F2 alpha stimulates reproductive behavior of female paradise fish (Macropodus opercularis). Villars TA, et al. **Horm Behav** 1985 Mar;19(1):21-35

Effect of bilateral hysterectomy and PGF2 alpha substitution on serum cholesterol fractions in albino rats. Nagalakshmi A, et al. **Indian J Exp Biol** 1984 Apr;22(4):182-4

Effect of short-term & long-term treatment of PGF2 alpha on cholesterol fractions in the ovary, vagina & serum of albino rat. Nagalakshmi A, et al. **Indian J Med Res** 1985 Jan;81:57-60

Effects of PGF2 alpha on the active Arthus reaction in rat and rabbit tongues. Terner K, et al. **Int J Tissue React** 1985;7(2):105-10

Effect of prostaglandin F2 alpha, phenylephrine and ergonovine on uterine contractions in the ewe. Hawk HW, et al. **J Anim Sci** 1985 Feb;60(2):537-43

Maintenance of the corpus luteum of early pregnancy in the ewe. III. Differences between pregnant and nonpregnant ewes in luteal responsiveness to prostaglandin F2 alpha. Silvia WJ, et al. **J Anim Sci** 1984 Sep;59(3):746-53

Augmentation of parasympathetic contraction in tracheal and bronchial airways by PGF2 alpha in situ. Leff AR, et al. **J Appl Physiol** 1985 May;58(5):1558-64

Stage of estrous cycle, time of insemination, and seasonal effects on estrus and fertility of Holstein heifers after prostaglandin F2 alpha. Stevenson JS, et al. **J Dairy Sci** 1984 Aug;67(8):1798-805

Effect of prostaglandin F2 alpha on brain and stomach 5-hydroxytryptamine. Sanyal AK, et al. **J Pharm Pharmacol** 1985 Apr;37(4):274-5

Influence of mediators of anaphylaxis on collateral ventilation and the lung periphery of the dog. Spannhake EW, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):491-7

Effects of diltiazem and nitroglycerin on prostaglandin F2 alpha-induced periodic contractions of isolated human coronary arteries. Kawasaki K, et al. **Jpn Circ J** 1985 Feb; 49(2):145-54

The influence of prostaglandins upon the umbilical and placental circulation in human in vitro. Czekanowski R, et al. **Mater Med Pol** 1984 Apr-Dec;16(2-4):108-15

Central administration of prostaglandin E2 facilitates while F2 alpha attenuates acute dependence upon morphine rats. Nielsen JA, et al. **Pharmacol Biochem Behav** 1985 Jun; 22(6):9[illegible]3-9

Mechanism of the inhibition of platelet aggregation produced by prostaglandin F2 alpha. Armstrong RA, et al. **Prostaglandins** 1985 Apr;29(4):601-10

The effect of PGF2 alpha on in vivo cerebral arteriolar diameter in cats and rats. Ellis EF, et al. **Prostaglandins** 1983 Dec;26(6):917-23

Interactions of prostaglandins with subpopulations of ovine luteal cells. II. Inhibitory effects of PGF2 alpha and protection by PGE2. Fitz TA, et al. **Prostaglandins** 1984 Jul;28(1):127-38

Prostaglandin F2 alpha increases responsiveness of pulmonary airways in dogs. O'Byrne PM, et al. **Prostaglandins** 1984 Oct;28(4):537-43

Prostaglandins involvement in the formation of luteinized unruptured follicles in the cyclic female rat. Plas-Roser S, et al. **Prostaglandins** 1985 Feb;29(2):243-53

The effects of PGF2 alpha, PGE2 and 16, 16 dimethyl PGE2 on gastric emptying and small intestinal transit in rat. Ruwart MJ, et al. **Prostaglandins** 1984 Dec;28(6):915-28

Effect of prostaglandin F2 alpha at different stages of guinea-pig pregnancy. Sin IL, et al. **Prostaglandins** 1984 Oct;28(4):517-25

In vitro effects of PGF2 alpha and a metabolically stable derivative on 20 alpha-hydroxysteroid-dehydrogenase activity in corpora lutea isolated from pseudopregnant rat ovaries. Brambaifa N, et al. **Prostaglandins Leukotrienes Med** 1984 Aug;15(2):199-208

Effect of PGF-2 alpha on progesterone production in swine luteal cells at different stages of the luteal phase. Mattioli M, et al. **Prostaglandins Leukotrienes Med** 1985 Jan; 17(1):43-54

Prostaglandins and ovarian factors as modulators of the negative inotropic action of histamine in the isolated rat uterus. Viggiano M, et al. **Prostaglandins Leukotrienes Med** 1984 Dec;16(3):267-78

The in vivo effects of prostaglandin F2 alpha and prostaglandin E2 on rat urinary excretion of vanillylmandelic acid. Yamada K, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jul;49(1):137-40

Effect of PGF2 alpha administration on the release of endogenous PGF2 alpha and oxytocin in indomethacin-treated goats. Homeida AM, et al. **Res Vet Sci** 1985 Jul;39(1):66-9

Progestogen and prostaglandin-combined treatments for synchronization of oestrus in post partum crossbred (Bos indicus x Bos taurus) or zebu cows. Lokhande SM, et al. **Rev Elev Med Vet Pays Trop** 1984;37(1):73-8

PGF2 alpha mediated cytoprotection: a reassessment. Gaskill HV 3d, et al. **Surg Gastroenterol** 1984;3(1):21-6

Effect of indomethacin and prostaglandin F2 alpha on incorporation of [3H]uridine by preimplantation mouse embryo. Uehara S, et al. **Tohoku J Exp Med** 1984 Jul; 143(3):319-26

Effect of estradiol, prostaglandin E2 and prostaglandin F2 alpha on incorporation of [3H]uridine by preimplantation mouse embryos in vitro. Uehara S, et al. **Tohoku J Exp Med** 1984 Nov;144(3):305-13

Fertility of the West African dwarf goat in its native environment following prostaglandin F2-alpha induced estrus. Akusu MO, et al. **Vet Q** 1984 Jul;6(3):173-6

Increased conception rate in dairy cows after PGF2 alpha [letter] Caldow GL. **Vet Rec** 1984 Dec 8;115(23):606

Increased conception rate in dairy cows after PGF2 alpha [letter] Tindall JR. **Vet Rec** 1984 Dec 1;115(22):582

Increased conception rate in dairy cows after PGF2 alpha [letter] Young IM, et al. **Vet Rec** 1985 Jan 5;116(1):26-7

The effects of prostaglandins F2 alpha and E2 on the motility of the cat colon in vitro. Wienbeck M, et al. **Z Gastroenterol** 1984 Oct;22(10):580-5

[Alfaprostol for the induction of ovulation during estrus in the mare (2)] Arbeiter K, et al. **DTW** 1985 Mar 8;92(3):87-8 (Eng. Abstr.) **(Ger)**

[Analogs of prostaglandin-related substances and inhibitors of their formation and metabolism. Clinical application: gyneco-obstetrical diseases] Satoh K. **Nippon Rinsho** 1985 Mar;43(3):592-7 **(Jpn)**

[Effect of the degree of readiness of the cervix uteri on the dynamics of labor induced with prostaglandin F2 alpha] Kuźniar B, et al. **Ginekol Pol** 1984 Jul;55(7):493-8 (Eng. Abstr.) **(Pol)**

[Effect of series E and F prostaglandins on the reaction of the pentosephosphate pathway of carbohydrate metabolism in isolated perfused rat organs] Kudriavtseva GV, et al. **Biokhimiia** 1984 Nov;49(11):1847-53 (Eng. Abstr.) **(Rus)**

[Effect of prostaglandin F2 alpha on the microvessels in a transparent chamber implanted in the rabbit concha auriculae] Reutov MI, et al. **Biull Eksp Biol Med** 1985 Jul; 100(7):8-10 (Eng. Abstr.) **(Rus)**

[Comparative effects of prostaglandins and ACTH on the production of corticosterone and cyclic AMP in isolated adrenal gland cells of rats] Morozova MS, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):67-70 (Eng. Abstr.) **(Rus)**

[The effect of hormonal preparations on superovulation and egg transport in ewes] Arendarčik J, et al. **Vet Med (Praha)** 1984 Oct;29(10):619-26 (Eng. Abstr.) **(Slo)**

PHYSIOLOGY

[Cellular and molecular basis of the participation of prostaglandins in the function of the nervous system] Gromov AI, et al. **Usp Fiziol Nauk** 1985 Apr-Jun; 16(2):77-97 (147 ref.) **(Rus)**

SECRETION

In vitro influence of steroids, histamine, adrenaline and oxytocin on secretion of prostaglandins PGE2 and PGF2 alpha by human fetal membranes. Acker GM, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:67-71

Effect of trifluoperazine, a calmodulin antagonist, on prostaglandin output from the guinea-pig uterus. Poyser NL. **J Reprod Fertil** 1985 Jan;73(1):295-303

Prostaglandin F2 alpha output by human endometrium under superfusion and organ culture conditions. Markiewicz L, et al. **J Steroid Biochem** 1985 Feb;22(2):231-5

THERAPEUTIC USE

Evaluation of intra-amniotic administration of 120 gm of urea with 5 mg of prostaglandin F2 alpha for midtrimester termination of pregnancy between 20 and 24 weeks' gestation. Haning RV Jr, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):92-6

Prostaglandin therapeutics in the bitch and queen. Henderson RT. **Aust Vet J** 1984 Oct;61(10):317-9

Prostaglandin F2 alpha for prevention of urinary retention after vaginal hysterectomy. Jaschevatzky OE, et al. **Obstet Gynecol** 1985 Aug;66(2):244-7

[Prostaglandin F2 alpha (Enzaprost) in the therapy of sterility in cattle] Bach S, et al. **Arch Exp Veterinarmed** 1985 Jan; 39(1):1-9 (Eng. Abstr.) **(Ger)**

[Analysis of the correlation between the dose-response curve for prostaglandin F2alpha and the progress of pregnancy, cervix ripening, pharmacologic estrogen premedication and Partusisten administration in prostaglandin-induced labor] Czekanowski R, et al. **Zentralbl Gynakol** 1985;107(2):79-83 (Eng. Abstr.) **(Ger)**

[Preparation of the immature cervix with prostaglandin F2 alpha prior to the induction of labor] Kuhl A, et al. **Orv Hetil** 1984 Nov 4;125(45):2729-32 (Eng. Abstr.) **(Hun)**

[Estrogen and progesterone receptors in the decidual tissue of women administered prostaglandins and experiencing spontaneous abortion] Asribekova MK, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):26-9 (Eng. Abstr.) (Rus)

URINE

Altered renal prostaglandin production after sodium loading in hypertensive patients. Neri Serneri GG, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:203-8

High potassium intake selectively increases urinary PGF2 alpha excretion in the rat. Nasjletti A, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):F382-8

Effect of sodium loading on the urinary excretion of prostaglandins E2 and F2 alpha in rats with hereditary diabetes insipidus (Brattleboro rats). Rathaus M, et al. **Clin Sci** 1985 Jan;68(1):93-6

Urinary prostaglandins E2 and F2 alpha in chronic renal failure. Influence of chronic and acute changes in Na balance. Schneider M, et al. **Nephron** 1985;40(2):152-4

[Prostaglandin studies in normal subjects and in post-myocardial infarct patients] Lijnen P. **Verh K Acad Geneeskd Belg** 1985;47(1):49-62 (Eng. Abstr.) (Dut)

[Renal prostaglandins in patients with primary arterial hypertension] Ignatowska-Switalska H. **Pol Arch Med Wewn** 1984 Oct;72(4):159-66 (Eng. Abstr.) (Pol)

[Effect of diuretics on the humoral system of kidney prostaglandins in hypertension patients] Nekrasova AA, et al. **Kardiologiia** 1984 Sep;24(9):98-104 (Eng. Abstr.) (Rus)

PROSTAGLANDINS F, SYNTHETIC

Menstrual regulation by (15S)-15 methyl prostaglandin F2 alpha by intramuscular route. Bhattacharaya PR, et al. **Asia Oceania J Obstet Gynaecol** 1984 Dec;10(4):435-7

500-MHz proton NMR studies of the medium-dependent conformational preference of prostaglandin F2 alpha analogues. Andersen NH, et al. **Biochemistry** 1985 Apr 23; 24(9):2338-47

Induction of parturition in cattle using dexamethasone and cloprostenol: economic performance and disease incidence after treatment. Murray RD, et al. **Vet Rec** 1984 Sep 22; 115(12):296-300

Routine induction of farrowing with dinoprost in a commercial sow breeding unit over a year. Young IM, et al. **Vet Rec** 1984 Nov 24;115(21):539-41

ADMINISTRATION & DOSAGE

15(S)-15-methyl-prostaglandin F2 alpha used for induction of delivery in the case of intra-uterine fetal death. Osler M, et al. **Acta Obstet Gynecol Scand** 1985;64(2):131-2

Postconceptional induction of menses with double prostaglandin F2 alpha impact. Borten M, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):1006-7

Menses induction in rhesus monkeys using a controlled-release vaginal delivery system containing (15S) 15-methyl prostaglandin F2 alpha methyl ester. Spilman CH, et al. **Fertil Steril** 1984 Oct;42(4):638-43

Cervix-dilative effect of PGF2 alpha after intracervical and extraovular administration. Pajor A, et al. **Ginekol Pol** 1984 Jun;55(6):421-5

[Submucosal vestibulo-vaginal administration of cloprostenol (Oestrophan-Spofa) in cows in relation to estrus activity, conception, and the level of progesterone in milk] Holý L. **Vet Med (Praha)** 1984 Sep;29(9):513-9 (Eng. Abstr.) (Cze)

[Liability, prostaglandins and Clostridium] van Nie GJ. **Tijdschr Diergeneeskd** 1984 Sep 1;109(17):669-71 (Eng. Abstr.) (Dut)

[Intramuscular administration of Prostin for abortion in the second trimester] Curić F, et al. **Jugosl Ginekol Opstet** 1984 May-Aug;24(3-4):68-70 (Eng. Abstr.) (Ser)

ANALYSIS

High-performance liquid chromatographic determination of acid-catalyzed degradation products of methyl carboprost in a polymeric controlled-release device. Plaisted SM, et al. **J Chromatogr** 1984 Nov 30;314:369-77

Degradation of fenprostalene in polyethylene glycol 400 solution. Johnson DM, et al. **J Pharm Sci** 1984 Oct; 73(10):1414-7

[Analysis of DL-15-methyl prostaglandin F2 alpha methyl ester] Luo SR. **Yao Hsueh Hsueh Pao** 1984 Mar; 19(3):237-40 (Eng. Abstr.) (Chi)

CHEMICAL SYNTHESIS

Synthesis and biological properties of 16(S)-amino-PGF2 alpha methyl ester. Ambrus G, et al. **Prostaglandins** 1985 Feb;29(2):303-12

[Synthesis of 16-(m-chlorophenoxy)-17, 18, 19, 20-tetranor-prostaglandin F2 alpha] Liu ZY, et al. **Yao Hsueh Hsueh Pao** 1985 Feb;20(2):140-2 (Eng. Abstr.) (Chi)

PHARMACODYNAMICS

Preventive effect of PGI2, 7-oxo-PGI2 and 17-aza-PGF2 alpha derivate on the development of indomethacin-induced intestinal mucosal damage in rats. Garamszegi M, et al. **Acta Physiol Hung** 1984; 64(3-4):349-53

Efficacy and safety of low-dose 15-methyl prostaglandins F2 alpha for cervical ripening in the first trimester of pregnancy [letter] Romem Y. **Am J Obstet Gynecol** 1984 Nov 15;150(6):798-9

Relative oxytocic properties of fenprostalene compared with cloprostenol, prostaglandin F2 alpha, and oxytocin in the ovariectomized ewe. Garcia-Villar R, et al. **Am J Vet Res** 1985 Apr;46(4):841-4

Effects of fluprostenol administration in mares during late pregnancy. Ousey JC, et al. **Equine Vet J** 1984 Jul; 16(4):264-9

The effect of prostaglandin F2 alpha analog on the plasma concentration of progesterone in the bandicoot, Isoodon macrourus (Marsupialia:Peramelidae), during lactation. Gemmell RT. **Gen Comp Endocrinol** 1985 Mar;57(3):405-10

Effects of bile salts and prostaglandins on sodium transport in isolated rat gastric mucosa. Nguyen DA, et al. **Gen Physiol Biophys** 1985 Aug;4(4):337-48

Prostaglandin induction of spawning behavior in Cichlasoma bimaculatum (Pisces cichlidae). Cole KS, et al. **Horm Behav** 1984 Sep;18(3):235-48

Effects of progesterone, oestradiol benzoate and cloprostenol on luteal function in the heifer. Munro RK, et al. **J Reprod Fertil** 1985 Mar;73(2):353-9

Cloprostenol-induced luteolysis in the marmoset monkey (Callithrix jacchus). Summers PM, et al. **J Reprod Fertil** 1985 Jan;73(1):133-8

Additional studies on pregnancy termination and inhibition of the monkey corpus luteum with 5-oxa-17-phenyl-18,19,20-trinor-PGF1 alpha methyl ester and structurally related prostaglandins. Wilks JW, et al. **Prostaglandins** 1984 Sep;28(3):323-32

Plasma progesterone and gonadotrophin concentrations following norgestomet treatment with and without cloprostenol in beef cows. Peters AR. **Vet Rec** 1984 Aug 25;115(8):164-6

Increased conception rate in dairy cows after early post partum administration of prostaglandin F2 alpha THAM. Young IM, et al. **Vet Rec** 1984 Oct 27;115(17):429-31

[Correlation between the thyroxine, 17-beta-estradiol and luteinizing hormones in the systemic circulation and the rectal and vaginal temperature in heifers and cows after administration of cloprostenol] Elečko J, et al. **Vet Med (Praha)** 1985 May;30(5):257-66 (Eng. Abstr.) (Slo)

[Biometric parameters of ovaries in the Tsigai strain of sheep and their changes after administration of cloprostenol] Maraček I, et al. **Vet Med (Praha)** 1985 Jan;30(1):11-20 (Eng. Abstr.) (Slo)

[Micromorphology of the endometrium of dairy cows after estrus synchronization with cloprostenol] Maraček I, et al. **Vet Med (Praha)** 1984 Nov;29(11):679-88 (Eng. Abstr.) (Slo)

THERAPEUTIC USE

The use of milk progesterone profiles for assessing the response to cloprostenol treatment of non-detected oestrus in dairy cattle. Ball PJ, et al. **Br Vet J** 1984 Nov-Dec; 140(6):543-9

Reproductive performance in dairy cows following postpartum treatment with gonadotrophin releasing hormone and/or prostaglandin: a field trial. Etherington WG, et al. **Can J Comp Med** 1984 Jul;48(3):245-50

Induction of oestrus and ovulation by means of prostaglandin and gonadoliberin (GnRH) treatment in an old mare barren for two breeding seasons. Penzhorn BL, et al. **J S Afr Vet Assoc** 1985 Mar;56(1):53-4

Ovarian cysts in dairy cattle--observations of symptoms and milk progesterone values; therapy with GnRH and a combination of GnRH and PG. Koppinen J, et al. **Nord Vet Med** 1984 Nov-Dec;36(11):361-6

[Comparative studies of hormonal methods for affecting the reproductive functions of cows being raised by different technics] Kostov L, et al. **Vet Med Nauki** 1984;21(6):67-74 (Eng. Abstr.) (Bul)

PROSTAGLANDINS G see under **PROSTAGLANDIN ENDOPEROXIDES**

PROSTAGLANDINS H see under **PROSTAGLANDIN ENDOPEROXIDES**

PROSTAGLANDINS I see **PROSTAGLANDINS X**

PROSTAGLANDINS I2 see **PROSTAGLANDINS X**

PROSTAGLANDINS, SYNTHETIC

Prostaglandin analogs. Radüchel B, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 14:263-307 (162 ref.)

[Analogs of prostaglandin-related substances and inhibitors of their generation and metabolism: development of new drugs] Ohki S, et al. **Nippon Rinsho** 1985 Mar;43(3):570-7 (Jpn)

ADMINISTRATION & DOSAGE

[Cervix ripening and labor induction in therapeutic abortion in the middle and late 2d trimester using intracervical and extra-amniotic prostaglandin gel administration] Rath W, et al. **Wien Klin Wochenschr** 1985 May 24;97(11):486-93 (Eng. Abstr.) (Ger)

ANALYSIS

Development of antibody-mediated extraction followed by GC/MS (antibody/GC/MS) and its application to iloprost determination in plasma. Krause W, et al. **Prostaglandins Leukotrienes Med** 1985 Feb;17(2):167-82

CHEMICAL SYNTHESIS

Synthesis of prostacyclin analogs. Aristoff PA. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 14:309-92 (193 ref.)

Synthesis of 6a-carbaprostaglandin I3. Amemiya S, et al. **Chem Pharm Bull (Tokyo)** 1984 Dec;32(12):4746-51

[Progress in modified prostaglandins] Wu YL. **Yao Hsueh Hsueh Pao** 1984 Jun;19(6):473-80 (Chi)

PHARMACODYNAMICS

Structure-activity relationship (SAR) among prostacyclin (PGI2) analogues. Kovács G, et al. **Acta Physiol Hung** 1984;64(3-4):225-30

Antisecretory and protective properties of prostaglandin analogues in man. Müller P, et al. **Acta Physiol Hung** 1984; 64(3-4):361-5

Interrelationships between the chemical structure of prostanoids and prostacyclins and their cytoprotective effects on the ethanol-induced gastric mucosal damage in rats (a comparative experimental study). Székely I, et al. **Acta Physiol Hung** 1984;64(3-4):231-5

Prostacyclin-synthesis stimulating plasma factor and platelet sensitivity in preeclampsia. Dadak C, et al. **Biol Res Pregnancy Perinatol** 1985;6(2):65-9

Effects of cyclic adenosine monophosphate and prostaglandins on Na+- and HCO3--induced dissipation of a proton gradient in isolated gastric mucosal surface cells of rabbits. Furukawa T, et al. **Gastroenterology** 1985 Sep;89(3):500-6

Prevention of cecitis in hamsters by certain prostaglandins. Robert A, et al. **Prostaglandins** 1985 Jun;29(6):961-80 (46 ref.)

The efflux from and the metabolism of 3H-norepinephrine in sow Graafian follicles. Variable involvement of some prostaglandins during two different stages of the sex cycle. Fernandez-Pardal J, et al. **Prostaglandins Leukotrienes Med** 1985 Jul;19(1):1-10

THERAPEUTIC USE

Effect of the thromboxane receptor antagonist EP 092 on endotoxin shock in the sheep. Armstrong RA, et al. **Prostaglandins** 1985 May;29(5):703-13

The stable prostacyclin analogue iloprost alleviates cardiovascular symptoms of systemic anaphylaxis in anaesthetized cats. Müller B, et al. **Prostaglandins Leukotrienes Med** 1985 Feb;17(2):147-8

Application of a new prostaglandin I2 analogue (APS-306) on cardiopulmonary bypass. Takahama T, et al. **Trans Am Soc Artif Intern Organs** 1984;30:44-8

[Prostaglandins. Principles and clinical use] Sinzinger H. **Med Monatsschr Pharm** 1985 May;8(5):137-44 (Ger)

[Effect of prostacycline on pulmonary circulation in pulmonary hypertension] Szczeklik J, et al. **Kardiol Pol** 1984;27(7):607-12 (Eng. Abstr.) (Pol)

[Prostaglandins in transfusion science (experimental research)] Glants RM. **Gematol Transfuziol** 1985 Jan; 30(1):3-7 (Eng. Abstr.) (Rus)

[Cytoprotective action of prostaglandins] Dats MS, et al. **Patol Fiziol Eksp Ter** 1985 May-Jun;(3):82-5 (71 ref.) (Rus)

PROSTAGLANDINS X

Prostacyclin and thromboxane in gynecology and obstetrics. Ylikorkala O, et al. **Am J Obstet Gynecol** 1985 Jun 1; 152(3):318-29 (162 ref.)

Participation of vascular prostacyclin for the pathogenesis of experimental glucocorticoid hypertension in rats. Miyamori I, et al. **Clin Exp Hypertens [A]** 1985;7(4):513-24

Preservation of platelet function in cryopreserved platelet concentrates with prostacyclin. Johnson EJ, et al. **Clin Lab Haematol** 1984;6(2):141-4

Prostacyclin-analogs. Nickolson RC, et al. **Med Res Rev** 1985 Jan-Mar;5(1):1-53 (238 ref.)

[Stability test of prostacyclin in solutions] Rácz I, et al. **Acta Pharm Hung** 1984 Nov;54(6):262-71 (Eng. Abstr.) (Hun)

ADMINISTRATION & DOSAGE

Disadvantages of prostacyclin infusion during cardiopulmonary bypass: a double-blind study of 50 patients having coronary revascularization. DiSesa VJ, et al. **Ann Thorac Surg** 1984 Nov;38(5):514-9

Prostacyclin infusion in patients with acute myocardial infarction. Henriksson P, et al. **Br Heart J** 1985 Feb; 53(2):173-9

Rebound platelet activation during continuous epoprostenol infusion [letter] Sinzinger H, et al. **Lancet** 1984 Sep 29; 2(8405):759

Prostacyclin infusion in acute cerebral infarction. Miller VT, et al. **Neurology** 1984 Nov;34(11):1431-5

ADVERSE EFFECTS

Platelet hyperaggregability occurring during prolonged continuous intravenous infusions of prostacyclin analogue ZK 36374. Yardumian DA, et al. **Br J Haematol** 1985 May; 60(1):109-16

Myocardial ischemia induced by prostacyclin and iloprost. Bugiardini R, et al. **Clin Pharmacol Ther** 1985 Jul; 38(1):101-8

Hypotension induced by prostacyclin treatment during cardiopulmonary bypass does not increase the risk of cerebral complications. Arén C, et al. **J Thorac Cardiovasc Surg** 1984 Nov;88(5 Pt 1):748-53

Severe hypotension due to epoprostenol [letter] Davies S, et al. **Lancet** 1984 Dec 15;2(8416):1401-2

ANALYSIS

Prostaglandins and thromboxanes in the bronchoalveolar lavage fluid: possible immunoregulation in sarcoidosis. Baughman RP, et al. **Am Rev Respir Dis** 1984 Nov; 130(5):933-6

High-performance liquid chromatography method for the separation of isomers of 9 beta-methylcarbacyclin (ciprostene) and the analysis of pharmaceutical samples. Theis DL, et al. **J Chromatogr** 1985 Mar 8;321(1):209-15

Alteration of thromboxane and prostacyclin levels in experimental spinal cord injury. Hsu CY, et al. **Neurology** 1985 Jul;35(7):1003-9

Prostacyclin content of jejunal mucosa in non-operated patients and after Billroth II gastrectomy. Banai J, et al. **Prostaglandins Leukotrienes Med** 1984 Nov;16(2):253-4

Development of antibody-mediated extraction followed by GC/MS (antibody/GC/MS) and its application to iloprost determination in plasma. Krause W, et al. **Prostaglandins Leukotrienes Med** 1985 Feb;17(2):167-82

ANTAGONISTS & INHIBITORS

Cumulative inhibitory effect of low-dose aspirin on vascular prostacyclin and platelet thromboxane production in patients with atherosclerosis. Weksler BB, et al. **Circulation** 1985 Feb;71(2):332-40

Cardiovascular changes in group B streptococcal sepsis in the piglet: response to indomethacin and relationship to prostacyclin and thromboxane A2. Runkle B, et al. **Pediatr Res** 1984 Sep;18(9):874-8

Effect of prostaglandin blockers on ascites fluid in pancreatitis. Farias LR, et al. **Surgery** 1985 Sep;98(3):571-8

BIOSYNTHESIS

Effect of acetylsalicylic acid on prostacyclin production in trophoblast. Rákóczi I, et al. **Acta Physiol Hung** 1985; 65(3):379-82

Does prostacyclin synthesis inhibition significantly contribute to nicotine effects on coronary blood flow? Kaijser L, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:97-100

Generation of C5a and prostacyclin (PGI2) in an inflammatory response to zymosan and a reversed passive Arthus-type reaction in the peritoneal cavity of the rabbit. Jose PJ, et al. **Agents Actions** 1985 Mar;16(1-2):39-40

Leucocytes activated by C5a des Arg promote endothelial prostacyclin (PGI2) production via release of oxygen species in vitro. Rampart M, et al. **Agents Actions** 1985 Mar;16(1-2):21-2

Prostacyclin and thromboxane A2 production by human cardiac atrial tissues. Mehta J, et al. **Am Heart J** 1985 Jan; 109(1):1-3

Influence of a vitamin E-deficient diet on prostacyclin production by mesometrial triangles and aortic rings from nondiabetic and diabetic pregnant rats. Spitz B, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):116-20

Preeclampsia: an imbalance in placental prostacyclin and thromboxane production. Walsh SW. **Am J Obstet Gynecol** 1985 Jun 1;152(3):335-40

Placental prostacyclin production in normal and toxemic pregnancies. Walsh SW, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):110-5

Staphylococcal alpha-toxin-induced PGI2 production in endothelial cells: role of calcium. Suttorp N, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):C127-34

Cyclosporine: renal effects and prostacyclin [letter] Duarte R. **Ann Intern Med** 1985 Mar;102(3):420

Prostacyclin formation in delayed pig flank flaps. Hauben DJ, et al. **Ann Plast Surg** 1984 Oct;13(4):304-8

The effect of prostaglandin modulators on prostate tumor growth and metastasis. Drago JR, et al. **Anticancer Res** 1984 Nov-Dec;4(6):391-4

Coagulant factor Xa inhibits prostacyclin formation in human endothelial cells. Role of factor V. Sinha AK, et al. **Arteriosclerosis** 1985 May-Jun;5(3):244-9

Prostacyclin production by endothelial cells. Effects of sera from normal and hyperlipidemic subjects. Tremoli E, et al. **Arteriosclerosis** 1985 Mar-Apr;5(2):178-85

Effects of common carotid artery damage on anti-platelet-aggregability and PGI2 production in rats. Suzuki H, et al. **Biochem Pharmacol** 1985 Jun 15; 34(12):2097-101

Prostacyclin-synthesis stimulating plasma factor and platelet sensitivity in preeclampsia. Dadak C, et al. **Biol Res Pregnancy Perinatol** 1985;6(2):65-9

Regulatory action of cholesterol esters on the eicosanoid metabolism. Beitz J, et al. **Biomed Biochim Acta** 1984; 43(8-9):S300-3

Influence of indometacin administered in vivo on the synthesis of PGI2-like substances in human veins. Fahr A, et al. **Biomed Biochim Acta** 1984;43(8-9):S451-4

Prostacyclin formation by human aorta in different types of atherosclerotic lesion. Geling NG, et al. **Biomed Biochim Acta** 1984;43(8-9):S281-3

Prostacyclin biosynthesis and hypotension in relation to complement activation in rabbit endotoxic shock. Rampart M, et al. **Biomed Biochim Acta** 1984;43(8-9):S191-4

Stimulation of prostacyclin synthesis in vascular cells by mononuclear cell products. Dejana E, et al. **Blood** 1984 Dec;64(6):1280-3

Ethanol raises prostacyclin in vivo and in vitro [letter] Mikhailidis DP, et al. **Blood** 1985 Mar;65(3):777

Prostacyclin production by perturbed bovine aortic endothelial cells in culture. Nawroth PP, et al. **Blood** 1984 Oct;64(4):801-6

Cigarette smoke extracts inhibit prostacyclin synthesis by the rat urinary bladder. Jeremy JY, et al. **Br J Cancer** 1985 Jun;51(6):837-42

Prostanoid synthesis by aortic rings in human blood: selective increase of prostacyclin mediated by a serum factor. Ritter JM. **Br J Pharmacol** 1984 Oct;83(2):409-18

Norepinephrine-stimulated vascular prostacyclin synthesis. Receptor-dependent calcium channels control prostaglandin synthesis. Stewart D, et al. **Can J Physiol Pharmacol** 1984 Nov;62(11):1341-7

Vascular prostaglandin and thromboxane production in a canine model of myocardial ischemia. Schmitz JM, et al. **Circ Res** 1985 Aug;57(2):223-31

Nitrates and endothelial prostacyclin production: studies in vitro. De Caterina R, et al. **Circulation** 1985 Jan; 71(1):176-82

Endogenous biosynthesis of prostacyclin during cardiac catheterization and angiography in man. Roy L, et al. **Circulation** 1985 Mar;71(3):434-40

Urinary kallikrein and systemic prostacyclin synthesis during sodium chloride infusion in normal man. Watson ML, et al. **Clin Sci** 1985 May;68(5):537-43

Interaction between K+-transport, membrane potential and prostacyclin generation in the regulation of natriuresis. Braquet P, et al. **Contrib Nephrol** 1984;41:23-6

Stimulation of prostacyclin production in isolated rat adipocytes by angiotensin II, vasopressin, and bradykinin: evidence for two separate mechanisms of prostaglandin synthesis. Axelrod L, et al. **Endocrinology** 1985 Jun; 116(6):2548-53

Immunohistochemical localisation of prostaglandin endoperoxide synthase and prostacyclin synthase in pregnant human myometrium. Moonen P, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Mar;19(3):151-8

Thromboxane A2 analogue (U-46619) stimulates vascular PGI2 synthesis. Jeremy JY, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):259-62

Platelet responsiveness and biosynthesis of thromboxane and prostacyclin in response to in vitro cocaine treatment. Togna G, et al. **Haemostasis** 1985;15(2):100-7

Platelet function and biosynthesis of prostacyclin and thromboxane A2 in whole blood after aspirin administration in human subjects. Mehta JL, et al. **J Am Coll Cardiol** 1984 Oct;4(4):806-11

Prostacyclin synthesis in irradiated endothelial cells cultured from bovine aorta. Rubin DB, et al. **J Appl Physiol** 1985 Feb;58(2):592-7

Thrombin-induced release of von Willebrand factor from endothelial cells is mediated by phospholipid methylation. Prostacyclin synthesis is independent of phospholipid methylation. de Groot PG, et al. **J Biol Chem** 1984 Nov 10;259(21):13329-33

Endothelial cell prostacyclin production induced by activated neutrophils. Miller DK, et al. **J Biol Chem** 1985 Jan 25;260(2):1006-14

Correlation between trypsin binding to a specific receptor and prostacyclin production in cultured vascular endothelial cells. Savion N, et al. **J Cell Physiol** 1985 Jan; 122(1):142-8

Pseudomonas aeruginosa cytotoxin stimulates prostacyclin production in cultured pulmonary artery endothelial cells: membrane attack and calcium influx. Suttorp N, et al. **J Cell Physiol** 1985 Apr;123(1):64-72

Prostacyclin production by the deendothelialized rabbit aorta. Boeynaems JM, et al. **J Clin Invest** 1985 Jul; 76(1):7-14

Cultured endothelial cells synthesize both platelet-activating factor and prostacyclin in response to histamine, bradykinin, and adenosine triphosphate. McIntyre TM, et al. **J Clin Invest** 1985 Jul;76(1):271-80

Effect of hydrogen peroxide on prostaglandin production and cellular integrity in cultured porcine aortic endothelial cells. Whorton AR, et al. **J Clin Invest** 1985 Jul; 76(1):295-302

Stimulation of human endothelial cell prostacyclin synthesis by select leukotrienes. Pologe LG, et al. **J Exp Med** 1984 Oct 1;160(4):1043-53

Prostacyclin production by cultured endothelial cell monolayers exposed to step increases in shear stress. Grabowski EF, et al. **J Lab Clin Med** 1985 Jan;105(1):36-43

Influence of selective thromboxane synthetase blocker CGS-13080 on thromboxane and prostacyclin biosynthesis in whole blood: evidence for synthesis of prostacyclin by leukocytes from platelet-derived endoperoxides. Mehta J, et al. **J Lab Clin Med** 1985 Sep;106(3):246-52

Restoration of prostacyclin synthase in vascular smooth muscle cells after aspirin treatment: regulation by epidermal growth factor. Bailey JM, et al. **J Lipid Res** 1985 Jan; 26(1):54-61

Effect of human plasma lipoproteins on prostacyclin production by cultured endothelial cells. Spector AA, et al. **J Lipid Res** 1985 Mar;26(3):288-97

Evidence that PGI2-generation in human dental cysts is stimulated by leucotrienes C4 and D4. Matejka M, et al. **J Maxillofac Surg** 1985 Apr;13(2):93-6

Reduction of prostacyclin synthesis as a possible cause of transient flow reduction in a partially constricted canine coronary artery. Tada M, et al. **J Mol Cell Cardiol** 1984 Dec;16(12):1137-49

Glucocorticoid modulation of prostacyclin production in cultured bovine pulmonary endothelial cells. Crutchley DJ, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):650-5

Prostanoid production by lipopolysaccharide-stimulated Kupffer cells. Bowers GJ, et al. **J Surg Res** 1985 May; 38(5):501-8

Inhibition of prostaglandin I2 biosynthesis in rat dental pulp by phenolic dental medicaments. Hirafuji M. **Jpn J Pharmacol** 1984 Dec;36(4):544-6

Prostacyclin-independence in beta-adrenoceptor mediated renin release from dog renal cortical slices. Satoh H, et al. **Life Sci** 1984 Oct 1;35(14):1519-26

Inactivation of prostaglandin H synthase and prostacyclin synthase by phenylbutazone. Requirement for peroxidative metabolism. Reed GA, et al. **Mol Pharmacol** 1985 Jan; 27(1):109-14

Evidence of prostaglandin I3 formation in vivo from dietary eicosapentaenoic acid. **Nutr Rev** 1984 Sep;42(9):317-8

Hypoxia stimulates prostacyclin synthesis by neonatal lungs. Green RS, et al. **Pediatr Res** 1984 Sep;18(9):832-5

The onset of breathing at birth stimulates pulmonary vascular prostacyclin synthesis. Leffler CW, et al. **Pediatr Res** 1984 Oct;18(10):938-42

Effects of hyperoxia and hypoxia on vascular prostacyclin formation in vitro. Stuart MJ, et al. **Pediatrics** 1984 Oct; 74(4):548-53

Recovery of prostacyclin synthesis in human vascular endothelial cells following intermittent or continuous exposure to indomethacin. Gorodetsky JS, et al. **Pharmacol Res Commun** 1985 May;17(5):447-56

Inhibition of prostaglandin I2 (PGI2) formation by LDL-cholesterol or LDL-peroxides? Beitz J, et al. **Prostaglandins** 1983 Dec;26(6):885-92

Production of prostacyclin, 6-keto-PGF1 alpha and thromboxane B2 by incubated samples of umbilical vessels: a comparison of methods for expressing the results on dry weight, wet weight, protein or DNA bases. Benedetto C, et al. **Prostaglandins** 1984 Aug;28(2):195-208

Urinary levels of 2,3-dinor-6-oxo-PGF1 alpha: a reliable index of the production of PGI2 in the spontaneously hypertensive rat. Falardeau P, et al. **Prostaglandins** 1985 Apr;29(4):621-8

Enhanced prostacyclin generation by phenolic compounds acting as a tryptophan-like cofactor of PG hydroperoxidase. Harada Y, et al. **Prostaglandins** 1984 Sep; 28(3):367-81

Control of prostacyclin synthesis in pregnancy-induced hypertension. Keirse MJ, et al. **Prostaglandins** 1985 Apr; 29(4):643-50

Effect of ozone exposure on prostacyclin synthesis in lung. Kobayashi T. **Prostaglandins** 1983 Dec;26(6):1021-7

Mechanism of stimulation of pulmonary prostacyclin synthesis at birth. Leffler CW, et al. **Prostaglandins** 1984 Dec;28(6):877-87

Sulindac does not preserve renal prostacyclin synthesis during endotoxemia. Olanoff LS, et al. **Prostaglandins** 1985 Jun;29(6):1031-7

Prostacyclin production by rat aorta 'in vitro' is increased by the combined action of dipyridamole plus pentoxifylline. Santos MT, et al. **Prostaglandins** 1985 Jan;29(1):113-22

Distinctive effect of angiotensin II on prostaglandin production in dog renal and femoral arteries. Satoh H, et al. **Prostaglandins** 1984 Jun;27(6):807-20

Production of prostacyclin (PGI2) and thromboxane A2 (TXA2) by vessels draining and not-draining benign and malignant tumours of the breast. Benedetto C, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):31-42

The rat urinary bladder produces prostacyclin as well as other prostaglandins. Jeremy JY, et al. **Prostaglandins Leukotrienes Med** 1984 Nov;16(2):235-48

Decreased prostacyclin production in Down's syndrome. Mäkilä UM, et al. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):347-8

The effects of betamimetics and glucocorticoids on fetal vascular prostacyclin and platelet thromboxane synthesis in humans. Mäkilä UM. **Prostaglandins Leukotrienes Med** 1984 Oct;16(1):11-7

Effects of high frequency oscillatory ventilation compared to conventional ventilation upon pulmonary vascular prostanoid production in neonatal piglets. Mitchell JA, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):107-15

Enhanced prostacyclin biosynthesis and decreased thromboxane formation by 3-dimethylamino 5-(2',6'-dichlorobenzylidene) 6-methyl (4H)-pyridazine (PC 89). Pham HC, et al. **Prostaglandins Leukotrienes Med** 1985 Jul;19(1):37-49

The prostacyclin synthesis stimulating plasma factor is unchanged during acute angina pectoris. Sinzinger H, et al. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):365-79

Decreased serum levels of a factor stimulating prostacyclin synthesis in acute myocardial infarction. Yui Y, et al. **Prostaglandins Leukotrienes Med** 1984 Dec;16(3):389-94

Peripheral blood mononuclear cells stimulate prostacyclin levels of human synovial fibroblast-like cells. Hamilton JA, et al. **Rheumatol Int** 1985;5(3):121-5

Stimulation of vascular PGI2 by organic nitrates and its significance for the antianginal effect. Schrör K, et al. **Scand J Clin Lab Invest [Suppl]** 1984;173:33-40

Flow effects on prostacyclin production by cultured human endothelial cells. Frangos JA, et al. **Science** 1985 Mar 22; 227(4693):1477-9

Prostacyclin synthesis induced in vascular cells by interleukin-1. Rossi V, et al. **Science** 1985 Jul 12; 229(4709):174-6

Prostacyclin and thromboxane A2 moderate postischemic renal failure. Lelcuk S, et al. **Surgery** 1985 Aug; 98(2):207-12

Prostacyclin production in regions of arterial stenosis. Qvarfordt PG, et al. **Surgery** 1985 Sep;98(3):484-91

Incorporation of some eicosanoic acids into endothelial cells--effect on platelet inhibitory activity and prostacyclin production. Sicard B, et al. **Thromb Haemost** 1985 Apr 22;53(2):264-7

The effect of dihydroergotamine on various platelet function tests and venous prostacyclin-formation in men [letter] Sinzinger H. **Thromb Haemost** 1985 Apr 22;53(2):285-6

Normal vascular prostacyclin generation in patients with chronic myeloproliferative disorders. Cortelazzo S, et al. **Thromb Res** 1985 Jul 1;39(1):139-41

The influence of age, sex and smoking on human venous prostacyclin synthesis. Hanley SP, et al. **Thromb Res** 1985 Feb 1;37(3):461-6

Prostacyclin synthesis and deacylation of phospholipids in human endothelial cells: comparison of thrombin, histamine and ionophore A23187. Hong SL, et al. **Thromb Res** 1985 Apr 1;38(1):1-10

Eicosapentaenoic acid potentiates the production of prostacyclin-like material in the arachidonic acid perfused human umbilical vein. Kristensen SD, et al. **Thromb Res** 1984 Nov 15;36(4):305-14

High density lipoproteins provide arachidonate for endothelial cell prostacyclin synthesis. Pomerantz KB, et al. **Trans Assoc Am Physicians** 1984;97:275-82

Regulation by bradykinin of its receptor and of receptor-mediated prostacyclin formation in cultured human fibroblasts. Roscher AA, et al. **Trans Assoc Am Physicians** 1983;96:175-81

[Localization of prostacyclin activity in the rabbit aorta] Herman AG. **Verh K Acad Geneeskd Belg** 1984; 46(4):233-52 (Eng. Abstr.) **(Dut)**

[Prostacyclin and thromboxane in obstetrics] Mäkilä UM, et al. **Duodecim** 1984;100(16):1065-71 **(Fin)**

[Defects in the prostaglandin system. I. Familial total plasma factor deficiency] Sinzinger H, et al. **Wien Klin Wochenschr** 1985 Jan 18;97(2):73-6 (Eng. Abstr.) **(Ger)**

[Cerebral vasospasm and prostaglandins] Ohmoto T. **No Shinkei Geka** 1984 Dec;12(13):1453-64 (65 ref.) **(Jpn)**

[Cerebral vasospasm and lipoperoxide damage--morphological localization and measurement of lipoperoxide in prolonged cerebral vasospasm] Tokoro K. **No Shinkei Geka** 1984 Aug;12(9):1049-58 (Eng. Abstr.) **(Jpn)**

BLOOD

Involvement of endogenous prostaglandins in salt-induced hypertension. Ogihara T, et al. **Acta Endocrinol (Copenh)** 1985 Jan;108(1):114-8

Development of a radioimmunoassay for the measurement of prostacyclin metabolites in unextracted plasma. McLaren M, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:41-2

Prostacyclin and thromboxane levels during cardiac ischemia in dogs. Prosdocimi M, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:93-6

Fatty acid composition and action of serum lipoproteins on the PGI2-formation after various oil diets in hyperlipoproteinemia. Honigmann G, et al. **Biomed Biochim Acta** 1984;43(8-9):S443-6

Immunoreactive prostacyclin and thromboxane metabolites in normal pregnancy and the puerperium. Greer IA, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):581-5

Prostacyclin (PGI2) and thromboxane (TXA2) levels during intravenous contrast medium administration in CT. Paajanen H, et al. **Eur J Radiol** 1985 Aug;5(3):243-5

Serum prostacyclin binding defects in thrombotic thrombocytopenic purpura. Wu KK, et al. **J Clin Invest** 1985 Jan;75(1):168-74

Plasma prostacyclin levels in Behçet's disease [letter] Hizli N, et al. **Lancet** 1985 Jun 22;1(8443):1454

Reduction in prostacyclin platelet receptors in active spontaneous angina. Neri Serneri GG, et al. **Lancet** 1984 Oct 13;2(8407):838-41

Plasma prostacyclin levels in Behçet's disease [letter] Ritter JM, et al. **Lancet** 1985 Aug 31;2(8453):497

The role of prostacyclin in patients with portal hypertension. Hashizume M, et al. **Liver** 1985 Apr;5(2):89-93

Release of disaggregatory prostanoids into circulation by nicotinic alcohol, nicotinic acid and nicotinamide. Swies J, et al. **Pol J Pharmacol Pharm** 1984 Nov-Dec;36(6):653-7

Sex differences in platelet thromboxane and arterial prostacyclin production in control and n-6 fatty acid supplemented rats. Giani E, et al. **Prostaglandins** 1984 Oct; 28(4):573-86

Prostaglandins and thromboxane outflow from the perfused mesenteric vascular bed in spontaneously hypertensive rats. Soma M, et al. **Prostaglandins** 1985 Feb;29(2):323-33

Glucocorticoids do not decrease thromboxane and prostacyclin levels in human blood. Puustinen T, et al. **Prostaglandins Leukotrienes Med** 1984 Sep;15(3):409-10

Evidence for isosorbide dinitrate (ISDN) promoting effect on prostacyclin release by the lung and prostacyclin implication in ISDN-induced inhibition of platelet aggregation in humans. Rolland PH, et al. **Prostaglandins Leukotrienes Med** 1984 Dec;16(3):333-46

A randomized trial of the effect of vitamin E on plasma prostacyclin (6-keto-PGF1 alpha) levels in healthy adults. Swartz SL, et al. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):105-11

Reduction of serum prostacyclin stability in ischemic stroke. Stein RW, et al. **Stroke** 1985 Jan-Feb;16(1):16-8

In-vitro effects of buflomedil on parameters regulating hemostatic balance via the prostaglandin-system. Sinzinger H, et al. **Vasa** 1985;14(1):71-3

[Changes of thromboxane A2 and prostacyclin in the pregnant hypertensive syndrome] Shen XY. **Chung Hua I Hsueh Tsa Chih** 1984 Dec;64(12):735-7, 790 (Eng. Abstr.) **(Chi)**

[Defects in the prostaglandin system. II. Familial platelet-prostacyclin receptor defect (Wien-Hietzing defect)--pathogenetic significance for (early) development of atherosclerosis?] Kaliman J, et al. **Wien Klin Wochenschr** 1985 Mar 29;97(7):323-6 (Eng. Abstr.) **(Ger)**

[Prostacyclin sensitivity of thrombocytes and prostacyclin-like activity in the umbilical cord] Briel RC, et al. **Z Geburtshilfe Perinatol** 1984 Nov-Dec;188(6):275-8 (Eng. Abstr.) **(Ger)**

[Changes in serum prostaglandin metabolites in Schönlein-Henoch purpura] Túri S, et al. **Orv Hetil** 1985 Aug 4;126(31):1901-4 (Eng. Abstr.) **(Hun)**

[Kinetics of thromboxane A2 and prostacyclin during reperfusion after induced ischemia in canine hearts] Nomura F, et al. **Kyobu Geka** 1985 Jan;38(1):46-9 (Eng. Abstr.) **(Jpn)**

[Changes of platelet aggregation, serum thromboxane and prostacyclin in lung cancer and pulmonary metastatic patients following operation] Takeda H, et al. **Kyobu Geka** 1984 Sep;37(10):773-7 (Eng. Abstr.) **(Jpn)**

CHEMICAL SYNTHESIS

Synthesis of prostacyclin analogs. Aristoff PA. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 14:309-92 (193 ref.)

Synthesis of thromboxanes, prostacyclin, and the endoperoxides. Johnson RA. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 14:131-54 (74 ref.)

Synthesis of 6a-carbaprostaglandin I3. Amemiya S, et al. **Chem Pharm Bull (Tokyo)** 1984 Dec;32(12):4746-51

A stereoselective total synthesis of a stable prostacyclin analog, dl-9(O)-methano-delta 6(9 alpha)-prostaglandin I1. Koyama K, et al. **Chem Pharm Bull (Tokyo)** 1984 Jul; 32(7):2866-9

[Synthesis and anti-aggregating activity of 11-deoxyprostacyclin] Mel'nikova VI, et al. **Bioorg Khim** 1983 Jan;9(1):115-7 (Eng. Abstr.) **(Rus)**

DEFICIENCY

[Prostacyclin in the physiopathogenesis of pre-eclampsia] Góngora-Biachi RA, et al. **Ginecol Obstet Mex** 1985 Jan; 53(333):21-3 (Eng. Abstr.) **(Spa)**

METABOLISM

The potential role of thromboxane and prostacyclin in endotoxic and septic shock. Cook JA, et al. **Am J Emerg Med** 1984 Jan;2(1):28-37

Action of magnesium sulfate on platelet prostacyclin interaction and prostacyclin of blood vessels [letter] Briel RC, et al. **Am J Obstet Gynecol** 1985 Sep 15;153(2):232

Ritodrine infusion during late pregnancy: effects on fetal and placental blood flow, prostacyclin, and thromboxane. Jouppila P, et al. **Am J Obstet Gynecol** 1985 Apr 15; 151(8):1028-32

Effects of nutrition of disease and life span. II. Vascular disease, serum cholesterol, serum thromboxane, and heart-produced prostacyclin in MRL mice. Mark DA, et al. **Am J Pathol** 1984 Oct;117(1):125-30

Prostaglandins in blister fluid after contact with an irritant and contact allergens. Salo H, et al. **Arch Dermatol Res** 1985;277(4):326-7

9-Hydroxyprostaglandin dehydrogenase in rat kidney cortex converts prostaglandin I2 into 15-keto-13,14-dihydro 6-ketoprostaglandin E1. Pace-Asciak CR, et al. **Biochim Biophys Acta** 1984 Nov 14;796(2):129-35

Macromolecules mediate prostacyclin release from human umbilical artery. Price RM, et al. **Biochim Biophys Acta** 1985 Sep 11;836(2):246-54

The use of a prostacyclin analogue, [3H]iloprost, for studying prostacyclin-binding sites on human platelets and neuronal hybrid cells. Hall JM, et al. **Biosci Rep** 1984 Nov; 4(11):941-8

Prostacyclin and thromboxane in breast cancer: relationship between steroid receptor status and medroxyprogesterone acetate. Aitokallio-Tallberg A, et al. **Br J Cancer** 1985 May;51(5):671-4

Thromboxane A2 and prostacyclin levels in molar pregnancy [letter] Greer IA, et al. **Br J Obstet Gynaecol** 1985 Jun; 92(6):652

Thromboxane A2 and prostacyclin levels in molar pregnancy. Roy AC, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):908-12

Purinoceptor mediated stimulation of prostacyclin release in the porcine pulmonary vasculature. Hellewell PG, et al. **Br J Pharmacol** 1984 Oct;83(2):457-62

Biotransformation of the stable prostacyclin analogue, iloprost, in the rat. Krause W, et al. **Drug Metab Dispos** 1984 Sep-Oct;12(5):645-51

Epoxidation of prostacyclin in the rabbit kidney. Wong PY, et al. **J Biol Chem** 1985 Aug 5;260(16):9150-3

Favorable balance of prostacyclin and thromboxane A2 improves early patency of human in situ vein grafts. Bush HL Jr, et al. **J Vasc Surg** 1984 Jan;1(1):149-59

Eicosapentaenoic acid inhibits the release of 14C-prostacyclin from a perfused tissue after incorporation of 14C-prostaglandin precursors. Juan H, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jun; 329(4):388-93

Oxidation of prostacyclin and its analogs by three 15-hydroxyprostaglandin dehydrogenases. Jarabak J, et al. **Prostaglandins** 1984 Oct;28(4):509-16

Increase in concentrations of prostaglandin endoperoxide synthase and prostacyclin synthase in human myometrium in late pregnancy. Moonen P, et al. **Prostaglandins** 1984 Sep;28(3):309-21

Effects of a thromboxane synthetase inhibitor and a thromboxane antagonist on release and activity of thromboxane A2 and prostacyclin in vitro. O'Keefe EH, et al. **Prostaglandins** 1985 May;29(5):785-97

Specific binding of a stable prostacyclin analogue (Iloprost) to rat oxyntic mucosa. Tepperman BL, et al. **Prostaglandins** 1984 Oct;28(4):477-84

Increased prostacyclin metabolites and decreased red cell deformability in patients with systemic sclerosis and Raynauds syndrome. Belch JJ, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):1-9

Increased prostacyclin metabolites and decreased red cell deformability in patients with systemic sclerosis and Raynaud's syndrome. Belch JJ, et al. **Prostaglandins Leukotrienes Med** 1985 Jun;18(3):401-2

Pharmacokinetics and pharmacodynamics of the stable prostacyclin analogue, ZK 36 374, in the cat. Krause W, et al. **Prostaglandins Leukotrienes Med** 1984 Aug; 15(2):187-97

The effect of isosorbide dinitrate and isosorbide-5-mononitrate on prostacyclin (PGI2) and thromboxane A2 (TXA2) generation in rat and human arteries. Nakabayashi S, et al. **Res Commun Chem Pathol Pharmacol** 1985 Mar; 47(3):323-32

Acidosis affects fetal vascular prostacyclin release. Goldsmith JC, et al. **Thromb Res** 1984 Oct 1;36(1):79-82

Development of a radioimmunoassay for the measurement of prostacyclin metabolites in unextracted plasma. McLaren M, et al. **Thromb Res** 1985 Jan 1;37(1):177-83

Prostacyclin release from the coronary vascular wall by vasoactive substances. Miki M, et al. **Thromb Res** 1984 Sep 15;35(6):665-79

Cigarette smoking does not affect PGI2 platelet receptors. Modesti PA, et al. **Thromb Res** 1985 Jan 15;37(2):343-6

Prostacyclin synthesis by proliferative aortic smooth muscle cells. Larrue J, et al. **Vasa** 1984;13(4):311-8

[Prostaglandins and related substances: metabolic pathways] Murota S, et al. **Nippon Rinsho** 1985 Mar;43(3):480-8 **(Jpn)**

[Prostaglandins in the rat gastric mucosa (10th report). Effect of beta-cyclodextrin clathrate of 2-benzyloxycarbonylphenyl trans-4-guanidinomethylcyclohexanecarboxylate hydrocholine (TA903) on mucosal prostaglandins] Arakawa T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Jul;81(7):1554-8 (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

Effects of cardiopulmonary bypass and prostacyclin on plasma catecholamines, angiotensin II and arginine-vasopressin. Feddersen K, et al. **Acta Anaesthesiol Scand** 1985 Feb;29(2):224-30

Prostacyclin and DNA-synthesis inhibitors: their interaction on experimental gastric ulcer in the rat. Bálint GA, et al. **Acta Med Hung** 1984;41(4):259-61

Effect of prostacyclin on the mixed function microsomal oxigenase system in the rat liver. Bálint GA, et al. **Acta Med Hung** 1984;41(4):247-52

Toxicity of plasma from hemodialysis patients treated with heparin or prostacyclin. Wessel-Aas T, et al. **Acta Med Scand** 1984;216(1):93-9

The effect of prostacyclin on gastric mucosal protein, DNA and RNA content, with special reference to different ulcer models. Bálint GA, et al. **Acta Physiol Hung** 1984; 64(3-4):275-8

Preventive effect of PGI2, 7-oxo-PGI2 and 17-aza-PGF2 alpha derivate on the development of indomethacin-induced intestinal mucosal damage in rats. Garamszegi M, et al. **Acta Physiol Hung** 1984; 64(3-4):349-53

Effect of long-term prostacyclin treatment on the gastric mucosa of rat. Karácsony G, et al. **Acta Physiol Hung** 1984; 64(3-4):241-6

Structure-activity relationship (SAR) among prostacyclin (PGI2) analogues. Kovács G, et al. **Acta Physiol Hung** 1984;64(3-4):225-30

Interrelationships between the chemical structure of prostanoids and prostacyclins and their cytoprotective effects on the ethanol-induced gastric mucosal damage in rats (a comparative experimental study). Székely I, et al. **Acta Physiol Hung** 1984;64(3-4):231-5

Effects of capsaicin on the development of gastric mucosal damage by different necrotizing agents and of gastric cytoprotection by PGI2 atropine and cimetidine on rats. Szolcsányi J, et al. **Acta Physiol Hung** 1984;64(3-4):287-91

Effect of PGI2 in carbon tetrachloride-induced liver injury. Ujhelyi E, et al. **Acta Physiol Hung** 1984;64(3-4):425-30

Interrelationships between the development of the gastric cytoprotective effects of prostacyclin, atropine, cimetidine and the gastric mucosal superoxide dismutase activity in rats. Zsoldos T, et al. **Acta Physiol Hung** 1984; 64(3-4):325-30

Delayed antiischemic effect of prostaglandin I2 and of a new stable prostaglandin I2 analogue, 7-oxo-prostacyclin-Na, in experimental model angina in dogs. Szekeres L, et al. **Adv Myocardiol** 1985;6:607-18

Is prostacyclin effective on transmembrane calcium movements? Fassina G, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:43-6

Dilation of large coronary arteries in conscious dogs by prostacyclin. Hintze TH, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:341-4

Control of human and animal platelet aggregation by a new prostacyclin analog. Maderna P, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:363-9

Sub-aggregatory doses of catecholamines prevent prostacyclin-induced inhibition of platelet aggregation. Buttrick PM, et al. **Am Heart J** 1985 Jun;109(6):1258-63

Platelet sensitivity to antiaggregatory prostaglandins (PGE1,D2,I2) in patients with peripheral vascular disease. Fitscha P, et al. **Am J Hematol** 1985 May;19(1):13-9

Heparin-mediated neutralization of platelet antiaggregatory activity of prostacyclin (PGI2): studies on mechanism. Saba SR, et al. **Am J Hematol** 1985 Oct;20(2):97-105

Failure of exogenous prostacyclin to change placental and fetal blood flow in preeclampsia. Jouppila P, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):661-5

Ovine placental vascular response to the local application of prostacyclin. Landauer M, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):460-4

The effect of prostacyclin on angiotensin II-induced placental vasoconstriction. Parisi VM, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):444-9

Contribution of prostaglandins to dopamine actions in the pancreas of anesthetized dogs. Iwatsuki K, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G110-7

Prostaglandins and fetal cardiac output distribution in the lamb. Sideris EB, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):H853-8

Cardiopulmonary effects of prostacyclin infusion in anesthetized horses. Trim CM, et al. **Am J Vet Res** 1985 Apr;46(4):928-31

Airway and cardiovascular responses to inhaled prostacyclin in normal and asthmatic subjects. Hardy C, et al. **Am Rev Respir Dis** 1985 Jan;131(1):18-21

Platelet sensitivity to prostacyclin in diabetes mellitus. Pillay PK, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):229-31

Effects of prostacyclin infusion on renal function during cardiopulmonary bypass. Feddersen K, et al. **Ann Thorac Surg** 1985 Jul;40(1):16-9

Effect of three loop diuretics and prostaglandins E2 & I2 on the isolated perfused rat mesenteric vasculature. Foy JM, et al. **Arch Int Pharmacodyn Ther** 1985 Feb; 273(2):237-50

The role of adrenergic, purinergic and opiate receptors in the control of prostacyclin-induced contraction in the guinea-pig ileum. Gaion RM, et al. **Arch Int Pharmacodyn Ther** 1984 Sep;271(1):33-44

Antiaggregatory efficacy and its time-course after application of acetylsalicylic acid, prostacyclin and nafazatrom in vivo. Herrmann KS. **Arch Int Pharmacodyn Ther** 1984 Nov;272(1):150-8

Cardioprotective action of the new stable epoprostenol analogue CG 4203 in rat models of cardiac hypoxia and ischemia. Müller B, et al. **Arzneimittelforsch** 1984; 34(11):1506-9

The effect of low-density lipoproteins on the synthesis of cyclic nucleotides induced by prostacyclin in isolated platelets. Bruckdorfer KR, et al. **Biochem J** 1984 Oct 1; 223(1):189-96

Effects of prostaglandin I2 and forskolin on the secretion from platelets evoked at basal concentrations of cytoplasmic free calcium by thrombin, collagen, phorbol ester and exogenous diacylglycerol. Rink TJ, et al. **Biochem J** 1984 Sep 15;222(3):833-6

Prostacyclin-lipoprotein interactions. Studies on human platelet aggregation and adenylate cyclase. Colli S, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2451-7

Prostacyclin and lipolysis in rat fat cells. Gaion RM, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3793-8

The prostacyclin analogue iloprost and prostaglandin E1 suppress sterol synthesis in freshly isolated human mononuclear leukocytes. Krone W, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):154-7

Effect of H2 receptor blockade upon hypothermic, cataleptogenic and antinociceptive action of prostacyclin (PGI)2 administered into the lateral rat brain ventricle. Brus R, et al. **Biomed Biochim Acta** 1985;44(4):637-44

Measurement of the disaggregating effect of prostacyclin (PGI2) in anaesthetized dogs. Hermán F, et al. **Biomed Biochim Acta** 1984;43(8-9):S377-80

Cardiovascular and electrophysiological analysis of a selective vasodilatory prostacyclin analogue, 5-nitro-PGI1. Kecskeméti V, et al. **Biomed Biochim Acta** 1984;43(8-9):S287-90

Role of H2 receptors in the central and peripheral effects of prostacyclin [PGI2] on circulatory system in rats. Krzeminski T, et al. **Biomed Biochim Acta** 1984; 43(8-9):S199-202

Effects of cyclooxygenase inhibitors and PGI2 on the adrenergic contractions of isolated rabbit arteries. Malomvölgyi B, et al. **Biomed Biochim Acta** 1984; 43(8-9):S277-80

Significance of sympathetic nervous system for the central antiarrhythmic effect of prostaglandin E2, F2 alpha and I2 on aconitine induced cardiac arrhythmias in rats. Mest HJ, et al. **Biomed Biochim Acta** 1984;43(8-9):S143-6

Antifibrillatory action of the stable orally active prostacyclin analogues iloprost and ZK 96 480 in rats after coronary artery ligation. Müller B, et al. **Biomed Biochim Acta** 1984; 43(8-9):S175-8

Synergistic actions of prostacyclin and an isoquinoline derivative (CH-102) on ADP-induced aggregation of dog platelets in vitro. Pataricza J, et al. **Biomed Biochim Acta** 1984;43(12):1365-9

Interactions between brain angiotensin and prostaglandins in rats. Schölkens BA, et al. **Biomed Biochim Acta** 1984; 43(8-9):S203-7

Effect of iloprost (ZK 36 374) on membrane integrity in ischemic rabbit hearts. Smith EF 3d, et al. **Biomed Biochim Acta** 1984;43(8-9):S155-8

Effect of PGI2 on platelet aggregates in myocardial infarction evaluated in vitro in whole blood. The method for quantification of platelet aggregates. Spławinski J, et al. **Biomed Biochim Acta** 1984;43(8-9):S430-3

Platelet sensitivity to prostacyclin in normal subjects, and in patients with benign and malignant tumours of the breast. Benedetto C, et al. **Br J Cancer** 1985 Jan;51(1):49-53

A chemically stable analogue, 9 beta-methyl carbacyclin, with similar effects to epoprostenol (prostacyclin, PGI2) in man. O'Grady J, et al. **Br J Clin Pharmacol** 1984 Dec; 18(6):921-33

An ultrastructural study of stored human platelets after washing using prostacyclin. Read NG, et al. **Br J Haematol** 1985 Jun;60(2):305-14

The cardiovascular and platelet actions of 9 beta-methyl carbacyclin (ciprostene), a chemically stable analogue of prostacyclin, in the dog and monkey. Allan G, et al. **Br J Pharmacol** 1985 Jun;85(2):547-55

In vivo interaction of prostacyclin with an inhibitor of cyclic nucleotide phosphodiesterase, HL 725. Darius H, et al. **Br J Pharmacol** 1985 Mar;84(3):735-41

Interaction of prostaglandin D2 with prostacyclin, carbacyclin and the hydantoin prostaglandin, BW245C, in guinea-pig platelets. Hamid S, et al. **Br J Pharmacol** 1985 May;85(1):285-90

6,9-deepoxy-6,9-(phenylimino)-delta 6,8-Prostaglandin I1, (U-60,257) stimulates prostaglandin D2 and inhibits thromboxane B2 release from ionophore challenged human dispersed lung cells. Holgate ST, et al. **Br J Pharmacol** 1984 Nov;83(3):603-5

Pre- and post-junctional actions of prostaglandin I2, carbocyclic thromboxane A2 and leukotriene C4 in dog tracheal tissue. Inoue T, et al. **Br J Pharmacol** 1985 Feb; 84(2):289-98

Desensitization of prostacyclin responsiveness in a neuronal hybrid cell line: selective loss of high affinity receptors. Leigh PJ, et al. **Br J Pharmacol** 1985 May;85(1):237-47

The role of accelerated colonic transit in prostaglandin-induced diarrhoea and its inhibition by prostacyclin. Rush BD, et al. **Br J Pharmacol** 1984 Sep; 83(1):157-9

Topical use of prostacyclin in microvascular surgery. Crabb DJ, et al. **Br J Plast Surg** 1985 Jul;38(3):383-8

Role of the central muscarinic receptor of prostaglandin I2 in cardiovascular function in rat. Saito R, et al. **Brain Res** 1985 Mar 18;330(1):167-9

The effect of a prostaglandin I2 analogue (OP-41483) on renal function in burned rabbits. Ono I, et al. **Burns Incl Therm Inj** 1985 Jun;11(5):320-9

Enhancement of the antiaggregatory activity of prostacyclin by propranolol in human platelets. Callahan KS, et al. **Circulation** 1985 Jun;71(6):1237-46

Delayed effects of early infarct-limiting therapies on healing after myocardial infarction. Jugdutt BI. **Circulation** 1985 Oct;72(4):907-14

Effects of beta-adrenoceptor blockade on prostacyclin mediated renin release in sheep. Mason RT, et al. **Clin Exp Pharmacol Physiol** 1984 Nov-Dec;11(6):571-7

Hemolytic-uremic syndrome: demonstration of abnormalities of platelet reactivity and insensitivity to prostaglandin I2. Bloom A, et al. **Clin Nephrol** 1985 Feb;23(2):85-8

Decreased platelet sensitivity to prostacyclin during hemodialysis: an effect of platelet/heparin interaction? [letter] Knudsen F, et al. **Clin Nephrol** 1985 Feb;23(2):107

Correlation between platelet behaviour and cold-induced vasoconstriction in man, and the effects of epoprostenol infusion. Cowley AJ, et al. **Clin Sci** 1984 Nov;67(5):511-4

Comparison of canine femoral and splanchnic hemodynamics during intravenous infusions of prostacyclin. Campion TW, et al. **Curr Surg** 1985 May-Jun;42(3):214-5

Platelet sensitivity in vitro to adenosine-5'-diphosphate and prostacyclin and diabetic retinopathy. Davis TM, et al. **Diabetologia** 1985 May;28(5):274-6

Electrophysiological effects of intravenous prostacyclin in man. Perrot B, et al. **Eur Heart J** 1984 Nov;5(11):883-9

Prostacyclin-induced contraction of guinea-pig ileum: influence of drugs affecting calcium flux in the smooth muscle. Gaion RM, et al. **Eur J Pharmacol** 1984 Jul 20; 102(3-4):529-33

Prostacyclin modulates the responses to leukotrienes C4 and D4 of guinea-pig airway smooth muscle. Mugridge KG, et al. **Eur J Pharmacol** 1984 Sep 3;104(1-2):1-7

Prostacyclin-sensitive adenylate cyclase in cultured myocytes: differences between rabbit aorta and mesenteric artery. Oliva D, et al. **Eur J Pharmacol** 1984 Oct 15; 105(3-4):207-13

Augmented thromboxane generation by mesenteric arteries from pancreatectomized diabetic dogs is coincident with the vascular tone enhancement evoked by Na arachidonate and prostacyclin. Sterin-Borda L, et al. **Eur J Pharmacol** 1984 Aug 17;103(3-4):211-21

The effect of topical prostacyclin on ocular pressure and pupil size in the pigmented rabbit. Hoyng FJ. **Exp Eye Res** 1985 Jan;40(1):161-5

Hepatoprotective effects of prostacyclins on CCl4-induced liver injury in rats. Divald A, et al. **Exp Mol Pathol** 1985 Apr;42(2):163-6

Prostacyclin does not influence placental blood pool in vivo. Husslein P, et al. **Gynecol Obstet Invest** 1985;19(2):78-81

Effect of prostacyclin (epoprostenol) on the aggregation of human platelets in whole blood in vitro. Saniabadi AR, et al. **Haemostasis** 1984;14(6):487-94

The inhibition of platelet prothrombinase activity by prostacyclin. Zwaal RF, et al. **Haemostasis** 1984; 14(4):320-4

Inhibition of the presumably leukotriene-dependent component of antigen-induced bronchoconstriction in the guinea pig by piriprost (U-60,257). Bach MK, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):264-6

The effects of prostaglandin E and I analogues on lymphocyte stimulation. Kingston AE, et al. **Int J Immunopharmacol** 1985;7(1):57-64

Antinociceptive models displaying peripheral opioid activity. Smith TW, et al. **Int J Tissue React** 1985;7(1):61-7

Reflex tracheal contraction evoked in dogs by bronchodilator prostaglandins E2 and I2. Roberts AM, et al. **J Appl Physiol** 1985 Jun;58(6):1823-31

The rapid formation of inositol phosphates in human platelets by thrombin is inhibited by prostacyclin. Watson SP, et al. **J Biol Chem** 1984 Nov 10;259(21):13199-203

Improved recovery of cardiac function after 24 h of hypothermic arrest in the isolated rat heart: comparison of a prostacyclin analogue (ZK 36 374) and a calcium entry blocker (diltiazem). van Gilst WH, et al. **J Cardiovasc Pharmacol** 1985 May-Jun;7(3):520-4

Inhibition and subsequent enhancement of platel responsiveness by prostacyclin in the rabbit. Relationsh to platelet adenosine 3',5'-cyclic monophospha Vanderwel M, et al. **J Clin Invest** 1985 Jul;76(1):233-40

Forskolin modulates cyclic AMP generation in the rat myometrium. Interactions with isoproterenol and prostaglandins E2 and I2. Mokhtari A, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(3):213-27 (30 ref.)

Influence of platelet volume on the ability of prostacyclin to inhibit platelet aggregation and the release reaction. Jakubowski JA, et al. **J Lab Clin Med** 1985 Feb; 105(2):271-6

Influence of prostaglandin I2 on fibronectin-mediated phagocytosis in vivo and in vitro. Weinberg DA, et al. **J Leukocyte Biol** 1985 Feb;37(2):151-9

Prostacyclin, from discovery to clinical application. Moncada S. **J Pharmacol** 1985;16 Suppl 1:71-88 (67 ref.)

Iloprost (ZK36374), a stable analogue of prostacyclin, preserves platelets during simulated extracorporeal circulation. Addonizio VP Jr, et al. **J Thorac Cardiovasc Surg** 1985 Jun;89(6):926-33

Somatosensory evoked potentials and cerebral metabolism during cardiopulmonary bypass with special reference to hypotension induced by prostacyclin infusion. Arén C, et al. **J Thorac Cardiovasc Surg** 1985 Jul;90(1):73–9

A new stable prostacyclin analogue OP41483 (15–cyclopentyl–omega–pentanor–5(E)–carbacyclin). Yui Y, et al. **Jpn Circ J** 1985 Jun;49(6):571–5

Effect of epoprostenol on platelet deposition on synthetic artery grafts [letter] Sinzinger H, et al. **Lancet** 1984 Nov 24;2(8413):1212

Anti–hypoxic effect of centrally and systemically administered prostacyclin (PGI2). Nikolov R, et al. **Methods Find Exp Clin Pharmacol** 1984 Nov;6(11):691–3

Effects of prostacyclin on the responses of blood pressure and several hormones in normotensive and hypertensive subjects. Honda M, et al. **Nippon Jinzo Gakkai Shi** 1984 Sep;26(9):1235–41

Diminished sensitivity of platelet aggregation to prostaglandin D2 in patients with myeloproliferative disorders and in patients with acute leukemia. Wong P, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):147–54

Circulatory effects of tolazoline and prostacyclin (PGI2) in chronically instrumented lambs. Drummond WH, et al. **Pediatr Pharmacol (New York)** 1984;4(2):59–72

The relaxing activity of iloprost and prostaglandin E2 in the isolated various smooth muscle strips of the rabbit. Ercan ZS, et al. **Pharmacology** 1985;31(2):61–6

Pharmacologic modification of blood flow in the rabbit microvasculature with prostacyclin and related drugs. Knight KR, et al. **Plast Reconstr Surg** 1985 May; 75(5):692–702

The effects of intravenous ZK36–374, a stable prostacyclin analogue, on normal volunteers. Belch JJ, et al. **Prostaglandins** 1984 Jul;28(1):67–77

Interactions of prostaglandins with subpopulations of ovine luteal cells. I. Stimulatory effects of prostaglandins E1, E2 and I2. Fitz TA, et al. **Prostaglandins** 1984 Jul;28(1):119–26

Species dependent relaxation of intrapulmonary arteries (IPA) of rabbits, dogs and humans by prostacyclin. Hadházy P, et al. **Prostaglandins** 1985 May;29(5):673–88

Comparison of gastric and intestinal antisecretory and protective effects of prostacyclin and its stable thia–imino–analogue (Hoe 892) in conscious rats. Konturek SJ, et al. **Prostaglandins** 1984 Oct;28(4):443–53

Effects of prostacyclin and its stable analog, iloprost, upon insulin secretion in isolated pancreatic islets. Sieradzki J, et al. **Prostaglandins** 1984 Sep;28(3):289–96

Stimulation of calcium uptake in rat calvaria by prostacyclin. Walenga RW, et al. **Prostaglandins** 1985 Feb;29(2):191–202

The effect of prostaglandin I on the contractility of the term pregnant human myometrium. Wikland M, et al. **Prostaglandins** 1983 Dec;26(6):905–16

Effects of a prostacyclin analog iloprost on kidney function, renin–angiotensin and kallikrein–kinin systems, prostanoids and catecholamines in man. Ylitalo P, et al. **Prostaglandins** 1985 Jun;29(6):1063–71

Inhibition of platelet aggregation by a new agent, 5–(Z,E)–13,14–didehydro–20–methyl–carbo PGI2 (FCE 22509). Bergamaschi M, et al. **Prostaglandins Leukotrienes Med** 1984 Oct;16(1):19–27

Hypotensive effect in the rat after oral prostacyclin (PGI2). Ceserani R, et al. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):53–7

Metabolism of 14–C–arachidonic acid in platelets and antiaggregatory potency of prostacyclin in women taking oral contraceptives. Jaschonek K, et al. **Prostaglandins Leukotrienes Med** 1984 Aug;15(2):275–6

Prostacyclin infusion does not prevent ACTH–induced hypertension in sheep. Mason RT, et al. **Prostaglandins Leukotrienes Med** 1985 May;18(2):261–9

The hemodynamic effects of prostacyclin infusions in normotensive and ACTH induced hypertensive conscious sheep. Mason RT, et al. **Prostaglandins Leukotrienes Med** 1984 Oct;16(1):57–68

Intracamerally applied prostacyclin raises the intraocular pressure in the rabbit. Sieber R, et al. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):9–17

The effects of prostacyclin (PGI2) on haematological and haemodynamic parameters, and lung histology in puppies undergoing cardiopulmonary bypass surgery with profound hypothermia. Starling MB, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):11–29

Plasma factor and platelet sensitivity to prostacyclin in patients with peripheral vascular disease before and after treatment with a combination of a cyclooxygenase and a phosphodiesterase inhibitor. Strobl–Jäger E, et al. **Prostaglandins Leukotrienes Med** 1984 Aug;15(2):241–50

Prostaglandins, alpha–adrenergic receptors and lipolysis in hamster fat cells. Tan S, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):117–23

The effect of 5–(2–chlorobenzyl)–5,6,7,7a–tetrahydro 4H–thieno (3.2–C)–pyridine–2–one hydrochloride (PCR 3787), a metabolite of ticlopidine, on the aggregation of human platelets in vitro and on the aggregation inhibiting action of PGI2 and PGD2. Vincent JE, et al. **Prostaglandins Leukotrienes Med** 1984 Dec;16(3):279–83

Prostaglandin I2 (PG I2) fails to inhibit ADP induced platelet aggregation in vivo in rats. Zehl U, et al. **Prostaglandins Leukotrienes Med** 1984 Oct;16(1):45–56

Effects of prostacyclin and of the stable prostacyclin analogue ZK 36374 on forearm blood flow and blood platelet behaviour in man. Cowley AJ, et al. **Thromb Haemost** 1985 Feb 18;53(1):90–4

The increased sensitivity of platelets to prostacyclin in marathon runners. Dix CJ, et al. **Thromb Haemost** 1984 Jul 29;51(3):385–7

The effect of the stable prostacyclin analogue ZK 36374 on experimental coronary thrombosis in the pig. van der Giessen WJ, et al. **Thromb Res** 1984 Oct 1;36(1):45–51

Role of prostaglandins (PGI2) in improving the survival of ischemically damaged liver allografts. Toledo–Pereyra LH. **Trans Am Soc Artif Intern Organs** 1984;30:390–4

Use of prostacyclin to inhibit activation of platelets during preparation of platelet concentrates. Menitove JE, et al. **Transfusion** 1984 Nov–Dec;24(6):528–31

Prostacyclin (PGI2) contracts normal and varicose human saphenous veins. Sinzinger H, et al. **Vasa** 1984;13(3):228–30

[The importance of increased prostaglandins and prostacyclin for the effect of oxyfedrin in isolated guinea pig heart preparations] Mentz P, et al. **Arzneimittelforsch** 1984; 34(12):1739–42 (Eng. Abstr.) **(Ger)**

[Importance of prostaglandins for the in vitro adhesiveness and in vivo margination of neutrophilic granulocytes] Fehr J, et al. **Klin Wochenschr** 1985 Feb 15;63(4):152–7 (Eng. Abstr.) **(Ger)**

[Experimental studies on the behavior of intracranial pressure under prostacyclin application] Seifert V, et al. **Neurochirurgia (Stuttg)** 1985 Mar;28(2):40–5 (Eng. Abstr.) **(Ger)**

[Inhibition of metastasis by anti–platelet agents–prostaglandins] Niitsu Y, et al. **Gan To Kagaku Ryoho** 1985 Jun;12(6):1228–34 (Eng. Abstr.) **(Jpn)**

[Effects of prostacyclin on the cardiac functions and energy metabolism in the perfused rat heart] Takeuchi S. **Hokkaido Igaku Zasshi** 1985 May;60(3):355–67 (Eng. Abstr.) **(Jpn)**

[Circulating negative inotropic substance produced by the lung, affected by prostaglandin and thromboxane] Utsunomiya T, et al. **Nippon Geka Gakkai Zasshi** 1985 May; 86(5):527–33 (Eng. Abstr.) **(Jpn)**

[Adrenergic nerve related agents and prostaglandin I2 in the perfused cutaneous vascular preparations] Michibayashi T. **Nippon Heikatsukin Gakkai Zasshi** 1984 Feb;20(1):75–83 (Eng. Abstr.) **(Jpn)**

[Experimental study upon platelet preservation by prostaglandin I2 during extracorporeal circulation] Osada H, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Oct; 32(10):1795–803 (Eng. Abstr.) **(Jpn)**

[Combined effects of PGI2 and thrombin inhibitors or fibrinolytic agent on platelet aggregation and disaggregation] Takahashi H, et al. **Rinsho Ketsueki** 1984 Jul;25(7):998–1003 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Urinary 6–keto–PGF1 alpha after captopril and indomethacin: possible contribution of PGI2 to the antihypertensive mechanism of ACE inhibitors. Minuz P, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:199–202

Purines and prostaglandins as regulators in the coronary circulation. Fleetwood G, et al. **Agents Actions** 1985 Mar; 16(1–2):11–2

High–frequency ventilation attenuation of hypoxic pulmonary vasoconstriction. The role of prostacyclin. Wetzel RC, et al. **Am Rev Respir Dis** 1985 Jul;132(1):99–103

Coronary vasomotor tone: the role of prostanoids re–examined. Dusting GJ. **Bibl Cardiol** 1984;(38):178–88 (54 ref.)

Absence of prostacyclin involvement in angiotensin–induced aldosterone secretion in rat adrenal cells. Campbell WB, et al. **Endocrinology** 1985 Jul;117(1):279–86

Prostacyclin in pregnancy. Spitz B, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Dec;18(5–6):303–8

Prostacyclin and atherosclerosis [editorial] Wagner BM. **Hum Pathol** 1985 Mar;16(3):201

Pathological significance of the thromboxane–prostacyclin hypothesis. Paoletti R, et al. **J Cardiovasc Pharmacol** 1985; 7 Suppl 3:S179–85 (46 ref.)

Vascular prostacyclin and Goldblatt hypertensive rats. Dusting GJ, et al. **J Hypertens** 1984 Feb;2(1):31–6

Adenosine and prostacyclin independent electrophysiological effects of dipyridamole in guinea–pig papillary muscles and canine cardiac Purkinje fibers. Rardon DP, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):206–13

Diminished pressor response to exogenous norepinephrine and angiotensin II in septic, unanesthetized rats: evidence for a prostaglandin–mediated effect. Fink MP, et al. **J Surg Res** 1985 Apr;38(4):335–42

Pressor responses to norepinephrine in rabbits with 3–day renal artery stenosis—the role of prostaglandins. Ichikawa S, et al. **Jpn Circ J** 1984 Nov;48(11):1282–4

Sequential histamine inhalations cause increased bronchial histamine reactivity in guinea pigs: role of platelets, thromboxanes and prostacyclin. Dorsch W, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Sep; 327(2):148–55

Inhibition of platelet deposition on polytetrafluoroethylene grafts by antiplatelet agents. Kon ND, et al. **Surgery** 1984 Nov;96(5):870–3

[Biochemistry and significance of prostaglandins, prostacyclins, thromboxanes and leukotrienes and the modification of their biosynthesis by essential fatty acids] Kolb E. **Z Gesamte Inn Med** 1985 Mar 15;40(6):165–72 (Eng. Abstr.) **(Ger)**

[The role of non–enzymatic products of prostaglandin and prostacyclin synthesis in the initiation of pre–eclamptic toxemia] Konfino E, et al. **Harefuah** 1984 Jun 1; 106(11):518–20 **(Heb)**

[The interaction of prostacyclin and thromboxane in the uterus] Zakut H, et al. **Harefuah** 1984 Jun 1;106(11):529–31 **(Heb)**

[Statistical study of the risk of cardiovascular disease in hysterectomized patients] Pastore G, et al. **Minerva Med** 1985 Apr 28;76(17–18):827–34 (Eng. Abstr.) **(Ita)**

[Physiological and pharmacological actions of prostaglandins and related substances on the circulatory system] Matsuda H, et al. **Nippon Rinsho** 1985 Mar;43(3):493–6 **(Jpn)**

[Alternations in coagulation and fibrinolysis associated with extracorporeal circulation—the role of vasoactive prostanoids] Takeda H, et al. **Rinsho Kyobu Geka** 1984 Sep; 4(5):573–80 (Eng. Abstr.) **(Jpn)**

[Role of prostacyclin in the antiaggregation activity of the vascular wall] Gabrielian ES, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):403–5 (Eng. Abstr.) **(Rus)**

[Prostacyclins and arteriosclerosis] Djordjević G, et al. **Srp Arh Celok Lek** 1983 Aug;111(8):1151–7 **(Scc)**

RADIATION EFFECTS

Identification of the prostacyclin receptor by radiation inactivation. Leigh PJ, et al. **J Biol Chem** 1984 Oct 25; 259(20):12431–6

SECRETION

Nafazatrom (BAY g 6575), a potent stimulator of prostacyclin release from cardiac and renal vessel wall. Klitzke AK. **Arch Int Pharmacodyn Ther** 1984 Oct;271(2):220–8

Stereospecific stimulation of coronary vascular PGI2 by organic nitrates—studies with the new compound teopranitol (KC–046). Darius H, et al. **Biomed Biochim Acta** 1984;43(8–9):S269–72

Coronary flow regulation in patients with ischemic heart disease: release of purines and prostacyclin and the effect of inhibitors of prostaglandin formation. Edlund A, et al. **Circulation** 1985 Jun;71(6):1113–20

Evidence for a two–step process in prostaglandin secretion. Intracellular accumulation of prostacyclin precedes its release from human endothelial cells in culture. Thomas JM, et al. **FEBS Lett** 1984 Oct 15;176(1):202–6

Endothelial serotonin uptake and mediation of prostanoid secretion and stress fiber formation. Shepro D, et al. **Fed Proc** 1985 Jul;44(10):2616–9

[Effects of sodium ferulate combined with acetylsalicylic acid on rat platelet aggregation and on modulation of PGI2–TXA2 balance] Xu LN, et al. **Yao Hsueh Hsueh Pao** 1985 Jan;20(1):5–9 (Eng. Abstr.) **(Chi)**

THERAPEUTIC USE

Prostaglandins in therapy of cardiovascular disease. Szczeklik A, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:345–54 (53 ref.)

Platelet responses observed during and after infusions of the prostacyclin analog ZK 36 374. Yardumian DA, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:359–62

Intracoronary prostacyclin in evolving acute myocardial infarction. Grose R, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1625–6

Prostaglandin I2 attenuates ischemic acute renal failure in the rat. Lifschitz MD, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F714–7

Extracorporeal circulation in a patient with heparin–induced thrombocytopenia [letter] Ellison N, et al. **Anesthesiology** 1985 Sep;63(3):336–7

Thrombocytopenia and lupus–like anticoagulant in a patient with peripheral vascular disease: response to infusion of prostacyclin. Fonseca V, et al. **Angiology** 1985 Apr; 36(4):258–63

Prostacyclin in vascular pathology—therapeutic possibilities. Gryglewski RJ, et al. **Ann Clin Res** 1984;16(5–6):253–61 (119 ref.)

Prostacyclin and its clinical applications. Moncada S, et al. **Ann Clin Res** 1984;16(5–6):241–52 (159 ref.)

Inhibition of platelet aggregation by a new stable prostacyclin introduced in therapy of patients with progressive scleroderma. Keller J, et al. **Arch Dermatol Res** 1985; 277(4):323–5

Prostacyclin in severe peripheral vascular disease. de San Lazaro C, et al. **Arch Dis Child** 1985 Apr;60(4):370–2

Is gamma–camera imaging of platelet deposition useful to assess the effectiveness of prostacyclin treatment? Fitscha P, et al. **Biomed Biochim Acta** 1984;43(8–9):S403–8

Improved protection in myocardial ischemia by combined prostacyclin administration and intraaortic balloon pumping. Goos H, et al. **Biomed Biochim Acta** 1984; 43(8–9):S159–62

The impact of eicosanoids on compliance, cardiovascular performance, and coagulation during hemodialysis. Schultze G, et al. **Biomed Biochim Acta** 1984; 43(8–9):S426–9

On the late antiischaemic action of the stable PgI2 analogue: 7–oxo–PgI2–Na and its possible mode of action. Szekeres L, et al. **Biomed Biochim Acta** 1984;43(8–9):S135–42

Comparison of the thromboxane synthetase inhibitor dazoxiben and the prostacyclin mimetic iloprost in an animal model of acute ischaemia and reperfusion. Thiemermann C, et al. **Biomed Biochim Acta** 1984; 43(8–9):S151–4

Pharmacological effects of iloprost (ZK 36 374), a stable prostacyclin analogue, in man. Ylitalo P, et al. **Biomed Biochim Acta** 1984;43(8–9):S399–402

Hemodynamic effects of iloprost, a prostacyclin analog. Kaukinen S, et al. **Clin Pharmacol Ther** 1984 Oct; 36(4):464–9

Circulatory uses of prostaglandins. **Drug Ther Bull** 1984 Dec 31;22(26):101–3

Ultrastructural morphometric examinations on the protection provided by prostacyclin against myocardial ischaemia. David H, et al. **Exp Pathol** 1985;27(3):163–9

Transient drug-induced myocardial dysfunction is not ameliorated by PGI2 in dogs. Fitscha P, et al. **J Cardiovasc Pharmacol** 1985 May–Jun;7(3):538–43

Augmentation of streptokinase-induced thrombolysis by heparin and prostacyclin. Schumacher WA, et al. **J Cardiovasc Pharmacol** 1985 Jul–Aug;7(4):739–46

The role of the prostacyclin–thromboxane system in cerebral vasospasm following induced subarachnoid hemorrhage in the rabbit. Chan RC, et al. **J Neurosurg** 1984 Dec; 61(6):1120–8

Amelioration of the deleterious effects of platelets activated during cardiopulmonary bypass. Comparison of a thromboxane synthetase inhibitor and a prostacyclin analogue. Huddleston CB, et al. **J Thorac Cardiovasc Surg** 1985 Feb;89(2):190–5

Pharmacologic interventions in acute mesenteric ischemia: improved survival with intravenous glucagon, methylprednisolone, and prostacyclin. Kazmers A, et al. **J Vasc Surg** 1984 May;1(3):472–81

Prolonged infusion of prostacyclin in patients with advanced stages of peripheral vascular disease: a placebo-controlled cross-over study. Hossmann V, et al. **Klin Wochenschr** 1984 Dec 3;62(23):1108–14

Use of stable prostacyclin analogue ZK 36 374 to treat severe lower limb ischaemia [letter] Chiesa R, et al. **Lancet** 1985 Jul 13;2(8446):95–6

Successful treatment of thrombotic thrombocytopenic purpura by epoprostenol infusion [letter] Payton CD, et al. **Lancet** 1985 Apr 20;1(8434):927–8

Epoprostenol during haemodialysis [letter] Rylance PB, et al. **Lancet** 1984 Sep 29;2(8405):744–5

Clinical experience with the use of charcoal haemoperfusion: is prostacyclin required? Kennedy HJ, et al. **Life Support Syst** 1985 Apr–Jun;3(2):115–22

Anti-hypoxic effect of piracetam and its interaction with prostacyclin. Nikolova M, et al. **Methods Find Exp Clin Pharmacol** 1984 Jul;6(7):367–71

Prostacyclin in cerebral infarction [letter] Martin JF, et al. **N Engl J Med** 1985 Jun 20;312(25):1642

Treatment with prostacyclin of various forms of spontaneous angina pectoris not responding to placebo. Szczeklik A, et al. **Pharmacol Res Commun** 1984 Nov;16(11):1117–30

Haemodialysis with prostacyclin (Epoprostenol) alone. Rylance PB, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:281–6

The stable prostacyclin analogue iloprost alleviates cardiovascular symptoms of systemic anaphylaxis in anaesthetized cats. Müller B, et al. **Prostaglandins Leukotrienes Med** 1985 Feb;17(2):147–8

Double-blind controlled trial of prostacyclin in cerebral infarction. Martin JF, et al. **Stroke** 1985 May–Jun; 16(3):386–90

Effect of prostacyclin and adenosine triphosphate on vasospasm of canine basilar artery. Haciyakupoğlu S, et al. **Surg Neurol** 1985 Aug;24(2):126–40

Prostacyclin for ischemic ulcers in peripheral arterial disease. A random assignment, placebo controlled study. Niżankowski R, et al. **Thromb Res** 1985 Jan 1;37(1):21–8

Safety and efficacy of epoprostenol (PGI2) versus heparin (H) in hemodialysis (HD). Dubrow A, et al. **Trans Am Soc Artif Intern Organs** 1984;30:52–4

Application of a new prostaglandin I2 analogue (APS-306) on cardiopulmonary bypass. Takahama T, et al. **Trans Am Soc Artif Intern Organs** 1984;30:44–8

Treatment of cardiovascular disease with prostaglandins. Szczeklik A. **Vasa** 1984;13(4):360–4

[Action of prostacyclin on the extension of experimental venous thrombosis] Doutremepuich C, et al. **Ann Pharm Fr** 1984;42(5):467–71 (Eng. Abstr.) **(Fre)**

[Aggressive therapy in a case of Moschowitz syndrome] Trono D, et al. **Nouv Rev Fr Hematol** 1984;26(6):387–90 (Eng. Abstr.) **(Fre)**

[Treatment of Raynaud's phenomenon in scleroderma with a new stable prostacyclin derivative] Keller J, et al. **Dtsch Med Wochenschr** 1984 Sep 21;109(38):1433–8 (Eng. Abstr.) **(Ger)**

[The efficacy of prostacyclin (PGI2) and/or OKY-046, a specific thromboxane synthetase inhibitor, in acute myocardial infarction—experimental study] Moriuchi M. **Kokyu To Junkan** 1984 Sep;32(9):955–61 (Eng. Abstr.) **(Jpn)**

[Analogs of prostaglandin-related substances and inhibitors of their synthesis and metabolism. Clinical application: cardiovascular diseases] Ogawa K, et al. **Nippon Rinsho** 1985 Mar;43(3):578–82 (16 ref.) **(Jpn)**

PROSTANOIC ACIDS see under **FATTY ACIDS**

PROSTATE

Ectopic prostatic tissue. Gledhill A. **J Urol** 1985 Jan; 133(1):110–1

ANALYSIS

Acceptor proteins of rat prostate residual chromatin. Wang TY, et al. **Biochemistry** 1984 Oct 23;23(22):5326–9

Keratin immunoreactivity in the benign and neoplastic human prostate. Brawer MK, et al. **Cancer Res** 1985 Aug; 45(8):3663–7

Hormone levels in prostatic fluid from healthy finns and prostate cancer patients. Rose DP, et al. **Eur J Cancer Clin Oncol** 1984 Oct;20(10):1317–9

In vitro characterization of the alpha-adrenoceptors in human prostate. Hieble JP, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):111–7

Sodium, potassium, calcium, magnesium, zinc, citrate and chloride content of human prostatic and seminal fluid. Kavanagh JP. **J Reprod Fertil** 1985 Sep;75(1):35–41

Quantification of cytosolic steroid receptors in secretory and non-secretory epithelial cells of the canine prostate. Lamarre D, et al. **J Steroid Biochem** 1985 Jan;22(1):1–7

Distribution of oestrogen and androgen receptors between the stroma and epithelium of the guinea-pig prostate. Tilley WD, et al. **J Steroid Biochem** 1985 Jun;22(6):713–9

Partial purification of a prostatic growth factor. Story MT, et al. **J Urol** 1984 Dec;132(6):1212–5

Qualitative analysis of Coomassie-blue-stained proteins from normal prostate, benign prostatic hypertrophy, or adenocarcinoma of the prostate, separated by two-dimensional protein electrophoresis. Anderson KM, et al. **Prostate** 1985;6(3):315–23

[Detection of androgen receptor in human prostatic carcinomas by the autoradiography] Demura T, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Sep;75(9):1423–9 (Eng. Abstr.) **(Jpn)**

[Prostatic cytoplasmic androgen receptor in prostatic disease. I. Serum androgen levels, cytoplasmic androgen levels and cytoplasmic R1881 receptor in prostatic disease] Kitano T. **Nippon Hinyokika Gakkai Zasshi** 1984 Jul;75(7):1084–97 (Eng. Abstr.) **(Jpn)**

[Quantitation of alpha-1 and beta adrenergic receptor densities in the human normal and hypertrophied prostate] Yokoyama E, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Mar;76(3):325–37 (Eng. Abstr.) **(Jpn)**

[Studies of progestin specific binding protein in the human prostate (II): The possibility of non-specific binding protein disturbance for the accurate quantitative assay of 4S specific binding protein] Imai K, et al. **Nippon Naibunpi Gakkai Zasshi** 1985 Feb 20;61(2):120–9 (Eng. Abstr.) **(Jpn)**

[Study of zinc using X-ray scattering and transmission electron microscopy in human prostatic and neoplastic cells] Muñoz C, et al. **Actas Urol Esp** 1985 Mar–Apr; 9(2):185–90 (Eng. Abstr.) **(Spa)**

ANATOMY & HISTOLOGY

Influence of vasectomy on the volume of the non-hyperplastic prostate in men. Jakobsen H, et al. **Int J Androl** 1985 Feb;8(1):13–20

Use of ultrasound scan in prostatic I-125 implantation. Kim RY, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct; 10(10):1971–3

Estimation of canine prostatic size by in vivo ultrasound and volumetric measurement. Blum MD, et al. **J Urol** 1985 Jun; 133(6):1082–6

The prostate of the gorilla. Jacobs SC, et al. **Prostate** 1984; 5(6):597–603

The use of steroid-containing Silastic implants in male nude mice: plasma hormone levels and the effect of implantation on the weights of the ventral prostate and seminal vesicles. van Steenbrugge GJ, et al. **Prostate** 1984;5(6):639–47

Sonourethrography: technique for evaluation of prostatic urethra. Rifkin MD. **Radiology** 1984 Dec;153(3):791–2

[Tentative classification of the ultrasound symptomatology of the prostate by an anatomo-ultrasonic comparison of 34 cases] Peneau M, et al. **Ann Urol (Paris)** 1985;19(1):19–25 (Eng. Abstr.) **(Fre)**

[Comparative studies of the accessory glands of the male urethra] Wrobel KH, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:193–200 **(Ger)**

[Possibilities of endocavitary echography in the exploration of the prostate and seminal vesicles] Boronat F, et al. **Actas Urol Esp** 1984 Jul–Aug;8(4):301–8 (Eng. Abstr.) **(Spa)**

BLOOD SUPPLY

[Partial pelvic ischemia as an aid in radical prostatovesiculectomy] Ausfeld R, et al. **Helv Chir Acta** 1984 Oct;51(3–4):447–8 (Eng. Abstr.) **(Ger)**

CYTOLOGY

Human prostatic endocrine-paracrine (APUD) cells. Distributional analysis with a comparison of serotonin and neuron-specific enolase immunoreactivity and silver stains. di Sant'Agnese PA, et al. **Arch Pathol Lab Med** 1985 Jul; 109(7):607–12

Testosterone-estradiol-binding globulin binds to human prostatic cell membranes. Hryb DJ, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):432–40

Selenium prevents the growth stimulatory effects of cadmium on human prostatic epithelium. Webber MM. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):871–7

Effects of castration and replacement of androgen on the separation of rat ventral prostate cells by Ficoll gradient centrifugation. Rubenstein M, et al. **Clin Physiol Biochem** 1983;1(1):27–35

Serial propagation of adult human prostatic epithelial cells with cholera toxin. Peehl DM, et al. **In Vitro** 1984 Dec; 20(12):981–6

Effects of androgen and polyamines on the phosphorylation of nucleolar proteins from rat ventral prostates with particular reference to 110-kDa phosphoprotein. Suzuki N, et al. **J Biol Chem** 1985 Jul 5;260(13):8050–5

Nonsteroidal serum factors involved in the regulation of the proliferation of canine prostatic epithelial cells in culture. Chevalier S, et al. **Prostate** 1984;5(5):503–12

[In vitro models for research on cell differentiation and malignant degeneration in the human prostate] Bozhok IuM, et al. **Eksp Onkol** 1985;7(1):15–21 (67 ref.) (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Reversible inhibition of gonadal functions by a potent gonadotropin-releasing hormone agonist in adult dog. Tremblay Y, et al. **Contraception** 1984 Nov;30(5):483–97

Effect of gonadotropin releasing hormone on ventral prostate of rat. Raju VS, et al. **Horm Metab Res** 1985 May; 17(5):241–3

Differential effects of prolactin on rat dorsolateral prostate and R3327 prostatic tumor sublines. Johnson MP, et al. **J Urol** 1985 Jun;133(6):1112–20

Antagonistic effect of androgen on prostatic cell death. Isaacs JT. **Prostate** 1984;5(5):545–57

Hormonal effects on zinc concentration and morphology of rat lateral prostate gland. Itaya PW, et al. **Prostate** 1984; 5(5):513–30

The effects of estradiol-17 beta on the ultrastructure and subcellular distribution of zinc in the prostatic epithelium of castrated rats. Timms BG, et al. **Prostate** 1985;6(1):61–79

The effect of nicergoline on the lower urinary tract muscle. Caine M, et al. **Urol Res** 1984;12(6):287–90

[Enlargement of the prostate after reserpine in an experimental animal] Frühaufová-Aušková M, et al. **Cas Lek Cesk** 1984 Jun 29;123(26):803–5 (Eng. Abstr.) **(Cze)**

[Effect of anticancer agents on rat prostate. Evaluation of organ weight, histological finding and 5 alpha-reductase activities] Takeda M, et al. **Hinyokika Kiyo** 1985 Jan; 31(1):71–80 (Eng. Abstr.) **(Jpn)**

EMBRYOLOGY

[Surgical significance of Denonvillier's aponeurosis] Benoit G, et al. **Ann Urol (Paris)** 1984 Jun–Jul;18(4):284–7 (Eng. Abstr.) **(Fre)**

ENZYMOLOGY

Immunoperoxidase demonstration of prostatic acid phosphatase in aspiration biopsy cytology (ABC). Keshgegian AA, et al. **Am J Clin Pathol** 1984 Nov; 82(5):586–9

Stabilization of human prostatic acid phosphatase by cross-linking with diamines. Dziembor-Gryszkiewicz E, et al. **Biochem Int** 1983 May;6(5):627–33

Immunohistochemical localization of cytochrome P-450 and reduced nicotinamide adenine dinucleotide phosphate:cytochrome P-450 reductase in the rat ventral prostate. Haaparanta T, et al. **Cancer Res** 1985 Mar; 45(3):1259–62

Selective inhibition of prostatic tumor 5 alpha-reductase by a 4-methyl-4-azasteroid. Kadohama N, et al. **Cancer Res** 1984 Nov;44(11):4947–54

Chromatin-associated protein kinases in human normal and benign hyperplastic prostate. Rayan A, et al. **Cancer Res** 1985 May;45(5):2277–82

Assessment of serum radioimmune and enzymatic prostatic acid phosphatase and radioimmune creatine kinase BB for monitoring response to therapy in metastatic prostatic carcinoma. Zweig MH, et al. **Cancer Res** 1985 Aug; 45(8):3945–50

3 alpha-hydroxysteroid and 3 beta-hydroxysteroid-oxidoreductase activities in vitro from prostate of isoimmunized rats. Diserio G, et al. **Cell Mol Biol** 1985;31(2):81–7

Enzyme histochemistry of the adult human female prostate: hydrolase and dehydrogenase distribution. Zaviačič M. **Cell Mol Biol** 1984;30(6):537–43

Enzyme histochemistry of the adult human female prostate: acid phosphatase distribution. Zaviačič M. **Cell Mol Biol** 1984;30(6):545–51

Characterization of a serum factor interfering with the radioimmunoassay of prostatic acid phosphatase. Lea OA. **Clin Chim Acta** 1985 Jul 15;149(2–3):197–203

The preparation, characterization and application of monoclonal antibodies to human prostatic acid phosphatase (PAP). Sturgeon CM, et al. **Dev Biol Stand** 1984;57:331–40

Immunological localization and quantitation of the androgen-dependent secretory protease of the canine prostate. Isaacs WB, et al. **Endocrinology** 1985 Oct

117(4):1512-20

Species differences in prostatic steroid 5 alpha-reductases of rat, dog, and human. Liang T, et al. **Endocrinology** 1985 Aug;117(2):571-9

Monoclonal antibody-based radioimmunoassay compared with conventional enzyme immunoassay in the detection of prostatic acid phosphatase. Wirth MP, et al. **Eur Urol** 1984;10(5):326-30

Evidence that human prostatic 5 alpha-reductase is located exclusively in the nucleus. Houston B, et al. **FEBS Lett** 1985 Jun 17;185(2):231-5

Rat prostate gland--a good model for demonstration of ornithine decarboxylase by immunohistochemistry. Dorn A, et al. **Histochem J** 1985 Jun;17(6):731-3

Aminopeptidase A in reproductive organs of the male rat: evidence for high activity in the posterior lobe of the prostate. Vanha-Perttula T, et al. **Int J Androl** 1984 Oct;7(5):419-30

Photoaffinity labeling of steroid 5 alpha-reductase of rat liver and prostate microsomes. Liang T, et al. **J Biol Chem** 1985 Apr 25;260(8):4890-5

Regulation of S-adenosylmethionine decarboxylase activity in rat liver and prostate. Shirahata A, et al. **J Biol Chem** 1985 Aug 15;260(17):9583-8

Gastricsin in the benign and malignant prostate. Reid WA, et al. **J Clin Pathol** 1985 Jun;38(6):639-43

Azasteroids as inhibitors of rat prostatic 5 alpha-reductase. Rasmusson GH, et al. **J Med Chem** 1984 Dec;27(12):1690-701

Solubilization of human prostatic 5 alpha-reductase. Houston B, et al. **J Steroid Biochem** 1985 Apr;22(4):461-7

Metabolism of androgens in the seminal vesicles and the different lobes of the prostate in young mature rats. Lundmo PI, et al. **J Steroid Biochem** 1985 Apr;22(4):513-9

Age dependent changes in androgen metabolism in the rat prostate. Lundmo PI, et al. **J Steroid Biochem** 1985 Apr;22(4):521-8

5 Alpha-reductase and 3 alpha-hydroxysteroid dehydrogenase activities in isolated canine prostatic epithelial cells. McKercher G, et al. **J Steroid Biochem** 1984 Nov;21(5):549-54

Discrimination between normal, hyperplastic and malignant human prostatic tissues by enzymatic profiles. Brendler CB, et al. **J Urol** 1985 Mar;133(3):495-501

Glutamate dehydrogenase and a proposed glutamate-aspartate pathway for citrate synthesis in rat ventral prostate. Franklin RB, et al. **J Urol** 1984 Dec;132(6):1239-43

Immunocytochemical demonstration of prostatic acid phosphatase: different secretion kinetics between normal, hyperplastic and neoplastic prostates. Mori K, et al. **J Urol** 1985 May;133(5):877-83

Immunoreactive prostatic acid phosphatase in prostatic cancer: diagnosis and followup of patients. Vihko P, et al. **J Urol** 1985 Jun;133(6):979-82

Diagnostic accuracy of four assays of prostatic acid phosphatase. Comparison using receiver operating characteristic curve analysis. Carson JL, et al. **JAMA** 1985 Feb 1;253(5):665-9

Human prostatic acid phosphatase. Molecular properties and clinical application. Ostrowski WS. **Mater Med Pol** 1985 Jan-Mar;17(1):9-12

Prolactin desensitizes the prostaglandin E1-dependent adenylyl cyclase in the rat prostate gland. Rui H, et al. **Mol Cell Endocrinol** 1984 Nov;38(1):53-60

Anti-androgens do not alter androgen-dependent characteristics of acid phosphatase in the rat ventral prostate. Tenniswood M, et al. **Mol Cell Endocrinol** 1984 Sep;37(2):153-8

Age-related alterations in the catecholamine-sensitive adenylate cyclase system of the prostate. Shima S, et al. **Mol Pharmacol** 1985 Feb;27(2):218-22

A histochemical comparison of acid phosphatase activity in human BPH and rat ventral prostate. Buchanan LJ, et al. **Prostate** 1984;5(5):537-44

Inhibition of androgen metabolism in stroma and epithelium of the human benign prostatic hyperplasia by progesterone, estrone, and estradiol. Krieg M, et al. **Prostate** 1985;6(3):233-40

Thyrotropin-releasing hormone (TRH) activates the adenylyl cyclase of nonsecretory cells in the rat ventral prostate. Purvis K, et al. **Prostate** 1984;5(6):613-9

Androgen regulation of poly(A) polymerase in the ventral prostate of rat. Raju VS, et al. **Steroids** 1984 Apr;43(4):407-14

Analysis of prostatic acid phosphatase in urine voided before and after massage of the prostate in infertile men. Moberg PJ, et al. **Urol Int** 1984;39(4):189-92

Prostatic origin of fucosyl transferase in human seminal plasma--a study on healthy controls and on men with infertility or with prostatic cancer. Ronquist G, et al. **Urol Res** 1984;12(5):243-7

Elevation of serum prostatic acid phosphatase levels after prostatic massage. Wadström J, et al. **Urology** 1984 Dec;24(6):550-1

[What is the use of the radioimmunoassay of prostatic acid phosphatase?] Luckacs B, et al. **J Urol (Paris)** 1985;91(4):211-4 (Eng. Abstr.) **(Fre)**

[Effect of prostate massage on the levels of prostate acid phosphatase in the serum and urine] Wadström J, et al. **Helv Chir Acta** 1984 Oct;51(3-4):437-40 **(Ger)**

[Tumor markers of prostate cancer--evaluation of serum PAP and PA] Miki M. **Gan No Rinsho** 1985 May;31(6 Suppl):664-9 (Eng. Abstr.) **(Jpn)**

[Localization of prostatic acid phosphatase in the prostatic tissue] Endo K. **Nippon Hinyokika Gakkai Zasshi** 1985 Jan;76(1):10-9 (Eng. Abstr.) **(Jpn)**

[Acid and alkaline phosphatases of the rat prostate and the androgenic status of the body] Vasilenko AS, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):57-62 (Eng. Abstr.) **(Rus)**

[The effect of testosterone propionate, 5 alpha-dihydrotestosterone and 5 alpha-androstan-3 beta, 17 beta-diol on acid phosphatase activity in the prostate of castrated rats] Sharkevich IN, et al. **Ukr Biokhim Zh** 1984 Sep-Oct;56(5):558-61 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Effects of pituitary grafting and CB-154 treatment on the growth of prostates in mice. Mori T, et al. **Acta Anat (Basel)** 1984;120(4):180-4

Tissue interactions and prostatic growth: a new mouse model for prostatic hyperplasia. Chung LW, et al. **Ann NY Acad Sci** 1984;438:394-404

The aging ACI/Seg versus Copenhagen male rat as a model system for the study of prostatic carcinogenesis. Isaacs JT. **Cancer Res** 1984 Dec;44(12 Pt 1):5785-96

[1-14C]acetate incorporation into free and esterified cholesterol during the development of the rat ventral prostate. Carmena MJ, et al. **Comp Biochem Physiol [B]** 1984;79(4):633-6

Mesenchymal-epithelial interactions during androgen-induced development of the prostate. Cunha GR. **Prog Clin Biol Res** 1985;171:15-24 (35 ref.)

IMMUNOLOGY

The proteolytic activity of human prostate-specific antigen. Ban Y, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):482-8

Evidence for a novel hybrid immunotoxin recognizing ricin A-chain by one antigen-combining site and a prostate-restricted antigen by the remaining antigen-combining site: potential for immunotherapy. Webb KS, et al. **Cancer Treat Rep** 1985 Jun;69(6):663-72

A retrospective look at studies on prostate-specific antigen [letter] Ablin RJ. **Clin Chem** 1985 Mar;31(3):497-8

Monoclonal antibodies to tissue-specific cell surface antigens. I. Characterization of an antibody to a prostate tissue antigen. Carroll AM, et al. **Clin Immunol Immunopathol** 1984 Nov;33(2):268-81

[Studies on prostate specific antigen, gamma-seminoprotein (gamma-Sm) as a tumor marker of prostatic cancer] Kamachi S, et al. **Rinsho Byori** 1984 Jul;32(7):781-5 **(Jpn)**

[Prostate-specific antigen in the diagnosis of prostatic carcinoma] Virseda JA, et al. **Actas Urol Esp** 1985 Jan-Feb;9(1):89-94 (Eng. Abstr.) **(Spa)**

INNERVATION

Down regulation of the muscarinic cholinergic receptor of the rat prostate following castration. Shapiro E, et al. **J Urol** 1985 Jul;134(1):179-82

Preservation of periprostatic autonomic nerves during total perineal prostatectomy by intrafascial dissection. Weiss JP, et al. **Urology** 1985 Aug;26(2):160-3

METABOLISM

Interactions of an anti-androgen (cyproterone acetate) with the androgen receptor system and its biological action in the rat ventral prostate. Huang JK, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):569-76

Prolactin increases lipid fluidity and prolactin binding of rat prostatic membranes. Dave JR, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E687-93

Modulation of androgen receptor activity in the rat ventral prostate. Hiipakka RA, et al. **Ann NY Acad Sci** 1984;438:54-60

Organization and expression of genes encoding prostatic steroid binding protein. Parker M, et al. **Ann NY Acad Sci** 1984;438:115-24

Molecular properties of the androgen receptor in rat ventral prostate. Tindall DJ, et al. **Ann NY Acad Sci** 1984;438:39-53

Metabolic profiles of prostate gland after the administration of prolactin and bromocriptine. Dhananjaya Reddy Y, et al. **Arch Int Physiol Biochim** 1984 Aug;92(2):125-30

Androgen regulated genes from prostate and seminal vesicle share upstream sequence homologies. Kandala JC, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):948-52

Localization of prostatic basic protein ('probasin') in the rat prostates by use of monoclonal antibody. Matuo Y, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):293-300

Specific binding of 3H-estradiol to rat prostate nuclear matrix. Swaneck GE, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1381-7

Androgen-dependent peptides of the rat ventral prostate nuclear envelope. Venkatraman JT, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):469-74

Affinity labeling of the androgen receptor in rat prostate cytosol with 17 beta-[(bromoacetyl)oxy]-5 alpha-androstan-3-one. Chang CH, et al. **Biochemistry** 1984 May 22;23(11):2527-33

Modulation of prolactin binding sites in vitro by membrane fluidizers. Effects on male prostatic and female hepatic membranes in alcohol-fed rats. Dave JR, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):313-20

Identification of structural and secretory lectin-binding glycoproteins of normal and cancerous human prostate. Lad PM, et al. **Biochim Biophys Acta** 1984 Dec 7;791(2):186-97

A comparison of retinol binding in human hyperplastic and malignant prostate. Boyd D, et al. **Br J Cancer** 1985 Jun;51(6):903-5

Synthesis of acid phosphatase and other proteins by human prostatic tissue in vitro. Dubé JY, et al. **Can J Biochem Cell Biol** 1984 Jul;62(7):555-8

Characterization of the retinol and retinoic acid binding proteins in the human prostate. Boyd D, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5532-7

Different patterns of filipin-sterol labeling in prostate nuclear membranes from normal and castrated rats. Carmo-Fonseca M, et al. **Cell Biol Int Rep** 1985 Jan;9(1):69-83

Ciprofloxacin distribution in prostatic tissue and fluid following oral administration. Boerema JB, et al. **Chemotherapy** 1985;31(1):13-8

Effects of steroid androgens on the uptake and distribution of zinc in slices from human prostates. Larue JP, et al. **Endocr Res** 1984;10(2):183-92

Identification of a low molecular weight ligand for zinc in the human hyperplastic prostate. Larue JP, et al. **Endocr Res** 1984;10(2):171-81

Stability of receptor complexes in the rat ventral prostate and seminal vesicle bound to androgens: thermodynamic study. Satoh Y, et al. **Endocrinol Jpn** 1984 Dec;31(6):771-91

The penetration of antibiotics into the prostate in chronic bacterial prostatitis [editorial] Barza M, et al. **Eur J Clin Microbiol** 1984 Dec;3(6):503-5

Diffusion of ciprofloxacin into prostatic fluid. Dalhoff A, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):360-2

Biochemical characteristics of the proteins secreted by dog prostate, a review. Dubé JY, et al. **Exp Biol** 1985;43(3):149-59 (34 ref.)

Cytochemical studies of acid phosphatases in the rat lateral prostate with special reference to secretory apparatus and lysosome system. Kimura M, et al. **Histochemistry** 1985;82(6):519-23

Biological synthesis of L-ascorbic acid in goat prostate. Shah S, et al. **Indian J Biochem Biophys** 1985 Feb;22(1):43-8

Catabolism of ascorbic acid in prostate of rat and goat. Shah S, et al. **Indian J Biochem Biophys** 1984 Aug;21(4):276-7

Evidence for the prostatic origin of immunoreactive inhibin-like material in human seminal plasma. Beksac MS, et al. **Int J Androl** 1984 Oct;7(5):389-97

Penetration of ceftazidime into the human prostate gland following intravenous injection. Abbas AM, et al. **J Antimicrob Chemother** 1985 Jan;15(1):119-21

Intraprostatic concentration of ciprofloxacin and its activity against urinary pathogens. Hoogkamp-Korstanje JA, et al. **J Antimicrob Chemother** 1984 Dec;14(6):641-5

In situ cross-linking of androgen receptors to nuclear acceptor sites of rat prostate with formaldehyde. Foekens JA, et al. **J Biol Chem** 1985 Aug 25;260(18):10093-8

Acute effects of testicular and adrenal cortical blockade on protein synthesis and dihydrotestosterone content of human prostate tissue. Liu J, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):129-33

Effect of tamoxifen on stromal protein synthesis in the human prostate. Liu J, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):710-3

Autoradiographic studies of androgen-binding sites in the rat urogenital sinus and postnatal prostate. Takeda H, et al. **J Endocrinol** 1985 Jan;104(1):87-92

Effect of castration on the metabolism of L-ascorbic acid in rat prostate. Shah S, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Feb;31(1):107-13

Tamoxifen decreases progesterone and nuclear androgen receptors in the human prostate. Albert JD, et al. **J Steroid Biochem** 1984 Dec;21(6):659-62

Comparison of the receptor binding properties of nandrolone and testosterone under in vitro and in vivo conditions. Bergink EW, et al. **J Steroid Biochem** 1985 Jun;22(6):831-6

A comparison of estrogen and androgen receptor levels in human prostatic tissue from patients with non-metastatic and metastatic carcinoma and benign prostatic hyperplasia. Kirdani RY, et al. **J Steroid Biochem** 1985 May;22(5):569-75

Androgen interactions with intact nuclear envelopes from the rat ventral prostate. Lefebvre YA, et al. **J Steroid Biochem** 1985 Jul;23(1):107-13

Limitations in the use of tritiated methyltrienolone for the photoaffinity labelling of androgen receptor proteins. Mainwaring WI, et al. **J Steroid Biochem** 1984 Sep;21(3):209-16

Specific binding of oestradiol to guinea-pig prostate cytosol and nuclear fractions. Tilley WD, et al. **J Steroid Biochem** 1985 Jun;22(6):705-11

Resolution of non-activated and activated androgen receptors based on differences in their hydrodynamic properties. Traish AM, et al. **J Steroid Biochem** 1985 May;22(5):601-9

Characterization of alpha1 adrenergic receptors in human benign prostatic hyperplasia. Lepor H, et al. **J Urol** 1984 Dec;132(6):1226-9

Effect of long-term hyperprolactinemia on the prolactin receptor content of the rat ventral prostate. Blankenstein MA, et al. **Prostate** 1985;6(3):277–83

Fluctuations in prostatic glycosaminoglycans during fetal and pubertal growth. de Klerk DP, et al. **Prostate** 1985; 6(2):169–75

Amifloxacin distribution in the dog prostate. Frimodt-Møller PC, et al. **Prostate** 1985;6(2):163–8

Zinc and cadmium concentrations in whole tissue and in separated epithelium and stroma from human benign prostatic hypertrophic glands. Lahtonen R. **Prostate** 1985; 6(2):177–83

Sex steroid receptors in normal and hyperplastic human prostate. Robel P, et al. **Prostate** 1985;6(3):255–67

Metabolic action of prolactin in regressing prostate: independent of androgen action. Smith C, et al. **Prostate** 1985;6(1):49–59

Binding characteristics of inhibin in rat ventral prostate. Vanage GR, et al. **Prostate** 1985;6(2):195–203

Determination of the distribution of zinc and cadmium in cellular fractions of BPH, normal prostate and prostatic cancers of different histologies by atomic and laser absorption spectrometry in tissue slices. Feustel A, et al. **Urol Res** 1984;12(5):253–6

Distribution of ciprofloxacin in the dog prostate and various tissues. Frimodt-Møller PC, et al. **Urol Res** 1984; 12(6):283–6

[Incorporation of androgens at the time of cell differentiation of the prostatic epithelium in the rat] Takeda H, et al. **C R Soc Biol (Paris)** 1984;178(5):572–5 (Eng. Abstr.) **(Fre)**

[Prostatic tissue levels of josamycin] Fagioli A, et al. **G Ital Chemioter** 1982;29 Suppl 1:85–7 (Eng. Abstr.) **(Ita)**

[A study of prostatic tissue levels of ceftizoxime, cefoperazone and cefotaxime] Ikeda S, et al. **Hinyokika Kiyo** 1984 Aug;30(8):1135–42 (Eng. Abstr.) **(Jpn)**

[Study on the prostatic tissue levels of cefmenoxime (CMX)] Kataoka K, et al. **Hinyokika Kiyo** 1985 Feb;31(2):273–9 (Eng. Abstr.) **(Jpn)**

[Concentration of antimicrobial agents in male genital organs] Kataoka N. **Hinyokika Kiyo** 1983 Oct;29(10):1219–30 (Eng. Abstr.) **(Jpn)**

[Prostatic tissue and fluid levels of DL–8280] Kumon H, et al. **Hinyokika Kiyo** 1984 Sep;30(9):1297–305 (Eng. Abstr.) **(Jpn)**

[Concentration level of latamoxef sodium (LMOX) in prostatic tissue] Takao M, et al. **Hinyokika Kiyo** 1985 Mar; 31(3):539–43 (Eng. Abstr.) **(Jpn)**

[Concentration of antibiotics in the prostate: cefmetazole] Fujita K, et al. **Jpn J Antibiot** 1984 Sep;37(9):1694–6 (Eng. Abstr.) **(Jpn)**

[Clinical studies on cefmenoxine concentration in prostatic tissue and bladder wall] Miyagawa I, et al. **Jpn J Antibiot** 1984 May;37(5):787–90 (Eng. Abstr.) **(Jpn)**

[The investigation of prostatic fluid and tissue levels of DL–8280 and clinical study of DL–8280 in acute prostatitis] Hara S, et al. **Kansenshogaku Zasshi** 1984 Sep;58(9):921–31 (Eng. Abstr.) **(Jpn)**

[Studies of progestin specific binding protein in the human prostate [I]: Studies on basic conditions for the accurate quantitative assay method] Imai K, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Aug 20;60(8):950–63 (Eng. Abstr.) **(Jpn)**

[Levels of pipemidic acid in biological fluids and human prostatic tissue. Experimental and clinical study] Gallego Gómez J, et al. **Actas Urol Esp** 1984 Sep–Oct;8(5):395–8 (Eng. Abstr.) **(Spa)**

MICROBIOLOGY

Isolation of Chlamydia trachomatis from the prostatic cells in patients affected by nonacute abacterial prostatitis. Poletti F, et al. **J Urol** 1985 Oct;134(4):691–3

Anaerobic bacteria in urine before and after prostatic massage of infertile men. Moberg PJ, et al. **Med Microbiol Immunol (Berl)** 1985;174(1):25–8

Retrovirus-like particles in salivary glands, prostate and testes of AIDS patients. Lecatsas G, et al. **Proc Soc Exp Biol Med** 1985 Apr;178(4):653–5

PATHOLOGY

The development of benign prostatic hyperplasia among volunteers in the Normative Aging Study. Glynn RJ, et al. **Am J Epidemiol** 1985 Jan;121(1):78–90

Unique finding of prostatic tissue in a benign cystic ovarian teratoma. Brumback RA, et al. **Arch Pathol Lab Med** 1985 Jul;109(7):675–7

Serial prostatic histology. A valid marker of response to hormone treatment. Bishop MC, et al. **Br J Urol** 1985 Aug; 57(4):453–7

Prostatic biopsy with the 21 gauge Surecut needle. A preliminary report of a new technique. Torp-Pedersen S, et al. **Br J Urol** 1985 Feb;57(1):56–9

Ductal spread in prostatic carcinoma. Kovi J, et al. **Cancer** 1985 Oct 1;56(7):1566–73

Dexamethasone and retinyl acetate similarly inhibit and stimulate EGF- or insulin-induced proliferation of prostatic epithelium. Chaproniere DM, et al. **J Cell Physiol** 1985 Feb;122(2):249–53

Preoperative lymph node evaluation in prostatic cancer patients who are surgical candidates: the role of lymphangiography and computerized tomography scanning with directed fine needle aspiration. Flanigan RC, et al. **J Urol** 1985 Jul;134(1):84–7

Prostatic biopsy in selected patients with carcinoma in situ of the bladder: preliminary report. Grabstald H. **J Urol** 1984 Dec;132(6):1117–8

Successive waves of apoptosis in the rat prostate after repeated withdrawal of testosterone stimulation. Sandford NL, et al. **Pathology** 1984 Oct;16(4):406–10

Tissue interactions and prostatic growth: II. Morphological and biochemical characterization of adult mouse prostatic hyperplasia induced by fetal urogenital sinus implants. Miller GJ, et al. **Prostate** 1985;6(3):241–53

The lack of prognostic significance of biopsies after radiotherapy for prostatic cancer. Cox JD, et al. **Semin Urol** 1983 Nov;1(4):237–42

Fine-needle aspiration biopsy of the prostate gland: technique and review of the literature. Ljung BM. **Semin Urol** 1985 Feb;3(1):18–26

The prognostic significance of biopsies after radiotherapy for prostatic cancer. Scardino PT. **Semin Urol** 1983 Nov; 1(4):243–52 (33 ref.)

Reliability of Gleason grading system in comparing prostate biopsies with total prostatectomy specimens. Babaian RJ, et al. **Urology** 1985 Jun;25(6):564–7

Prostatic biopsy after irradiation therapy for prostatic cancer. Scardino PT, et al. **Urology** 1985 Feb;25(2 Suppl):39–46

Technique which eliminates need for assistant during prostatic needle biopsies. Siegel AL, et al. **Urology** 1985 Apr;25(4):404

Benign prostatic hyperplasia. Cygan R, et al. **West J Med** 1984 Oct;141(4):528–30

[Possibilities of diagnosing urothelial carcinomas involving the prostate via transrectal aspiration biopsy] Topov Ia, et al. **Khirurgiia (Sofiia)** 1984;37(5):390–4 (Eng. Abstr.) **(Bul)**

[A simple preoperative ultrasonic method of estimating the size of the prostate] Olsen PR, et al. **Ugeskr Laeger** 1984 Dec 10;146(50):3899–901 (Eng. Abstr.) **(Dan)**

[Carcinoid tumor of the prostate. A new anatomoclinical case and review of the literature] Dauge MC, et al. **Arch Anat Cytol Pathol** 1985;33(2):73–9 (Eng. Abstr.) **(Fre)**

[Histomorphologic studies of prostate biopsies, prostatectomy preparations and lymph node metastases in prostatic cancer] Schubert J, et al. **Z Urol Nephrol** 1984 Sep; 77(9):521–8 (Eng. Abstr.) **(Ger)**

[Transrectal prostatic cytology using needle aspiration. Review of 832 cases] Perugia G, et al. **Minerva Urol Nefrol** 1984 Jan–Mar;36(1):5–8 (Eng. Abstr.) **(Ita)**

[Atypical hyperplasia and latent carcinoma of the prostate as an early stage of carcinoma] Yatani R, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):714–9 (Eng. Abstr.) **(Jpn)**

[A study of transrectal aspiration biopsy of the prostate] Fujioka T, et al. **Hinyokika Kiyo** 1984 Sep;30(9):1189–94 (Eng. Abstr.) **(Jpn)**

[Exfoliative cytology of carcinoma of the prostate: use of a specially designed prostatic fluid obtaining catheter] Ichijo S, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Aug; 75(8):1299–305 (Eng. Abstr.) **(Jpn)**

[Quantitative analysis of the ultrasonogram of the prostate] Kimura A. **Nippon Hinyokika Gakkai Zasshi** 1984 Jul; 75(7):1148–53 (Eng. Abstr.) **(Jpn)**

[Complications of puncture biopsy of the prostate] Musierowicz A, et al. **Pol Tyg Lek** 1984 Jul 9;39(28):961–2 (Eng. Abstr.) **(Pol)**

[Rare complication of thin-needle perineal biopsy of the prostate] Musierowicz A, et al. **Wiad Lek** 1984 Sep 1; 37(17):1380–2 (Eng. Abstr.) **(Pol)**

[Prostatic squamous cell cancer and its differential diagnostic contrast with squamous cell metaplasia] Samsonov VA. **Arkh Patol** 1984;46(8):23–9 (Eng. Abstr.) **(Rus)**

[Morphological characteristics of prostatic sclerosis as one of the causes of subvesical obstruction] Karpenko VS, et al. **Vrach Delo** 1985 Feb;(2):36–41 (Eng. Abstr.) **(Rus)**

[Estimation of the size of the prostate by transabdominal ultrasonography] Arap S, et al. **Arch Esp Urol** 1984 Dec; 37 Suppl 1:609–12 (Eng. Abstr.) **(Spa)**

[Prostatic vasculitis, an unusual beginning for panarteritis nodosa] Genescá J, et al. **Med Clin (Barc)** 1984 Oct 27; 83(13):545–6 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Effects of vasoactive intestinal peptide on canine prostatic contraction and secretion. Smith ER, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R701–8

Role of the prostate in the regulation of pituitary secretion of follicle stimulating hormone. Sheth AR, et al. **Med Hypotheses** 1984 Oct;15(2):141–8

Action of prolactin in regressing prostate: independent of action mediated by androgen receptors. Assimos D, et al. **Prostate** 1984;5(6):589–95

[Hormone dependence of the human prostate] Robel P. **Presse Med** 1984 Oct 6;13(35):2117–9 **(Fre)**

[Early changes in the dog prostate after castration. An ultrastructural study] Sinowatz F. **Acta Anat (Basel)** 1984; 120(3):103–7 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

Classification of enlarged prostatic utricle in patients with hypospadias. Ikoma F, et al. **Br J Urol** 1985 Jun;57(3):334–7

Methods for monitoring canine prostate size: internal and external caliper measurements. Berry SJ, et al. **Prostate** 1985;6(3):303–14

SECRETION

The prostasome: its secretion and function in man. Ronquist G, et al. **Biochim Biophys Acta** 1985 Sep 9;822(2):203–18 (97 ref.)

Two-dimensional electrophoretic analysis of human prostatic fluid proteins. Guevara J Jr, et al. **Cancer Res** 1985 Apr; 45(4):1766–71

Systematic characterization of human prostatic fluid proteins with two-dimensional electrophoresis. Tsai YC, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2026–30

Evidence for the prostatic origin of immunoreactive inhibin-like material in human seminal plasma. Beksac MS, et al. **Int J Androl** 1984 Oct;7(5):389–97

Exfoliative cytology of prostatic carcinoma using a prostatic fluid collecting catheter. Ichijo S, et al. **J Urol** 1985 Mar; 133(3):416–20

Localization of a normal prostatic secretory product using the monoclonal antibody KR–P8. Raynor RH, et al. **J Urol** 1985 Aug;134(2):384–7

Mitogenic factors in prostatic tissue and expressed prostatic secretion. Tackett RE, et al. **J Urol** 1985 Jan;133(1):45–8

Effects of prostatic secretion on reduced sugars in human seminal plasma. Montagnon D, et al. **Prostate** 1984; 5(5):531–5

Secretion of bromide by the canine prostate. Smith ER, et al. **Prostate** 1985;6(2):155–62

Reactivation of the secretion from the prostatic gland in cases of reduced fertility. Biological study of seminal fluid modifications. Lucchetta G, et al. **Urol Int** 1984;39(4):222–4

SURGERY

Impact of short perioperative courses of cefotaxime on aerobic bacterial flora in patients undergoing transurethral prostatic resection. Grabe M, et al. **Eur J Clin Microbiol** 1985 Feb;4(1):24–9

Prevention of irrigating fluid absorption during transurethral resection of the prostate. Hultén J. **Scand J Urol Nephrol [Suppl]** 1984;82:1–80

Serum half life of prostatic acid phosphatase. Wadström J, et al. **Urol Res** 1985;13(3):131–2

Dynamic approach to transurethral resection of large prostate adenoma. Claman M. **Urology** 1985 Jun;25(6):643–5

[Role of leukocytic factors in the pathogenesis of complications following surgical procedures on the kidneys and prostate gland] Ukhal'MI. **Urol Nefrol (Mosk)** 1984 Nov–Dec;(6):70–2 (67 ref.) **(Rus)**

ULTRASTRUCTURE

Ultrastructure of the epithelial cells of the ventral prostate from the hopping mouse Notomys alexis. Wong YC, et al. **Acta Anat (Basel)** 1985;121(3):163–9

Phosphorylation of prostatic nuclear matrix proteins is under androgenic control. Goueli SA, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):646–50

Endocrine-paracrine cells of the prostate and prostatic urethra: an ultrastructural study. di Sant'Agnese PA, et al. **Hum Pathol** 1984 Nov;15(11):1034–41

Actin localization in rat ventral prostate glandular cells with an immunogold staining technique. Gulbenkian S. **J Submicrosc Cytol** 1985 Jul;17(3):477–80

Nuclear androgen receptor content in biopsy specimens from histologically normal, hyperplastic, and cancerous human prostatic tissue. van Aubel OG, et al. **Prostate** 1985; 6(2):185–94

[Ultrastructural characteristics of hyperplastic and neoplastic epithelial cells from aspiration biopsies of the prostate] Topov Ia, et al. **Khirurgiia (Sofiia)** 1984;37(5):385–90 (Eng. Abstr.) **(Bul)**

[Effects of pinealectomy on the ventral prostatic lobe and the seminal vesicles/coagulating glands of albino rats (I)] Mompó Sanchis JA, et al. **Arch Esp Urol** 1985 Mar–Apr; 38(2):99–110 (Eng. Abstr.) **(Spa)**

PROSTATECTOMY

Influence of neural pathways on the pyrexial response to surgical trauma. Kirkeby OJ, et al. **Acta Chir Scand** 1985; 151(1):7–9

Bleeding during transurethral prostatectomy. Is preoperative blood request necessary? Gatenbeck L, et al. **Acta Chir Scand [Suppl]** 1984;520:97–100

Ceftriaxone in the prevention of postoperative infection in patients undergoing transurethral resection of the prostate. Finkelstein LH, et al. **Am J Surg** 1984 Oct 19;148(4A):19–21

Overhydration during transurethral resection of the prostate using glycine as an irrigating solution. Thomas D, et al. **Anaesth Intensive Care** 1984 Nov;12(4):366–9

Prophylactic mezlocillin for transurethral prostatectomy. Allan WR, et al. **Br J Urol** 1985 Feb;57(1):46–9

The role of internal urethrotomy in the prevention of urethral stricture following transurethral resection of prostate. Bailey MJ, et al. **Br J Urol** 1985 Feb;57(1):81

Transurethral resection of the prostate and bladder neck incision: a review of 700 cases. Edwards LE, et al.

Br J Urol 1985 Apr;57(2):168–71

Incidental carcinoma of the prostate: treatment selection by second–look TURP. Ford TF, et al. **Br J Urol** 1984 Dec; 56(6):682–6

Routine cross–matching is not necessary for a transurethral resection of the prostate. Fraser I, et al. **Br J Urol** 1984 Apr;56(2):198–201

Blood loss measurement during transurethral resection of the prostate gland. Freedman M, et al. **Br J Urol** 1985 Jun; 57(3):311–6

Long–term follow–up after transurethral prostatic resection with or without a short peri–operative antibiotic course. Grabe M, et al. **Br J Urol** 1985 Aug;57(4):444–9

Hyponatraemia following transurethral resection of the prostate. Rhymer JC, et al. **Br J Urol** 1985 Aug;57(4):450–2

Endoscopic injection of the vasoconstrictor ornithine–8–vasopressin in transurethral resection. Smart RF. **Br J Urol** 1984 Apr;56(2):191–7

Radical prostatectomy in the management of localised carcinoma of the prostate. Smith JM, et al. **Br J Urol** 1984 Dec;56(6):690–3

Hemodynamic instability associated with balloon catheter traction after transurethral surgery. Ignatoff JM, et al. **Heart Lung** 1985 Jul;14(4):357–8

The evaluation of transcervical prostatectomy. Saha SK. **Int Urol Nephrol** 1985;17(1):61–9

Is it necessary to crossmatch blood routinely for patients undergoing transurethral resection of the prostate? Grainger R, et al. **Ir Med J** 1985 Feb;78(2):57–8

Short–term prophylaxis with cefotaxime in prostatic surgery. Botto H, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:231–5

A randomized trial of 48 hours of prophylactic cefotaxime versus single dose in transurethral prostatic surgery. Hargreave TB, et al. **J Antimicrob Chemother** 1984 Sep; 14 Suppl B:263–9

Infrabladder 'cup defect' following prostatectomy: recognition on bone scintigram. Slavin JD Jr, et al. **J Nucl Med** 1985 Feb;26(2):149–50

Preoperative lymph node evaluation in prostatic cancer patients who are surgical candidates: the role of lymphangiography and computerized tomography scanning with directed fine needle aspiration. Flanigan RC, et al. **J Urol** 1985 Jul;134(1):84–7

Radical prostatectomy with adjuvant radioactive gold for prostatic cancer: a preliminary report. Rosenberg SJ, et al. **J Urol** 1985 Feb;133(2):225–7

Hypo–osmolar intravascular volume overload during anaesthesia for transurethral prostatectomy. A report of 2 cases. Butt AD, et al. **S Afr Med J** 1985 Jun 29; 67(26):1059–61

Species distribution and antibiotic sensitivity of bacteria isolated pre– and postoperatively from patients undergoing transurethral prostatic resection. Grabe M, et al. **Scand J Urol Nephrol** 1984;18(3):187–92

A short antibiotic course given in conjunction with and after catheter removal consecutive to transurethral prostatic resection. Grabe M, et al. **Scand J Urol Nephrol** 1984; 18(3):193–9

Transurethral resection in prostatic cancer. Barlas G. **Turk J Pediatr** 1984;26(1–4):109–17

1767 transurethral resections. Türkyilmaz RK. **Turk J Pediatr** 1984;26(1–4):103–8

Effect of emepronium bromide (Cetiprin) on symptoms and urinary bladder function after transurethral resection of the prostate. A double–blind randomized trial. Bonnesen T, et al. **Urol Int** 1984;39(5):318–20

Prophylactic cefuroxime in transurethral resection. Ferrie BG, et al. **Urol Res** 1984;12(6):279–81

Prophylactic antibiotics in transurethral prostatectomy. Qvist N, et al. **Urol Res** 1984;12(6):275–7

Identification of ureteral orifices during suprapubic prostatectomy. Fischman JL, et al. **Urology** 1985 Sep; 26(3):299

Comparison of epsilon aminocaproic acid and normal saline for postoperative bladder irrigation following transurethral resection of prostate. Flanigan RC, et al. **Urology** 1985 Sep; 26(3):227–8

Prophylactic trimethoprim for prostatectomy. Haverkorn MJ. **Urology** 1984 Oct;24(4):414–8

New method of drainage in retropubic prostatectomy. Kleinman SZ. **Urology** 1985 Jun;25(6):649

Acid phosphatase levels of irrigant solution during transurethral prostatectomy. O'Donnell PD, et al. **Urology** 1985 Jan;25(1):35–6

Bilateral pelvic lymphadenectomy and radical retropubic prostatectomy for Stage C adenocarcinoma of prostate. Zincke H, et al. **Urology** 1984 Dec;24(6):532–9

[Emergency adenomectomy in acute urine retention] Ashkov S, et al. **Khirurgiia (Sofiia)** 1984;37(6):504–9 (Eng. Abstr.) **(Bul)**

[Hyperglycinemia during transurethral resection of the prostate with glycine as the irrigating fluid] Mølgaard J, et al. **Ugeskr Laeger** 1984 Jul 9;146(28):2084–6 (Eng. Abstr.) **(Dan)**

[Preventive antibiotic therapy in transurethral resection of the prostate] Qvist N, et al. **Ugeskr Laeger** 1985 Feb 4; 147(6):513–4 (Eng. Abstr.) **(Dan)**

[Changes in temperature during transurethral resection of the prostate under peridural anesthesia] Kancir CB, et al. **Ann Fr Anesth Reanim** 1985;4(4):355–9 (Eng. Abstr.) **(Fre)**

[Urinary incontinence following prostatectomy. Results of cervico–urethral plasty using Tanagho's tubular vesical flap] Boccon–Gibod L, et al. **Ann Urol (Paris)** 1985; 19(3):211–2 (Eng. Abstr.) **(Fre)**

[Simplified technic of antereflux implantation of the ureters in total cystoprostatectomy with immediate replacement of the bladder by an ileal graft] Caissel J, et al. **Ann Urol (Paris)** 1984 Apr;18(2):137–8 (Eng. Abstr.) **(Fre)**

[A difficult spinal anesthesia] Bertrand JC, et al. **Cah Anesthesiol** 1984 Sep;32(5):409–11 **(Fre)**

[Spinal anesthesia and morphine analgesia in prostatic surgery] Mora C, et al. **Cah Anesthesiol** 1985 Jan–Feb; 33(1):25–7 (Eng. Abstr.) **(Fre)**

[Acute renal insufficiency following endourethral surgery with glycine irrigation] Arvieux C, et al. **J Urol (Paris)** 1984;90(2):107–10 (Eng. Abstr.) **(Fre)**

[Early changes in the dog prostate after castration. An ultrastructural study] Sinowatz F. **Acta Anat (Basel)** 1984; 120(3):103–7 (Eng. Abstr.) **(Ger)**

[Complications of radical prostatectomy] Frohmüller H, et al. **Urologe [A]** 1985 May;24(3):142–7 (Eng. Abstr.) **(Ger)**

[Complications in 266 total prostatectomies] Zoedler D, et al. **Urologe [A]** 1985 May;24(3):148–9 **(Ger)**

[Dysuria following transurethral electroresections of adenomas with concomitant prostatitis] Hak–Hagir A. **Urologe [Ausg A]** 1985 Mar;24(2):122–3 (Eng. Abstr.) **(Ger)**

[The role of computerized tomography in the diagnosis and treatment planning of prostatic cancer] Rotte KH, et al. **Z Urol Nephrol** 1984 Sep;77(9):513–20 (Eng. Abstr.) **(Ger)**

[Histomorphologic studies of prostate biopsies, prostatectomy preparations and lymph node metastases in prostatic cancer] Schubert J, et al. **Z Urol Nephrol** 1984 Sep; 77(9):521–8 (Eng. Abstr.) **(Ger)**

[Transurethral prostatic resection and cryotherapy] Rouvalis P, et al. **Minerva Urol Nefrol** 1984 Apr–Jun;36(2):93–6 (Eng. Abstr.) **(Ita)**

[Clinical evaluation of surgical treatment for benign prostatic hypertrophy] Nakajima H, et al. **Hinyokika Kiyo** 1985 Jan; 31(1):101–6 (Eng. Abstr.) **(Jpn)**

[Prophylactic cefmetazole in transurethral prostatectomy] Fujita K, et al. **Jpn J Antibiot** 1984 Sep;37(9):1697–700 (Eng. Abstr.) **(Jpn)**

[Hydrodynamic study on the lower urinary tract effect of prostatectomy in patients with benign prostatic hyperplasia, changes of pre– and postoperative bladder work load, bladder wall contraction velocity, bladder wall tension and urethral resistance] Tomoishi J, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jul;75(7):1134–40 (Eng. Abstr.) **(Jpn)**

[Combined peridural anesthesia in prostatic adenomectomy] Lenkovskiĭ FM, et al. **Urol Nefrol (Mosk)** 1984 Nov–Dec; (6):21–4 (Eng. Abstr.) **(Rus)**

[Hemostasis during surgery of an exceptionally large hypertrophic prostate] Franić K, et al. **Lijec Vjesn** 1984 Oct;106(10):422–4 (Eng. Abstr.) **(Scr)**

[Sexual activity in older prostatectomized men] Llopis Cartagena M, et al. **Arch Esp Urol** 1984 Sep–Oct; 37(5):443–5 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Bladder neck contracture following prostatectomy. Sikafi Z, et al. **Br J Urol** 1985 Jun;57(3):308–10

The meatal problem with TUR prostate: the value of post–operative self–dilatation. Walton JK, et al. **Br J Urol** 1984 Apr;56(2):202–7

Hyponatraemia during transurethral resection––its practical prevention. Watkins–Pitchford JM, et al. **Br J Urol** 1984 Dec;56(6):676–8

Bladder neck reconstruction using an anterior bladder flap in post–prostatectomy incontinence. Boccon–Gibod L, et al. **Eur Urol** 1985;11(3):150–1

Transient blindness following transurethral resection of the prostate in an achondroplastic dwarf. Kaiser R, et al. **J Urol** 1985 Apr;133(4):685–6

Re: Morbidity of radical perineal prostatectomy following transurethral resection of the prostate [letter] Paulson DF. **J Urol** 1985 Apr;133(4):691

Hyperammonemia after transurethral resection of the prostate: a report of 2 cases. Ryder KW, et al. **J Urol** 1984 Nov;132(5):995–7

Vasectomy to prevent acute epididymo–orchitis after prostatic adenomectomy: still a controversy. Richter S, et al. **Urol Int** 1984;39(5):283–5

Acute digitalis toxicity during TURP. Bready LL, et al. **Urology** 1985 Mar;25(3):316–7

Visual disturbances in TUR reaction. Gillett W, et al. **Urology** 1985 Jun;25(6):573–5

Spinal cord ischemia after ligation of both internal iliac arteries during radical cystoprostatectomy. Kaisary AV, et al. **Urology** 1985 Apr;25(4):395–7

[The transurethral resection syndrome treated with dopamine] Andersen BN, et al. **Ugeskr Laeger** 1984 Aug 13;146(33):2486–7 (Eng. Abstr.) **(Dan)**

[The value of internal urethrotomy in the prevention of stricture in transurethral resection of the prostate] Kristensen ES, et al. **Ugeskr Laeger** 1985 Apr 29; 147(18):1478–80 (Eng. Abstr.) **(Dan)**

[Transient reduction of vision in connection with transurethral resection of the prostate] Sonne N. **Ugeskr Laeger** 1985 Jan 14;147(3):177–8 (Eng. Abstr.) **(Dan)**

[Diagnostic and prognostic contribution of electromyography in postoperative incontinence in men] Dumas JP, et al. **Ann Urol (Paris)** 1984 May;18(3):212–6 (Eng. Abstr.) **(Fre)**

[Transurethral resection syndrome. Physiopathology, prevention and therapy. Personal records apropos of 5 cases] Ronzoni G, et al. **Minerva Urol Nefrol** 1984 Oct–Dec;36(4):315–9 (Eng. Abstr.) **(Ita)**

[Palin in the treatment of refractory urinary tract infections after suprapubic surgery of prostatic adenoma] Musierowicz A, et al. **Wiad Lek** 1984 Oct 15;37(20):1593–7 (Eng. Abstr.) **(Pol)**

[Fecal fistula as an early complication of transvesical prostatic adenomectomy] Symonowicz P, et al. **Wiad Lek** 1985 May 1;38(9):671–3 (Eng. Abstr.) **(Pol)**

[Micturition status after transvesical adenomectomy and ways of improving it] Savin VF, et al. **Urol Nefrol (Mosk)** 1985 Jan–Feb;(1):15–7 (Eng. Abstr.) **(Rus)**

[Urinary incontinence following prostate adenomectomy: perineal plication of the corpus spongiosum (Puigvert's operation)] Virseda JA, et al. **Actas Urol Esp** 1984 Nov–Dec;8(6):461–8 (Eng. Abstr.) **(Spa)**

[Post–adenectomy urinary incontinence] Zudaire Bergera JJ, et al. **Actas Urol Esp** 1985 May–Jun;9(3):255–8 (Eng. Abstr.) **(Spa)**

ECONOMICS

Economy in transurethral prostatectomy. Meyhoff HH, et al. **Scand J Urol Nephrol** 1985;19(1):17–20

HISTORY

Harry Harris and his contribution to suprapubic prostatectomy. Murphy LJ. **Aust NZ J Surg** 1984 Dec; 54(6):579–88

[Problems affecting the development of various technics for the curative treatment of adenoma of the prostate] Serrallach Julia F. **Actas Urol Esp** 1985;Spec No:45–6 **(Spa)**

INSTRUMENTATION

The new Baumrucker resectoscope. Baumrucker GO. **J Urol** 1985 Jun;133(6):997–8

Saha Bladder Neck Spreader. Saha SK. **Urology** 1985 Aug; 26(2):180

Controlled continuous flow (CCF) resectoscope. Report of 200 cases. Widran J. **Urology** 1985 Mar;25(3):242–7

[Transurethral punch resection of the prostate (cold punch). Results and complications] Frohmüller H, et al. **Urologe [A]** 1985 Jul;24(4):184–8 (Eng. Abstr.) **(Ger)**

METHODS

Transurethral resection of large obstructing prostates above the weight of 40 grams. Tan EC, et al. **Ann Acad Med Singapore** 1984 Oct;13(4):668–71

Radical prostatectomy and cystoprostatectomy with preservation of potency. Results using a new nerve–sparing technique. Walsh PC, et al. **Br J Urol** 1984 Dec;56(6):694–7

Improved continuous flow transurethral prostatectomy. Bretan PN Jr, et al. **J Urol** 1985 Jul;134(1):77–80

Incidental carcinoma of the prostate: significance of staging transurethral resection. Carroll PR, et al. **J Urol** 1985 May; 133(5):811–4

Radical transpubic prostatectomy. Kursh ED, et al. **J Urol** 1984 Dec;132(6):1131–3

Blood transfusion and anesthetic practices in radical retropubic prostatectomy. Peters CA, et al. **J Urol** 1985 Jul;134(1):81–3

Clinical evaluation of transurethral versus transvesical prostatectomy. A randomized study. Meyhoff HH, et al. **Scand J Urol Nephrol** 1984;18(3):201–9

Nerve–sparing radical retropubic prostatectomy. Catalona WJ. **Urol Clin North Am** 1985 Feb;12(1):187–99

Sexual life following 'minimal' and 'total' transurethral prostatic resection. Møller–Nielsen C, et al. **Urol Int** 1985; 40(1):3–4

Radical prostatectomy for stage A2 and B prostatic carcinoma. Operative experience. Fowler JE Jr. **Urology** 1985 Jul;26(1):1–3

Transurethral resection of prostate with intravenous sedation. Lichtwardt JR, et al. **Urology** 1985 Aug;26(2):112–3

Preservation of periprostatic autonomic nerves during total perineal prostatectomy by intrafascial dissection. Weiss JP, et al. **Urology** 1985 Aug;26(2):160–3

[Endourethral resection of prostatic adenoma] Dubernard JM, et al. **J Urol (Paris)** 1983;89(10):736–56 **(Fre)**

[Right to left (or left to right) cystoprostatectomy] Rampal M, et al. **J Urol (Paris)** 1984;90(7):487–9 (Eng. Abstr.) **(Fre)**

[Transurethral resection of prostatic adenoma. Complications and results] Rivain T, et al. **Presse Med** 1985 Jun 22; 14(25):1375–7 (Eng. Abstr.) **(Fre)**

[Partial pelvic ischemia as an aid in radical prostatovesiculectomy] Ausfeld R, et al. **Helv Chir Acta** 1984 Oct;51(3–4):447–8 (Eng. Abstr.) **(Ger)**

[Radical prostatovesiculectomy in the treatment of prostate cancer. Indications, operative technic and personal results] Hoffmann L, et al. **Zentralbl Chir** 1984;109(23):1482–91

(Eng. Abstr.) (Ger)

[Transurethral prostatic adenomectomy] Cortellini P, et al. **Acta Biomed Ateneo Parmense** 1985;56(2):105–16 (Eng. Abstr.) (Ita)

[Considerations on prostatectomy using the Delinotte method] Guzzetti A. **Chir Ital** 1983 Feb;35(1):107–11 (Eng. Abstr.) (Ita)

[Cryoprostatectomy of prostatic tumors] Hikichi Y. **Gan No Rinsho** 1985 May;31(6 Suppl):721–8 (Eng. Abstr.) (Jpn)

[A retrospective evaluation of suprapubic prostatectomy] Noguchi K, et al. **Hinyokika Kiyo** 1984 Sep;30(9):1185–8 (Eng. Abstr.) (Jpn)

[Surgical method of retropubic prostatectomy] Sato T, et al. **Hinyokika Kiyo** 1984 Jun;30(6):745–9 (Eng. Abstr.) (Jpn)

[Results of the surgical treatment of prostatic adenoma at the Urological Clinic, Medical Academy, in Lodź 1973–1983] Jeromin L, et al. **Pol Tyg Lek** 1984 Jul 9; 39(28):943–6 (Eng. Abstr.) (Pol)

[Controlled local hypothermia in transvesical adenomectomy of the prostate gland] Efendiev NL, et al. **Urol Nefrol (Mosk)** 1984 Sep–Oct;(5):44–7 (Eng. Abstr.) (Rus)

[Analysis of the surgical treatment of patients with prostatic adenoma] Shapoval VI. **Urol Nefrol (Mosk)** 1985 May–Jun; (3):25–9 (Eng. Abstr.) (Rus)

NURSING

Benign prostatic hyperplasia. Knowing pathophysiology aids assessment. Lawler PE. **AORN J** 1984 Nov;40(5):745–50

PSYCHOLOGY

Amelioration of phantom-organ pain with hypnosis and behavior modification: brief case report. Baker SR. **Psychol Rep** 1984 Dec;55(3):847–50

REHABILITATION

Sexual rehabilitation of urologic cancer patients [letter] Gilbert I. **CA** 1984 Nov–Dec;34(6):354–5

PROSTATIC DISEASES

COMPLICATIONS

Prostatic abscess with adult respiratory distress syndrome. Arvold DS. **Minn Med** 1985 Apr;68(4):259–61

[Pelvic hematomas of prostatic origin] Bar-Moshé O, et al. **Ann Urol (Paris)** 1985;19(4):256–8 (Eng. Abstr.) (Fre)

DIAGNOSIS

Use of transrectal ultrasonography of the prostate gland and seminal vesicles in andrology--3 years experience. Weidner W. **Acta Eur Fertil** 1985 Mar–Apr;16(2):117–23

Prostatic ultrasonography: a useful technique? Kadow C, et al. **Br J Urol** 1985 Aug;57(4):440–3

Two cases of malakoplakia of the prostate. Klaaborg KE, et al. **Eur Urol** 1985;11(2):137–8

Comparative study of clinical findings, needle biopsy with Menghini's needle and prostatography for prostatic pathology. Gattani SP, et al. **J Indian Med Assoc** 1984 Dec; 82(12):437–41

Transrectal prostatic ultrasonography: comparison of linear array and radial scanners. Rifkin MD. **J Ultrasound Med** 1985 Jan;4(1):1–5

Benign prostatic hyperplasia. Cygan R, et al. **West J Med** 1984 Oct;141(4):528–30

[Transrectal ultrasonic diagnosis of prostatic diseases] Kumanov Kh, et al. **Khirurgiia (Sofiia)** 1984;37(5):380–4 (Eng. Abstr.) (Bul)

[Ultrasonic high frequency probes in urology] Devonec M, et al. **J Urol (Paris)** 1985;91(2):85–93 (Eng. Abstr.) (Fre)

[Endocavitary echography in urology. Instrumentation (Bruel and Kjaer) and diagnostic contributions] Réquin JL. **J Urol (Paris)** 1985;91(2):77–80 (Fre)

[Echographic imaging of the prostate] Fornage B. **Presse Med** 1985 Jun 15;14(24):1331–4 (Eng. Abstr.) (Fre)

[Quantitative analysis of the ultrasonogram of the prostate] Kimura A. **Nippon Hinyokika Gakkai Zasshi** 1984 Jul; 75(7):1148–53 (Eng. Abstr.) (Jpn)

[Ultrasonic evaluation of prostatic and bladder diseases] Watanabe H, et al. **Rinsho Hoshasen** 1984 Oct;29(11 Suppl):1283–8 (Jpn)

[Possibilities of endocavitary echography in the exploration of the prostate and seminal vesicles] Boronat F, et al. **Actas Urol Esp** 1984 Jul–Aug;8(4):301–8 (Eng. Abstr.) (Spa)

[Transrectal echography of the bladder: technic and indications] Espuela Orgaz R, et al. **Arch Esp Urol** 1985 Mar–Apr;38(2):111–5 (Eng. Abstr.) (Spa)

DRUG THERAPY

Serum concentrations and penetration into prostate of mecillinam and ampicillin. Jeppesen N, et al. **Curr Med Res Opin** 1984;9(3):213–8

[Clinical evaluation of cefmenoxime in urinary tract and prostatic infections] Guibert J, et al. **Pathol Biol (Paris)** 1985 May;33(5):330–4 (Eng. Abstr.) (Fre)

ETIOLOGY

The development of benign prostatic hyperplasia among volunteers in the Normative Aging Study. Glynn RJ, et al. **Am J Epidemiol** 1985 Jan;121(1):78–90

Actinomycosis of the prostate. de Souza E, et al. **J Urol** 1985 Feb;133(2):290–1

METABOLISM

[Prostatic cytoplasmic androgen receptor in prostatic disease. I. Serum androgen levels, cytoplasmic androgen levels and cytoplasmic R1881 receptor in prostatic disease] Kitano T. **Nippon Hinyokika Gakkai Zasshi** 1984 Jul;75(7):1084–97 (Eng. Abstr.) (Jpn)

PATHOLOGY

Prostatic granulomas [letter] **Am J Surg Pathol** 1984 Oct; 8(10):797–9

[Tentative classification of the ultrasound symptomatology of the prostate by an anatomo-ultrasonic comparison of 34 cases] Peneau M, et al. **Ann Urol (Paris)** 1985;19(1):19–25 (Eng. Abstr.) (Fre)

[Prostatic vasculitis, an unusual beginning for panarteritis nodosa] Genescá J, et al. **Med Clin (Barc)** 1984 Oct 27; 83(13):545–6 (Eng. Abstr.) (Spa)

PHYSIOPATHOLOGY

Fertility potential in the human semen in dysfunction of the accessory genital glands. Mantouvalos H, et al. **Asia Oceania J Obstet Gynaecol** 1984 Dec;10(4):507–11

Significance of symptoms and urodynamics in outflow tract obstruction. Chisholm GD. **Turk J Pediatr** 1984; 26(1–4):81–7

PREVENTION & CONTROL

A mobile mass screening unit for prostatic disease. Watanabe H, et al. **Prostate** 1984;5(5):559–65

RADIOGRAPHY

Computed tomography of prostatic abscess. Dennis MA, et al. **J Comput Assist Tomogr** 1985 Jan–Feb;9(1):201–2

Prostatic abscess evaluated by serial computed tomography. Washecka R, et al. **Urol Radiol** 1985;7(1):54–6

SURGERY

Prostatic and membranous urethrorectal fistulas: a new technique of surgical closure. Zimmern PE, et al. **J Urol** 1985 Aug;134(2):355–7

Surgical correction of rectoprostatic fistula. Bauer HW, et al. **Urology** 1984 Nov;24(5):452–5

Rupture of prostatic urethral valves via vesicostomy. Marshall S. **Urology** 1985 Jan;25(1):76

[Effect of flash chemoprophylaxis by cefotaxime on the appearance of postoperative bacterial superinfections in surgery of the prostate] Joly-Guillou ML, et al. **Pathol Biol (Paris)** 1985 May;33(5):325–9 (Eng. Abstr.) (Fre)

[Can the glycine bladder lavage solution used in urologic surgery be toxic? Apropos of a case of acute renal insufficiency] Arvieux C, et al. **Therapie** 1984 Sep–Oct; 39(5):579–81 (Fre)

[Transient low frequency hearing loss following spinal anesthesia] Panning B, et al. **Anaesthesist** 1984 Dec; 33(12):593–5 (Eng. Abstr.) (Ger)

[Preparation of the physician and the patient for transurethral operations] Astaf'ev VV. **Urol Nefrol (Mosk)** 1985 May–Jun;(3):30–3 (Eng. Abstr.) (Rus)

[Function of the kidneys and urinary tract after surgical treatment of sclerosis of the prostate gland] Karpenko VS, et al. **Urol Nefrol (Mosk)** 1984 Nov–Dec;(6):29–34 (Eng. Abstr.) (Rus)

VETERINARY

What is your diagnosis? Hypertrophy of the prostate and calcified prostatic cyst. Porter RS, et al. **J Am Vet Med Assoc** 1984 Oct 1;185(7):807–8

[Diagnosis of prostatic diseases in the dog using ultrasonics] Fritsch R, et al. **Tierarztl Prax** 1985;Suppl 1:123–31 (Eng. Abstr.) (Ger)

[Ultrasonic diagnosis of prostatic abscess in the dog] Schmidt S, et al. **Tierarztl Prax** 1985;13(1):65–70 (Eng. Abstr.) (Ger)

PROSTATIC HYPERTROPHY

[The sexual life of patients with adenoma and carcinoma of the prostate] Malatinský E, et al. **Bratisl Lek Listy** 1984 Nov;82(5):1380–4 (Eng. Abstr.) (Slo)

BLOOD

The prolactin-secreting system in relation to aging. Mongioi A, et al. **J Endocrinol Invest** 1985;8 Suppl 2:33–9

[Pituitary hormones in prostatic adenoma] Gerasimova TsI, et al. **Sov Med** 1985;(2):80–3 (Rus)

COMPLICATIONS

Vesicoureteral reflux in patients with obstructive prostatic disease. Amar AD, et al. **J Urol** 1985 Feb;133(2):194–7

Renal extravasation of urine due to bladder outflow obstruction. Buckley N, et al. **J Urol** 1984 Dec; 132(6):1161–2

Comparison of the incidence of bladder hyperreflexia in patients with benign prostatic hypertrophy and age-matched female controls. Jones KW, et al. **J Urol** 1985 Mar;133(3):425–6

Evoked response studies in detrusor hyperreflexia due to infravesical obstruction in neurological patients. Kimche D, et al. **J Urol** 1985 Apr;133(4):641–3

Alpha-adrenergic blockade in the diagnosis of detrusor instability secondary to infravesical obstruction. Reuther K, et al. **Urol Int** 1984;39(5):312–3

Ischemic heart disease in patients with large gland prostatic hypertrophy. Bruno AN, et al. **Urology** 1985 Mar; 25(3):239–41

[Emergency adenomectomy in acute urine retention] Ashkov S, et al. **Khirurgiia (Sofiia)** 1984;37(6):504–9 (Eng. Abstr.) (Bul)

[Controlled study of the effects of Pygeum africanum extract on the functional symptoms of prostatic adenoma] Dufour B, et al. **Ann Urol (Paris)** 1984 May;18(3):193–5 (Eng. Abstr.) (Fre)

[Prostatic hypertrophy and inguinal hernia. Simultaneous surgical intervention] Picciocchi A, et al. **Minerva Urol Nefrol** 1984 Jan–Mar;36(1):35–8 (Eng. Abstr.) (Ita)

DIAGNOSIS

Nuclear magnetic resonance (NMR) imaging of the prostate. Steyn JH, et al. **Br J Urol** 1984 Dec;56(6):679–81

Recent prostatic ultrasonography by intra-corporal scan. Harada K. **J Belge Radiol** 1984;67(6):385–91

Benign prostatic hyperplasia. Evaluation, management, and operative indications. Kendall AR, et al. **Postgrad Med** 1985 Apr;77(5):166–9, 172–3, 175 passim

Benign prostatic hyperplasia: tissue characterization using suprapubic ultrasound. Abu-Yousef MM. **Radiology** 1985 Jul;156(1):169–73

Magnetic resonance imaging of the prostate. Poon PY, et al. **Radiology** 1985 Jan;154(1):143–9

Comparative evaluation of intravenous urogram and ultrasound in prostatism. Lilienfeld RM, et al. **Urology** 1985 Sep;26(3):310–2

[A simple preoperative ultrasonic method of estimating the size of the prostate] Olsen PR, et al. **Ugeskr Laeger** 1984 Dec 10;146(50):3899–901 (Eng. Abstr.) (Dan)

[Development of benign prostatic hypertrophy estimated from ultrasonic measurements in patients with long-term follow up] Ohnishi K, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jul;75(7):1141–7 (Eng. Abstr.) (Jpn)

DRUG THERAPY

A double-blind trial of an extract of the plant Serenoa repens in benign prostatic hyperplasia. Champault G, et al. **Br J Clin Pharmacol** 1984 Sep;18(3):461–2

Androgen receptor content of nafoxidine treated experimentally induced canine prostatic hyperplasia. Trachtenberg J. **Clin Invest Med** 1985;8(1):29–34

Alpha-blockers in the treatment of benign prostatic hypertrophy: physiological basis and review of the problem. Bouffioux CR, et al. **Eur Urol** 1984;10(5):306–10 (18 ref.)

Tamoxifen decreases progesterone and nuclear androgen receptors in the human prostate. Albert JD, et al. **J Steroid Biochem** 1984 Dec;21(6):659–62

Candicidin in treatment of benign prostatic hypertrophy. Madsen PO, et al. **J Urol** 1984 Dec;132(6):1235–8

Phenoxybenzamine in prostatic obstruction. Griffiths DJ, et al. **Urol Int** 1984;39(4):241–2

[Medical treatment of prostatic adenoma. Controlled trial: PA 109 vs placebo in 110 patients] Champault G, et al. **Ann Urol (Paris)** 1984 Dec;18(6):407–10 (Eng. Abstr.) (Fre)

[Results of a double-blind study on the effectiveness of ERU (extractum radicis Urticae) capsules in conservative treatment of benign prostatic hyperplasia] Vontobel HP, et al. **Urologe [Ausg A]** 1985 Jan;24(1):49–51 (Eng. Abstr.) (Ger)

[Endocrinologic aspects of benign prostatic hyperplasia (prostatic adenoma). (Can hormone therapy of the disease be justified in 1984?)] Holló I, et al. **Orv Hetil** 1984 Oct 28;125(44):2675–8 (Eng. Abstr.) (Hun)

[Clinical evaluation of cernilton in the treatment of the benign prostatic hypertrophy] Horii A, et al. **Hinyokika Kiyo** 1985 Apr;31(4):739–46 (Eng. Abstr.) (Jpn)

[Therapeutic effect of Robaveron tablet (KN-7) on urinary disturbance by benign prostatic hypertrophy] Sonoda T, et al. **Hinyokika Kiyo** 1985 Mar;31(3):553–62 (Eng. Abstr.) (Jpn)

[Clinical evaluation of Cernilton on benign prostatic hyperplasia] Ueda K, et al. **Hinyokika Kiyo** 1985 Jan; 31(1):187–91 (Eng. Abstr.) (Jpn)

[Conservative treatment of benign prostatic hypertrophy--clinical effects of increased administration of Hachimijiogan and the relation between these effects and the 'Sho' of Chinese medicine] Yachiku S, et al. **Hinyokika Kiyo** 1985 Mar;31(3):545–51 (Eng. Abstr.) (Jpn)

[Clinical experience with oxendolone for treatment of benign prostatic hyperplasia. Clinical efficacy and effects on serum lipid and lipoprotein fraction levels] Yasukawa A, et al. **Hinyokika Kiyo** 1984 Apr;30(4):537–43 (Eng. Abstr.) **(Jpn)**

[Treatment of benign prostatic hypertrophy with gestonorone caproate] Baranowska B, et al. **Pol Tyg Lek** 1984 Jul 16–23; 39(29–30):999–1003 **(Pol)**

ENZYMOLOGY

Serum level of prostatic acid phosphatase after diagnostic rectal examination. Comparison between spectrophotometric and a radioimmunological assay. Grenabo L, et al. **Br J Urol** 1984 Apr;56(2):213–6

Chromatin-associated protein kinases in human normal and benign hyperplastic prostate. Rayan A, et al. **Cancer Res** 1985 May;45(5):2277–82

Immunocytochemical demonstration of prostatic acid phosphatase: different secretion kinetics between normal, hyperplastic and neoplastic prostates. Mori K, et al. **J Urol** 1985 May;133(5):877–83

A histochemical comparison of acid phosphatase activity in human BPH and rat ventral prostate. Buchanan LJ, et al. **Prostate** 1984;5(5):537–44

Inhibition of androgen metabolism in stroma and epithelium of the human benign prostatic hyperplasia by progesterone, estrone, and estradiol. Krieg M, et al. **Prostate** 1985; 6(3):233–40

Elevation of serum prostatic acid phosphatase levels after prostatic massage. Wadström J, et al. **Urology** 1984 Dec; 24(6):550–1

[Histochemical characterization of different tissue enzymes in prostate adenomas and carcinomas] Hajek J, et al. **Acta Urol Belg** 1985;53(1):96–100 (Eng. Abstr.) **(Fre)**

ETIOLOGY

Tissue interactions and prostatic growth: a new mouse model for prostatic hyperplasia. Chung LW, et al. **Ann NY Acad Sci** 1984;438:394–404

Tissue interactions and prostatic growth: II. Morphological and biochemical characterization of adult mouse prostatic hyperplasia induced by fetal urogenital sinus implants. Miller GJ, et al. **Prostate** 1985;6(3):241–53

HISTORY

[Problems affecting the development of various technics for the curative treatment of adenoma of the prostate] Serrallach Julia F. **Actas Urol Esp** 1985;Spec No:45–6 **(Spa)**

IMMUNOLOGY

Delayed-type hypersensitivity in patients with nodular hyperplasia and carcinoma of the prostate. Leńko J, et al. **Acta Med Pol** 1983;24(1–4):93–101

The natural-killer-cell-associated HNK-1 (Leu-7) antibody reacts with hypertrophic and malignant prostatic epithelium. Rusthoven JJ, et al. **Cancer** 1985 Jul 15; 56(2):289–93

Immunohistochemical localization of T antigen-like substance in benign hyperplasia and adenocarcinoma of the prostate. Ghazizadeh M, et al. **J Urol** 1984 Dec; 132(6):1127–30

[Tumor associated markers as organ-specific antigens of the human seminal plasma. II. Immunohistological studies] Dienst C, et al. **Z Hautkr** 1985 Jan;60(1–2):157–64 (Eng. Abstr.) **(Ger)**

[Clinico-immunological study of prostatic adenoma patients] Bkhatta AD, et al. **Urol Nefrol (Mosk)** 1985 Mar–Apr; (2):24–6 (Eng. Abstr.) **(Rus)**

METABOLISM

A comparison of retinol binding in human hyperplastic and malignant prostate. Boyd D, et al. **Br J Cancer** 1985 Jun; 51(6):903–5

Systematic characterization of human prostatic fluid proteins with two-dimensional electrophoresis. Tsai YC, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2026–30

Binding of mibolerone to androgen receptor of benign hypertrophic human prostate. Comparison with R1881. Akimoto S, et al. **Endocrinol Jpn** 1985 Feb;32(1):141–52

Studies on the role of the sex-hormone-binding globulin (SHBG) in prostatic gland hypertrophy in men. II. In vitro research. Pachman A. **Int Urol Nephrol** 1984;16(3):211–7

Decreased urinary 5 alpha-androstane-3 alpha,17 beta-diol glucuronide excretion in patients with benign prostatic hyperplasia. Wright F, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):294–8

Nuclear retinoic acid binding protein in human prostate adenomas. Boyd D, et al. **J Endocrinol** 1985 May; 105(2):157–62

Increased levels of nuclear androgen receptors in hyperplastic prostate of aging men. Grimaldo JI, et al. **J Steroid Biochem** 1984 Aug;21(2):147–50

A comparison of estrogen and androgen receptor levels in human prostatic tissue from patients with non-metastatic and metastatic carcinoma and benign prostatic hyperplasia. Kirdani RY, et al. **J Steroid Biochem** 1985 May; 22(5):569–75

Hydroxylation of [3H]5 alpha-androstane-3 beta,17 beta-diol by whole tissue, epithelial cells and fibroblasts from the same hyperplastic human prostate. Ofner P, et al. **J Steroid Biochem** 1985 Mar;22(3):391–7

Characterization of alpha1 adrenergic receptors in human benign prostatic hyperplasia. Lepor H, et al. **J Urol** 1984 Dec;132(6):1226–9

Evidence for the association between blood prolactin and androgen receptors in BPH. Odoma S, et al. **J Urol** 1985 Apr;133(4):717–20

Correlated biochemical and stereological studies on testosterone metabolism in the stromal and epithelial compartment of human benign prostatic hyperplasia. Schweikert HU, et al. **J Urol** 1985 Aug;134(2):403–7

Partial purification of a prostatic growth factor. Story MT, et al. **J Urol** 1984 Dec;132(6):1212–5

Mitogenic factors in prostatic tissue and expressed prostatic secretion. Tackett RE, et al. **J Urol** 1985 Jan;133(1):45–8

The ultrastructural localization of prostatic specific antigen and prostatic acid phosphatase in hyperplastic and neoplastic human prostates. Warhol MJ, et al. **J Urol** 1985 Sep;134(3):607–13

Qualitative analysis of Coomassie-blue-stained proteins from normal prostate, benign prostatic hypertrophy, or adenocarcinoma of the prostate, separated by two-dimensional protein electrophoresis. Anderson KM, et al. **Prostate** 1985;6(3):315–23

Zinc and cadmium concentrations in whole tissue and in separated epithelium and stroma from human benign prostatic hypertrophic glands. Lahtonen R. **Prostate** 1985; 6(2):177–83

Physicochemical characterization of the androgen receptor from hyperplastic human prostate. Murthy LR, et al. **Prostate** 1984;5(6):567–79

Sex steroid receptors in normal and hyperplastic human prostate. Robel P, et al. **Prostate** 1985;6(3):255–67

Characteristics of the inhibitory effect of chronic treatment with an LHRH agonist on testicular steroidogenesis in the dog. Tremblay Y, et al. **Prostate** 1984;5(6):631–8

Determination of the distribution of zinc and cadmium in cellular fractions of BPH, normal prostate and prostatic cancers of different histologies by atomic and laser absorption spectrometry in tissue slices. Feustel A, et al. **Urol Res** 1984;12(5):253–6

Lipids in human benign prostatic hypertrophy. van Sande M, et al. **Urol Res** 1985;13(2):73–6

[Is there a hormonal etiology in prostatic hypertrophy?] Robel P. **Ann Urol (Paris)** 1985;19(3):151–2 **(Fre)**

[Prostatic tissue levels of josamycin] Fagioli A, et al. **G Ital Chemioter** 1982;29 Suppl 1:85–7 (Eng. Abstr.) **(Ita)**

[Quantitation of alpha-1 and beta adrenergic receptor densities in the human normal and hypertrophied prostate] Yokoyama E, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Mar;76(3):325–37 (Eng. Abstr.) **(Jpn)**

[Study of zinc using X-ray scattering and transmission electron microscopy in human prostatic and neoplastic cells] Muñoz C, et al. **Actas Urol Esp** 1985 Mar–Apr; 9(2):185–90 (Eng. Abstr.) **(Spa)**

PATHOLOGY

The origin of benign prostatic hyperplasia. Hiraoka Y, et al. **Nippon Ika Daigaku Zasshi** 1985 Feb;52(1):99–101

Do's and don'ts in stereological pathology or possibilities of stereological-biochemical correlation in uropathology. Rohr HP, et al. **Pathol Res Pract** 1984 Nov;179(2):200–3

Nuclear androgen receptor content in biopsy specimens from histologically normal, hyperplastic, and cancerous human prostatic tissue. van Aubel OG, et al. **Prostate** 1985; 6(2):185–94

[Ultrastructural characteristics of hyperplastic and neoplastic epithelial cells from aspiration biopsies of the prostate] Topov Ia, et al. **Khirurgiia (Sofiia)** 1984;37(5):385–90 (Eng. Abstr.) **(Bul)**

[Contribution of suprapubic ultrasound in prostatic hypertrophy] Utzmann O, et al. **Ann Urol (Paris)** 1985; 19(1):28–36 (Eng. Abstr.) **(Fre)**

[Prostate diagnosis--is cytology enough?] Knönagel H, et al. **Helv Chir Acta** 1984 Oct;51(3–4):433–5 (Eng. Abstr.) **(Ger)**

[Correlation between dysplastic lesions and latent cancers of the prostate. An analysis of 100 autopsies] Schütze U. **Z Urol Nephrol** 1984 Sep;77(9):529–35 (Eng. Abstr.) **(Ger)**

[Hemorrhage requiring transfusion from the rectal venous plexus following transrectal punch biopsy of the prostate] Sopart HJ. **Z Urol Nephrol** 1985 Mar;78(3):157–8 (Eng. Abstr.) **(Ger)**

[Nodular hyperplasia of the prostate with focal changes of the phyllode type] Samsonov VA. **Arkh Patol** 1984; 46(12):66–9 (Eng. Abstr.) **(Rus)**

[Estimation of the size of the prostate by transabdominal ultrasonography] Arap S, et al. **Arch Esp Urol** 1984 Dec; 37 Suppl 1:609–12 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Benign prostatic hyperplasia. Knowing pathophysiology aids assessment. Lawler PE. **AORN J** 1984 Nov;40(5):745–50

The significance of uninhibited detrusor contractions in prostatism. Dørflinger T, et al. **J Urol** 1985 May; 133(5):819–21

The effects of a new serotonin receptor antagonist (ketanserin) on lower urinary tract function in patients with prostatism. Hørby-Petersen J, et al. **J Urol** 1985 Jun; 133(6):1094–8

The effect of prolactin on human BPH epithelial cell proliferation. Syms AJ, et al. **Prostate** 1985;6(2):145–53

Spontaneous uroflowmetry in prostatism. Jensen KM, et al. **Urology** 1984 Oct;24(4):403–9

[Transrectal ultrasonotomography and urethral pressure profile in benign prostatic hypertrophy] Kojima M, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Sep;75(9):1406–14 (Eng. Abstr.) **(Jpn)**

[Hydrodynamic study on the lower urinary tract effect of prostatectomy in patients with benign prostatic hyperplasia, changes of pre- and postoperative bladder work load, bladder wall contraction velocity, bladder wall tension and urethral resistance] Tomoishi J, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jul;75(7):1134–40 (Eng. Abstr.) **(Jpn)**

[Dynamics of the indices of variation pulsimetry in prostatic adenoma patients] Guseĭnov KhS. **Urol Nefrol (Mosk)** 1985 Mar–Apr;(2):26–8 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

[Is urography necessary in the preoperative exploration of prostatic adenoma? (letter)] Fourcade RO, et al. **Presse Med** 1985 May 11;14(19):1096–7 **(Fre)**

[Transrectal contrast prostatography in the differential diagnosis of prostatic adenoma and prostatic cancer] Bullov VM, et al. **Vestn Rentgenol Radiol** 1985 May–Jun;(3):66–70 (Eng. Abstr.) **(Rus)**

RADIOTHERAPY

Localized deep microwave hyperthermia in the treatment of poor operative risk patients with benign prostatic hyperplasia. Yerushalmi A, et al. **J Urol** 1985 May; 133(5):873–6

SURGERY

Transurethral resection of large obstructing prostates above the weight of 40 grams. Tan EC, et al. **Ann Acad Med Singapore** 1984 Oct;13(4):668–71

Transurethral resection of the prostate and bladder neck incision: a review of 700 cases. Edwards LE, et al. **Br J Urol** 1985 Apr;57(2):168–71

Variability of heparin levels and bleeding with low-dose heparin prophylaxis following transurethral resection of the prostate. Day TK. **J R Soc Med** 1985 Feb;78(2):109–11

'Cardiac' enzymes after transurethral resection of the prostate. Ström S. **Scand J Urol Nephrol** 1984;18(4):289–92

Transurethral resection for benign hyperplasia of the prostate: analysis of 1513 consecutive cases. Remzi D, et al. **Turk J Pediatr** 1984;26(1–4):95–102

Adenomectomy in a patient on regular dialysis treatment. Minar E, et al. **Urol Int** 1984;39(4):243–5

Sexual life following 'minimal' and 'total' transurethral prostatic resection. Møller-Nielsen C, et al. **Urol Int** 1985; 40(1):3–4

Dynamic approach to transurethral resection of large prostate adenoma. Claman M. **Urology** 1985 Jun;25(6):643–5

[Prostatic adenomectomy with initial vascular ligature. The A.C. Jain and W. Grégoir technic] Mukendi MP. **Acta Urol Belg** 1984;52(3):443–9 (Eng. Abstr.) **(Fre)**

[Endopelvic treatment of inguinal hernia during suprapubic prostatic adenomectomy] Viville C, et al. **Acta Urol Belg** 1984;52(4):583–7 (Eng. Abstr.) **(Fre)**

[Transurethral resection of the prostate. Our experience in a series of 244 cases. Mid-term results] Bringer JP, et al. **Ann Urol (Paris)** 1984 Feb;18(1):33–7 (Eng. Abstr.) **(Fre)**

[Spinal anesthesia and morphine analgesia in prostatic surgery] Mora C, et al. **Cah Anesthesiol** 1985 Jan–Feb; 33(1):25–7 (Eng. Abstr.) **(Fre)**

[Endourethral resection of prostatic adenoma] Dubernard JM, et al. **J Urol (Paris)** 1983;89(10):736–56 **(Fre)**

[Intravesical explosion during endoscopic resection. Apropos of a case] Viville C, et al. **J Urol (Paris)** 1984;90(5):361–3 (Eng. Abstr.) **(Fre)**

[Transurethral resection of prostatic adenoma. Complications and results] Rivain T, et al. **Presse Med** 1985 Jun 22; 14(25):1375–7 (Eng. Abstr.) **(Fre)**

[64 cases of suprapubic prostatic adenomectomy] Jemmali A, et al. **Tunis Med** 1983 Mar–Apr;61(2):129–30 **(Fre)**

[Transurethral punch resection of the prostate (cold punch). Results and complications] Frohmüller H, et al. **Urologe [A]** 1985 Jul;24(4):184–8 (Eng. Abstr.) **(Ger)**

[Dysuria following transurethral electroresections of adenomas with concomitant prostatitis] Hak-Hagir A. **Urologe [Ausg A]** 1985 Mar;24(2):122–3 (Eng. Abstr.) **(Ger)**

[Transurethral prostatic adenomectomy] Cortellini P, et al. **Acta Biomed Ateneo Parmense** 1985;56(2):105–16 (Eng. Abstr.) **(Ita)**

[Trans-urethral resection of prostatic adenoma. Apropos of 419 cases] Ronzoni G, et al. **Minerva Urol Nefrol** 1984 Oct–Dec;36(4):345–8 (Eng. Abstr.) **(Ita)**

[Transurethral prostatic resection and cryotherapy] Rouvalis P, et al. **Minerva Urol Nefrol** 1984 Apr–Jun;36(2):93–6 (Eng. Abstr.) **(Ita)**

[A case of giant prostatic hypertrophy] Kawamura S, et al. **Hinyokika Kiyo** 1984 Dec;30(12):1861–6 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of surgical treatment for benign prostatic hypertrophy] Nakajima H, et al. **Hinyokika Kiyo** 1985 Jan; 31(1):101–6 (Eng. Abstr.) **(Jpn)**

[A retrospective evaluation of suprapubic prostatectomy] Noguchi K, et al. **Hinyokika Kiyo** 1984 Sep;30(9):1185–8 (Eng. Abstr.) (Jpn)

[Surgical method of retropubic prostatectomy] Sato T, et al. **Hinyokika Kiyo** 1984 Jun;30(6):745–9 (Eng. Abstr.) (Jpn)

[Clinical studies on the surgical treatment of benign prostatic hypertrophy over the past 10 years] Kuroda S, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Apr;76(4):560–8 (Eng. Abstr.) (Jpn)

[Results of the surgical treatment of prostatic adenoma at the Urological Clinic, Medical Academy, in Lodź 1973–1983] Jeromin L, et al. **Pol Tyg Lek** 1984 Jul 9; 39(28):943–6 (Eng. Abstr.) (Pol)

[Controlled local hypothermia in transvesical adenomectomy of the prostate gland] Efendiev NL, et al. **Urol Nefrol (Mosk)** 1984 Sep–Oct;(5):44–7 (Eng. Abstr.) (Rus)

[Combined peridural anesthesia in prostatic adenomectomy] Lenkovskiĭ FM, et al. **Urol Nefrol (Mosk)** 1984 Nov–Dec; (6):21–4 (Eng. Abstr.) (Rus)

[Micturition status after transvesical adenomectomy and ways of improving it] Savin VF, et al. **Urol Nefrol (Mosk)** 1985 Jan–Feb;(1):15–7 (Eng. Abstr.) (Rus)

[Analysis of the surgical treatment of patients with prostatic adenoma] Shapoval VI. **Urol Nefrol (Mosk)** 1985 May–Jun; (3):25–9 (Eng. Abstr.) (Rus)

[Hemostasis during surgery of an exceptionally large hypertrophic prostate] Franić K, et al. **Lijec Vjesn** 1984 Oct;106(10):422–4 (Eng. Abstr.) (Scr)

[Transurethral resection of prostatic adenoma: apropos of 117 cases] Virseda JA, et al. **Arch Esp Urol** 1984 Jul–Aug; 37(4):353–64 (Eng. Abstr.) (Spa)

THERAPY

Balloon dilatation of the prostatic urethra. Work in progress. Quinn SF, et al. **Radiology** 1985 Oct;157(1):57–8

[Analysis of 38 cases of prostatic hypertrophy treated with bilateral orchiectomy and traditional Chinese medicine promoting yang for diuresis] Wang TD, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):36–8, 4 (Eng. Abstr.) (Chi)

[Medical gymnastics for prostatic adenoma patients] Mazin VV, et al. **Urol Nefrol (Mosk)** 1985 Mar–Apr;(2):29–31 (Eng. Abstr.) (Rus)

[Effects of bitemporal exposure to ultra-high frequency electrical impulse field on cellular immunity and hormone metabolism in patients with prostatic adenoma] Bogoliubov VM, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov–Dec;(6):26–9 (Rus)

[Use of rectal hydroxyprogesterone capronate phonophoresis for correction of endocrine disorders in patients with prostatic adenoma] Grigor'eva VD, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov–Dec; (6):29–32 (Eng. Abstr.) (Rus)

VETERINARY

What is your diagnosis? Hypertrophy of the prostate and calcified prostatic cyst. Porter RS, et al. **J Am Vet Med Assoc** 1984 Oct 1;185(7):807–8

PROSTATIC NEOPLASMS

Long-term survival with cutaneous metastases from prostatic cancer. Fallon B, et al. **Br J Urol** 1984 Oct;56(5):544

Unusual presentation of carcinoma of prostate. Mittapalli MH, et al. **Br J Urol** 1984 Aug;56(4):435–6

Current concepts in diagnosis and management of prostate carcinoma. Raney AM. **Del Med J** 1984 Sep;56(9):543–8

Pleural metastases secondary to prostatic carcinoma: an unusual presentation. Spreen KA, et al. **Del Med J** 1984 Jul;56(7):417–8

Immunohistochemical diagnosis of the metastasizing prostatic carcinoma. Steffens J, et al. **Eur Urol** 1985;11(2):91–4

Dilemmas in managing prostate carcinoma. (Part I): Localized disease. Ahmann FR. **Geriatrics** 1985 Jul; 40(7):34–9, 42

Dilemmas in managing prostate carcinoma (Part II): Metastatic disease. Ahmann FR. **Geriatrics** 1985 Sep; 40(9):61–3, 67–70, 72

Prostatic secondary paraplegia. Rajgopal A, et al. **J R Coll Surg Edinb** 1984 Jul;29(4):261

Atypical metastasis from prostate cancer. Clinical utility of the immunoperoxidase technique for prostate-specific antigen. Tell DT, et al. **JAMA** 1985 Jun 28;253(24):3574–5

Lung metastases of prostate carcinoma cleared by intranasal GRH analogue [letter] Volmer MC, et al. **Lancet** 1985 Jun 29;1(8444):1507

Carcinoma of the prostate: remission of paraparesis with inhibitors of bone resorption. Percival RC, et al. **Postgrad Med J** 1985 Jun;61(716):551–3

Non-Hodgkin lymphoma arising in lower urinary tract. Heaney JA, et al. **Urology** 1985 May;25(5):479–84

Carcinoma of prostate metastatic to penis. Mugharbil ZH, et al. **Urology** 1985 Mar;25(3):314–5

Primary transitional cell carcinoma of prostatic periurethral ducts. Sawczuk I, et al. **Urology** 1985 Apr;25(4):339–43 (24 ref.)

[Diagnosis of lymph node metastases in patients with carcinoma of the prostate] Masopust J, et al. **Sb Lek** 1984 Sep;86(8–9):265–9 (Eng. Abstr.) (Cze)

[Possibilities of the quantitative assessment of sites with an increased concentration of 85Sr in the skeleton using whole body profilography] Silar J, et al. **Sb Lek** 1984 Sep; 86(8–9):270–6 (Eng. Abstr.) (Cze)

[Prostatic osteocondensing metastases. The value of examining for osteomalacia] Mage P, et al. **Ann Urol (Paris)** 1985;19(3):203–6 (Eng. Abstr.) (Fre)

[The sexual life of patients with adenoma and carcinoma of the prostate] Malatinský E, et al. **Bratisl Lek Listy** 1984 Nov;82(5):1380–4 (Eng. Abstr.) (Slo)

[Subcutaneous metastases of an adenocarcinoma of the prostate] Estébanez Zarranz MJ, et al. **Arch Esp Urol** 1985 Jan–Feb;38(1):25–7 (Eng. Abstr.) (Spa)

[Early detection of bone metastases in carcinoma of the prostate using the gamma camera] Flores Corral N, et al. **Arch Esp Urol** 1985 Mar–Apr;38(2):131–6 (Eng. Abstr.) (Spa)

ANALYSIS

Estrogen and progestin receptors in human prostatic carcinoma. Wolf RM, et al. **Cancer** 1985 May 15; 55(10):2477–81

Keratin immunoreactivity in the benign and neoplastic human prostate. Brawer MK, et al. **Cancer Res** 1985 Aug; 45(8):3663–7

Prognostic importance of prostate-specific antigen for monitoring patients with stages B2 to D1 prostate cancer. Killian CS, et al. **Cancer Res** 1985 Feb;45(2):886–91

Hormone levels in prostatic fluid from healthy finns and prostate cancer patients. Rose DP, et al. **Eur J Cancer Clin Oncol** 1984 Oct;20(10):1317–9

Autoradiographic localization of estrogen and androgen target cells in human and rat prostate carcinoma. Beckman WC Jr, et al. **J Urol** 1985 Apr;133(4):724–8

The ultrastructural localization of prostatic specific antigen and prostatic acid phosphatase in hyperplastic and neoplastic human prostates. Warhol MJ, et al. **J Urol** 1985 Sep;134(3):607–13

Clinical applications and value of receptor levels in treatment of prostate cancer. Connolly JG, et al. **Prostate** 1984; 5(5):477–83 (18 ref.)

DHT in prostate cancer tissue––a guide to management and therapy. Geller J, et al. **Prostate** 1985;6(1):19–25

Heterogeneity of steroid binding sites in prostatic carcinoma: morphological demonstration and clinical implications. Pertschuk LP, et al. **Prostate** 1985;6(1):35–47

[Tissue plasminogen activator activity in early prostatic cancer and in bone metastases of prostatic cancer] Pflüger H, et al. **Wien Klin Wochenschr** 1984 Sep 14;96(17):658–61 (Eng. Abstr.) (Ger)

[The histochemistry of complex carbohydrates in the prostatic tumor] Sugiyama T. **Hinyokika Kiyo** 1985 Jan; 31(1):49–69 (Eng. Abstr.) (Jpn)

[Detection of androgen receptor in human prostatic carcinomas by the autoradiography] Demura T, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Sep;75(9):1423–9 (Eng. Abstr.) (Jpn)

[A study of correlations between therapeutic efficacy of anti-androgen therapy in prostatic cancer and androgen receptor content of prostatic cancer tissue] Ohno K, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Aug;75(8):1212–24 (Eng. Abstr.) (Jpn)

[Steroid hormone receptors in malignant neoplasms of the human prostate gland] Bassalyk LS, et al. **Vestn Akad Med Nauk SSSR** 1984;(10):82–8 (Eng. Abstr.) (Rus)

[Study of zinc using X-ray scattering and transmission electron microscopy in human prostatic and neoplastic cells] Muñoz C, et al. **Actas Urol Esp** 1985 Mar–Apr; 9(2):185–90 (Eng. Abstr.) (Spa)

[Hormonal receptors and other procedures for predicting clinical response in cancer of the prostate] Habib FK, et al. **Arch Esp Urol** 1984 Dec;37 Suppl 2:751–9 (Eng. Abstr.) (Spa)

BLOOD

Radioimmunoassay of diethylstilbestrol in plasma of patients with prostatic carcinoma. Usui T, et al. **Arch Androl** 1984; 12(2–3):243–9

Bone imaging and serum phosphatases in prostatic carcinoma. Bishop MC, et al. **Br J Urol** 1985 Jun;57(3):317–24

High serum prolactin associated with poor prognosis in carcinoma of the prostate. Mee AD, et al. **Br J Urol** 1984 Dec;56(6):698–701

Failure of long term luteinising hormone releasing hormone to suppress testosterone [letter] Faure N. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1380–1

A radioimmunoassay for GnRH agonist analogue in serum of patients with prostate cancer treated with D-Ser (tBu)6 AZA Gly10 GnRH. Clayton RN, et al. **Clin Endocrinol (Oxf)** 1985 Apr;22(4):453–62

Elevated free cortisol plasma levels in patients with prostatic carcinoma undergoing treatment with estrogens. Clerico A, et al. **Int J Clin Pharmacol Res** 1984;4(5):335–9

Importance of serum amyloid A (SAA) level in monitoring disease activity and response to therapy in patients with prostate cancer. Kaneti J, et al. **Urol Res** 1984;12(5):239–41

Simultaneous determination of six tumor markers in patients with prostatic carcinoma and bladder tumors. Schwemmer B, et al. **Urol Res** 1985;13(3):133–6

[Plasma levels of fosfestrol and its monophosphate, of diethylstilbestrol and its monoglucuronide following intravenous administration in patients with metastatic prostatic carcinoma] Oelschläger H, et al. **Arzneimittelforsch** 1984;34(10):1333–6 (Eng. Abstr.) (Ger)

[gamma-Seminoprotein in serum of prostatic cancer] Fuse H, et al. **Hinyokika Kiyo** 1985 Jan;31(1):81–5 (Eng. Abstr.) (Jpn)

[Primary fibrinolysis and adenocarcinoma of the prostate: presentation of 2 cases] López Jiménez L, et al. **Med Clin (Barc)** 1984 Nov 10;83(15):637–9 (Eng. Abstr.) (Spa)

CHEMICALLY INDUCED

The induction of NB rat prostatic carcinomas. Drago JR. **Anticancer Res** 1984 Jul–Oct;4(4–5):255–6

Prostatic cancer and chronic respiratory and renal disease in British cadmium workers: a case control study. Armstrong BG, et al. **Br J Ind Med** 1985 Aug;42(8):540–5

Carcinogenic effects of cadmium on the prostate of the rat. Hoffmann L, et al. **J Cancer Res Clin Oncol** 1985; 109(3):193–9

Cancer of prostate among nickel-cadmium battery workers [letter] Soraham T, et al. **Lancet** 1985 Feb 23;1(8426):459

[Does cadmium play a role in the etiology and pathogenesis of prostate cancer?] Hoffmann L, et al. **Z Gesamte Hyg** 1985 Apr;31(4):224–7 (Eng. Abstr.) (Ger)

CLASSIFICATION

[Classification, histological and cytological grading and assessment of regression grading in prostatic carcinomas. A recommendation of the Pathologic-Urological Task Force on Prostatic Carcinoma] Helpap B, et al. **Pathologe** 1985 Jan;6(1):3–7 (Ger)

COMPLICATIONS

Hypophosphataemic osteomalacia associated with prostatic carcinoma. Murphy P, et al. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1945

Leukemic infiltration of the prostate causing acute urinary retention. García-González R, et al. **Eur Urol** 1984; 10(5):356–7

Carcinoma of the prostate and motor neuron disease. Boninsegna C, et al. **Ital J Neurol Sci** 1985 Mar;6(1):101–5

Obstructive uropathy––an unusual presentation of acute leukemia. Sharma SC, et al. **J Assoc Physicians India** 1984 Jun;32(6):525–6

Vesicoureteral reflux in patients with obstructive prostatic disease. Amar AD, et al. **J Urol** 1985 Feb;133(2):194–7

Endocrine therapy for bladder outlet obstruction from carcinoma of the prostate. Fleischmann JD, et al. **J Urol** 1985 Sep;134(3):498–500

Hypercalcemia associated with cancer of prostate without bony metastases. Barkin J, et al. **Urology** 1984 Oct; 24(4):368–71

Hypercalcemia in carcinoma of prostate. Its cure by orchiectomy. Patel S, et al. **Urology** 1985 Jun;25(6):627–9

[Renal insufficiency caused by prostatic cancer. Apropos of 7 cases] Fourcade RO. **Ann Urol (Paris)** 1984 Dec; 18(6):424–6 (Eng. Abstr.) (Fre)

[Examples of the coincidence of fluoride osteosclerosis and prostatic neoplasm] Schmidt CW, et al. **ZFA** 1984 Sep–Oct; 39(5):281–3 (Eng. Abstr.) (Ger)

[Crural neuralgia as a manifestation of metastasis of carcinoma of the prostate] Genesi D, et al. **Minerva Urol Nefrol** 1984 Oct–Dec;36(4):307–9 (Eng. Abstr.) (Ita)

[A case of hyponatremia with prostatic carcinoma] Murakawa K, et al. **Masui** 1984 Aug;33(8):910–4 (Eng. Abstr.) (Jpn)

[Case of macroglobulinemia Waldenström associated with prostatic cancer] Nakano M, et al. **Rinsho Ketsueki** 1984 Jul;25(7):1090–6 (Eng. Abstr.) (Jpn)

[Cardiovascular complications during the estrogen therapy of prostatic cancer patients] Gonchar MA, et al. **Urol Nefrol (Mosk)** 1985 Mar–Apr;(2):31–3 (Eng. Abstr.) (Rus)

[Complications and causes of fatal outcomes in prostatic cancer] Samsonov VA. **Vopr Onkol** 1985;31(2):63–7 (Eng. Abstr.) (Rus)

[Intrathecal anesthesia in metastatic pain of urologic origin. A new technic] Muruamendiaraz V, et al. **Actas Urol Esp** 1985 May–Jun;9(3):247–54 (Eng. Abstr.) (Spa)

DIAGNOSIS

Combined use of transurethral resection and needle biopsy in the diagnostics of carcinoma of the prostate. Zana J, et al. **Acta Chir Hung** 1985;26(1):31–4

Diagnosis of prostatic leiomyosarcoma with fine needle aspiration cytology. Cookingham CL, et al. **Acta Cytol (Baltimore)** 1985 Mar–Apr;29(2):170–2

Clinical and in vitro magnetic resonance imaging of prostatic carcinoma. Buonocore E, et al. **AJR** 1984 Dec; 143(6):1267–72

Clinical utility of serum prostatic acid phosphatase measurements for detection (screening), diagnosis, and therapeutic monitoring of prostatic carcinoma; assessment of monoclonal and polyclonal enzymes and radioimmunoassays. Kaplan LA, et al. **Am J Clin Pathol** 1985 Sep;84(3):334–9

Mucinous adenocarcinoma of the prostate gland. Epstein JI, et al. **Am J Surg Pathol** 1985 Apr;9(4):299–308

Radioimmunoassay for prostatic acid phosphatase in early prostatic carcinoma. Samuell CT, et al. **Br J Urol** 1984 Apr;56(2):208–12

Nuclear magnetic resonance (NMR) imaging of the prostate. Steyn JH, et al. **Br J Urol** 1984 Dec;56(6):679–81

Recent prostatic ultrasonography by intra-corporal scan. Harada K. **J Belge Radiol** 1984;67(6):385–91

Transrectal prostatic ultrasonography: comparison of linear array and radial scanners. Rifkin MD. **J Ultrasound Med** 1985 Jan;4(1):1–5

Transrectal ultrasonography for prostatic cancer: its value in staging and monitoring the response to radiotherapy and chemotherapy. Fujino A, et al. **J Urol** 1985 May;133(5):806–10

Exfoliative cytology of prostatic carcinoma using a prostatic fluid collecting catheter. Ichijo S, et al. **J Urol** 1985 Mar;133(3):416–20

Preoperative evaluation of localized prostatic carcinoma by transrectal ultrasonography. Pontes JE, et al. **J Urol** 1985 Aug;134(2):289–91

Use of transrectal ultrasound in evaluating prostatic cancer. Resnick MI. **J Urol** 1985 Aug;134(2):314

Cancer serum index and prostatic acid phosphatase for detection of progressive prostatic cancer. Robey EL, et al. **J Urol** 1985 Oct;134(4):787–90

Immunoreactive prostatic acid phosphatase in prostatic cancer: diagnosis and followup of patients. Vihko P, et al. **J Urol** 1985 Jun;133(6):979–82

Problematic prostatic prediction [letter] **JAMA** 1985 Sep 6;254(9):1171–3

Diagnostic accuracy of four assays of prostatic acid phosphatase. Comparison using receiver operating characteristic curve analysis. Carson JL, et al. **JAMA** 1985 Feb 1;253(5):665–9

Early detection of prostate cancer by routine screening. Chodak GW, et al. **JAMA** 1984 Dec 21;252(23):3261–4

Suprapubic sonographic detection of prostate carcinoma. Hennig RC, et al. **JCU** 1985 Feb;13(2):101–6

Microscopic differential diagnosis of small acinar adenocarcinoma of prostate. Kovi J. **Pathol Annu** 1985;20 Pt 1:157–96 (96 ref.)

Identification of prostate and other cancers by two-dimensional protein electrophoresis. Anderson KM. **Prostate** 1985;6(1):101–16

Prostatic carcinoma: detection and staging using suprapubic US. Abu-Yousef MM, et al. **Radiology** 1985 Jul;156(1):175–80

Magnetic resonance imaging of the prostate. Poon PY, et al. **Radiology** 1985 Jan;154(1):143–9

Radioimmunoassay (RIA) for prostatic acid phosphatase in patients with prostatic carcinoma. Debruyne FM, et al. **Urol Res** 1984;12(5):233–7

Marker substances and prostate cancer [editorial] Huber PR. **Urol Res** 1984;12(5):231–2

[Possibilities of diagnosing urothelial carcinomas involving the prostate via transrectal aspiration biopsy] Topov Ia, et al. **Khirurgiia (Sofiia)** 1984;37(5):390–4 (Eng. Abstr.) **(Bul)**

[Diagnosis of prostatic malignant tumors] Shi QD. **Chung Hua Chung Liu Tsa Chih** 1985 May;7(3):226–8 (Eng. Abstr.) **(Chi)**

[Urologic version of a sectorial echotomography instrument for endosonography: clinical evaluation in 300 cases] Chapelon JY, et al. **Ann Radiol (Paris)** 1984 Jan;27(1):21–6 (Eng. Abstr.) **(Fre)**

[Cancer of the prostate revealed by hemospermia in a young man] Dumas JP, et al. **Ann Urol (Paris)** 1985;19(3):207–9 (Eng. Abstr.) **(Fre)**

[What is the use of the radioimmunoassay of prostatic acid phosphatase?] Luckacs B, et al. **J Urol (Paris)** 1985;91(4):211–4 (Eng. Abstr.) **(Fre)**

[Clinical polymorphism of prostatic adenocarcinoma: apropos of 146 cases] Trabelsi N, et al. **Tunis Med** 1985 Mar;63(3):201–6 (Eng. Abstr.) **(Fre)**

[Immunohistochemical diagnosis of metastasizing prostatic carcinomas] Friedmann W, et al. **Onkologie** 1984 Dec;7(6):337–41 (Eng. Abstr.) **(Ger)**

[Transrectal prostatic sonography. Evaluation of a pilot study] Frentzel-Beyme B. **ROFO** 1985 Mar;142(3):298–303 (Eng. Abstr.) **(Ger)**

[Sonographic image of prostate cancer] Frentzel-Beyme B, et al. **Rontgenblatter** 1984 Nov;37(11):394–9 (Eng. Abstr.) **(Ger)**

[Rhabdomyosarcoma of the prostate] Mottola A, et al. **Minerva Urol Nefrol** 1984 Oct–Dec;36(4):363–7 (Eng. Abstr.) **(Ita)**

[Initial experiences in the study of the pelvis using nuclear magnetic resonance imaging with 6.36 MHz radiofrequency] Vitelli F, et al. **Radiol Med (Torino)** 1985 Jan–Feb;71(1–2):17–25 (Eng. Abstr.) **(Ita)**

[Immunochemical measurement of prostatic acid phosphatase in carcinoma of the prostate] Cooper EH, et al. **Ric Clin Lab** 1984;14 Suppl 2:39–55 **(Ita)**

[Skull base metastasis of prostatic cancer presenting as exophthalmos—a case report] Kurisu K, et al. **Gan No Rinsho** 1985 Mar;31(3):303–7 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of prostate antigen (PA) in prostate cancer] Kuriyama M. **Gan No Rinsho** 1985 May;31(6 Suppl):606–10 (Eng. Abstr.) **(Jpn)**

[Ultrasonic diagnosis of prostatic cancer] Watanabe H, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2607–12 **(Jpn)**

[The significance of prostatic serum acid phosphatase as a tumor marker in prostatic cancer] Hamami G. **Hinyokika Kiyo** 1983 Oct;29(10):1231–45 (Eng. Abstr.) **(Jpn)**

[Prostatic acid phosphatase by enzymeimmunoassay] Masukagami T, et al. **Hinyokika Kiyo** 1984 Nov;30(11):1691–5 (Eng. Abstr.) **(Jpn)**

[An immunohistochemical study of prostate antigen using an enzyme-labeled antibody technique] Okano M, et al. **Hinyokika Kiyo** 1983 Oct;29(10):1369–71 (Eng. Abstr.) **(Jpn)**

[Exfoliative cytology of carcinoma of the prostate: use of a specially designed prostatic fluid obtaining catheter] Ichijo S, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Aug;75(8):1299–305 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of serum prostatic specific antigen measurement by radioimmunoassay] Miki M, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Dec;75(12):1982–8 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of prostate-specific antigens (gamma-seminoprotein: gamma-Sm)—gamma-seminoprotein in serum measured by gamma-Sm monoclonal antibodies] Okabe T, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Feb;76(2):165–73 (Eng. Abstr.) **(Jpn)**

[Studies on prostate specific antigen, gamma-seminoprotein (gamma-Sm) as a tumor marker of prostatic cancer] Kamachi S, et al. **Rinsho Byori** 1984 Jul;32(7):781–5 **(Jpn)**

[Fever as the first symptom of prostatic cancer] Zgliczyński W, et al. **Pol Tyg Lek** 1985 Jan 28;40(4):109–11 (Eng. Abstr.) **(Pol)**

[Prostatic squamous cell cancer and its differential diagnostic contrast with squamous cell metaplasia] Samsonov VA. **Arkh Patol** 1984;46(8):23–9 (Eng. Abstr.) **(Rus)**

[Role and evaluation of radiometry using 32P in the diagnosis of cancer of the prostate] Battke Kh, et al. **Urol Nefrol (Mosk)** 1984 Nov–Dec;(6):25–7 (Eng. Abstr.) **(Rus)**

[Prostatic adenocarcinoma. II. Study of diagnostic methods. Review of the literature] Valls Fontanals A, et al. **Actas Urol Esp** 1985 Mar–Apr;9(2):115–20 (38 ref.) (Eng. Abstr.) **(Spa)**

[Prostate-specific antigen in the diagnosis of prostatic carcinoma] Virseda JA, et al. **Actas Urol Esp** 1985 Jan–Feb;9(1):89–94 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Kinetics of steroid responsiveness to hCG during chronic inhibition of testicular function by GnRH analogue. Vicari E, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):544–9

Nb rat prostate adenocarcinoma model: metastasis. Drago JR, et al. **Anticancer Res** 1985 Mar–Apr;5(2):193–6

Hormone stimulation and chemotherapy in advanced prostate cancer: preliminary results of a prospective controlled clinical trial. Manni A, et al. **Anticancer Res** 1985 Mar–Apr;5(2):161–5

Response to aminoglutethimide and cortisone acetate in advanced prostatic cancer. Ponder BA, et al. **Br J Cancer** 1984 Dec;50(6):757–63

Leuprolide: a review of its effects in animals and man. Drago JR, et al. **Br J Clin Pract** 1985 Feb;39(2):77–9

Leuprolide: a review of its effects in comparison with diethylstilboestrol in the treatment of advanced cancer of the prostate. Garnick MB, et al. **Br J Clin Pract** 1985 Feb;39(2):73–6

The stable state is not an objective response in hormone-escaped carcinoma of prostate. Beynon LL, et al. **Br J Urol** 1984 Dec;56(6):702–5

Experience with an LHRH analogue in the management of relapsed progressive prostatic cancer. Kerle D, et al. **Br J Urol** 1984 Oct;56(5):495–8

Flutamide therapy for advanced prostatic cancer: a phase II study. MacFarlane JR, et al. **Br J Urol** 1985 Apr;57(2):172–4

Failure of long term luteinising hormone releasing hormone treatment for prostatic cancer to suppress serum luteinising hormone and testosterone [letter] Ahmed SR, et al. **Br Med J [Clin Res]** 1984 Sep 29;289(6448):831

Preliminary report on use of depot formulation of LHRH analogue ICI 118630 (Zoladex) in patients with prostatic cancer. Ahmed SR, et al. **Br Med J [Clin Res]** 1985 Jan 19;290(6463):185–7

Luteinising hormone releasing hormone analogue for prostatic cancer [letter] Taylor MC. **Br Med J [Clin Res]** 1985 Feb 2;290(6465):395–6

Prostatic carcinoma [letter] Urwin GH. **Br Med J [Clin Res]** 1985 Apr 27;290(6477):1285

Biodegradable polymer luteinising hormone releasing hormone analogue for prostatic cancer: use of a new peptide delivery system. Williams G, et al. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1580–1

A phase II study of high-dose estrogens (diethylstilbestrol diphosphate) in prostate cancer. Citrin DL, et al. **Cancer** 1985 Aug 1;56(3):457–60

The effects of cyclophosphamide, ketoconazole, aclacinomycin-A, methotrexate, and scheduled methotrexate-5-fluorouracil combination chemotherapy on the transplantable R-3327 prostatic adenocarcinoma in the F1 hybrid male rat. Smith JB Jr, et al. **Cancer** 1985 Sep 1;56(5):1045–8

Antimicrotubule effects of estramustine, an antiprostatic tumor drug. Stearns ME, et al. **Cancer Res** 1985 Aug;45(8):3891–7

Continuous infusion of vinblastine for advanced hormone-refractory prostate cancer. Dexeus F, et al. **Cancer Treat Rep** 1985 Jul–Aug;69(7–8):885–6

Randomized trial of combination chemotherapy in hormone-resistant metastatic prostate carcinoma. Page JP, et al. **Cancer Treat Rep** 1985 Jan;69(1):105–7

Phase II trial of etoposide in advanced prostate cancer. Trump DL, et al. **Cancer Treat Rep** 1984 Sep;68(9):1195–6

Influence of LH-RH agonists on the growth and hormonal environment of breast and prostate cancer. Nicholson RI, et al. **Chemioterapia** 1985 Jun;4(3):249–51

The effects of endocrine therapy on plasma steroids in prostatic carcinoma patients. Drafta D, et al. **Endocrinologie** 1984 Jul–Sep;22(3):191–7

Treatment of advanced prostatic cancer, resistant to conventional therapy, with aminoglutethimide. Murray R, et al. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):453–8

An LH-RH analogue (Zoladex) in the management of carcinoma of the prostate: a preliminary report comparing daily subcutaneous injections with monthly depot injections. Robinson MR, et al. **Eur J Surg Oncol** 1985 Jun;11(2):159–65

High-dose medroxyprogesterone acetate versus prednisolone in hormone-resistant prostatic cancer. A pilot study. Fosså SD, et al. **Eur Urol** 1985;11(1):11–6

High-dose medroxyprogesterone in the treatment of advanced therapy-resistant prostatic carcinoma. Johansson JE, et al. **Eur Urol** 1985;11(1):9–10

Testicular histology following chronic gonadotropin-releasing hormone agonist treatment. Rajfer J, et al. **Fertil Steril** 1984 Nov;42(5):765–71

Gestagens in the management of prostatic carcinoma. Szendröi Z. **Int Urol Nephrol** 1984;16(4):327–35

Induced hypoprolactinemia and testicular steroidogenesis in man. Suescun MO, et al. **J Androl** 1985 Jan–Feb;6(1):10–4

Treatment of prostatic cancer with a gonadotropin-releasing hormone agonist analog: acute and long term effects on endocrine functions of testis tissue. Huhtaniemi I, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):698–704

A reevaluation of nonhormonal cytotoxic chemotherapy in the treatment of prostatic carcinoma. Eisenberger MA, et al. **J Clin Oncol** 1985 Jun;3(6):827–41 (89 ref.)

Cyclophosphamide versus 5-fluorouracil, doxorubicin, and mitomycin C (FAM') in the treatment of hormone-resistant metastatic carcinoma of the prostate: a preliminary report of a randomized trial. Kasimis BS, et al. **J Clin Oncol** 1985 Mar;3(3):385–92

Methylglyoxal-bis(guanylhydrazone) in hormone-resistant adenocarcinoma of the prostate. Scher HI, et al. **J Clin Oncol** 1985 Feb;3(2):224–8

Is there evidence that chemotherapy is of benefit to patients with carcinoma of the prostate? Tannock IF. **J Clin Oncol** 1985 Jul;3(7):1013–21

Treatment of patients with advanced cancer of the prostate using a slow-release (depot) formulation of the LHRH agonist ICI 118630 (Zoladex). Walker KJ, et al. **J Endocrinol** 1984 Nov;103(2):R1–4

Hormonal aspects of prostatic cancer: a review. Waxman J. **J R Soc Med** 1985 Feb;78(2):129–35 (67 ref.)

The influence of treatment with estrogens and estramustine phosphate on platelet aggregation and plasma lipoproteins in non-disseminated prostatic carcinoma. Agardh CD, et al. **J Urol** 1984 Nov;132(5):1021–4

Mesenteric venous thrombosis associated with estrogen therapy for treatment of prostatic carcinoma. Sahdev P, et al. **J Urol** 1985 Sep;134(3):563–4

Optimal testosterone concentration for the treatment of prostatic cancer. Trachtenberg J. **J Urol** 1985 May;133(5):888–90

LHRH [letter] Glode LM, et al. **JAMA** 1985 Jul 26;254(4):506–7

Combined treatment with LHRH agonist and pure antiandrogen in advanced carcinoma of prostate [letter] Labrie F, et al. **Lancet** 1984 Nov 10;2(8411):1090

Leuprolide for prostate cancer. **Med Lett Drugs Ther** 1985 Aug 16;27(694):71–2

Prostate cancer: clinical trials of gonadotrophin-releasing hormone analogs as an alternative to orchiectomy. Hollander V. **Mt Sinai J Med (NY)** 1985 Mar;52(3):205–6

Leuprolide versus diethylstilbestrol for metastatic prostate cancer. The Leuprolide Study Group. **N Engl J Med** 1984 Nov 15;311(20):1281–6

Hormonal therapy for prostate cancer [editorial] Torti FM. **N Engl J Med** 1984 Nov 15;311(20):1313–4

Hormonal and chemotherapeutic treatment of prostatic carcinoma; Dunning adenocarcinoma of the prostate in Copenhagen-Fischer rats. Rosenberg CA, et al. **Oncology** 1985;42(1):48–54

Long-acting delivery systems for peptides: inhibition of rat prostate tumors by controlled release of [D-Trp6]luteinizing hormone-releasing hormone from injectable microcapsules. Redding TW, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5845–8

Combination of long-acting microcapsules of the D-tryptophan-6 analog of luteinizing hormone-releasing hormone with chemotherapy: investigation in the rat prostate cancer model. Schally AV, et al.

Proc Natl Acad Sci USA 1985 Apr;82(8):2498–502

EORTC Genitourinary Group Monograph 2, Part A: Therapeutic principles in metastatic prostatic cancer. Proceedings of a symposium held in Rotterdam, The Netherlands, September 14 and 15, 1984. **Prog Clin Biol Res** 1985;185A:1–466

Rationale for suppression of adrenal steroidogenesis in advanced prostatic cancer. Blankenstein MA, et al. **Prog Clin Biol Res** 1985;185A:161–85

Results of a Dutch Phase II trial with the LHRH agonist buserelin in patients with metastatic prostatic cancer. Debruyne FM, et al. **Prog Clin Biol Res** 1985;185A:251–70

Clinical applications of ketoconazole in prostatic cancer. Denis L, et al. **Prog Clin Biol Res** 1985;185A:319–26

Second-line endocrine management: anti-androgens and anti-estrogens. de Voogt HJ. **Prog Clin Biol Res** 1985; 185A:351–7 (21 ref.)

Ongoing phase II & III studies of the USA National Prostatic Cancer Project. Elder JS, et al. **Prog Clin Biol Res** 1985; 185A:427–34

Results of trials of the USA National Prostatic Cancer Project. Elder JS, et al. **Prog Clin Biol Res** 1985; 185A:221–42

Biodegradable sustained release formulation of the LH-RH analogue 'Zoladex' for the treatment of hormone-responsive tumours. Furr BJ, et al. **Prog Clin Biol Res** 1985;185A:143–53

Mode of action of estramustine phosphate in hormone dependent and hormone non-dependent prostate cancer. Hedlund PO. **Prog Clin Biol Res** 1985;185A:197–202 (13 ref.)

EORTC Phase II chemotherapy studies in prostate cancer. Jones WG. **Prog Clin Biol Res** 1985;185A:435–45

Principles of endocrine manipulation in the treatment of prostatic cancer. Neumann F. **Prog Clin Biol Res** 1985; 185A:73–98

Criteria for response to treatment of metastatic prostatic cancer. Newling DW. **Prog Clin Biol Res** 1985; 185A:205–20

Endocrine factors in the treatment of prostatic cancer. Pierrepoint CG, et al. **Prog Clin Biol Res** 1985;185A:51–72 (44 ref.)

The EORTC Phase III trials in prostatic cancer. Robinson MR, et al. **Prog Clin Biol Res** 1985;185A:243–9

Total androgen suppression in the management of prostatic cancer. A critical review. Schroeder FH. **Prog Clin Biol Res** 1985;185A:307–17 (24 ref.)

Combination of hormonal and cytostatic treatment for advanced carcinoma of the prostate. Servadio C. **Prog Clin Biol Res** 1985;185A:407–26

Treatment of metastatic carcinoma of the prostate with leuprolide, an LHRH analogue. Smith JA Jr. **Prog Clin Biol Res** 1985;185A:279–85

A long term follow-up of patients with advanced prostatic cancer treated with buserelin. Waxman JH, et al. **Prog Clin Biol Res** 1985;185A:271–7

Long-term endocrine profiles of prostatic carcinoma patients under pernasal as well as intramuscular Gn-RH analogue treatment. Wenderoth UK, et al. **Prog Clin Biol Res** 1985; 185A:297–305

Results obtained in the treatment of prostate cancer patients with Zoladex. Williams G, et al. **Prog Clin Biol Res** 1985; 185A:287–95

Cytotoxic chemotherapeutic agents under development with a possible future role in prostate cancer. Creaven PJ. **Prostate** 1984;5(5):485–93 (38 ref.)

Approaches to prostatic cancer chemotherapy using the Dunning R3327H prostatic adenocarcinoma. Padilla GM, et al. **Prostate** 1985;6(2):129–43

Animal models and treatment of prostate cancer. Pollard M, et al. **Prostate** 1984;5(6):661–8

Investigation of the combination of the agonist D-Trp-6-LH-RH and the antiandrogen flutamide in the treatment of Dunning R-3327H prostate cancer model. Redding TW, et al. **Prostate** 1985;6(3):219–32

Efficacy of (D-Leu6)-des Gly-NH2 10-LHRH ethylamide against prostatic cancer. Yamanaka H, et al. **Prostate** 1985; 6(1):27–34

High-dose ketoconazole therapy in prostatic cancer. A pilot study. Nicolle P, et al. **S Afr Med J** 1985 Jun 1;67(22):888–9

Megestrol acetate used as primary hormonal therapy in stage D prostatic cancer. Bonomi P, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 1):36–9

Rationale for blockade of adrenal as well as testicular androgens in the treatment of advanced prostate cancer. Geller J. **Semin Oncol** 1985 Mar;12(1 Suppl 1):28–35

Endocrine therapy: predictors of response to prostatic cancer. Geller J, et al. **Semin Urol** 1983 Nov;1(4):291–7 (18 ref.)

Cytotoxic agents effective in prostate cancer. Schmidt JD. **Semin Urol** 1983 Nov;1(4):299–310 (43 ref.)

Endocrine therapy: non-estrogenic pharmacological manipulation. Trachtenberg J. **Semin Urol** 1983 Nov; 1(4):288–90

Cytotoxic agents in prostate cancer: an enigma. Yagoda A. **Semin Urol** 1983 Nov;1(4):311–21 (61 ref.)

Adverse effects during endocrine therapy for prostatic carcinoma with a high dose of estrogen. Shinkawa T, et al. **Urol Int** 1985;40(2):103–6

The effect of previous endocrine therapy on responses to a single dose of an LHRH analogue. Allen JM, et al. **Urol Res** 1984;12(5):249–51

Chemotherapy: is it effective in treatment of prostatic cancer? Murphy GP. **Urology** 1984 Nov;24(5 Suppl):41–7

Evaluation of synthetic agonist analogue of gonadotropin-releasing hormone (leuprolide) on testicular androgen production in patients with carcinoma of prostate. Santen RJ, et al. **Urology** 1985 Feb;25(2 Suppl):53–7

Comparison of leuprolide and diethylstilbestrol for stage D2 adenocarcinoma of prostate. Sharifi R, et al. **Urology** 1985 Aug;26(2):117–24

Clinical effects of gonadotropin-releasing hormone analogue in metastatic carcinoma of prostate. Smith JA Jr, et al. **Urology** 1985 Feb;25(2):106–14

Newer methods of hormonal therapy for prostate cancer. Soloway MS. **Urology** 1984 Nov;24(5 Suppl):30–8

DES lead-in to use of luteinizing hormone releasing hormone analogs in treatment of metastatic carcinoma of prostate. Stein BS, et al. **Urology** 1985 Apr;25(4):350–3

Urethral obstruction secondary to carcinoma of prostate: response to endocrine treatment. Varenhorst E, et al. **Urology** 1985 Apr;25(4):354–6

[Hormonal manipulation of disseminated prostatic cancer] Mahler C, et al. **Acta Urol Belg** 1984;52(4):593–9 (Eng. Abstr.) **(Fre)**

[Treatment of prostatic cancer with an LH-RH agonist: the D Trp6 LH-RH. Preliminary results in 30 cases] Steg A, et al. **Ann Urol (Paris)** 1984 Dec;18(6):388–92 (Eng. Abstr.) **(Fre)**

[Immunogenicity of synthetic sex hormones and thrombogenesis] Beaumont V, et al. **Pathol Biol (Paris)** 1985 Apr;33(4):245–9 (Eng. Abstr.) **(Fre)**

[Dramatic aggravation of prostatic cancer at the onset of treatment with an LHRH agonist (letter)] Boumier P, et al. **Presse Med** 1985 May 25;14(21):1200–1 **(Fre)**

[Recurrent thrombosis of the subclavian vein during estrogen therapy of prostatic cancer (letter)] Carl P. **Dtsch Med Wochenschr** 1985 Jan 25;110(4):155 **(Ger)**

[Advanced prostatic cancer: therapeutic modalities] Faul P, et al. **Dtsch Med Wochenschr** 1984 Dec 21; 109(51–52):1975–80 (46 ref.) **(Ger)**

[Recurring thrombosis of the subclavian vein during estrogen therapy of prostatic cancer] Fischer H, et al. **Dtsch Med Wochenschr** 1984 Nov 9;109(45):1725–7 (Eng. Abstr.) **(Ger)**

[Therapy of virginal prostatic cancer with cyproterone acetate] Maier U. **Z Urol Nephrol** 1985 Apr;78(4):181–7 (Eng. Abstr.) **(Ger)**

[LHRH agonists in the treatment of advanced prostatic carcinoma (editorial)] Cohen Y. **Harefuah** 1984 Oct; 107(7–8):210–2 **(Heb)**

[A trial of hormonochemotherapy of prostate cancer] Fujita K, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1840–3 (Eng. Abstr.) **(Jpn)**

[Clinical effect of UFT on prostatic cancer] Naito K, et al. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1440–4 (Eng. Abstr.) **(Jpn)**

[Effect of KW-2083 in Stage D adenocarcinoma of the prostate] Yoshimoto J, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1156–7 **(Jpn)**

[Reactivation of prostatic cancer and chemotherapy in reactivated prostatic cancer] Fuse H, et al. **Hinyokika Kiyo** 1985 Feb;31(2):281–7 (Eng. Abstr.) **(Jpn)**

[A case of rhabdomyosarcoma of the prostate in children] Nagata Y, et al. **Hinyokika Kiyo** 1985 Feb;31(2):319–26 (Eng. Abstr.) **(Jpn)**

[Treatment of advanced prostatic carcinoma with cis-diamminedichloroplatinum] Okumura S, et al. **Hinyokika Kiyo** 1984 Dec;30(12):1801–7 (Eng. Abstr.) **(Jpn)**

[Effectiveness of 5-fluorouracil combined with hormones in low dose as a basal treatment for prostatic carcinoma] Takeuchi H. **Hinyokika Kiyo** 1984 Nov;30(11):1703–9 (Eng. Abstr.) **(Jpn)**

[Clinical efficacy of (D-Leu6)-des Gly-NH2(10)-LHRH ethylamide against prostatic cancer] Yamanaka H, et al. **Hinyokika Kiyo** 1984 Apr;30(4):545–60 (Eng. Abstr.) **(Jpn)**

[Prostate antigen as a tumor marker of prostate cancer: (2). Changes of prostate antigen values during anti-cancer chemotherapy] Kuriyama M, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Dec 20;19(10):2230–8 (Eng. Abstr.) **(Jpn)**

[Combination chemotherapy of vincristine, ifosfamide and peplomycin in patients with advanced stage D adenocarcinoma of the prostate] Yoshimoto J, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Jan;76(1):1–9 (Eng. Abstr.) **(Jpn)**

[Treatment of hormone-resistant prostate cancer with estramustine phosphate (Estracyt)] Stridsklev IC, et al. **Tidsskr Nor Laegeforen** 1984 Oct 10;104(28):1977–80 (Eng. Abstr.) **(Nor)**

[Effect of bromocriptine on prolactin secretion after dopaminergic receptor blockade with metoclopramide in patients with prostatic cancer treated with estrogens] Baranowska B, et al. **Endokrynol Pol** 1984;35(4):211–7 (Eng. Abstr.) **(Pol)**

[LHRH analogs—new possibilities in the treatment of prostatic cancer] Baranowska B. **Pol Tyg Lek** 1984 Jul 16–23;39(29–30):1009–12 (33 ref.) **(Pol)**

[New aspects of anti-androgenic therapy of prostatic cancer] Portnoï AS. **Urol Nefrol (Mosk)** 1985 May–Jun;(3):69–73 (43 ref.) **(Rus)**

[Hormonal treatment of disseminated cancer of the prostate: results and survival obtained in a series of 60 patients] Izquierdo Font AJ, et al. **Actas Urol Esp** 1985 May–Jun; 9(3):231–6 (Eng. Abstr.) **(Spa)**

[Treatment of advanced carcinoma of the prostate with estramustine phosphate (estracyt)] Lancina Martín JA, et al. **Actas Urol Esp** 1984 Sep–Oct;8(5):399–402 (Eng. Abstr.) **(Spa)**

[Evaluation of the effectiveness of cisplatin in the treatment of disseminated cancer of the prostate] Nogueira March JL, et al. **Arch Esp Urol** 1985 Jan–Feb;38(1):28–34 (Eng. Abstr.) **(Spa)**

[Carcinoma of the prostatic utricle treated with medroxyprogesterone (letter)] Sundblad AS, et al. **Medicina (B Aires)** 1984;44(1):105 **(Spa)**

ENZYMOLOGY

Prostatic acid phosphatase immunoperoxidase staining of cytologically positive effusions associated with adenocarcinomas of the prostate and neoplasms of undetermined origin. Broghamer WL Jr, et al. **Acta Cytol (Baltimore)** 1985 May–Jun;29(3):274–8

Immunoperoxidase demonstration of prostatic acid phosphatase in aspiration biopsy cytology (ABC). Keshgegian AA, et al. **Am J Clin Pathol** 1984 Nov; 82(5):586–9

Metastatic carcinoma to the sphenoid sinus. Case report and review of the literature. McClatchey KD, et al. **Arch Otorhinolaryngol** 1985;241(3):219–24

Screening for carcinoma of the prostate. Rectal examination, and enzymatic and radioimmunologic measurements of serum acid phosphatase compared. Vihko P, et al. **Cancer** 1985 Jul 1;56(1):173–7

Oncodevelopmental enzymes of the Dunning rat prostatic adenocarcinoma. Hall M, et al. **Cancer Res** 1985 Sep; 45(9):4053–9

Selective inhibition of prostatic tumor 5 alpha-reductase by a 4-methyl-4-azasteroid. Kadohama N, et al. **Cancer Res** 1984 Nov;44(11):4947–54

Enzyme activities in prostatic carcinoma related to Gleason grades. Pretlow TG 2d, et al. **Cancer Res** 1985 Jan; 45(1):442–6

Assessment of serum radioimmune and enzymatic prostatic acid phosphatase and radioimmune creatine kinase BB for monitoring response to therapy in metastatic prostatic carcinoma. Zweig MH, et al. **Cancer Res** 1985 Aug; 45(8):3945–50

The preparation, characterization and application of monoclonal antibodies to human prostatic acid phosphatase (PAP). Sturgeon CM, et al. **Dev Biol Stand** 1984;57:331–40

Monoclonal antibody-based radioimmunoassay compared with conventional enzyme immunoassay in the detection of prostatic acid phosphatase. Wirth MP, et al. **Eur Urol** 1984;10(5):326–30

Gastricsin in the benign and malignant prostate. Reid WA, et al. **J Clin Pathol** 1985 Jun;38(6):639–43

Creatine kinase isoenzyme (CK-BB) by RIA as a follow-up marker in stage D cancer of the prostate: comparison with PAP RIA. El-Shribiny A, et al. **J Surg Oncol** 1985 Mar; 28(3):232–6

Discrimination between normal, hyperplastic and malignant human prostatic tissues by enzymatic profiles. Brendler CB, et al. **J Urol** 1985 Mar;133(3):495–501

Immunocytochemical demonstration of prostatic acid phosphatase: different secretion kinetics between normal, hyperplastic and neoplastic prostates. Mori K, et al. **J Urol** 1985 May;133(5):877–83

Prostatic origin of fucosyl transferase in human seminal plasma—a study on healthy controls and on men with infertility or with prostatic cancer. Ronquist G, et al. **Urol Res** 1984;12(5):243–7

Elevation of serum prostatic acid phosphatase levels after prostatic massage. Wadström J, et al. **Urology** 1984 Dec; 24(6):550–1

[Histochemical characterization of different tissue enzymes in prostate adenomas and carcinomas] Hajek J, et al. **Acta Urol Belg** 1985;53(1):96–100 (Eng. Abstr.) **(Fre)**

[Localization of prostatic acid phosphatase in the prostatic tissue] Endo K. **Nippon Hinyokika Gakkai Zasshi** 1985 Jan; 76(1):10–9 (Eng. Abstr.) **(Jpn)**

[Bone fractions of alkaline phosphatase in prostatic cancer with bone metastasis] Larach G, et al. **Rev Med Chil** 1984 Aug;112(8):802–5 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Death certificate case-control study of cancers of the prostate and colon and employment in the textile industry. Hoar SK, et al. **Arch Environ Health** 1984 Jul–Aug;39(4):280–3

Early precursors of urogenital cancers in former college men. Whittemore AS, et al. **J Urol** 1984 Dec;132(6):1256–61

Nutrition and prostate cancer: a case-control study. Heshmat MY, et al. **Prostate** 1985;6(1):7–17

Promotional effects of testosterone and dietary fat on prostate carcinogenesis in genetically susceptible rats. Pollard M, et al. **Prostate** 1985;6(1):1–5

[Pathogenesis of prostatic carcinoma. II. The relation between precancerous lesions and carcinoma of the prostate] Wu RL. **Chung Hua Chung Liu Tsa Chih** 1984 May;6(3):189–91 (Eng. Abstr.) **(Chi)**

FAMILIAL & GENETIC

Chromosome rearrangements in a metastatic adenocarcinoma of the prostate. Gibas Z, et al. **Cancer Genet Cytogenet** 1985 Apr 15;16(4):301–4

Identification of a messenger ribonucleic acid fraction in human prostatic cancer cells coding for a novel osteoblast–stimulating factor. Simpson E, et al. **Endocrinology** 1985 Oct;117(4):1615–20

Genetic markers in carcinoma of the prostate. Dimopoulos MA, et al. **Eur Urol** 1984;10(5):315–6

Chromosome study of five cancers of the prostate. Atkin NB, et al. **Hum Genet** 1985;70(4):359–64

Chromosome 10 deletion in carcinoma of the prostate [letter] Atkin NB, et al. **N Engl J Med** 1985 Jan 31;312(5):315

Familial factors affecting prostatic cancer risk and plasma sex–steroid levels. Meikle AW, et al. **Prostate** 1985; 6(2):121–8

IMMUNOLOGY

Delayed–type hypersensitivity in patients with nodular hyperplasia and carcinoma of the prostate. Leńko J, et al. **Acta Med Pol** 1983;24(1–4):93–101

Effect of transfer factor on tumor–associated immunity and tumor growth of the Dunning R–3327G rat prostate adenocarcinoma. Shaw MW, et al. **Am J Reprod Immunol Microbiol** 1985 Jul;8(3):80–3

Immunocytochemical localisation of prostate–specific antigen: specificity and application to clinical practice. Ford TF, et al. **Br J Urol** 1985 Feb;57(1):50–5

The natural–killer–cell–associated HNK–1 (Leu–7) antibody reacts with hypertrophic and malignant prostatic epithelium. Rusthoven JJ, et al. **Cancer** 1985 Jul 15; 56(2):289–93

Disulfide bonding of a human prostate tumor–associated membrane antigen recognized by monoclonal antibody D83.21. Starling JJ, et al. **Cancer Res** 1985 Feb;45(2):804–8

Immunohistochemical demonstration of tumor–associated antigens in prostatic carcinomas of various histological differentiations. Friedmann W, et al. **Eur Urol** 1985; 11(1):52–6

Shared antigens of human prostate cancer cell lines as defined by monoclonal antibodies. Lindgren J, et al. **Hybridoma** 1985 Spring;4(1):37–45

Demonstration of carcinoembryonic antigen in bone marrow from patients with carcinoma. Gray A, et al. **J Clin Pathol** 1984 Oct;37(10):1090–4

Epithelial markers in prostatic, bladder, and colorectal cancer: an immunoperoxidase study of epithelial membrane antigen, carcinoembryonic antigen, and prostatic acid phosphatase. Heyderman E, et al. **J Clin Pathol** 1984 Dec; 37(12):1363–9

Immunohistochemical localization of T antigen–like substance in benign hyperplasia and adenocarcinoma of the prostate. Ghazizadeh M, et al. **J Urol** 1984 Dec; 132(6):1127–30

Functional properties of natural killer cells in carcinoma of the prostate. Wirth M, et al. **J Urol** 1985 Jun;133(6):973–8

Antiprostate carcinoma monoclonal antibody (D83.21) cross reacts with a membrane antigen expressed on cytomegalovirus–transformed human fibroblasts. Campbell AE, et al. **Prostate** 1985;6(2):205–15

Tissue polypeptide antigen (TPA) as a prognostic aid in human prostatic carcinoma. Lewenhaupt A, et al. **Prostate** 1985;6(3):285–91

Circulating immune complexes in patients with bladder cancer and other malignancies of the urogenital tract. Kobayashi K, et al. **Urol Int** 1984;39(4):232–5

Natural killer cell activity in patients with prostatic carcinoma and its in vivo boosting with bacillus Calmette–Guérin. Schwemmer B, et al. **Urol Int** 1984; 39(6):321–6

[Value of the search for specific prostatic antigens in fixed specimens] Stouffs M, et al. **Acta Urol Belg** 1984; 52(4):588–92 (Eng. Abstr.) **(Fre)**

[Tumor associated markers as organ–specific antigens of the human seminal plasma. II. Immunohistological studies] Dienst C, et al. **Z Hautkr** 1985 Jan;60(1–2):157–64 (Eng. Abstr.) **(Ger)**

[Tumor markers of prostate cancer––evaluation of serum PAP and PA] Miki M. **Gan No Rinsho** 1985 May;31(6 Suppl):664–9 (Eng. Abstr.) **(Jpn)**

[Prostate antigen as a tumor marker of prostate cancer. (1) Changes of prostate antigen values during anti–androgen therapy] Kuriyama M, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Aug 20;19(7):1481–7 (Eng. Abstr.) **(Jpn)**

[Studies on human natural killer (NK) cell activity against cell lines derived from malignant urinary tract tumors. Part 3: Effects of OK432 on human NK cell activity and proliferation of tumor cells] Hayakawa M, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jul;75(7):1124–33 (Eng. Abstr.) **(Jpn)**

[Tissue polypeptide antigen as a marker for prostatic neoplasms. Preliminary study] Ruibal A, et al. **Arch Esp Urol** 1984 Sep–Oct;37(5):399–403 (Eng. Abstr.) **(Spa)**

METABOLISM

Immunobiology of the Dunning R–3327 rat prostate adenocarcinoma sublines: plasma and tumor effusion prostaglandins. Shaw MW, et al. **Am J Reprod Immunol Microbiol** 1985 Jul;8(3):77–9

The synthesis of prostaglandins by the Nb rat prostate tumor. Drago JR, et al. **Anticancer Res** 1985 Jul–Aug;5(4):393–5

Inhibitory effects of selenium on the growth of DU–145 human prostate carcinoma cells in vitro. Webber MM, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):603–9

Identification of structural and secretory lectin–binding glycoproteins of normal and cancerous human prostate. Lad PM, et al. **Biochim Biophys Acta** 1984 Dec 7; 791(2):186–97

Plasminogen activator and nuclear androgen receptor in rat prostate tumors after treatment with D–Trp–6–LH–RH. Hierowski MT, et al. **Biomed Pharmacother** 1984; 38(6):297–303

A comparison of retinol binding in human hyperplastic and malignant prostate. Boyd D, et al. **Br J Cancer** 1985 Jun; 51(6):903–5

Androgen receptor binding activity in human prostate cancer. Benson RC Jr, et al. **Cancer** 1985 Jan 15;55(2):382–8

Systematic characterization of human prostatic fluid proteins with two–dimensional electrophoresis. Tsai YC, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2026–30

Sex steroid–binding protein in a subline of Dunning R 3327 prostatic adenocarcinoma of the rat. Kodama T, et al. **Endocrinol Jpn** 1984 Jun;31(3):301–9

Tissue plasminogen activator activity in prostatic cancer. Köller A, et al. **Eur Urol** 1984;10(6):389–94

Study of serum and urine hydroxyproline level of patients with prostatic cancer. Romics I, et al. **Eur Urol** 1984; 10(6):395–7

An inhibitor of urokinase and tissue plasminogen activators in Dunning R3327H prostate tumors of rats treated with D–Trp6–LH–RH. Hierowski MT, et al. **Horm Res** 1985; 21(2):124–35

Influence of orchidectomy or oestrogen treatment on serum levels of pregnancy associated alpha 2–glycoprotein and sex hormone binding globulin in patients with prostatic cancer. Carlström K, et al. **Int J Androl** 1985 Feb;8(1):21–7

Growth hormone and prostatic tumours: localization using a monoclonal human growth hormone antibody. Sibley PE, et al. **J Endocrinol** 1984 Dec;103(3):311–5

A comparison of estrogen and androgen receptor levels in human prostatic tissue from patients with non–metastatic and metastatic carcinoma and benign prostatic hyperplasia. Kirdani RY, et al. **J Steroid Biochem** 1985 May; 22(5):569–75

Characterization of estrogen–induced progestin binding in cytosol of the R3327 prostatic carcinoma of the rat. Mobbs BG, et al. **J Steroid Biochem** 1985 Jan;22(1):57–62

Qualitative analysis of Coomassie–blue–stained proteins from normal prostate, benign prostatic hypertrophy, or adenocarcinoma of the prostate, separated by two–dimensional protein electrophoresis. Anderson KM, et al. **Prostate** 1985;6(3):315–23

Endogenous phosphorylation in Dunning prostate tumors of rats treated with LH–RH analogues. Cehovic G, et al. **Prostate** 1984;5(6):605–11

Symposium regulation of androgen action, Montreal 1984. de Voogt HJ. **Urol Res** 1985;13(1):39–40

Determination of the distribution of zinc and cadmium in cellular fractions of BPH, normal prostate and prostatic cancers of different histologies by atomic and laser absorption spectrometry in tissue slices. Feustel A, et al. **Urol Res** 1984;12(5):253–6

[Estracyt (estradiol–nitrogen mustard complex)––estramustine binding protein and its specificity] Yamanaka H, et al. **Gan To Kagaku Ryoho** 1984 Oct; 11(10):2106–14 (Eng. Abstr.) **(Jpn)**

MICROBIOLOGY

Immunofluorescent evidence of prior herpes simplex virus type–2 infection in prostate carcinoma. Haid M, et al. **Urology** 1984 Dec;24(6):623–5

MORTALITY

Cancer of the prostate. Do younger men have a poorer survival rate? Wilson JM, et al. **Br J Urol** 1984 Aug; 56(4):391–6

Epidemiologic study of prostate cancer in Oklahoma. Six–year review, 1975–1980. Odunze EE, et al. **J Okla State Med Assoc** 1985 May;78(5):139–42

Survival with localized carcinoma: radical prostatectomy vs radiation therapy. Conant JK, et al. **Urology** 1985 Apr; 25(4):347–9

[Epidemiology and etiology of prostate cancer] Hoffmann L, et al. **Z Gesamte Hyg** 1985 Apr;31(4):221–3 (Eng. Abstr.) **(Ger)**

OCCURRENCE

Prostate cancer in Illinois. Guinan PD, et al. **IMJ** 1984 Nov; 166(5):341–5

The contribution of subclinical cancer to Denver's high prostatic cancer incidence rate. Beckner M, et al. **J Chronic Dis** 1985;38(3):225–31

Review: prostate cancer epidemiology. Flanders WD. **Prostate** 1984;5(6):621–9 (73 ref.)

[Latent prostatic carcinoma––an autopsy study of men over 50 years of age] Schütze U. **Zentralbl Allg Pathol** 1984; 129(4):357–64 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Carcinosarcoma of the prostate. Hokamura K, et al. **Acta Pathol Jpn** 1985 Mar;35(2):481–7

Prostatic carcinoma reproducibility of histologic grading. Svanholm H, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1985 Mar; 93(2):67–71

A medieval case of metastasizing carcinoma with multiple osteosclerotic bone lesions. Tkocz I, et al. **Am J Phys Anthropol** 1984 Dec;65(4):373–80

The effect of prostaglandin modulators on prostate tumor growth and metastasis. Drago JR, et al. **Anticancer Res** 1984 Nov–Dec;4(6):391–4

Metastatic prostate carcinoma manifesting as penile nodules. Powell FC, et al. **Arch Dermatol** 1984 Dec;120(12):1604–6

1,10–Phenanthroline reversibility inhibits proliferation of two human prostate carcinoma cell lines (PC–3 and DU145). Ware JL, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):538–43

Influence of tumour size on human prostate tumour metastasis in athymic nude mice. Ware JL, et al. **Br J Cancer** 1985 Mar;51(3):419–23

Serial prostatic histology. A valid marker of response to hormone treatment. Bishop MC, et al. **Br J Urol** 1985 Aug; 57(4):453–7

Testicular metastasis from carcinoma of the prostate. Blacklock AR. **Br J Urol** 1984 Apr;56(2):221–2

Incidental carcinoma of the prostate: treatment selection by second–look TURP. Ford TF, et al. **Br J Urol** 1984 Dec; 56(6):682–6

Embryonal rhabdomyosarcoma of the prostatic–urethral region in an adult. Keenan DJ, et al. **Br J Urol** 1985 Apr; 57(2):241

Carcinoma of the prostate of ductal origin. Lemberger RJ, et al. **Br J Urol** 1984 Dec;56(6):706–9

Well differentiated carcinoma of the prostate seeding a perineal needle biopsy tract. Warden SS, et al. **Br J Urol** 1984 Aug;56(4):436

Argyrophilic prostatic carcinoma. Case report with literature review on prostatic carcinoid and 'carcinoid–like' prostatic carcinoma. Almagro UA. **Cancer** 1985 Feb 1;55(3):608–14

Adenocarcinoma of prostate presenting as brain metastasis. Baumann MA, et al. **Cancer** 1984 Oct 15;54(8):1723–5

An atypical fibromyxoid tumor of the prostate. Hafiz MA, et al. **Cancer** 1984 Dec 1;54(11):2500–4

Ductal spread in prostatic carcinoma. Kovi J, et al. **Cancer** 1985 Oct 1;56(7):1566–73

Multiple primary tumors in association with prostatic cancer. Liskow AS, et al. **Cancer** 1984 Dec 1;54(11):2549–55

Myosarcomas of the bladder and prostate. Mackenzie AR, et al. **Cancer** 1968 Oct;22(4):833–44

Metastatic patterns of prostatic cancer. Correlation between sites and number of organs involved. Saitoh H, et al. **Cancer** 1984 Dec 15;54(12):3078–84

Relationship between DNA ploidy, glandular differentiation, and tumor spread in human prostate cancer. Frankfurt OS, et al. **Cancer Res** 1985 Mar;45(3):1418–23

The aging ACI/Seg versus Copenhagen male rat as a model system for the study of prostatic carcinogenesis. Isaacs JT. **Cancer Res** 1984 Dec;44(12 Pt 1):5785–96

Hormone dependency of a serially transplantable human prostatic cancer (HONDA) in nude mice. Ito YZ, et al. **Cancer Res** 1985 Oct;45(10):5058–63

Tumor progression in serial passages of the Dunning R3327–G rat prostatic adenocarcinoma: growth rate response to endocrine manipulation. Pollack A, et al. **Cancer Res** 1985 Mar;45(3):1052–7

Enzyme activities in prostatic carcinoma related to Gleason grades. Pretlow TG 2d, et al. **Cancer Res** 1985 Jan; 45(1):442–6

Control of growth, morphology, and alkaline phosphatase activity by butyrate and related short–chain fatty acids in the retinoid–responsive 9–1C rat prostatic adenocarcinoma cell. Reese DH, et al. **Cancer Res** 1985 May;45(5):2308–13

The application of perpendicular and forward light scatter to assess nuclear and cellular morphology. Benson MC, et al. **Cytometry** 1984 Sep;5(5):515–22

A case of bilateral Wilms' tumour of the kidneys and the retrourethral region. Shimao S, et al. **Eur J Pediatr** 1984 Dec;143(2):158–60

Transitional cell carcinoma of the prostate. Algaba F, et al. **Eur Urol** 1985;11(2):87–90

Factors influencing phenotypic diversity of human prostate carcinoma cells metastasizing in athymic nude mice. Ware JL, et al. **Exp Cell Biol** 1985;53(3):163–9

Carcinoma of the prostate: the treatment of bone metastases by radioactive phosphorus (32P). Ariel IM, et al. **Int Surg** 1985 Jan–Mar;70(1):63–6

Nb rat prostate adenocarcinoma model: evaluation of the subrenal capsular assay system. Drago JR, et al. **J Surg Oncol** 1985 Apr;28(4):270–2

Metastasis in the androgen–insensitive Nb rat prostatic carcinoma system. Drago JR, et al. **J Surg Oncol** 1985 Apr; 28(4):252–6

Incidental carcinoma of the prostate: significance of staging transurethral resection. Carroll PR, et al. **J Urol** 1985 May; 133(5):811–4

Preoperative lymph node evaluation in prostatic cancer patients who are surgical candidates: the role of lymphangiography and computerized tomography scanning with directed fine needle aspiration. Flanigan RC, et al. **J Urol** 1985 Jul;134(1):84–7

Prostatic biopsy in selected patients with carcinoma in situ of the bladder: preliminary report. Grabstald H. **J Urol** 1984 Dec;132(6):1117–8

Differential effects of prolactin on rat dorsolateral prostate and R3327 prostatic tumor sublines. Johnson MP, et al. **J Urol** 1985 Jun;133(6):1112–20

Grade 2 urethroprostatic papillary urothelial carcinoma with positive urinary cytology. Mincione GP, et al. **J Urol** 1985 Jun;133(6):1038–9

Staging errors in prostatic cancer. Ray P, et al. **J Urol** 1984 Dec;132(6):1125–6

Re: In vitro characterization of Mat LyLu: a Dunning rat prostate adenocarcinoma tumor subline [letter] Shaw MW, et al. **J Urol** 1985 Apr;133(4):691–2

Implications of volume of nodal metastasis in patients with adenocarcinoma of the prostate. Smith JA Jr, et al. **J Urol** 1985 Apr;133(4):617–9

Endometrial carcinoma of the prostatic utricle: a tumor of prostatic origin. Walther MM, et al. **J Urol** 1985 Oct;134(4):769–73

Unusual clinical presentation of metastatic prostatic carcinoma in elderly patients. Mukamel E, et al. **J Urol (Paris)** 1984;90(5):367–8

Race, socioeconomic status, and other prognostic factors for survival from prostate cancer. Dayal HH, et al. **JNCI** 1985 May;74(5):1001–6

Retardation of prostate tumor progression in the Noble rat by 4-methyl-4-aza-steroidal inhibitors of 5 alpha-reductase. Kadohama N, et al. **JNCI** 1985 Feb;74(2):475–86

Histopathology of prostate carcinoma. Diagnosis and differential diagnosis. Dhom G. **Pathol Res Pract** 1985 Jan;179(3):277–303

Reliability of cytological grading of prostatic carcinoma compared with histological grading. Yatani R, et al. **Pathol Res Pract** 1985 Jul;180(1):68–73

Adenoid cystic carcinoma of prostate. Report of a case. Chan SS, et al. **Pathology** 1984 Jul;16(3):337–8

Single case report of prostate adenocarcinoma in a dog castrated three months previously. Morphological, biochemical, and endocrine determinations. Dubé JY, et al. **Prostate** 1984;5(5):495–501

Surgical staging in carcinoma of the prostate: the RTOG experience. Radiation Therapy Oncology Group. Pilepich MV, et al. **Prostate** 1984;5(5):471–6

Grading of prostatic cancer (I): An analysis of the prognostic significance of single characteristics. Schroeder FH, et al. **Prostate** 1985;6(1):81–100

Elastosis in malignant tumours. Isaacson C, et al. **S Afr Med J** 1985 Jul 6;68(1):30–2

Bone scintigraphy and serum phosphatases in the detection and follow-up of bone metastases in prostatic cancer. Liewendahl K, et al. **Scand J Urol Nephrol** 1984;18(3):181–5

Fine-needle aspiration biopsy of the prostate gland: technique and review of the literature. Ljung BM. **Semin Urol** 1985 Feb;3(1):18–26

Rhabdomyosarcoma of the prostate––report of a case with an immunohistochemical study of the neoplastic rhabdomyoblast. Tamauchi H, et al. **Tokai J Exp Clin Med** 1984 Oct;9(4):323–9

Prostatic cancer: prognostic criteria. Chisholm GD. **Turk J Pediatr** 1984;26(1–4):265–6 (3 ref.)

Signet-ring cell carcinoma of the bladder and the prostate. Report of 4 cases. Kums JJ, et al. **Urol Int** 1985;40(2):116–9

Reliability of Gleason grading system in comparing prostate biopsies with total prostatectomy specimens. Babaian RJ, et al. **Urology** 1985 Jun;25(6):564–7

Epididymal metastasis from prostatic carcinoma. Bahnson RR, et al. **Urology** 1985 Sep;26(3):296–7

Malignant fibrous histiocytoma of prostate gland. Bain GO, et al. **Urology** 1985 Jul;26(1):89–91

Pelvic lymph node dissection in prostate cancer. Guinan P, et al. **Urology** 1984 Dec;24(6):540–3

Small-cell carcinoma of prostate. Transient complete remission with chemotherapy. Hindson DA, et al. **Urology** 1985 Aug;26(2):182–4

Prostatic mucinous adenocarcinoma. Hsueh Y, et al. **Urology** 1984 Dec;24(6):626–7

Experience with modified Chiba needle in staging of genitourinary tumors. Luciani L, et al. **Urology** 1985 Jun;25(6):568–72

Staging lymphadenectomy should be an antecedent to treatment in localized prostatic carcinoma. Olsson CA. **Urology** 1985 Feb;25(2 Suppl):4–6

Staging lymphadenectomy should not be an antecedent to treatment in localized prostatic carcinoma. Paulson DF. **Urology** 1985 Feb;25(2 Suppl):7–14

Prostatic chondroma. Sloan SE, et al. **Urology** 1985 Mar;25(3):319–21

Gleason grading of prostate cancer: a predictor of survival. Sogani PC, et al. **Urology** 1985 Mar;25(3):223–7

Triple synchronous genitourinary malignancies of dissimilar histogenesis. Wentworth SA, et al. **Urology** 1985 Mar;25(3):313

[Carcinoid tumor of the prostate. A new anatomoclinical case and review of the literature] Dauge MC, et al. **Arch Anat Cytol Pathol** 1985;33(2):73–9 (Eng. Abstr.) **(Fre)**

[Morphological and histomorphometric study of bone and bone marrow metastases of prostatic adenocarcinoma] Cambon C, et al. **Rev Rhum Mal Osteoartic** 1984 Dec 15;51(11):643–50 **(Fre)**

[Prostate diagnosis––is cytology enough?] Knönagel H, et al. **Helv Chir Acta** 1984 Oct;51(3–4):433–5 (Eng. Abstr.) **(Ger)**

[DNA oriented automated malignancy diagnosis and malignancy grading in prostatic cancer] Seppelt U, et al. **Urol Int** 1985;40(2):76–81 (Eng. Abstr.) **(Ger)**

[Classification, histologic and cytologic grading and regression grading of prostate cancer] Helpap B, et al. **Urologe [A]** 1985 May;24(3):156–9 (Eng. Abstr.) **(Ger)**

[Malignant fibrous histiocytoma of the prostate capsule] Heising J, et al. **Urologe [Ausg A]** 1985 Mar;24(2):118–21 (Eng. Abstr.) **(Ger)**

[Histomorphologic studies of prostate biopsies, prostatectomy preparations and lymph node metastases in prostatic cancer] Schubert J, et al. **Z Urol Nephrol** 1984 Sep;77(9):521–8 (Eng. Abstr.) **(Ger)**

[Correlation between dysplastic lesions and latent cancers of the prostate. An analysis of 100 autopsies] Schütze U. **Z Urol Nephrol** 1984 Sep;77(9):529–35 (Eng. Abstr.) **(Ger)**

[Unusual features in a patient with both transitional cell carcinoma and adenocarcinoma of the prostate] Savion M, et al. **Harefuah** 1985 Feb 15;108(4):189–90 (Eng. Abstr.) **(Heb)**

[Transrectal prostatic cytology using needle aspiration. Review of 832 cases] Perugia G, et al. **Minerva Urol Nefrol** 1984 Jan–Mar;36(1):5–8 (Eng. Abstr.) **(Ita)**

[Clinicopathological study of latent carcinoma––with special reference to prostatic cancer] Moriwaki S, et al. **Gan No Rinsho** 1985 Jun;31(7):847–53 (Eng. Abstr.) **(Jpn)**

[An autopsy case of alveolar rhabdomyosarcoma of the prostate] Okamoto T, et al. **Gan No Rinsho** 1985 Mar;31(3):350–3 (Eng. Abstr.) **(Jpn)**

[Atypical hyperplasia and latent carcinoma of the prostate as an early stage of carcinoma] Yatani R, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):714–9 (Eng. Abstr.) **(Jpn)**

[A study of transrectal aspiration biopsy of the prostate] Fujioka T, et al. **Hinyokika Kiyo** 1984 Sep;30(9):1189–94 (Eng. Abstr.) **(Jpn)**

[Hemangiopericytoma of the prostate: a case report] Ishiguro K, et al. **Hinyokika Kiyo** 1984 Jul;30(7):931–4 (Eng. Abstr.) **(Jpn)**

[A case of Sertoli cell tumor of the testis with prostatic cancer] Watanabe Y, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jul;75(7):1161–7 (Eng. Abstr.) **(Jpn)**

[Complications of puncture biopsy of the prostate] Musierowicz A, et al. **Pol Tyg Lek** 1984 Jul 9;39(28):961–2 (Eng. Abstr.) **(Pol)**

[Unique papillary cystadenocarcinoma of the prostate with endocrine cells] Samsonov VA. **Arkh Patol** 1985;47(1):72–5 (Eng. Abstr.) **(Rus)**

[In vitro models for research on cell differentiation and malignant degeneration in the human prostate] Bozhok IuM, et al. **Eksp Onkol** 1985;7(1):15–21 (67 ref.) (Eng. Abstr.) **(Rus)**

[Multiple primary tumors complicating prostatic cancer] Samsonov VA. **Vopr Onkol** 1985;31(1):101–5 (Eng. Abstr.) **(Rus)**

[Clinico-morphological characteristics of transitional cell carcinoma of the prostate] Samsonov VA. **Vopr Onkol** 1985;31(4):66–70 (Eng. Abstr.) **(Rus)**

[Cellular kinetics and oncologic physiopathology in prostatic carcinoma] Daponte DP. **Actas Urol Esp** 1984 Jul–Aug;8(4):253–8 (Eng. Abstr.) **(Spa)**

[Comparative study between acid phosphatases and bone gammagraphy in cancer of the prostate] González Martín M, et al. **Actas Urol Esp** 1985 Jan–Feb;9(1):83–8 (Eng. Abstr.) **(Spa)**

[Tumor markers in cancer of the prostate] Nogueira March JL, et al. **Actas Urol Esp** 1985 Jan–Feb;9(1):79–82 (Eng. Abstr.) **(Spa)**

[Estimation of the size of the prostate by transabdominal ultrasonography] Arap S, et al. **Arch Esp Urol** 1984 Dec;37 Suppl 1:609–12 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Sex ratio of offspring of patients with prostatic cancer. Hill GB, et al. **Can Med Assoc J** 1985 Sep 15;133(6):567–71

The contribution of animal models to the understanding of endocrine management of prostate cancer. Effect of androgen and estrogen. Rao BR. **Prog Clin Biol Res** 1985;185A:3–21

Human prostate cancer (PC-82) in nude mice: a model to study androgen regulated tumor growth. van Steenbrugge GJ, et al. **Prog Clin Biol Res** 1985;185A:23–50

PREVENTION & CONTROL

Preventive and enhancing effects of retinoids on the development of naturally occurring tumors of skin, prostate gland, and endocrine pancreas in aged male ACI/segHapBR rats. Ohshima M, et al. **JNCI** 1985 Feb;74(2):517–24

RADIOGRAPHY

Computed tomography of prostatic and bladder rhabdomyosarcomas. Baker ME, et al. **J Comput Assist Tomogr** 1985 Jul–Aug;9(4):780–3

Advanced prostatic carcinoma: pulmonary manifestations. Apple JS, et al. **Radiology** 1985 Mar;154(3):601–4

[The role of computerized tomography in the diagnosis and treatment planning of prostatic cancer] Rotte KH, et al. **Z Urol Nephrol** 1984 Sep;77(9):513–20 (Eng. Abstr.) **(Ger)**

[Analysis of arteriographic findings of prostatic cancer according to tumor size classification] Maruoka M, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Sep;75(9):1437–43 (Eng. Abstr.) **(Jpn)**

[Lymphography in cancer of the prostate] Tsyb AF, et al. **Med Radiol (Mosk)** 1985 Jun;30(6):27–30 (Eng. Abstr.) **(Rus)**

[Transrectal contrast prostatography in the differential diagnosis of prostatic adenoma and prostatic cancer] Bullov VM, et al. **Vestn Rentgenol Radiol** 1985 May–Jun;(3):66–70 (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

Positive In-111 white cell scan in a patient with multiple metastases. Kipper MS, et al. **Clin Nucl Med** 1985 Feb;10(2):86–9

Bony expansion in skeletal metastases from carcinoma of the prostate as seen by bone scintigraphy. Resnik CS, et al. **South Med J** 1984 Oct;77(10):1331–5

Quantitative bone scan and bone metastases in prostatic cancer. Grob JC, et al. **Urol Int** 1985;40(1):45–7

[The usefulness of bone marrow scintigraphy in the detection of bone metastasis from prostatic cancer] Otsuka N, et al. **Kaku Igaku** 1985 Feb;22(2):169–76 (Eng. Abstr.) **(Jpn)**

RADIOTHERAPY

I-125 implant and supervoltage irradiation for treatment of T0-2 or T3 carcinoma of the prostate. The impact of invasion beyond the prostatic capsule and minimal nodal involvement. Abadir R, et al. **Am J Clin Oncol** 1984 Dec;7(6):713–7

Potential for radiotherapy alone in prostatic cancer. Bagshaw MA. **Cancer** 1985 May 1;55(9 Suppl):2079–85

The need for complex technology in radiation oncology. Correlations of facility characteristics and structure with outcome. Hanks GE, et al. **Cancer** 1985 May 1;55(9 Suppl):2198–201

Acute and delayed side effects of definitive pelvic irradiation for urologic cancer. Percarpio B. **Conn Med** 1984 Aug;48(8):497–500

ASTRO 1984 Presidential Address. Optimizing the radiation treatment and outcome of prostate cancer. Hanks GE. **Int J Radiat Oncol Biol Phys** 1985 Jul;11(7):1235–45

Patterns of care studies: dose-response observations for local control of adenocarcinoma of the prostate. Hanks GE, et al. **Int J Radiat Oncol Biol Phys** 1985 Jan;11(1):153–7

Use of ultrasound scan in prostatic I-125 implantation. Kim RY, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct;10(10):1971–3

Fast neutron radiotherapy for locally advanced prostate cancer: results of an RTOG randomized study. Laramore GE, et al. **Int J Radiat Oncol Bioi Phys** 1985 Sep;11(9):1621–7

Combination of external beam irradiation and multiple-site perineal applicator (MUPIT) for treatment of locally advanced or recurrent prostatic, anorectal, and gynecologic malignancies. Martinez A, et al. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):391–8

A study of penile circulation before and after radiation in patients with prostate cancer and its effect on impotence. Mittal B. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1121–5

Treatment-related morbidity in phase III rtog studies of extended-field irradiation for carcinoma of the prostate. Pilepich MV, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct;10(10):1861–7

Postoperative irradiation in carcinoma of the prostate. Pilepich MV, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct;10(10):1869–73

Radiotherapy for prostate carcinoma: the JCRT experience (1968–1978). II. Factors related to tumor control and complications. Rosen E, et al. **Int J Radiat Oncol Biol Phys** 1985 Apr;11(4):723–30

Radiotherapy for localized prostate carcinoma. Rosen EM, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec;10(12):2201–10

Perineal implantation for prostatic malignancy [letter] Sandeman TF. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):1061

Intraoperative radiotherapy in the definitive treatment of localized carcinoma of the prostate. Takahashi M, et al. **Int J Radiat Oncol Biol Phys** 1985 Jan;11(1):147–51

Clinical problems associated with dosimetry of 125-iodine for cancer of the prostate. Abadir R, et al. **J Can Assoc Radiol** 1984 Sep;35(3):250–3

Radical external beam radiation therapy for prostate carcinoma. Garrett PG, et al. **J Can Assoc Radiol** 1984 Jun;35(2):139–43

External beam irradiation for prostate cancer: the MBMC experience and a literature review. Reagan MT, et al. **J Miss State Med Assoc** 1984 Dec;25(12):324–7

Radiation therapy in carcinoma of the prostate: a contributing cause of urinary incontinence. Kaufman JJ, et al. **J Urol** 1984 Nov;132(5):998–9

External beam radiation salvage for residual or recurrent local tumor following radical prostatectomy. Ray GR, et al. **J Urol** 1984 Nov;132(5):926–30

Radical prostatectomy with adjuvant radioactive gold for prostatic cancer: a preliminary report. Rosenberg SJ, et al. **J Urol** 1985 Feb;133(2):225–7

The radiation sensitivities of R3327-H and R3327-AT rat prostate adenocarcinomas. Thorndyke C, et al. **J Urol** 1985 Jul;134(1):191–8

Tumor dose specification of I-125 seed implants. Wu A, et al. **Med Phys** 1985 Jan–Feb;12(1):27–31

Repeat pituitary ablation for advanced prostatic cancer. Khan O, et al. **Postgrad Med J** 1985 May;61(715):433–4

Radioactive iodine-125 implantation for cancer of the prostate. Nag S. **Prostate** 1985;6(3):293–301

External beam radiotherapy in cancer of the prostate. The University of Arizona experience. Aristizabal SA, et al. **Radiother Oncol** 1984 Mar;1(4):309–15

The lack of prognostic significance of biopsies after radiotherapy for prostatic cancer. Cox JD, et al. **Semin Urol** 1983 Nov;1(4):237–42

The prognostic significance of biopsies after radiotherapy for prostatic cancer. Scardino PT. **Semin Urol** 1983 Nov;1(4):243–52 (33 ref.)

Rectal temperature monitoring during neodymion-YAG laser irradiation for prostatic carcinoma. Beisland HO, et al. **Urol Res** 1984;12(5):257–9

Radiotherapy of prostatic carcinoma: long- or short-term efficacy (Stanford University experience). Bagshaw MA, et al. **Urology** 1985 Feb;25(2 Suppl):17–23

Acute toxicity and preliminary therapeutic results of pelvic lymphadenectomy combined with transperineal interstitial implantation of 192IR and external beam radiotherapy for locally advanced prostate cancer. Brindle JS, et al. **Urology** 1985 Mar;25(3):233–8

Prostate cancer: experience with definitive irradiation in the aged. Green N, et al. **Urology** 1985 Mar;25(3):228–32

Prostatic biopsy after irradiation therapy for prostatic cancer. Scardino PT, et al. **Urology** 1985 Feb;25(2 Suppl):39–46

Interstitial radiation: short-term palliation or curative therapy? Whitmore WF Jr, et al. **Urology** 1985 Feb;25(2 Suppl):24–9

[Value of radiotherapy in the treatment of cancer of the prostate] Van Houtte P, et al. **Rev Med Brux** 1984 Oct;5(8):533–9 (Eng. Abstr.) **(Fre)**

[Radiotherapy of prostatic cancer: staging and radiotherapy planning with transrectal ultrasound] Braun J, et al. **Urol Int** 1985;40(1):25–9 (Eng. Abstr.) **(Ger)**

[Radiotherapy of prostate carcinoma] Takahashi I, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Oct 20;19(9):2117–21 (Eng. Abstr.) **(Jpn)**

[Studies of heterotransplantation of transplantable human urogenital malignant neoplasms. Part VI. Radiation therapy of human urinary bladder cancer and human prostatic cancer transplantable to nude mice] Hasegawa J. **Nippon Hinyokika Gakkai Zasshi** 1985 Apr;76(4):467–72 (Eng. Abstr.) **(Jpn)**

[Interstitial radiotherapy of prostatic carcinoma using I-125] Garofalo FA, et al. **Arch Esp Urol** 1984 Dec;37 Suppl 2:667–73 (Eng. Abstr.) **(Spa)**

SECONDARY

Secondary tumors of the prostate. Zein TA, et al. **J Urol** 1985 Apr;133(4):615–6

Combined treatment with buserelin and cyproterone acetate in metastatic prostatic carcinoma [letter] Klign JG, et al. **Lancet** 1985 Aug 31;2(8453):493

Oat cell carcinoma of lung masquerading as prostatic carcinoma. Hodge GB Jr, et al. **Urology** 1985 Jan;25(1):69–70

[Aminoglutethimide in the treatment of advanced prostatic cancer] Bauer HW, et al. **Urologe [Ausg A]** 1985 Jan;24(1):46–8 (Eng. Abstr.) **(Ger)**

SURGERY

Cryosurgery of prostatic carcinoma. Debruyne FM, et al. **Acta Urol Belg** 1984;52(3):450–5

Radical prostatectomy in the management of localised carcinoma of the prostate. Smith JM, et al. **Br J Urol** 1984 Dec;56(6):690–3

Prostatic carcinoma [letter] **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1824–5

Prostatic carcinoma [editorial] Kirk D. **Br Med J [Clin Res]** 1985 Mar 23;290(6472):875–6

The effect of transurethral prostatic resection on the incidence of osseous prostatic metastasis. Kuban DA, et al. **Cancer** 1985 Aug 15;56(4):961–4

Operable prostatic carcinoma: correlations among clinical stage, pathological stage, gleason histological score and early disease-free survival. Fowler JE Jr, et al. **J Urol** 1985 Jan;133(1):49–52

Salvage surgery following radical radiotherapy for adenocarcinoma of the prostate. Mador DR, et al. **J Urol** 1985 Jan;133(1):58–60

Blood transfusion and anesthetic practices in radical retropubic prostatectomy. Peters CA, et al. **J Urol** 1985 Jul;134(1):81–3

The efficacy of androgen deprivation in the management of stage D-2 adenocarcinoma of the prostate. Domina AH. **Nebr Med J** 1985 Jul;70(7):241

Radical surgery for stage D1 prostate cancer. Zincke H, et al. **Semin Urol** 1983 Nov;1(4):253–60 (23 ref.)

Transurethral resection in prostatic cancer. Barlas G. **Turk J Pediatr** 1984;26(1–4):109–17

Radical prostatectomy for stage A2 and B prostatic carcinoma. Operative experience. Fowler JE Jr. **Urology** 1985 Jul;26(1):1–3

Pelvic lymphadenectomy for carcinoma of prostate. Narayana AS, et al. **Urology** 1985 Aug;26(2):109–11

Surgical management of Stage B or C prostatic carcinoma: radical surgery vs radiotherapy. Olsson CA, et al. **Urology** 1985 Feb;25(2 Suppl):30–5

Radical excision of adenocarcinoma of prostate with pelvic lymph node involvement: surgical gesture or curative procedure. Utz DC. **Urology** 1984 Nov;24(5 Suppl):4–11

Bilateral pelvic lymphadenectomy and radical retropubic prostatectomy for Stage C adenocarcinoma of prostate. Zincke H, et al. **Urology** 1984 Dec;24(6):532–9

[Transurethral resection of the prostate. Our experience in a series of 244 cases. Mid-term results] Bringer JP, et al. **Ann Urol (Paris)** 1984 Feb;18(1):33–7 (Eng. Abstr.) **(Fre)**

[Vesicoprostatic sarcomas] Colombeau P, et al. **Ann Urol (Paris)** 1984 May;18(3):200–3 (Eng. Abstr.) **(Fre)**

[Partial pelvic ischemia as an aid in radical prostatovesiculectomy] Ausfeld R, et al. **Helv Chir Acta** 1984 Oct;51(3–4):447–8 (Eng. Abstr.) **(Ger)**

[Complications of radical prostatectomy] Frohmüller H, et al. **Urologe [A]** 1985 May;24(3):142–7 (Eng. Abstr.) **(Ger)**

[Transurethral punch resection of the prostate (cold punch). Results and complications] Frohmüller H, et al. **Urologe [A]** 1985 Jul;24(4):184–8 (Eng. Abstr.) **(Ger)**

[Complications in 266 total prostatectomies] Zoedler D, et al. **Urologe [A]** 1985 May;24(3):148–9 **(Ger)**

[Radical prostatovesiculectomy in the treatment of prostate cancer. Indications, operative technic and personal results] Hoffmann L, et al. **Zentralbl Chir** 1984;109(23):1482–91 (Eng. Abstr.) **(Ger)**

[Transurethral prostatic resection and cryotherapy] Rouvalis P, et al. **Minerva Urol Nefrol** 1984 Apr–Jun;36(2):93–6 (Eng. Abstr.) **(Ita)**

[Cryoprostatectomy of prostatic tumors] Hikichi Y. **Gan No Rinsho** 1985 May;31(6 Suppl):721–8 (Eng. Abstr.) **(Jpn)**

[Primary squamous cell carcinoma of the prostate: a case report] Okamura K, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jun;75(6):979–83 (Eng. Abstr.) **(Jpn)**

[Errors, hazards and complications in transurethral operations (prostatic and bladder tumors)] Astaf'ev VV. **Urol Nefrol (Mosk)** 1985 Mar–Apr;(2):63–8 (80 ref.) **(Rus)**

THERAPY

Metastatic prostate cancer: hormone dependency and therapeutic efficacy of GnRH analogues. Tolis G, et al. **Acta Endocrinol [Suppl] (Copenh)** 1984;265:22–3

Carcinoma of the prostate with soft tissue or non-regional lymphatic metastases at the time of diagnosis: a review of 47 cases. Saeter G, et al. **Br J Urol** 1984 Aug;56(4):385–90

Long term treatment with luteinising hormone releasing hormone agonists and maintenance of serum testosterone to castration concentrations. Labrie F, et al. **Br Med J [Clin Res]** 1985 Aug 10;291(6492):369–70

Prognostic factors in patients with advanced stage prostate cancer. Emrich LJ, et al. **Cancer Res** 1985 Oct;45(10):5173–9

Leiomyosarcoma of the prostate. Mottola A, et al. **Eur Urol** 1985;11(2):131–3

Prostate cancer: toward more rational therapy [editorial] Vaughan WP. **Geriatrics** 1985 Jul;40(7):16

Pelvic lymphadenectomy combined with transperineal interstitial implantation of iridium-192 and external beam radiotherapy for locally advanced prostatic carcinoma: technical description. Martinez A, et al. **Int J Radiat Oncol Biol Phys** 1985 Apr;11(4):841–7

Combination of 60Co gamma-radiation, misonidazole, and maltose tetrapalmitate in the treatment of Dunning prostatic tumor in the rat. Pageau R, et al. **Int J Radiat Oncol Biol Phys** 1985 Aug;11(8):1483–7

Observations on the hormonal response of metastatic prostatic carcinoma. Forrest JB. **J Okla State Med Assoc** 1985 Apr;78(4):104–5

Hormonal therapy of prostatic cancer [editorial] Brendler CB. **J Urol** 1985 Apr;133(4):650–1

Re: Radiation therapy in carcinoma of the prostate: a contributing cause of urinary incontinence [letter] Lange PH, et al. **J Urol** 1985 Jul;134(1):156

Effectiveness of castration versus intravenous estrogen therapy in producing rapid endocrine control of metastatic cancer of the prostate. Maatman TJ, et al. **J Urol** 1985 Apr;133(4):620–1

Treatment of prostatic cancer: effects on serum lipoproteins and the cardiovascular system. Rössner S, et al. **J Urol** 1985 Jan;133(1):53–7

Testicular histology after prolonged treatment with a gonadotropin-releasing hormone analogue. Smith JA Jr, et al. **J Urol** 1985 Apr;133(4):612–4

Early orchiectomy for patients with stage D1 prostatic carcinoma. van Aubel OG, et al. **J Urol** 1985 Aug;134(2):292–4

New principles in the management of metastatic prostatic cancer. Isaacs JT. **Prog Clin Biol Res** 1985;185A:383–405

Orchidectomy and oestrogens as secondary forms of treatment for metastatic prostatic cancer. Klijn JG, et al. **Prog Clin Biol Res** 1985;185A:335–49

Androgen depletion/repletion in combination with chemotherapy: strategy for secondary treatment of metastatic prostatic cancer. Santen RJ, et al. **Prog Clin Biol Res** 1985;185A:359–71

Treatment of advanced cancer of the prostate. Chisholm GD. **Semin Surg Oncol** 1985;1(1):38–55 (109 ref.)

Prostate cancer research: current concepts and controversies. Benson MC, et al. **Semin Urol** 1983 Nov;1(4):323–30

Carcinoma of the prostate: delayed endocrine therapy is best. Cockburn AG. **Semin Urol** 1983 Nov;1(4):280–7 (77 ref.)

Radiation and chemotherapy for stage D1 prostate cancer. deVere White R. **Semin Urol** 1983 Nov;1(4):261–8 (17 ref.)

Carcinoma of the prostate: early endocrine therapy is best. Spirnak JP, et al. **Semin Urol** 1983 Nov;1(4):269–79 (123 ref.)

Prostatic cancer: endocrine treatment. Chisholm GD. **Turk J Pediatr** 1984;26(1–4):273–6

Prostatic cancer: the case for surveillance. Smith PH. **Turk J Pediatr** 1984;26(1–4):267–72

The effect of hormone therapy on peripheral blood leukocytic subset distribution in stage D prostatic cancer patients. Rubenstein M, et al. **Urol Res** 1985;13(2):67–71

Hormonal therapy: the benefits of postponed initiation. Cockburn AG. **Urology** 1984 Nov;24(5 Suppl):24–6

Nonsurgical management of patients with stage D1 adenocarcinoma of prostate: risks vs benefits. deVere White R. **Urology** 1984 Nov;24(5 Suppl):12–5

Primary transitional cell carcinoma of prostate. Nicolaisen GS, et al. **Urology** 1984 Dec;24(6):544–9

Management of metastatic prostatic cancer. Paulson DF. **Urology** 1985 Feb;25(2 Suppl):49–52

Hormonal therapy in prostatic carcinoma. Resnick MI. **Urology** 1984 Nov;24(5 Suppl):18–23

Treatment options for localized prostate carcinoma. Klein FA. **Va Med** 1985 Jul;112(7):444–9 (38 ref.)

[Treatment of lower urinary tract and pelvic malignancies by the transcatheter chemotherapy of the gluteus inferior artery and by embolization of the internal iliac artery] Xu ZZ, et al. **Chung Hua Wai Ko Tsa Chih** 1985 May;23(5):284–5, 318 (Eng. Abstr.) **(Chi)**

[Hot flushes in men] Presl J. **Cesk Gynekol** 1984 Jul;49(6):455 **(Cze)**

[Current value of hormonotherapy in cancer of the prostate] Cilento A, et al. **Minerva Urol Nefrol** 1984 Oct–Dec;36(4):329–35 (Eng. Abstr.) **(Ita)**

[A case of giant prostate cancer] Fujimoto Y, et al. **Hinyokika Kiyo** 1984 Jul;30(7):925–30 (Eng. Abstr.) **(Jpn)**

[Studies of heterotransplantation of transplantable human urogenital malignant neoplasms. Part VII. Combined chemo-radiation therapy of human urinary bladder cancer and human prostatic cancer transplantable to nude mice] Hasegawa J. **Nippon Hinyokika Gakkai Zasshi** 1985 Apr;76(4):473–82 (Eng. Abstr.) **(Jpn)**

[Prostatic cytoplasmic androgen receptor in prostatic disease. II. Correlation between clinical response to hormonal therapy and change of R1881 receptor content in prostatic cancer during antiandrogenic therapy] Kitano T. **Nippon Hinyokika Gakkai Zasshi** 1984 Jul;75(7):1098–108 (Eng. Abstr.) **(Jpn)**

[Care of patients with terminal cancer] Drøsdal H. **Tidsskr Nor Laegeforen** 1985 Jan 20;105(2):150–1 (Eng. Abstr.) **(Nor)**

[Prostatic adenocarcinoma. I. History of its treatment and study of its prognostic factors. Review of the literature] Valls Fontanals A, et al. **Actas Urol Esp** 1985 Mar–Apr;9(2):109–14 (43 ref.) (Eng. Abstr.) **(Spa)**

[Prostatic adenocarcinoma. III. Results of radical treatment. Review of the literature] Valls Fontanals A, et al. **Actas Urol Esp** 1985 Mar–Apr;9(2):121–6 (40 ref.) (Eng. Abstr.) **(Spa)**

ULTRASTRUCTURE

Nuclear roundness factor. A predictor of progression in untreated Stage A2 prostate cancer. Epstein JI, et al. **Cancer** 1984 Oct 15;54(8):1666–71

Endocrine-paracrine cells in prostatic carcinoma and clinical course of the disease. Bono AV, et al. **Eur Urol** 1985;11(3):195–8

Nuclear androgen receptor content in biopsy specimens from histologically normal, hyperplastic, and cancerous human prostatic tissue. van Aubel OG, et al. **Prostate** 1985;6(2):185–94

Malignant rhabdoid tumor of the prostatic region. Immunohistological and ultrastructural evidence for epithelial origin. Ekfors TO, et al. **Virchows Arch [A]** 1985;406(3):381–8

[Ultrastructural characteristics of hyperplastic and neoplastic epithelial cells from aspiration biopsies of the prostate] Topov Ia, et al. **Khirurgiia (Sofiia)** 1984;37(5):385–90 (Eng. Abstr.) **(Bul)**

[Morphologic and cell kinetic studies of prostate cancers. Contribution to grading] Helpap B. **Urol Int** 1985;40(1):36–42 (Eng. Abstr.) **(Ger)**

URINE

Calcium excretion in metastatic prostatic carcinoma. Grainger R, et al. **Br J Urol** 1984 Dec;56(6):687–9

VETERINARY

Prostatic adenocarcinoma in a castrated dog. Evans JE Jr, et al. **J Am Vet Med Assoc** 1985 Jan 1;186(1):78–80

Prostatic carcinoma in a rhesus monkey (Macaca mulatta). Hubbard GB, et al. **Vet Pathol** 1985 Jan;22(1):88–90

PROSTATITIS

Managing prostatitis: practical aspects of antibiotic therapy. Proceedings of a symposium, annual meeting of the North Central Section of the American Urological Association. Maui, Hawaii, November 4, 1983. **Urology** 1984 Dec;24(6 Suppl):1–16

Prostatitis, prostatosis, and prostatodynia. Orland SM, et al. **Urology** 1985 May;25(5):439–59 (114 ref.)

COMPLICATIONS

Infertility and chronic prostatitis. Giamarellou H, et al. **Andrologia** 1984 Sep–Oct;16(5):417–22

Urodynamic evaluation of bladder neck obstruction in chronic prostatitis. Murnaghan GF, et al. **Br J Urol** 1984 Dec;56(6):713–6

Chronic prostatitis in spinal cord injury patients. Wyndaele JJ. **Paraplegia** 1985 Jun;23(3):164–9

Ureaplasmal infections of the male urogenital tract, in particular prostatitis, and semen quality. Weidner W, et al. **Urol Int** 1985;40(1):5–9

[Treatment of the sexual disorders in chronic prostatitis with the preparation Undestor] Tsvetkov D, et al. **Akush Ginekol (Sofiia)** 1984;23(6):529–31 (Eng. Abstr.) **(Bul)**

DIAGNOSIS

Trichomonas vaginalis, a pathogen of prostatitis. van Laarhoven PH. **Arch Chir Neerl** 1967;19(3):263–73

Diagnosis and treatment of prostatitis. Crawford ED. **Hosp Pract [Off]** 1985 Sep 30;20(9A):77–80, 84–8

If only I had seen him ... Avery JK. **J Tenn Med Assoc** 1985 Mar;78(3):161

[Prostatitis diagnosis. Studies on objectivation and differential diagnosis of various forms of prostatitis] Weidner W. **Fortschr Med** 1984 Nov 22;102(43):1113–6 (Eng. Abstr.) **(Ger)**

[Chronic prostatitis] Kan DW. **Z Urol Nephrol** 1985 Jan; 78(1):27–32 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

Minocycline in chronic abacterial prostatitis: a double-blind prospective trial. Simmons PD, et al. **Br J Urol** 1985 Feb; 57(1):43–5

Intraprostatic concentration of ciprofloxacin and its activity against urinary pathogens. Hoogkamp-Korstanje JA, et al. **J Antimicrob Chemother** 1984 Dec;14(6):641–5

Pseudomembranous colitis following treatment of chronic prostatitis. Biggers RD. **Milit Med** 1985 Mar;150(3):154–5

[Treatment of chronic prostatitis with the preparation sulfalene] Minkov N, et al. **Akush Ginekol (Sofiia)** 1984; 23(6):525–9 (Eng. Abstr.) **(Bul)**

[Norfloxacin treatment of acute cystitis in the female and bacterial prostatitis] Bischoff W. **Fortschr Med** 1985 Feb 28;103(8):225–8 (Eng. Abstr.) **(Ger)**

[Use of cefoxitin in urology] Tizzani A, et al. **Minerva Urol Nefrol** 1984 Apr–Jun;36(2):139–43 (Eng. Abstr.) **(Ita)**

[Clinical application of PPC for nonspecific chronic prostatitis] Okada S, et al. **Hinyokika Kiyo** 1985 Jan; 31(1):179–85 (Eng. Abstr.) **(Jpn)**

[Laboratory and clinical study of ofloxacin in the treatment of bacterial prostatitis] Suzuki K, et al. **Hinyokika Kiyo** 1984 Oct;30(10):1505–18 (Eng. Abstr.) **(Jpn)**

[The effectiveness of a combination of trimethoprim plus rifampicin and local injection of antibiotics into the prostate in chronic bacterial prostatitis] Yamamoto M, et al. **Hinyokika Kiyo** 1985 Mar;31(3):441–8 (Eng. Abstr.) **(Jpn)**

[The investigation of prostatic fluid and tissue levels of DL-8280 and clinical study of DL-8280 in acute prostatitis] Hara S, et al. **Kansenshogaku Zasshi** 1984 Sep;58(9):921–31 (Eng. Abstr.) **(Jpn)**

[Chronic prostatitis] Pavone-Macaluso M, et al. **Arch Esp Urol** 1984 Dec;37 Suppl 2:689–700 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Experimental autoimmune prostatitis after neonatal thymectomy in the mouse. Taguchi O, et al. **Clin Exp Immunol** 1985 Apr;60(1):123–9

Is Chlamydia trachomatis a cause of prostatitis? [editorial] Schachter J. **J Urol** 1985 Oct;134(4):711

Coccidioidomycosis of prostate. Chen KT, et al. **Urology** 1985 Jan;25(1):82–4

Stress cause of prostatitis [letter] Rudnick DH. **Urology** 1985 Sep;26(3):320–1

FAMILIAL & GENETIC

Pi phenotypes in patients with ankylosing spondylitis, acute anterior uveitis, psoriasis and chronic prostatitis. Møller P, et al. **Clin Genet** 1984 Oct;26(4):339–41

METABOLISM

Calcium, zinc, magnesium, concentration in seminal plasma of infertile men with prostatitis. Ponchietti R, et al. **Acta Eur Fertil** 1984 Jul–Aug;15(4):283–5

Systematic characterization of human prostatic fluid proteins with two-dimensional electrophoresis. Tsai YC, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2026–30

The penetration of antibiotics into the prostate in chronic bacterial prostatitis [editorial] Barza M, et al. **Eur J Clin Microbiol** 1984 Dec;3(6):503–5

[Concentration of polyamines in the semen of healthy subjects and patients with chronic nonspecific prostatitis] Shamin GA, et al. **Urol Nefrol (Mosk)** 1985 Jan–Feb;(1):36–8 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Prostatitis: are the gram-positive organisms pathogenic? Jiménez-Cruz JF, et al. **Eur Urol** 1984;10(5):311–4

Isolation of Chlamydia trachomatis from the prostatic cells in patients affected by nonacute abacterial prostatitis. Poletti F, et al. **J Urol** 1985 Oct;134(4):691–3

[Value of indirect immunofluorescence and passive hemagglutination reactions in the detection of urogenital trichomoniasis] Brasseur P, et al. **Ann Biol Clin (Paris)** 1984; 42(5):343–8 (Eng. Abstr.) **(Fre)**

[Bacteriological findings in the seminal fluid of patients with chronic aspecific prostatitis and in healthy subjects] Frongillo RF, et al. **Minerva Urol Nefrol** 1984 Apr–Jun; 36(2):85–7 (Eng. Abstr.) **(Ita)**

PATHOLOGY

Prostatic malacoplakia. Matsumoto T, et al. **Urol Int** 1985; 40(1):10–2

[Nonspecific granulomatous prostatitis. Histopathological study of 53 cases with a review of the literature] Mbakop A, et al. **Schweiz Med Wochenschr** 1985 Apr 13; 115(15):522–5 (Eng. Abstr.) **(Fre)**

[Fertility and adnexitis in the male] Weidner W, et al. **Helv Chir Acta** 1984 Oct;51(3–4):357–62 (Eng. Abstr.) **(Ger)**

[A case of allergic granulomatous prostatitis] Ikemoto I, et al. **Hinyokika Kiyo** 1984 Dec;30(12):1851–9 (Eng. Abstr.) **(Jpn)**

RADIOTHERAPY

[Laser irradiation in chronic inflammatory diseases of the prostate] Danilova IN, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar–Apr; (2):43–5 (Eng. Abstr.) **(Rus)**

SURGERY

[Dysuria following transurethral electroresections of adenomas with concomitant prostatitis] Hak-Hagir A. **Urologe [Ausg A]** 1985 Mar;24(2):122–3 (Eng. Abstr.) **(Ger)**

THERAPY

Prostatitis: a matter of gravity [letter] Cohen JS. **Postgrad Med** 1985 Apr;77(5):53

[Mud therapy of chronic prostatitis in Pomoriye] Prodromov A, et al. **Akush Ginekol (Sofiia)** 1984;23(4):355–7 (Eng. Abstr.) **(Bul)**

[Complex treatment of patients with chronic prostatitis at the Truskavets health resort] Burkovskiĭ DV, et al. **Vrach Delo** 1985 Apr;(4):77–8 **(Rus)**

PROSTHESIS

see related
DENTAL PROSTHESIS
PALATAL OBTURATORS
PROSTHODONTICS

Fibre-endoscopic insertion of oesophageal tube for palliation in malignant oesophagogastric obstruction. Salo JA, et al. **Acta Chir Scand** 1985;151(4):341–4

Polyacryl prosthesis for cranioplasty--their production in silicon rubber casts. Alesch F, et al. **Acta Neurochir (Wien)** 1985;77(1–2):68–71

Endoscopically inserted endoprosthesis in inoperable biliary obstruction. Gabrielsson N, et al. **Acta Radiol [Diagn] (Stockh)** 1985 Jan–Feb;26(1):57–61

Polyurethane-covered silicone gel mammary prosthesis for successful breast reconstruction. Pennisi VR. **Aesthetic Plast Surg** 1985;9(2):73–7

Resolution of late-developing periprosthetic breast infections without prosthesis removal. Wilkinson TS, et al. **Aesthetic Plast Surg** 1985;9(2):79–85

Biliary endoprosthesis: yes or no? Coons HG, et al. **AJR** 1985 Aug;145(2):429–30

Robinson stainless steel stapes prosthesis: technique and results. Robinson M. **Am J Otol** 1985 Jan;6(1):72–3

Missing stapes and stapes-replacing prosthesis. Sadé J, et al. **Am J Otol** 1985 May;6(3):257–62

Personal experiences with TORPs and PORPs. A report on 455 operations. Sheehy JL. **Am J Otol** 1985 Jan;6(1):80–3

The sooner the better: a study of psychological factors in women undergoing immediate versus delayed breast reconstruction. Schain WS, et al. **Am J Psychiatry** 1985 Jan;142(1):40–6

The exoendoprosthesis in proximal bilioenteric anastomoses. Voyles CR. **Am J Surg** 1985 Jan;149(1):81–3

Reduced capsule formation around soft silicone rubber prostheses coated with solid collagen. Ksander GA, et al. **Ann Plast Surg** 1985 Apr;14(4):351–60

Pressure ulcer of the breast after subcutaneous mastectomy and reconstruction with prosthesis. Mendez-Fernandez MA. **Ann Plast Surg** 1985 Feb;14(2):164–5

A quantitative assessment of results with the Angelchik prosthesis. Wyllie JH, et al. **Ann R Coll Surg Engl** 1985 Jul;67(4):216–21

A 'nondislodgeable' endoprosthesis for nonsurgical drainage of the biliary tract. Silander T, et al. **Ann Surg** 1985 Mar; 201(3):323–7

Peritoneal approach to prosthetic mesh repair of paraostomy hernias. Sugarbaker PH. **Ann Surg** 1985 Mar;201(3):344–6

The evaluation of various bioabsorbable materials on the titanium fiber metal tracheal prosthesis. Mendak SH Jr, et al. **Ann Thorac Surg** 1984 Nov;38(5):488–93

Use of polytetrafluorinated ethylene compound in peripheral nerve grafting. An experimental study. Rice DH, et al. **Arch Otolaryngol** 1985 Apr;111(4):259–61

Protein and platelet interactions with polymer surfaces. Absolom DR, et al. **Biomater Med Devices Artif Organs** 1984–85; 12(3–4):235–66

Silane crosslinked polyethylene for prosthetic applications. II. Creep and wear behaviour and a preliminary moulding test. Atkinson JR, et al. **Biomaterials** 1984 Nov;5(6):326–35

Prosthetic replacement of large defects of the cervical trachea in dogs. Leake D, et al. **Biomaterials** 1985 Jan; 6(1):17–22

The uses of external nipple-areola prostheses following reconstruction of a breast mound after mastectomy. Ward CM. **Br J Plast Surg** 1985 Jan;38(1):51–4

Repositioning of percutaneous biliary endoprosthesis with transendoscopic balloon catheters. O'Connor HJ, et al. **Br J Radiol** 1984 Oct;57(682):922–4

The Angelchik anti-reflux prosthesis--some reservations. Durrans D, et al. **Br J Surg** 1985 Jul;72(7):525–7

Randomized prospective trial of the Angelchik anti-reflux prosthesis. Gear MW, et al. **Br J Surg** 1984 Sep;71(9):681–3

Prevention and treatment of intestinal dehiscence by an intraluminal bypass graft. Ger R, et al. **Br J Surg** 1984 Sep;71(9):726–9

Postmastectomy breast reconstruction with an inflatable prosthesis. Kissin MW, et al. **Br J Surg** 1984 Oct; 71(10):802–4

Cutaneous seeding of malignant tumours after insertion of percutaneous prosthesis for obstructive jaundice. Shorvon PJ, et al. **Br J Surg** 1984 Sep;71(9):694–5

Prospective study of the Angelchik anti-reflux prosthesis. Wale RJ, et al. **Br J Surg** 1985 Jul;72(7):520–4

The control of male stress incontinence by implantable prostheses. Fowler JW, et al. **Br J Urol** 1985 Apr; 57(2):175–80

Mentor inflatable penile prosthesis: clinical experience in 52 patients. Merrill DC. **Br J Urol** 1984 Oct;56(5):512–5

Selection of patients for implantation of the Brantley Scott artificial urinary sphincter. Mundy AR, et al. **Br J Urol** 1984 Dec;56(6):717–20

Artificial urinary sphincters [letter] Stanton SL. **Br Med J [Clin Res]** 1985 Aug 10;291(6492):413

Artificial urinary sphincters [editorial] Whitaker RH. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1927–8

The Angelchik antireflux prosthesis. Deitel M, et al. **Can J Surg** 1985 Mar;28(2):176–9

Use of the artificial sphincter in the treatment of urinary incontinence. Scott FB. **Clin Obstet Gynaecol** 1985 Jun; 12(2):415–29

The classic. Artificial ligaments at the knee. A technique. By Frederic J. Cotton and Gordon MacKay Morrison, 1934. **Clin Orthop** 1985 Jun;(196):4–6

Carbon-PGLA prostheses for ligament reconstruction. Experimental basis and short-term results in man. Bercovy M, et al. **Clin Orthop** 1985 Jun;(196):159–68

Ligament replacements--clinical evaluation. Blazina ME. **Clin Orthop** 1985 Jun;(196):7–8

The GORE-TEX expanded polytetrafluoroethylene prosthetic ligament. An in vitro and in vivo evaluation. Bolton CW, et al. **Clin Orthop** 1985 Jun;(196):202–13

Carbon fiber replacement of the ligaments of the shoulder girdle and the treatment of lateral instability of the ankle joint. Burri C, et al. **Clin Orthop** 1985 Jun;(196):112–7

On the interpretation of our anterior cruciate ligament data. Butler DL, et al. **Clin Orthop** 1985 Jun;(196):26–34 (37 ref.)

In vivo and in vitro investigation of the long-term behavior and fatigue strength of carbon fiber ligament replacement. Claes L, et al. **Clin Orthop** 1985 Jun;(196):99–111

Autogeneic anterior cruciate ligament (ACL) anterior reconstruction of the knee. A review. Friedman MJ, et al. **Clin Orthop** 1985 Jun;(196):9–14 (70 ref.)

Can carbon fiber implants substitute for collateral ligament? Gleason TF, et al. **Clin Orthop** 1984 Dec;(191):274–80

The development of tissue around various prosthetic implants used as replacements for ligaments and tendons. Goodship AE, et al. **Clin Orthop** 1985 Jun;(196):61–8

Ligament induction by filamentous carbon fiber. Jenkins DH. **Clin Orthop** 1985 Jun;(196):86–7

Polylactate-coated carbon fiber in extra-articular reconstruction of the unstable knee. King JB, et al. **Clin Orthop** 1985 Jun;(196):139–42

Experimental mechanical and histologic evaluation of the

Kennedy ligament augmentation device. McPherson GK, et al. **Clin Orthop** 1985 Jun;(196):186-95

Histologic pattern of biomechanic properties of the carbon fiber-augmented ligament tendon. A laboratory and clinical study. Mendes DG, et al. **Clin Orthop** 1985 Jun;(196):51-60

Carbon fiber ligament replacement in chronic knee instability. Neugebauer R, et al. **Clin Orthop** 1985 Jun;(196):118-23

Carbon fiber debris within the synovial joint. A time-dependent mechanical and histologic study. Parsons JR, et al. **Clin Orthop** 1985 Jun;(196):69-76

Clinical experience and early results of carbon fiber augmentation of anterior cruciate reconstruction of the knee. Strum GM, et al. **Clin Orthop** 1985 Jun;(196):124-38

The free synovial graft as a shield for collagen ingrowth in cruciate ligament repair. Townley CO, et al. **Clin Orthop** 1985 Jul-Aug;(197):266-71

Prediction of muscle and joint loads after segmental femur replacement for osteosarcoma. van Krieken FM, et al. **Clin Orthop** 1985 Sep;(198):273-83

Ligament replacement with an absorbable copolymer carbon fiber scaffold—early clinical experience. Weiss AB, et al. **Clin Orthop** 1985 Jun;(196):77-85

Treatment of chronic anterior knee instabilities with combined intra- and extra-articular transfer augmented with carbon-PLA fibers. Witvoet J, et al. **Clin Orthop** 1985 Jun;(196):143-53

Porous prostheses: an electron microscopic study. Brennan G, et al. **Clin Otolaryngol** 1984 Aug;9(4):229-33

Tendon and ligament prostheses. Kashuk KB, et al. **Clin Podiatry** 1984 Apr;1(1):131-43 (40 ref.)

The STA operation for the pronated foot in childhood. Smith SD. **Clin Podiatry** 1984 Apr;1(1):165-73

Evaluation of Angelchik antireflux prosthesis. Long-term results. Kozarek RA, et al. **Dig Dis Sci** 1985 Aug; 30(8):723-32

Use of Angelchik Anti-Reflux Prosthesis for repair of total rectal prolapse in elderly patients. Ladha A, et al. **Dis Colon Rectum** 1985 Jan;28(1):5-7

The rubber dam as a means to isolate contaminated peritoneal defects after colonic resection. Meijer RW, et al. **Dis Colon Rectum** 1984 Nov;27(11):703-6

Experimental study of biliary endoprosthesis efficiency. Rey JF, et al. **Endoscopy** 1985 Jul;17(4):145-8

Pharyngeal placement of the funnel of an esophageal prosthesis in advanced squamous cell carcinoma. von Maercke P, et al. **Endoscopy** 1985 Jul;17(4):127-8

Nontoxic nerve guide tubes support neovascular growth in transected rat optic nerve. Madison R, et al. **Exp Neurol** 1984 Dec;86(3):448-61

Improved biliary decompression with large caliber endoscopic prostheses [letter] Cotton PB. **Gastrointest Endosc** 1984 Dec;30(6):377-8

Large biliary prosthesis placement through a combined endoscopic and oral route. Guelrud M, et al. **Gastrointest Endosc** 1984 Dec;30(6):357-9

Endoscopic biliary prostheses: a comparison of materials. Leung JW, et al. **Gastrointest Endosc** 1985 Apr;31(2):93-5

Malignant esophagopulmonary fistula treated by fiberoptic intubation of a prosthesis. Valbuena J. **Gastrointest Endosc** 1985 Aug;31(4):281-3

Palliation of gastroesophageal carcinoma with endoscopic insertion of a new antireflux prosthesis. Valbuena J. **Gastrointest Endosc** 1984 Aug;30(4):241-3

An updated approach to correcting impotence in elderly men. Benson RC Jr. **Geriatrics** 1985 Feb;40(2):87-91, 94, 100, 102 (26 ref.)

Sessile macrophages forming clear endotheliumlike membrane on the inside of successful keratoprosthesis. Wolter JR, et al. **Graefes Arch Clin Exp Ophthalmol** 1985; 222(3):109-17

Amputations and prostheses for the lower limb. Marquardt E, et al. **Int Orthop** 1984;8(2):139-46

The use of prosthetic material in rectopexies. Detry RJ, et al. **Int Surg** 1984 Oct-Dec;69(4):301-4

Artificial urinary sphincter and penile prosthesis surgery: current status. Fallon B, et al. **Iowa Med** 1984 Aug; 74(8):335-8

The surgical management of erectile impotence. Finan BF. **J Arkansas Med Soc** 1985 Jan;81(8):417-20

Gastric obstruction from the Angelchik prosthesis. LoIudice TA, et al. **J Clin Gastroenterol** 1985 Feb;7(1):81-2

Preformed polymethylmethacrylate cranioplasties: report of 45 cases. van Gool AV. **J Maxillofac Surg** 1985 Feb; 13(1):2-8

Vicryl (polyglactin 910) mesh as a dural substitute. Maurer PK, et al. **J Neurosurg** 1985 Sep;63(3):448-52

Thermoplastic custom trays for making regional facial impressions. Aquilino SA, et al. **J Prosthet Dent** 1985 May; 53(5):686-8

Technique for constructing a prosthetic ear positioner. Disantis WS. **J Prosthet Dent** 1985 Feb;53(2):282-3

Technique for using an acrylic resin insert to simulate a cartilaginous structure in a silicone prosthetic ear. Disantis WS. **J Prosthet Dent** 1984 Dec;52(6):889-91

Use of intraoral prostheses in external beam radiation of oral and perioral cancer. Epstein JB, et al. **J Prosthet Dent** 1985 Jul;54(1):100-7

Prostheses for oral burn patients. Gay WD. **J Prosthet Dent** 1984 Oct;52(4):564-6

Speech considerations in prosthodontic rehabilitation of the glossectomy patient. McKinstry RE, et al. **J Prosthet Dent** 1985 Mar;53(3):384-7

The 'slush' technique in construction of intranasal stents. McKinstry RE, et al. **J Prosthet Dent** 1985 Jul;54(1):107-9

Ear-banking: a time-saving method to assist in patient rehabilitation. Rogerson JN, et al. **J Prosthet Dent** 1984 Dec;52(6):900-1

Prosthetic treatment of earlobe keloids. Sela M, et al. **J Prosthet Dent** 1984 Sep;52(3):417-8

Skin response to cobalt 60 irradiation and the consequences for matching the color of facial prostheses. van Oort RP, et al. **J Prosthet Dent** 1984 Nov;52(5):704-10

Ultrasonographic demonstration of the Angelchik prosthesis. Ward CF, et al. **J Ultrasound Med** 1985 Apr;4(4):205-6

Artificial sphincter pressure versus detrusor leakage pressure. Blok C, et al. **J Urol** 1985 Jan;133(1):117-20

The use of the AMS-AS800 artificial sphincter for continent urinary diversion. I. Investigations, including pressure-flow studies, using rabbit intestinal loops. Engelmann UH, et al. **J Urol** 1985 Jul;134(1):183-6

Recurrent or persistent urinary incontinence in patients with the artificial urinary sphincter: diagnostic considerations and management. Furlow WL, et al. **J Urol** 1985 May; 133(5):792-5

The inflatable penile prosthesis: the case for the medical device data base. Furlow WL. **J Urol** 1985 Jan;133(1):72

Reconstruction of the lower urinary tract: observations on bowel dynamics and the artificial urinary sphincter. Light JK, et al. **J Urol** 1985 Apr;133(4):594-7

Management of urinary incontinence in women with the artificial urinary sphincter. Light JK, et al. **J Urol** 1985 Sep;134(3):476-8

Ability of the inflatable penile prosthesis to withstand rapid changes in altitude. Murphy BP, et al. **J Urol** 1984 Nov; 132(5):1054-5

Surgical pathology of middle ear implants. Schuknecht HF, et al. **Laryngoscope** 1985 Mar;95(3):249-58

Tracheal stomal stenosis: a new prosthetic technique for postoperative stenting in post-laryngectomy stomal revision and in permanent tracheostomy. Schweitzer VG, et al. **Laryngoscope** 1985 Jun;95(6):736-7

Short papers from the XIth Congress of the European Society for Artificial Organs, September 1984. **Life Support Syst** 1985 Apr-Jun;3(2):133-87

Facial prosthetics. McElroy TH, et al. **Mo Med** 1985 Apr; 82(4):203-5

An improved method for stainless steel wire mesh cranioplasty. Forni C, et al. **Neurochirurgia (Stuttg)** 1985 Jul;28(4):174-7

Use of acrylic in anterior cervical discectomy: technical note. Alemo-Hammad S. **Neurosurgery** 1985 Jul;17(1):94-6

Ceramic prosthesis of the cervical vertebra in metastatic tumor of the spine. Tomita K. **Nippon Geka Hokan** 1985 Jan 1;54(1):16-22

Functional anatomical reconstruction in an oculofacial prosthesis. Eaton LD, et al. **Ophthalmology** 1984 Aug; 91(8):984-6

Refinements in reconstruction of congenital breast deformities. Argenta LC, et al. **Plast Reconstr Surg** 1985 Jul;76(1):73-82

Combatting capsular contracture [letter] Reddick LP. **Plast Reconstr Surg** 1984 Nov;74(5):731

Transaxillary subpectoral augmentation mammaplasty: long-term follow-up and refinements. Tebbetts JB. **Plast Reconstr Surg** 1984 Nov;74(5):636-49

A preliminary report on the use of cane and bamboo as basic construction materials for orthotic and prosthetic appliances. Banerji B, et al. **Prosthet Orthot Int** 1984 Aug; 8(2):91-6

Artificial urinary sphincters in children: radiographic evaluation. Taylor GA, et al. **Radiology** 1985 Apr; 155(1):91-7

Blood flow in prosthetic devices. Richardson PD. **Sci Prog** 1985 Autumn;69(275):375-91

Penile prostheses: semirigid rod penile prostheses. Benson RC Jr. **Semin Urol** 1984 Aug;2(3):152-7

Stomata in the genitourinary tract. Donovan MG, et al. **Semin Urol** 1984 Aug;2(3):187-8

The prosthetic management of urinary incontinence. Furlow WL. **Semin Urol** 1984 Aug;2(3):138-44

Inflatable penile prostheses. Montague DK. **Semin Urol** 1984 Aug;2(3):145-51

Testicular prostheses. Rosen JS, et al. **Semin Urol** 1984 Aug; 2(3):176-9

Soft-tissue expander for delayed and immediate breast reconstruction. Seckel BR, et al. **Surg Clin North Am** 1985 Apr;65(2):383-91

Stabilization of acrylic vertebral body replacement. Wilkinson HA. **Surg Neurol** 1985 Jul;24(1):83-6

Comparison of axillounifemoral and axillobifemoral bypass operations. Ascer E, et al. **Surgery** 1985 Feb;97(2):169-75

Perigraft seromas complicating arterial grafts. Blumenberg RM, et al. **Surgery** 1985 Feb;97(2):194-204

Revascularization of popliteal and below-knee arteries with polytetrafluoroethylene. Christenson JT, et al. **Surgery** 1985 Feb;97(2):141-9

Experiences with prosthetic reconstruction of the trachea and bifurcation. Toomes H, et al. **Thorax** 1985 Jan; 40(1):32-7

Sessile macrophages forming clear endothelium-like membrane on inside of successful keratoprosthesis. Wolter JR, et al. **Trans Am Ophthalmol Soc** 1984;82:187-202

The artificial urinary sphincter in children. Experience with the AS800 series and bowel reconstruction. Light JK. **Urol Clin North Am** 1985 Feb;12(1):103-9

The use of the artificial sphincter in the treatment of urinary incontinence in the female patient. Scott FB. **Urol Clin North Am** 1985 May;12(2):305-15

The Rosen prosthesis: a bad experience. Vereecken RL, et al. **Urol Int** 1985;40(1):30-2

Replacement of partially resected canine urethra by polytetrafluoroethylene. Anwar H, et al. **Urology** 1984 Dec; 24(6):583-6

Women's satisfaction with partners' penile implant. Inflatable vs noninflatable prosthesis. Beutler LE, et al. **Urology** 1984 Dec;24(6):552-8

Evaluation of AMS 800 artificial sphincter for continent urinary diversion using intestinal loops. Engelmann UH, et al. **Urology** 1985 Jun;25(6):620-1

Dilamezinsert: aid to semirigid penile prosthesis insertion. Leach GE. **Urology** 1984 Dec;24(6):616-7

Urologic use of the iconoclast. Mackenzie AR, et al. **Urology** 1985 May;25(5):537

Atraumatic color-coded mosquito clamps for inflatable penile prostheses. Reed HM. **Urology** 1984 Dec;24(6):618-9

[Surgical treatment of reflux esophagitis using Angelchik's ring prosthesis] Proot L, et al. **Acta Chir Belg** 1984 Nov-Dec;84(6):365-70 (Eng. Abstr.) **(Dut)**

[Toton, a new total prosthesis for replacement of the ossicle chain] Klein M. **Ann Otolaryngol Chir Cervicofac** 1985; 102(5):385-8 (Eng. Abstr.) **(Fre)**

[The 'double J' endo-ureteral prosthesis. Experience apropos of 21 cases] Abourachid H, et al. **Ann Urol (Paris)** 1984 Jun-Jul;18(4):266-70 (Eng. Abstr.) **(Fre)**

[Hydraulic penile prostheses in the surgery of impotence. Our experience in 20 cases with a 2-year follow-up] Rossignol G, et al. **Ann Urol (Paris)** 1985;19(4):248-50 (Eng. Abstr.) **(Fre)**

[Treatment of complex incontinence in the female by sub-urethral injections of teflon paste] Salé JM, et al. **Ann Urol (Paris)** 1984 Jun-Jul;18(4):263-5 (Eng. Abstr.) **(Fre)**

[AS 800: an artificial sphincter for postoperative incontinence in men] Bitker MO, et al. **Chirurgie** 1985;111(1):64-8 (Eng. Abstr.) **(Fre)**

[Prosthetic shunts in the treatment of neoplastic jaundice] Kron B, et al. **Chirurgie** 1984;110(8-9):693-9 (Eng. Abstr.) **(Fre)**

[Reconstruction of the breast after mastectomy] Maillard GF. **Helv Chir Acta** 1985 Apr;52(1):169-71 (Eng. Abstr.) **(Fre)**

[Revascularization surgery versus prosthetic surgery in vascular impotence. Indications, operative methods, after care] Porst H, et al. **Helv Chir Acta** 1984 Oct; 51(3-4):369-74 (Eng. Abstr.) **(Fre)**

[Early rehabilitation of vascular amputees. Value of the multipurpose prosthesis] Brenot R, et al. **J Mal Vasc** 1984; 9(3):215-9 (Eng. Abstr.) **(Fre)**

[Silicone biliary prosthesis. 150 cases] Kron B, et al. **Presse Med** 1985 Jun 15;14(24):1335-7 (Eng. Abstr.) **(Fre)**

[Prosthetic surgical treatment of inguinal hernias. Parietalization of the spermatic cord] Stoppa R, et al. **Presse Med** 1984 Oct 27;13(38):2317-8 (Eng. Abstr.) **(Fre)**

[Review of 250 breast reconstructions after mastectomy] De Mey A. **Rev Med Brux** 1984 Sep;5(7):479-82 (Eng. Abstr.) **(Fre)**

[Experiences with endoscopic placed endoprosthesis in stenosing malignancies of the esophagus and cardia] Barbier P, et al. **Chirurg** 1984 Sep;55(9):593-9 (Eng. Abstr.) **(Ger)**

[Rare dislocation of an esophagus endoprosthesis in front of the ileocecal valve with deep small intestine ileus] Penschuck C, et al. **Chirurg** 1985 May;56(5):345-6 **(Ger)**

[Ureter endoprosthesis. Indications, duration, complications with special reference to the incrustation problem] Tölle E. **Fortschr Med** 1985 Apr 4;103(13):343-7 (Eng. Abstr.) **(Ger)**

[Surgery for the formation of a new vagina] Schieder K. **Gynakol Rundsch** 1985;25(2):130-4 **(Ger)**

[5 years of clinical experience with Ceravital prostheses in the middle ear] Reck R. **HNO** 1985 Apr;33(4):166-70 (Eng. Abstr.) **(Ger)**

[Reconstruction of the posterior wall of the auditory canal with Ceravital prostheses] Reck R. **HNO** 1985 Apr; 33(4):162-5 (Eng. Abstr.) **(Ger)**

[Histopathologic study following optic keratoprosthesis. A case report] Jähne M, et al. **Klin Monatsbl Augenheilkd** 1984 Dec;185(6):531-4 (Eng. Abstr.) **(Ger)**

[Regeneration of the trachea following partial or total replacement by synthetic resorbable material (polyglactin 910)] Greve H, et al. **Langenbecks Arch Chir** 1985; 363(4):273-82 (Eng. Abstr.) **(Ger)**

[A smelling prosthesis for laryngectomized patients] Brusis T. **Laryngol Rhinol Otol (Stuttg)** 1985 Jun;64(6):309-10 (Eng. Abstr.) **(Ger)**

[Aluminum oxide ceramic implants (Tübigen type) in middle ear surgery. Report of clinical experiences] Zöllner C. **Laryngol Rhinol Otol (Stuttg)** 1985 May;64(5):233-7 (Eng. Abstr.) **(Ger)**

[Endotube as a palliative measure in stenosing cancer of the esophagus and cardia] Buess G, et al. **Leber Magen Darm** 1985 Jan;15(1):26-34 (Eng. Abstr.) **(Ger)**

[Bile duct endoprostheses. Insertion using a combined endoscopic-radiologic technic] Billmann P, et al. **ROFO** 1985 May;142(5):524–6 (Eng. Abstr.) **(Ger)**

[Percutaneous transhepatic bile duct endoprosthesis. Choice of material, technic, clinical results] Lammer J. **ROFO** 1985 Mar;142(3):243–53 (Eng. Abstr.) **(Ger)**

[Palliative therapy of esophagus cancer with an endoscopically implanted endoprosthesis] Gehrig J, et al. **Schweiz Med Wochenschr** 1985 Apr 27;115(17):587–91 (Eng. Abstr.) **(Ger)**

[Hematogenous infection of prostheses in man and in an animal model] Zimmerli W. **Schweiz Med Wochenschr** 1984 Dec 1;114(48):1756–7 (Eng. Abstr.) **(Ger)**

[Reconstruction of the cruciate ligament with special reference to synthetic substitute materials] Blauth W, et al. **Unfallchirurg** 1985 Mar;88(3):118–25 (44 ref.) (Eng. Abstr.) **(Ger)**

[Histopathologic findings on proplast and plastipore prostheses] Colletti V, et al. **Acta Otorhinolaryngol Ital** 1984 Nov–Dec;4(6):689–96 (Eng. Abstr.) **(Ita)**

[The use of prostheses in recurrent hernias] Tanzini G, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2297–302 (Eng. Abstr.) **(Ita)**

[Advantages of complete muscular coverage of the prosthetic implant in reconstructive surgery of the breast] Santi PL, et al. **Minerva Ginecol** 1984 Oct;36(10):637–9 (Eng. Abstr.) **(Ita)**

[Prosthetic rehabilitation in jaw resections followed by reconstruction of the palatal diaphragm] Fraccari F, et al. **Minerva Stomatol** 1985 Mar–Apr;34(2):381–6 (Eng. Abstr.) **(Ita)**

[A surgical approach for left ventricular aneurysm and acute myocardial infarction. Special reference to successful myocardial replacement with a dacron prosthesis for acute intraventricular rupture and left ventricular free-wall rupture] Yamazaki Y, et al. **Kyobu Geka** 1984 Aug; 37(8):592–7 (Eng. Abstr.) **(Jpn)**

[Current status of macromolecular substance for medical use] Ikada Y. **Nippon Rinsho** 1984 Oct;42(10):2375–84 **(Jpn)**

[A new device for percutaneous transhepatic biliary endoprosthesis] Sawada S, et al. **Rinsho Hoshasen** 1985 Apr;30(4):533–4 (Eng. Abstr.) **(Jpn)**

[Reconstruction of the trachea and carina with prosthesis and related problems] Matsubara Y, et al. **Rinsho Kyobu Geka** 1984 Nov;4(6):686–91 (Eng. Abstr.) **(Jpn)**

[Reconstruction of the breast after surgery for breast cancer] Trønnes S. **Tidsskr Nor Laegeforen** 1985 Apr 20; 105(11):751–3 (Eng. Abstr.) **(Nor)**

[Late results of anterior penetrating prosthesis in leukomas following chemical burns] Bedilo VIa, et al. **Oftalmol Zh** 1985;(3):138–9 (Eng. Abstr.) **(Rus)**

[Optico-cosmetic method of keratoprosthesis] Iakimenko SA. **Oftalmol Zh** 1984;(8):492–4 **(Rus)**

[Retrocorneal autochondrokeratoprosthesis (experimental and morphological research)] Krasnov MM, et al. **Oftalmol Zh** 1985;(3):139–42 (Eng. Abstr.) **(Rus)**

[Keratoprosthesis as a method of restoring vision in the sequelae of severe corneal lesions] Puchkovskaia NA. **Oftalmol Zh** 1985;(3):132–4 (27 ref.) (Eng. Abstr.) **(Rus)**

[Polymer fibers in surgery. II] Privalova LG, et al. **Polim Med** 1984;14(1–4):37–54 (Eng. Abstr.) **(Rus)**

[Prevention and treatment of complications of breast endoprostheses] Iudenich VV, et al. **Sov Med** 1985; (3):115–8 **(Rus)**

[Individual endoprosthesis of the joints and bone defects of the extremities in the surgical treatment of patients with skeletal tumors] Vorontsov AV, et al. **Vestn Khir** 1985 Apr; 134(4):64–7 (Eng. Abstr.) **(Rus)**

[A new method of penetrating keratoprosthesis (simultaneous implantation of a keratoprosthesis and retrocorneal autochondrokeratoplasty)] Krasnov MM, et al. **Vestn Oftalmol** 1984 Sep–Oct;(5):31–4 (Eng. Abstr.) **(Rus)**

[Endoprosthesis of the carpal bones] Movshovich IA, et al. **Voen Med Zh** 1985 Apr;(4):50–3 **(Rus)**

[Our experience with biocompatible ossicle prostheses] Mallea I, et al. **An Otorrinolaringol Ibero Am** 1985; 12(3):199–207 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

A new complication of prosthetic ossicular reconstruction. Jones RO Jr, et al. **Arch Otolaryngol** 1984 Nov; 110(11):757–8

Polyethylene sponge total ossicular replacement prosthesis: a histopathologic study [letter] Palva T, et al. **Arch Otolaryngol** 1984 Nov;110(11):765

Complications after use of the Angelchik antireflux prosthesis. Burke PM Jr, et al. **Arch Surg** 1985 Apr; 120(4):498–500

Complications of silicone implants in foot surgery. Vanore J, et al. **Clin Podiatry** 1984 Apr;1(1):175–98 (66 ref.)

Endoscopic appearance of an Angelchik prosthesis [letter] Carlisle WR, et al. **Gastrointest Endosc** 1984 Dec;30(6):376

Gangrene of the penis as a complication of penile prosthesis. McClellan DS, et al. **J Urol** 1985 May;133(5):862–3

Gastrojejunal and gastroesophageal fistulae following placement of an Angelchik prosthesis [letter] Ell SR. **JAMA** 1984 Dec 7;252(21):2961–2

The fractured prosthetic component [letter] Bloch B. **Med J Aust** 1985 Jan 7;142(1):80

Polyurethane-covered breast implant [letter] **Plast Reconstr Surg** 1984 Nov;74(5):728–9

Hand and arm injuries following external capsulotomies [letter] Hayes H Jr. **Plast Reconstr Surg** 1985 Mar; 75(3):441–2

Implant arm: axillary compression from breast prostheses. Janson RA. **Plast Reconstr Surg** 1985 Mar;75(3):420–2

Capsular contracture after augmentation mammaplasty [letter] Poppi V. **Plast Reconstr Surg** 1985 Mar;75(3):442

Biliary stent endoprosthesis: analysis of complications in 113 patients. Mueller PR, et al. **Radiology** 1985 Sep; 156(3):637–9

Endoscopic removal of an intragastric Angelchik antireflux prosthesis. Schultz KA, et al. **Surgery** 1985 Feb;97(2):234–6

Complications of Jonas prosthesis. Walther M, et al. **Urology** 1985 Jul;26(1):64

[Acute non-lithiasic cholecystitis after insertion of a biliary endoprosthesis. Treatment by percutaneous cholecystostomy (letter)] Bonnel D, et al. **Presse Med** 1985 Jan 19;14(2):105 **(Fre)**

[Angelchik's prosthesis in the treatment of gastroesophageal reflux. 2 complications (letter)] Spay G, et al. **Presse Med** 1984 Oct 6;13(35):2155 **(Fre)**

[Evaluation of the functional modifications of the lower esophageal sphincter after use of the Angelchik prosthesis] Anfossi A, et al. **Chir Ital** 1983 Jun;35(3):332–41 (Eng. Abstr.) **(Ita)**

[Migration to the duodenum of a prosthesis used for a mesenterico-caval shunt] del Rey Sanz R, et al. **Rev Esp Enferm Apar Dig** 1985 Jun;67(6):557–60 (Eng. Abstr.) **(Spa)**

HISTORY

Prosthetic bladder augmentation and replacement. Barrett DM, et al. **Semin Urol** 1984 Aug;2(3):167–75 (42 ref.)

Ureteral prostheses. Donovan MG, et al. **Semin Urol** 1984 Aug;2(3):158–66 (78 ref.)

INSTRUMENTATION

[The Monk metal cap hemiarthroplasty in the treatment of medical fractures of the femoral neck] Bagger J, et al. **Ugeskr Laeger** 1985 Feb 18;147(8):704–5 (Eng. Abstr.) **(Dan)**

METHODS

Autologous fitted incus versus Plastipore PORP in ossicular chain reconstruction. Sanna M, et al. **J Laryngol Otol** 1985 Feb;99(2):137–41

Fabrication of hollow extraoral prostheses to enhance retention. Rouse JA, et al. **J Prosthet Dent** 1985 Apr; 53(4):557–64

PSYCHOLOGY

Factors related to the acceptance of facial prostheses. Roefs AJ, et al. **J Prosthet Dent** 1984 Dec;52(6):849–52

Adjustment following surgical implantation of a penile prosthesis: a critical overview. Collins GF Jr, et al. **J Sex Marital Ther** 1984 Winter;10(4):255–71 (40 ref.)

Sex therapy and the penile prosthesis: a synthesis. Schover LR, et al. **J Sex Marital Ther** 1985 Spring;11(1):57–66

Penile implants in erectile impotence: outcome and prognostic indicators. Berg R, et al. **Scand J Urol Nephrol** 1984;18(4):277–82

[Psychodynamics of the wish for a penis prosthesis] Rentrop E. **Z Psychosom Med Psychoanal** 1984;30(4):386–93 (Eng. Abstr.) **(Ger)**

STANDARDS

Early problems encountered with the Mentor inflatable penile prosthesis. Fein RL, et al. **J Urol** 1985 Jul;134(1):62–4

Re: Multiple fractures of the silver wire strands as a complication of the silicone-silver wire prosthesis [letter] Jonas U. **J Urol** 1985 Apr;133(4):687

Re: Ability of the inflatable penile prosthesis to withstand rapid changes in altitude [letter] Merrill DC. **J Urol** 1985 Jul;134(1):155

Inflatable penile prosthesis. New device design and patient-partner satisfaction. Furlow WL, et al. **Urology** 1984 Dec;24(6):559–63

VETERINARY

Complications from a testicular prosthesis in a stallion. Hinrichs K, et al. **J Am Vet Med Assoc** 1985 Feb 15; 186(4):390–1

PROSTHESIS DESIGN

see related

DENTAL PROSTHESIS DESIGN

Polyurethane-covered silicone gel mammary prosthesis for successful breast reconstruction. Pennisi VR. **Aesthetic Plast Surg** 1985;9(2):73–7

Design of a total wrist prosthesis. Youm Y, et al. **Ann Biomed Eng** 1984;12(3):247–62

Aluminum oxide ceramic ossicular replacement prosthesis. Yamamoto E. **Ann Otol Rhinol Laryngol** 1985 Mar–Apr; 94(2 Pt 1):149–52

Mathematical kinematics in engineering of endoprostheses. Evaluation of the results of gait analysis. Hoschek J, et al. **Arch Orthop Trauma Surg** 1984;103(5):342–7

Stubby prostheses: an alternative to conventional prosthetic devices. Wainapel SF, et al. **Arch Phys Med Rehabil** 1985 Apr;66(4):264–6

Clinical and laboratory procedures for the production of a retentive silicone rubber obturator for the maxillectomy patient. Davenport JC. **Br J Oral Maxillofac Surg** 1984 Oct;22(5):378–86

Current concept: the expandable prosthesis. Lewis MM. **Bull Hosp Jt Dis Orthop Inst** 1985 Spring;45(1):29–31

A new knee prosthesis. Zanasi R. **Ital J Orthop Traumatol** 1984 Dec;10(4):429–37

Some additional suggestions for an intervertebral disc prosthesis. Edeland HG. **J Biomed Eng** 1985 Jan;7(1):57–62

Stochastic analysis of myoelectric temporal signatures for multifunctional single-site activation of prostheses and orthoses. Graupe D, et al. **J Biomed Eng** 1985 Jan; 7(1):18–29

Technique for using an acrylic resin insert to simulate a cartilaginous structure in a silicone prosthetic ear. Disantis WS. **J Prosthet Dent** 1984 Dec;52(6):889–91

Quick technique for construction of a surgical obturator. Disantis WS. **J Prosthet Dent** 1985 Jan;53(1):128–9

Alternative obturation for the maxillectomy patient with severely limited mandibular opening. Taylor TD, et al. **J Prosthet Dent** 1985 Jan;53(1):83–5

Functional anatomical reconstruction in an oculofacial prosthesis. Eaton LD, et al. **Ophthalmology** 1984 Aug; 91(8):984–6

The SEATTLE foot prosthesis [letter] Burgess EM. **Prosthet Orthot Int** 1985 Apr;9(1):55–6

Thermoplastic alignment couplings for prostheses. Coombs AG, et al. **Prosthet Orthot Int** 1985 Apr;9(1):37–45

Rotational moulding in the production of prostheses. Coombs AG, et al. **Prosthet Orthot Int** 1985 Apr;9(1):31–6

The Rapidform process for automated thermoplastic socket production. Davies RM, et al. **Prosthet Orthot Int** 1985 Apr;9(1):27–30

Shape sensing for computer aided below-knee prosthetic socket design. Fernie GR, et al. **Prosthet Orthot Int** 1985 Apr;9(1):12–6

Experimental fittings of sockets for below-knee amputees using computer aided design and manufacturing techniques. Foort J, et al. **Prosthet Orthot Int** 1985 Apr;9(1):46–7

Computer aided design, computer aided manufacture and other computer aids in prosthetics and orthotics. Klasson B. **Prosthet Orthot Int** 1985 Apr;9(1):3–11

Prosthetic shape replication using a computer controlled carving technique. Lawrence RB, et al. **Prosthet Orthot Int** 1985 Apr;9(1):23–6

Computer aided design of prosthetic sockets for below-knee amputees. Saunders CG, et al. **Prosthet Orthot Int** 1985 Apr;9(1):17–22

[Computer assisted production of individual anatomic endoprostheses] Aldinger G, et al. **Z Orthop** 1984 Sep–Oct; 122(5):733–6 (Eng. Abstr.) **(Ger)**

[Experiences with hip joint endoprosthesis model PM for cement free implantation] Parhofer R, et al. **Z Orthop** 1984 Nov–Dec;122(6):790–7 (Eng. Abstr.) **(Ger)**

[St. Georg knee endoprosthesis system (slide and hinge principle). Observations and results following 10 years' experience with over 3,700 operations] Röttger J, et al. **Z Orthop** 1984 Nov–Dec;122(6):818–26 (Eng. Abstr.) **(Ger)**

[Experiences with Wagner's cup prosthesis] Trepte CT, et al. **Z Orthop** 1984 Sep–Oct;122(5):718–22 (Eng. Abstr.) **(Ger)**

[A table of our design for the preparation of tarflen prostheses used after stapedectomy] Baj R. **Otolaryngol Pol** 1984; 38(6):539–42 (Eng. Abstr.) **(Pol)**

PROSTHODONTICS

Illegal practice of dentistry [letter] **Br Dent J** 1985 Feb 9; 158(3):82

Quality of care: compared perceptions of patient and prosthodontist. Chamberlain BB, et al. **J Prosthet Dent** 1984 Nov;52(5):744–6

Role of the dental hygienist in the prosthodontic practice. Jones JD, et al. **J Prosthet Dent** 1984 Dec;52(6):885–8

Prosthodontic survey. Part I: Removable prosthodontic laboratory survey. Taylor TD, et al. **J Prosthet Dent** 1984 Oct;52(4):598–601

EDUCATION

Use of technique metal in preclinical education: effect on student products and performance. Joynt RB, et al. **J Dent Educ** 1985 Feb;49(2):91–4

An evaluation of self-guided teaching methods in a fixed prosthodontics preclinical laboratory. Weiner S, et al. **J Dent Educ** 1985 May;49(5):318–20

Prosthodontic laboratory and curriculum survey. Part III: Fixed prosthodontic laboratory survey. Aquilino SA, et al. **J Prosthet Dent** 1984 Dec;52(6):879–85

Methods taught in dental schools for determining the posterior palatal seal region. Chen MS, et al. **J Prosthet Dent** 1985 Mar;53(3):380–3

Preclinical teaching technique for making master impressions. Muncheryan A, et al. **J Prosthet Dent** 1984 Sep;52(3):432–5

Prosthodontic laboratory and curriculum survey. Part IV: Fixed prosthodontic curriculum survey. Taylor TD, et al. **J Prosthet Dent** 1985 Feb;53(2):267–70

Prosthodontic survey. Part II: Removable prosthodontic curriculum survey. Taylor TD, et al. **J Prosthet Dent** 1984 Nov;52(5):747–9

HISTORY

[25-year history and activities of the Prosthodontic Clinic of the Semmelweis University of Medicine] Fábián T. **Fogorv Sz** 1984 Oct;77(10):289-91 **(Hun)**

[History of fixed prosthodontics] Tavares V. **Rev Port Estomatol Cir Maxilofac** 1984 Oct-Dec; 25(4):1103-18 **(Por)**

PROSTITUTION

Adolescent prostitution. Schaffer B, et al. **Adolescence** 1984 Fall;19(75):689-96

T-cell ratios: sperm and asialo GM1 antibody levels in New York City prostitutes. Wallace JI, et al. **Ann NY Acad Sci** 1984;437:568-75

The two 'faces' of Antillean prostitution. Kalm F. **Arch Sex Behav** 1985 Jun;14(3):203-17

Transsexual prostitution in New Zealand: predominance of persons of Maori extraction. MacFarlane DF. **Arch Sex Behav** 1984 Aug;13(4):301-9

Hepatitis B antigen and antibody in the blood of prostitutes visiting an outpatient venereology department in Rotterdam. de Hoop D, et al. **Br J Vener Dis** 1984 Oct; 60(5):319-22

Child sexual abuse and juvenile prostitution: a commentary on the Badgley Report on sexual offences against children and youth. Bagley C. **Can J Public Health** 1985 Jan-Feb; 76(1):65-6

Hepatitis B virus markers in prostitutes in Singapore. Goh CL, et al. **Genitourin Med** 1985 Apr;61(2):127-9

Chemoprophylaxis and gonococcal infections in prostitutes. Goh CL, et al. **Int J Epidemiol** 1984 Sep;13(3):344-6

Female prostitutes: a risk group for infection with human T-cell lymphotropic virus type III. Van de Perre P, et al. **Lancet** 1985 Sep 7;2(8454):524-7

Hepatitis B markers in heterosexuals involved in promiscuous sexual activity. Rajakumar MK, et al. **Med J Malaysia** 1984 Mar;39(1):65-8

Sexually transmitted diseases in females in a juvenile detention center. Bell TA, et al. **Sex Transm Dis** 1985 Jul-Sep;12(3):140-4

Prostitutes are a major reservoir of sexually transmitted diseases in Nairobi, Kenya. D'Costa LJ, et al. **Sex Transm Dis** 1985 Apr-Jun;12(2):64-7

Prevalence of hepatitis B virus among hospitality girls in Bangkok. Tantivanich S, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar; 16(1):127-8

Incidences of antibodies to hepatitis B, herpes simplex and cytomegalovirus in prostitutes. Dannenmaier B, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Apr; 259(2):275-83

[Transmission of urogenital trichomoniasis in female prostitutes] Teras J, et al. **Immun Infekt** 1985 Apr; 13(2):44-6 (Eng. Abstr.) **(Ger)**

HISTORY

[Prostitution in Poland in the 14th-18th centuries] Stapiński A. **Przegl Dermatol** 1984 Nov-Dec;71(6):615-26 (Eng. Abstr.) **(Pol)**

PROTAMINES

Protamine sulfate precipitation: a new assay for the Ah receptor. Denison MS, et al. **Anal Biochem** 1984 Oct; 142(1):28-36

Characterization of the fluorescence of the protamine thynnine and studies of binding to double-stranded DNA. Ausio J, et al. **Biopolymers** 1984 Nov;23(11 Pt 2):2559-71

Haemodynamic changes and circulating histamine concentrations following protamine administration to patients and dogs. Stoelting RK, et al. **Can Anaesth Soc J** 1984 Sep;31(5):534-40

The effect of protamine on serum complement activity in aminonucleoside nephropathy. Fukuda K, et al. **Tohoku J Exp Med** 1984 Jul;143(3):315-8

ADMINISTRATION & DOSAGE

Activated clotting time for control of anticoagulation during surgery. Lefemine AA, et al. **Am Surg** 1985 May; 51(5):274-8

Inefficacy of topical protamine as angiogenesis inhibitor in alkali-burned corneas. Ameye C, et al. **Bull Soc Belge Ophtalmol** 1983;207:109-15

Administration of protamine through left atrium [letter] Alaoui A. **J Thorac Cardiovasc Surg** 1985 Jul;90(1):153-4

[Heparinization--protaminization control by activated clotting time with improved postoperative hemostasis] Lubliner J, et al. **Harefuah** 1984 Jul;107(1-2):4-6 (Eng. Abstr.) **(Heb)**

[A computerized method for the administration of heparin and protamine during open-heart surgery] Isshiki A, et al. **Masui** 1984 Dec;33(12):1323-8 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Thoughts on protamine toxicity [letter] Brauer S. **Anesth Analg** 1985 Oct;64(10):1033

Protamine: a review of its toxicity. Horrow JC. **Anesth Analg** 1985 Mar;64(3):348-61 (69 ref.)

Management of the patient with protamine hypersensitivity for cardiac surgery. Campbell FW, et al. **Anesthesiology** 1984 Dec;61(6):761-4

An alternate method to manage patients with protamine hypersensitivity for cardiac surgery [letter] Jackson SH, et al. **Anesthesiology** 1985 Jul;63(1):120-1

Complement activation and anaphylactoid response to protamine in a child after cardiopulmonary bypass. Westaby S, et al. **Br Heart J** 1985 May;53(5):574-6

Thrombocytopenia accompanying a reaction to protamine sulfate. Horrow JC. **Can Anaesth Soc J** 1985 Jan; 32(1):49-52

Increased risk of severe protamine reactions in NPH insulin-dependent diabetics undergoing cardiac catheterization. Stewart WJ, et al. **Circulation** 1984 Nov; 70(5):788-92

Adverse reactions to protamine. Horrow JC. **Int Anesthesiol Clin** 1985 Fall;23(3):133-44

Serious adverse reactions to protamine sulfate: are alternatives needed? Weiler JM, et al. **J Allergy Clin Immunol** 1985 Feb;75(2):297-303 (48 ref.)

Protamine-induced fatal anaphylaxis. Prevalence of antiprotamine immunoglobulin E antibody. Sharath MD, et al. **J Thorac Cardiovasc Surg** 1985 Jul;90(1):86-90

Vasectomy and health [letter] Lake CL, et al. **JAMA** 1985 Mar 22-29;253(12):1723

Protamine-induced thrombocytopenia and leukopenia. Al-Mondhiry H, et al. **Thromb Haemost** 1985 Feb 18; 53(1):60-4

BLOOD

[Degradation of protamine and protamine-heparin complexes by proteolytic enzymes of blood serum and serum euglobulin fractions] Roszkowska W, et al. **Acta Haematol Pol** 1984 Jan-Jun;15(1-2):43-7 (Eng. Abstr.) **(Pol)**

DIAGNOSTIC USE

[Use of protamine sulfate in a method for determining the hormonal sensitivity of breast cancer] Degtiar' VG, et al. **Vopr Onkol** 1985;31(1):51-5 (Eng. Abstr.) **(Rus)**

GENETICS

Nucleotide sequence of a cDNA clone encoding mouse protamine 1. Kleene KC, et al. **Biochemistry** 1985 Jan 29; 24(3):719-22

The in vitro transcription of a rainbow trout (Salmo gairdnerii) protamine gene. II. Controlled mutation of the cap site region. Jankowski JM, et al. **Biosci Rep** 1985 Feb; 5(2):113-20

Isolation and in vitro translation of a mammalian protamine mRNA. Krawetz SA, et al. **Biosci Rep** 1984 Jul; 4(7):593-603

ISOLATION & PURIFICATION

The amino acid sequence of human sperm protamine P1. McKay DJ, et al. **Biosci Rep** 1985 May;5(5):383-91

Primary structure of the ram (Ovis aries) protamine. Sautiere P, et al. **Eur J Biochem** 1984 Oct 1;144(1):121-5

METABOLISM

Phagocytosis of protamine-heparin aggregates by mouse peritoneal exudate cells. Rossmann P, et al. **Folia Microbiol (Praha)** 1985;30(3):319-26

Hydrolysis of protamine by calcium-activated neutral protease (CANP). Hayashi M, et al. **J Biochem (Tokyo)** 1985 May;97(5):1363-70

Evidence for complement activation by protamine-heparin interaction after cardiopulmonary bypass. Cavarocchi NC, et al. **Surgery** 1985 Sep;98(3):525-31

PHARMACODYNAMICS

Protamine inhibits capillary formation in growing rat hearts. Rakusan K, et al. **Circ Res** 1985 Sep;57(3):393-8

The protein phosphatases involved in cellular regulation. 1. Modulation of protein phosphatases-1 and 2A by histone H1, protamine, polylysine and heparin. Pelech S, et al. **Eur J Biochem** 1985 Apr 15;148(2):245-51

Protamine inhibits platelet derived growth factor receptor activity but not epidermal growth factor activity. Huang JS, et al. **J Cell Biochem** 1984;26(4):205-20

Possible mechanisms of inhibitory action of protamine on contractile activity of rat aorta. Uruno T, et al. **J Pharm Pharmacol** 1985 Jul;37(7):476-80

Cardiovascular effects of protamine sulfate [letter] Cavarocchi NC. **J Thorac Cardiovasc Surg** 1985 Aug; 90(2):312

Cardiovascular effects of protamine sulfate are dependent on the presence and type of circulating heparin. Fiser WP, et al. **J Thorac Cardiovasc Surg** 1985 Jan;89(1):63-70

Depressed cardiovascular function and altered platelet kinetics following protamine sulfate reversal of heparin activity. Wakefield TW, et al. **J Vasc Surg** 1984 Mar; 1(2):346-55

Protamine sulfate inhibition of serum-induced mitogenic responses: differential effects on normal and neoplastic cells. Leibovich SJ, et al. **JNCI** 1984 Dec;73(6):1337-47

Glomerular albumin leakage and morphology after neutralization of polyanions. I. Albumin clearance and sieving coefficient in the isolated perfused rat kidney. Assel E, et al. **Renal Physiol** 1984;7(6):357-64

Biochemical and pharmacologic studies on the protamine interactions with heparin, its fractions and fragments. Racanelli A, et al. **Semin Thromb Hemost** 1985 Apr; 11(2):176-89

Neutralisation of heparan sulphate and low molecular weight heparin by protamine. Hubbard AR, et al. **Thromb Haemost** 1985 Feb 18;53(1):86-9

Inhibition of low molecular weight heparin by protamine chloride in vivo. Harenberg J, et al. **Thromb Res** 1985 Apr 1;38(1):11-20

TOXICITY

Differences in threshold for protamine toxicity in isolated atrial and ventricular tissue. Caplan RA, et al. **Anesth Analg** 1984 Dec;63(12):1111-5

Protamine induced arterial hypoxaemia: the relationship to hypoxic pulmonary vasoconstriction. Kim YD, et al. **Can Anaesth Soc J** 1985 Jan;32(1):5-11

Experimental colon neoplasia enhanced by extract of sperm (protamine). Phillips RK, et al. **J R Soc Med** 1984 Oct; 77(10):830-2

Glomerular albumin leakage and morphology after neutralization of polyanions. II. Discrepancy of protamine induced albuminuria and fine structure of the glomerular filtration barrier. Sonnenburg-Hatzopoulos C, et al. **J Submicrosc Cytol** 1984 Oct;16(4):741-51

PROTEASE ANTAGONISTS see PROTEASE INHIBITORS

PROTEASE INHIBITORS

Stability of enzyme inhibitors and lectins in foods and the influence of specific binding interactions. Zahnley JC. **Adv Exp Med Biol** 1984;177:333-65 (136 ref.)

Effect of deoxyribopolymers and ribopolymers on the sensitivity of the cyclic-AMP receptor protein of Escherichia coli to proteolytic attack. Angulo JA, et al. **Arch Biochem Biophys** 1985 Jan;236(1):11-6

Calpain and calpastatin in porcine retina. Identification and action on microtubule-associated proteins. Yoshimura N, et al. **Biochem J** 1984 Oct 1;223(1):47-51

In vivo significance of kinetic constants of protein proteinase inhibitors. Bieth JG. **Biochem Med** 1984 Dec;32(3):387-97

Inhibition, by lanthanides, of neutral proteinases secreted by human, rheumatoid synovium. Evans CH, et al. **Eur J Biochem** 1985 Aug 15;151(1):29-32

Complete amino acid sequence of bovine colostrum low-Mr cysteine proteinase inhibitor. Hirado M, et al. **FEBS Lett** 1985 Jul 1;186(1):41-5

Human plasma kininogens are identical with alpha-cysteine proteinase inhibitors. Evidence from immunological, enzymological and sequence data. Müller-Esterl W, et al. **FEBS Lett** 1985 Mar 25;182(2):310-4

NMR studies of fluorinated serine protease inhibitors. Gerig JT, et al. **J Biol Chem** 1985 Apr 25;260(8):4713-7

Crystallization of chicken egg white cystatin, a low molecular weight protein inhibitor of cysteine proteinases, and preliminary X-ray diffraction data. Bode W, et al. **J Mol Biol** 1985 Jan 20;181(2):331-2

Amide proton titration shifts in bull seminal inhibitor IIA by two-dimensional correlated 1H nuclear magnetic resonance (COSY). Manifestation of conformational equilibria involving carboxylate groups. Ebina S, et al. **J Mol Biol** 1984 Oct 25;179(2):283-8

Affinity sorbents containing benzamidine derivatives for biomedical application. Lasionova NI, et al. **Pharmazie** 1984 Nov;39(11):738-40

Model of alpha 2-macroglobulin structure and function. Feldman SR, et al. **Proc Natl Acad Sci USA** 1985 Sep; 82(17):5700-4

Ovostatin: a proteinase inhibitor in egg whites that is homologous to alpha 2-macroglobulin. Nagase H, et al. **Prog Clin Biol Res** 1985;180:283-5

Validity of serine protease inhibition tests in the evaluation and monitoring of the effect of heparin and its fractions. Hoppensteadt DA, et al. **Semin Thromb Hemost** 1985 Apr; 11(2):112-20 (27 ref.)

ADMINISTRATION & DOSAGE

Inhibition of human neutrophil elastase activity by encapsulated serum (Serumsome) therapy. Kuhn SH, et al. **Appl Biochem Biotechnol** 1984;10:309-12

[Peridural anesthesia and intra-aortic administration of protease inhibitors and antibiotics in the combined treatment of acute biliary pancreatitis] Tomashuk IP, et al. **Klin Khir** 1984 Nov;(11):27-8 (Eng. Abstr.) **(Rus)**

[Use of proteinase inhibitors and vitamin E in the complex therapy of destructive pulmonary tuberculosis and secondary amyloidosis] Ivaniuta OM, et al. **Probl Tuberk** 1984 Oct;(10):47-51 (Eng. Abstr.) **(Rus)**

[Results of treatment, including the local use of contrical, of patients with newly detected pulmonary tuberculosis complicated by endobronchitis] Maliev BM, et al. **Probl Tuberk** 1985;(3):40-2 (Eng. Abstr.) **(Rus)**

[Unconventional chemotherapy of viral infections] Zhdanov VM. **Vestn Akad Med Nauk SSSR** 1984;(8):24-31 **(Rus)**

[Administration of medications via a lymphatic vessel in the treatment of diffuse peritonitis and sepsis] Pristaĭko IaI. **Vestn Khir** 1985 Jan;134(1):68-70 (Eng. Abstr.) **(Rus)**

ANALYSIS

Neonatal lung neutrophils and elastase/proteinase inhibitor imbalance. Ogden BE, et al. **Am Rev Respir Dis** 1984 Nov; 130(5):817-21

Plasma protein and liver mRNA levels of two closely related murine alpha 1-protease inhibitors during the acute phase reaction. Frazer JM, et al. **Arch Biochem Biophys** 1985 May 15;239(1):112-9

The N-terminal sequence of antileukoprotease isolated from bronchial secretion. Klasen EC, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):285-9

Protease inhibitors in rheumatoid synovial fluid: a quantitative analysis. Ekerot L, et al. **Clin Exp Rheumatol** 1983 Jul-Sep;1(3):225-31

Ascaris suum: localization by immunochemical and fluorescent probes of host proteases and parasite proteinase inhibitors in cross-sections. Martzen MR, et al. **Exp Parasitol** 1985 Oct;60(2):139-49

Rat plasma alpha 1-inhibitor3: a member of the alpha-macroglobulin family. Esnard F, et al. **FEBS Lett** 1985 Mar 11;182(1):125-9

Proteinases and inhibitors in plasma and peritoneal exudate in acute pancreatitis. Wendt P, et al. **Hepatogastroenterology** 1984 Dec;31(6):277-81

Different tissue distributions of two types of thiol proteinase inhibitors from rat liver and epidermis. Kominami E, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1437-42

Wound-induced proteinase inhibitors from tomato leaves. II. The cDNA-deduced primary structure of pre-inhibitor II. Graham JS, et al. **J Biol Chem** 1985 Jun 10;260(11):6561-4

Wound-induced proteinase inhibitors from tomato leaves. I. The cDNA-deduced primary structure of pre-inhibitor I and its post-translational processing. Graham JS, et al. **J Biol Chem** 1985 Jun 10;260(11):6555-60

Three forms of thiol proteinase inhibitor from rat liver formed depending on the oxidation-reduction state of a sulfhydryl group. Wakamatsu N, et al. **J Biol Chem** 1984 Nov 25;259(22):13832-8

Determination of anti-protease homogeneity. Viljoen GJ, et al. **J Chromatogr** 1984 Aug 3;297:359-67

Low molecular weight proteinase inhibitors. III. Quantification and isolation of activity from benign and malignant human breast tissue samples. Waxler B, et al. **J Lab Clin Med** 1984 Oct;104(4):528-37

Lysosomal thiol cathepsins and their endogenous inhibitors. Distribution and localization. Katunuma N, et al. **Prog Clin Biol Res** 1985;180:71-9

[Ca2+-dependent protease (calpain) and its endogenous inhibitor (calpastatin) in murine spleen cells: quantitative change at lymphoproliferative response to mitogens] Nakayama N, et al. **Nippon Geka Hokan** 1984 Jan 1; 53(1):213-20 (Eng. Abstr.) **(Jpn)**

[Local immune and inhibitor protection in patients with newly detected destructive pulmonary tuberculosis complicated by nonspecific endobronchitis] Shesterina MV, et al. **Ter Arkh** 1984;56(10):34-7 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Biosynthesis of tissue inhibitor of metalloproteinases by human fibroblasts in culture. Stimulation by 12-O-tetradecanoylphorbol 13-acetate and interleukin 1 in parallel with collagenase. Murphy G, et al. **J Biol Chem** 1985 Mar 10;260(5):3079-83

BLOOD

Serum antiprotease concentrations in dogs with spontaneous and experimentally induced acute pancreatitis. Murtaugh RJ, et al. **Am J Vet Res** 1985 Jan;46(1):80-3

Studies on thiol proteinase inhibitors in rat peripheral blood cells. Kominami E, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):816-21

Unglycosylated rat alpha 1-proteinase inhibitor has a six-fold shorter plasma half-life than the mature glycoprotein. Weber W, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):630-5

Proteinase inhibitory activity released from the horseshoe crab blood cell during exocytosis. Armstrong PB, et al. **Biochim Biophys Acta** 1985 Mar 1;827(3):453-9

Acceleration of fibrinolysis by the N-terminal peptide of alpha 2-plasmin inhibitor. Kimura S, et al. **Blood** 1985 Jul; 66(1):157-60

Changes in plasma levels of protease inhibitors to the degree of metastasis and prognosis of gastric cancer. Kageyama T, et al. **Bull Osaka Med Sch** 1983 Oct;29(2):69-84

Changes of the level of proteinase inhibitors in rat plasma during turpentine-induced inflammation. Warwas M, et al. **Experientia** 1985 May 15;41(5):633-4

Serum protease inhibitor levels in smokers. Kodliwadmath MV, et al. **Indian J Med Res** 1984 Nov;80:572-6

Enzyme immunoassay of calpain I and calpastatin and its application to the analysis of human erythrocyte hemolysate. Takano E, et al. **J Appl Biochem** 1984 Jun; 6(3):117-25

Measles antibodies, anti-proteinase and plasminogen distribution in serum and plasma from patients affected with multiple sclerosis and patients affected with non-neurological diseases. Bollengier F, et al. **J Clin Chem Clin Biochem** 1984 Oct;22(10):653-9

Coagulation factors and proteinase inhibitors in the plasma of children with acute lymphoblastic leukoses. Behaviour before and during treatment according to Protocol I of the Cooperative Leukaemia Study COALL-80. Reitz M, et al. **Klin Wochenschr** 1984 Dec 17;62(24):1165-9

Plasma protease inhibitors in alpha 1-antitrypsin-deficient children. Sveger T. **Pediatr Res** 1985 Aug;19(8):834-5

Changes of plasma protease inhibitors in late pregnancy, during delivery and puerperium in normal women and in preeclampsia. Gamba G, et al. **Ric Clin Lab** 1984 Jul-Sep; 14(3):521-5

The blood serum concentration of cystatin C (gamma-trace) as a measure of the glomerular filtration rate. Simonsen O, et al. **Scand J Clin Lab Invest** 1985 Apr;45(2):97-101

Protease inhibitors in acute human pancreatitis. Correlation between biochemical changes and clinical course. Lasson A, et al. **Scand J Gastroenterol** 1984 Sep;19(6):779-86

Plasma proteinase inhibitors. Bodmer JL, et al. **Schweiz Med Wochenschr** 1984 Oct 6;114(40):1359-63

Changes in plasma levels of protease and fibrinolytic inhibitors induced by treatment in acute myeloid leukemia. Velasco F, et al. **Thromb Haemost** 1984 Aug 31;52(1):81-4

Preparation and properties of alpha 1-proteinase inhibitor concentrate from human plasma. Coan MH, et al. **Vox Sang** 1985;48(6):333-42

[Effect of elastase and its inhibitors on the mechanism of development of various pulmonary diseases] Ichiwata T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug; 22(8):636-43 (Eng. Abstr.) **(Jpn)**

[Determining proteolytic enzyme inhibitors in human and animal sera. I. Description of the method] Schiller B, et al. **Med Dosw Mikrobiol** 1984;36(4):245-52 (Eng. Abstr.) **(Pol)**

[Plasma fibrinolysis inhibitors] Nowak S, et al. **Pol Arch Med Wewn** 1985 Feb;73(2):113-21 **(Pol)**

[Amino acid sequence in the reactive site region of an acid-stable inhibitor of trypsin, chymotrypsin and intracellular proteinases from rabbit serum] Ogloblina OG, et al. **Bioorg Khim** 1983 Feb;9(2):193-9 (Eng. Abstr.) **(Rus)**

[Serum anti-protease activity in the evaluation of results of proton hypophysectomy] Konnova LA, et al. **Med Radiol (Mosk)** 1985 Apr;30(4):17-20 (Eng. Abstr.) **(Rus)**

[Activity of proteolytic enzymes, their inhibitors and amylase of the blood in toxicoses in young infants] Zernov NG, et al. **Pediatriia** 1985 Apr;(4):21-2 (Eng. Abstr.) **(Rus)**

[Effect of gamma- and gamma-neutron irradiation on the composition of the metabolic amino acid pool, blood antiprotease activity and the life-span of animals] Vershinina SF, et al. **Radiobiologiia** 1985 Mar-Apr; 25(2):241-5 (Eng. Abstr.) **(Rus)**

[Antiproteinase activity of alpha 2-macroglobulin] Protsenko AV. **Ukr Biokhim Zh** 1984 Sep-Oct;56(5):546-9 (Eng. Abstr.) **(Rus)**

[Total proteolytic activity of the blood and its inhibitors in patients following heart operations] Prokhodtsev II, et al. **Vestn Khir** 1984 Oct;133(10):18-22 (Eng. Abstr.) **(Rus)**

CHEMICAL SYNTHESIS

Mechanism of inactivation of chymotrypsin by 5-butyl-3H-1,3-oxazine-2,6-dione. Weidmann B, et al. **Biochemistry** 1984 May 22;23(11):2373-6

Synthesis and structure-activity study of protease inhibitors. II. Amino- and guanidino-substituted naphthoates and tetrahydronaphthoates. Nakayama T, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):3968-80

Synthesis and structure-activity study of protease inhibitors. III. Amidinophenols and their benzoyl esters. Yaegashi T, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4466-77

Aromatic tetra-amidines: synthesis of halo-derivatives and their antiproteolytic activity. Ferroni R, et al. **Farmaco [Sci]** 1984 Nov;39(11):901-9

Inhibition of the serine proteases leukocyte elastase, pancreatic elastase, cathepsin G, and chymotrypsin by peptide boronic acids. Kettner CA, et al. **J Biol Chem** 1984 Dec 25;259(24):15106-14

Assessment of antiprotease activity of some carbamate derivatives. Shinogi M, et al. **J Pharm Sci** 1985 Apr; 74(4):482-5

DIAGNOSTIC USE

Proteases and antiproteases: new trends in cytochemical research. Gossrau R. **Histochem J** 1985 May;17(5):522-6

GENETICS

The plasma protease inhibitor system (Pi) of Standardbred horses. Bell K, et al. **Anim Blood Groups Biochem Genet** 1984;15(3):191-206

Studies on the nature of the equine protease inhibitors. Ek N, et al. **Anim Blood Groups Biochem Genet** 1984; 15(2):151-4

Genetic variants of protease inhibitors against fungal protease and alpha-chymotrypsin from hemolymph of the silkworm, Bombyx mori. Eguchi M, et al. **Biochem Genet** 1984 Dec; 22(11-12):1093-102

Intron structure of the human antithrombin III gene differs from that of other members of the serine protease inhibitor superfamily. Prochownik EV, et al. **J Biol Chem** 1985 Aug 15;260(17):9608-12

Expression of the alpha 1-proteinase inhibitor gene in human monocytes and macrophages. Perlmutter DH, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):795-9

ISOLATION & PURIFICATION

Purification and characterization of two leaf polypeptide inhibitors of leaf protease from alfalfa (Medicago sativa). Gonnelli M, et al. **Arch Biochem Biophys** 1985 Apr; 238(1):206-12

Purification of a high-molecular-weight inhibitor of the calcium-activated proteinase. Lepley RA, et al. **Biochim Biophys Acta** 1985 Mar 22;828(1):95-103

Pre-alpha 2-elastase inhibitor of the horse: a hybrid molecule between alpha 1-proteinase inhibitor and alpha 2-beta 1-glycoprotein. Pellegrini A, et al. **Biochim Biophys Acta** 1985 Jul 18;830(1):20-4

Further purification and characterization of acid-stable protease inhibitor from ascites of an ovarian carcinoma patient. Akazawa K, et al. **Clin Chim Acta** 1984 Sep 15; 142(1):47-60

Protease inhibitors from the parasitic worm Parascaris equorum. Concetti A, et al. **Eur J Biochem** 1984 Dec 3; 145(2):417-21

Primary structure of Vicia angustifolia proteinase inhibitor. Shimokawa Y, et al. **Eur J Biochem** 1984 Sep 17; 143(3):677-84

Purification of thiol protease inhibitor from human lung cancer tissue. Okumichi T, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):801-8

Purification and characterization of a bovine colostrum low molecular weight cysteine proteinase inhibitor. Hirado M, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):51-8

Azuki bean (Vigna angularis) protease inhibitors: isolation and amino acid sequences. Ishikawa C, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):55-70

Murinoglobulin, a novel protease inhibitor from murine plasma. Isolation, characterization, and comparison with murine alpha-macroglobulin and human alpha-2-macroglobulin. Saito A, et al. **J Biol Chem** 1985 Jan 25;260(2):775-81

Purification and characterization of an inhibitor of the cysteine protease from the hemolymph of Sarcophaga peregrina larvae. Suzuki T, et al. **J Biol Chem** 1985 Apr 25;260(8):5115-20

Studies of the low-molecular-weight keratinase inhibitor of human epidermis. Takiuchi I, et al. **J Dermatol (Tokyo)** 1984 Apr;11(2):155-9

Partial purification and some properties of a new papain inhibitor from psoriatic scales. Järvinen M, et al. **J Invest Dermatol** 1984 May;82(5):471-6

Plasminogen activator and protease inhibitor activities in isolated rat thymocytes. Mayer M, et al. **Mol Cell Biochem** 1985 Mar;66(2):137-44

The cystatins: small protein inhibitors of cysteine proteinases. Barrett AJ. **Prog Clin Biol Res** 1985;180:105-16

Extracts of human articular cartilage contain an inhibitor of tissue metalloproteinases. Dean DD, et al. **Prog Clin Biol Res** 1985;180:265-7

Purification and characterization of a low molecular mass cysteine proteinase inhibitor from human amniotic fluid. Rohrlich ST, et al. **Prog Clin Biol Res** 1985;180:239-41

Properties of a protein that is purified from bovine skeletal muscle that inhibits the Ca2+-dependent proteinase. Shannon JD, et al. **Prog Clin Biol Res** 1985;180:257-9

Structure and function of lysosomal cysteine proteinases and their protein inhibitors. Turk V, et al. **Prog Clin Biol Res** 1985;180:91-103

A low molecular weight cysteine proteinase inhibitor from chicken skeletal muscle. Wood L, et al. **Prog Clin Biol Res** 1985;180:81-90

METABOLISM

Cellular and biochemical mechanisms involved in the degradation and healing of the cornea. The polymorphonuclear leukocyte and tear fluid serum antiproteases in human melting central corneal ulcers. Prause JU. **Acta Ophthalmol [Suppl] (Copenh)** 1984;168:1-40

Fragmentation of a 70000-dalton calpastatin molecule upon its complex formation with calpain. Shigeta K, et al. **Biochem Int** 1984 Sep;9(3):327-33

Calorimetric studies of the binding of Streptomyces subtilisin inhibitor to subtilisin of Bacillus subtilis strain N'. Takahashi K, et al. **Biochemistry** 1985 Jan 15;24(2):297-300

Polypeptide proteinase inhibitor from human articular cartilage. Lesjak MS, et al. **Biochim Biophys Acta** 1984 Sep 25;789(3):266-77

Evidence for a proteinase inhibitor binding component associated with murine spermatozoa. Aarons D, et al. **Biol Reprod** 1984 Nov;31(4):811-7

Competition between seminal and exogenous proteinase inhibitors for sites on murine epididymal sperm. Aarons D, et al. **Contraception** 1985 Feb;31(2):177-84

Reversible interaction between Ca2+-activated neutral protease (CANP) and its endogenous inhibitor. Imajoh S, et al. **FEBS Lett** 1985 Jul 22;187(1):47-50

Interactions of the complex between human urinary trypsin inhibitor and human leukocyte elastase with alpha 1-proteinase inhibitor and alpha 2-macroglobulin. Jönsson BM, et al. **Hoppe Seylers Z Physiol Chem** 1984 Dec; 365(12):1403-8

Distribution of calpain I, calpain II, and calpastatin in bovine lens. Yoshida H, et al. **Invest Ophthalmol Vis Sci** 1985 Jul; 26(7):953-6

Increases in cathepsins B and L and thiol proteinase inhibitor in muscle of dystrophic hamsters. Their localization in invading phagocytes. Kominami E, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1841-8

The protease specificity of heparin cofactor II. Inhibition of thrombin generated during coagulation. Parker KA, et al. **J Biol Chem** 1985 Mar 25;260(6):3501-5

Protease nexin. Properties and a modified purification procedure. Scott RW, et al. **J Biol Chem** 1985 Jun 10; 260(11):7029-34

Active proteinase inhibitors associated with human breast epithelial cells. Gendler SJ, et al. **J Cell Biochem** 1984; 26(3):157-67

Effect of inhibitors of proteolysis and arachidonic acid metabolism on burn-induced protein breakdown. Odessey R. **Metabolism** 1985 Jul;34(7):616-20

[Protease and protease inhibitor from nasal secretions and mucosal extracts] Fukuda K, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Aug;87(8):936-43 (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

Effect of proteinase inhibitors on rabbit uterine ultrastructure. Lescoat D. **Acta Anat (Basel)** 1985;121(1):17-20

Is protease activity involved in fast axonal transport? Edström A, et al. **Acta Physiol Scand** 1984 Aug; 121(4):379-84

Substrate and inhibitor specificity of a transient, soluble proteolytic activity from sheep rumen. Baintner K, et al. **Acta Vet Hung** 1984;32(1-2):87-90

Antioxidant activity of some antiproteases. Shasby DM. **Am Rev Respir Dis** 1985 Feb;131(2):293-4

Selective inhibition of the accumulation of extracellular proteases of Pseudomonas aeruginosa by gentamicin and tobramycin. Warren RL, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):468-72

Inhibition of cysteine proteinases and dipeptidyl peptidase I by egg-white cystatin. Nicklin MJ, et al. **Biochem J** 1984 Oct 1;223(1):245-53

Human bronchial leucocyte proteinase inhibitor. Rapid isolation and kinetic analysis with human leucocyte proteinases. Smith CE, et al. **Biochem J** 1985 Jan 15; 225(2):463-72

Active site directed N-carboxymethyl peptide inhibitors of a soluble metalloendopeptidase from rat brain. Chu TG, et al. **Biochemistry** 1984 Jul 31;23(16):3598-603

Inhibition of horse leucocyte proteinases by eglin, a proteinase inhibitor from leeches. Potempa J, et al. **Biomed Biochim Acta** 1985;44(2):335-9

Protection against dimethylhydrazine-induced adenomatous tumors of the mouse colon by the dietary addition of an extract of soybeans containing the Bowman-Birk protease inhibitor. Weed HG, et al. **Carcinogenesis** 1985 Aug; 6(8):1239-41

Neuronal cell behaviour: modulation by protease inhibitors derived from non-neuronal cells. Monard D. **Cell Biol Int Rep** 1985 Apr;9(4):297-305

Medicinal chemical studies on synthetic protease inhibitors, trans-4-guanidinomethylcyclohexanecarboxylic acid aryl esters. Satoh T, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb; 33(2):647-54

Failure of a protease inhibitor to affect the cardiopulmonary response to endotoxin when combined with a cyclooxygenase inhibitor. Traber DL, et al. **Circ Shock** 1984;13(4):319-23

Mutual inhibitory effect of calpastatins on calpains from carp muscle, carp erythrocytes and rat liver. Toyohara H, et al. **Comp Biochem Physiol [B]** 1985;81(3):579-81

[Effect of a specific serine protease inhibitor on the rat pancreas. II. Influence of camostate on the endocrine pancreas. Göke B, et al. **Digestion** 1985;31(2-3):128-35

Effect of a specific serine protease inhibitor on the rat pancreas: systemic administration of camostate and exocrine pancreatic secretion. Göke B, et al. **Digestion** 1984; 30(3):171-8

Tripeptide aldehyde protease inhibitors may depress in vitro prolactin and growth hormone release. Nagy I, et al. **Endocrinology** 1985 Apr;116(4):1426-32

Physical dependence produced by chronic intracerebroventricular infusion of [D-Arg]kyotorphin or thiorphan to rats. Bean AJ, et al. **Eur J Pharmacol** 1984 Oct 15;105(3-4):333-7

Changes in turnover of cerebral monoamines following inhibition of enkephalin metabolism by thiorphan and bestatin. Llorens-Cortes C, et al. **Eur J Pharmacol** 1984 Sep 17;104(3-4):369-74

Increased survival of rat hepatocytes in serum-free medium by inhibition of a trypsin-like protease associated with their plasma membranes. Nakamura T, et al. **Exp Cell Res** 1984 Nov;155(1):81-91

Inhibition of human sperm penetration into zona-free hamster oocytes by proteinase inhibitors. Van der Ven HH, et al. **Fertil Steril** 1985 Apr;43(4):609-16

Efficacy of Vinca rosea extracts against protease from human pathogenic strains of Trichophyton rubrum Sab. Chile SK, et al. **Hindustan Antibiot Bull** 1984 Aug-Nov;26(3-4):114-6

Effect of short-term peroral administration of synthetic trypsin inhibitor on endocrine secretion in the isolated perfused rat pancreas. Sakamoto C, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:7-10

Horse leucocyte proteinase-inhibitor system. Kinetic parameters of the inhibition reaction. Dubin A, et al. **Int J Biochem** 1985;17(4):509-13

Cystatin S: a cysteine proteinase inhibitor of human saliva. Isemura S, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1311-4

Degradation of short and long lived proteins in isolated rat liver lysosomes. Effects of pH, temperature, and proteolytic inhibitors. Ahlberg J, et al. **J Biol Chem** 1985 May 10; 260(9):5847-54

Stabilization of thymic glucocorticoid-receptor complexes by the calcium-activated protease inhibitor, calpastatin. Bodwell JE, et al. **J Biol Chem** 1985 Mar 10;260(5):2601-4

The regulation of human factor XIIa by plasma proteinase inhibitors. Pixley RA, et al. **J Biol Chem** 1985 Feb 10; 260(3):1723-9

Rapid killing of actinomycin D-treated tumor cells by human monocytes. II. Cytotoxicity is independent of secretion of reactive oxygen intermediates and is suppressed by protease inhibitors. Colotta F, et al. **J Immunol** 1985 May; 134(5):3524-31

Inhibitors of metalloendoprotease activity prevent K+-stimulated neurotransmitter release from the retina of Xenopus laevis. Frederick JM, et al. **J Neurosci** 1984 Dec; 4(12):3112-9

Thiorphan and analogs: lack of correlation between potency to inhibit 'enkephalinase A' in vitro and analgesic potency in vivo. Mendelsohn LG, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):386-90

Effects of proteinase inhibitors on preimplantation embryos in the rat. Ichikawa S, et al. **J Reprod Fertil** 1985 Mar; 73(2):385-90

Pharmacological studies of FUT-175, nafamstat mesilate. I. Inhibition of protease activity in in vitro and in vivo experiments. Aoyama T, et al. **Jpn J Pharmacol** 1984 Jul; 35(3):203-27

Effects of trypsin inhibitor on the remnant pancreas after 85 percent pancreatectomy in rats. Baba N, et al. **Jpn J Surg** 1984 Sep;14(5):420-31

A novel inhibitor of mammalian collagenase. Clark DE, et al. **Life Sci** 1985 Aug 12;37(6):575-8

Various proteinase inhibitors decrease prolactin and growth hormone release by anterior pituitary cells. Rappay G, et al. **Life Sci** 1985 Feb 11;36(6):549-55

Influence of proteinase inhibitors on glucocorticoid receptor properties: recent progress and future perspectives. Hubbard JR, et al. **Mol Cell Biochem** 1985 Mar;66(2):101-9 (51 ref.)

Protease inhibition increases the analgesic potency of peptide E. Westphal M, et al. **Neuropharmacology** 1985 Feb; 24(2):173-5

Effect of protease inhibitors on short-term proteolysis in hepatocytes. Russell JL, et al. **Prog Clin Biol Res** 1985; 180:495-7

Biochemical properties and possible therapeutic role of the elastase inhibitor eglin C. Schnebli HP, et al. **Prog Clin Biol Res** 1985;180:287-90

Late preventive effects on carbon tetrachloride-induced necrosis of the inhibitor of proteases 1-1-chloro-3-tosyl amido-7-amino-2-heptanone (TLCK). de Ferreyra EC, et al. **Res Commun Chem Pathol Pharmacol** 1984 Nov; 46(2):289-92

Synthetic protease inhibitors and post-ejaculatory degradation of human semen proteins. Lilja H, et al. **Scand J Clin Lab Invest** 1984 Sep;44(5):433-8

Leupeptin, a protease inhibitor, blocks insemination-induced flight muscle histolysis in the fire ant Solenopsis. Jones RG, et al. **Tissue Cell** 1985;17(1):111-6

Fractionation of red diamond rattlesnake (Crotalus ruber ruber) venom: protease, phosphodiesterase, L-amino acid oxidase activities and effects of metal ions and inhibitors on protease activity. Mackessy SP. **Toxicon** 1985; 23(2):337-40

[Synthetic inhibitors of serine proteinases. 31. The inhibition of trypsin, plasmin and thrombin by isomeric compounds of N alpha -arylsulfonylated omega-amidinophenyl-alpha-aminoalkylcarboxylic acid amides] Stürzebecher J, et al. **Pharmazie** 1984 Jun; 39(6):411-3 (Eng. Abstr.) **(Ger)**

[The effect of oral synthetic protease inhibitor (FOY 305) on endocrine pancreas and carbohydrate and lipid metabolism in normal and streptozotocin-induced diabetic rats] Eto M, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 May 20;60(5):684-95 (Eng. Abstr.) **(Jpn)**

[Deoxyribonucleic acid and protein synthesis in delayed mouse blastocysts in vitro] Kubo H, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1187-96 (Eng. Abstr.) **(Jpn)**

[Protective effect of a protease inhibitor 'Aprotinin' on acute ischemic myocardium] Tanaka H, et al. **Rinsho Kyobu Geka** 1984 Sep;4(5):544-9 (Eng. Abstr.) **(Jpn)**

[Effect of protease inhibitors on the anti-enzymatic and surface activities of bronchoalveolar contents in infectious-toxic shock] Protsenko VA, et al. **Patol Fiziol Eksp Ter** 1984 Nov-Dec;(6):49-52 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Cellular proteinases and their inhibitors. **Prog Clin Biol Res** 1985;180:3-9

THERAPEUTIC USE

Primary tumor growth and formation of spontaneous lung metastases in mice bearing Lewis carcinoma treated with proteinase inhibitors. Giraldi T, et al. **Anticancer Res** 1984 Jul-Oct;4(4-5):221-4

Application of a synthetic serine protease inhibitor in the treatment of DIC. Kosaki G, et al. **Bibl Haematol** 1983; (49):317-27

The effect of furoyl saccharin, a novel non-peptidic acylating protease inhibitor, on experimental emphysema in the hamster. Martorana PA, et al. **Eur J Respir Dis** 1985 Apr; 66(4):297-301

Protease inhibitors as anticarcinogens. Troll W, et al. **JNCI** 1984 Dec;73(6):1245-50

Beneficial effects of a neutral protease inhibitor in traumatic shock. Hock CE, et al. **Pharmacol Res Commun** 1985 Mar; 17(3):217-26

[Protease inhibitors and antifibrinolytic therapy] Manrique R. **Arq Bras Cardiol** 1984 Nov;43(5):355-60 **(Por)**

[Use of protease inhibitors on burn patients] Mullakandov SA, et al. **Klin Khir** 1985 Mar;(3):43-4 (Eng. Abstr.) **(Rus)**

[Detoxication and antiproteolytic therapy of radiation complications] Iakhontov NE, et al. **Med Radiol (Mosk)** 1984 Nov;29(11):76-7 **(Rus)**

[Therapeutic action of contrical instillations in purulent ulcerative keratitis] Ostashevskiĭ VL, et al. **Oftalmol Zh** 1984;(6):350-3 (Eng. Abstr.) **(Rus)**

[Use of proteolytic inhibitors in treating ulcerous and necrotic processes of the oral mucosa] Shvets LG, et al. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):26-8 (Eng. Abstr.) **(Rus)**

[Use of proteinase inhibitors on patients with different clinico-morphological forms of atopic dermatitis] Glukhen'kiĭ BT, et al. **Vestn Dermatol Venerol** 1985 Jan; (1):53-6 (Eng. Abstr.) **(Rus)**

[Role of proteolytic enzymes in the pathogenesis of the toxic syndrome in peritonitis] Sinovets AA, et al. **Vestn Khir** 1985 Jan;134(1):71-3 **(Rus)**

[Proteolytic enzymes and their inhibitors in clinical and experimental oncology] Geshelin SA, et al. **Vopr Onkol** 1984;30(10):9-18 (97 ref.) **(Rus)**

[Antiviral and therapeutic action of protease inhibitors in viral infections: experimental and clinical observations] Zhirnov OP, et al. **Vopr Virusol** 1984 Jul-Aug;29(4):491-7 (Eng. Abstr.) **(Rus)**

[Effect of proteinase inhibitors on the blood clotting system and fibrinolysis in bronchial asthma patients] Miagkov II, et al. **Vrach Delo** 1984 Dec;(12):41-3 (Eng. Abstr.) **(Rus)**

TOXICITY

Sulfhydryl groups and food safety. Friedman M. **Adv Exp Med Biol** 1984;177:31-63 (164 ref.)

URINE

Measurement of thiol protease inhibitor in human and rabbit urine. Hayashi M, et al. **Hiroshima J Med Sci** 1984 Sep; 33(3):349-52

Slow migrating proteinase inhibitors in human urine. Odum L, et al. **Hoppe Seylers Z Physiol Chem** 1984 Dec; 365(12):1469-73

PROTEASES see **PEPTIDE HYDROLASES**

PROTECTIVE CLOTHING

Site-specific whole glove chemical permeation. Berardinelli SP, et al. **Am Ind Hyg Assoc J** 1985 Feb;46(2):60-4

The efficacy of laundering captan and Guthion contaminated fabrics. Easter EP, et al. **Arch Environ Contam Toxicol** 1985 May;14(3):281-7

Effect of fabric geometry on resistance to pesticide penetration and degradation. Raheel M, et al. **Arch Environ Contam Toxicol** 1985 May;14(3):273-9

The effect of the UK aircrew chemical defence assembly on thermal strain. Thornton R, et al. **Aviat Space Environ Med** 1985 Mar;56(3):208-11

The influence of clothing on human intrathoracic pressure during airblast. Young AJ, et al. **Aviat Space Environ Med** 1985 Jan;56(1):49-53

Force capability differences due to gloves. Riley MW, et al. **Ergonomics** 1985 Feb;28(2):441-7

Reduction of isometric muscle endurance after wearing impermeable gas protective clothing. Smolander J, et al. **Eur J Applied Physiol** 1984;53(1):76-80

Cardiorespiratory and thermal effects of wearing gas protective clothing. Smolander J, et al. **Int Arch Occup Environ Health** 1984;54(3):261-70

Reducing self-injury and corresponding self-restraint through the strategic use of protective clothing. Silverman K, et al. **J Appl Behav Anal** 1984 Winter;17(4):545-52

Lower body positive pressure vs. dopamine during PEEP in humans. Payen DM, et al. **J Appl Physiol** 1985 Jan; 58(1):77-82

Heat exchanges in wet suits. Wolff AH, et al. **J Appl Physiol** 1985 Mar;58(3):770-7

The effect of surgical gowns made with barrier cloth on bacterial dispersal. Matthews J, et al. **J Hyg (Lond)** 1985 Aug;95(1):123-30

The danger of wearing impermeable clothing while spraying. O'Neill DH, et al. **J Soc Occup Med** 1985 Feb;35(1):10-3

Biopsychological responses of medical unit personnel wearing chemical defense ensemble in a simulated chemical warfare environment. Carter BJ, et al. **Milit Med** 1985 May;

150(5):239-49

Impact of the chemical protective ensemble on the performance of basic medical tasks. King JM, et al. **Milit Med** 1984 Sep;149(9):496-501

Chemical protective clothing: determining good performance. Coletta GC, et al. **Occup Health Saf** 1985 Apr;54(4):20-1, 23, 72

Chemical protective clothing: the influence of federal agencies. Coletta GC. **Occup Health Saf** 1985 Jul;54(7):27-9

[Gaps in asepsis due to surgical caps, face masks, external surfaces of infusion bottles and sterile wrappers of disposable articles] Gräf W, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec; 179(6):508-28 (Eng. Abstr.) **(Ger)**

[Research results with a model prototype of dimensionless composite heat-resistant clothing] Busygina LK, et al. **Gig Tr Prof Zabol** 1984 Jul;(7):32-7 (Eng. Abstr.) **(Rus)**

[Effectiveness of antimicrobial underwear in the prevention of secondary pyoderma] Fedorovskaia RF, et al. **Vestn Dermatol Venerol** 1984 Sep;(9):46-8 (Eng. Abstr.) **(Rus)**

[Thicker clothing of long-distance runners protects against molluscum contagiosum] Nordin P, et al. **Lakartidningen** 1985 May 29;82(22):2081-3 **(Swe)**

STANDARDS

Permeation of chlorinated aromatic compounds through Viton and nitrile glove materials. Mikatavage M, et al. **Am Ind Hyg Assoc J** 1984 Sep;45(9):617-21

Permeation of eleven protective garment materials by four organic solvents. Stampfer JF, et al. **Am Ind Hyg Assoc J** 1984 Sep;45(9):642-54

Permeation of polychlorinated biphenyls and solutions of these substances through selected protective clothing materials. Stampfer JF, et al. **Am Ind Hyg Assoc J** 1984 Sep;45(9):634-41

Permeability of latex and polyvinyl chloride gloves to 20 antineoplastic drugs. Laidlaw JL, et al. **Am J Hosp Pharm** 1984 Dec;41(12):2618-23

In vivo and in vitro testing of gloves for protection against UV-curable acrylate resin systems. Rietschel RL, et al. **Contact Dermatitis** 1984 Nov;11(5):279-82

Going the extra 'foot' for workers involves more than measuring stick. Aydelotte C. **Occup Health Saf** 1985 Jun; 54(6):88

Chemical protective clothing: testing strategy and test methods. Coletta GC. **Occup Health Saf** 1985 May; 54(5):49-52

Chemical protective clothing: laboratory vs. field performance. Coletta GC. **Occup Health Saf** 1985 Jun; 54(6):85-7, 90

Chemical protective clothing: certification of performance. Coletta GC, et al. **Occup Health Saf** 1985 Aug;54(8):18, 20, 22

PROTECTIVE DEVICES

Individual factors in the choice of respiratory protective devices. Beckett WS, et al. **Am Ind Hyg Assoc J** 1985 May; 46(5):274-6

A comparison of iron oxide fume inside and outside of welding helmets. Goller JW, et al. **Am Ind Hyg Assoc J** 1985 Feb;46(2):89-93

Effects of exercise using industrial respirators. Harber P, et al. **Am Ind Hyg Assoc J** 1984 Sep;45(9):603-9

Workplace protection factor measurements on powered air-purifying respirators at a secondary lead smelter: results and discussion. Myers WR, et al. **Am Ind Hyg Assoc J** 1984 Oct;45(10):681-8

Comparison of mass concentrations determined with personal respirable coal mine dust samplers operating at 1.2 liters per minute and the Casella 113A gravimetric sampler (MRE). Treaftis HN, et al. **Am Ind Hyg Assoc J** 1984 Dec; 45(12):826-32

Effects of air temperatures and humidities on efficiencies and lifetimes of air-purifying chemical respirator cartridges tested against methyl iodide. Wood GO. **Am Ind Hyg Assoc J** 1985 May;46(5):251-6

A new corneal protector for oculoplastic surgery. Tse DT, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):484-5

Auto safety regulation variable: a reply to Robertson [letter] Orr L. **Am J Public Health** 1985 Jul;75(7):789-90

Another use for an oxygen analyser [letter] Ritchie PA. **Anaesthesia** 1984 Oct;39(10):1038-9

Effect of rebreathing on psychomotor skills when wearing integral crash helmets. Malins AF, et al. **Arch Emerg Med** 1984 Jun;1(2):101-4

Head protection for horse riders: a cause for concern. Muwanga LC, et al. **Arch Emerg Med** 1985 Jun;2(2):85-7

Helmets, head injuries and motorcycles. Harrington T. **Ariz Med** 1984 Dec;41(12):802-4

Cardiovascular responses to isometric neck muscle contractions: results after dynamic exercise with various headgear loading configurations. Phillips CA, et al. **Aviat Space Environ Med** 1984 Aug;55(8):740-5

The influence of clothing on human intrathoracic pressure during airblast. Young AJ, et al. **Aviat Space Environ Med** 1985 Jan;56(1):49-53

Effects of different ways of covering the eyes on behavior of jaundiced infants treated with phototherapy. Paludetto R, et al. **Biol Neonate** 1985;47(1):1-8

Leg support for the postoperative protection of the heel in patients with diabetes mellitus. Delbridge L, et al. **Br J Surg** 1985 Feb;72(2):87

Safety measures associated with the use of organophosphate insecticides in the Haitian malaria control programme. Warren M, et al. **Bull WHO** 1985;63(2):345-51

Alterations in head dynamics with the addition of a hockey helmet and face shield under inertial loading. Smith AW, et al. **Can J Appl Sport Sci** 1985 Jun;10(2):68-74

Clinical and pathological studies of brain injuries in horse-riding accidents: a description of cases and review with a warning to the unhelmeted. Ilgren EB, et al. **Clin Neuropathol** 1984 Nov-Dec;3(6):253-9

Facial dermatitis from epoxy resin in a helmet. Malanin G, et al. **Contact Dermatitis** 1985 Apr;12(4):221

Eye protection during sclerotherapy [letter] Kleinman MS, et al. **Gastrointest Endosc** 1984 Dec;30(6):375-6

A statewide hospital-based program to improve child passenger safety. Colletti RB. **Health Educ Q** 1984 Summer; 11(2):207-13

A community health education approach to occupant protection. Gemming MG, et al. **Health Educ Q** 1984 Summer;11(2):147-58

Factors associated with the use of child restraint devices. Gielen AC, et al. **Health Educ Q** 1984 Summer; 11(2):195-206

Resource guide to occupant protection programs and materials. Hollenbach K, et al. **Health Educ Q** 1984 Summer;11(2):215-20

Occupant protection as a priority in national efforts to promote health. McGinnis JM. **Health Educ Q** 1984 Summer;11(2):127-31

Developing motor vehicle occupant protection programs in local health departments. Reynolds JA, et al. **Health Educ Q** 1984 Summer;11(2):159-70

Preventing death and injury in childhood: a synthesis of child safety seat efforts. Roberts MC, et al. **Health Educ Q** 1984 Summer;11(2):181-93

Reducing motor vehicle trauma through health promotion programming. Sleet DA. **Health Educ Q** 1984 Summer; 11(2):113-25

Health promotion approaches to occupant protection: an epidemiologic framework. Tolsma DD. **Health Educ Q** 1984 Summer;11(2):133-40

Safety with lasers [letter] Wolfe JA. **Health Phys** 1985 Jul; 49(1):113

Reduction of grinder vibration by balancing. Miwa T, et al. **Ind Health** 1984;22(2):59-74

Safety seat use in Indiana prior to mandatory legislation. Stroup KB, et al. **Indiana Med** 1984 Nov;77(11):866-9

Cardiorespiratory strain in jobs that require respiratory protection. Louhevaara V, et al. **Int Arch Occup Environ Health** 1985;55(3):195-206

Reducing self-injury and corresponding self-restraint through the strategic use of protective clothing. Silverman K, et al. **J Appl Behav Anal** 1984 Winter;17(4):545-52

The corneal shield. Rabinovitz HS, et al. **J Dermatol Surg Oncol** 1985 Mar;11(3):207-8

Child safety restraint 'loaner' programs. An evaluation of legal issues. Adler PW. **J Leg Med (Chicago)** 1985 Jun; 6(2):191-221

Safety and the child. McCord N. **J Med Assoc Ga** 1985 Apr; 74(4):242-3

Prevention of nervous system trauma from travel in motor vehicles. Lipe HP. **J Neurosurg Nurs** 1985 Apr;17(2):77-82

Effects of an SCBA on breathing pattern, gas exchange, and heart rate during exercise. Louhevaara V, et al. **J Occup Med** 1985 Mar;27(3):213-6

Insulation for the electrosurgical tip. Abubaker AO. **J Oral Maxillofac Surg** 1985 May;43(5):393

Technique for constructing custom thumb-chewing guards. Engelmeier RL. **J Prosthet Dent** 1985 Jul;54(1):154-5

Lip injury guard. Robins MK, et al. **J Prosthet Dent** 1985 Mar;53(3):439-40

Towards preventing reinjury in contact sport. Doran GA. **J Sports Med Phys Fitness** 1984 Jun;24(2):90-3

Recommended helmet removal techniques in a cervical spine injured patient. Aprahamian C, et al. **J Trauma** 1984 Sep; 24(9):841-2

Bilateral first rib fractures induced by integral crash helmets. Hoekstra HJ, et al. **J Trauma** 1985 Jun;25(6):566-7

The biomechanics of helmets and helmet removal. Meyer RD, et al. **J Trauma** 1985 Apr;25(4):329-32

Safety helmets for pedal cyclists [editorial] McDermott FT. **Med J Aust** 1985 May 13;142(10):538

The inertial and geometrical properties of helmets. Njus GO, et al. **Med Sci Sports Exerc** 1984 Oct;16(5):498-505

Protection of the police against tear gas with soft lenses. Kok-van Aalphen CC, et al. **Milit Med** 1985 Aug; 150(8):451-4

Risks of drowning in fenced and unfenced domestic swimming pools. Fergusson DM, et al. **NZ Med J** 1984 Nov 14;97(767):777-9

Cycle accidents [letter] Gunn A. **NZ Med J** 1984 Nov 28; 97(768):832

Hearing protection for industry: types, selection vary with needs. **Occup Health Saf** 1985 Jul;54(7):22-5

Vision losses prevented by using protective eyewear. Rosenwasser TL, et al. **Occup Health Saf** 1985 Apr; 54(4):63-6

Prevention of ocular gunshot injuries using polycarbonate lenses. Simmons ST, et al. **Ophthalmology** 1984 Aug; 91(8):977-83

The otolaryngologist and hearing protectors. Alberti PW, et al. **Otolaryngol Clin North Am** 1984 Nov;17(4):633-40

Evaluation of two comprehensive infant car seat loaner programs with 1-year follow-up. Christophersen ER, et al. **Pediatrics** 1985 Jul;76(1):36-42

Physiological effects associated with the use of respiratory protective devices. A review. Louhevaara VA. **Scand J Work Environ Health** 1984 Oct;10(5):275-81 (65 ref.)

Protective helmets for infants and children on bicycles [letter] Long MT. **West J Med** 1985 Jun;142(6):835

[Congruent corneal cap of metal foil as protection of the eye against light and heat from operation lamps] Payer H. **Klin Monatsbl Augenheilkd** 1985 Jan;186(1):46-7 (Eng. Abstr.) **(Ger)**

[Pneumatic cold cap for the prevention of doxorubicin-induced alopecia] Samonigg H, et al. **Wien Med Wochenschr** 1984 Nov 15;134(21):467-70 (Eng. Abstr.) **(Ger)**

[Screens for the protection of the spinal cord in radiotherapy with counter-posed cape-shaped fields] Micheletti E, et al. **Radiol Med (Torino)** 1984 Jun;70(6):428-31 **(Ita)**

STANDARDS

'Respirator evaluation for carbon setters with beards' [letter] **Am Ind Hyg Assoc J** 1984 Dec;45(12):B18, B20

Absorbed carbon dioxide as control of the quality of soda lime and of closed-circuit isolating breathing apparatus. Radić S, et al. **Arh Hig Rada Toksikol** 1983 Dec; 34(4):329-40

Child safety seats: proper use and selection. Bull MJ, et al. **Indiana Med** 1984 Oct;77(10):775-9, 823, 830

Head and neck injuries to motorcycle and moped riders--with special regard to the effect of protective helmets. Krantz KP. **Injury** 1985 Jan;16(4):253-8

An evaluation of the effectiveness of three hearing protection devices at an industrial facility with a TWA of 107 dB. Royster LH, et al. **J Acoust Soc Am** 1984 Aug;76(2):485-97

Biomechanics justification for empirical head tolerance criteria. Lockett FJ. **J Biomech** 1985;18(3):217-24

Auto safety. Pregnancy and the newborn. Krozy RE, et al. **J Obstet Gynecol Neonatal Nurs** 1985 Jan-Feb;14(1):11-5

Eye-safety requirements for Nd:YAG laser application in gastroenterology, urology, and neurosurgery. Frank F, et al. **Lasers Surg Med** 1984;4(3):233-40

Ultraviolet and visible radiation transmission properties of some types of protective eyewear. Moseley H. **Phys Med Biol** 1985 Feb;30(2):177-81

[Attenuation efficiency of hearing protectors for workers exposed to noise] Murakami M, et al. **Sangyo Igaku** 1984 Mar;26(2):178-9 **(Jpn)**

VETERINARY

Protecting eyes [letter] Nagle AC. **J Am Vet Med Assoc** 1984 Oct 15;185(8):839-40

An unusual case of intracranial suppuration. Prober CG, et al. **Pediatr Infect Dis** 1985 Jan-Feb;4(1):101-3

PROTEIN A see **STAPHYLOCOCCAL PROTEIN A**

PROTEIN ARGININE METHYLTRANSFERASE see under **PROTEIN METHYLTRANSFERASES**

PROTEIN BINDING

see related
BLOOD PROTEINS
CARRIER PROTEINS
THYROXINE BINDING PROTEIN

Theory of counterion electrophoresis. Guidelines for determination of ligand-binding parameters. Cann JR, et al. **Biophys Chem** 1985 Feb;21(2):81-9

Covalent binding of diethylstilbestrol to microsomal protein in vitro correlates with the organotropism of its carcinogenicity. Haaf H, et al. **Carcinogenesis** 1985 Apr; 6(4):659-60

Binding of [14C]tuberactinomycin O to ribosomes from Mycobacterium smegmatis. Yamada T, et al. **J Antibiot (Tokyo)** 1985 Feb;38(2):266-9

Increased non-specific binding of heat-treated proteins to plastic surfaces analyzed by ELISA and HPLC-fractionation. Husby S, et al. **J Immunoassay** 1985; 6(1-2):95-110

Interactions of apomorphine with serum and tissue proteins. Smith RV, et al. **J Med Chem** 1985 May;28(5):613-20

Effect of nonlinear protein binding on equilibration times for different initial conditions. Bayne WF, et al. **J Pharm Sci** 1985 Feb;74(2):120-3

The relationship between zeros and factors of binding polynomials and cooperativity in protein-ligand binding. Briggs WE. **J Theor Biol** 1985 Jun 21;114(4):605-14

Drug binding to plasma proteins. Paxton JW. **NZ Med J** 1985 Apr 10;98(776):245-8

The role of protein binding in drug therapy. Holtzman JL. **Ration Drug Ther** 1984 Sep;18(9):1-5 (19 ref.)

[Binding of porphyrins to intracellular proteins] Cervinka J, et al. **Cas Lek Cesk** 1984 Aug 17;123(33):1015-7 (Eng. Abstr.) **(Cze)**

PROTEIN BINDING RADIOASSAY see **RADIOLIGAND ASSAY**

PROTEIN-BOUND IODINE TEST

METHODS

[Experimental and clinical evaluation of a magnetic T3 uptake kit] Kasagi K, et al. **Radioisotopes** 1984 Jun; 33(6):383-6 (Jpn)

[Triiodothyronine uptake assay with magnetic force as a method for bound-free separation] Taguchi H, et al. **Radioisotopes** 1984 Jul;33(7):459-62 (Jpn)

PROTEIN-CALORIE MALNUTRITION

BLOOD

Serum immunoreactive erythropoietin and erythropoiesis in protein-energy malnutrition. Wickramasinghe SN, et al. **Br J Haematol** 1985 Jul;60(3):515-24

Plasma lipids and lipoprotein cholesterol in undernourished diabetic subjects and adults with protein energy malnutrition. Das S, et al. **Diabetes Care** 1984 Nov-Dec; 7(6):579-86

A profile of ammonia-urea values in blood and cerebrospinal fluid in children with protein energy malnutrition. Abo-Hussein SA, et al. **J Trop Med Hyg** 1984 Dec; 87(6):237-40

The response of fibronectin to differing parenteral caloric sources in normal man. Horowitz GD, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul-Aug;9(4):435-8

[Transfer of 59Fe to reticulocytes from transferrin in the serum of children with signs of protein-calorie malnutrition] Scaro JL, et al. **Sangre (Barc)** 1984; 29(3):287-93 (Eng. Abstr.) **(Spa)**

CLASSIFICATION

Protein-energy malnutrition: an integral approach and a simple new classification. Gassull MA, et al. **Hum Nutr Clin Nutr** 1984 Nov;38(6):419-31

COMPLICATIONS

Nutritional status of patients with untreated cervical cancer. I. Biochemical and immunologic assessment. Orr JW Jr, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):625-31

The role of undernutrition in the pathogenesis of diabetes mellitus. Rao RH. **Diabetes Care** 1984 Nov-Dec; 7(6):595-601

A case in which treatment proved the diagnosis. McCauley KM, et al. **Geriatrics** 1984 Oct;39(10):114-7

Correlation between protein-energy malnutrition and vitamin-mineral deficiencies in the young. Mejía LA, et al. **Int Z Vitam Ernahrungsforsch [Beih]** 1984;26:45-58 (32 ref.)

A possible explanation of the effects of dietary lactose concentration during recovery of protein depletion in growing rats. Felipoff AL, et al. **Med Hypotheses** 1985 Feb;16(2):165-70

Is protein-calorie malnutrition a problem in alcoholic hepatitis? **Nutr Rev** 1985 Apr;43(4):108-9 (7 ref.)

Prenatal protein-calorie malnutrition and brain development. Winick M. **Prog Clin Biol Res** 1985;163B:397-402

[The nutritional immunodeficiency syndrome] Cuisinier-Raynal JC, et al. **Med Trop (Mars)** 1985 Apr-Jun; 45(2):135-43 (Eng. Abstr.) **(Fre)**

[Tropical ataxia. Clinical and nutritional study] Tranchant D, et al. **Med Trop (Mars)** 1985 Apr-Jun;45(2):175-7 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

A protein energy malnutrition scale (PEMS). Linn BS. **Ann Surg** 1984 Dec;200(6):747-52

Age independent criteria for detection of PEM. Malik A, et al. **Indian Pediatr** 1984 Mar;21(3):213-6

Anthropometry in detection of protein energy malnutrition. Sood AK, et al. **Indian Pediatr** 1984 Aug;21(8):635-9

A prognostic inflammatory and nutritional index scoring critically ill patients. Ingenbleek Y, et al. **Int J Vitam Nutr Res** 1985;55(1):91-101

Longitudinal study of the nitroblue tetrazolium test in children with protein-calorie malnutrition. Machado RM, et al. **J Trop Pediatr** 1985 Apr;31(2):74-7

The use of mid-arm circumference for screening malnutrition in preschool children. Ng TK. **Med J Malaysia** 1984 Mar; 39(1):28-34

QT interval in early human malnutrition and after nutritional rehabilitation [letter] Fagioli I, et al. **Pediatr Cardiol** 1985; 6(1):52-3

[Evaluation of protein-calorie malnutrition in Crohn's disease] Adler M, et al. **Acta Gastroenterol Belg** 1984 May-Jun;47(3):303-8 (Eng. Abstr.) **(Fre)**

[Evaluation and epidemiologic surveillance of nutritional deficiencies. Principles and application to elementary health units] Guelain J, et al. **Med Trop (Mars)** 1985 Apr-Jun; 45(2):123-33 (Eng. Abstr.) **(Fre)**

[Comparative study of different anthropometric indicators of nutritional status] González-Richmond A, et al. **Bol Med Hosp Infant Mex** 1984 Nov;41(11):594-604 (Eng. Abstr.) **(Spa)**

DIET THERAPY

A semi-elemental diet with low osmolarity and high content of hydrolyzed lactalbumin in the treatment of acute diarrhea in malnourished children. Eichenberger JR, et al. **Arq Gastroenterol** 1984 Jul-Sep;21(3):130-5

Supplementary nutrition programmes. Mathur YC. **Indian Pediatr** 1984 Jun;21(6):431-3

Domicilliary management of severe PEM. Rao MN, et al. **Indian Pediatr** 1984 May;21(5):389-94

A supplementary feeding programme for the management of severe and moderate malnutrition outside hospital. Gueri M, et al. **J Trop Pediatr** 1985 Apr;31(2):101-8

Management of severely malnourished children by village workers in integrated child development services in India. Tandon BN. **J Trop Pediatr** 1984 Oct;30(5):274-9

Noninvasive outpatient nutritional therapy in inflammatory bowel disease. Neidich G, et al. **JPEN J Parenter Enteral Nutr** 1985 May-Jun;9(3):350-2

[Nutritional support in the critical surgical patient. Current orientation] Lombardi M, et al. **Minerva Med** 1984 Sep 15;75(35):1997-8 **(Ita)**

[Biological evaluation, in rats and in humans, of a milk product without lactose, and of a soybean protein formula for use in protein-calorie malnutrition] Sotelo A, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):333-42 (Eng. Abstr.) **(Spa)**

EMBRYOLOGY

[Characteristics of the histogenesis of the cerebral cortex in mice with protein-energy deficiency during the prenatal period of body development] Savrova OB, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):738-40 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Serum aminotransferases and gamma-glutamyl transferase in protein energy malnutrition. Rao A, et al. **Trop Geogr Med** 1985 Mar;37(1):11-4

ETIOLOGY

Interaction between malnutrition and diarrhoea with particular reference to pediatric practice. Reddy V. **Indian J Gastroenterol** 1985 Jul;4(3):183-6 (38 ref.)

Protein-energy intake and malnutrition in Crohn's disease. Hodges P, et al. **J Am Diet Assoc** 1984 Dec;84(12):1460-4

Nutritional depletions in critically ill children: associations with physiologic instability and increased quantity of care. Pollack MM, et al. **JPEN J Parenter Enteral Nutr** 1985 May-Jun;9(3):309-13

[Protein-energy malnutrition in an urban African milieu (Togo). Etiologic factors in kwashiorkor and marasmus-kwashiorkor] Excler JL, et al. **Med Trop (Mars)** 1985 Apr-Jun;45(2):155-61 (Eng. Abstr.) **(Fre)**

[Nutrition in Africa] Ganzin M. **Med Trop (Mars)** 1985 Apr-Jun;45(2):117-22 (Eng. Abstr.) **(Fre)**

[Protein-calorie deficiency in the nutritional status of mandibular fracture patients during immobilization] Kholodov SV. **Stomatologiia (Mosk)** 1984 Sep-Oct; 63(5):55-8 (Eng. Abstr.) **(Rus)**

[Etiology of infantile malnutrition: the role of diarrheal disease] Mora JO. **GEN** 1983 Jan-Jun;37(1-2):124-55 **(Spa)**

[Level of food consumption and its possible role in the development of protein-calorie malnutrition in hospitalized gastroenterology patients] Gassull MA, et al. **Med Clin (Barc)** 1985 Jun 15;85(3):85-7 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Non specific immunological response in moderate malnutrition. Carvalho Neves Forte W, et al. **Allergol Immunopathol (Madr)** 1984 Nov-Dec;12(6):489-96

Influences of nutrition on immunity and susceptibility to mouse hepatitis virus type 2. Esa AH, et al. **Immunology** 1985 Jul;55(3):539-45

A study of complement activity in malnutrition. Kumar R, et al. **Indian Pediatr** 1984 Jul;21(7):541-7

Immunocompetence in malnutrition. I. Correlation between nutritional parameters and the immune response. Rolim E, et al. **Int Z Vitam Ernahrungsforsch [Beih]** 1984;26:127-32

Immunocompetence in malnutrition. II. Mechanisms responsible for the immunodeficiency. Zuliani A, et al. **Int Z Vitam Ernahrungsforsch [Beih]** 1984;26:133-40

Malnutrition and immunocompetence in older and younger outpatients. Linn BS, et al. **South Med J** 1984 Sep; 77(9):1098-102

[Phagocytic function of granulocytes in children with protein-calorie malnutrition] Dulat C, et al. **Arch Inst Pasteur Madagascar** 1984;51(1):261-7 **(Fre)**

[Immunocompetence in malnutrition] Machado I. **GEN** 1983 Jan-Jun;37(1-2):157-66 **(Spa)**

METABOLISM

Effect of age, malnutrition and renutrition on free secretory component and IgA in secretions. Watson RR, et al. **Am J Clin Nutr** 1985 Aug;42(2):281-8

Mucin depletion in the intestine of malnourished rats. Sherman P, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):G418-23

Effects of maternal caffeine intake on the growth of rat tooth germs in protein-energy malnourished neonates. Nakamoto T, et al. **Arch Oral Biol** 1985;30(2):105-9

Influence of starvation and total protein deprivation on cardiac mRNA levels. Zähringer J, et al. **Basic Res Cardiol** 1985 Jan-Feb;80(1):1-11

Effect of a steroidal oral contraceptive on intestinal absorptive functions in proteins deficient rat. Nagpaul JP, et al. **Biochem Int** 1985 Feb;10(2):273-81

Influence of protein-calorie malnutrition on the pharmacokinetics, placental transfer and tissue localization of dexamethasone in rats. Varma DR, et al. **Br J Pharmacol** 1984 Sep;83(1):131-7

Effects of feed-pairing and different doses of doxorubicin on mortality and electrolyte changes in the mouse heart. Giri SN, et al. **Drug Chem Toxicol** 1984;7(2):193-212

Disposition of procainamide and N-acetylprocainamide in protein-calorie malnutrition. Jung D, et al. **Drug Metab Dispos** 1985 May-Jun;13(3):359-63

Disposition of four drugs in malnourished children. Mehta S, et al. **Drug Nutr Interact** 1982;1(3):205-11

Pharmacokinetic profile of antipyrine in young rhesus monkeys (Macaca mulatta) with protein energy malnutrition. Sharma B, et al. **Drug Nutr Interact** 1985; 3(2):93-8

Stimulation of oxidative drug metabolism by parenteral refeeding of nutritionally depleted patients. Pantuck EJ, et al. **Gastroenterology** 1985 Aug;89(2):241-5

Adaptive changes in basal metabolic rate and lean body mass in chronic undernutrition. Shetty PS. **Hum Nutr Clin Nutr** 1984 Nov;38(6):443-51

Calcium metabolism in marasmus. Nanda S, et al. **Indian Pediatr** 1984 Nov;21(11):891-5

Disposition of acetaminophen in children with protein calorie malnutrition. Mehta S, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jun;23(6):311-5

Lipid composition of the peripheral nerves in malnutrition: an experimental study in young rhesus monkeys. Rana SV, et al. **J Med Primatol** 1984;13(4):205-17

Effects of biotin deficiency on polyunsaturated fatty acid metabolism in rats. Kramer TR, et al. **J Nutr** 1984 Nov; 114(11):2047-52

Differential absorption of zinc and low-molecular-weight ligands in the rat gut in protein-energy malnutrition. Wapnir RA, et al. **J Nutr** 1985 Jul;115(7):900-8

Homeostatic mechanisms in the utilization of exogenous iron in children recovering from severe malnutrition. Caballero B, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb;4(1):97-102

Intestinal absorption of manganese in experimental malnutrition. Garcia-Aranda JA, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):602-7

Differential effects of collagen in oral tissues and skin by protein-energy malnourished newborn rats and lactating dams. Nakamoto T, et al. **J Periodontol** 1984 Nov; 55(11):648-52

Disposition of acetaminophen in protein-calorie malnutrition. Jung D. **J Pharmacol Exp Ther** 1985 Jan;232(1):178-82

Protein-energy malnutrition during pregnancy alters caffeine's effect on brain tissue of neonate rats. Mori M, et al. **Life Sci** 1984 Dec 17;35(25):2553-60

The pharmacokinetics of cotrimoxazole sulphonamide in malnourished (marasmic) infants. Bravo IG, et al. **Pediatr Pharmacol (New York)** 1984;4(3):167-76

Effects of orally administered caffeine on cellular response in protein energy-malnourished neonatal rat brain. Quinby GE Jr, et al. **Pediatr Res** 1985 Jan;19(1):71-4

Carbohydrate malabsorption in children with severe protein energy malnutrition. Tolboom JJ, et al. **Trop Geogr Med** 1984 Dec;36(4):355-65

[The metabolism of drugs. Influence of protein-energy malnutrition] Hazane C, et al. **Med Trop (Mars)** 1985 Apr-Jun;45(2):145-53 (Eng. Abstr.) **(Fre)**

[Nutrition and the monooxygenase system of the liver] Sharmanov TSh. **Vestn Akad Med Nauk SSSR** 1985; (1):28-34 (Eng. Abstr.) **(Rus)**

MORTALITY

Alternative anthropometric indicators of mortality. Bairagi R, et al. **Am J Clin Nutr** 1985 Aug;42(2):296-306

Morbidity and mortality patterns among malnourished children in Benin City, Nigeria. Ogbeide O, et al. **Trop Doct** 1984 Oct;14(4):178-80

OCCURRENCE

A cross-sectional study of wasting and stunting in Kinshasa, Zaire. Franklin RR, et al. **Ann Soc Belg Med Trop** 1984; 64(4):403-11

Global trends in protein-energy malnutrition. **Bull Pan Am Health Organ** 1984;18(4):404-6

The present day epidemiology of severe protein-energy malnutrition in Nigeria. Oyedeji GA. **Clin Pediatr (Phila)** 1984 Nov;23(11):623-8

Nutritional risk factors in a well baby clinic. Ahmed S, et al. **JPMA** 1984 Nov;34(11):335-8

Prevalence of protein-calorie malnutrition in hospitalized patients. Chen WJ, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Feb;84(2):228-37

[Effect of socioeconomic transformations on the nutritional status of children of the Cashibo tribe (Peruvian Amazonia)] Bourée P, et al. **Bull Soc Pathol Exot Filiales** 1985;78(1):101-9 (Eng. Abstr.) **(Fre)**

[Nutritional status and food consumption in the north of the Ivory Coast] Tranchant D, et al. **Med Trop (Mars)** 1985

Apr-Jun;45(2):171-4 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Histological, morphometric and histochemical changes in the submandibular gland of the rat under experimental protein-calorie malnutrition. Ferreira AM, et al. **J Biol Buccale** 1985 Mar;13(1):45-53

Malnutrition and group brain- and body-weight variability: data in search of a hypothesis. Watson JS, et al. **Med Hypotheses** 1984 Aug;14(4):357-61

[Abnormalities of the jejunal mucosa and protein-calorie malnutrition in infants in Equatorial Africa] Gendrel D, et al. **Ann Pediatr (Paris)** 1984 Nov;31(10):871-6 (Eng. Abstr.) **(Fre)**

[Effect of nonspecific malnutrition on spine morphology of lamina V pyramidal cells of the cingulate area of juvenile and adult rats] Schönheit B, et al. **J Hirnforsch** 1984; 25(6):617-31 (Eng. Abstr.) **(Ger)**

[Morphological aspects of the intestinal ecosystem. Evolutive study of the flora-mucosal complex] Madi K, et al. **An Microbiol (Rio De J)** 1982;27:11-40 **(Por)**

[Changes at the liver cell level in rats subjected to protein-calorie malnutrition] Marcos A, et al. **Rev Esp Fisiol** 1984 Jun;40(2):165-9 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Functional development of the visual system in normal and protein deprived rats. I. Persistent changes in light-induced cortical evoked response. Sjöström A, et al. **Acta Physiol Scand** 1984 Apr;120(4):585-94

Distribution of hepatic ribosomes between different functional states in well-fed and protein-energy-deficient rats. Enwonwu CO, et al. **Ann Nutr Metab** 1984; 28(6):367-76

Effect of pre- & post-weaning protein energy malnutrition on pancreatic amylase in rats. Vyas RK, et al. **Indian J Med Res** 1984 May;79:612-6

The influence of protein and/or energy deficiency on the growth of long bone in rats. Kuramitsu N, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Apr;31(2):189-96

Impact of chronic protein-calorie malnutrition on small intestinal repair after acute viral enteritis: a study in gnotobiotic piglets. Butzner JD, et al. **Pediatr Res** 1985 May;19(5):476-81

A follow-up study of the effects of early malnutrition on subsequent development. II. Fine motor skills in adolescence. Galler JR, et al. **Pediatr Res** 1985 Jun; 19(6):524-7

A follow-up study of the effects of early malnutrition on subsequent development. I. Physical growth and sexual maturation during adolescence. Galler JR, et al. **Pediatr Res** 1985 Jun;19(6):518-23

Placental lactogen administration reverses the effect of low-protein diet on maternal and fetal serum somatomedin levels in the pregnant rat. Pilistine SJ, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5853-7

[Spermatogenesis in the prepuberty Wistar rat during protein-energy malnutrition followed by balanced refeeding] Lac G, et al. **Reprod Nutr Dev** 1984;24(4):487-94 (Eng. Abstr.) **(Fre)**

[Anthropometric and biological evaluation of 44 patients with protein-calorie malnutrition] Constans T, et al. **Rev Med Interne** 1985 Jan;6(1):19-26 (Eng. Abstr.) **(Fre)**

[An experimental study on malnutritional influences on cardiac function in dogs during chronic volume overloading] Tabayashi K, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Jan;33(1):7-13 (Eng. Abstr.) **(Jpn)**

[Quality of maternal diet and biochemical changes in the brain of the offspring. Study in rats] Tirapegui JO, et al. **Arq Gastroenterol** 1984 Apr-Jun;21(2):78-82 (Eng. Abstr.) **(Por)**

[Synthesis and secretion of prolactin and growth hormone in rats with protein-calorie malnutrition and effect of administration of cortisol] Arce JA, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):55-7 (Eng. Abstr.) **(Rus)**

[Influence of nutrition on the bone development of children] Alcázar ML, et al. **Arch Latinoam Nutr** 1984 Jun; 34(2):298-307 (Eng. Abstr.) **(Spa)**

[Digestive tract changes of the malnourished child] Römer H. **GEN** 1983 Jan-Jun;37(1-2):146-56 **(Spa)**

PREVENTION & CONTROL

Evaluation of milk and nutrient intakes of school children in Nigeria. Nnanyelugo DO. **Appetite** 1984 Sep;5(3):175-85

Undernutrition and the protein story [editorial] Mossop RT. **Cent Afr J Med** 1984 Jul;30(7):133-4

Development of low cost supplementary foods for infants and children from locally available foods in Punjab (India). Puri RK, et al. **Child Care Health Dev** 1984 Jul-Aug; 10(4):227-36

Implications of nutrition education versus food supplementation in pre-school children. Kumari S, et al. **Indian Pediatr** 1985 Mar;22(3):221-4

Vitamin A to prevent keratomalacia [letter] Doke PP, et al. **Lancet** 1984 Nov 3;2(8410):1033

PSYCHOLOGY

Behavioural responses of rats to early housing conditions and to protein-energy malnutrition. Fraňková S. **Act Nerv Super (Praha)** 1985 Jun;27(2):89-98

THERAPY

Splanchnic substrate balance in malnourished patients during parenteral nutrition. Gil KM, et al. **Am J Physiol** 1985 Apr; 248(4 Pt 1):E409-19

Valuation of protein metabolism and albumin in patients submitted to peripheral parenteral nutrition (PPN). Schwartz S, et al. **Infusionsther Klin Ernahr** 1984 Jun; 11(3):137-40

Rehabilitating the severely malnourished infant and child. Solomons NW. **J Am Diet Assoc** 1985 Jan;85(1):28-36, 39

Protein-calorie malnutrition, immunologic function, and total parenteral nutrition in the surgical patient. Forley BG. **Mt Sinai J Med (NY)** 1985 Feb;52(2):148-57

[Enteral nutrition in abdominal surgery] Veroux G, et al. **Minerva Chir** 1985 Apr 15;40(7):397-412 **(Ita)**

[Nutritional support in hospitalized patients: a years' experience] Sadek M da G, et al. **Rev Paul Med** 1984 Sep-Oct;102(5):192-6 (Eng. Abstr.) **(Por)**

URINE

[Calcium-creatinine in basal urine in relation to calcium intake and nutritional status in children under 3] Zeni S, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):35-45 (Eng. Abstr.) **(Spa)**

VETERINARY

In vitro incorporation of (U-C14)-glucose and (1-C14)-sodium acetate in peripheral nerves of malnourished young rhesus monkeys. Rana SV, et al. **J Med Primatol** 1984;13(5):261-8

PROTEIN CONFORMATION

Engineering aspects of protein structure. Salemme FR. **Ann NY Acad Sci** 1985;439:97-106

The application of neutron crystallography to the study of dynamic and and hydration properties of proteins. Kossiakoff AA. **Annu Rev Biochem** 1985;54:1195-227 (95 ref.)

Electrostatic effects in proteins. Matthew JB. **Annu Rev Biophys Biophys Chem** 1985;14:387-417 (58 ref.)

A screened electrostatic potential model of hydration for conformational analysis of biomolecules. Olatunji OL, et al. **Biochem Biophys Res Commun** 1985 Jan 16; 126(1):247-53

The use of limited proteolysis in studies on protein folding and association. Rudolph R. **Biochem Soc Trans** 1985 Apr; 13(2):308-11

Theory for the folding and stability of globular proteins. Dill KA. **Biochemistry** 1985 Mar 12;24(6):1501-9

The prediction of protein domains. Busetta B, et al. **Biochim Biophys Acta** 1984 Oct 23;790(2):117-24

Conformational properties of Pro-Pro sequences. I. Crystal structures of two dipeptides with L-Pro-L-Pro and L-Pro-D-Pro sequences. Aubry A, et al. **Biopolymers** 1985 Jun;24(6):1089-100

Synthesis and beta-conformation of sequential polypeptides containing arginine, histidine, and leucine. Barbier B, et al. **Biopolymers** 1984 Nov;23(11 Pt 1):2299-310

Determination of peptide conformation via vibrational coupling: application to diastereoisomeric alanyl dipeptides. Diem M, et al. **Biopolymers** 1984 Oct;23(10):1917-30

Energetics of multihelix interactions in protein folding: application to myoglobin. Gerritsen M, et al. **Biopolymers** 1985 Jul;24(7):1271-91

Energetics of protein structure and folding. Goldenberg DP, et al. **Biopolymers** 1985 Jan;24(1):167-82

Hydrogen-exchange evidence for distinct structural classes in globular proteins. Gregory RB, et al. **Biopolymers** 1985 Feb;24(2):301-26

Variational calculation of the normal modes of a large macromolecule: methods and some initial results. Harrison RW. **Biopolymers** 1984 Dec;23(12):2943-9

Studies on proline-containing tetrapeptide models of beta-turns. Hollósi M, et al. **Biopolymers** 1985 Jan; 24(1):211-42 (48 ref.)

Role of interstrand loops in the formation of intramolecular cross-beta-sheets by homopolyamino acids. Mattice WL, et al. **Biopolymers** 1985 Mar;24(3):565-79

Matrix formulation of the transition from a statistical coil to an intramolecular antiparallel beta sheet. Mattice WL, et al. **Biopolymers** 1984 Sep;23(9):1701-24

Suppression of the statistical coil state during the alpha in equilibrium beta transition in homopolypeptides. Mattice WL, et al. **Biopolymers** 1984 Dec;23(12):2879-90

Sequence-dependence of secondary structure formation: conformational studies of host-guest peptides in alpha-helix and beta-structure supporting media. Mutter M, et al. **Biopolymers** 1985 Jun;24(6):1057-74

Efficient Monte Carlo method for simulation of fluctuating conformations of native proteins. Noguti T, et al. **Biopolymers** 1985 Mar;24(3):527-46

A simple and novel interpretation of the three-dimensional structure of globular proteins based on quantum-mechanical computations on small model molecules. I. Peters D, et al. **Biopolymers** 1985 Mar; 24(3):491-508

Conformational effects on peptide aggregation in organic solvents: spectroscopic studies of two chemotactic tripeptide analogs. Raj PA, et al. **Biopolymers** 1985 Jul; 24(7):1131-46

A high-resolution 13C-NMR study of collagenlike polypeptides and collagen fibrils in solid state studied by the cross-polarization-magic angle-spinning method. Manifestation of conformation-dependent 13C chemical shifts and application to conformational characterization. Saitô H, et al. **Biopolymers** 1984 Nov;23(11 Pt 1):2279-97

The stereochemistry of peptides containing alpha-aminoisobutyric acid. Prasad BV, et al. **CRC Crit Rev Biochem** 1984;16(4):307-48 (167 ref.)

The proton inventory technique. Venkatasubban KS, et al. **CRC Crit Rev Biochem** 1984;17(1):1-44 (66 ref.)

Towards assignment of secondary structures by anti-peptide antibodies. Specificity of the immune response to a beta-turn. Schulze-Gahmen U, et al. **EMBO J** 1985 Jul; 4(7):1731-7

Shadowing of elongated helical molecules (myosin, tropomyosin, collagen, and DNA) yields regular molecule-dependent heavy metal grain patterns. Walzthöny D, et al. **Eur J Cell Biol** 1984 Nov;35(2):216-25

The contribution of alpha-helices to the surface activities of proteins. Krebs KE, et al. **FEBS Lett** 1984 Oct 1; 175(2):263-6

A protein molecule as a bioanalytical device. Chemomechanical protein sensors. Morozov VN, et al. **FEBS Lett** 1984 Oct 1;175(2):299-302

Dynamics of amino acid residues in globular proteins. Bhaskaran R, et al. **Int J Pept Protein Res** 1984 Aug; 24(2):180-91

Sidechain and backbone potential function for conformational analysis of proteins. Crippen GM, et al. **Int J Pept Protein Res** 1985 May;25(5):487-509

A potential function for conformational analysis of proteins. Crippen GM, et al. **Int J Pept Protein Res** 1984 Sep; 24(3):279-96

Studies on beta-turn of peptides. X. Effect of the chirality of 1st and 4th amino acids of tetrapeptide sequences on their beta-turn preferences studied by conformational energy calculation. Kawai M, et al. **Int J Pept Protein Res** 1984 Dec;24(6):607-12

Nuclear magnetic resonance analyses of side chain conformations of histidine and aromatic amino acid derivatives. Solvent and pH dependence. Kobayashi J, et al. **Int J Pept Protein Res** 1984 Jul;24(1):40-7

Structure and conformation of linear peptides. III. Structure of glycyl-glycyl-L-valine. Lalitha V, et al. **Int J Pept Protein Res** 1984 Nov;24(5):437-41

Vibrational analysis of peptides, polypeptides and proteins. XXVII. Structure of gramicidin S from normal mode analyses of low-energy conformations. Naik VM, et al. **Int J Pept Protein Res** 1984 Dec;24(6):613-26

Residue contacts in protein structures and implications for protein folding. Narayana SV, et al. **Int J Pept Protein Res** 1984 Jul;24(1):25-39

Tertiary peptide bond containing-oligo(Leu)s. Conformational studies in solution of oligo (L-leucine)s with L-proline residue and glycyl-N-(2, 4-dimethoxybenzyl)-L-leucine sequence. Narita M, et al. **Int J Pept Protein Res** 1984 Jul;24(1):14-24

Differential equation model to study dynamic behaviour of globular proteins. Ponnuswamy PK, et al. **Int J Pept Protein Res** 1984 Aug;24(2):168-79

Solution conformation of poly(L-lysyl-L-glutamic acid) and poly(L-lysyl-L-glutamine). Rao MV, et al. **Int J Pept Protein Res** 1984 Jul;24(1):48-54

Studies on beta-turn of peptides. IX. Effect of 1st and 14th amino acids of tetrapeptide sequences on their beta-turn preferences studied by CD spectra of their chromophoric derivatives. Sato K, et al. **Int J Pept Protein Res** 1984 Dec; 24(6):600-6

Structure and conformation of linear peptides. I. Structure of L-tyrosyl-L-tyrosine. Subramanian E, et al. **Int J Pept Protein Res** 1984 Jul;24(1):55-9

Experimental and theoretical conformational studies on polypeptide models of collagen. Poly(Gly-Pro-Ile) and poly(Gly-Ile-Pro). Tamburro AM, et al. **Int J Pept Protein Res** 1984 Dec;24(6):627-35

Monitoring protein conformational changes by quenching of intrinsic fluorescence. Chang GG, et al. **J Biochem Biophys Methods** 1984 Sep;9(4):351-5

Studies of synthetic peptide analogs of the amphipathic helix. Structure of complexes with dimyristoyl phosphatidylcholine. Anantharamaiah GM, et al. **J Biol Chem** 1985 Aug 25;260(18):10248-55

Synthesis of a model protein of defined secondary and quaternary structure. Effect of chain length on the stabilization and formation of two-stranded alpha-helical coiled-coils. Lau SY, et al. **J Biol Chem** 1984 Nov 10; 259(21):13253-61

Protein conformation and reversed-phase high-performance liquid chromatography. Sadler AJ, et al. **J Chromatogr** 1984 Dec 28;317:93-101

An evaluation of the combined use of nuclear magnetic resonance and distance geometry for the determination of protein conformations in solution. Havel TF, et al. **J Mol Biol** 1985 Mar 20;182(2):281-94

An analysis of incorrectly folded protein models. Implications for structure predictions. Novotný J, et al. **J Mol Biol** 1984

Aug 25;177(4):787–818

Calibration of the angular dependence of the amide proton–C alpha proton coupling constants, 3JHN alpha, in a globular protein. Use of 3JHN alpha for identification of helical secondary structure. Pardi A, et al. **J Mol Biol** 1984 Dec 15;180(3):741–51

Polypeptide secondary structure determination by nuclear magnetic resonance observation of short proton–proton distances. Wüthrich K, et al. **J Mol Biol** 1984 Dec 15; 180(3):715–40

A diffusion Michaelis–Menten mechanism: continuous conformational change in enzymatic kinetics. Agmon N. **J Theor Biol** 1985 Apr 21;113(4):711–7

Investigation of protein refolding: a special feature of native structure responsible for refolding ability. Simon I. **J Theor Biol** 1985 Apr 21;113(4):703–10

A simple method for the calculation of low energy packings of alpha–helices—a threshold approximation. I. The use of the method to estimate the effects of amino acid substitutions, deletions and insertions in globins. Solovyov VV, et al. **J Theor Biol** 1984 Sep 7;110(1):67–91

Effect of protein packing structure on side–chain methyl rotor conformations. Kossiakoff AA, et al. **Nature** 1984 Oct 11–17;311(5986):582–3

Beta–hairpin families in globular proteins. Sibanda BL, et al. **Nature** 1985 Jul 11–17;316(6024):170–4

The electron–donating strengths of side chains in the determination of protein structure. Ling GN. **Physiol Chem Phys Med NMR** 1984;16(5):459–60

Is there a single pathway for the folding of a polypeptide chain? Harrison SC, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4028–30

Theory of Mössbauer spectra of proteins fluctuating between conformational substates. Nadler W, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5719–23

A consistent picture of protein dynamics. Parak F, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7088–92

Structural effects of substitutions on the p21 proteins. Pincus MR, et al. **Proc Natl Acad Sci USA** 1985 Jun; 82(11):3596–300

Effect of side chain–backbone electrostatic interactions on the stability of alpha–helices. Scheraga HA. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5585–7

Dynamic filtering by two–dimensional 1H NMR with application to phage lambda repressor. Weiss MA, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6019–23

Identical short peptide sequences in unrelated proteins can have different conformations: a testing ground for theories of immune recognition. Wilson IA, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5255–9

Hydrogen bonding in globular proteins. Baker EN, et al. **Prog Biophys Mol Biol** 1984;44(2):97–179 (117 ref.)

Protein fluctuations and the thermodynamic uncertainty principle. Cooper A. **Prog Biophys Mol Biol** 1984; 44(3):181–214 (65 ref.)

The role of the alpha–helix dipole in protein function and structure. Hol WG. **Prog Biophys Mol Biol** 1985; 45(3):149–95 (226 ref.)

Mapping protein dynamics by X–ray diffraction. Ringe D, et al. **Prog Biophys Mol Biol** 1985;45(3):197–235 (137 ref.)

Conformational properties of oncogene products. Kieber–Emmons T, et al. **Prog Clin Biol Res** 1985; 172A:453–64

Protein structure and oncogenesis. Pincus MR. **Prog Clin Biol Res** 1985;172A:419–30

Cooperative interactions in globular proteins: analysis of protein crystal structures. Viswanadhan VN. **Prog Clin Biol Res** 1985;172B:125–32

Aromatic–aromatic interaction: a mechanism of protein structure stabilization. Burley SK, et al. **Science** 1985 Jul 5;229(4708):23–8 (41 ref.)

Hydrophobicity of amino acid residues in globular proteins. Rose GD, et al. **Science** 1985 Aug 30;229(4716):834–8

[Organizing role of electric fields in structured enzymatic systems] Valleton JM, et al. **C R Acad Sci [III]** 1985; 300(12):449–52 (Eng. Abstr.) **(Fre)**

[Chou–Fasman's prediction of the secondary structure of proteins with a hand–held computer] Tamura M. **Seikagaku** 1984 Nov;56(11):1404–7 **(Jpn)**

[Stochastic dynamics and electron–conformation interactions in proteins] Shaitan KV, et al. **Biofizika** 1985 May–Jun; 30(3):517–26 (66 ref.) (Eng. Abstr.) **(Rus)**

[Determination of the relative position of the domains in 2–domain proteins based on diffuse x–ray scattering data] Pavlov MIu. **Dokl Akad Nauk SSSR** 1985;281(2):458–62 **(Rus)**

[A new super–secondary protein structure: the alpha alpha–angle] Efimov AV. **Mol Biol (Mosk)** 1984 Nov–Dec; 18(6):1524–37 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

The mechanism of helical transition of proteins by organic solvents. Arakawa T, et al. **Arch Biochem Biophys** 1985 Jul;240(1):21–32

PROTEIN DEFICIENCY

see related

DIETARY PROTEINS

Activator protein required for the enzymatic hydrolysis of cerebroside sulfate. Deficiency in urine of patients affected with cerebroside sulfatase activator deficiency and identity with activators for the enzymatic hydrolysis of GM1 ganglioside and globotriaosylceramide. Li SC, et al. **J Biol Chem** 1985 Feb 10;260(3):1867–71

BLOOD

Dietary protein effects on lipoproteins and on sex and thyroid hormones in blood of rhesus monkeys. Portman OW, et al. **J Nutr** 1985 Apr;115(4):425–35

The effects of malnutrition on serum fibronectin and reticuloendothelial function. Soper NJ, et al. **J Surg Res** 1984 Dec;37(6):431–6

Low serum somatomedin–C in protein deficiency: relationship with changes in liver somatogenic and lactogenic binding sites. Maes M, et al. **Mol Cell Endocrinol** 1984 Oct;37(3):301–9

Impact of Nippostrongylus brasiliensis (Nematoda) on the serum albumin and amino acid concentrations of rats fed adequate or protein–deficient diets. Ash C, et al. **Parasitology** 1985 Feb;90 (Pt 1):157–68

COMPLICATIONS

Nutritional emphysema in the rat. Influence of protein depletion and impaired lung growth. Kerr JS, et al. **Am Rev Respir Dis** 1985 Apr;131(4):644–50

Reversible nutritional myopathy with myotonia in the protein–deficient rat given methionine. Cummins AG, et al. **Aust J Exp Biol Med Sci** 1985 Apr;63 (Pt 2):127–37

Cerebral haemorrhagic infarction in young patients with hereditary protein C deficiency [letter] Evans J, et al. **Br Med J [Clin Res]** 1985 Mar 16;290(6471):859

Influence of undernutrition during gestation and suckling on development and sexual maturity in the rat. Menendez–Patterson A, et al. **J Nutr** 1985 Aug; 115(8):1025–32

Effects of malnutrition and environment on the acquisition and extinction of avoidance behavior in rats. De Oliveira LM, et al. **Physiol Behav** 1985 Jan;34(1):141–5

[Morphologic changes in the kidneys in experimental cholino–protein deficiency] Trushina EN, et al. **Vopr Pitan** 1984 Sep–Oct;(5):44–51 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

[Effect of cortisol administration on the fate of nitrogen in malnourished pregnant rats] Goñi I, et al. **Arch Farmacol Toxicol** 1985 Apr;11(1):47–53 (Eng. Abstr.) **(Spa)**

EMBRYOLOGY

The effects of protein deprivation on neuronal migration in rats. Debassio WA, et al. **Brain Res** 1985 Jun;352(2):191–6

ENZYMOLOGY

The effect of malathion dust on certain tissues of male rats fed varying levels of dietary protein. Vaishwanar I, et al. **Indian J Physiol Pharmacol** 1984 Jan–Mar;28(1):35–41

Effects of protein–free diet and food deprivation on hepatic rhodanese activity, serum proteins and acute cyanide lethality in mice. Rutkowski JV, et al. **J Nutr** 1985 Jan; 115(1):132–7

FAMILIAL & GENETIC

Generational effects of protein malnutrition in the rat. Resnick O, et al. **Brain Res** 1984 Aug;317(2):219–27

[New risk factors in the development of venous thrombosis] Bertina RM. **Ned Tijdschr Geneeskd** 1985 May 18; 129(20):932–4 **(Dut)**

IMMUNOLOGY

Affinity and distribution of subpopulations of antibody–producing cells in protein–restricted C57BL/6 mice. Pocino M, et al. **Cell Immunol** 1984 Nov;89(1):169–85

Effect of protein deprivation on immunoregulatory cells in the rat mucosal immune response. Koster F, et al. **Clin Exp Immunol** 1985 Apr;60(1):217–24

Predisposing factors in Pneumocystis carinii pneumonia: effects of tetracycline, protein malnutrition, and corticosteroids on hosts. Walzer PD, et al. **Infect Immun** 1984 Dec;46(3):747–53

Effects of maternal protein deprivation on the nutritional status and neutrophil function of suckling neonatal rats. Nwankwo MU, et al. **J Infect Dis** 1985 Jan;151(1):23–32

METABOLISM

Breakdown of proteins from mouse liver subcellular fractions. Effect of nutritional changes. Pucciarelli MG, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(2):185–91

Hydration of fat–free body in protein–depleted patients. Beddoe AH, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):E227–33

Cardiac noradrenalin in relation to protein malnutrition in chronic experimental Chagas' disease in the rat. Machado CR, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):835–8

Acetylcholine levels of rat brain and heart in starvation and protein restriction. Venkataraman BV, et al. **Indian J Physiol Pharmacol** 1984 Jul–Sep;28(3):223–6

Effects of low protein diets or feed restriction on rat lung glutathione and oxygen toxicity. Deneke SM, et al. **J Nutr** 1985 Jun;115(6):726–32

Effects of protein deficiency and food restriction on lung ascorbic acid and glutathione in rats exposed to ozone. Dubick MA, et al. **J Nutr** 1985 Aug;115(8):1050–6

Thermogenesis in thyroidectomized, protein–malnourished rats. Tulp OL, et al. **J Nutr** 1984 Dec;114(12):2365–72

Effect of tryptophan and/or casein supplementation on NAD levels in livers of the rats fed on niacin– and protein–free diet. Hayakawa T, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Jun;30(3):303–6

Effect of protein depletion on the VLDL triacylglycerol secretion and apoprotein synthesis by the perfused liver from pregnant rats. Tournier H, et al. **Lipids** 1984 Nov; 19(11):902–5

Ozone exposure, food restriction and protein deficiency: changes in collagen and elastin in rodent lung. Myers BA, et al. **Toxicol Lett** 1984 Oct;23(1):43–9

[Effect of the intake of imbalanced protein on the liver of growing rats] Tirapegui JO, et al. **Arq Gastroenterol** 1984 Jan–Mar;21(1):29–34 (Eng. Abstr.) **(Por)**

PATHOLOGY

Fibre number and sizes of mouse soleus muscle in early postnatal protein malnutrition. Ihemelandu EC. **Acta Anat (Basel)** 1985;121(2):89–93

Plasticity of cerebellar parallel fibers following developmental deficits in synaptic number. Chen S, et al. **Brain Res** 1985 May 6;333(2):369–73

Morphometric study of the small intestinal mucosa in young, adult, and old rats submitted to protein deficiency and rehabilitation. Rodrigues MA, et al. **Gut** 1985 Aug; 26(8):816–21

Presynaptic inclusions in mossy fibre terminals of the cerebellar cortex following long–term undernutrition in adult rats. Paula–Barbosa MM, et al. **J Neurocytol** 1984 Dec;13(6):841–7

Rat pancreatic beta–cells in protein deficiency: a study involving morphometric analysis and alloxan effect. Dixit PK, et al. **J Nutr** 1985 Mar;115(3):375–81

PHYSIOPATHOLOGY

Effects of training on skeletal muscle in protein–deprived rats. Oldfors A, et al. **J Neurol Sci** 1985 May–Jun; 69(1–2):1–8

[Effect of protein deficiency and antigenic stimulation on rat liver lysosomes] Volgarev MN, et al. **Vopr Pitan** 1984 Sep–Oct;(5):42–4 (Eng. Abstr.) **(Rus)**

PSYCHOLOGY

Development of home orientation in offspring of protein–restricted cats. Gallo PV, et al. **Dev Psychobiol** 1984 Sep;17(5):437–49

THERAPY

Possible treatment of some genetic deficiency diseases—a hypothesis. Asghar SS, et al. **Med Hypotheses** 1985 Apr; 16(4):371–5

VETERINARY

Effect of protein deficiency on growth and plasma zinc concentration in genetically lean and obese swine. Pond WG, et al. **J Anim Sci** 1984 Sep;59(3):710–6

PROTEIN DENATURATION

Identification of denatured enzyme proteins in sodium dodecyl sulfate polyacrylamide gels. Hakvoort TB, et al. **Biochem Med** 1985 Jun;33(3):327–33

Denaturation behavior of antithrombin in guanidinium chloride. Irreversibility of unfolding caused by aggregation. Fish WW, et al. **Biochemistry** 1985 Mar 12;24(6):1510–7

Thermal denaturation of cytochrome c peroxidase: pH dependence. Gross MT, et al. **Biochim Biophys Acta** 1985 Aug 8;830(2):140–6

Reversible denaturation of the estrogen receptor and estimation of polypeptide chain molecular weight. Sakai D, et al. **Endocrinology** 1984 Dec;115(6):2379–83

Reacquisition of quaternary structure by fully reduced and denatured seminal ribonuclease. Parente A, et al. **Eur J Biochem** 1985 Jun 3;149(2):381–7

Kinetics of unfolding of proteins on hydrophobic surfaces in reversed–phase liquid chromatography. Benedek K, et al. **J Chromatogr** 1984 Dec 28;317:227–43

The mechanisms of irreversible enzyme inactivation at 100C. Ahern TJ, et al. **Science** 1985 Jun 14;228(4705):1280–4

[Histopathological studies of rat kidneys following the feeding of heat–damaged proteins] von Wangenheim B, et al. **Z Ernahrungswiss** 1984 Sep;23(3):219–29 (Eng. Abstr.) **(Ger)**

DRUG EFFECTS

Effects of urea and guanidine hydrochloride on peptide and nonpolar groups. Nandi PK, et al. **Biochemistry** 1984 Dec 18;23(26):6661–8

PROTEIN DISULFIDE REDUCTASE (GLUTATHIONE)
see under **OXIDOREDUCTASES**

PROTEIN HYBRIDIZATION

Hybrid protein synthetic systems: components required to confer poikilothermy to the mammal. Haschemeyer AE, et al. **Comp Biochem Physiol [B]** 1985;81(3):705-9

Export and processing of MalE-LacZ hybrid proteins in Escherichia coli. Rasmussen BA, et al. **J Bacteriol** 1984 Nov;160(2):612-7

PROTEIN HYDROLYSATES

Controlled evaluation of Trypticase soy broth in agar slide and conventional blood culture systems. Weinstein MP, et al. **J Clin Microbiol** 1985 Apr;21(4):626-9

ADMINISTRATION & DOSAGE

[Use of a dry protein mixture for the correction of hypoxia caused by sodium nitrite] Seredenko MM, et al. **Gig Sanit** 1985 Feb;(2):23-5 (Eng. Abstr.) **(Rus)**

ANALYSIS

Analysis of glutamine, glutamic acid and pyroglutamic acid in protein hydrolysates by high-performance liquid chromatography. Shih FF. **J Chromatogr** 1985 Mar 29; 322(1):248-56

[Gel chromatographic characterization and quality control of protein hydrolysates used in pharmaceutical production] Hantschel H. **Arch Exp Veterinarmed** 1985 Mar; 39(2):158-65 (Eng. Abstr.) **(Ger)**

[Incorporation of methionine into a peptic partial hydrolyzate from faba bean protein isolate by plastein reaction with thermitase] Winkler H, et al. **Nahrung** 1984;28(10):1029-35 (Eng. Abstr.) **(Ger)**

[Sorption of amino acids from aqueous solutions on activated charcoal] Nekliudov AD, et al. **Antibiot Med Biotekhnol** 1985 Mar;30(3):174-9 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

[Isolation of protein hydrolysates by using immobilized bacterial peptide hydrolases] Nekliudov AD, et al. **Antibiot Med Biotekhnol** 1985 Apr;30(4):243-9 (Eng. Abstr.) **(Rus)**

[Enzyme preparations for research on protein hydrolysates and amino acid mixtures not containing peptides] Krest'ianova IN, et al. **Prikl Biokhim Mikrobiol** 1985 Jan-Feb;21(1):48-57 (Eng. Abstr.) **(Rus)**

[Isolation of protein hydrolysates with given properties (a review)] Nekliudov AD, et al. **Prikl Biokhim Mikrobiol** 1985 Jan-Feb;21(1):3-17 (125 ref.) (Eng. Abstr.) **(Rus)**

METABOLISM

Relative nutritional value of whole protein, hydrolysed protein and free amino acids in man. Moriarty KJ, et al. **Gut** 1985 Jul;26(7):694-9

[Comparative intestinal absorption of a mixture of milk protein hydrolysates and a mixture of free amino acids of the same composition administered to the conscious pig] Rerat A, et al. **Bull Acad Natl Med (Paris)** 1984 Mar-Apr; 168(3-4):385-91 (Eng. Abstr.) **(Fre)**

[Comparative study of the absorption of enzymatic protein hydrolysates in the small intestine of the rat. 2. The absorption of tryptic, thermitatic and tryptic-thermitatic casein hydrolysates compared with the equimolar composition of free amino acids] Friedrich M, et al. **Nahrung** 1985;29(2):167-78 (Eng. Abstr.) **(Ger)**

[Comparative studies on the enzymatic absorption of protein hydrolysates in the small intestines of the rat. 3. The absorption of trypsin, thermitatic and trypsin thermitatic wheat gluten hydrolysates in comparison with equimolar mixtures of free amino acids] Noack J, et al. **Nahrung** 1985; 29(1):49-57 (Eng. Abstr.) **(Ger)**

[Comparative studies on the enzymatic absorption of protein hydrolysates in the small intestine of the rat. 3. The absorption trypsins thermatatic and trypsin-thermatatic hydrolysates of a fava bean protein isolate compared to an equimolar mixture of free amino acids] Proll J, et al. **Nahrung** 1985;29(1):59-67 (Eng. Abstr.) **(Ger)**

THERAPEUTIC USE

[Hydroprot treatment of oligozoospermia in men] Tsvetkov Ts. **Akush Ginekol (Sofiia)** 1984;23(5):449-51 (Eng. Abstr.) **(Bul)**

[Usefulness of protein hydrolysates for the dietary treatment of phenylketonuria] Cobet G, et al. **Padiatr Grenzgeb** 1984; 23(4):217-24 (Eng. Abstr.) **(Ger)**

[Effect of parenterally administered baker's yeast autolysates on normalization of the plasma aminogram in acute hepatitis in the rabbit] Nekliudov AD, et al. **Vopr Pitan** 1984 Sep-Oct;(5):59-62 (Eng. Abstr.) **(Rus)**

PROTEIN KINASES

Homology between regulatory subunits of type 1 cyclic AMP-dependent protein kinases from bovine and murine cells. Steinberg RA. **Arch Biochem Biophys** 1984 Nov 1; 234(2):546-51

Homology of the gamma subunit of phosphorylase b kinase with cAMP-dependent protein kinase. Reimann EM, et al. **Biochemistry** 1984 Aug 28;23(18):4185-92

Guanosine cyclic 3',5'-phosphate dependent protein kinase, a chimeric protein homologous with two separate protein families. Takio K, et al. **Biochemistry** 1984 Aug 28; 23(18):4207-18

Amino acid sequence of the regulatory subunit of bovine type II adenosine cyclic 3',5'-phosphate dependent protein kinase. Takio K, et al. **Biochemistry** 1984 Aug 28; 23(18):4200-6

Amino acid sequence of the regulatory subunit of bovine type I adenosine cyclic 3',5'-phosphate dependent protein kinase. Titani K, et al. **Biochemistry** 1984 Aug 28; 23(18):4193-9

Characterization of protein F1 (47 kDa, 4.5 pI): a kinase C substrate directly related to neural plasticity. Nelson RB, et al. **Exp Neurol** 1985 Jul;89(1):213-24

Crystallization studies of cAMP-dependent protein kinase. Crystals of catalytic subunit diffract to 3.5 A resolution. Sowadski JM, et al. **J Mol Biol** 1985 Apr 20;182(4):617-20

ANALYSIS

Mapping endpoints of partial proteolysis fragments from regulatory subunit of type I cyclic AMP-dependent protein kinase. Steinberg RA. **Anal Biochem** 1984 Aug 15; 141(1):220-31

Effects of isoproterenol and forskolin on tension, cyclic AMP levels, and cyclic AMP dependent protein kinase activity in bovine coronary artery. Vegesna RV, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1116-23

The influence of extracellular calcium on the distribution of protein kinase C in non-neoplastic and neoplastic rat liver cells. Bossi D, et al. **Cancer Lett** 1985 Apr;26(3):303-10

Changes in cyclic adenosine 3':5'-monophosphate-dependent protein kinases during the progression of urethan-induced mouse lung tumors. Butley MS, et al. **Cancer Res** 1985 Aug;45(8):3677-85

Characterization of cyclic adenosine 3':5'-monophosphate-dependent protein kinase isozymes in normal and neoplastic fetal rat brain cells. Ekanger R, et al. **Cancer Res** 1985 Jun;45(6):2578-83

Modulation of protein kinase C activity and [3H]phorbol 12,13-dibutyrate binding by various tumor promoters in mouse brain cytosol. Leach KL, et al. **Cancer Res** 1985 May;45(5):1958-63

Chromatin-associated protein kinases in human normal and benign hyperplastic prostate. Rayan A, et al. **Cancer Res** 1985 May;45(5):2277-82

Redistribution of phospholipid/calcium-dependent protein kinase and altered phosphorylation of its soluble and particulate substrate proteins in phorbol ester-treated rat pancreatic acini. Wooten MW, et al. **Cancer Res** 1985 Aug; 45(8):3912-7

Type I and II cyclic adenosine 3':5'-monophosphate-dependent protein kinase in human gastric mucosa and carcinomas. Yasui W, et al. **Cancer Res** 1985 Apr;45(4):1565-8

Effect of gastrin on gastric mucosal cyclic adenosine 3':5'-monophosphate-dependent protein kinase activity in rat stomach carcinogenesis induced by N-methyl-N'-nitro-N-nitrosoguanidine. Yasui W, et al. **Cancer Res** 1985 Oct;45(10):4763-7

Phospholipid- and Ca2+-dependent protein kinase activity and protein phosphorylation patterns in the differentiation of human promyelocytic leukemia cell line HL-60. Zylber-Katz E, et al. **Cancer Res** 1985 Oct;45(10):5159-64

Activation of protein kinase C by tumor promoting phorbol esters, teleocidin and aplysiatoxin in the absence of added calcium. Arcoleo JP, et al. **Carcinogenesis** 1985 Feb; 6(2):213-7

Cyclic-AMP-dependent protein kinase type II is associated with the Golgi complex and with centrosomes. Nigg EA, et al. **Cell** 1985 Jul;41(3):1039-51

Localization of cyclic AMP-dependent protein kinase subunits in rat hepatocyte nuclei by immunogold electron microscopy. Kuettel MR, et al. **Cell Biol Int Rep** 1984 Nov; 8(11):949-57

Activation of the pp60c-src kinase by middle T antigen binding or by dephosphorylation. Courtneidge SA. **EMBO J** 1985 Jun;4(6):1471-7

Characterization of the bovine lens plasma membrane substrates for cAMP-dependent protein kinase. Louis CF, et al. **Eur J Biochem** 1985 Jul 15;150(2):279-86

Distinct structural requirements of Ca2+/phospholipid-dependent protein kinase (protein kinase C) and cAMP-dependent protein kinase as evidenced by synthetic peptide substrates. Ferrari S, et al. **FEBS Lett** 1985 May 6;184(1):72-7

Biochemical characterization of human carcinoma surface antigen associated with protein kinase activity. Seehafer J, et al. **Int J Cancer** 1984 Dec 15;34(6):821-9

Human tumor cell membrane glycoprotein associated with protein kinase activity. Seehafer J, et al. **Int J Cancer** 1984 Dec 15;34(6):815-9

Evidence for the ubiquitous presence of a protein kinase in human adenoviruses capable of preferentially phosphorylating capsid protein IIIa. Tsuzuki J, et al. **Intervirology** 1985;23(2):90-6

Detection of tyrosine-specific protein kinases with gastrin as exogenous substrate. Fagard R, et al. **J Biochem Biophys Methods** 1985 Mar;10(5-6):307-14

Identification of phosphotyrosine in yeast proteins and of a protein tyrosine kinase associated with the plasma membrane. Castellanos RM, et al. **J Biol Chem** 1985 Jul 15;260(14):8240-2

Distinct forebrain and cerebellar isozymes of type II Ca2+/calmodulin-dependent protein kinase associate differently with the postsynaptic density fraction. Miller SG, et al. **J Biol Chem** 1985 Jul 25;260(15):9039-46

Topography of protein kinases and phosphoproteins in the plasma membrane of 3T3 cells. Boman BM, et al. **J Cell Physiol** 1984 Nov;121(2):357-67

Intracellular localization of the catalytic subunit from cyclic AMP-dependent protein kinase in mutant Chinese hamster ovary cells deficient in this enzyme. Byus CV, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985;10(1):9-22

cAMP-dependent protein kinases of rat pituitary GH3 cells. Fabbro D, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985;10(1):31-42

Determination of cyclic AMP-dependent protein kinase subunits by an immunoassay reveals a different subcellular distribution of the enzyme in rat parotid than does determination of the enzyme activity. Schwoch G, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(3):247-58

Ultrastructural localization of cAMP-dependent protein kinase subunits in regenerating rat hepatocytes using immunogold electron microscopy. Squinto SP, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985;10(1):65-73

Continuous production of interferon in normal mice: effect of anti-interferon globulin, sex, age, strain and environment on the levels of 2-5A synthetase and p67K kinase. Galabru J, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):711-8

Protein kinase activities associated with the virions of pseudorabies and herpes simplex virus. Stevely WS, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):661-73

Monoclonal antibodies specific for the carboxy terminus of simian virus 40 large T antigen. MacArthur H, et al. **J Virol** 1984 Nov;52(2):483-91

Nucleotide sequence of avian sarcoma virus UR2 and comparison of its transforming gene with other members of the tyrosine protein kinase oncogene family. Neckameyer WS, et al. **J Virol** 1985 Mar;53(3):879-84

Immunological responsiveness against tumors induced by avian sarcoma virus: reduced expression of pp60src kinase activity in regressing tumors. Poulin L, et al. **J Virol** 1985 Mar;53(3):800-6

Double-stranded RNA-dependent protein kinase and 2-5A system are both activated in interferon-treated, encephalomyocarditis virus-infected HeLa cells. Rice AP, et al. **J Virol** 1985 Jun;54(3):894-8

Regulation of adenosine 3':5'-monophosphate-dependent protein kinase in cerebral cortex. Davis CW. **Life Sci** 1985 Jul 8;37(1):85-94

Pericytes, like vascular smooth muscle cells, are immunocytochemically positive for cyclic GMP-dependent protein kinase. Joyce NC, et al. **Microvasc Res** 1984 Sep;28(2):206-19

Immunoreactive levels of myosin light-chain kinase in normal and virus-transformed chicken embryo fibroblasts. Van Eldik LJ, et al. **Mol Cell Biol** 1984 Oct;4(10):2224-6

Monoclonal antibodies to an interferon-induced Mr 68,000 protein and their use for the detection of double-stranded RNA-dependent protein kinase in human cells. Laurent AG, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4341-5

Amino terminal myristylation of the protein kinase p60src, a retroviral transforming protein. Schultz AM, et al. **Science** 1985 Jan 25;227(4685):427-9

Nippostrongylus brasiliensis: occurrence of multiple protein kinases. Agarwal A, et al. **Z Parasitenkd** 1985;71(2):259-64

[The regulation mechanism of cyclic nucleotides and calcium] Miyamoto E. **Tanpakushitsu Kakusan Koso** 1984 Nov;29(12 Suppl):1279-85 (73 ref.) **(Jpn)**

[Value of determining casein kinase activity in the diagnosis of cancer of the large intestine] Vasil'ev VIu, et al. **Vrach Delo** 1985 Mar;(3):83-7 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Inhibition of protein kinase activity of phorboid and ingenoid receptor by di(adenosine-5')oligophosphate. Shoyab M. **Arch Biochem Biophys** 1985 Jan;236(1):441-4

Effect of supersensitivity of pre- and postsynaptic dopamine receptors on the activity of endogenous inhibitor of cAMP dependent protein kinase in rat striatum. Szmigielski A, et al. **Arch Int Pharmacodyn Ther** 1984 Dec;272(2):214-24

The effect of stimulation of pre- and postsynaptic dopamine receptors on the endogenous inhibitor of cAMP-dependent protein kinase. Szmigielski A, et al. **Arch Int Pharmacodyn Ther** 1984 Dec;272(2):205-13

1-(5-Isoquinolinesulfonyl)-2-methylpiperazine (H-7) is a selective inhibitor of protein kinase C in rabbit platelets. Kawamoto S, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):258-64

Tyrosine protein kinase activity in the DMBA-induced rat mammary tumor: inhibition by quercetin. Levy J, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1227-33

A 25 000 dalton inhibitor of cAMP independent protein kinases present in rat liver HMG protein preparations. Levy-Favatier F, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):149-56

Pyruvate inhibition of pyruvate dehydrogenase kinase is a physiological variable. Lyn D, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):992-8

Inhibition of the Ca2+- and phospholipid-dependent protein kinase by a novel Mr 17,000 Ca2+-binding protein. McDonald JR, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):603-10

Polymyxin B causes coordinate inhibition of phorbol ester-induced C-kinase activity and proliferation of B lymphocytes. Nel AE, et al.

Biochem Biophys Res Commun 1985 May 16;128(3):1364-72

Inhibition of phospholipid/Ca2+-dependent protein kinase and phosphorylation of leukemic cell proteins by CP-46,665-1, a novel antineoplastic lipoidal amine. Shoji M, et al. **Biochem Biophys Res Commun** 1985 Mar 15; 127(2):590-5

Inhibition of phosphorylase kinase, and tyrosine protein kinase activities by quercetin. Srivastava AK. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):1-5

Inhibition of turkey gizzard myosin light chain. Kinase activity by dihydropyridine calcium antagonists. Movsesian MA, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3759-64

Isoquinolinesulfonamides, novel and potent inhibitors of cyclic nucleotide dependent protein kinase and protein kinase C. Hidaka H, et al. **Biochemistry** 1984 Oct 9; 23(21):5036-41

Inhibition by gossypol of phospholipid-sensitive Ca2+-dependent protein kinase from pig testis. Kimura K, et al. **Biochim Biophys Acta** 1985 May 8;839(3):276-80

Specificity of inhibition of calcium- and calmodulin-dependent protein kinase by alloxan. Norling LL, et al. **Biochim Biophys Acta** 1984 Sep 28;801(2):197-205

Characterization of a seminal plasma-associated inhibitor of human seminal plasma protein kinase. Freedman MF, et al. **Biol Reprod** 1985 Mar;32(2):322-32

Inhibitors of calcium-dependent enzymes prevent the onset of afterdischarge in the peptidergic bag cell neurons of Aplysia. DeRiemer SA, et al. **Brain Res** 1985 Aug 5; 340(1):175-80

Inhibition of protein kinase C by tamoxifen. O'Brian CA, et al. **Cancer Res** 1985 Jun;45(6):2462-5

Inhibition of turkey gizzard myosin light chain kinase activity by BAY K 8644. Movsesian MA, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):161-3

A protein kinase C inhibitory activity is present in rat brain homogenate. Schwantke N, et al. **FEBS Lett** 1984 Nov 5;177(1):36-40

Amiloride inhibits phorbol ester-stimulated Na+/H+ exchange and protein kinase C. An amiloride analog selectively inhibits Na+/H+ exchange. Besterman JM, et al. **J Biol Chem** 1985 Jan 25;260(2):1155-9

Amiloride directly inhibits growth factor receptor tyrosine kinase activity. Davis RJ, et al. **J Biol Chem** 1985 Feb 25; 260(4):2543-51

Inhibitory effect of 5,6-dichloro-1-beta-D-ribofuranosylbenzimidazole on a protein kinase. Zandomeni R, et al. **J Biol Chem** 1984 Dec 10;259(23):14804-11

Inhibition of cyclic AMP-dependent protein kinase-induced changes in the kinetic properties of hepatic pyruvate kinase by the specific cyclic AMP antagonist, the (Rp)-diastereomer of adenosine cyclic 3',5'-phosphorothioate. Dragland-Meserve CJ, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(4):371-82

Tumor promoter-stimulated protein phosphorylation in mouse epidermis is inhibited by bromophenacyl bromide. Edinger FM, et al. **J Invest Dermatol** 1985 May;84(5):413-6

Mode of inhibitory action of bilirubin on protein kinase C. Sano K, et al. **Pediatr Res** 1985 Jun;19(6):587-90

Identification of an inhibitory region of the heat-stable protein inhibitor of the cAMP-dependent protein kinase. Scott JD, et al. **Proc Natl Acad Sci USA** 1985 Jul; 82(13):4379-83

Amino acid sequence of the heat-stable inhibitor of the cAMP-dependent protein kinase from rabbit skeletal muscle. Scott JD, et al. **Proc Natl Acad Sci USA** 1985 Sep; 82(17):5732-6

BIOSYNTHESIS

Catalytic properties of a human cytomegalovirus-induced protein kinase. Michelson S, et al. **Eur J Biochem** 1985 Jun 3;149(2):393-9

Growth-related expression of a double-stranded RNA-dependent protein kinase in 3T3 cells. Petryshyn R, et al. **J Biol Chem** 1984 Dec 10;259(23):14736-42

Establishment of the antiviral state in alpha, beta-interferon-resistant Friend cells treated with gamma-interferon. Induction of 67-kilodalton protein kinase activity in absence of detectable 2-5A synthetase. Romeo G, et al. **J Biol Chem** 1985 Mar 25;260(6):3833-8

Induction of cAMP-dependent protein kinase I during human monocyte differentiation. Wenger GD, et al. **J Immunol** 1985 Mar;134(3):1836-43

Characteristics of the induction of two double-stranded RNA-dependent enzymes by interferon in parental and variant L cells. Veomett GE, et al. **J Interferon Res** 1985 Spring;5(2):327-37

BLOOD

Protein kinases in human leukemic cells. Phan-Dinh-Tuy F, et al. **Am J Hematol** 1985 Jul;19(3):209-18

Enhanced tyrosine phosphorylation in B lymphocytes upon complexing of membrane immunoglobulin. Nel AE, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):859-66

Interactions of arachidonate metabolism and protein kinase C in mediating neutrophil function. O'Flaherty JT, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):916-23

Characterization of human red blood cell tyrosine kinase. Phan-Dinh-Tuy F, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):304-12

Higher tyrosine protein kinase activity in resting lymphocytes than in proliferating normal or leukaemic blood cells. Piga A, et al. **Biochem Biophys Res Commun** 1984 Nov 14; 124(3):766-73

High tyrosine-specific protein kinase activity in normal human peripheral blood lymphocytes. Trevillyan JM, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):1-9

Evidence that treatment of platelets with phorbol ester causes proteolytic activation of Ca2+-activated, phospholipid-dependent protein kinase. Tapley PM, et al. **Eur J Biochem** 1985 Sep 2;151(2):419-23

Interactions of the human red cell membrane tyrosine kinase with heparin. Boivin P, et al. **FEBS Lett** 1985 Jul 1; 186(1):89-92

Regulation of platelet cytosolic free calcium by cyclic nucleotides and protein kinase C. MacIntyre DE, et al. **FEBS Lett** 1985 Sep 2;188(2):383-8

Two separate tyrosine protein kinases in human platelets. Nakamura S, et al. **FEBS Lett** 1985 May 6;184(1):56-9

Phosphorylation-dephosphorylation of membrane proteins of human erythrocytes. Moret V. **Ital J Biochem** 1984 Jul-Aug;33(4):233A-237A

Characterization of distinct tyrosine-specific protein kinases in B and T lymphocytes. Earp HS, et al. **J Biol Chem** 1985 Apr 10;260(7):4351-6

Defect in insulin receptor phosphorylation in erythrocytes and fibroblasts associated with severe insulin resistance. Grigorescu F, et al. **J Biol Chem** 1984 Dec 25; 259(24):15003-6

Differential phosphorylation of multiple sites in protein 4.1 and protein 4.9 by phorbol ester-activated and cyclic AMP-dependent protein kinases. Horne WC, et al. **J Biol Chem** 1985 Aug 5;260(16):9073-6

Serotonin secretion from human platelets may be modified by Ca2+-activated, phospholipid-dependent myosin phosphorylation. Inagaki M, et al. **J Biol Chem** 1984 Dec 10;259(23):14321-3

Protein kinase C and calcium ion in mitogenic response of macrophage-depleted human peripheral lymphocytes. Kaibuchi K, et al. **J Biol Chem** 1985 Feb 10;260(3):1366-9

Characterization of tyrosyl kinase activity in human serum. Lin MF, et al. **J Biol Chem** 1985 Feb 10;260(3):1582-7

Tyrosine kinase activity of the insulin receptor of patients with type A extreme insulin resistance: studies with circulating mononuclear cells and cultured lymphocytes. Grunberger G, et al. **J Clin Endocrinol Metab** 1984 Dec; 59(6):1152-8

Calcium regulation of magnesium dependent phosphorylation of human erythrocyte ghost spectrin. Pant HC, et al. **Physiol Chem Phys Med NMR** 1984;16(4):283-91

The 90-kDa component of reticulocyte heme-regulated eIF-2 alpha (initiation factor 2 alpha-subunit) kinase is derived from the beta subunit of spectrin. Kudlicki W, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5332-6

Calmodulin-dependent protein kinase from avian erythrocytes. Palfrey HC, et al. **Prog Clin Biol Res** 1984; 165:291-308

[Heterologous desensitization of pigeon erythrocyte adenylate cyclase by the catalytic subunit of cAMP-dependent protein kinase.] Popov KM, et al. **Biokhimiia** 1985 Mar;50(3):443-6 (Eng. Abstr.) **(Rus)**

DEFICIENCY

Basic characterization of an ouabain-resistant, bumetanide-sensitive K+ carrier-mediated transport system in J774.2 mouse macrophage-like cell line and in variants deficient in adenylate cyclase and cAMP-dependent protein kinase activities. Bourrit A, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):85-94

GENETICS

Enhancement of cellular src gene product associated tyrosyl kinase activity following polyoma virus infection and transformation. Bolen JB, et al. **Cell** 1984 Oct;38(3):767-77

Hormonal regulation of the Rous sarcoma virus src gene via a heterologous promoter defines a threshold dose for cellular transformation. Jakobovits EB, et al. **Cell** 1984 Oct; 38(3):757-65

The Drosophila EGF receptor gene homolog: conservation of both hormone binding and kinase domains. Livneh E, et al. **Cell** 1985 Mar;40(3):599-607

Differential expression of the cellular src gene during vertebrate development. Schartl M, et al. **Dev Biol** 1984 Oct;105(2):415-22

Specific transforming potential of oncogenes encoding protein-tyrosine kinases. Mathey-Prevot B, et al. **EMBO J** 1985 Jul;4(7):1769-74

Studies on glucose-induced inactivation of gluconeogenetic enzymes in adenylate cyclase and cAMP-dependent protein kinase yeast mutants. Tortora P, et al. **Eur J Biochem** 1984 Dec 17;145(3):543-8

Human c-f gr gene does not contain coding sequence for actin-like protein. Nishizawa M, et al. **Gann** 1985 Mar; 76(3):155-9

Different cellular substrates of Abelson leukemia virus transforming protein kinase in murine fibroblasts and lymphocytes. Saggioro D, et al. **Hamatol Bluttransfus** 1985; 29:298-301

Studies on the polyoma-virus-induced tumor-specific transplantation antigen (TSTA)—does middle or large T-antigen play a role? Dalianis T, et al. **Int J Cancer** 1984 Sep 15;34(3):403-6

Elevated expression of the cellular src gene in tumors of differing etiologies in Xiphophorus. Schartl M, et al. **Int J Cancer** 1985 Aug 15;36(2):199-207

Isolation and analysis of an Abelson murine leukemia virus-encoded tyrosine-specific kinase produced in Escherichia coli. Ferguson B, et al. **J Biol Chem** 1985 Mar 25;260(6):3652-7

Characterization of cyclic AMP-requiring yeast mutants altered in the catalytic subunit of protein kinase. Uno I, et al. **J Biol Chem** 1984 Oct 25;259(20):12508-13

Localization of tyrosine kinase-coding region in v-abl oncogene by the expression of v-abl-encoded proteins in bacteria. Wang JY, et al. **J Biol Chem** 1985 Jan 10; 260(1):64-71

Nucleotide sequence and topography of chicken c-fps. Genesis of a retroviral oncogene encoding a tyrosine-specific protein kinase. Huang CC, et al. **J Mol Biol** 1985 Jan 20;181(2):175-86

Aligning amino acid sequences: comparison of commonly used methods. Feng DF, et al. **J Mol Evol** 1984-85; 21(2):112-25

Middle tumor antigen of polyomavirus transformation-defective mutant NG59 is associated with pp60c-src. Bolen JB, et al. **J Virol** 1985 Jan;53(1):114-9

Isolation and structural mapping of a human c-src gene homologous to the transforming gene (v-src) of Rous sarcoma virus. Gibbs CP, et al. **J Virol** 1985 Jan;53(1):19-24

Genetic and biochemical analysis of transformation-competent, replication-defective simian virus 40 large T antigen mutants. Manos MM, et al. **J Virol** 1985 Jan;53(1):120-7

The major site of tyrosine phosphorylation in polyomavirus middle T antigen is not required for transformation. Mes-Masson AM, et al. **J Virol** 1984 Nov;52(2):457-64

The minimum transforming region of v-abl is the segment encoding protein-tyrosine kinase. Prywes R, et al. **J Virol** 1985 Apr;53(4):114-22

Human cellular src gene: nucleotide sequence and derived amino acid sequence of the region coding for the carboxy-terminal two-thirds of pp60c-src. Anderson SK, et al. **Mol Cell Biol** 1985 May;5(5):1122-9

Structurally and functionally modified forms of pp60v-src in Rous sarcoma virus-transformed cell lysates. Collett MS, et al. **Mol Cell Biol** 1984 Jul;4(7):1213-20

Association of simian virus 40 T antigen with the nuclear matrix of infected and transformed monkey cells. Covey L, et al. **Mol Cell Biol** 1984 Jul;4(7):1384-92

A short sequence in the p60src N terminus is required for p60src myristylation and membrane association and for cell transformation. Cross FR, et al. **Mol Cell Biol** 1984 Sep; 4(9):1834-42

Activation of the c-abl oncogene by viral transduction or chromosomal translocation generates altered c-abl proteins with similar in vitro kinase properties. Davis RL, et al. **Mol Cell Biol** 1985 Jan;5(1):204-13

An antibody to a synthetic peptide recognizes polyomavirus middle-T antigen and reveals multiple in vitro tyrosine phosphorylation sites. Harvey R, et al. **Mol Cell Biol** 1984 Jul;4(7):1334-42

Mutation of a termination codon affects src initiation. Hughes S, et al. **Mol Cell Biol** 1984 Sep;4(9):1738-46

Overexpressed pp60c-src can induce focus formation without complete transformation of NIH 3T3 cells. Johnson PJ, et al. **Mol Cell Biol** 1985 May;5(5):1073-83

Expression of the Rous sarcoma virus src gene in avian macrophages fails to elicit transformed cell phenotype. Lipsich L, et al. **Mol Cell Biol** 1984 Jul;4(7):1420-4

Isolation of duplicated human c-src genes located on chromosomes 1 and 20. Parker RC, et al. **Mol Cell Biol** 1985 Apr;5(4):831-8

A mutation at the ATP-binding site of pp60v-src abolishes kinase activity, transformation, and tumorigenicity. Snyder MA, et al. **Mol Cell Biol** 1985 Jul;5(7):1772-9

Functional domains of the pp60v-src protein as revealed by analysis of temperature-sensitive Rous sarcoma virus mutants. Stoker AW, et al. **Mol Cell Biol** 1984 Aug; 4(8):1508-14

Clues to the puzzle of purpose [news] Bishop JM. **Nature** 1985 Aug 8-14;316(6028):483-4

Translocation of the p53 gene in t(15;17) in acute promyelocytic leukaemia. Le Beau MM, et al. **Nature** 1985 Aug 29-Sep 4;316(6031):826-8

SV40 enhancer and large-T antigen are instrumental in development of choroid plexus tumours in transgenic mice. Palmiter RD, et al. **Nature** 1985 Aug 1-7;316(6027):457-60

Human insulin receptor and its relationship to the tyrosine kinase family of oncogenes. Ullrich A, et al. **Nature** 1985 Feb 28-Mar 6;313(6005):756-61

Potential role of the src gene product in inhibition of gap-junctional communication in NIH/3T3 cells. Chang CC, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5360-4

Mutation of NH2-terminal glycine of p60src prevents both myristoylation and morphological transformation. Kamps MP, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4625-8

Simian virus 40 T antigen is required for viral excision from chromosomes. Miller J, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7534-8

Protein kinase activity associated with the product of the yeast cell division cycle gene CDC28. Reed SI, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4055-9

Amplification of a novel v-erbB-related gene in a human mammary carcinoma. King CR, et al. **Science** 1985 Sep 6;229(4717):974-6

Characterization of two strains of avian sarcoma virus isolated from avian lymphatic leukosis virus-induced sarcomas. Hagino-Yamagishi K, et al. **Virology** 1984 Sep; 137(2):266-75

The human cellular abl gene product in the chronic myelogenous leukemia cell line K562 has an associated tyrosine protein kinase activity. Kloetzer W, et al. **Virology** 1985 Jan 30;140(2):230-8

Further characterization of the P85gag-mos -associated protein kinase activity. Kloetzer WS, et al. **Virology** 1984 Oct 15;138(1):143-55

IMMUNOLOGY

Monoclonal antibodies as probes for functional domains in cAMP-dependent protein kinase II. Weldon SL, et al. **J Biol Chem** 1985 Apr 10;260(7):4203-9

A small scale indirect 125iodine-labelled protein A binding assay for detection of monoclonal antibodies against avian oncoviral proteins. Tanaka T, et al. **J Immunol Methods** 1984 Dec 31;75(2):217-25

Emergence of cyclic guanosine 3':5'-monophosphate-dependent protein kinase immunoreactivity in developing rhesus monkey cerebellum: correlative immunocytochemical and electron microscopic analysis. Levitt P, et al. **J Neurosci** 1984 Oct;4(10):2553-64

Polyclonal antibodies to phospholipid/Ca2+-dependent protein kinase and immunocytochemical localization of the enzyme in rat brain. Girard PR, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):3030-4

Antibodies to two defined regions of the transforming protein pp60src interact specifically with the epidermal growth factor receptor kinase system. Lax I, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):5911-5

Production and characterization of a monoclonal antibody to a human interferon-induced double-stranded RNA-binding Mr 68,000 protein kinase. Penn LJ, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4959-63

Immunoprecipitation of insulin receptors from cultured human lymphocytes (IM-9 cells) by antibodies to pp60src. Perrotti N, et al. **Science** 1985 Feb 15;227(4688):761-3

ISOLATION & PURIFICATION

Modulation of rat liver hydroxymethylglutaryl-CoA reductase by protein phosphatases: purification of nonspecific hydroxymethylglutaryl-CoA reductase phosphatases. Calvet VE, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):753-65

Subcellular distribution of protein kinase C of GH3 cells: quantitation and characterization by polyacrylamide gel electrophoresis. Fabbro D, et al. **Arch Biochem Biophys** 1985 May 15;239(1):102-11

Evidence of tyrosine kinase activit[illegible]he photosynthetic bacterium Rhodospirillum rubrum. Vallejos RH, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):685-91

An unusual cyclic AMP-dependent protein kinase from nematodes. Vardanis A. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):947-53

Ca2+-dependent hydrophobic-interaction chromatography. Isolation of a novel Ca2+-binding protein and protein kinase C from bovine brain. Walsh MP, et al. **Biochem J** 1984 Nov 15;224(1):117-27

Isolation of a heme-controlled inhibitor of translation that blocks the interaction between messenger rna and eukaryotic initiation factor 2. Knoller S, et al. **Biochemistry** 1984 May 22;23(11):2462-9

Chromatographic behavior of cyclic AMP dependent protein kinase and its subunits from Dictyostelium discoideum. Rutherford CL, et al. **Biochemistry** 1984 Sep 25; 23(20):4611-7

Purification of myosin light chain kinase from Limulus muscle. Sellers JR, et al. **Biochemistry** 1984 Nov 20; 23(24):5821-6

Ribosome-associated cyclic nucleotide-independent protein kinase of Artemia salina cryptobiotic gastrulae. Thoen C, et al. **Biochim Biophys Acta** 1985 Jul 24;825(3):268-79

Distribution and properties of type I and type II binding proteins in the cyclic adenosine 3':5'-monophosphate-dependent protein kinase system in Wilms' tumor. Nakajima F, et al. **Cancer Res** 1984 Nov; 44(11):5182-7

Partial purification and characterization of the calcium-dependent and phospholipid-dependent protein kinase C from chick oviduct. Horn F, et al. **Eur J Biochem** 1985 May 2;148(3):533-8

Isolation and partial characterization of distinct forms of tyrosine protein kinases from rat spleen. Brunati AM, et al. **FEBS Lett** 1985 Sep 2;188(2):321-5

Phosphorylation of myosin light chain and the actin-activated ATPase activity of adrenal medullary myosin. Kanda K, et al. **J Biochem (Tokyo)** 1985 Mar; 97(3):961-4

Purification and characterization of two cyclic AMP-independent protein kinases from AH-66 hepatoma ascites cells. Nakajo S, et al. **J Biochem (Tokyo)** 1984 Nov; 96(5):1575-85

Purification and characterization of a protein-tyrosine kinase encoded by the Abelson murine leukemia virus. Foulkes JG, et al. **J Biol Chem** 1985 Jul 5;260(13):8070-7

N-(2-Aminoethyl)-5-isoquinolinesulfonamide, a newly synthesized protein kinase inhibitor, functions as a ligand in affinity chromatography. Purification of Ca2+-activated, phospholipid-dependent and other protein kinases. Inagaki M, et al. **J Biol Chem** 1985 Mar 10;260(5):2922-5

Crystallization and preliminary x-ray investigation of the regulatory subunit of cAMP-dependent protein kinase. Lee JH, et al. **J Biol Chem** 1985 Aug 5;260(16):9380-1

Isolation and sequence of a tryptic peptide containing the autophosphorylation site of the regulatory subunit of bovine brain protein kinase II. Stein JC, et al. **J Biol Chem** 1985 Sep 15;260(20):10991-5

Partial purification and characterization of a nerve growth factor-sensitive kinase and its substrate from PC12 cells. Togari A, et al. **J Biol Chem** 1985 Mar 25;260(6):3804-11

Affinity chromatography of protein kinase C-phorbol ester receptor on polyacrylamide-immobilized phosphatidylserine. Uchida T, et al. **J Biol Chem** 1984 Oct 25;259(20):12311-4

Purification of an active EGF receptor kinase with monoclonal antireceptor antibodies. Yarden Y, et al. **J Biol Chem** 1985 Jan 10;260(1):315-9

Separation of basic, hydrophilic peptides by reversed-phase ion-pair chromatography. IV. Preparative applications related to purification of two substrates of cyclic AMP-dependent protein kinase. Fransson B, et al. **J Chromatogr** 1985 Jun 28;328:396-401

Elution of the catalytic subunits of the type I and type II forms of cyclic AMP-dependent protein kinase within the type I chromatographic peak. Hunzicker-Dunn M, et al. **J Chromatogr** 1984 Nov 16;312:293-302

Interferon-mediated protein kinase activity in different fractions of mouse L-929 cells. Galabru J, et al. **J Interferon Res** 1984 Fall;4(4):469-80

Myristic acid, a rare fatty acid, is the lipid attached to the transforming protein of Rous sarcoma virus and its cellular homolog. Buss JE, et al. **J Virol** 1985 Jan;53(1):7-12

Purification of p53/55 kinase from nuclear ribonucleoproteins of Namalwa cells. Graham DA, et al. **Mol Cell Biochem** 1984 Aug;63(1):39-52 (65 ref.)

Polyamine-sensitive protein kinase from chick intestinal mucosa. Mezzetti G, et al. **Mol Cell Biochem** 1985 Mar; 66(2):175-83

Purification of the Rous sarcoma virus src kinase by casein-agarose and tyrosine-agarose affinity chromatography. Fukami Y, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):321-4

Partial purification and characterization of a pp60v-src-related tyrosine kinase from bovine brain. Neer EJ, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6025-9

Separation of endogenous calmodulin- and cAMP-dependent kinases from microtubule preparations. Vallano ML, et al. **Proc Natl Acad Sci USA** 1985 May; 82(10):3202-6

[Studies of phosphorylation in rat mast cells (fourth report)--isolation of calcium-activated, phosphatidylserine and diacylglycerol-dependent protein kinase] Kurosawa M, et al. **Arerugi** 1984 Dec;33(12):1053-8 (Eng. Abstr.) **(Jpn)**

[cAMP-dependent protein kinase from pigeon breast muscle. Isolation of regulatory subunits by affinity chromatography and study of the topography of the cAMP binding site using cAMP analogs] Grivennikov IA, et al. **Biokhimiia** 1984 Sep;49(9):1395-406 (Eng. Abstr.) **(Rus)**

METABOLISM

Purification and some properties of protamine kinase from rabbit brain. Zając J. **Acta Biochim Pol** 1984;31(4):421-30

Characterization of calcium and phospholipid dependent protein kinase in isolated rat adipocytes. Skoglund G, et al. **Acta Chem Scand [B]** 1985;39(3):219-26

Effect of influenza virus on protein phosphorylation in isolated membranes of chick embryo cells. Križanová O, et al. **Acta Virol (Praha)** 1985 Jan;29(1):1-10

Altered subcellular distribution of protein kinase C (a phorbol ester receptor). Possible role in tumor promotion and the regulation of cell growth: relationship to changes in adenylate cyclase activity. Anderson WB, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:287-306 (74 ref.)

Regulation of the cellular and subcellular concentrations and distribution of cyclic nucleotide-dependent protein kinases. Lohmann SM, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1984; 18:63-117 (349 ref.)

Lipolysis and cyclic-AMP-dependent protein kinase in adipocytes: adenylate cyclase regulators versus insulin. Londos C, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:221-34

Calcium as intracellular messenger: sensitivity modulation, C-kinase pathway, and sustained cellular response. Rasmussen H, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1984; 18:159-93 (162 ref.)

Tyrosine protein kinases. Sefton BM, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1984; 18:195-226 (202 ref.)

Renal brush border membranes in X-linked hypophosphatemic mice: a study of the protein kinase activity. Brunette MG, et al. **Adv Exp Med Biol** 1984; 178:37-40

The calmodulin-dependent phosphorylation of cardiac myosin. Hofmann F, et al. **Adv Myocardiol** 1985;5:87-95

Chronic ethanol exposure alters dopaminergic signal transduction processes. Rius RA, et al. **Alcohol** 1985 Mar-Apr;2(2):245-8

Modulation of high-density lipoprotein: the importance of protein phosphorylation/dephosphorylation. Hooper PL, et al. **Am Heart J** 1984 Nov;108(5):1393-8 (58 ref.)

Erythrocyte membrane phosphorylation in aging rats. Kumar R. **Am J Hematol** 1985 Jan;18(1):19-30

Evidence for protein kinase C as a regulator of intestinal electrolyte transport. Fondacaro JD, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):G422-6

Myosin light chain phosphorylation in fast and slow skeletal muscles in situ. Moore RL, et al. **Am J Physiol** 1984 Nov; 247(5 Pt 1):C462-71

Calcium-activated, phospholipid-dependent protein kinase in pancreatic acinar cells. Noguchi M, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G692-701

An enzymatic method for radiolabeling vertebrate vitellogenin. Opresko L, et al. **Anal Biochem** 1984 Aug 1;140(2):372-9

Testicular tyrosine-specific protein kinase activity: high levels in purified Leydig cells. Melner MH, et al. **Ann NY Acad Sci** 1984;438:632-5

Protein-tyrosine kinases. Hunter T, et al. **Annu Rev Biochem** 1985;54:897-930 (239 ref.)

The function of myosin and myosin light chain kinase phosphorylation in smooth muscle. Kamm KE, et al. **Annu Rev Pharmacol Toxicol** 1985;25:593-620 (117 ref.)

Phosphorylation of cAMP-dependent protein kinases in normal and abnormal human sperm. Eppenberger U, et al. **Arch Androl** 1984;12 Suppl:115-28

Calmodulin-dependent protein kinase in acini from lactating rat mammary tissue: subcellular locale, characterization, and solubilization. Brooks CL, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):663-73

Characteristics of protein tyrosine kinase activities of Y-79 retinoblastoma cells and retina. Gentleman S, et al. **Arch Biochem Biophys** 1985 May 15;239(1):130-6

Rat skeletal muscle glycogen synthase: phosphorylation of the purified enzyme by cAMP-dependent and -independent protein kinases. Hiken JF, et al. **Arch Biochem Biophys** 1985 Jan;236(1):59-71

Phosphorylation in vitro of fibrinogen from three mammalian species with four different protein kinases. Humble E, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):225-31

Ca2+, calmodulin-dependent phosphorylation, and inactivation of glycogen synthase by a brain protein kinase. Iwasa T, et al. **Arch Biochem Biophys** 1984 Nov 15; 235(1):212-7

A comparison of the cyclic nucleotide-dependent protein kinases using chemical cleavage at tryptophan and cysteine. Monken CE, et al. **Arch Biochem Biophys** 1985 Aug 1; 240(2):888-903

Studies on the activation of the heme-stabilized translational inhibitor of reticulocyte lysates by oxidized glutathione and NADPH depletion. Palomo C, et al. **Arch Biochem Biophys** 1985 Jun;239(2):497-507

Long-chain fatty acyl-coenzyme A's activate both the ligand-binding and protein kinase activities of phorboid and ingenoid receptor. Shoyab M. **Arch Biochem Biophys** 1985 Jan;236(1):435-40

The phosphorylation site for casein kinase II on 20,000-Da light chain of gizzard myosin. Tashiro Y, et al. **Arch Biochem Biophys** 1984 Sep;233(2):540-6

Calmodulin-dependent protein kinase (kinase II) which is involved in the activation of tryptophan 5-monooxygenase catalyzes phosphorylation of tubulin. Yamauchi T, et al. **Arch Biochem Biophys** 1984 Oct;234(1):89-96

Protein kinase C activity in renal microvillus membranes. Barrett PQ, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):494-505

TCDD (2,3,7,8-tetrachlorodibenzo-p-dioxin) causes increases in protein kinases particularly protein kinase C in the hepatic plasma membrane of the rat and the guinea pig. Bombick DW, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):296-302

Structural analogies between protein kinase C activators. Brasseur R, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):969-76

Structural and chemical specificity of diacylglycerols for protein kinase C activation. Cabot MC, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):163-9

Diacylglycerols release LH: structure-activity relations reveal a role for protein kinase C. Conn PM, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):532-9

Relationship between membrane-bound protein kinase C activity and calcium-dependent proliferation of BALB/c 3T3 cells. Donnelly TE Jr, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):741-7

Protein kinase C translocates from cytosol to membrane upon hormone activation: effects of thyrotropin-releasing hormone in GH3 cells. Drust DS, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):531-7

Cyclic AMP-dependent protein kinase stimulates the phosphorylation of phosphatidylinositol to phosphatidylinositol-4-monophosphate in a plasma membrane preparation from pig granulocytes. Farkas G, et al. **Biochem Biophys Res Commun** 1984 Nov 14; 124(3):871-6

Diacylglycerol-activated, calcium/phospholipid-dependent protein kinase (protein kinase C) activity in bovine thyroid. Friedman Y, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):971–80

Removal of sialic acids from the purified insulin receptor results in enhanced insulin–binding and kinase activities. Fujita–Yamaguchi Y, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):739–45

Phosphorylation of the androgen receptor by a nuclear cAMP–independent protein kinase. Goueli SA, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):778–84

Calcium and phospholipid–dependent protein kinase activity in mouse epidermis cytosol. Stimulation by complete and incomplete tumor promoters and inhibition by various compounds. Gschwendt M, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):63–8

Protease–activated protein kinase in rat liver plasma membrane. Hashimoto E, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):246–54

Phosphorylation of phosphofructokinase by protein kinase C changes the allosteric properties of the enzyme. Hofer HW, et al. **Biochem Biophys Res Commun** 1985 Jun 28; 129(3):892–7

Phosphorylation of fodrin (nonerythroid spectrin) by the purified insulin receptor kinase. Kadowaki T, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):493–500

Regulatory subunit of cAMP–dependent protein kinase inhibits phosphoprotein phosphatase. Khatra BS, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):567–73

Substrate specificities of insulin and epidermal growth factor receptor kinases. Klein HH, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):254–63

Characterisation of the interferon–mediated protein kinase by polyclonal antibodies. Laurent AG, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):1–7

Stimulation of hexose transport by human polymorphonuclear leukocytes: a possible role for protein kinase C. McCall C, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):450–6

Characterization of a protein kinase–substrate complex precipitable with Ca2+ from the cytosol fraction of AH–66 hepatoma cells. Nakajo S, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):251–7

Synergistic stimulation of luteinizing hormone (LH) release by protein kinase C activators and Ca2+–ionophore. Naor Z, et al. **Biochem Biophys Res Commun** 1985 Jul 31; 130(2):848–53

Protein kinase C phosphorylates the synthetic peptide Arg–Arg–Lys–Ala–Ser–Gly–Pro–Pro–Val in the presence of phospholipid plus either Ca2+ or a phorbol ester tumor promoter. O'Brian CA, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):296–302

Prolactin secretion in permeable GH3 pituitary cells is stimulated by Ca2+ and protein kinase C activators. Ronning SA, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):524–32

The regulatory and catalytic subunits of rat liver cyclic AMP–dependent protein kinases respond differently to thyroparathyroidectomy and 1 alpha,25–dihydroxyvitamin D3. Sikorska M, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):766–72

Stimulation of the cyclic AMP–dependent protein kinase–catalyzed phosphorylation of phosphorylase kinase by micromolar concentrations of spermine. Singh TJ, et al. **Biochem Biophys Res Commun** 1985 Aug 15; 130(3):1308–13

Protein kinase activity of purified rat liver glucocorticoid receptor. Singh VB, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):1067–73

Quantitation and significance of 125I–calmodulin binding to myosin light chain kinase and phosphorylase distributed on polyacrylamide gels. Slaughter GR, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):295–303

Stimulation of tyrosine protein kinase activity by dimethyl sulfoxide. Srivastava AK. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1042–7

Activation of cellular protein kinase C and mode of inhibitory action of phospholipid–interacting compounds. Uratsuji Y, et al. **Biochem Biophys Res Commun** 1985 Jul 31; 130(2):654–61

Phosphorylation of neurofilament proteins by endogenous calcium/calmodulin–dependent protein kinase. Vallano ML, et al. **Biochem Biophys Res Commun** 1985 Aug 15; 130(3):957–63

Ca2+– or phorbol ester– dependent effect of ATP on a subpopulation of cAMP cell–surface receptors in membranes from D. discoideum. A role for protein kinase C. Van Haastert PJ, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):185–92

Stimulation of Na+/H+ antiport activity by epidermal growth factor and insulin occurs without activation of protein kinase C. Vara F, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):646–53

Adrenocortical cytochrome P–450 responsible for cholesterol side chain cleavage (P–450scc) is phosphorylated by the calcium–activated, phospholipid–sensitive protein kinase (protein kinase C). Vilgrain I, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):554–61

Protein phosphatases active on acetyl–CoA carboxylase phosphorylated by casein kinase I, casein kinase II and the cAMP–dependent protein kinase. Witters LA, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1132–8

Self–regulation of calmodulin–dependent protein kinase II and glycogen synthase kinase by autophosphorylation. Yamauchi T, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):213–9

Characterization of calcium–activated neutral protease (CANP)–associated protein kinase from bovine brain and its phosphorylation of neurofilaments. Zimmerman UJ, et al. **Biochem Biophys Res Commun** 1985 Jun 28; 129(3):804–11

Protein kinase C activity in pancreatic islets: effects of Ca2+, calmodulin and retinoic acid. Hubinont CJ, et al. **Biochem Int** 1985 Apr;10(4):577–84

Characterization of protein kinase C and its role in catecholamine secretion from bovine adrenal–medullary cells. Brocklehurst KW, et al. **Biochem J** 1985 May 15; 228(1):35–42

Calcium–ion and calmodulin–dependent kappa–casein kinase in rat mammary acini. Brooks CL, et al. **Biochem J** 1984 Nov 15;224(1):195–200

Protein kinase activity associated with pancreatic zymogen granules. Burnham DB, et al. **Biochem J** 1985 May 1; 227(3):743–51

Substrates for cyclic AMP–dependent protein kinase in islets of Langerhans. Studies with forskolin and catalytic subunit. Christie MR, et al. **Biochem J** 1985 May 1;227(3):727–36

The role of the phosphate group for the structure of phosphopeptide products of adenosine 3',5'–cyclic monophosphate–dependent protein kinase. Hider RC, et al. **Biochem J** 1985 Jul 15;229(2):485–9

Evidence that glucagon–mediated inhibition of acetyl–CoA carboxylase in isolated adipocytes involves increased phosphorylation of the enzyme by cyclic AMP–dependent protein kinase. Holland R, et al. **Biochem J** 1985 Feb 15; 226(1):139–45

Phosphorylation of high mobility group 1 protein by phospholipid–sensitive Ca2+–dependent protein kinase from pig testis. Kimura K, et al. **Biochem J** 1985 Apr 1; 227(1):271–6

Characteristics of selective activation of cyclic AMP–dependent protein kinase isoenzymes by calcitonin and prostaglandin E2 in human breast cancer cells. Livesey SA, et al. **Biochem J** 1984 Dec 1;224(2):361–70

Effect of starvation, diabetes and insulin on the casein kinase 2 from rat liver cytosol. Martos C, et al. **Biochem J** 1985 Jan 15;225(2):321–6

Identification of a cellular 110 000–Da protein substrate for the insulin–receptor kinase. Sadoul JL, et al. **Biochem J** 1985 May 1;227(3):887–92

Mechanism of action of 5'–methylthioadenosine in S49 cells. Riscoe MK, et al. **Biochem Pharmacol** 1984 Nov 15; 33(22):3639–43

Protein kinases and insulin action in fat cells. Denton RM, et al. **Biochem Soc Trans** 1984 Oct;12(5):768–71

Tyrosine protein kinases, viral transformation and the control of cell proliferation. Hunter T, et al. **Biochem Soc Trans** 1984 Oct;12(5):757–9

The insulin receptor–kinase complex: an integrated system for transmembrane hormone signalling. Van Obberghen E, et al. **Biochem Soc Trans** 1984 Oct;12(5):762–6

Adenosine cyclic 3',5'–monophosphate dependent protein kinase: nucleotide binding to the chemically modified catalytic subunit. Bhatnagar D, et al. **Biochemistry** 1984 Sep 11;23(19):4350–7

Covalent modification of both cAMP binding sites in cAMP–dependent protein kinase I by 8–azidoadenosine 3',5'–monophosphate. Bubis J, et al. **Biochemistry** 1985 Apr 23;24(9):2163–70

Identification of a protein kinase as an intrinsic component of rat liver coated vesicles. Campbell C, et al. **Biochemistry** 1984 Sep 11;23(19):4420–6

Purification and characterization of a Ca2+/calmodulin–dependent protein kinase from rat brain. Kuret J, et al. **Biochemistry** 1984 Nov 6;23(23):5495–504

Circular dichroic evidence for an ordered sequence of ligand/binding site interactions in the catalytic reaction of the cAMP–dependent protein kinase. Reed J, et al. **Biochemistry** 1985 Jun 4;24(12):2967–73

Amino acid sequence at the site on protein phosphatase inhibitor–2, phosphorylated by glycogen synthase kinase–3. Aitken A, et al. **Biochim Biophys Acta** 1984 Nov 9; 790(3):288–91

Identification of the residues on cyclic GMP–dependent protein kinase that are autophosphorylated in the presence of cyclic AMP and cyclic GMP. Aitken A, et al. **Biochim Biophys Acta** 1984 Nov 9;790(3):219–25

The phorbol ester receptor: a phospholipid–regulated protein kinase. Ashendel CL. **Biochim Biophys Acta** 1985 Sep 9; 822(2):219–42 (228 ref.)

Inhibition by verapamil of neutrophil responses to formylmethionylleucylphenylalanine and phorbol myristate acetate. Mechanisms involving Ca2+ changes, cyclic AMP and protein kinase C. Della Bianca V, et al. **Biochim Biophys Acta** 1985 May 30;845(2):223–36

A type–1 casein kinase from yeast phosphorylates both serine and threonine residues of casein. Identification of the phosphorylation sites. Donella–Deana A, et al. **Biochim Biophys Acta** 1985 Jun 10;829(2):180–7

Atriopeptin II elevates cyclic GMP, activates cyclic GMP–dependent protein kinase and causes relaxation in rat thoracic aorta. Fiscus RR, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):179–84

Cyclic GMP–dependent protein kinase activation in canine tracheal smooth muscle by methacholine and sodium nitroprusside. Fiscus RR, et al. **Biochim Biophys Acta** 1984 Dec 11;805(4):382–92

Modulation of lyso–platelet activating factor: acetyl–CoA acetyltransferase from rat splenic microsomes. The role of cyclic AMP–dependent protein kinase. Gómez–Cambronero J, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):516–9

Multiple phosphorylation of rat–liver glycogen synthase by protein kinases. Imazu M, et al. **Biochim Biophys Acta** 1984 Sep 25;789(3):285–93

Phosphorylation of lens membranes with a cyclic AMP–dependent protein kinase purified from the bovine lens. Johnson KR, et al. **Biochim Biophys Acta** 1985 Mar 21;844(3):367–76

Regulation of Ca2+ transport by cyclic 3',5'–AMP–dependent and calcium–calmodulin–dependent phosphorylation of cardiac sarcoplasmic reticulum. Kranias EG. **Biochim Biophys Acta** 1985 Feb 21;844(2):193–9

The characterization and regulation of a polyamine–responsive, cyclic nucleotide–independent protein kinase activity in the mouse mammary gland. Leiderman LJ, et al. **Biochim Biophys Acta** 1985 Feb 21; 844(2):95–104

Properties of a tyrosine protein kinase from calf thymus. Response to ionic strength and divalent cations. Mason DL, et al. **Biochim Biophys Acta** 1985 Jun 10;829(2):221–8

Casein kinases and their protein substrates in rat liver cytosol: evidence for their participation in multimolecular systems. Meggio F, et al. **Biochim Biophys Acta** 1985 Aug 30; 846(2):248–56

Some properties of the nucleotide–binding site of troponin T kinase–casein kinase type II from skeletal muscle. Risnik VV, et al. **Biochim Biophys Acta** 1984 Oct 23;790(2):108–16

Specific substrate for histone kinase II: a synthetic nonapeptide. Romhányi T, et al. **Biochim Biophys Acta** 1985 Feb 4;827(2):144–9

Differentiation–associated increase of cAMP–dependent type II protein kinase in a murine preadipose cell line (ST 13). Sato M, et al. **Biochim Biophys Acta** 1985 Mar 21; 844(3):296–305

A calmodulin–dependent protein kinase in Rous sarcoma virus–transformed rat cells and normal liver. Sorge LK, et al. **Biochim Biophys Acta** 1985 Feb 21;844(2):174–81

A minor species of a type I casein kinase from yeast phosphorylating threonine residues of protein substrate. Szyszka R, et al. **Biochim Biophys Acta** 1985 Jan 28; 838(1):171–4

A study of rat epididymal sperm adenosine 3',5'–monophosphate–dependent protein kinases: maturation differences and cellular location. Atherton RW, et al. **Biol Reprod** 1985 Feb;32(1):155–71

Effects of an endogenous cyclic AMP–dependent protein kinase catalytic subunit on Ca–uptake by plasma membrane vesicles from rat mesenteric artery. Kattenburg DM, et al. **Blood Vessels** 1984;21(6):257–66

Protein kinase C phosphorylates a 47 Mr protein (F1) directly related to synaptic plasticity. Akers RF, et al. **Brain Res** 1985 May 13;334(1):147–51

Phosphorylation of the postsynaptic density glycoprotein gp180 by endogenous tyrosine kinase. Gurd JW. **Brain Res** 1985 May 6;333(2):385–8

Changes in the subcellular distribution of calmodulin–kinase II during brain development. Kelly PT, et al. **Brain Res** 1985 Feb;350(1–2):211–24

Renal brush border membranes from mice with X–linked hypophosphatemia: protein composition, phosphate binding capacity, and protein kinase activity. Brunette MG, et al. **Can J Physiol Pharmacol** 1984 Nov;62(11):1394–400

Histone kinase activities in normal and transformed mouse cells. Sykes DE, et al. **Cancer Biochem Biophys** 1985 Feb; 7(4):317–23

Translocation of phospholipid–sensitive Ca2+–dependent protein kinase and its substrate, Mr 38,000 protein, in chronic myelocytic and acute myelocytic leukemias. Sakurada K, et al. **Cancer Res** 1985 Feb;45(2):903–8

The phosphoform of the regulatory subunit RII of cyclic AMP–dependent protein kinase possesses intrinsic topoisomerase activity. Constantinou AI, et al. **Cell** 1985 Sep;42(2):429–37

Protein phosphorylation at tyrosine is induced by the v–erbB gene product in vivo and in vitro. Gilmore T, et al. **Cell** 1985 Mar;40(3):609–18

Antibodies against a synthetic peptide as a probe for the kinase activity of the avian EGF receptor and v–erbB protein. Kris RM, et al. **Cell** 1985 Mar;40(3):619–25

Substrates of the epidermal growth factor receptor–kinase. Zendegui JG, et al. **Cell Biol Int Rep** 1984 Aug;8(8):619–33 (75 ref.)

Protein substrate specificity of a calmodulin–dependent protein kinase isolated from bovine heart. Kloepper RF, et al. **Cell Calcium** 1984 Aug;5(4):351–64

Phosphorylation of the alpha subunit of the sodium channel by protein kinase C. Costa MR, et al. **Cell Mol Neurobiol** 1984 Sep;4(3):291–7

Identification of two of the major phosphorylated polypeptides of the bovine lens utilizing a lens cAMP–dependent protein kinase system. Sredy J, et al. **Curr Eye Res** 1984 Dec;3(12):1423–31

Does the large T protein of polyoma virus regulate the expression of the cellular myc gene? Glaichenhaus N, et al. **Curr Top Microbiol Immunol** 1984;113:20–5

Calmodulin level and cAMP–dependent protein kinase activity in rat spermatogenic cells and hormonal control of spermatogenesis. Feinberg J, et al. **Dev Biol** 1985 Mar; 108(1):179–84

An increase of cAMP–dependent protein kinase during development in Polysphondylium pallidum. Francis D, et al. **Dev Biol** 1984 Dec;106(2):478–84

Clonal variants of differentiated P19 embryonal carcinoma cells exhibit epidermal growth factor receptor kinase activity. Mummery CL, et al. **Dev Biol** 1985 Jun; 109(2):402–10

Serum, like phorbol esters, rapidly activates protein kinase C in intact quiescent fibroblasts. Rodriguez–Pena A, et al. **EMBO J** 1985 Jan;4(1):71–6

Phospholipid–sensitive Ca2+–dependent protein kinase system in testis: localization and endogenous substrates. Kimura K, et al. **Endocrinology** 1984 Dec;115(6):2391–9

Direct effects of adrenocorticotropic hormone on bovine adrenomedullary cells: adenosine 3',5'–monophosphate–dependent phosphorylation of tyrosine hydroxylase. Michener ML, et al. **Endocrinology** 1985 Aug;117(2):730–7

Adenosine 3',5'–monophosphate (cAMP)–dependent protein kinase activity in rodent pituitary tissue: possible role in cAMP–dependent hormone secretion. Miyazaki K, et al. **Endocrinology** 1984 Nov;115(5):1933–45

Intracellular kinetics of free catalytic units dissociated from adenosine 3',5'–monophosphate–dependent protein kinase in adrenocortical tumor cells (Y–1). Murray SA, et al. **Endocrinology** 1985 Jan;116(1):364–74

Regulation of the content and phosphorylation of RII by adenosine 3',5'–monophosphate, follicle–stimulating hormone, and estradiol in cultured granulosa cells. Ratoosh SL, et al. **Endocrinology** 1985 Sep;117(3):917–27

Protein kinase activity in the rat mammary gland during pregnancy, lactation, and weaning: a correlation with growth but not with progesterone receptor levels. Sharoni Y, et al. **Endocrinology** 1984 Nov;115(5):1918–24

Cyclic changes in rat uterine proliferation during the estrous cycle are preceded by changes in protein kinase activity. Sharoni Y, et al. **Endocrinology** 1984 Dec;115(6):2297–302

Some aspects of the phosphorylation of phenylalanine 4–monooxygenase by a calcium–dependent and calmodulin–dependent protein kinase. Døskeland AP, et al. **Eur J Biochem** 1984 Nov 15;145(1):31–7

Diastereomers of adenosine 3',5'–monothionophosphate (cAMP[S]) antagonize the activation of cGMP–dependent protein kinase. Hofmann F, et al. **Eur J Biochem** 1985 Jul 1;150(1):85–8

cGMP–dependent protein kinase. Autophosphorylation changes the characteristies of binding site 1. Hofmann F, et al. **Eur J Biochem** 1985 Mar 1;147(2):361–5

Protein kinase C phosphorylates the inhibitory guanine–nucleotide–binding regulatory component and apparently suppresses its function in hormonal inhibition of adenylate cyclase. Katada T, et al. **Eur J Biochem** 1985 Sep 2;151(2):431–7

Multisite phosphorylation of glycogen synthase from rabbit skeletal muscle. Identification of the sites phosphorylated by casein kinase–1. Kuret J, et al. **Eur J Biochem** 1985 Aug 15;151(1):39–48

Stimulation of protein kinase C and insulin release by 1–oleoyl–2–acetyl–glycerol. Malaisse WJ, et al. **Eur J Biochem** 1985 May 15;149(1):23–7

Subunit structure and autophosphorylation mechanism of casein kinase–TS (type–2) from rat liver cytosol. Meggio F, et al. **Eur J Biochem** 1984 Dec 17;145(3):593–9

Activation of protein kinase isozymes by cyclic nucleotide analogs used singly or in combination. Principles for optimizing the isozyme specificity of analog combinations. Ogreid D, et al. **Eur J Biochem** 1985 Jul 1;150(1):219–27

Phosphorylation of the ribosomal protein S6 during agonist–induced exocytosis in exocrine glands is catalyzed by calcium–phospholipid–dependent protein kinase (protein kinase C). Experiments with guinea pig parotid glands. Padel U, et al. **Eur J Biochem** 1985 Aug 15;151(1):1–10

The phosphorylation of eukaryotic ribosomal protein S6 by protein kinase C. Parker PJ, et al. **Eur J Biochem** 1985 May 2;148(3):579–86

Mechanism of activation of bovine kidney pyruvate dehydrogenase a kinase by malonyl–CoA and enzyme–catalyzed decarboxylation of malonyl–CoA. Rahmatullah M, et al. **Eur J Biochem** 1985 Jul 1; 150(1):181–7

Rapid effects of phorbol esters on isolated rat adipocytes. Relationship to the action of protein kinase C. Skoglund G, et al. **Eur J Biochem** 1985 May 2;148(3):407–12

Use of tyrosine–containing polymers to characterize the substrate specificity of insulin and other hormone–stimulated tyrosine kinases. Zick Y, et al. **Eur J Biochem** 1985 Apr 1;148(1):177–82

Activities of cAMP–dependent protein kinase and enzymes of 2',5'–oligoadenylate metabolism in NIH 3T3 cells deepening into the resting state. Itkes AV, et al. **Exp Cell Res** 1985 Apr;157(2):335–42

Phytohemagglutinin–induced changes in tyrosine protein kinase and its endogenous substrates in human lymphocytes. Piga A, et al. **Exp Cell Res** 1985 Jul; 159(1):103–12

Structure and function of a calmodulin–dependent smooth muscle myosin light chain kinase. Bailin G. **Experientia** 1984 Nov 15;40(11):1185–8 (38 ref.)

Protein phosphorylation in the pancreatic B–cell. Harrison DE, et al. **Experientia** 1984 Oct 15;40(10):1075–84 (61 ref.)

Modulation of protein kinases and phosphoprotein phosphatases by a small acidic protein from bovine brains. Kuo WN, et al. **Experientia** 1985 May 15;41(5):622–3

Novel heparin–activated protein kinase activity in rabbit skeletal muscle. Ahmad Z, et al. **FEBS Lett** 1985 Jan 1; 179(1):96–100

Effect of the phorbol ester TPA on PTH secretion. Evidence for a role for protein kinase C in the control of PTH release. Brown EM, et al. **FEBS Lett** 1984 Sep 17;175(1):72–5

Influence of smooth muscle myosin conformation on myosin light chain kinase binding and on phosphorylation. Cross RA, et al. **FEBS Lett** 1985 Sep 2;188(2):367–74

Cyclic AMP independence of Escherichia coli protein phosphorylation. Dadssi M, et al. **FEBS Lett** 1985 Jul 8; 186(2):187–90

Calcium–activated, phospholipid–dependent protein kinase activity and protein phosphorylation in HL60 cells induced to differentiate by retinoic acid. Durham JP, et al. **FEBS Lett** 1985 Jun 3;185(1):157–61

Epidermal growth factor stimulated protein kinase shows similar activity in liver of senescent and adult mice. Finocchiaro L, et al. **FEBS Lett** 1985 Jul 22;187(1):96–100

Phosphorylation of ribosomal protein S6 and a peptide analogue of S6 by a protease–activated kinase isolated from rat liver. Gabrielli B, et al. **FEBS Lett** 1984 Oct 1; 175(2):219–26

Activation of protein kinase C in neutrophil cytoplasts. Localization of protein substrates and possible relationship with stimulus–response coupling. Gennaro R, et al. **FEBS Lett** 1985 Jan 28;180(2):185–90

Protein kinase activity of the insulin receptor from muscle. Häring HU, et al. **FEBS Lett** 1984 Oct 15;176(1):229–34

An activator of protein kinase C (phorbol–12–myristate–13–acetate) augments 2–chloroadenosine–elicited accumulation of cyclic AMP in guinea pig cerebral cortical particulate preparations. Hollingsworth EB, et al. **FEBS Lett** 1985 May 20; 184(2):339–42

Inhibition of 2'–phosphodiesterase by cAMP–dependent protein kinase. Involvement of phosphorylation of protein inhibitor. Itkes AV, et al. **FEBS Lett** 1984 Oct 15; 176(1):65–8

The roles of intrinsic kinase and of kinase/activator protein in the enhanced phosphorylation of pyruvate dehydrogenase complex in starvation. Kerbey AL, et al. **FEBS Lett** 1984 Oct 15;176(1):115–9

A chick embryo fibroblast protein kinase recognizing ribosomal protein S6. Activity increase after serum stimulation. Lawen A, et al. **FEBS Lett** 1985 Jun 17; 185(2):272–6

Evidence that the insulin receptor–associated protein kinase acts as a phosphatidylinositol kinase. Machicao E, et al. **FEBS Lett** 1984 Sep 17;175(1):113–6

The site of cyclic AMP–dependent protein kinase catalyzed phosphorylation of cytochrome P–450 LM2. Müller R, et al. **FEBS Lett** 1985 Jul 22;187(1):21–4

Insulin receptor kinase in human skeletal muscle. Obermaier B, et al. **FEBS Lett** 1985 Jul 1;186(1):85–8

Protease–activated kinase II as the mediator of epidermal growth factor–stimulated phosphorylation of ribosomal protein S6. Perisic O, et al. **FEBS Lett** 1985 Apr 22; 183(2):215–8

Enhanced casein kinase II activity in human tumour cell cultures. Prowald K, et al. **FEBS Lett** 1984 Oct 29; 176(2):479–83

Membranal tyrosine protein kinase activity (but not cAMP–dependent protein kinase activity) is associated with growth of rat mammary tumors. Sharoni Y, et al. **FEBS Lett** 1985 Sep 9;189(1):133–6

Modelling the ATP–binding site of oncogene products, the epidermal growth factor receptor and related proteins. Sternberg MJ, et al. **FEBS Lett** 1984 Oct 1;175(2):387–92

Phosphorylation of hormone–sensitive lipase by cyclic GMP–dependent protein kinase. Strålfors P, et al. **FEBS Lett** 1985 Jan 28;180(2):280–4

Activation of a cellular tyrosine–specific protein kinase by phosphorylation. Swarup G, et al. **FEBS Lett** 1985 Aug 19;188(1):131–4

Characterization of the sites phosphorylated on tyrosine hydroxylase by Ca2+ and phospholipid–dependent protein kinase, calmodulin–dependent multiprotein kinase and cyclic AMP–dependent protein kinase. Vulliet PR, et al. **FEBS Lett** 1985 Mar 25;182(2):335–9

Characterization of Leydig cell protein kinase. Further studies in hormone action. Winters CA, et al. **FEBS Lett** 1984 Dec 3;178(1):73–8

Role of calmodulin in neurotransmitter synthesis. Fujisawa H, et al. **Fed Proc** 1984 Dec;43(15):3011–4

Regulin, a cytoskeleton–associated protein affecting phosphorylation–dephosphorylation. Kramer G, et al. **Hamatol Bluttransfus** 1985;29:302–5

Effect of pregnancy upon the activity of protein kinases A and C in rat pancreatic islets. Hubinont CJ, et al. **Horm Metab Res** 1985 Feb;17(2):104

Role of protein kinase and contractile force in the regulation of myocardial lipolysis. Rabin RA, et al. **Horm Metab Res** 1984 Sep;16(9):465–7

A comparative analysis of cAMP–dependent protein kinase regulatory subunits in sea urchin and rat spermatozoa. Khatoon S, et al. **J Androl** 1985 Jul–Aug;6(4):251–60

Properties of ATP–dependent protein kinase from Streptococcus pyogenes that phosphorylates a seryl residue in HPr, a phosphocarrier protein of the phosphotransferase system. Reizer J, et al. **J Bacteriol** 1984 Oct;160(1):333–40

Effects of heparin and polyamines on the phosphorylation of high mobility group proteins by cyclic nucleotide–independent phosvitin kinase from pig testis. Katoh N, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):859–66

Specific phosphorylation of pig liver initiation factor eIF–2 by the N–ethylmaleimide–treated hemin–controlled translational inhibitor. Suzuki H, et al. **J Biochem (Tokyo)** 1985 Apr;97(4):1061–6

Correlation between multiple phosphorylation of gizzard myosin light chains and actin–activated myosin ATPase activity. Tanaka T, et al. **J Biochem (Tokyo)** 1985 Jun; 97(6):1823–6

Bioactive gangliosides. IV. Ganglioside GQ1b/Ca2+ dependent protein kinase activity exists in the plasma membrane fraction of neuroblastoma cell line, GOTO. Tsuji S, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):969–72

Phosphorylation of hepatic 3–hydroxy–3–methylglutaryl coenzyme A reductase and modulation of its enzymic activity by calcium–activated and phospholipid–dependent protein kinase. Beg ZH, et al. **J Biol Chem** 1985 Feb 10; 260(3):1682–7

Enhancement of adenylate cyclase activity in S49 lymphoma cells by phorbol esters. Putative effect of C kinase on alpha s–GTP–catalytic subunit interaction. Bell JD, et al. **J Biol Chem** 1985 Mar 10;260(5):2625–8

Phosphorylation of the mammalian beta–adrenergic receptor by cyclic AMP–dependent protein kinase. Regulation of the rate of receptor phosphorylation and dephosphorylation by agonist occupancy and effects on coupling of the receptor to the stimulatory guanine nucleotide regulatory protein. Benovic JL, et al. **J Biol Chem** 1985 Jun 10;260(11):7094–101

Mechanism of interferon action. Purification and substrate specificities of the double–stranded RNA–dependent protein kinase from untreated and interferon–treated mouse fibroblasts. Berry MJ, et al. **J Biol Chem** 1985 Sep 15; 260(20):11240–7

In vitro association and phosphorylation of polyoma virus middle T antigen by cellular tyrosyl kinase activity. Bolen JB, et al. **J Biol Chem** 1984 Oct 10;259(19):11686–94

The nature of protein kinase C activation by physically defined phospholipid vesicles and diacylglycerols. Boni LT, et al. **J Biol Chem** 1985 Sep 5;260(19):10819–25

Parietal cell protein kinases. Selective activation of type I cAMP–dependent protein kinase by histamine. Chew CS. **J Biol Chem** 1985 Jun 25;260(12):7540–50

The nucleotide binding site detected by affinity labeling in the large T proteins of polyoma and SV40 viruses is distinct from their ATPase catalytic site. Clertant P, et al. **J Biol Chem** 1984 Dec 25;259(24):15196–203

cAMP–dependent protein kinase activation lowers hepatocyte cAMP. Corbin JD, et al. **J Biol Chem** 1985 Jul 25;260(15):8731–5

Hormonal regulation of cyclic AMP–dependent protein kinase in cultured ovarian granulosa cells. Effects of follicle–stimulating hormone and gonadotropin–releasing hormone. Darbon JM, et al. **J Biol Chem** 1984 Dec 10; 259(23):14778–82

Synergistic phosphorylation and activation of ATP–Mg–dependent phosphoprotein phosphatase by F A/GSK–3 and casein kinase II (PC0.7). DePaoli–Roach AA. **J Biol Chem** 1984 Oct 10;259(19):12144–52

Thyrotropin–releasing hormone rapidly activates protein phosphorylation in GH3 pituitary cells by a lipid–linked, protein kinase C–mediated pathway. Drust DS, et al. **J Biol Chem** 1984 Dec 10;259(23):14520–30

Characterization of the calmodulin–binding and catalytic domains in skeletal muscle myosin light chain kinase. Edelman AM, et al. **J Biol Chem** 1985 Sep 15; 260(20):11275–85

The separate estimation of cAMP intracellularly bound to the regulatory subunits of protein kinase I and II in glucagon–stimulated rat hepatocytes. Ekanger R, et al. **J Biol Chem** 1985 Mar 25;260(6):3393–401

Manganese–phospholipid–stimulated protein kinase activity of human leukemic cells. Elias L, et al. **J Biol Chem** 1985 Jun 10;260(11):7023–8

Thyrotropin–releasing hormone induces redistribution of protein kinase C in GH4C1 rat pituitary cells. Fearon CW, et al. **J Biol Chem** 1985 Jul 15;260(14):8366–71

Drosophila cAMP–dependent protein kinase. Foster JL, et al. **J Biol Chem** 1984 Nov 10;259(21):13049–55

Functional domains of chicken gizzard myosin light chain kinase. Foyt HL, et al. **J Biol Chem** 1985 Jun 25; 260(12):7765–74

Calcium–dependent conformational changes in the 36–kDa subunit of intestinal protein I related to the cellular 36–kDa target of Rous sarcoma virus tyrosine kinase. Gerke V, et al. **J Biol Chem** 1985 Feb 10;260(3):1688–95

HLA–A2 antigen phosphorylation in vitro by cyclic AMP–dependent protein kinase. Sites of phosphorylation and segmentation in class i major histocompatibility complex gene structure. Guild BC, et al. **J Biol Chem** 1984 Nov 10;259(21):13504–10

Interferon–gamma modulates protein kinase C activity in murine peritoneal macrophages. Hamilton TA, et al. **J Biol Chem** 1985 Feb 10;260(3):1378–81

Activation of protein kinase C by Triton X–100 mixed micelles containing diacylglycerol and phosphatidylserine.

Hannun YA, et al. **J Biol Chem** 1985 Aug 25; 260(18):10039–43

Phosphorylation of purified cardiac muscle C-protein by purified cAMP-dependent and endogenous Ca2+-calmodulin-dependent protein kinases. Hartzell HC, et al. **J Biol Chem** 1984 Dec 25;259(24):15587–96

Hormone-induced redistribution of calcium-activated phospholipid-dependent protein kinase in pituitary gonadotrophs. Hirota K, et al. **J Biol Chem** 1985 Mar 25; 260(6):3243–6

Phosphorylation of smooth muscle myosin light chain kinase by Ca2+-activated, phospholipid-dependent protein kinase. Ikebe M, et al. **J Biol Chem** 1985 Apr 25; 260(8):4547–50

Phosphorylation of smooth muscle myosin at two distinct sites by myosin light chain kinase. Ikebe M, et al. **J Biol Chem** 1985 Aug 25;260(18):10027–31

Phosphorylation of tubulin and microtubule-associated proteins by the purified insulin receptor kinase. Kadowaki T, et al. **J Biol Chem** 1985 Apr 10;260(7):4016–20

Decreased autophosphorylation of the insulin receptor-kinase in streptozotocin-diabetic rats. Kadowaki T, et al. **J Biol Chem** 1984 Nov 25;259(22):14208–16

Spatial requirements for location of basic residues in peptide substrates for smooth muscle myosin light chain kinase. Kemp BE, et al. **J Biol Chem** 1985 Mar 25;260(6):3355–9

Regulation of calcium transport by protein phosphatase activity associated with cardiac sarcoplasmic reticulum. Kranias EG. **J Biol Chem** 1985 Sep 15;260(20):11006–10

Dissociation of protein kinase C activation from phorbol ester-induced maturation of HL-60 leukemia cells. Kreutter D, et al. **J Biol Chem** 1985 May 25; 260(10):5979–84

Mechanism of autophosphorylation of the multifunctional Ca2+/calmodulin-dependent protein kinase. Kuret J, et al. **J Biol Chem** 1985 May 25;260(10):6427–33

Exogenous sn-1,2-diacylglycerols containing saturated fatty acids function as bioregulators of protein kinase C in human platelets. Lapetina EG, et al. **J Biol Chem** 1985 Feb 10; 260(3):1358–61

On the mechanism of regulation of type I phosphoprotein phosphatase from bovine heart. Regulation by a novel intracyclic activation-deactivation mechanism via transient phosphorylation of the regulatory subunit by phosphatase-1 kinase (FA). Li HC, et al. **J Biol Chem** 1985 May 25;260(10):6416–26

Phosphorylation of phospholamban in intact myocardium. Role of Ca2+-calmodulin-dependent mechanisms. Lindemann JP, et al. **J Biol Chem** 1985 Apr 10; 260(7):4516–25

Ca2+/calmodulin-dependent protein kinase II. Isozymic forms from rat forebrain and cerebellum. McGuinness TL, et al. **J Biol Chem** 1985 Feb 10;260(3):1696–704

Mechanism of phorbol diester-induced regulation of surface transferrin receptor involves the action of activated protein kinase C and an intact cytoskeleton. May WS, et al. **J Biol Chem** 1985 Aug 5;260(16):9419–26

Synthetic peptides including acidic clusters as substrates and inhibitors of rat liver casein kinase TS (type-2). Meggio F, et al. **J Biol Chem** 1984 Dec 10;259(23):14576–9

The Ca2+-pumping ATPase in skeletal muscle sarcolemma. Calmodulin dependence, regulation by cAMP-dependent phosphorylation, and purification. Michalak M, et al. **J Biol Chem** 1984 Dec 25;259(24):15540–7

The sites at which brain microtubule-associated protein 2 is phosphorylated in vivo differ from those accessible to cAMP-dependent kinase in vitro. Murthy AS, et al. **J Biol Chem** 1985 Apr 10;260(7):4364–70

Desensitization of the turkey erythrocyte beta-adrenergic receptor in a cell-free system. Evidence that multiple protein kinases can phosphorylate and desensitize the receptor. Nambi P, et al. **J Biol Chem** 1985 Feb 25; 260(4):2165–71

Phosphorylation of the Ca2+-pumping ATPase of heart sarcolemma and erythrocyte plasma membrane by the cAMP-dependent protein kinase. Neyses L, et al. **J Biol Chem** 1985 Aug 25;260(18):10283–7

Phosphorylation of smooth muscle myosin light chain kinase by protein kinase C. Comparative study of the phosphorylated sites. Nishikawa M, et al. **J Biol Chem** 1985 Jul 25;260(15):8978–83

Epidermal growth factor-mediated activation of an S6 kinase in Swiss mouse 3T3 cells. Novak-Hofer I, et al. **J Biol Chem** 1985 Aug 25;260(18):10314–9

Characterization of chicken skeletal muscle myosin light chain kinase. Evidence for muscle-specific isozymes. Nunnally MH, et al. **J Biol Chem** 1985 Jan 25;260(2):1020–6

A new mechanism for regulation of tyrosine 3-monooxygenase by end product and cyclic AMP-dependent protein kinase. Okuno S, et al. **J Biol Chem** 1985 Mar 10;260(5):2633–5

Inhibition of the activation and catalytic activity of insulin receptor kinase by zinc and other divalent metal ions. Pang DT, et al. **J Biol Chem** 1985 Apr 25;260(8):5126–30

Subunit phosphorylation and activation of skeletal muscle phosphorylase kinase by the cAMP-dependent protein kinase. Divalent metal ion, ATP, and protein concentration dependence. Pickett-Gies CA, et al. **J Biol Chem** 1985 Feb 25;260(4):2046–56

Reduced levels of cardiac cAMP-dependent protein kinase in spontaneously hypertensive rat. Prashad N. **J Biol Chem** 1985 Aug 25;260(18):10125–31

Modification of bovine kidney pyruvate dehydrogenase kinase activity by CoA esters and their mechanism of action. Rahmatullah M, et al. **J Biol Chem** 1985 Aug 25; 260(18):10146–52

Phosphorylation of high-mobility-group proteins by the calcium-phospholipid-dependent protein kinase and the cyclic AMP-dependent protein kinase. Ramachandran C, et al. **J Biol Chem** 1984 Nov 10;259(21):13495–503

The regulatory subunit monomer of cAMP-dependent protein kinase retains the salient kinetic properties of the native dimeric subunit. Rannels SR, et al. **J Biol Chem** 1985 Mar 25;260(6):3423–30

An endogenous substrate for the insulin receptor-associated tyrosine kinase. Rees-Jones RW, et al. **J Biol Chem** 1985 Apr 10;260(7):4461–7

Purification and characterization of rat striatal tyrosine hydroxylase. Comparison of the activation by cyclic AMP-dependent phosphorylation and by other effectors. Richtand NM, et al. **J Biol Chem** 1985 Jul 15; 260(14):8465–73

Regulation of protein kinase and its regulatory subunits during skeletal myogenesis. Rogers JE, et al. **J Biol Chem** 1985 Jul 5;260(13):8002–7

Effects of the specific cAMP antagonist, (Rp)-adenosine cyclic 3',5'-phosphorothioate, on the cAMP-dependent protein kinase-induced activity of hepatic glycogen phosphorylase and glycogen synthase. Rothermel JD, et al. **J Biol Chem** 1984 Dec 25;259(24):15294–300

Identification of residues in the nucleotide binding site of the epidermal growth factor receptor/kinase. Russo MW, et al. **J Biol Chem** 1985 May 10;260(9):5205–8

Cytoskeletal calmodulin-dependent protein kinase. Characterization, solubilization, and purification from rat brain. Sahyoun N, et al. **J Biol Chem** 1985 Jan 25; 260(2):1230–7

Characterization of insulin-like growth factor I-stimulated tyrosine kinase activity associated with the beta-subunit of type I insulin-like growth factor receptors of rat liver cells. Sasaki N, et al. **J Biol Chem** 1985 Aug 15; 260(17):9793–804

Phosphorylation of type II regulatory subunit of cAMP-dependent protein kinase in intact smooth muscle. Scott CW, et al. **J Biol Chem** 1985 Feb 25;260(4):2274–80

Regulation through phosphorylation/dephosphorylation cascade systems. Shacter E, et al. **J Biol Chem** 1984 Oct 10;259(19):12252–9

Energy consumption in a cyclic phosphorylation/dephosphorylation cascade. Shacter E, et al. **J Biol Chem** 1984 Oct 10;259(19):12260–4

Phosphorylation of sites 3 and 4 in rabbit skeletal muscle glycogen synthase by cAMP-dependent protein kinase. Sheorain VS, et al. **J Biol Chem** 1985 Feb 10;260(3):1567–72

Comparison of the phosphorylation of rabbit skeletal muscle phosphorylase kinase by cAMP-dependent protein kinase and cAMP-independent glycogen synthase (casein) kinase-1. Singh TJ, et al. **J Biol Chem** 1984 Oct 25; 259(20):12857–64

Purification and characterization of a nuclear protein kinase from rat liver and a hepatoma that is capable of activating poly(A) polymerase. Stetler DA, et al. **J Biol Chem** 1984 Dec 10;259(23):14481–5

Phosphorylation of a chromaffin granule-binding protein by protein kinase C. Summers TA, et al. **J Biol Chem** 1985 Feb 25;260(4):2437–43

Conformational studies of myosin phosphorylated by protein kinase C. Umekawa H, et al. **J Biol Chem** 1985 Aug 15; 260(17):9833–7

Kinase FA-mediated regulation of rabbit skeletal muscle protein phosphatase. Reversible phosphorylation of the modulator subunit. Vandenheede JR, et al. **J Biol Chem** 1985 Sep 5;260(19):10512–6

Phosphorylation of tyrosine hydroxylase by calmodulin-dependent multiprotein kinase. Vulliet PR, et al. **J Biol Chem** 1984 Nov 25;259(22):13680–3

Phosphorylation of high mobility group protein 14 by casein kinase II. Walton GM, et al. **J Biol Chem** 1985 Apr 25; 260(8):4745–50

Inositol 1,4,5-trisphosphate stimulates phosphorylation of a 62,000-dalton protein in monkey fibroblast and bovine brain cell lysates. Whitman MR, et al. **J Biol Chem** 1984 Nov 25;259(22):13652–5

src kinase catalyzes the phosphorylation and activation of the insulin receptor kinase. Yu KT, et al. **J Biol Chem** 1985 May 10;260(9):5838–46

Protein kinase C catalyzes phosphorylation of guanylate cyclase in vitro. Zwiller J, et al. **J Biol Chem** 1985 Feb 10;260(3):1350–3

Stimulation of pp60c-src tyrosyl kinase activity in polyoma virus-infected mouse cells is closely associated with polyoma middle tumor antigen synthesis. Bolen JB, et al. **J Cell Biochem** 1985;27(2):157–67

Enzymatic characteristics of pp60v-src isolated from vanadium-treated transformed cells. Collett MS, et al. **J Cell Biochem** 1984;26(2):95–106

Activators of protein kinase C and 5-azacytidine induce IL-2 receptor expression on human T lymphocytes. Depper JM, et al. **J Cell Biochem** 1985;27(3):267–76

Liver tyrosine kinase activation during early stages of chemical hepatocarcinogenesis. Olson JW. **J Cell Biochem** 1985;27(2):175–80

Agents that activate protein kinase C reduce acetylcholine sensitivity in cultured myotubes. Eusebi F, et al. **J Cell Biol** 1985 Apr;100(4):1339–42

Localization of nuclear subunits of cyclic AMP-dependent protein kinase by the immunocolloidal gold method. Kuettel MR, et al. **J Cell Biol** 1985 Sep;101(3):965–75

Phosphorylation-dependent subcellular translocation of a Ca2+/calmodulin-dependent protein kinase produces an autonomous enzyme in Aplysia neurons. Saitoh T, et al. **J Cell Biol** 1985 Mar;100(3):835–42

Recovery of cyclic nucleotide regulation in protein-kinase-defective adrenal cells through somatic cell fusion. Schimmer BP, et al. **J Cell Physiol** 1984 Dec; 121(3):483–9

Limb development in chick embryos: cyclic AMP-dependent protein kinase activity, cyclic AMP, and prostaglandin concentrations during cytodifferentiation and morphogenesis. Smales WP, et al. **J Cell Physiol** 1985 Feb; 122(2):259–65

Endothelium-dependent and nitrovasodilator-induced activation of cyclic GMP-dependent protein kinase in rat aorta. Fiscus RR, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1983–84; 9(6):415–25

Characterization and analysis of an apparent autophosphorylation of chicken gizzard myosin light chain kinase. Foyt HL, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(2):143–55

Comparison of cyclic AMP-dependent protein kinases from salivary glands of four species. Dowd F, et al. **J Dent Res** 1985 Oct;64(10):1199–1203

Alterations in hepatic protein kinase activity induced by triiodothyronine. DeGroot LJ, et al. **J Endocrinol Invest** 1984 Oct;7(5):429–39

Phosphorylation of recombinant interferon-gamma by kinases released from various cells. Robert-Galliot B, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1439–48

In vitro phosphorylation of NS protein by the L protein of vesicular stomatitis virus. Sánchez A, et al. **J Gen Virol** 1985 May;66 (Pt 5):1025–36

Cyclic AMP-dependent protein kinase in Molt 4b lymphoblasts: identification by photoaffinity labeling and activation in intact cells by vasoactive intestinal polypeptide (VIP) and peptide histidine isoleucine (PHI). O'Dorisio MS, et al. **J Immunol** 1985 Jun;134(6):4078–86

Phorbol myristate acetate mediates redistribution of protein kinase C in human neutrophils: potential role in the activation of the respiratory burst enzyme. Wolfson M, et al. **J Immunol** 1985 Sep;135(3):2057–62

Calcium-activated, phospholipid-dependent protein kinase in pig epidermis. Koizumi H, et al. **J Invest Dermatol** 1984 Oct;83(4):261–4

Ornithine decarboxylase activity is inhibited by epidermal polyamine-dependent protein kinase-mediated phosphorylation. Nemoto O, et al. **J Invest Dermatol** 1984 Oct;83(4):257–60

Unchanged myosin kinase activity in hypertrophied rat heart. Delcayre C, et al. **J Mol Cell Cardiol** 1984 Nov; 16(11):1059–70

Is Ca2+-calmodulin-dependent protein phosphorylation in rat brain modulated by carboxylmethylation? Billingsley ML, et al. **J Neurochem** 1985 May;44(5):1442–50

Phosphorylation of microtubule-associated protein 2 at distinct sites by calmodulin-dependent and cyclic-AMP-dependent kinases. Goldenring JR, et al. **J Neurochem** 1985 Sep;45(3):900–5

Tubulin-associated calmodulin-dependent kinase: evidence for an endogenous complex of tubulin with a calcium-calmodulin-dependent kinase. Goldenring JR, et al. **J Neurochem** 1984 Dec;43(6):1669–79

Calcium/ganglioside-dependent protein kinase activity in rat brain membrane. Goldenring JR, et al. **J Neurochem** 1985 Apr;44(4):1229–34

Phosphorylation of the postsynaptic density glycoprotein gp180 by Ca2+/calmodulin-dependent protein kinase. Gurd JW. **J Neurochem** 1985 Oct;45(4):1128–35

Distribution of Nsp100 and Nsp100 kinase, a nerve growth factor-sensitive phosphorylation system, in rat tissues. Hama T, et al. **J Neurochem** 1985 Oct;45(4):1279–87

Identification of endogenous calmodulin-dependent kinase and calmodulin-binding proteins in cold-stable microtubule preparations from rat brain. Larson RE, et al. **J Neurochem** 1985 May;44(5):1566–74

Autophosphorylation of calmodulin-kinase II in synaptic junctions modulates endogenous kinase activity. Shields SM, et al. **J Neurochem** 1984 Dec;43(6):1599–609

Phospholipid-sensitive Ca2+ -dependent protein kinase preferentially phosphorylates serine-115 of bovine myelin basic protein. Turner RS, et al. **J Neurochem** 1984 Nov; 43(5):1257–64

Ca2+ and phospholipid-dependent protein kinase activity and phosphorylation of endogenous proteins in bovine adrenal medulla. Wise BC, et al. **J Neurochem** 1985 Jul; 45(1):227–34

Ca2+, calmodulin-dependent regulation of microtubule formation via phosphorylation of microtubule-associated protein 2, tau factor, and tubulin, and comparison with the cyclic AMP-dependent phosphorylation. Yamamoto H, et al. **J Neurochem** 1985 Mar;44(3):759–68

Localization in mammalian brain of G-substrate, a specific substrate for guanosine 3',5'-cyclic monophosphate-dependent protein kinase. Detre JA, et al. **J Neurosci** 1984 Nov;4(11):2843–9

Calcium- and cyclic nucleotide-dependent protein kinases and their substrates in the Aplysia nervous system. Novak-Hofer I, et al. **J Neurosci** 1985 Jan;5(1):151-9

Role of cyclic AMP protein kinase in decreased arterial cyclic AMP responsiveness in hypertension. Silver PJ, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):595-601

Inhibitory effect of methacholine on drug-induced relaxation, cyclic AMP accumulation, and cyclic AMP-dependent protein kinase activation in canine tracheal smooth muscle. Torphy TJ, et al. **J Pharmacol Exp Ther** 1985 May; 233(2):409-17

Changes in calmodulin level and cAMP-dependent protein kinase activity during epididymal maturation of ram spermatozoa. Pariset CC, et al. **J Reprod Fertil** 1985 May; 74(1):105-12

Activation of microsomal cAMP-dependent protein kinase isoenzyme I by ACTH1-24 in bovine adrenal cells. Deviller P, et al. **J Steroid Biochem** 1985 Aug;23(2):133-6

Use of site-specific antipeptide antibodies to perturb the serine kinase catalytic activity of p37mos. Maxwell SA, et al. **J Virol** 1985 Sep;55(3):874-6

Cellular localization of c-fps gene product NCP98. Young JC, et al. **J Virol** 1984 Dec;52(3):913-8

Adenosine 3',5'-monophosphate dependent protein kinase of uterus in euthyroid and hypothyroid rats. Kikkawa F, et al. **Jpn J Pharmacol** 1984 Oct;36(2):161-7

Mechanism of action of gonadotropin-releasing hormone stimulated Leydig cell steroidogenesis. III. The role of arachidonic acid and calcium/phospholipid dependent protein kinase. Lin T. **Life Sci** 1985 Apr 1;36(13):1255-64

The adenylate cyclase-cyclic AMP-protein kinase system in different cell populations of the guinea pig gastric mucosa. Sewing KF, et al. **Life Sci** 1985 Sep 23; 37(12):1097-106

Interleukin 2 stimulation of protein kinase C membrane association: evidence for IL-2 receptor phosphorylation. Farrar WL, et al. **Lymphokine Res** 1985 Spring;4(2):87-93

Age-dependent changes of nuclear envelope protein phosphokinase and protein phosphatase activities. Significance for altered nucleo-cytoplasmic mRNA translocation during development. Schröder HC, et al. **Mech Ageing Dev** 1984 Sep;27(1):87-95

Adenosine 3':5'-monophosphate-mediate inhibition of activities of the superprecipitation and the actin-activated Mg2+-ATPase of bovine arterial myosin in the presence of arterial native tropomyosin. Nosaka S, et al. **Med J Osaka Univ** 1984 Sep;35(1-2):1-12

5'-p-Fluorosulfonylbenzoyl adenosine as a probe of ATP-binding sites in hormone receptor-associated kinases. Buhrow SA, et al. **Methods Enzymol** 1985;109:816-27

Detection and identification of substrates for protein kinases: use of proteins and synthetic peptides. Engström L, et al. **Methods Enzymol** 1984;107:130-54

Protein kinases. Roach PJ. **Methods Enzymol** 1984; 107:81-101

Assays for regulatory properties of polyamine-dependent protein kinase. Sekar V, et al. **Methods Enzymol** 1984; 107:154-63

Cyclic AMP-dependent and independent protein kinases in Ascaridia galli. Ossikovski E, et al. **Mol Biochem Parasitol** 1984 Jul;12(3):299-306

Multiforms of megamodulin-dependent protein kinases from baker's yeast. Kuo WN. **Mol Cell Biochem** 1984 Sep; 64(1):39-44

Low level of cellular protein phosphorylation by nontransforming overproduced p60c-src. Iba H, et al. **Mol Cell Biol** 1985 May;5(5):1058-66

Microinjection of pp60v-src into Xenopus oocytes increases phosphorylation of ribosomal protein S6 and accelerates the rate of progesterone-induced meiotic maturation. Spivack JG, et al. **Mol Cell Biol** 1984 Aug;4(8):1631-4

Isolation of a cDNA clone complementary to sequences for a 34-kilodalton protein which is a pp60v-src substrate. Tomasiewicz HG, et al. **Mol Cell Biol** 1984 Sep;4(9):1935-8

Characterization of the protein apparently responsible for the elevated tyrosine protein kinase activity in LSTRA cells. Voronova AF, et al. **Mol Cell Biol** 1984 Dec; 4(12):2705-13

Distribution and characterization of cAMP-dependent protein kinase isoenzymes in bovine adrenal cells. Deviller P, et al. **Mol Cell Endocrinol** 1984 Nov;38(1):21-30

Calcium mobilization potentiates prolactin release induced by protein kinase C activators. Koike K, et al. **Mol Cell Endocrinol** 1985 May;40(2-3):137-43

Protein kinase C activity in experimentally developed and regressed rat thyroid goitres. Omri B, et al. **Mol Cell Endocrinol** 1985 May;40(2-3):175-80

Phorbol ester-induced protein secretion in rat parotid gland. Relationship to the role of inositol lipid breakdown and protein kinase C activation in stimulus-secretion coupling. Putney JW Jr, et al. **Mol Pharmacol** 1984 Sep;26(2):261-6

42,000-molecular weight EGF receptor has protein kinase activity. Basu M, et al. **Nature** 1984 Oct 4-10; 311(5985):477-80

Neurones express high levels of a structurally modified, activated form of pp60c-src. Brugge JS, et al. **Nature** 1985 Aug 8-14;316(6028):554-7

Altered cytosol/membrane enzyme redistribution on interleukin-3 activation of protein kinase C. Farrar WL, et al. **Nature** 1985 May 16-22;315(6016):235-7

Interleukin-2 stimulates association of protein kinase C with plasma membrane. Farrar WL, et al. **Nature** 1985 May 16-22;315(6016):233-5

Protein kinase C phosphorylation of the EGF receptor at a threonine residue close to the cytoplasmic face of the plasma membrane. Hunter T, et al. **Nature** 1984 Oct 4-10; 311(5985):480-3

Serine- and threonine-specific protein kinase activities of purified gag-mil and gag-raf proteins. Moelling K, et al. **Nature** 1984 Dec 6-12;312(5994):558-61

Internal control of the coated vesicle pp50-specific kinase complex. Pauloin A, et al. **Nature** 1984 Sep 20-26; 311(5983):265-7

An N-terminal peptide from p60src can direct myristylation and plasma membrane localization when fused to heterologous proteins. Pellman D, et al. **Nature** 1985 Mar 28-Apr 3;314(6009):374-7

Protein kinase C regulation of the receptor-coupled calcium signal in histamine-secreting rat basophilic leukaemia cells. Sagi-Eisenberg R, et al. **Nature** 1985 Jan 3-9; 313(5997):59-60

Cyclic AMP-dependent protein kinase closes the serotonin-sensitive K+ channels of Aplysia sensory neurones in cell-free membrane patches. Shuster MJ, et al. **Nature** 1985 Jan 31-Feb 6;313(6001):392-5

Phosphorylation of the glucose transporter in vitro and in vivo by protein kinase C. Witters LA, et al. **Nature** 1985 Jun 27-Jul 3;315(6022):777-8

On the disposition of a phosphorylated protein ('synapsin I') and its associated kinases in synaptosomes from rat brain. Rodnight R, et al. **Neurochem Res** 1984 Jun;9(6):771-83

Asynchrony in the expression of guanosine 3':5'-phosphate-dependent protein kinase by clusters of Purkinje cells during the perinatal development of rat cerebellum. Wassef M, et al. **Neuroscience** 1984 Dec; 13(4):1217-41

Cardiac contractility, cAMP concentration, cAMP-dependent protein kinase, and phosphorylase activation during acute pressure overload. Klug GA, et al. **Pflugers Arch** 1984 Oct;402(2):216-21

Modification of protein kinase pattern in human placentae during gestation. Cemerikic-Jekic B, et al. **Placenta** 1984 Sep-Oct;5(5):443-53

Some effects of photoperiod on the pituitary/thyroid axis of castrated cockerels. Chiasson RB, et al. **Poult Sci** 1985 Jun;64(6):1205-9

A placental polypeptide activator of a membranous protein kinase and its relation to histone 1. Abdel-Ghany M, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7388-91

Phosphorylation of DNA topoisomerase II by casein kinase II: modulation of eukaryotic topoisomerase II activity in vitro. Ackerman P, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3164-8

Calcium/phospholipid-dependent protein kinase (protein kinase C) phosphorylates and activates tyrosine hydroxylase. Albert KA, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7713-7

In vivo modulation of rat liver 3-hydroxy-3-methylglutaryl-coenzyme A reductase, reductase kinase, and reductase kinase kinase by mevalonolactone. Beg ZH, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7293-7

Identification of the calmodulin-binding domain of skeletal muscle myosin light chain kinase. Blumenthal DK, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3187-91

Identification of the tyrosine protein kinase from LSTRA cells by use of site-specific antibodies. Casnellie JE, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6676-80

Phosphorylation of the calcium antagonist receptor of the voltage-sensitive calcium channel by cAMP-dependent protein kinase. Curtis BM, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2528-32

Mechanism of activation of the heme-stabilized translational inhibitor of reticulocyte lysates by calcium ions and phospholipid. de Herreros AG, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3119-23

A protein kinase from Xenopus eggs specific for ribosomal protein S6. Erikson E, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):742-6

The monomeric alpha beta form of the insulin receptor exhibits much higher insulin-dependent tyrosine-specific protein kinase activity than the intact alpha 2 beta 2 form of the receptor. Fujita-Yamaguchi Y, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6095-9

Phosphorylation of the nicotinic acetylcholine receptor by an endogenous tyrosine-specific protein kinase. Huganir RL, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(22):6968-72

Role of protein kinase C in diacylglycerol-mediated induction of ornithine decarboxylase and reduction of epidermal growth factor binding. Jetten AM, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):1941-5

A synthetic peptide substrate specific for casein kinase II. Kuenzel EA, et al. **Proc Natl Acad Sci USA** 1985 Feb; 82(3):737-41

Phorbol esters promote alpha 1-adrenergic receptor phosphorylation and receptor uncoupling from inositol phospholipid metabolism. Leeb-Lundberg LM, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5651-5

Calmodulin binding to the cytoskeletal neuronal calmodulin-dependent protein kinase is regulated by autophosphorylation. LeVine H 3d, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):287-91

High-affinity binding of the regulatory subunit (RII) of cAMP-dependent protein kinase to microtubule-associated and other cellular proteins. Lohmann SM, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6723-7

Evidence from two transformed cell lines that the phosphorylations of peptide tyrosine and phosphatidylinositol are catalyzed by different proteins. MacDonald ML, et al. **Proc Natl Acad Sci USA** 1985 Jun; 82(12):3993-7

Expression of autophosphorylating protein kinase 500 in normal and neoplastic rat cells. Majumdar G, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5035-9

Phosphorylation of ribosomal protein S6 on serine after microinjection of the Abelson murine leukemia virus tyrosine-specific protein kinase into Xenopus oocytes. Maller JL, et al. **Proc Natl Acad Sci USA** 1985 Jan; 82(2):272-6

Covalently bound myristate in a lymphoma tyrosine protein kinase. Marchildon GA, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7679-82

Protein kinase activity associated with the purified rat hepatic glucocorticoid receptor. Miller-Diener A, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4003-7

Diacylglycerol stimulates DNA synthesis and cell division in mouse 3T3 cells: role of Ca2+-sensitive phospholipid-dependent protein kinase. Rozengurt E, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5748-52

A protein kinase activity tightly associated with Drosophila type II DNA topoisomerase. Sander M, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6938-42

Differential regulation of bovine brain calmodulin-dependent cyclic nucleotide phosphodiesterase isoenzymes by cyclic AMP-dependent protein kinase and calmodulin-dependent phosphatase. Sharma RK, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2603-7

cAMP-dependent phosphorylation of bovine lens alpha-crystallin. Spector A, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4712-6

Activation of S6 kinase activity in 3T3-L1 cells by insulin and phorbol ester. Tabarini D, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4369-73

Ionic responses rapidly elicited by activation of protein kinase C in quiescent Swiss 3T3 cells. Vara F, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2384-8

Tyrosine phosphorylation within the amino-terminal domain of pp60c-src molecules associated with polyoma virus middle-sized tumor antigen. Yonemoto W, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4568-72

Prolactin stimulation of ornithine decarboxylase activity in the mammary gland may involve an activation of protein kinase C. Rillema JA. **Proc Soc Exp Biol Med** 1985 Mar; 178(3):490-4

A low dose of forskolin increases cyclic AMP levels and cyclic AMP dependent protein kinase activity in bovine coronary arteries without causing relaxation. Vegesna RV, et al. **Proc West Pharmacol Soc** 1984;27:189-92

Mechanism of activation of the calcium-, calmodulin-dependent protein kinase of cardiac sarcoplasmic reticulum and dephosphorylation of phosphoesters by an endogenous phosphatase. Suko J, et al. **Prog Clin Biol Res** 1984;168:35-40

Phospholipid turnover in hormone action. Nishizuka Y, et al. **Recent Prog Horm Res** 1984;40:301-45 (135 ref.)

Stimulated protein kinase activity during acute pancreatitis in rats. Possible mediation by proteolysis, lipolysis, and bile salts. Holian O, et al. **Scand J Gastroenterol** 1985 Jun; 20(5):617-22

The product of the c-fms proto-oncogene: a glycoprotein with associated tyrosine kinase activity. Rettenmier CW, et al. **Science** 1985 Apr 19;228(4697):320-2

Rhodopsin kinase activity in the mammalian pineal gland and other tissues. Somers RL, et al. **Science** 1984 Oct 12; 226(4671):182-4

A potential second messenger role for arachidonic acid: activation of Ca2+-dependent protein kinase. McPhail LC, et al. **Trans Assoc Am Physicians** 1984;97:222-31

Protein kinases in different life stages of Brugia malayi and other filarial worms. Saxena JK, et al. **Tropenmed Parasitol** 1984 Sep;35(3):174-6

An unexpected effect of divalent cations on the adenovirus endogenous protein kinase: alteration in the specificity of phosphorylation. Tsuzuki J, et al. **Virus Res** 1985 Mar; 2(2):95-105

[Studies on polyamine-dependent protein kinase in pig epidermal cells] Nemoto O. **Hokkaido Igaku Zasshi** 1985 Jan;60(1):57-65 (Eng. Abstr.) **(Jpn)**

[Adenylate cyclase and cAMP-dependent protein kinase activity in the adrenal glands of animals after chronic administration of ACTH] Afinogenova SA, et al. **Biokhimiia** 1984 Nov;49(11):1882-6 (Eng. Abstr.) **(Rus)**

[Changes in the cAMP-dependent phosphorylation system of myocardial sarcoplasmic reticulum components during circulatory hypoxia] Antipenko AE, et al. **Biokhimiia** 1985 Jan;50(1):12-6 (Eng. Abstr.) **(Rus)**

[Cyclic nucleotide-dependent endogenous phosphorylation of rabbit myometrium membranes] Kurskiĭ MD, et al. **Biokhimiia** 1985 Feb;50(2):318-24 (Eng. Abstr.) **(Rus)**

[Kinetic mechanism of phosphotransferase reactions catalyzed by cAMP-dependent protein kinase type I and type II from rabbit skeletal muscle] Petukhov SP, et al. **Biokhimiia** 1984 Aug;49(8):1367-74 (Eng. Abstr.) **(Rus)**

[Ca2+-calmodulin-dependent phosphorylation and passive transport of Ca2+ in the myocardial sarcolemma] Vorobets

ZD, et al. **Biokhimiia** 1984 Aug;49(8):1268–74 (Eng. Abstr.) **(Rus)**

[Activity of cAMP-dependent protein kinases and cAMP-binding proteins from rat renal cytosol upon dehydration.] Zelenina MN, et al. **Biokhimiia** 1985 Mar; 50(3):439–42 (Eng. Abstr.) **(Rus)**

[tRNA as an activator of protein kinase induced by interferon] Verkhatskaia AA, et al. **Dokl Akad Nauk SSSR** 1985 Jan–Feb;280(1):233–5 **(Rus)**

[Protein kinase activity in the gastric mucosa of patients with chronic gastritis and stomach tumors] Sultanov VK, et al. **Klin Med (Mosk)** 1985 Apr;63(4):65–8 (Eng. Abstr.) **(Rus)**

[Method of determining the binding capacity of cAMP-dependent protein kinases] Khokhlov AP, et al. **Lab Delo** 1985;(2):101–3 (Eng. Abstr.) **(Rus)**

[Study of 2'-phosphodiesterase activity in cultured NIH 3T3 cells during activation of cAMP-dependent phosphorylation] Kartasheva ON, et al. **Mol Biol (Mosk)** 1985 Mar–Apr;19(2):450–5 (Eng. Abstr.) **(Rus)**

[Oncoproteins—the products of oncogenes. Tyrosine protein kinases] Kiselev LL. **Mol Biol (Mosk)** 1985 Mar–Apr; 19(2):309–32 (195 ref.) (Eng. Abstr.) **(Rus)**

[Mechanism of action of cAMP-dependent protein kinase. IV. Interaction of the enzyme catalytic subunit with structural analogs of histone H1] Kochetkov SN, et al. **Mol Biol (Mosk)** 1984 Jul–Aug;18(4):901–6 (Eng. Abstr.) **(Rus)**

[Problems of cellular activity regulation by secondary messengers] Severin ES, et al. **Mol Biol (Mosk)** 1985 Jan–Feb;19(1):248–66 (Eng. Abstr.) **(Rus)**

[The effect of 3',5'-AMP-dependent protein kinase on the release of cathepsin B from lysosomes of rat skeletal muscles and heart under exertion] Kalinskiĭ MI. **Ukr Biokhim Zh** 1984 Jul–Aug;56(4):408–13 (Eng. Abstr.) **(Rus)**

[Physico-chemical properties of specific protein kinases during intensification of lipogenesis and treatment with nicotinic acid] Khustochka LN, et al. **Ukr Biokhim Zh** 1985 Jan–Feb;57(1):41–7 (Eng. Abstr.) **(Rus)**

[Growth factors and their activation of protein kinases in benign and malignant tumors] Blagosklonnyĭ MV. **Vopr Onkol** 1985;31(7):8–16 (51 ref.) **(Rus)**

PHARMACODYNAMICS

Effect of sulfhydryl–disulfide state on protein phosphorylation: phosphorylation of bovine serum albumin. Chen SL, et al. **Arch Biochem Biophys** 1985 May 15; 239(1):163–71

Conversion of hepatic microsomal cytochrome P-450 to P-420 upon phosphorylation by cyclic AMP dependent protein kinase. Taniguchi H, et al. **Biochem Pharmacol** 1985 May 15;34(10):1835–7

Depolarization-induced effects of Ca2+-calmodulin-dependent protein kinase injection, in vivo, in single neurons of cat motor cortex. Woody CD, et al. **Brain Res** 1984 Oct 29;321(1):192–7

EGF receptor affinity is regulated by intracellular calcium and protein kinase C. Fearn JC, et al. **Cell** 1985 Apr; 40(4):991–1000

The host protein required for in vitro replication of poliovirus is a protein kinase that phosphorylates eukaryotic initiation factor-2. Morrow CD, et al. **Cell** 1985 Apr;40(4):913–21

Cyclic AMP-dependent protein kinase and Ca2+-calmodulin stimulate the formation of polyphosphoinositides in a sarcoplasmic reticulum preparation of rabbit heart. Enyedi A, et al. **FEBS Lett** 1984 Oct 15;176(1):235–8

Activation of yeast 6-phosphofructo-2-kinase by protein kinase and phosphate. Yamashoji S, et al. **FEBS Lett** 1984 Dec 10;178(2):253–6

cAMP-independent casein kinase mediates phosphorylation of many T3-dependent phosphoproteins in rat liver cytosol. Nakamura H, et al. **Horm Metab Res** 1984 Nov; 16(11):576–80

Activation of myocardial neutral triglyceride lipase and neutral cholesterol esterase by cAMP-dependent protein kinase. Goldberg DI, et al. **J Biol Chem** 1985 May 25; 260(10):5879–82

Phosphorylation of smooth muscle myosin light chain kinase by protein kinase C. Comparative study of the phosphorylated sites. Nishikawa M, et al. **J Biol Chem** 1985 Jul 25;260(15):8978–83

Inhibition of binding to initiation complexes of nascent reovirus mRNA by double-stranded RNA-dependent protein kinase. De Benedetti A, et al. **J Virol** 1985 May; 54(2):408–13

Enhancement of calcium current in Aplysia neurones by phorbol ester and protein kinase C. DeRiemer SA, et al. **Nature** 1985 Jan 24–30;313(6000):313–6

Intraterminal injection of synapsin I or calcium/calmodulin-dependent protein kinase II alters neurotransmitter release at the squid giant synapse. Llinás R, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):3035–9

PHYSIOLOGY

Characterization of calmodulin-dependent and cyclic-AMP-dependent protein kinase stimulation of cardiac sarcoplasmic reticulum calcium transport. Katz S, et al. **Adv Myocardiol** 1985;6:233–47

Evidence for the role of cAMP-dependent protein kinase in the down-regulation of hypothalamic HD: reversal of cAMP-(ATP) induced inhibition of HD activity by the 'Walsh' inhibitor of cAMP-dependent protein kinase and by cyclic GMP. Huszti Z, et al. **Agents Actions** 1985 Apr; 16(3–4):240–3

Phosphoprotein regulation of memory formation: enhancement and control of synaptic plasticity by protein kinase C and protein F1. Routtenberg A. **Ann NY Acad Sci** 1985;444:203–11

Protein kinases in the brain. Nairn AC, et al. **Annu Rev Biochem** 1985;54:931–76 (511 ref.)

Diacylglycerol inhibits gap junctional communication in cultured epidermal cells: evidence for a role of protein kinase C. Gainer HS, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1109–13

Independence with respect to Ca2+ changes of the neutrophil respiratory and secretory response to exogenous phospholipase C and possible involvement of diacylglycerol and protein kinase C. Grzeskowiak M, et al. **Biochim Biophys Acta** 1985 Jan 18;844(1):81–90

Cytoskeletal events during calcium- or EGF-induced initiation of DNA synthesis in cultured cells. Role of protein phosphorylation and clues in the transformation process. Marceau N, et al. **Cell Muscle Motil** 1985;6:97–140 (168 ref.)

Protein kinase stimulation of steroidogenesis in rat luteal cell mitochondria. Inaba T, et al. **Endocrinology** 1985 Jul; 117(1):315–22

The role of calcium/phospholipid-dependent protein kinase in Leydig cell steroidogenesis. Lin T. **Endocrinology** 1985 Jul;117(1):119–26

Role of myosin light chain kinase in muscle contraction. Perry SV, et al. **Fed Proc** 1984 Dec;43(15):3015–20

Protein kinase C, a coupling element between stimulus and secretion of basophils. Sagi-Eisenberg R, et al **Immunol Lett** 1984;8(5):237–41

Membrane phospholipid turnover in signal transduction; protein kinase C and mechanism of action of tumor promoters. Miyake R, et al. **Int Symp Princess Takamatsu Cancer Res Fund** 1983; 14:167–76 (30 ref.)

Nerve growth factor and other agents mediate phosphorylation and activation of tyrosine hydroxylase. A convergence of multiple kinase activities. McTigue M, et al. **J Biol Chem** 1985 Jul 25;260(15):9047–56

Inhibition of granulosa cell differentiation by dioctanoylglycerol—a novel activator of protein kinase C. Kasson BG, et al. **Mol Cell Endocrinol** 1985 Aug; 42(1):29–37

Diacylglycerols and protein kinase C. Potential amplifying mechanism for Ca2+-mediated gonadotropin-releasing hormone-stimulated luteinizing hormone release. Harris CE, et al. **Mol Pharmacol** 1985 May;27(5):532–6

Cell activation. The 'basic' connection [news] Boron WF. **Nature** 1984 Nov 22–28;312(5992):312

Insulin receptor tyrosine kinase is defective in skeletal muscle of insulin-resistant obese mice. Le Marchand-Brustel Y, et al. **Nature** 1985 Jun 20–26;315(6021):676–9

Activation of protein kinase C potentiates isoprenaline-induced cyclic AMP accumulation in rat pinealocytes. Sugden D, et al. **Nature** 1985 Mar 28–Apr 3;314(6009):359–61

Virus- and cell-encoded tyrosine protein kinases inactivate DNA topoisomerases in vitro. Tse-Dinh YC, et al. **Nature** 1984 Dec 20–1985 Jan 2;312(5996):785–6

Protein kinase C regulates ionic conductance in hippocampal pyramidal neurons: electrophysiological effects of phorbol esters. Baraban JM, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2538–42

Temporal relationships between isometric force, phosphorylase, and protein kinase activities in vascular smooth muscle. Galvas PE, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):254–60

RADIATION EFFECTS

Alterations in protein kinase activity following exposure of cultured human lymphocytes to modulated microwave fields. Byus CV, et al. **Bioelectromagnetics** 1984;5(3):341–51

Molecular size of the epidermal growth factor receptor-kinase as determined by radiation inactivation. Haigler HT, et al. **J Biol Chem** 1985 Feb 25;260(4):2178–84

PROTEIN-LOSING ENTEROPATHIES

BLOOD

[Abnormal distribution of T lymphocytes in primary intestinal lymphangiectasia (letter)] Di Cesare E, et al. **Arch Fr Pediatr** 1985 Jan;42(1):64 **(Fre)**

COMPLICATIONS

Aplasia cutis congenita and intestinal lymphangiectasia. An unusual association. Bronspiegel N, et al. **Am J Dis Child** 1985 May;139(5):509–13

Pure red cell aplasia and protein-losing enteropathy in a patient with systemic lupus erythematosus. Heck LW, et al. **Arthritis Rheum** 1985 Sep;28(9):1059–61

Administration of intravenous immunoglobulin in two children with hypogammaglobulinaemia due to protein losing enteropathy [letter] De Giacomo C, et al. **Clin Exp Immunol** 1985 May;60(2):447–8

Pleural effusion and recurrent broncho-pneumonia with lymphedema, yellow nails and protein-losing enteropathy. Battaglia A, et al. **Eur J Respir Dis** 1985 Jan;66(1):65–9

CONGENITAL

[Congenital cutaneous, pleural and intestinal disseminated lymphangiectasis] Roth A. **Arch Anat Cytol Pathol** 1984; 32(6):349–52 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

Diagnosis of protein-losing enteropathy [letter] Jobin G. **Gastroenterology** 1984 Dec;87(6):1406

Reliability and usefulness of random fecal alpha 1-antitrypsin concentration: further simplification of the method. Magazzù G, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun; 4(3):402–7

[Localized intestinal lymphangiectases presenting as peritonitis] Deixonne B, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Jan;21(1):41–3 (Eng. Abstr.) **(Fre)**

ETIOLOGY

Protein-losing enteropathy in systemic lupus erythematosus. Monballyu J, et al. **Digestion** 1985;31(4):243–6

Giardiasis with protein-losing enteropathy. Sutton DL, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb;4(1):56–9

Protein-losing enteropathy after Fontan operation. Hess J, et al. **J Thorac Cardiovasc Surg** 1984 Oct;88(4):606–9

[Exudative enteropathies of cardiac origin (letter)] Dubourdieu A, et al. **Ann Med Interne (Paris)** 1985; 136(1):78–80 **(Fre)**

[Intestinal involvement and exudative enteropathy in Waldenström's macroglobulinemia] Hoang C, et al. **Gastroenterol Clin Biol** 1985 May;9(5):444–8 (Eng. Abstr.) **(Fre)**

[Protein-losing enteropathy following Fontan operation for a complex heart defect] Galal O, et al. **Monatsschr Kinderheilkd** 1984 Nov;132(11):870–2 (Eng. Abstr.) **(Ger)**

[A successfully treated case of Wolff-Parkinson-White syndrome with Ebstein's anomaly complicated with protein-losing gastroenteropathy] Kiyohara K, et al. **Nippon Geka Gakkai Zasshi** 1984 Jun;85(6):605–10 (Eng. Abstr.) **(Jpn)**

[A case of common variable immunodeficiency associated with nodular lymphoid hyperplasia of the small intestine and intestinal lymphangiectasia] Koseki H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Mar;82(3):508–12 **(Jpn)**

IMMUNOLOGY

Intestinal lymphangiectasia and thymic hypoplasia. Sorensen RU, et al. **Clin Exp Immunol** 1985 Jan;59(1):217–26

METABOLISM

Enteric protein loss in necrotizing enterocolitis as measured by fecal alpha 1-antitrypsin excretion. Shulman RJ, et al. **J Pediatr** 1985 Aug;107(2):287–9

PHYSIOPATHOLOGY

Development of impaired splenic function in intestinal lymphangiectasia. Foster PN, et al. **Gut** 1985 Aug; 26(8):861–4

RADIOGRAPHY

Primary intestinal lymphangiectasia: clinical and CT findings. Fakhri A, et al. **J Comput Assist Tomogr** 1985 Jul–Aug; 9(4):767–70

SURGERY

[Enteral protein loss in regional enteritis of the terminal ileum: treatment by segmental resection of the small intestine] Ritter R, et al. **Leber Magen Darm** 1984 Jan; 14(1):34–7 (Eng. Abstr.) **(Ger)**

VETERINARY

Intestinal lymphangiectasia in the Lundehund. Scanning electron microscopy of intestinal mucosa. Landsverk T, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Sep; 92(5):353–62

Ulcerative colitis and protein losing enteropathy associated with intestinal salmonellosis and histoplasmosis in a horse. Goetz TE, et al. **Equine Vet J** 1984 Sep;16(5):439–41

Primary intestinal lymphangiectasia in three dogs: a morphological and immunopathological investigation. Suter MM, et al. **Vet Pathol** 1985 Mar;22(2):123–30

PROTEIN LYSINE METHYLTRANSFERASE see under **PROTEIN METHYLTRANSFERASES**

PROTEIN METHYLASES see **PROTEIN METHYLTRANSFERASES**

PROTEIN O-METHYLTRANSFERASE see under **PROTEIN METHYLTRANSFERASES**

PROTEIN METHYLTRANSFERASES

ANTAGONISTS & INHIBITORS

Inhibition of protein carboxylmethylation and dopamine autoreceptor functioning. Saller CF, et al. **Eur J Pharmacol** 1985 Apr 23;111(1):17-22

ISOLATION & PURIFICATION

Purification and characterization of enzymes from Euglena gracilis that methylate methionine and arginine residues of cytochrome c. Farooqui JZ, et al. **J Biol Chem** 1985 Jan 10;260(1):537-45

Two histone H1-specific protein-lysine N-methyltransferases from Euglena gracilis. Purification and characterization. Tuck MT, et al. **J Biol Chem** 1985 Jun 10;260(11):7114-21

Enzymatic methylation and demethylation of protein-bound lysine residues. Paik WK, et al. **Methods Enzymol** 1984; 106:274-87

S-adenosylmethionine: protein (arginine) N-methyltransferase (protein methylase I) (wheat germ). Tuck M, et al. **Methods Enzymol** 1984;106:268-74

METABOLISM

Protein carboxyl methyltransferases: two distinct classes of enzymes. Clarke S. **Annu Rev Biochem** 1985;54:479-506 (171 ref.)

Studies on myelin basic protein-specific protein methylase I in various dysmyelinating mutant mice. Kim S, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):468-74

Enzymatic protein carboxyl methylation at physiological pH: cyclic imide formation explains rapid methyl turnover. Johnson BA, et al. **Biochemistry** 1985 May 7;24(10):2581-6

Fibronectin-induced protein carboxy-O-methylation in aortic endothelial cells. Sorgente N, et al. **Biochim Biophys Acta** 1984 Nov 13;805(3):306-11

Protein O-carboxylmethyltransferase in spermatozoa from normal and infertile men. Hatch R, et al. **Fertil Steril** 1985 Apr;43(4):636-45

Protein carboxyl methyltransferase selectively modifies an atypical form of calmodulin. Evidence for methylation at deamidated asparagine residues. Johnson BA, et al. **J Biol Chem** 1985 Sep 15;260(20):10913-6

Identification and topography of substrates for protein carboxyl methyltransferase in synaptic membrane and myelin-enriched fractions of bovine and rat brain. Johnson BA, et al. **J Neurochem** 1985 Oct;45(4):1119-27

Dopamine autoreceptor stimulation increases protein carboxyl methylation in striatal slices. Wolf ME, et al. **J Neurochem** 1985 Jan;44(1):291-8

S-adenosylmethionine: protein-carboxyl O-methyltransferase (protein methylase II). Kim S. **Methods Enzymol** 1984;106:295-309

The protein carboxylmethyltransferase involved in Escherichia coli and Salmonella typhimurium chemotaxis. Stock JB, et al. **Methods Enzymol** 1984;106:310-21

Immunohistochemical localization of protein-O-carboxylmethyltransferase in rat brain neurons. Billingsley ML, et al. **Neuroscience** 1985 May;15(1):159-71

Stoichiometric methylation of calcineurin by protein carboxyl O-methyltransferase and its effects on calmodulin-stimulated phosphatase activity. Billingsley ML, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5612-6

Mammalian brain and erythrocyte carboxyl methyltransferases are similar enzymes that recognize both D-aspartyl and L-isoaspartyl residues in structurally altered protein substrates. O'Connor CM, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7757-61

Effect of adenosine analogues on the growth and protein carboxylmethyltransferase activity of C-1300 murine neuroblastoma in tissue culture. Mirkin BL, et al. **Prog Clin Biol Res** 1985;175:69-77

PHYSIOLOGY

Is Ca2+-calmodulin-dependent protein phosphorylation in rat brain modulated by carboxylmethylation? Billingsley ML, et al. **J Neurochem** 1985 May;44(5):1442-50

PROTEIN PHOSPHATASES see **PHOSPHOPROTEIN PHOSPHATASES**

PROTEIN PRECURSORS

see related
ENZYME PRECURSORS

Oral toxicity of Bacillus thuringiensis subsp. israelensis to adult mosquitoes. Klowden MJ, et al. **Appl Environ Microbiol** 1984 Sep;48(3):665-7

Primary structure of delta subunit precursor of calf muscle acetylcholine receptor deduced from cDNA sequence. Kubo T, et al. **Eur J Biochem** 1985 May 15;149(1):5-13

Primary structure of beta subunit precursor of calf muscle acetylcholine receptor deduced from cDNA sequence. Tanabe T, et al. **Eur J Biochem** 1984 Oct 1;144(1):11-7

Sequence similarity between epidermal growth factor precursor and atrial natriuretic factor precursor. Hayashida H, et al. **FEBS Lett** 1985 Jun 3;185(1):125-8

Parathymosin alpha: a peptide from rat tissues with structural homology to prothymosin alpha. Haritos AA, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1050-3

The propeptide of rat bone gamma-carboxyglutamic acid protein shares homology with other vitamin K-dependent protein precursors. Pan LC, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6109-13

[Computer bank of amino-acid sequences of protein hormones. Analysis of evolutionary, conformational and physico-chemical properties of the individual sites of sequences in superfamilies of proinsulin and proglucagon] Pozdniakov VI, et al. **Biokhimiia** 1985 Jan;50(1):32-46 (Eng. Abstr.) **(Rus)**

ANALYSIS

Somatostatin-14 like immunoreactive forms in the rat: characterization, distribution and biosynthesis. Patel YC, et al. **Adv Exp Med Biol** 1985;188:71-87

Simultaneous isolation and determination of prothymosin alpha, parathymosin alpha, thymosin beta 4, and thymosin beta 10. Haritos AA, et al. **Anal Biochem** 1985 Feb 1; 144(2):436-40

Comparison of three different assay procedures for the determination of HbA1 with special attention to the influence of pre-HbA1c, temperature and haemoglobin concentration. Kortlandt W, et al. **Ann Clin Biochem** 1985 May;22 (Pt 3):261-8

Involucrin in laryngeal dysplasia. A marker for differentiation. Kaplan MJ, et al. **Arch Otolaryngol** 1984 Nov;110(11):713-16

Identification of cellular prosomatostatin and nonsomatostatin peptides derived from its amino terminus. Aron DC, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):450-6

Evidence for a precursor for TRH in the neonatal rat pancreas. Ouafik LH, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):664-9

Neuropeptides derived from prosomatostatin that do not contain the somatostatin-14 sequence. Benoit R, et al. **Brain Res** 1984 Oct 8;311(1):23-9

Identification of coordinate pairs of polypeptides: a technique for screening of putative precursor product pairs in 2D gels. Lemkin PF, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1965-71

Relaxin gene expression in human ovaries and the predicted structure of a human preprorelaxin by analysis of cDNA clones. Hudson P, et al. **EMBO J** 1984 Oct;3(10):2333-9

Glycinin A5A4B3 mRNA: cDNA cloning and nucleotide sequencing of a splitting storage protein subunit of soybean. Momma T, et al. **Eur J Biochem** 1985 Jun 18;149(3):491-6

Primary structural comparison of the preprohormones cholecystokinin and gastrin. Deschenes RJ, et al. **FEBS Lett** 1985 Mar 11;182(1):135-8

Isolation and chemical characterization of glicentin C-terminal hexapeptide in porcine pancreas. Yanaihara C, et al. **FEBS Lett** 1985 Sep 9;189(1):50-6

Proenkephalin and prodynorphin related neuropeptides in the cochlea. Hoffman DW, et al. **Hear Res** 1985 Jan; 17(1):47-50

Immunohistochemical studies on glucagon, glicentin and pancreatic polypeptide in human stomach: normal and pathological conditions. Tsutsumi Y. **Histochem J** 1984 Aug;16(8):869-83

New bovine adrenal medullary peptide and its precursor. Brandau DT, et al. **Int J Pept Protein Res** 1985 Mar; 25(3):238-41

Identification of canine pulmonary surfactant-associated glycoprotein A precursors. Weaver TE, et al. **J Appl Physiol** 1985 Jun;58(6):2091-5

Wound-induced proteinase inhibitors from tomato leaves. I. The cDNA-deduced primary structure of pre-inhibitor I and its post-translational processing. Graham JS, et al. **J Biol Chem** 1985 Jun 10;260(11):6555-60

Wound-induced proteinase inhibitors from tomato leaves. II. The cDNA-deduced primary structure of pre-inhibitor II. Graham JS, et al. **J Biol Chem** 1985 Jun 10;260(11):6561-4

Molecular properties of the oxytocin/bovine neurophysin biosynthetic precursor. Studies using a semisynthetic precursor. Kanmera T, et al. **J Biol Chem** 1985 Jul 15; 260(14):8474-82

Isoforms of apolipoprotein A-II in human plasma and thoracic duct lymph. Identification of proapolipoprotein A-II and sialic acid-containing isoforms. Lackner KJ, et al. **J Biol Chem** 1985 Jan 25;260(2):703-6

Identification of the precursor protein to basement membrane heparan sulfate proteoglycans. Ledbetter SR, et al. **J Biol Chem** 1985 Jul 5;260(13):8106-113

A water-soluble form of porin from the mitochondrial outer membrane of Neurospora crassa. Properties and relationship to the biosynthetic precursor form. Pfaller R, et al. **J Biol Chem** 1985 Jul 5;260(13):8188-93

Identification of storage protein receptor and its precursor in the fat body membrane of Sarcophaga peregrina. Ueno K, et al. **J Biol Chem** 1984 Oct 10;259(19):12107-11

Heterogeneity of epidermal prekeratin and keratin between sole and body skin in humans. Kitajima Y, et al. **J Dermatol (Tokyo)** 1984 Jun;11(3):211-8

Presence of a neurophysin-like precursor in the green turtle (Chelonia mydas). Licht P, et al. **J Endocrinol** 1984 Oct; 103(1):97-106

Precursor polypeptides of adult T-cell leukaemia virus: detection with antisera against isolated polypeptides gp68, p24 and p19. Schneider J, et al. **J Gen Virol** 1984 Dec;65 (Pt 12):2249-58

A radioimmunoassay for thymosin alpha 1 that detects the native polypeptide, prothymosin alpha. Haritos AA, et al. **J Immunol Methods** 1985 Aug 2;81(2):199-205

Identification of a proenkephalin precursor in striatal tissue. Beaumont A, et al. **J Neurochem** 1985 Mar;44(3):934-40

Isolation and characterization of an endogenous C-terminal fragment of the alpha-neo-endorphin/dynorphin precursor from bovine caudate nucleus. Evans CJ, et al. **J Neurosci** 1985 Jul;5(7):1803-7

Involucrin, a marker of squamous and urothelial differentiation. An immunohistochemical study on its distribution in normal and neoplastic tissues. Walts AE, et al. **J Pathol** 1985 Apr;145(4):329-40

Determination of proenkephalin products in brain tissue by high-performance liquid chromatography and a modified bioassay procedure. Bailey C, et al. **J Pharmacol Methods** 1985 Jun;13(3):235-9

Vitamin K deficiency in the newborn [letter] **Lancet** 1985 Sep 28;2(8457):728-9

Precursor prothrombin status in patients receiving anticonvulsant drugs. Davies VA, et al. **Lancet** 1985 Jan 19;1(8421):126-8

The yeast ubiquitin gene: head-to-tail repeats encoding a polyubiquitin precursor protein. Ozkaynak E, et al. **Nature** 1984 Dec 13-19;312(5995):663-6

Presence of the predicted C-flanking peptide of neuropeptide Y (CPON) in tissue extracts. Allen JM, et al. **Neuropeptides** 1985 Apr;6(2):95-100

Influence of acute, subchronic and chronic treatment with neuroleptic (haloperidol) on enkephalins and their precursors in the striatum of rat brain. Blanc D, et al. **Neuropeptides** 1985 Feb;5(4-6):567-70

A new immunological approach to the detection and the quantitation of the Met5-enkephalin precursors in rat brain. Cupo A, et al. **Neuropeptides** 1984 Sep;4(5):375-87

A comparison of opioid peptide precursors in guinea pig, rat and bovine striata and guinea pig adrenal. Metters KM, et al. **Neuropeptides** 1985 Feb;5(4-6):521-4

Characterization of a new 23 kDalton enkephalin-containing protein in the bovine adrenal medulla. Patey G, et al. **Neuropeptides** 1985 Feb;5(4-6):513-6

Leumorphin in human brain. Suda M, et al. **Neuropeptides** 1985 Feb;5(4-6):461-4

Characterization of a high molecular weight polypeptide from spinal cord with (Leu) enkephalin-immunoreactivity. Wahlström A, et al. **Neuropeptides** 1985 Feb;5(4-6):509-12

Precursor prothrombin status in two mother-infant pairs following gestational anticonvulsant therapy. Argent AC, et al. **Pediatr Pharmacol (New York)** 1984;4(3):183-7

Detection of vitamin K deficiency by use of an enzyme-linked immunosorbent assay for circulating abnormal prothrombin. Motohara K, et al. **Pediatr Res** 1985 Apr;19(4):354-7

Purification and sequence of a non-opioid peptide derived from ovine proenkephalin: implications for possible species specific processing. Micanovic R, et al. **Peptides (Fayetteville)** 1984 Sep-Oct;5(5):853-6

Primary structure of rat thymus prothymosin alpha. Haritos AA, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):343-6

Precursor forms of substance P (SP) in nervous tissue: detection with antisera to SP, SP-Gly, and SP-Gly-Lys. Kream RM, et al. **Proc Natl Acad Sci USA** 1985 Jul; 82(14):4832-6

The small cardioactive peptides A and B of Aplysia are derived from a common precursor molecule. Mahon AC, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3925-9

Identification of substance P precursor forms in human brain tissue. Nyberg F, et al. **Proc Natl Acad Sci USA** 1985 Jun; 82(11):3921-4

Coexistence of peptide YY and glicentin immunoreactivity in endocrine cells of the gut. Böttcher G, et al. **Regul Pept** 1984 Jul;8(4):261-6

A general procedure for analysis of proenkephalin B derived opioid peptides. Christensson-Nylander I, et al. **Regul Pept** 1985 May;11(1):65-76

Identification by specific radioimmunoassay of two novel peptides derived from the C-terminus of porcine preprogastrin. Desmond H, et al. **Regul Pept** 1985 Jun; 11(2):133-42

Immunohistochemical localization to pyloric antral G cells of peptides derived from porcine preprogastrin. Jonsson AC, et al. **Regul Pept** 1984 Jul;8(4):283-90

Immunohistochemical localization in the rat brain of the precursor for thyrotropin-releasing hormone. Jackson IM, et al. **Science** 1985 Sep 13;229(4718):1097-9

[Plasma PIVKA-II levels in various liver diseases--with special reference to plasma PIVKA-II as a marker of hepatocellular carcinoma] Fujiyama S, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):135 **(Jpn)**

[Radioimmunological characteristics of the distribution of hypothalamic glycoprotein--a precursor of cardiotropic neurohormone C--in the brain and viscera] Srapionian RM, et al. **Vopr Med Khim** 1985 Mar-Apr;31(2):20-4 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Biosynthesis of rat preprosomatostatin. Goodman RH, et al. **Adv Exp Med Biol** 1985;188:31-47

Biosynthesis and processing of pro-C3, a precursor of the third component of complement in rat hepatocytes: effect of secretion-blocking agents. Misumi Y, et al. **FEBS Lett** 1984 Sep 17;175(1):63-7

Cell-free synthesis of preuteroglobin and processing to uteroglobin by polysomes from rabbit endometrium. Nieto A. **Int J Biochem** 1985;17(4):537–40

Immunohistochemical evidence for preproenkephalin A synthesis in human retinoblastoma. Tarkkanen A, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1210–2

Identification of pre-osteonectin produced by cell-free translation of fetal porcine calvarial mRNA. Kuwata F, et al. **J Biol Chem** 1985 Jun 10;260(11):6993–8

A functional prolipoprotein signal peptide with a deletion of four amino acid residues from the hydrophobic region. Pollitt S, et al. **J Biol Chem** 1985 Jul 5;260(13):7965–9

Biosynthesis of rat insulin-like growth factor II. II. Localization of mature rat insulin-like growth factor II (7484 daltons) to the amino terminus of the approximately 20-kilodalton biosynthetic precursor by radiosequence analysis. Yang YW, et al. **J Biol Chem** 1985 Feb 25; 260(4):2578–82

Biosynthesis of rat insulin-like growth factor II. I. Immunochemical demonstration of a approximately 20-kilodalton biosynthetic precursor of rat insulin-like growth factor II in metabolically labeled BRL-3A rat liver cells. Yang YW, et al. **J Biol Chem** 1985 Feb 25; 260(4):2570–7

Induction of the insulin proreceptor by hydrocortisone in cultured lymphocytes (IM-9 line). Rouiller DG, et al. **J Clin Invest** 1985 Aug;76(2):645–9

Studies on the synthesis and secretion of interleukin 1. I. A 33,000 molecular weight precursor for interleukin 1. Giri JG, et al. **J Immunol** 1985 Jan;134(1):343–9

Enkephalin biosynthesis in adrenal medulla. Modulation of proenkephalin mRNA content of cultured chromaffin cells by 8-bromo-adenosine 3',5'-monophosphate. Quach TT, et al. **Mol Pharmacol** 1984 Sep;26(2):255–60

Intact proenkephalin is the major enkephalin-containing peptide produced in rat adrenal glands after denervation. Fleminger G, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(24):7985–8

BLOOD

Is hypertriglyceridemic very low density lipoprotein a precursor of normal low density lipoprotein? Oschry Y, et al. **J Lipid Res** 1985 Feb;26(2):158–67

Proapolipoprotein A-I conversion kinetics in vivo in human and in rat. Ghiselli G, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):874–8

Changes in plasma proenkephalin peptide F and catecholamine levels during graded exercise in men. Kraemer WJ, et al. **Proc Natl Acad Sci USA** 1985 Sep; 82(18):6349–51

[Serum level of procollagen-type III-N prepeptide in primary biliary cirrhosis] Saitoh K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):2063 **(Jpn)**

CEREBROSPINAL FLUID

Identification of high molecular weight enkephalin percursor forms in human cerebrospinal fluid. Nyberg F, et al. **Neuropeptides** 1985 Feb;5(4–6):537–40

DEFICIENCY

Effect of vitamin K administration on acarboxy prothrombin (PIVKA-II) levels in newborns. Motohara K, et al. **Lancet** 1985 Aug 3;2(8449):242–4

GENETICS

Expression of anglerfish preprosomatostatin genes in mammalian cells: studies on the synthesis and post-translational processing of somatostatin precursors. Shields D, et al. **Adv Exp Med Biol** 1985;188:3–18

Only part of the protoxin gene of Bacillus thuringiensis subsp. berliner 1715 is necessary for insecticidal activity. Wabiko H, et al. **Appl Environ Microbiol** 1985 Mar;49(3):706–8

Mouse 7S nerve growth factor: complete sequence of a cDNA coding for the alpha-subunit precursor and its relationship to serine proteases. Isackson PJ, et al. **Biochemistry** 1984 Dec 4;23(25):5997–6002

Cloning and sequence analysis of the cDNA encoding a snake neurotoxin precursor. Tamiya T, et al. **Biochimie** 1985 Feb; 67(2):185–9

Aplysia neurons express a gene encoding multiple FMRFamide neuropeptides. Schaefer M, et al. **Cell** 1985 Jun;41(2):457–67

Expression of preprosomatostatin in heterologous cells: biosynthesis, posttranslational processing, and secretion of mature somatostatin. Warren TG, et al. **Cell** 1984 Dec;39(3 Pt 2):547–55

Two introns define functional domains of a neuropeptide precursor in Aplysia. Taussig R, et al. **Clin Exp Hypertens** [A] 1984;6(10–11):2133–40

Isolation and DNA sequence of full-length cDNA for human preapolipoprotein CIII. Levy-Wilson B, et al. **DNA** 1984 Oct;3(5):359–64

Quantitation of proenkephalin A messenger RNA in bovine brain, pituitary and adrenal medulla: correlation between mRNA and peptide levels. Pittius CW, et al. **EMBO J** 1985 May;4(5):1257–60

Sequencing of the nuclear gene for the yeast cytochrome c1 precursor reveals an unusually complex amino-terminal presequence. Sadler I, et al. **EMBO J** 1984 Sep; 3(9):2137–43

Effects of adrenalectomy and dexamethasone administration on the level of prepro-corticotropin-releasing factor messenger ribonucleic acid (mRNA) in the hypothalamus and adrenocorticotropin/beta-lipotropin precursor mRNA in the pituitary in rats. Jingami H, et al. **Endocrinology** 1985 Oct;117(4):1314–20

Nucleotide sequence of cloned cDNA coding for preproricin. Lamb FI, et al. **Eur J Biochem** 1985 Apr 15;148(2):265–70

Cloning and sequence analysis of human genomic DNA encoding gamma subunit precursor of muscle acetylcholine receptor. Shibahara S, et al. **Eur J Biochem** 1985 Jan 2; 146(1):15–22

Human neuropeptide Y, somatostatin and vasopressin precursors identified in cell-free translations of hypothalamic mRNA. Ivell R, et al. **FEBS Lett** 1984 Nov 19;177(2):175–8

Human apolipoprotein A-II: complete nucleic acid sequence of preproapo A-II. Lackner KJ, et al. **FEBS Lett** 1984 Sep 17;175(1):159–64

Structure of chicken calcitonin predicted by partial nucleotide sequence of its precursor. Lasmoles F, et al. **FEBS Lett** 1985 Jan 21;180(1):113–6

Nucleotide sequence divergence and functional constraint in VIP precursor mRNA evolution between human and rat. Nishizawa M, et al. **FEBS Lett** 1985 Apr 8;183(1):55–9

Visualisation of messenger RNA directing peptide synthesis by in situ hybridisation using a novel single-stranded cDNA probe. Potential for the investigation of gene expression and endocrine cell activity. Varndell IM, et al. **Histochemistry** 1984;81(6):597–601

Characteristics of the translation of thymosin alpha 1 precursor mRNA by cell-free wheat germ system. Evidence for the acetylation of thymosin alpha 1 precursor. Nogueira M, et al. **Int J Biochem** 1985;17(4):533–6

Molecular cloning and nucleotide sequence of cDNA coding for rat brain cholecystokinin precursor. Kuwano R, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):923–6

Anglerfish preprosomatostatin II is processed to somatostatin-28 and contains hydroxylysine at residue 23. Andrews PC, et al. **J Biol Chem** 1984 Dec 25; 259(24):15021–4

The gene for rat atrial natriuretic factor. Argentin S, et al. **J Biol Chem** 1985 Apr 25;260(8):4568–71

Modification and processing of internalized signal sequences of prolipoprotein in Escherichia coli and in Bacillus subtilis. Hayashi S, et al. **J Biol Chem** 1985 May 10;260(9):5753–9

Glucagon gene sequence. Four of six exons encode separate functional domains of rat pre-proglucagon. Heinrich G, et al. **J Biol Chem** 1984 Nov 25;259(22):14082–7

Structure of a precursor to human pancreatic polypeptide. Leiter AB, et al. **J Biol Chem** 1984 Dec 10;259(23):14702–5

Nucleotide sequence analysis of a cDNA encoding human ubiquitin reveals that ubiquitin is synthesized as a precursor. Lund PK, et al. **J Biol Chem** 1985 Jun 25;260(12):7609–13

Human serum amyloid P component. cDNA isolation, complete sequence of pre-serum amyloid P component, and localization of the gene to chromosome 1. Mantzouranis EC, et al. **J Biol Chem** 1985 Jun 25; 260(12):7752–6

The cDNA cloning of a 55-kilodalton protein from guinea pig seminal vesicle. Evidence that the protein is the precursor of a 25-kilodalton basic secretory protein. Moore JT, et al. **J Biol Chem** 1985 Mar 25;260(6):3826–32

Isolation and characterization of the rat proenkephalin gene. Rosen H, et al. **J Biol Chem** 1984 Nov 25;259(22):14309–13

The human vasopressin gene is linked to the oxytocin gene and is selectively expressed in a cultured lung cancer cell line. Sausville E, et al. **J Biol Chem** 1985 Aug 25; 260(18):10236–41

Delineation of a toxin-encoding segment of a Bacillus thuringiensis crystal protein gene. Schnepf HE, et al. **J Biol Chem** 1985 May 25;260(10):6273–80

Cloning and sequence analysis of cDNAs for human high molecular weight and low molecular weight prekininogens. Primary structures of two human prekininogens. Takagaki Y, et al. **J Biol Chem** 1985 Jul 15;260(14):8601–9

Identification of prolipoprotein signal peptidase and genomic organization of the lsp gene in Escherichia coli. Tokunaga M, et al. **J Biol Chem** 1985 May 10;260(9):5610–5

Sequence and evolution of guinea pig preproinsulin DNA. Watt VM. **J Biol Chem** 1985 Sep 15;260(20):10926–9

Rat brain preproenkephalin mRNA. cDNA cloning, primary structure, and distribution in the central nervous system. Yoshikawa K, et al. **J Biol Chem** 1984 Nov 25; 259(22):14301–8

Identification of two intermediates during processing of profilaggrin to filaggrin in neonatal mouse epidermis. Resing KA, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1372–8

Identification of hepatitis B virus polypeptides encoded by the entire pre-s open reading frame. Wong DT, et al. **J Virol** 1985 Jul;55(1):223–31

Nucleotide sequence of the gene encoding human atrial natriuretic factor precursor. Greenberg BD, et al. **Nature** 1984 Dec 13–19;312(5995):656–8

Tissue-specific generation of two preprotachykinin mRNAs from one gene by alternative RNA splicing. Nawa H, et al. **Nature** 1984 Dec 20–1985 Jan 2;312(5996):729–34

Gene structure of human cardiac hormone precursor, pronatriodilatin. Nemer M, et al. **Nature** 1984 Dec 13–19; 312(5995):654–6

Characterization of cDNA for precursor of human luteinizing hormone releasing hormone. Seeburg PH, et al. **Nature** 1984 Oct 18–24;311(5987):666–8

Detection of the messenger RNAs coding for the opioid peptide precursors in pituitary and adrenal by 'in situ' hybridization: study in several mammal species. Bloch B, et al. **Neurosci Lett** 1985 Jan 21;53(2):141–8

The structure and evolution of a 461 amino acid human protein C precursor and its messenger RNA, based upon the DNA sequence of cloned human liver cDNAs. Beckmann RJ, et al. **Nucleic Acids Res** 1985 Jul 25; 13(14):5233–47

Primary and secondary structure of black beetle virus RNA2, the genomic messenger for BBV coat protein precursor. Dasgupta R, et al. **Nucleic Acids Res** 1984 Sep 25; 12(18):7215–23

S1-hypersensitive sites in eukaryotic promoter regions. Evans T, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8043–58

Cloning and characterization of the cDNAs for human and rabbit interleukin-1 precursor. Furutani Y, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5869–82

Single stranded DNA SP6 promoter plasmids for engineering mutant RNAs and proteins: synthesis of a 'stretched' preproparathyroid hormone. Mead DA, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1103–18

Human rhinovirus 2: complete nucleotide sequence and proteolytic processing signals in the capsid protein region. Skern T, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):2111–26

The plant ferredoxin precursor: nucleotide sequence of a full length cDNA clone. Smeekens S, et al. **Nucleic Acids Res** 1985 May 10;13(9):3179–94

Complete nucleotide sequence of mRNA for caerulein precursor from Xenopus skin: the mRNA contains an unusual repetitive structure. Wakabayashi T, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):1817–28

Pro-enkephalin gene derived peptides in the porcine stomach: cellular distribution and molecular forms. Giraud A, et al. **Peptides (Fayetteville)** 1984 Jul–Aug;5(4):757–63

Nucleotide sequence of human monocyte interleukin 1 precursor cDNA. Auron PE, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7907–11

Coding sequences for vasoactive intestinal peptide and PHM-27 peptide are located on two adjacent exons in the human genome. Bodner M, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3548–51

Sequence and expression of the rat prodynorphin gene. Civelli O, et al. **Proc Natl Acad Sci USA** 1985 Jun; 82(12):4291–5

Molecular cloning and sequence determination of rat preproenkephalin cDNA: sensitive probe for studying transcriptional changes in rat tissues. Howells RD, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7651–5

Isolation and characterization of a cDNA clone for bovine cytochrome c oxidase subunit IV. Lomax MI, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6295–9

Olfactory neuron-specific protein is translated from a large poly(A)+ mRNA. Rogers KE, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5218–22

Regulation by vitamin D metabolites of messenger ribonucleic acid for preproparathyroid hormone in isolated bovine parathyroid cells. Silver J, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4270–3

Electroconvulsive shock increases preproenkephalin messenger RNA abundance in rat hypothalamus. Yoshikawa K, et al. **Proc Natl Acad Sci USA** 1985 Jan; 82(2):589–93

Chromosomal locations of the human and mouse genes for precursors of epidermal growth factor and the beta subunit of nerve growth factor. Zabel BU, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):469–73

Detection of the messenger RNA coding for preproenkephalin A in bovine adrenal by in situ hybridization. Bloch B, et al. **Regul Pept** 1984 Jul; 8(4):345–54

Alignment of rat cardionatrin sequences with the preprocardionatrin sequence from complementary DNA. Flynn TG, et al. **Science** 1985 Apr 19;228(4697):323–5

IMMUNOLOGY

Progastrin-like immunoreactivity in porcine antrum: identification and characterization with region-specific antisera. Sugano K, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):72–7

A monoclonal antibody specific for a dynorphin precursor. Barrett RW, et al. **Neuropeptides** 1985 Apr;6(2):113–20

ISOLATION & PURIFICATION

Processing of proapolipoprotein AI requires specific conformation. Stoffel W, et al. **Biol Chem Hoppe Seyler** 1985 Feb;366(2):181–7

A proform of secretin with high secretin-like bioactivity. Gafvelin G, et al. **FEBS Lett** 1985 May 20;184(2):347–52

The complete amino-acid sequence of anglerfish somatostatin-28 II. A new octacosapeptide containing the (Tyr7, Gly10) derivative of somatostatin-14 I. Morel A, et al. **FEBS Lett** 1984 Sep 17;175(1):21–4

Glicentin is present in the pig pancreas. Sheikh SP, et al. **FEBS Lett** 1985 Jan 1;179(1):1–6

High pressure liquid chromatographic separation of the labile aldimine (pre-hemoglobin AIc) and the stable Hb AIc. Stallings M, et al. **Hemoglobin** 1984;8(5):509–13

Ontogeny of the bovine neurohypophyseal hormone precursors. Foetal neurohormones and neurophysins. Chauvet MT, et al. **Int J Pept Protein Res** 1984 Jul;24(1):66-73

Purification of the larvicidal toxin of Bacillus sphaericus and evidence for high-molecular-weight precursors. Baumann P, et al. **J Bacteriol** 1985 Aug;163(2):738-47

Isolation and characterization of precursors in bacteriophage T4 baseplate assembly. III. The carboxyl termini of protein P11 are required for assembly activity. Plishker MF, et al. **J Mol Biol** 1984 Sep 25;178(3):699-709

Fragments of prosomatostatin isolated from a human pancreatic tumour. Conlon JM, et al. **Mol Cell Endocrinol** 1984 Nov;38(1):81-6

Partial purification and characterisation of a 31 kDalton putative enkephalin precursor from guinea pig striatum. Metters KM, et al. **Neuropeptides** 1985 Feb;5(4-6):505-8

METABOLISM

Proteolytic events in the post-translational processing of somatostatin precursors from rat brain cortex and anglerfish pancreatic islets. Cohen P, et al. **Adv Exp Med Biol** 1985;188:109-21

Proapolipoprotein A-I metabolism in the human and the rat. Ghiselli G, et al. **Adv Exp Med Biol** 1985;183:113-20

A novel proteolytic activity in serum processes rat prohaptoglobin. Hanley JM, et al. **Arch Biochem Biophys** 1985 Jun;239(2):404-19

Peptide products of the cleavage of bovine preprolactin by signal peptidase. Stern JB, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):244-52

Neuropeptide processing by single-step cleavage: conversion of leumorphin (dynorphin B-29) to dynorphin B. Devi L, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1168-76

Atrial natriuretic polypeptides (ANP): rat atria store high molecular weight precursor but secrete processed peptides of 25-35 amino acids. Vuolteenaho O, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):82-8

Interaction with mitochondrial membranes of a synthetic peptide with a sequence common to extra peptides of mitochondrial precursor proteins. Yoshida Y, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):775-80

The effect of formycin B on mRNA translation and uptake of purine precursors in Leishmania mexicana. Nolan LL, et al. **Biochem Int** 1984 Aug;9(2):207-18

Processing of precursors of mitochondrial proteins. Schmidt B, et al. **Biochem Soc Trans** 1984 Dec;12(6):920-1

Processing of preproteins by liposomes bearing leader peptidase. Ohno-Iwashita Y, et al. **Biochemistry** 1984 Dec 4;23(25):6178-84

1-O-alkyl-2-acyl-sn-glycero-3-phosphorylcholine is the precursor of platelet-activating factor in stimulated rabbit platelets. Evidence for an alkylacetyl-glycerophosphorylcholine cycle. Touqui L, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):111-8

Evidence for synenkephalin-like immunoreactivity in pontobulbar monoaminergic neurons of the cat. Charnay Y, et al. **Brain Res** 1985 May 27;335(1):160-4

Translocation of secretory proteins across the microsomal membrane occurs through an environment accessible to aqueous perturbants. Gilmore R, et al. **Cell** 1985 Sep;42(2):497-505

Tissue-specific posttranslational processing of pre-prosomatostatin encoded by a metallothionein-somatostatin fusion gene in transgenic mice. Low MJ, et al. **Cell** 1985 May;41(1):211-9

Enzymatic cross-linking of involucrin and other proteins by keratinocyte particulates in vitro. Simon M, et al. **Cell** 1985 Mar;40(3):677-83

Structure and multistep activation of the precursors of peptides from honeybee venom glands and frog skin. Kreil G. **Curr Top Cell Regul** 1984;24:261-72

The amino-terminal region of an imported mitochondrial precursor polypeptide can direct cytoplasmic dihydrofolate reductase into the mitochondrial matrix. Hurt EC, et al. **EMBO J** 1984 Dec 20;3(13):3149-56

Pre-proglucagon messenger ribonucleic acid: nucleotide and encoded amino acid sequences of the rat pancreatic complementary deoxyribonucleic acid. Heinrich G, et al. **Endocrinology** 1984 Dec;115(6):2176-81

Synthesis and secretion of hemopexin in primary cultures of rat hepatocytes. Demonstration of an intracellular precursor of hemopexin. Katz NR, et al. **Eur J Biochem** 1985 Jan 2;146(1):155-9

Synthesis and intracellular transport of lectin and storage protein precursors in endosperm from castor bean. Lord JM. **Eur J Biochem** 1985 Jan 15;146(2):403-9

Precursors of ricin and Ricinus communis agglutinin. Glycosylation and processing during synthesis and intracellular transport. Lord JM. **Eur J Biochem** 1985 Jan 15;146(2):411-6

Normal precursors of periplasmic proteins accumulated in the cytoplasm are not exported post-translationally in Escherichia coli. Pages JM, et al. **Eur J Biochem** 1984 Sep 17;143(3):499-505

Intermediates in the conversion of prekeratin into keratin molecules in human epidermis. Katagata Y, et al. **FEBS Lett** 1984 Dec 3;178(1):92-6

Trypsin activation of porcine procolipase. Kinetics of activation and effects on lipid binding. Wieloch T. **FEBS Lett** 1985 Jun 3;185(1):63-6

Localization of dynorphin B-like and alpha-neoendorphin-like immunoreactivities in the guinea pig organ of Corti. Altschuler RA, et al. **Hear Res** 1985 Mar;17(3):249-58

Immunohistochemical localization of unique enkephalin sequences contained in preproenkephalin A in the guinea pig cochlea. Lehtosalo JI, et al. **Hear Res** 1984 Oct;16(1):101-7

A comparative study of myosins and prekeratin in epithelial cells of methacarn-fixed tissues. Puchtler H, et al. **Histochemistry** 1985;82(5):403-9

Involucrin in intraepithelial and invasive squamous cell carcinomas of the cervix: an immunohistochemical study. Sassoon AF, et al. **Hum Pathol** 1985 May;16(5):467-70

Interaction of secretory protein precursors with phospholipids in liposomes. Nanba S, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1133-42

Partial purification of a metalloprotease catalyzing the processing of adrenodoxin precursor in bovine adrenal cortex mitochondria. Sagara Y, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1743-52

Precursors to two nuclear-encoded chloroplast proteins bind to the outer envelope membrane before being imported into chloroplasts. Cline K, et al. **J Biol Chem** 1985 Mar 25;260(6):3691-6

Human proapolipoprotein A-II is cleaved following secretion from Hep G2 cells by a thiol protease. Gordon JI, et al. **J Biol Chem** 1984 Dec 25;259(24):15556-63

Pituitary enzyme conversion of putative synthetic oxytocin precursor intermediates. Kanmera T, et al. **J Biol Chem** 1985 Aug 25;260(18):10118-24

The human receptor for T-cell growth factor. Evidence for variable post-translational processing, phosphorylation, sulfation, and the ability of precursor forms of the receptor to bind T-cell growth factor. Leonard WJ, et al. **J Biol Chem** 1985 Feb 10;260(3):1872-80

Proteolytic processing of h1-like histones in chromatin: a physiologically and developmentally regulated event in Tetrahymena micronuclei. Allis CD, et al. **J Cell Biol** 1984 Nov;99(5):1669-77

Characterization of precursor and secreted forms of human angiotensinogen. Campbell DJ, et al. **J Clin Invest** 1985 Jun;75(6):1880-93

Initial stage of processing from prekeratin into keratin molecules in human epidermis in vitro. Katagata Y, et al. **J Dermatol (Tokyo)** 1984 Jun;11(3):263-8

Conversion and release of an intermediate in vasopressin-neurophysin biosynthesis in the guinea-pig. Jones PM, et al. **J Endocrinol** 1984 Dec;103(3):347-54

Differences in the processing of secreted glycoprotein A induced by Marek's disease virus and herpesvirus of turkeys. Ikuta K, et al. **J Gen Virol** 1985 May;66 (Pt 5):1131-7

In vitro cleavage of Pr65gag by the Moloney murine leukaemia virus proteolytic activity yields p30 whose NH2-terminal sequence is identical to virion p30. Yoshinaka Y, et al. **J Gen Virol** 1985 Feb;66 (Pt 2):379-83

Immuno-ultrastructural localization of involucrin in squamous epithelium and cultured keratinocytes. Warhol MJ, et al. **J Histochem Cytochem** 1985 Feb;33(2):141-9

Involucrin expression in normal and neoplastic human skin: a marker for keratinocyte differentiation. Murphy GF, et al. **J Invest Dermatol** 1984 May;82(5):453-7

Involucrin in squamous and basal cell carcinomas of the skin: an immunohistochemical study. Said JW, et al. **J Invest Dermatol** 1984 May;82(5):449-52

Human apolipoprotein A-I isoprotein metabolism: proapoA-I conversion to mature apoA-I. Bojanovski D, et al. **J Lipid Res** 1985 Feb;26(2):185-93

Characterization of the prodynorphin and proenkephalin neuropeptide systems in rat hippocampus. Chavkin C, et al. **J Neurosci** 1985 Mar;5(3):808-16

Radioligands for probing opioid receptors. Paterson SJ, et al. **J Recept Res** 1984;4(1-6):143-54

Biosynthesis of platelet-activating factor. VI. Precursor of platelet-activating factor and acetyltransferase activity in isolated rat kidney cells. Pirotzky E, et al. **Lab Invest** 1984 Nov;51(5):567-72

Interaction of PHM, PHI and 24-glutamine PHI with human VIP receptors from colonic epithelium: comparison with rat intestinal receptors. Laburthe M, et al. **Life Sci** 1985 Mar 11;36(10):991-5

Are prohormones converted to hormones during secretion? Green DP. **Med Hypotheses** 1984 Sep;15(1):47-59 (75 ref.)

Conformational alterations in the proximal portion of the yeast invertase signal peptide do not block secretion. Brown PA, et al. **MGG** 1984;197(3):351-7

Processing of the precursor to a chloroplast ribosomal protein made in the cytosol occurs in two steps, one of which depends on a protein made in the chloroplast. Schmidt RJ, et al. **Mol Cell Biol** 1985 May;5(5):1093-9

Post-translational processing of neuropeptide precursors. Mains RE, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984;54:168-83 (50 ref.)

Lysosomes and prohormone activation [letter] Hales CN. **Nature** 1985 Mar 7-13;314(6006):20

Immunocytochemical localization in rat brain of a prolactin release-inhibiting sequence of gonadotropin-releasing hormone prohormone. Phillips HS, et al. **Nature** 1985 Aug 8-14;316(6028):542-5

The enzymology and intracellular organization of peptide precursor processing: the secretory vesicle hypothesis. Gainer H, et al. **Neuroendocrinology** 1985 Feb;40(2):171-84 (104 ref.)

Ontogenetic development of the pro-enkephalin B (= pro-dynorphin) opioid peptide system in the rat pituitary. Seizinger BR, et al. **Neuroendocrinology** 1984 Nov;39(5):414-22

Colocalization of immunoreactive proenkephalin and prodynorphin products in medullary neurons of the rat. Guthrie J, et al. **Neuropeptides** 1984 Nov;4(6):437-45

Prodynorphin immunoreactivity is located in different neurons than proenkephalin immunoreactivity in the cerebral cortex of rats. McGinty JF. **Neuropeptides** 1985 Feb;5(4-6):465-8

Proenkephalin- and prodynorphin- derived opioid peptides in guinea-pig heart. Weihe E, et al. **Neuropeptides** 1985 Feb;5(4-6):453-6

Denervation of rat adrenal glands markedly increases preproenkephalin mRNA. Kilpatrick DL, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7221-3

Processing of an anglerfish somatostatin precursor to a hydroxylysine-containing somatostatin 28. Spiess J, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):277-81

Isolation of glucose-containing high-mannose glycoprotein core oligosaccharides. Tsai PK, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6340-3

Differential processing of prodynorphin and proenkephalin in specific regions of the rat brain. Zamir N, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6886-9

Proenkephalin and enkephalin metabolism by rat brain cathepsin B: conversion, inactivation, and suppression by an endogenous inhibitor. Marks N, et al. **Prog Clin Biol Res** 1985;180:247-9

RNA required for import of precursor proteins into mitochondria. Firgaira FA, et al. **Science** 1984 Dec 14;226(4680):1319-22

The effects of calcium and vitamin D metabolites on cytoplasmic mRNA coding for pre-proparathyroid hormone in isolated parathyroid cells. Russell J, et al. **Trans Assoc Am Physicians** 1984;97:296-303

Polypeptides of Mason-Pfizer monkey virus. I. Synthesis and processing of the gag-gene products. Bradac J, et al. **Virology** 1984 Oct 30;138(2):260-75

[Peptide regulators originating from nonspecialized protein precursors] Iankovskiĭ OIu. **Zh Evol Biokhim Fiziol** 1985 Jan-Feb;21(1):62-9 (30 ref.) **(Rus)**

PHARMACODYNAMICS

Effects of high and low molecular weight atrial natriuretic factor in the isolated kidney. Raine AE, et al. **Clin Exp Hypertens** [A] 1984;6(10-11):1863-6

Stimulation by leumorphin of prolactin secretion from the pituitary in rats. Tojo K, et al. **Endocrinology** 1985 Sep;117(3):1169-74

The proenkephalin A fragment, peptide E: central processing and CNS activity in vivo. Davis TP, et al. **Eur J Pharmacol** 1985 May 8;111(2):177-83

Effect of intranigral injections of dynorphin, dynorphin fragments and alpha-neoendorphin on rotational behaviour in the rat. Herrera-Marschitz M, et al. **Eur J Pharmacol** 1984 Jul 13;102(2):213-27

Dynorphin and neoendorphin peptides decrease dorsal root ganglion neuron calcium-dependent action potential duration. Werz MA, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):49-56

Human leumorphin is a potent, kappa opioid receptor agonist. Suda M, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):49-52

PHYSIOLOGY

Neurons of the A1/A2 region in the guinea pig medulla oblongata containing glucagon, glicentin, and dopamine-beta-hydroxylase immunoreactivity. Triepel J, et al. **Anat Embryol (Berl)** 1984;170(3):239-45

Intracellular human IL-1: a precursor for the secreted monokine. Sahasrabuddhe CG, et al. **Lymphokine Res** 1985 Summer;4(3):205-13

A prolactin-inhibiting factor within the precursor for human gonadotropin-releasing hormone. Nikolics K, et al. **Nature** 1985 Aug 8-14;316(6028):511-7

Epidermal growth factor. Is the precursor a receptor? [news] Pfeffer S, et al. **Nature** 1985 Jan 17-23;313(5999):184

SECRETION

Release of synenkephalin from neuronal terminals in vitro. Rossier J, et al. **Neuropeptides** 1985 Feb;5(4-6):549-52

Synenkephalin is coreleased with Met-enkephalin from neuronal terminals in vitro. Liston D, et al. **Neurosci Lett** 1984 Jul 27;48(2):211-6

Fusions of secreted proteins to alkaline phosphatase: an approach for studying protein secretion. Hoffman CS, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5107-11

PROTEIN PROCESSING, POST-TRANSLATIONAL

Transport and proteolytic processing of rabbit cardiac cathepsin D. Samarel AM, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):C135-44

Identification of enzymatic activities which process protein bound mono(ADP-ribose). Smith KP, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):136-42

Protein ADP-ribosylation in rat liver cytosol. Skala H, et al. **Biochem Int** 1983 Dec;7(6):747-54

Post-translational modification of exogenous proteins in Xenopus laevis oocytes. Colman A, et al. **Biochem Soc Trans** 1984 Dec;12(6):932-7 (59 ref.)

Protein disulphide-isomerase and the formation of native disulphide bonds. Freedman RB, et al. **Biochem Soc Trans** 1984 Dec;12(6):929-32

Analysis of microsomal polypeptides involved in the co-translational translocation of secretory proteins. Kaderbhai MA, et al. **Biochem Soc Trans** 1984 Dec; 12(6):917-20

Processing of precursors of mitochondrial proteins. Schmidt B, et al. **Biochem Soc Trans** 1984 Dec;12(6):920-1

Processing of secretory proteins. Taylor JA, et al. **Biochem Soc Trans** 1984 Dec;12(6):974-6

Processed and non-processed forms of procollagens. Timpl R. **Biochem Soc Trans** 1984 Dec;12(6):924-7

Posttranslational modification of the carboxy-terminal region of the beta subunit of human chorionic gonadotropin. Lentz SR, et al. **Biochemistry** 1984 Oct 23;23(22):5330-7

A relationship between nuclear poly(adenosine diphosphate ribosylation) and acetylation posttranslational modifications. 1. Nucleosome studies. Malik N, et al. **Biochemistry** 1984 Jul 31;23(16):3721-5

Glycosylation and processing of high-mannose oligosaccharides of thyroid-stimulating hormone subunits: comparison to nonsecretory cell glycoproteins. Ronin C, et al. **Biochemistry** 1984 Sep 25;23(20):4503-10

Possible role for peptide-oligosaccharide interactions in differential oligosaccharide processing at asparagine-107 of the light chain and asparagine-297 of the heavy chain in a monoclonal IgG1 kappa. Savvidou G, et al. **Biochemistry** 1984 Jul 31;23(16):3736-40

Human serum amyloid A (SAA): biosynthesis and postsynthetic processing of preSAA and structural variants defined by complementary DNA. Sipe JD, et al. **Biochemistry** 1985 Jun 4;24(12):2931-6

A relationship between nuclear poly(adenosine diphosphate ribosylation) and acetylation posttranslational modifications. 2. Histone studies. Wong M, et al. **Biochemistry** 1984 Jul 31;23(16):3726-30

Presence of di- and polyamines covalently bound to protein in rat liver. Beninati S, et al. **Biochim Biophys Acta** 1985 Jul 26;841(1):120-6

Differential post-translational modification of human type I keratins synthesized in a rabbit reticulocyte cell-free system. Gibbs PE, et al. **Biochim Biophys Acta** 1985 Mar 20;824(3):247-55

Synthesis of surfactant-associated glycoprotein A by rat type II epithelial cells. Primary translation products and post-translational modification. Whitsett JA, et al. **Biochim Biophys Acta** 1985 Apr 5;828(2):162-71

Compartmental organization of the Golgi stack. Dunphy WG, et al. **Cell** 1985 Aug;42(1):13-21 (67 ref.)

Tissue-specific posttranslational processing of pre-prosomatostatin encoded by a metallothionein-somatostatin fusion gene in transgenic mice. Low MJ, et al. **Cell** 1985 May;41(1):211-9

Biosynthesis and processing of murine T-cell antigen receptor. McIntyre BW, et al. **Cell** 1984 Oct;38(3):659-65

Expression of preprosomatostatin in heterologous cells: biosynthesis, posttranslational processing, and secretion of mature somatostatin. Warren TG, et al. **Cell** 1984 Dec;39(3 Pt 2):547-55

Processing and secretion of proteins in eukaryotic cells. Ikehara Y. **Cell Struct Funct** 1984 Jul;9 Suppl:s27-9

Processing and secretion of proteins in prokaryotic cells. Mizushima S. **Cell Struct Funct** 1984 Jul;9 Suppl:s25-6

Identification of coordinate pairs of polypeptides: a technique for screening of putative precursor product pairs in 2D gels. Lemkin PF, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1965-71

Plasma apolipoproteins AI, AII, B, CI, and E are glucosylated in hyperglycemic diabetic subjects. Curtiss LK, et al. **Diabetes** 1985 May;34(5):452-61

Changes in the post-translational modification of lysosomal enzymes during development of Dictyostelium. Moore BR, et al. **Differentiation** 1985;29(1):7-13

Posttranslational processing of proadrenocorticotropin/endorphin-derived peptides during postnatal development in the rat pituitary. Sato SM, et al **Endocrinology** 1985 Aug;117(2):773-86

Changes in the nuclear distribution of cyclin (PCNA) during S-phase are not triggered by post-translational modifications that are expected to moderately affect its charge. Bravo R, et al. **FEBS Lett** 1985 Mar 25; 182(2):435-40

Tyrosine sulfation: a post-translational modification of proteins destined for secretion? Hille A, et al. **FEBS Lett** 1984 Nov 5;177(1):129-34

Post-translational modifications of hemoglobin. Bunn HF. **Haematologia (Budap)** 1984;17(2):179-86

Protein modification and its biological role. Moore BR, et al. **Int J Biochem** 1985;17(3):283-9 (60 ref.)

Cell-free synthesis of preuteroglobin and processing to uteroglobin by polysomes from rabbit endometrium. Nieto A. **Int J Biochem** 1985;17(4):537-40

Alkaline phosphatase and OmpA protein can be translocated posttranslationally into membrane vesicles of Escherichia coli. Chen L, et al. **J Bacteriol** 1985 Mar;161(3):973-80

Accumulation of prolipoprotein in Escherichia coli mutants defective in protein secretion. Hayashi S, et al. **J Bacteriol** 1985 Mar;161(3):949-54

Export and processing of MalE-LacZ hybrid proteins in Escherichia coli. Rasmussen BA, et al. **J Bacteriol** 1984 Nov;160(2):612-7

Post-translational incorporation of [35S]sulfate into oligosaccharide side chains of pro-opiomelanocortin in rat intermediate lobe cells. Bourbonnais Y, et al. **J Biol Chem** 1985 May 10;260(9):5832-7

Post-translational import of fatty acyl-CoA oxidase and catalase into peroxisomes of rat liver in vitro. Fujiki Y, et al. **J Biol Chem** 1985 May 10;260(9):5603-9

Wound-induced proteinase inhibitors from tomato leaves. I. The cDNA-deduced primary structure of pre-inhibitor I and its post-translational processing. Graham JS, et al. **J Biol Chem** 1985 Jun 10;260(11):6555-60

Natural murine interferon-gamma. Evidence for post-translational proteolytic processing. Gribaudo G, et al. **J Biol Chem** 1985 Aug 15;260(17):9936-40

The human receptor for T-cell growth factor. Evidence for variable post-translational processing, phosphorylation, sulfation, and the ability of precursor forms of the receptor to bind T-cell growth factor. Leonard WJ, et al. **J Biol Chem** 1985 Feb 10;260(3):1872-80

Structure and assembly of the endoplasmic reticulum. Biosynthetic sorting of endoplasmic reticulum proteins. Lewis MJ, et al. **J Biol Chem** 1985 Jun 10;260(11):6926-31

Differential RNA splicing and post-translational cleavages in the human salivary proline-rich protein gene system. Maeda N, et al. **J Biol Chem** 1985 Sep 15;260(20):11123-30

Multiple fibronectin subunits and their post-translational modifications. Paul JI, et al. **J Biol Chem** 1984 Nov 10; 259(21):13477-87

Post-translational processing of the epidermal growth factor receptor. Glycosylation-dependent acquisition of ligand-binding capacity. Slieker LJ, et al. **J Biol Chem** 1985 Jan 25;260(2):687-90

Glycosylation of the epidermal growth factor receptor in A-431 cells. The contribution of carbohydrate to receptor function. Soderquist AM, et al. **J Biol Chem** 1984 Oct 25; 259(20):12586-94

Correct NH2-terminal processing of cardiac muscle alpha-isoactin (class II) in a nonmuscle mouse cell. Solomon LR, et al. **J Biol Chem** 1985 Jun 25; 260(12):7659-64

Proteolytic processing of h1-like histones in chromatin: a physiologically and developmentally regulated event in Tetrahymena micronuclei. Allis CD, et al. **J Cell Biol** 1984 Nov;99(5):1669-77

Segregation of the polypeptide translocation apparatus to regions of the endoplasmic reticulum containing ribophorins and ribosomes. I. Functional tests on rat liver microsomal subfractions. Amar-Costesec A, et al. **J Cell Biol** 1984 Dec;99(6):2247-53

The exocrine protein trypsinogen is targeted into the secretory granules of an endocrine cell line: studies by gene transfer. Burgess TL, et al. **J Cell Biol** 1985 Aug; 101(2):639-45

Biosynthesis of the D2-cell adhesion molecule: post-translational modifications, intracellular transport, and developmental changes. Lyles JM, et al. **J Cell Biol** 1984 Dec;99(6):2082-91

Segregation of the polypeptide translocation apparatus to regions of the endoplasmic reticulum containing ribophorins and ribosomes. II. Rat liver microsomal subfractions contain equimolar amounts of ribophorins and ribosomes. Marcantonio EE, et al. **J Cell Biol** 1984 Dec; 99(6):2254-9

Sorting of an apical plasma membrane glycoprotein occurs before it reaches the cell surface in cultured epithelial cells. Matlin KS, et al. **J Cell Biol** 1984 Dec;99(6):2131-9

Identification of two intermediates during processing of profilaggrin to filaggrin in neonatal mouse epidermis. Resing KA, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1372-8

Differences in the processing of secreted glycoprotein A induced by Marek's disease virus and herpesvirus of turkeys. Ikuta K, et al. **J Gen Virol** 1985 May;66 (Pt 5):1131-7

Murine Ia-associated invariant chain's processing to complex oligosaccharide forms and its dissociation from the I-Ak complex. Holt GD, et al. **J Immunol** 1985 Jul; 135(1):399-407

Differential glycosylation requirements for the cell surface expression of class I molecules. Landolfi NF, et al. **J Immunol** 1985 Jan;134(1):423-30

Structure of the penicillin acylase gene from Escherichia coli: a periplasmic enzyme that undergoes multiple proteolytic processing. Bruns W, et al. **J Mol Appl Genet** 1985; 3(1):36-44

Posttranslational incorporation of [14C]arginine into rat brain proteins. Acceptor changes during development. Hallak ME, et al. **J Neurochem** 1985 Mar;44(3):665-9

Posttranslational protein modification: biosynthetic control mechanisms in the glycosylation of the major myelin glycoprotein by Schwann cells. Poduslo JF. **J Neurochem** 1985 Apr;44(4):1194-206

Posttranslational protein modification by amino acid addition in intact and regenerating axons of the rat sciatic nerve. Zanakis MF, et al. **J Neurochem** 1984 Nov;43(5):1286-94

Evidence for post-translational glycosylation of a nonglycosylated precursor protein of herpes simplex virus type 1. Compton T, et al. **J Virol** 1984 Nov;52(2):630-7

The amino terminal acetylation of cat globin chains and their tryptic peptides. Kasten-Jolly J, et al. **Life Sci** 1984 Oct 15;35(16):1623-32

Posttranslational modifications. Part A. **Methods Enzymol** 1984;106:1-574

Posttranslational modifications. Part B. **Methods Enzymol** 1984;107:1-688

Purification and characterization of (ADP-ribosyl)n proteins. Adamietz P, et al. **Methods Enzymol** 1984;106:461-71

Protein side-chain acetylations. Allfrey VG, et al. **Methods Enzymol** 1984;107:224-40

Diphthamide in elongation factor 2: ADP-ribosylation, purification, and properties. Bodley JW, et al. **Methods Enzymol** 1984;106:378-87

Identification of posttranslationally modified amino acids in proteins by mass spectrometry. Carr SA, et al. **Methods Enzymol** 1984;106:29-58

Hypusine formation: a unique posttranslational modification in translation initiation factor eIF-4D. Cooper HL, et al. **Methods Enzymol** 1984;106:344-51

Disulfide bond formation in proteins. Creighton TE. **Methods Enzymol** 1984;107:305-29

Rat pituitary N alpha-acetyltransferase. Dixon JE, et al. **Methods Enzymol** 1984;106:170-9

Redox control of enzyme activities by thiol/disulfide exchange. Gilbert HF. **Methods Enzymol** 1984;107:330-51

Coliphage-induced ADP-ribosylation of Escherichia coli RNA polymerase. Goff CG. **Methods Enzymol** 1984; 106:418-29

Formation of N epsilon-(biotinyl)lysine in biotin enzymes. Goss NH, et al. **Methods Enzymol** 1984;107:261-78

Formation and isomerization of disulfide bonds in proteins: protein disulfide-isomerase. Hillson DA, et al. **Methods Enzymol** 1984;107:281-94

Occurrence, detection, and biosynthesis of carboxy-terminal amides. Kreil G. **Methods Enzymol** 1984;106:218-23

N-terminal glyceride-cysteine modification of membrane penicillinases in gram-positive bacteria. Lampen JO, et al. **Methods Enzymol** 1984;106:365-8

Mixed-function oxidation of histidine residues. Levine RL. **Methods Enzymol** 1984;107:370-6

Diphthamide: in vitro biosynthesis. Moehring JM, et al. **Methods Enzymol** 1984;106:388-95

A simple analysis of methylated proteins. Paik WK. **Methods Enzymol** 1984;106:265-8

Actin amino-terminal acetylation and processing in a rabbit reticulocyte lysate. Redman KL, et al. **Methods Enzymol** 1984;106:179-92

5'-Nucleotidyl-O-tyrosine bond in glutamine synthetase. Rhee SG. **Methods Enzymol** 1984;107:183-200

Covalent attachment of flavin to flavoproteins: occurrence, assay, and synthesis. Singer TP, et al. **Methods Enzymol** 1984;106:369-78

Overview of poly(ADP-ribosyl)ation. Smulson ME, et al. **Methods Enzymol** 1984;106:438-40

Amino-terminal acetylation of proteins: an overview. Tsunasawa S, et al. **Methods Enzymol** 1984;106:165-70

High-performance liquid chromatography probes for posttranslationally modified amino acids. Walsh KA, et al. **Methods Enzymol** 1984;106:22-9

Nonenzymatic formation and isomerization of protein disulfides. Wetlaufer DB. **Methods Enzymol** 1984;107:301-4

A short stroll through the posttranslational zoo. Wold F, et al. **Methods Enzymol** 1984;107:xiii-xvi

Covalent modification of bacterial glutamine synthetase: physiological significance. Kustu S, et al. **MGG** 1984; 197(2):309-17

Kinetic defects in the processing of the low density lipoprotein receptor in fibroblasts from WHHL rabbits and a family with familial hypercholesterolemia. Schneider WJ, et al. **Mol Biol Med** 1983 Oct;1(3):353-67

Cloning of DNA corresponding to rare transcripts of rat brain: evidence of transcriptional and post-transcriptional control and of the existence of nonpolyadenylated transcripts. Brilliant MH, et al. **Mol Cell Biol** 1984 Oct; 4(10):2187-97

Post-translational processing of neuropeptide precursors. Mains RE, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984;54:168-83 (50 ref.)

Polypeptide ligation occurs during post-translational modification of concanavalin A. Carrington DM, et al. **Nature** 1985 Jan 3-9;313(5997):64-7

Strategies for studying opioid peptide regulation at the gene, message and protein levels. Dores RM, et al. **Peptides (Fayetteville)** 1984;5 Suppl 1:9-17 (57 ref.)

Rapid processing of the carboxyl terminus of a trypanosome variant surface glycoprotein. Bangs JD, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3207-11

Enzymes processing somatostatin precursors: an Arg-Lys esteropeptidase from the rat brain cortex converting somatostatin-28 into somatostatin-14. Gluschankof P, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6662-6

Synthesis and glycosylation of the common alpha subunit of human glycoprotein hormones in mouse cells. Ramabhadran TV, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6701-5

Isolation of glucose-containing high-mannose glycoprotein core oligosaccharides. Tsai PK, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6340-3

RNA required for import of precursor proteins into mitochondria. Firgaira FA, et al. **Science** 1984 Dec 14; 226(4680):1319-22

Detection of the myristylated gag-raf transforming protein with raf-specific antipeptide sera. Schultz AM, et al.

Virology 1985 Oct 15;146(1):78–89

[Synthesis and processing in Escherichia coli of human leukocyte interferon linked with the signal sequence of Bacillus amyloliquefaciens alpha-amylase] Sorokin AV, et al. **Dokl Akad Nauk SSSR** 1985;282(6):1490–3 **(Rus)**

[Post-synthetic modification of proteins] Troitskiĭ GV. **Ukr Biokhim Zh** 1985 May–Jun;57(3):81–98 (77 ref.) (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

The effect of deoxymannojirimycin on the processing of the influenza viral glycoproteins. Elbein AD, et al. **Arch Biochem Biophys** 1984 Dec;235(2):579–88

Influence of dopaminergic agents on beta-endorphin processing in rat pars intermedia. Ham J, et al. **Biochem Soc Trans** 1984 Dec;12(6):927–9

Effects of monensin on biosynthesis and intracellular processing of proinsulin. Smith JE, et al. **Biosci Rep** 1984 Sep;4(9):737–42

Effects of manno-1-deoxynojirimycin and 2,5-dihydroxymethyl-3,4-dihydroxypyrrolidine on N-linked oligosaccharide processing in intestinal epithelial cells. Romero PA, et al. **FEBS Lett** 1985 May 20; 184(2):197–201

The pyrrolidine alkaloid, 2,5-dihydroxymethyl-3,4-dihydroxypyrrolidine, inhibits glycoprotein processing. Elbein AD, et al. **J Biol Chem** 1984 Oct 25;259(20):12409–13

PROTEINASES see **PEPTIDE PEPTIDOHYDROLASES**

PROTEINS

Nutritional studies on Spirulina maxima. Maranesi M, et al. **Acta Vitaminol Enzymol** 1984;6(4):295–304

Estimation of disulfide bonds using 2-nitro-5-thiosulfobenzoic acid: limitations. Damodaran S. **Anal Biochem** 1985 Feb 15;145(1):200–4

Protein hydrogen exchange studied by the fragment separation method. Englander JJ, et al. **Anal Biochem** 1985 May 15;147(1):234–44

Cysteine: a potential source of error in amino acid analysis of mercaptoethane sulfonic or hydrochloric acid hydrolysates of proteins and peptides. Gardner ML. **Anal Biochem** 1984 Sep;141(2):429–31

The application of fluorescein isothiocyanate and high-performance liquid chromatography for the microsequencing of proteins and peptides. Muramoto K, et al. **Anal Biochem** 1984 Sep;141(2):446–50

Partial proteolytic protein maps: Cleveland revisited. Walker AI, et al. **Anal Biochem** 1985 Apr;146(1):108–10

Fixation of reinforced silicone tracheal tubes [letter] Steward DJ. **Anesthesiology** 1985 Sep;63(3):334

On the construction of computer models of proteins by the extension of crystallographic structures. Feldmann RJ, et al. **Ann NY Acad Sci** 1985;439:12–43

Calculations of the three-dimensional structures of proteins. Scheraga HA. **Ann NY Acad Sci** 1985;439:170–94

Effects of site-specific amino acid modification on protein interactions and biological function. Ackers GK, et al. **Annu Rev Biochem** 1985;54:597–629 (68 ref.)

Time-resolved fluorescence of proteins. Beechem JM, et al. **Annu Rev Biochem** 1985;54:43–71 (175 ref.)

The application of neutron crystallography to the study of dynamic and and hydration properties of proteins. Kossiakoff AA. **Annu Rev Biochem** 1985;54:1195–227 (95 ref.)

Electrostatic effects in proteins. Matthew JB. **Annu Rev Biophys Biophys Chem** 1985;14:387–417 (58 ref.)

Surface modification of proteins. Activation of monomethoxy-polyethylene glycols by phenylchloroformates and modification of ribonuclease and superoxide dismutase. Veronese FM, et al. **Appl Biochem Biotechnol** 1985 Apr;11(2):141–52

Effect of glycerol on protein acetylation by acetic anhydride. Fojo AT, et al. **Arch Biochem Biophys** 1985 Jul; 240(1):43–50

A macromolecular shape function based on sedimentation velocity parameters. Nichol LW, et al. **Arch Biochem Biophys** 1985 Jan;236(1):338–41

Lymphokines, monokines, and other cytokines. Nelson DS, et al. **Aust NZ J Med** 1985 Apr;15(2):285–90

Introduction of the dansyl group into histidine and tyrosine residues in peptides and proteins. Buchta R, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):350–7

A new method for rapid assignment of S-S bridges in proteins. Morris HR, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1122–8

Computer aided evaluation of two-dimensional NMR spectra of proteins. Neidig KP, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):1143–50

Role of topological constraints in the all-or-none transition of a globular protein model: theory of the helix-coil transition in doubly crosslinked, coiled coils. Skolnick J. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):848–53

Effect of ligands on chemical modification of proteins [letter] Horiike K, et al. **Biochem J** 1984 Nov 1;223(3):933–4

ZPEP: an interactive protein sequence analysis program designed for microcomputers. Bishop MJ. **Biochem Soc Trans** 1984 Dec;12(6):1017

Determination of the relative positions of amino acids by partial specific cleavages of end-labeled proteins. Jue RA, et al. **Biochemistry** 1985 Jan 1;24(1):162–70

The amino acid sequence of human beta-microseminoprotein. Akiyama K, et al. **Biochim Biophys Acta** 1985 Jun 10; 829(2):288–94

The prediction of protein domains. Busetta B, et al. **Biochim Biophys Acta** 1984 Oct 23;790(2):117–24

Hydroxyl free radical reactions with amino acids and proteins studied by electron spin resonance spectroscopy and spin-trapping. Nagy I, et al. **Biochim Biophys Acta** 1984 Nov 9;790(3):238–50

The biological functions of low-frequency vibrations (phonons). 4. Resonance effects and allosteric transition. Chou KC. **Biophys Chem** 1984 Aug;20(1–2):61–71

The stabilization of proteins by osmolytes. Arakawa T, et al. **Biophys J** 1985 Mar;47(3):411–4

Amino acid side-chain partition energies and distribution of residues in soluble proteins. Guy HR. **Biophys J** 1985 Jan; 47(1):61–70

Random matrix theory in biological nuclear magnetic resonance spectroscopy. Lacelle S. **Biophys J** 1984 Aug; 46(2):181–6

Hydrogen-exchange evidence for distinct structural classes in globular proteins. Gregory RB, et al. **Biopolymers** 1985 Feb;24(2):301–26

Matrix formulation of the transition from a statistical coil to an intramolecular antiparallel beta sheet. Mattice WL, et al. **Biopolymers** 1984 Sep;23(9):1701–24

Efficient Monte Carlo method for simulation of fluctuating conformations of native proteins. Noguti T, et al. **Biopolymers** 1985 Mar;24(3):527–46

A simple and novel interpretation of the three-dimensional structure of globular proteins based on quantum-mechanical computations on small model molecules. I. Peters D, et al. **Biopolymers** 1985 Mar; 24(3):491–508

Searching the protein sequence database. Orcutt BC, et al. **Bull Math Biol** 1984;46(4):545–52

The uniqueness of protein sequences. Uniqueness diagrams for the Dayhoff file––1984. Saroff HA. **Bull Math Biol** 1984;46(4):661–72

Local bone growth factors [editorial] Canalis E. **Calcif Tissue Int** 1984 Dec;36(6):632–4

Effect of phase transitions on the interaction of peptides and proteins with phospholipids. Epand RM, et al. **Can J Biochem Cell Biol** 1984 Nov;62(11):1167–73

Study of protein adsorption on glass surfaces with a hydrophobic fluorescent probe. Mizutani T, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2395–400

Heterobifunctional reagents for cross-linking of sugar with protein. Ohnishi M, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):674–8

Effect of protein adsorption on diffusive and convective transport through polysulfone membranes. Bosch T, et al. **Contrib Nephrol** 1985;46:14–22

Determination of the autocorrelation orders of proteins. Macchiato MF, et al. **Eur J Biochem** 1985 Jun 3; 149(2):375–9

Dynamics of amino acid residues in globular proteins. Bhaskaran R, et al. **Int J Pept Protein Res** 1984 Aug; 24(2):180–91

Sidechain and backbone potential function for conformational analysis of proteins. Crippen GM, et al. **Int J Pept Protein Res** 1985 May;25(5):487–509

Residue contacts in protein structures and implications for protein folding. Narayana SV, et al. **Int J Pept Protein Res** 1984 Jul;24(1):25–39

Differential equation model to study dynamic behaviour of globular proteins. Ponnuswamy PK, et al. **Int J Pept Protein Res** 1984 Aug;24(2):168–79

A home-made solid-phase sequencer operating at the nanomole level. Amiri I, et al. **J Biochem Biophys Methods** 1985 Mar;10(5–6):329–40

A method for covalent insertion of mercury into the cysteine disulfide bridges of proteins. Marston AW, et al. **J Biochem Biophys Methods** 1984 Sep;9(4):307–14

Improved procedures for automated liquid phase sequence analyses of protein and peptide. Hayashi H, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):441–8

Isolation and amino acid sequence of SAP-1, an acidic protein of human whole saliva, and sequence homology with human gamma-trace. Isemura S, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):489–98

Immobilization of protein ligands on new formyl-spacer-carriers for the preparation of stable and high capacity affinity adsorbents. Ito Y, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1689–94

A general procedure for the end labeling of proteins and positioning of amino acids in the sequence. Jay DG. **J Biol Chem** 1984 Dec 25;259(24):15572–8

Synthesis of a model protein of defined secondary and quaternary structure. Effect of chain length on the stabilization and formation of two-stranded alpha-helical coiled-coils. Lau SY, et al. **J Biol Chem** 1984 Nov 10; 259(21):13253–61

Structure-function relationship in Escherichia coli initiation factors. Biochemical and biophysical characterization of the interaction between IF-2 and guanosine nucleotides. Pon CL, et al. **J Biol Chem** 1985 Jul 25;260(15):8918–24

14th annual UCLA symposia. March 9–April 4, 1985. Abstracts. **J Cell Biochem [Suppl]** 1985;9B:1–278

14th annual UCLA symposium. Abstracts: Protein structure, folding and design. **J Cell Biochem [Suppl]** 1985;9B:89–145

A computational procedure for determining energetically favorable binding sites on biologically important macromolecules. Goodford PJ. **J Med Chem** 1985 Jul; 28(7):849–57

Crystallization of chicken egg white cystatin, a low molecular weight protein inhibitor of cysteine proteinases, and preliminary X-ray diffraction data. Bode W, et al. **J Mol Biol** 1985 Jan 20;181(2):331–2

Molecular evolution of the seed storage proteins of barley, rye and wheat. Kreis M, et al. **J Mol Biol** 1985 Jun 5; 183(3):499–502

Solvent accessible surface area and excluded volume in proteins. Analytical equations for overlapping spheres and implications for the hydrophobic effect. Richmond TJ. **J Mol Biol** 1984 Sep 5;178(1):63–89

Aligning amino acid sequences: comparison of commonly used methods. Feng DF, et al. **J Mol Evol** 1984–85; 21(2):112–25

The effect of protein on the dissolution of phenytoin. Rosen A, et al. **J Pharm Pharmacol** 1984 Nov;36(11):723–7

Maximum likelihood estimation of subsequence conservation. Lawrence CE, et al. **J Theor Biol** 1985 Apr 7;113(3):425–39

Stereospecific binding capacity of proteins on surfaces––simple mathematical models. Lundström I, et al. **J Theor Biol** 1984 Sep 21;110(2):195–204

Indefinite self-association of a solute in linear and branched arrays. Nichol LW, et al. **J Theor Biol** 1984 Jul 21; 109(2):285–98

The uniqueness of protein sequences: molecular territoriality. Saroff HA. **J Theor Biol** 1985 Jul 21;115(2):191–9

Protein-protein recognition: method for finding complementary surfaces of interacting proteins. Zielenkiewicz P, et al. **J Theor Biol** 1984 Nov 7; 111(1):17–30

Identification of N-terminal myristyl blocking groups in proteins. Aitken A, et al. **Methods Enzymol** 1984; 106:205–10

Protein side-chain acetylations. Allfrey VG, et al. **Methods Enzymol** 1984;107:224–40

Dityrosine: in vitro production and characterization. Amadò R, et al. **Methods Enzymol** 1984;107:377–88

Enzymatic reduction of methionine sulfoxide residues in proteins and peptides. Brot N, et al. **Methods Enzymol** 1984; 107:352–60

Enzymatic hydrolysis of native, soluble proteins and glycoproteins. Chin CC, et al. **Methods Enzymol** 1984; 106:69–74

Ion-exchange chromatography of some amino acid derivatives found in proteins. Chin CC. **Methods Enzymol** 1984;106:17–21

Detection and identification of substrates for protein kinases: use of proteins and synthetic peptides. Engström L, et al. **Methods Enzymol** 1984;107:130–54

S beta-(bilin)cysteine derivatives: structures, spectroscopic properties, and quantitation. Glazer AN. **Methods Enzymol** 1984;106:359–64

Halogenated tyrosine derivatives in invertebrate scleroproteins: isolation and identification. Hunt S. **Methods Enzymol** 1984;107:413–38

Determination and occurrence of tyrosine O-sulfate in proteins. Huttner WB. **Methods Enzymol** 1984;107:200–23

Occurrence, detection, and biosynthesis of carboxy-terminal amides. Kreil G. **Methods Enzymol** 1984;106:218–23

S beta-(2-histidyl)cysteine: properties, assay, and occurrence. Lerch K. **Methods Enzymol** 1984;106:355–9

The N epsilon-(gamma-glutamic)lysine cross-link: method of analysis, occurrence in extracellular and cellular proteins. Loewy AG. **Methods Enzymol** 1984;107:241–57

Decarboxylation of gamma-carboxyglutamic acid residues in proteins. Price PA. **Methods Enzymol** 1984;107:548–51

Citrulline in proteins from the enzymatic deimination of arginine residues. Rothnagel JA, et al. **Methods Enzymol** 1984;107:624–31

Histidinoalanine: a naturally occurring cross-linking amino acid. Sass RL, et al. **Methods Enzymol** 1984;106:351–5

Occurrence and characterization of selenocysteine in proteins. Stadtman TC. **Methods Enzymol** 1984;107:576–81

Assay of dihydroxyphenylalanine (dopa) in invertebrate structural proteins. Waite JH, et al. **Methods Enzymol** 1984; 107:397–413

Equilibrium in the protein-immobilized-ligand-soluble-ligand system: estimation of dissociation constants of protein-soluble-ligand complexes from binding-inhibition data. Hořejší V, et al. **Mol Immunol** 1985 Feb;22(2):125–33

In vitro photoreactions of selected psoralens and methylangelicins with DNA, RNA, and proteins. Rodighiero G, et al. **Natl Cancer Inst Monogr** 1984 Dec; 66:31–40 (62 ref.)

Identity of tumour necrosis factor and the macrophage-secreted factor cachectin. Beutler B, et al. **Nature** 1985 Aug 8–14;316(6028):552–4

Influence of the location of tryptophanyl residues in proteins on their photosensitivity. Pigault C, et al. **Photochem Photobiol** 1984 Sep;40(3):291–7

Comparative statistics for DNA and protein sequences: single sequence analysis. Karlin S, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5800–4

Theory of Mössbauer spectra of proteins fluctuating between conformational substates. Nadler W, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5719–23

Modification of pK values caused by change in H-bond geometry. Scheiner S, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2741-5

Hydrogen bonding in globular proteins. Baker EN, et al. **Prog Biophys Mol Biol** 1984;44(2):97-179 (117 ref.)

A quantum chemical approach to the study of interaction between protein and nucleic acid fragments. Kumar NV, et al. **Prog Clin Biol Res** 1985;172B:91-104

Electrostatic recognition in proteins. Naray-Szabo G, et al. **Prog Clin Biol Res** 1985;172B:105-13

Control of base-pair stability by H-bond interactions with proteins. Sarai A. **Prog Clin Biol Res** 1985;172B:37-43

4th European meeting on 'Plasma proteins in clinical diagnosis.' Milano, October 5th-7th, 1983. **Ric Clin Lab** 1984 Jul-Sep;14(3):277-592

Rapid and sensitive protein similarity searches. Lipman DJ, et al. **Science** 1985 Mar 22;227(4693):1435-41

Hydrophobicity of amino acid residues in globular proteins. Rose GD, et al. **Science** 1985 Aug 30;229(4716):834-8

Molecular weight determinations of proteins by californium plasma desorption mass spectrometry. Sundqvist B, et al. **Science** 1984 Nov 9;226(4675):696-8

Dynamical electron scattering from negatively stained protein microcrystals. Dorset DL. **Ultramicroscopy** 1984; 13(3):311-24

[Structure and biological significance of tooth proteins] Pechová L, et al. **Cesk Fysiol** 1984;33(6):536-57 **(Cze)**

[Determination by 15N tracer kinetics of the half-life of total body protein in premature and mature infants] Wutzke KD, et al. **Monatsschr Kinderheilkd** 1985 May;133(5):291-5 (Eng. Abstr.) **(Ger)**

[Solvation and properties of proteins] Arakawa T. **Tanpakushitsu Kakusan Koso** 1985 Feb;30(2):103-11 **(Jpn)**

[Covalent cross-linking and degradation of proteins caused by ozone] Ignatenko AV, et al. **Biofizika** 1985 Jan-Feb; 30(1):18-22 (Eng. Abstr.) **(Rus)**

[Interaction of manganese II ions with proteins] Khmara LA, et al. **Biofizika** 1985 May-Jun;30(3):400-5 (Eng. Abstr.) **(Rus)**

[Identification of signals in overlapping NMR spectra of proteins by the differential spin echo method] Sepetov NF, et al. **Biofizika** 1985 Mar-Apr;30(2):211-5 (Eng. Abstr.) **(Rus)**

[Contribution of NMR spectroscopy to the study of structure-function relations of proteins and peptides] Bystrov VF. **Bioorg Khim** 1984 Aug;10(8):997-1043 (154 ref.) (Eng. Abstr.) **(Rus)**

[Determination of the relative position of the domains in 2-domain proteins based on diffuse x-ray scattering data] Pavlov MIu. **Dokl Akad Nauk SSSR** 1985;281(2):458-62 **(Rus)**

[Conformation characteristics of biopolymers] Varshavskiĭ IaM. **Mol Biol (Mosk)** 1985 Jan-Feb;19(1):230-47 (79 ref.) (Eng. Abstr.) **(Rus)**

[Relation between the optimum pH of protein immobilization and its isoelectric points] Liubinskiĭ GV. **Ukr Biokhim Zh** 1984 Jul-Aug;56(4):390-4 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

A novel method for encapsulation of macromolecules in liposomes. Shew RL, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):1-8

Activation of acute-phase responses by intrapreoptic injections of endogenous pyrogen in guinea pigs. Blatteis CM, et al. **Brain Res Bull** 1984 Jun;12(6):689-95

Differences in endogenous pyrogen fevers induced by iv and icv routes in rabbits. Stitt JT, et al. **J Appl Physiol** 1985 Aug;59(2):342-7

An efficient method for introducing macromolecules into living cells. Doxsey SJ, et al. **J Cell Biol** 1985 Jul; 101(1):19-27

No rise in glomerular filtration rate after protein load in severe liver disease [letter] Hirschberg R, et al. **Lancet** 1984 Nov 3;2(8410):1047-8

Targeting of daunorubicin by association with DNA or proteins: a review. Trouet A, et al. **Semin Oncol** 1984 Dec; 11(4 Suppl 3):64-72 (37 ref.)

[Pancreatic duct occlusion from the surgical viewpoint] Hollender LF. **Langenbecks Arch Chir** 1985;363(3):147-8 **(Ger)**

[Therapeutic pancreatic duct occlusion in chronic pancreatitis: clinical, exocrine and endocrine consequences in a 12 month follow-up study] Schneider MU, et al. **Langenbecks Arch Chir** 1985;363(3):149-63 (Eng. Abstr.) **(Ger)**

[Effect of long-term panodin treatment of patients with chronic bronchitis on peripheral blood leukocyte migration in vivo] Matusiewicz R, et al. **Pneumonol Pol** 1984 May; 52(5):245-9 (Eng. Abstr.) **(Pol)**

[Effect of long-term administration of panodin in the treatment of chronic bronchitis on the reactivity of peripheral blood granulocytes] Matusiewicz R, et al. **Wiad Lek** 1984 Oct 15;37(20):1569-72 (Eng. Abstr.) **(Pol)**

ADVERSE EFFECTS

Infections in neurosurgery: a randomized comparison between silk and polyglycolic acid. Blomstedt GC. **Acta Neurochir (Wien)** 1985;76(3-4):90-3

Nightly asthma caused by allergens in silk-filled bed quilts: clinical and immunologic studies. Johansson SG, et al. **J Allergy Clin Immunol** 1985 Apr;75(4):452-9

ANALYSIS

Non-collagen proteins of stapedial bone matrix in perilymph of otosclerotic patients. Gróf J, et al. **Acta Otolaryngol (Stockh)** 1985 May-Jun;99(5-6):557-63

Effect of hypokinesia and hypodynamia on protein, RNA, and DNA in rat hindlimb muscles. Steffen JM, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R728-32

The determination of molecular weights of biologically active proteins by cetyltrimethylammonium bromide-polyacrylamide gel electrophoresis. Akin DT, et al. **Anal Biochem** 1985 Feb 15;145(1):170-6

The mechanism of increased elution volume of proteins by polyethylene glycol. Arakawa T. **Anal Biochem** 1985 Jan; 144(1):267-8

Computer analysis of double-labeled two-dimensional electrophoresis gels. Bishop CW, et al. **Anal Biochem** 1985 Jul;148(1):133-48

Colorimetric micromethod for the determination of protein in solutions with silver ions and dithizone. Boratyński J. **Anal Biochem** 1985 Jul;148(1):213-9

Electrophoresis in the presence of Coomassie brilliant blue R-250 stains polyacrylamide gels during protein fractionation. Borejdo J, et al. **Anal Biochem** 1984 Jul; 140(1):84-6

Immunodetection with streptavidin-acid phosphatase complex on Western blots. Brower MS, et al. **Anal Biochem** 1985 Jun;147(2):382-6

A diffusion assay for detection and quantitation of methyl-esterified proteins on polyacrylamide gels. Chelsky D, et al. **Anal Biochem** 1984 Aug 15;141(1):143-8

A procedure for removal of interfering phospholipids in the separation and analysis of proteins. Christiansen K, et al. **Anal Biochem** 1985 Feb 15;145(1):63-6

Determination of the glucosidase-stimulating proteins by competitive enzyme-linked immunoassay. Datta SC, et al. **Anal Biochem** 1984 Oct;142(1):196-203

Peptide mapping of basic proteins by proteolysis in acetic acid/urea-minislab polyacrylamide gels. Davie JR. **Anal Biochem** 1985 Feb 1;144(2):522-6

Lowry method of protein quantification: evidence for photosensitivity. Dawson JM, et al. **Anal Biochem** 1984 Aug 1;140(2):391-3

Blotting intact immunoglobulins and other high-molecular-weight proteins after composite agarose-polyacrylamide gel electrophoresis. Elkon KB, et al. **Anal Biochem** 1984 Jul;140(1):208-13

Fluorescent monitoring of proteins during sodium dodecyl sulfate-polyacrylamide gel electrophoresis and Western blotting. Falk BW, et al. **Anal Biochem** 1985 Feb 1; 144(2):537-41

Protein quantitation at the picomole level: an O-phthaldialdehyde-preTSK column-derivatization assay. Fried VA, et al. **Anal Biochem** 1985 Apr;146(1):271-6

Identification of cysteine-containing peptides in protein digests by high-performance liquid chromatography. Fullmer CS. **Anal Biochem** 1984 Nov 1;142(2):336-9

Protein blotting in uniform or gradient electric fields. Gershoni JM, et al. **Anal Biochem** 1985 Jan;144(1):32-40

Microsequence analysis of peptides and proteins. V. Design and performance of a novel gas-liquid-solid phase instrument. Hawke DH, et al. **Anal Biochem** 1985 Jun; 147(2):315-30

Electrophoresis of proteins and nucleic acids on acrylamide-agarose gels lacking covalent crosslinking. Horowitz PM, et al. **Anal Biochem** 1984 Dec;143(2):333-40

Addition of proteins to the cylindrical gel embedding medium for transverse molecular-weight markers in two-dimensional gel electrophoresis. Hughes DW, et al. **Anal Biochem** 1984 Aug 1;140(2):320-5

High-resolution hydroxyapatite chromatography of proteins. John M, et al. **Anal Biochem** 1984 Sep;141(2):466-71

The determination of specific radioactivity of proteins eluted intact from polyacrylamide gels, utilizing a fluorescamine assay. Kilgore LL, et al. **Anal Biochem** 1985 Feb 15; 145(1):113-9

Quantification of attached cells in microtiter plates based on Coomassie brilliant blue G-250 staining of total cellular protein. Laughton C. **Anal Biochem** 1984 Aug 1; 140(2):417-23

Spectrophotometric estimation of protein concentration in the presence of tryptophan modified by 2-hydroxy-5-nitrobenzyl bromide. Malin EL, et al. **Anal Biochem** 1985 Feb 1;144(2):356-61

Quantitation of proteins on Coomassie blue-stained polyacrylamide gels based on spectrophotometric determination of electroeluted dye. Malloy JM, et al. **Anal Biochem** 1984 Sep;141(2):503-9

Use of cationic detergents for polyacrylamide gel electrophoresis in multiphasic buffer systems. Mócz G, et al. **Anal Biochem** 1984 Dec;143(2):283-92

Sensitive colloidal metal (gold or silver) staining of protein blots on nitrocellulose membranes. Moeremans M, et al. **Anal Biochem** 1985 Mar;145(2):315-21

The basis for colored silver-protein complex formation in stained polyacrylamide gels. Nielsen BL, et al. **Anal Biochem** 1984 Sep;141(2):311-5

Visible labeling of proteins for polyacrylamide gel electrophoresis with dabsyl chloride. Parkinson D, et al. **Anal Biochem** 1984 Aug 15;141(1):121-6

Quantitation of protein and DNA in silver-stained agarose gels. Peats S. **Anal Biochem** 1984 Jul;140(1):178-82

Electrophoretic transfer of proteins from fixed and stained gels. Phelps DS. **Anal Biochem** 1984 Sep;141(2):409-12

Adaptation of the dye-binding protein assay to microtiter plates. Redinbaugh MG, et al. **Anal Biochem** 1985 May 15;147(1):144-7

Computerized analysis of TV images for ultrasensitive monitoring of the reaction of fluorochrome with protein. Rees DD, et al. **Anal Biochem** 1985 Feb 1;144(2):461-8

Protein blotting: detection of proteins with colloidal gold, and of glycoproteins and lectins with biotin-conjugated and enzyme probes. Rohringer R, et al. **Anal Biochem** 1985 Jan;144(1):118-27

Protein quantitation of as low as 10-ng/ml concentrations by competitive binding to polystyrene latexes. Sandwick RK, et al. **Anal Biochem** 1985 May 15;147(1):210-6

A semi-automated protein assay for cell cultures. Shopsis C, et al. **Anal Biochem** 1984 Jul;140(1):104-7

Sources of error in estimating radioactivity in protein from cell cultures by liquid scintillation counting. Silverman JA, et al. **Anal Biochem** 1984 Sep;141(2):538-44

Calibration of prestained protein molecular weight standards for use in the 'Western' or enzyme-linked immunoelectrotransfer blot techniques. Tsang VC, et al. **Anal Biochem** 1984 Dec;143(2):304-7

New fluorogenic, photoactivable, heterobifunctional crosslinking thiol reagents. Ueno T, et al. **Anal Biochem** 1984 Jul;140(1):63-8

Protein diffusion coefficient measurements by laminar flow analysis: method and applications. Walters RR, et al. **Anal Biochem** 1984 Jul;140(1):190-5

Immunodetection of nitrocellulose-adhesive proteins at the nanogram level after trinitrophenyl modification. Wolff JM, et al. **Anal Biochem** 1985 Jun;147(2):396-400

Gel chromatography on a Sepharose 4B column: earlier elution of protein-sodium dodecyl sulfate complexes of low Stokes radii. Wong P, et al. **Anal Biochem** 1985 Apr; 146(1):191-8

Determination of tryptophan as the reduced derivative by acid hydrolysis and chromatography. Wong WS, et al. **Anal Biochem** 1984 Nov 15;143(1):62-70

pH-dependent binding analysis, a new and rapid method for isoelectric point estimation. Yang VC, et al. **Anal Biochem** 1985 May 15;147(1):148-55

Analysis of picogram quantities of protein in subnanoliter-size samples. Zawieja D, et al. **Anal Biochem** 1984 Oct;142(1):182-8

Isolation and characterization of cysteine-containing regions of proteins using 4-(aminosulfonyl)-7-fluoro-2,1,3-benzoxadiazole and high-performance liquid chromatography. Toyo'oka T, et al. **Anal Chem** 1985 Aug;57(9):1931-7

Determination of proteins and denaturation studies by flow injection with a nickel oxide electrode. Yuan CJ, et al. **Anal Chem** 1985 Jan;57(1):180-5

Differentiating interstitial fluid from cerebral spinal fluid [letter] Downey L, et al. **Anesthesiology** 1985 Jul;63(1):120

Mapping of proteins from cultured fibroblasts of synovial and subcutaneous origin by high resolution two-dimensional polyacrylamide gel electrophoresis. Glennås A, et al. **Ann Rheum Dis** 1985 May;44(5):302-6

The characterization and partial purification of hepatocyte proliferation factor. Schwarz LC, et al. **Ann Surg** 1985 Sep; 202(3):296-302

Immobilized E. coli alkaline phosphatase. Its properties, stability, and utility in studying the dephosphorylation of proteins. Basheeruddin K, et al. **Appl Biochem Biotechnol** 1985 Apr;11(2):133-40

A compilation of amino acid analyses of proteins. XIX. Residues per thousand residues—6. Kirschenbaum DM. **Appl Biochem Biotechnol** 1984 Oct-Dec;9(5-6):489-536

Lysosome-associated membrane proteins: characterization of LAMP-1 of macrophage P388 and mouse embryo 3T3 cultured cells. Chen JW, et al. **Arch Biochem Biophys** 1985 Jun;239(2):574-86

Identification of link proteins and a 116,000-Dalton matrix protein in canine meniscus. Fife RS. **Arch Biochem Biophys** 1985 Aug 1;240(2):682-8

Solid-phase protein and peptide sequencing using either 4-N,N-dimethylaminoazobenzene 4'-isothiocyanate or phenylisothiocyanate. Lu HS, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):48-62

Epidermal proteins. I. Differential extraction and quantitative polyacrylamide gel-electrophoretic analysis of basal spinous-cell proteins of neonatal mouse epidermis. Labib RS, et al. **Arch Dermatol Res** 1985;277(4):253-63

Pattern of protein profiles of reproductive organs after induced bilateral cryptorchidism in albino rats. Venkatarami Reddy K, et al. **Arch Int Physiol Biochim** 1985 May;93(1):25-32

Monoclonal antibody studies of alpha-keratin low-sulfur proteins. Hewish DR, et al. **Aust J Biol Sci** 1984; 37(1-2):17-23

Changes in ornithine transcarbamylase activity and protein level during perinatal period in rat liver. Effects of actinomycin D. Belbekouche M, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):780-8

Locating peptides generated by limited proteolysis in known protein sequences by means of computer search. Cameron G, et al. **Biochem Biophys Res Commun** 1984 Dec 28; 125(3):926-30

Molecular forms of atrial natriuretic polypeptides in mammalian tissues and plasma. Miyata A, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):248-55

Radioimmunoassay for alpha-human and rat atrial natriuretic polypeptide. Nakao K, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):815-21

Extracellular matrix proteins involved in bone induction are vitamin D dependent. Sampath TK, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):829-35

Atrial natriuretic factor in rat hypothalamus, atria and plasma: determination by specific radioimmunoassay. Tanaka I, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):663-8

Occurrence of the Y determinant on the N-glycosidic carbohydrate units of human gamma-seminoprotein. van Halbeek H, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):507-14

Induction of liver cytochrome P-450 in mice by warfarin. Comparison of warfarin-, phenobarbitone-, and cobalt-induced hepatic microsomal protein patterns by PAGE after partial purification on octyl-sepharose CL-4B. Kling L, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):85-91

The histidine-rich glycoprotein of serum has a domain rich in histidine, proline, and glycine that binds heme and metals. Morgan WT. **Biochemistry** 1985 Mar 12; 24(6):1496-501

Pupal and larval cuticle proteins of Drosophila melanogaster. Silvert DJ, et al. **Biochemistry** 1984 Nov 20;23(24):5767-74

Identification of a high-molecular-weight (greater than 400 000) protein in hyaline cartilage. Fife RS, et al. **Biochim Biophys Acta** 1984 Dec 20;802(3):506-14

Immunoreactive pancreatic colipase, lipase and phospholipase A2 in human plasma and urine from healthy individuals. Sternby B, et al. **Biochim Biophys Acta** 1984 Sep 11;789(2):164-9

Electrophoretic characterization of the protein and glycoprotein content of purified Kurloff cell cytosol. Landemore G, et al. **Biochimie** 1985 Feb;67(2):205-13

Determination of the protein content of crystals formed by Mastigocladus laminosus C-phycocyanin, Chroomonas spec. phycocyanin-645 and modified human fibrinogen using an improved Ficoll density gradient method. Bode W, et al. **Biol Chem Hoppe Seyler** 1985 Mar;366(3):287-95

Elastase-cathepsin G inhibitors eglin b and eglin c differ by a single Tyr----His substitution. A micro-method for the identification of amino-acid substitution. Chang JY, et al. **Biol Chem Hoppe Seyler** 1985 Mar;366(3):281-6

Isolation of two forms of an activator protein for the enzymic sphingomyelin degradation from human Gaucher spleen. Christomanou H, et al. **Biol Chem Hoppe Seyler** 1985 Mar; 366(3):245-56

Acidic cysteine proteinase inhibitor in seminal plasma. Minakata K, et al. **Biol Chem Hoppe Seyler** 1985 Jan; 366(1):15-8

Purification and characterization of a low molecular mass cysteine proteinase inhibitor from human amniotic fluid. Rohrlich ST, et al. **Biol Chem Hoppe Seyler** 1985 Feb; 366(2):147-55

Structural studies on cryptomonad biliprotein subunits. Two different alpha-subunits in Chroomonas phycocyanin-645 and Cryptomonas phycoerythrin-545. Sidler W, et al. **Biol Chem Hoppe Seyler** 1985 Mar;366(3):233-44

Comparison of media proteins from ovariectomized rat uteri following estrogen treatment. Komm BS, et al. **Biol Reprod** 1985 Mar;32(2):443-50

The detection and purification of a cat uterine secretory protein that is estrogen dependent (CUPED). Murray MK, et al. **Biol Reprod** 1985 Jun;32(5):1219-27

The immunocytochemical localization of a cat uterine protein that is estrogen dependent (CUPED). Murray MK, et al. **Biol Reprod** 1985 Jun;32(5):1229-35

Immunochemical localization of secretory antigens in the human epididymis and their association with spermatozoa. Tezón JG, et al. **Biol Reprod** 1985 Apr;32(3):591-7

A simple method of analyzing profiles in time-difference direct optical scanning gel chromatography. Grothusen JR, et al. **Biophys Chem** 1984 Nov;20(4):299-304

Quantitative analysis of nucleic acids, proteins, and viruses by Raman band deconvolution. Thomas GJ Jr, et al. **Biophys J** 1984 Dec;46(6):763-8

Electrolyte and protein levels in bovine tears. Maidment DC, et al. **Br Vet J** 1985 Mar-Apr;141(2):169-73

Clinical significance of bone morphogenetic activity in osteosarcoma. A study of 20 cases. Yoshikawa H, et al. **Cancer** 1985 Oct 1;56(7):1682-7

An analysis of nuclear and chromatin proteins in rat livers exhibiting hyperplastic growth induced by chemical carcinogens. Smith GJ, et al. **Cancer Biochem Biophys** 1985 Feb;7(4):291-9

Two-dimensional electrophoretic analysis of human prostatic fluid proteins. Guevara J Jr, et al. **Cancer Res** 1985 Apr; 45(4):1766-71

Molecular phenotyping of non-transformed and chemically transformed C3H10T1/2 mouse fibroblasts. Bradshaw TK, et al. **Cell Biol Int Rep** 1984 Nov;8(11):903-16

Studies on fresh water snails, specific intermediate hosts for schistosomiasis--III. Isolation of total proteins from chemically pretreated snails. Nabih I, et al. **Cell Mol Biol** 1985;31(4):309-12

Determination of proteins by using the color reaction with pyrocatechol violet-molybdenum(VI) complex. Fujita Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):4161-4

Two-dimensional electrophoresis protein mapping. **Clin Chem** 1984 Dec;30(12 Pt 1):1897-2108

Some perspectives on two-dimensional protein mapping. Anderson L, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1898-905

Global approaches to quantitative analysis of gene-expression patterns observed by use of two-dimensional gel electrophoresis. Anderson NL, et al. **Clin Chem** 1984 Dec; 30(12 Pt 1):2031-6

Two-dimensional electrophoresis of proteins from cultured human retinal-pigment epithelial cells: internal references, cataloging, and glycoproteins. Haley JE, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1906-13

Improved record keeping and photography of silver-stained two-dimensional electrophoretograms by way of 'XRD images'. Harrison HH. **Clin Chem** 1984 Dec;30(12 Pt 1):1981-4

Effect of heat and sodium dodecyl sulfate on solubilization of proteins before two-dimensional polyacrylamide gel electrophoresis. Hodges SC, et al. **Clin Chem** 1984 Dec; 30(12 Pt 1):2003-7

An approach to molecular analysis of T-cell clones by two-dimensional gel electrophoresis: is there interclonal and intraclonal heterogeneity? Kettman J, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1950-5

Electroimmunoassay precision improved by using an internal standard [letter] Lorier MA, et al. **Clin Chem** 1985 Apr; 31(4):647

Benzethonium chloride method for proteins adapted to centrifugal analysis. McDowell TL. **Clin Chem** 1985 Jun; 31(6):864-6

Two-dimensional electrophoretic analysis of cytosols from human breast tumors: optimal migration conditions. Motté P, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1947-9

Two-dimensional electrophoresis used to differentiate the causal agents of American tegumentary leishmaniasis. Saravia NG, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2048-52

Tissue proteins in breast cancer, as studied by use of two-dimensional electrophoresis. Stastny J, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1914-8

'Map' of proteins resolved from human chorionic villi by two-dimensional electrophoresis. Trnka PL, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2040-2

Systematic characterization of human prostatic fluid proteins with two-dimensional electrophoresis. Tsai YC, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2026-30

A metrological study of autoradiographs from two-dimensional gel electrophoresis. Valiron O, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1943-6

Glycosylation of nail in diabetics: possible marker of long-term hyperglycemia. Bakan E, et al. **Clin Chim Acta** 1985 Mar 30;147(1):1-5

Immunohistochemical localization of human liver specific protein using rabbit antisera and the avidin-biotin complex technique. Helin H, et al. **Clin Exp Immunol** 1985 Feb; 59(2):371-6

Immunochemical studies of serum, urine and calculus proteins in urolithiasis. Ibrahim AM, et al. **Clin Physiol Biochem** 1985;3(1):16-22

Measurement of proteoglycans, elastase, collagenase and protein in synovial fluid in inflammatory and degenerative arthropathies. Gysen P, et al. **Clin Rheumatol** 1985 Mar; 4(1):39-50

A comparison of body protein determination in rats by in vivo neutron activation and carcass analysis. Preston T, et al. **Clin Sci** 1985 Mar;68(3):349-55

Mosquito protein microassay. I. Protein determinations from small portions of single-mosquito homogenates. Brogdon WG. **Comp Biochem Physiol [B]** 1984;79(3):457-9

Mosquito protein microassay. II. Modification for potential field use. Brogdon WG. **Comp Biochem Physiol [B]** 1984; 79(3):461-4

Electrophoretic analysis of soluble proteins and esterase, superoxide dismutase and acid phosphatase isoenzymes of members of the protozoan family trichomonadidae. Gradus MS, et al. **Comp Biochem Physiol [B]** 1985;81(1):229-33

Proteins in the amniotic and allantoic fluids of fetal pigs. McKenna P. **Comp Biochem Physiol [B]** 1984;78(3):663-7

Quantitative analysis of two-dimensional electrophoretograms using shape-fitting. Tamura S, et al. **Comput Biol Med** 1985;15(3):123-32

Initiation factor eIF2 associated with non-polysomal poly(A)-containing messenger ribonucleoproteins of cryptobiotic gastrulae of Artemia salina. de Herdt E, et al. **Eur J Biochem** 1985 Sep 16;151(3):455-60

The primary structure of calf thymus glutaredoxin. Homology with the corresponding Escherichia coli protein but elongation at both ends and with an additional half-cystine/cysteine pair. Klintrot IM, et al. **Eur J Biochem** 1984 Nov 2;144(3):417-23

Quantification of proteins in tracheobronchoalveolar lavage fluid by isoelectric focusing and scanning densitometry. A methodological study on rats. Stelander M. **Eur J Respir Dis [Suppl]** 1984;138:1-134

Characterization of DNA-protein complexes from the mitochondria of Xenopus laevis oocytes. Barat M, et al. **Exp Cell Res** 1985 Mar;157(1):207-17

In vitro growth of adult amphibian (Xenopus laevis) hepatocytes and characterization of hepatocyte-proliferating activity in homologous serum. Kawahara A, et al. **Exp Cell Res** 1985 Aug;159(2):344-52

Taenia taeniaeformis: characterization of larval metabolic products and growth of host gastric cells in vitro. Rikihisa Y, et al. **Exp Parasitol** 1984 Dec;58(3):230-8

Partial sequence homology of human myc oncogene protein to beta and gamma crystallins. Crabbe MJ. **FEBS Lett** 1985 Feb 11;181(1):157-9

Sequence homologies among mitochondrial DNA-coded URF2, URF4 and URF5. Kikuno R, et al. **FEBS Lett** 1985 Sep 9;189(1):85-8

Amino acid sequence of the predominant basic protein in human seminal plasma. Lilja H, et al. **FEBS Lett** 1985 Mar 11;182(1):181-4

Increased content of natural ATPase inhibitor in tumor mitochondria. Luciaková K, et al. **FEBS Lett** 1984 Nov 5;177(1):85-8

Organ specificity of LSP [letter] Poralla T, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):219

Biliary proteins. Reuben A. **Hepatology** 1984 Sep-Oct;4(5 Suppl):46S-50S (76 ref.)

Further comments on the selectivity of Mercury Orange for protein thiols. Cowden RR, et al. **Histochem J** 1984 Nov; 16(11):1237-41

Quantitative analysis of collagen, protein and DNA in fixed, paraffin-embedded and sectioned tissue. Schwartz DE, et al. **Histochem J** 1985 Jun;17(6):655-63

Immunohistochemical localization of a protein fraction derived from rabbit renal papilla. Koeppen-Hagemann I, et al. **Histochemistry** 1984;81(5):457-64

Characterization of basic proteins of bull seminal plasma. Kemme M, et al. **Hoppe Seylers Z Physiol Chem** 1984 Oct; 365(10):1173-81

A rapid naphthol yellow S method for measuring the cellular protein content of anchorage cultures. Skehan P, et al. **In Vitro Cell Dev Biol** 1985 May;21(5):288-90

Biochemical & immunochemical analysis of liver specific protein. Panda SK, et al. **Indian J Med Res** 1985 Jan; 81:61-7

Effect of dietary protein composition on hepatic protein and enzymes (arginase tyrosine amino transferase and lactic dehydrogenase) in young rats. Gupta RD, et al. **Indian J Med Sci** 1984 Jun;38(6):109-13

Two-dimensional electrophoresis of proteins in various fractions of the human split ejaculate. Rui H, et al. **Int J Androl** 1984 Dec;7(6):509-20

Further studies on the extrusion of cytosol macromolecules by cultured chick embryo fibroblast cells. McIntosh AA, et al. **Int J Biochem** 1985;17(2):147-53

Preparation and characterization of antibodies to O-phosphotyrosine and their use for identification of phosphotyrosine-containing proteins. Ohtsuka M, et al. **Int J Cancer** 1984 Dec 15;34(6):855-61

Biochemical characterisation of Australian strains of Echinococcus granulosus by isoelectric focusing of soluble proteins. Kumaratilake LM, et al. **Int J Parasitol** 1984 Dec; 14(6):581-6

Nonlysozyme antibacterial factor in human tears. Fact or fiction? Janssen PT, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1156-60

Compositional analysis of proteins following hydrolysis by immobilized proteases. Church FC, et al. **J Appl Biochem** 1984 Aug;6(4):205-11

Fast and sensitive detection of protein and DNA bands by treatment with potassium permanganate. Ansorge W. **J Biochem Biophys Methods** 1985 May;11(1):13-20

Estimation of protein molecular weights by high performance molecular-sieve chromatography on agarose columns in sodium dodecyl sulphate solution. Eriksson KO. **J Biochem Biophys Methods** 1985 Aug;11(2-3):145-52

pH, urea and substrate gradients for the optimization of ultrathin polyacrylamide gel zymograms. Görg A, et al. **J Biochem Biophys Methods** 1985 Mar;10(5-6):341-50

Determination of protein absorption coefficients using a refractive index chromatographic monitor. Young NM. **J Biochem Biophys Methods** 1985 Mar;10(5-6):351-3

The amino acid sequence of Acanthamoeba profilin. Ampe C, et al. **J Biol Chem** 1985 Jan 25;260(2):834-40

1 alpha,25-Dihydroxyvitamin D-induced modification of a cytosolic protein in embryonic chick intestine. Bishop CW, et al. **J Biol Chem** 1985 May 10;260(9):5209-12

Monoclonal antibodies as probes for determining the microheterogeneity of the link proteins of cartilage proteoglycan. Caterson B, et al. **J Biol Chem** 1985 Sep 15;260(20):11348-56

Structure and assembly of the endoplasmic reticulum. Biosynthetic sorting of endoplasmic reticulum proteins. Lewis MJ, et al. **J Biol Chem** 1985 Jun 10;260(11):6926-31

The determination of molecular weight of proteins by gel permeation chromatography in organic solvents. Meredith SC. **J Biol Chem** 1984 Oct 10;259(19):11682-5

Proteins of demembraned mouse sperm heads. Characterization of a major sperm-unique component. Pruslin FH, et al. **J Biol Chem** 1985 May 10;260(9):5654-9

Primary structures of six antimicrobial peptides of rabbit peritoneal neutrophils. Selsted ME, et al. **J Biol Chem** 1985 Apr 25;260(8):4579-84

Purification and characterization of an inhibitor of the cysteine protease from the hemolymph of Sarcophaga peregrina larvae. Suzuki T, et al. **J Biol Chem** 1985 Apr 25;260(8):5115-20

Why does Coomassie Brilliant Blue R interact differently with different proteins? A partial answer. Tal M, et al. **J Biol Chem** 1985 Aug 25;260(18):9976-80

Identification of link proteins in canine synovial cell cultures and canine articular cartilage. Fife RS, et al. **J Cell Biol** 1985 Apr;100(4):1050-5

Application of reductive dihydroxypropylation of amino groups of proteins in primary structural studies: identification of phenylthiohydantoin derivative of epsilon-dihydroxypropyl-lysine residues by high-performance liquid chromatography. Acharya AS, et al. **J Chromatogr** 1984 Aug 3;297:37-48

Reversed-phase chromatography of proteins with diphenyl-silica column and hydro-organic eluents containing two organic solvents. Chang JP, et al. **J Chromatogr** 1985 Jan 4;318(1):11-21

Isotachophoresis of allergenic extracts. de Bruijn CH, et al. **J Chromatogr** 1985 Feb 22;320(1):205-11

Comparison of hydrophobic-interaction and reversed-phase chromatography of proteins. Fausnaugh JL, et al. **J Chromatogr** 1984 Dec 28;317:141-55

Rapid fluorescamine based protein assay usable in the presence of interfering substances. Horowitz PM. **J Chromatogr** 1985 Feb 20;319(3):446-9

General method for the separation of cyanogen bromide digests of proteins by high-performance liquid chromatography. Rabbit skeletal troponin I. Mant CT, et al. **J Chromatogr** 1985 Jun 19;326:349-56

Salt-mediated retention of proteins in hydrophobic-interaction chromatography. Application of solvophobic theory. Melander WR, et al. **J Chromatogr** 1984 Dec 28;317:67-85

High-performance hydrophobic-interaction chromatography on ether-bonded phases. Chromatographic characteristics and gradient optimization. Miller NT, et al. **J Chromatogr** 1985 Jun 19;326:45-61

Reversed-phase high-performance liquid chromatography of some ultra-heterogeneous and covalently-modified proteins from human hair. Said HM, et al. **J Chromatogr** 1985 May 17;324(1):65-73

Separation of the enkephalins from proteins in an aqueous medium by chromatofocusing. Shamoon JM, et al. **J Chromatogr** 1984 Nov 30;314:499-505

Microbore reversed-phase chromatography of proteins with conventional gradient equipment for high-performance liquid chromatography. van der Zee R, et al. **J Chromatogr** 1985 May 29;325(1):187-94

Laser nephelometric equivalence point titration for the measurements of specific proteins in turbid biological fluids. Hobler H, et al. **J Clin Chem Clin Biochem** 1985 Feb; 23(2):89-97

Characterization of exocoelomic fluid protein from rat conceptuses cultured in rat and human sera: a measure of yolk sac activity during organogenesis. Huxham IM, et al. **J Embryol Exp Morphol** 1984 Dec;84:203-15

Injury, nerve, and wound epidermis related electrophoretic and fluorographic protein patterns in forelimbs of adult newts. Garling DJ, et al. **J Exp Zool** 1984 Aug; 231(2):221-41

The detection of protein p30 in seminal stains by means of thin-layer immunoassay. Masibay AS, et al. **J Forensic Sci** 1984 Oct;29(4):1173-7

Methods and future prospects for forensic identification of hairs by electrophoresis. Marshall RC, et al. **J Forensic Sci Soc** 1985 Jan-Feb;25(1):57-66

A simple micromethod for collagen and total protein determination in formalin-fixed paraffin-embedded sections. López-De León A, et al. **J Histochem Cytochem** 1985 Aug;33(8):737-43

Determination of protein loss during aqueous and phase partition fixation using formalin and glutaraldehyde. Mays ET, et al. **J Histochem Cytochem** 1984 Oct;32(10):1107-12

A simple microplate assay for the determination of cellular protein. Baumgarten H. **J Immunol Methods** 1985 Sep 3; 82(1):25-37

A simple bioassay for monocyte-derived hepatocyte stimulating factor: increased synthesis of alpha 2-macroglobulin and reduced synthesis of albumin by cultured rat hepatocytes. Koj A, et al. **J Immunol Methods** 1985 Feb 11;76(2):317-27

Phosphorylated secretory proteins from rat epididymis and their androgenic control. Mongkolsirikieat S, et al. **J Reprod Fertil** 1984 Nov;72(2):423-8

A colorimetric assay of pancreatic lipase: rapid detection of lipase and colipase separated by gel filtration. Roberts J, et al. **Lipids** 1985 Jan;20(1):42-5

Changes in nucleic acid and protein content in nuclei of human cervical cells. Bhattacharya PK, et al. **Mech Ageing Dev** 1984 Oct 15;27(2):135-42

Poly(ADP-ribose) glycohydrolase and phosphodiesterases in the analysis of poly(ADP-ribosyl)ated proteins. Kidwell WR, et al. **Methods Enzymol** 1984;106:505-12

Quantification of protein-bound ADP-ribosyl and (ADP-ribosyl)n residues. Wielckens K, et al. **Methods Enzymol** 1984;106:472-82

Influence of dietary sodium on the natriuretic activity of atrial tissue. Pollock DM, et al. **Miner Electrolyte Metab** 1984;10(5):337-42

Solubility of protein fibers obtained from casein solutions and liquid two-phase water-casein-sodium alginate systems. Antonov YuA, et al. **Nahrung** 1985;29(1):39-47

Reactions of oxidized lipids with protein. Part 13. Autoxidation of hexanal in presence of nonlipidic components. Pokorný J, et al. **Nahrung** 1985;29(5):459-65

Thermodynamic compatibility of proteins in aqueous media. Part. I. Phase diagrams of some water--protein A--protein B systems. Polyakov VI, et al. **Nahrung** 1985;29(2):153-60

Studies on fish protein concentrate and fish meal from river Nile bolti fish (Tilapia nilotica). Zein GN, et al. **Nahrung** 1985;29(5).523-32

Structural identification of beta- and gamma-human atrial natriuretic polypeptides. Kangawa K, et al. **Nature** 1985 Jan 31-Feb 6;313(6001):397-400

Regional distribution of a novel pituitary protein (7B2) in the rat spinal cord: effect of neonatal capsaicin treatment and thoracic cord transection. Suzuki H, et al. **Neurosci Lett** 1985 Apr 9;55(2):151-6

Comparison of protein composition between schistosomula of Schistosoma japonicum and S. mansoni. Maeda S, et al. **Parasitology** 1984 Dec;89 (Pt 3):453-9

The analysis of human sweat proteins by isoelectric focusing. I. Sweat collection utilizing the macroduct system demonstrates the presence of previously unrecognized sex-related proteins. Sens DA, et al. **Pediatr Res** 1985 Aug; 19(8):873-8

Chemical studies of hamster vaginal discharge: effects of endocrine ablation and protein digestion on behaviorally active macromolecular fractions. Singer AG, et al. **Physiol Behav** 1984 Oct;33(4):639-43

Lumen formation and redistribution of inframembranous proteins during differentiation of ducts in the rat mammary gland. Dulbecco R, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5763-6

Identification and partial characterization of hepatocyte-stimulating factor from leukemia cell lines: comparison with interleukin 1. Woloski BM, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1443-7

Seasonal variations in rattlesnake venom proteins. Gregory VM, et al. **Proc West Pharmacol Soc** 1984;27:233-6

Computer prediction of protein surface features and antigenic determinants. Hopp T. **Prog Clin Biol Res** 1985; 172B:367-77

Sequence homologies of oncogene proteins: a critical review. Kanehisa M, et al. **Prog Clin Biol Res** 1985;172A:443-52

Qualitative analysis of Coomassie-blue-stained proteins from normal prostate, benign prostatic hypertrophy, or adenocarcinoma of the prostate, separated by two-dimensional protein electrophoresis. Anderson KM, et al. **Prostate** 1985;6(3):315-23

Identification of prostate and other cancers by two-dimensional protein electrophoresis. Anderson KM. **Prostate** 1985;6(1):101-16

Identification of surface proteins of juvenile stages of Fasciola hepatica. Lammas DA, et al. **Res Vet Sci** 1985 Mar; 38(2):248-9

Characterization of a carotenoprotein from the carapace of the crab Macropipus puber. Gómez R, et al. **Rev Esp Fisiol** 1984 Sep;40(3):319-23

Molecular weight determination by polyacrylamide gradient gel electrophoresis. Lambin P. **Rev Fr Transfus Immunohematol** 1984 Dec;27(6):691-703

Pancreatic proteins in normal state and pancreatic diseases in pancreatic juice and blood. Figarella C, et al. **Ric Clin Lab** 1984 Jul-Sep;14(3):349-59

The blood serum concentration of cystatin C (gamma-trace) as a measure of the glomerular filtration rate. Simonsen O, et al. **Scand J Clin Lab Invest** 1985 Apr;45(2):97-101

Enzyme activity and protein patterns as premalignant markers in mucosal biopsy specimens from the large intestine. Vatn MH, et al. **Scand J Gastroenterol [Suppl]** 1985;107:1-7

Estrogen-dependent Leydig cell protein recognized by monoclonal antibody to MCF-7 cell line. Ciocca DR, et al. **Science** 1984 Oct 26;226(4673):445-6

Correlated measurements of DNA, RNA, and protein in individual cells by flow cytometry. Crissman HA, et al. **Science** 1985 Jun 14;228(4705):1321-4

Contemporary methodology for protein structure determination. Hunkapiller MW, et al. **Science** 1984 Oct 19;226(4672):304-11 (58 ref.)

A model for the tertiary structure of p21, the product of the ras oncogene. McCormick F, et al. **Science** 1985 Oct 4;230(4721):78-82

Improvement in the specificity of the silver staining technique for AgNOR-associated acidic proteins in paraffin sections. Thiebaut F, et al. **Stain Technol** 1984 May;59(3):181-8

Sclerotin and lipid in the waterproofing of the insect cuticle. Wigglesworth VB. **Tissue Cell** 1985;17(2):227-48

Rapid cytotoxicity testing using a semi-automated protein determination on cultured cells. Shopsis C, et al. **Toxicol Lett** 1985 Jul;26(1):1-8

Characterization of ten proteins from the venom of the Moroccan scorpion Androctonus mauretanicus mauretanicus, six of which are toxic to the mouse. Røsso JP, et al. **Toxicon** 1985;23(1):113-25

Biochemistry of the sarcocyst of Sarcocystis fusiformis of buffalo Bubalus bubalis. Chaudhry RK, et al. **Vet Parasitol** 1985 Apr;17(4):295-8

The isolation and immunogenicity of the cuticle of Dipetalonema viteae (Filarioidea). Betschart B, et al. **Z Parasitenkd** 1985;71(1):87-95

[Comparative disc electrophoretic study of Paragonimus skrjabini and Paragonimus westermani] Liu JB. **Chung Hua I Hsueh Tsa Chih** 1985 Jan;65(1):44-6 **(Chi)**

[Analysis of aqueous humor proteins and amino acids in senile cataract] Ren XH. **Chung Hua Yen Ko Tsa Chih** 1984 Sep; 20(5):262-3 **(Chi)**

[Diagnostic value of electrophoresis of tear proteins] Liotet S, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):545-9 **(Fre)**

[Localization of the atrial natriuretic factor in rat cardiocytes] Ledoux S, et al. **Union Med Can** 1984 Aug;113(8):673-6 (Eng. Abstr.) **(Fre)**

[Differentiation of animal species of heat-sterilized meat using isoelectric focusing and subsequent silver staining] Dlabka A. **Berl Munch Tierarztl Wochenschr** 1985 Apr 1; 98(4):130-4 (Eng. Abstr.) **(Ger)**

[Electrophoresis of liver proteins from the rat under various physiological conditions] Leoni S, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31;60(8):1481-7 (Eng. Abstr.) **(Ita)**

[Histochemical demonstration of proteins, lipids and polysaccharides in Japanese monkey oocytes] Niimura S, et al. **Jikken Dobutsu** 1985 Jan;34(1):73-6 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of prostate-specific antigens (gamma-seminoprotein: gamma-Sm)--gamma-seminoprotein in serum measured by gamma-Sm monoclonal antibodies] Okabe T, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Feb;76(2):165-73 (Eng. Abstr.) **(Jpn)**

[Studies on prostate specific antigen, gamma-seminoprotein (gamma-Sm) as a tumor marker of prostatic cancer] Kamachi S, et al. **Rinsho Byori** 1984 Jul;32(7):781-5 **(Jpn)**

[Actin-regulatory proteins--regulators of cytoskeleton] Nishida E. **Seikagaku** 1984 Oct;56(10):1251-65 (87 ref.) **(Jpn)**

[An enzyme-probe method to detect structural changes in proteins] Ueno H. **Tanpakushitsu Kakusan Koso** 1984 Dec; 29(13):1477-85 (21 ref.) **(Jpn)**

[Comparison of cytoplasmic informosome proteins with RNA-binding proteins and translation initiation factors from rabbit reticulocytes.] Minich VB, et al. **Biokhimiia** 1985 Mar;50(3):465-74 (Eng. Abstr.) **(Rus)**

[Rate of lymph flow and the protein-electrolyte composition of the lymph from the thoracic duct in experimental acholia] Minnebaev MM, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):663-4 (Eng. Abstr.) **(Rus)**

[Immunosedimentation analysis of proteins] Vasileĭskiĭ SS, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):113-6 (Eng. Abstr.) **(Rus)**

[Analysis of polypeptides of virus-specific informosomes induced by tobacco mosaic virus and potato virus X] Dorokhov IuL, et al. **Mol Biol (Mosk)** 1984 Jul-Aug; 18(4):1001-10 (Eng. Abstr.) **(Rus)**

[Quantitative determination of total mitochondrial protein with Coomassie] Aliverdieva DA, et al. **Prikl Biokhim Mikrobiol** 1984 Nov-Dec;20(6):823-30 (Eng. Abstr.) **(Rus)**

[Fractional and amino acid composition of krill proteins and the potential for obtaining protein preparations] Orlova TA, et al. **Vopr Pitan** 1985 Jan-Feb;(1):62-5 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Regulation of rat liver microsomal squalene epoxidase: inactivation of the supernatant protein factor by nucleotides. Senjo M, et al. **Arch Biochem Biophys** 1985 May 1;238(2):584-7

Indirect inactivation of rabbit reticulocyte initiation factor eIF-2 by helenalin and bis(helenalinyl) malonate. Williams WL Jr, et al. **Biochemistry** 1984 Nov 6;23(23):5637-44

Inhibition of pancreatic colipase by antibodies and Fab fragments. Selective effects of two fractions of antibodies on the functional sites of the cofactor. Bosc-Bierne I, et al. **Biochim Biophys Acta** 1985 Feb 4;827(2):109-18

Inhibition of protein reabsorption in the renal proximal tubule by basic amino acids. Ottosen PD, et al. **Renal Physiol** 1985; 8(2):90-9

[Inhibition of the activity of tumor degenerating factor by fibronectin] Imanishi J, et al. **C R Soc Biol (Paris)** 1984; 178(3):317-20 (Eng. Abstr.) **(Fre)**

BIOSYNTHESIS

Hormonal control of protein synthesis in chick chondrocytes: a comparison of effects of insulin, somatomedin C and triiodothyronine. Kemp SF, et al. **Acta Endocrinol (Copenh)** 1984 Oct;107(2):179-84

Hormonal and non-hormonal protein biosynthesis in the pancreatic beta cell of the intact rat after prolonged hyperglycaemia. Logothetopoulos J, et al. **Acta Endocrinol (Copenh)** 1984 Nov;107(3):382-9

Breakdown of proteins from mouse liver subcellular fractions. Effect of nutritional changes. Pucciarelli MG, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(2):185-91

The influence of 1-(N-L-tryptophan)-1-deoxy-D-fructose [Fru-Trp] and its N-nitrosated analogue [NO-Fru-Trp] on the viability and intracellular synthetic activity (DNA, RNA, and protein synthesis) of HeLa S3-carcinoma cells. Gruenwedel DW, et al. **Adv Exp Med Biol** 1984;177:269-85

Nutritional control of protein synthesis. Studies relating to tryptophan-induced stimulation of nucleocytoplasmic translocation of mRNA in rat liver. Sidransky H, et al. **Am J Pathol** 1984 Nov;117(2):298-309

Aldosterone-induced proteins: characterization using lectin-affinity chromatography. Blazer-Yost B, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):C215-25

Inhibition of hexose transport in adipocytes by dexamethasone: role of protein synthesis. Carter-Su C, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):E215-23

[3H]tryptophan-[14C]proline dual label method for the simultaneous determination of collagen and noncollagen protein production. Flaherty M, et al. **Anal Biochem** 1984 Nov 1;142(2):386-94

Direct application of radioiodinated aminoacyl tRNA for radiolabeling nascent proteins. Scherberg NH, et al. **Anal Biochem** 1985 Jun;147(2):503-10

Fine structure and protein biosynthesis of the rat seminal vesicles under experimental conditions. König M, et al. **Andrologia** 1985 Jan-Feb;17(1):54-63

Modulation of hepatocyte protein synthesis by endotoxin-activated Kupffer cells. III. Evidence for the role of a monokine similar to but not identical with interleukin-1. Keller GA, et al. **Ann Surg** 1985 Apr; 201(4):436-43

Modulation of hepatocyte protein synthesis by endotoxin-activated Kupffer cells. II. Mediation by soluble transferrable factors. Keller GA, et al. **Ann Surg** 1985 Apr; 201(4):429-35

Multiple systems organ failure. Modulation of hepatocyte protein synthesis by endotoxin activated Kupffer cells. Keller GA, et al. **Ann Surg** 1985 Jan;201(1):87-95

Eukaryotic protein synthesis. Moldave K. **Annu Rev Biochem** 1985;54:1109-49 (517 ref.)

Detection and quantitation of T-2 mycotoxin with a simplified protein synthesis inhibition assay. Thompson WL, et al. **Appl Environ Microbiol** 1984 Dec;48(6):1176-80

Calmodulin-stimulated protein methylation in rat liver cytosol. Siegel FL, et al. **Arch Biochem Biophys** 1985 Mar; 237(2):347-53

A radioautographic study of the effect of age on the protein-synthetic and bone-deposition activity in interparietal sutures of male white mice. Yen EH, et al. **Arch Oral Biol** 1984;29(12):1041-7

Modulation of hepatocyte protein synthesis during co-cultivation with macrophage-rich peritoneal cells in vitro. Keller GA, et al. **Arch Surg** 1985 Feb;120(2):180-6

Lesion regression and protein synthesis in rabbits after removal of dietary cholesterol. Langner RO, et al. **Arteriosclerosis** 1985 Jan-Feb;5(1):74-9

Effect of removal of atherogenic diet on protein synthesis and cholesterol retention in rabbit aorta and lung. Gilligan JP, et al. **Atherosclerosis** 1985 Jan;54(1):1-10

Microsomal protein synthesis and induction of cytochrome P-450 in cirrhotic rat liver. Farrell GC, et al. **Aust J Exp Biol Med Sci** 1984 Jun;62 (Pt 3):291-301

Effect of Pseudomonas aeruginosa exotoxin-A on the synthesis and secretion of proteins in isolated rat pancreatic acini. Geokas MC, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):198-204

Requirements for in vitro reconstruction of protein synthesis. Green RH, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):792-8

Prostaglandin E2 stimulates collagen and non-collagen protein synthesis and prolyl hydroxylase activity in osteoblastic clone MC3T3-E1 cells. Hakeda Y, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):340-5

The effect of long-term inhibition of mitochondrial protein synthesis on the oxidation capacity of mitochondria for NADH-linked substrates. Kroon AM, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1190-5

Tunicamycin prevents stimulation of protein synthesis by branched chain amino acids in isolated rat muscles. Pryor JC, et al. **Biochem Biophys Res Commun** 1984 Nov 30; 125(1):149-56

Effects of K+ concentration on inhibition of protein synthesis by trimer and tetramer triphosphates of 2',5'-oligoadenylates in rabbit reticulocyte lysates. Wu JM, et al. **Biochem Biophys Res Commun** 1985 Jul 31; 130(2):821-7

Rapid increase of profilin-like proteins during liver development. Kishimoto R, et al. **Biochem Int** 1984 Aug; 9(2):153-60

Hormonal induction of specific protein synthesis in murine Leydig tumor cells. Melner MH, et al. **Biochem Int** 1985 May;10(5):763-70

Nicotine-stimulated proteins in mouse cells are distinct from heat-shock proteins. Hunt LA, et al. **Biochem J** 1984 Nov 15;224(1):87-92

The relation of protein synthesis to chondroitin sulphate biosynthesis in cultured bovine cartilage. McQuillan DJ, et al. **Biochem J** 1984 Dec 15;224(3):977-88

Heating RNA before cell-free translation is essential for the efficient and reproducible synthesis of several peroxisomal proteins. Mortensen RM, et al. **Biochem J** 1984 Oct 15; 223(2):547-50

Comparison of different techniques for estimating rates of protein synthesis in vivo in healthy and bacteraemic rats. Pomposelli JJ, et al. **Biochem J** 1985 Feb 15;226(1):37-42

Regional variation and differential sensitivity of rat heart protein synthesis in vivo and in vitro. Preedy VR, et al. **Biochem J** 1985 Jan 15;225(2):487-92

The effects of 6 hours of hypoxia on protein synthesis in rat tissues in vivo and in vitro. Preedy VR, et al. **Biochem J** 1985 May 15;228(1):179-85

The effect of glucagon administration on protein synthesis in skeletal muscles, heart and liver in vivo. Preedy VR, et al. **Biochem J** 1985 Jun 15;228(3):575-81

The effect of indomethacin on the stimulation of protein synthesis by insulin in young post-absorptive rats. Reeds PJ, et al. **Biochem J** 1985 Apr 1;227(1):255-61

Protein synthesis in rat tissues during lactation. No effect of diethyl ether anaesthesia. Sampson DA, et al. **Biochem J** 1984 Dec 1;224(2):681-3

Role of protein synthesis in the carbohydrate-induced changes in the activities of acetyl-CoA carboxylase and hydroxymethylglutaryl-CoA reductase in cultured rat hepatocytes. Spence JT, et al. **Biochem J** 1985 May 1; 227(3):939-47

Lipid peroxidation, protein synthesis, and protection by calcium EDTA in paracetamol injury to isolated hepatocytes. Beales D, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):19-23

Inhibition of Trypanosoma brucei brucei peptidyl transferase activity by sparsomycin analogs and effects on trypanosome protein synthesis and proliferation. Bitonti AJ, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3055-60

Effect of ethanol metabolism on initiation of protein synthesis in rat hepatocytes. Harbitz I, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3465-70

Differential inhibition by T-2 toxin of total protein, DNA and isoprenoid synthesis in the culture macrophage cell line J774. Melmed RN, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2809-12

Protein synthesis by hepatic mitochondria isolated from carbon tetrachloride-exposed rats. De Wit RH, et al. **Biochim Biophys Acta** 1985 Mar 20;824(3):256-61

The effect of aging on cell-free protein synthesis in the free-living nematode Turbatrix aceti. Egilmez NK, et al. **Biochim Biophys Acta** 1985 Jul 5;840(3):355-63

Preliminary studies on the induction of a 120 000 molecular weight protein in resident peritoneal macrophages by arachidonic acid. Lokesh BR, et al. **Biochim Biophys Acta** 1984 Dec 11;805(4):362-9

Regulation of protein synthesis in eukaryotes. Eukaryotic initiation factor eIF-2 and eukaryotic recycling factor eRF from neuroblastoma cells. Salimans M, et al. **Biochim Biophys Acta** 1985 Aug 21;825(4):384-92

The effect of serum deprivation on the initiation of protein synthesis in mouse neuroblastoma cells. Salimans MM, et al. **Biochim Biophys Acta** 1985 Jan 29;824(1):16-26

Action of polyamines on ribonucleic acid and protein synthesis during ontogeny of human fetal liver. Choudhury I, et al. **Biol Neonate** 1984;46(5):209-14

Identification of androgen-induced proteins in human epididymis. Tezón JG, et al. **Biol Reprod** 1985 Apr; 32(3):584-90

Phenotypic heterogeneity among stromal cell lines from mouse bone marrow disclosed in their extracellular matrix composition and interactions with normal and leukemic cells. Zipori D, et al. **Blood** 1985 Aug;66(2):447-55

Whole body and tissue fractional protein synthesis in the ovine fetus in utero. Schaefer AL, et al. **Br J Nutr** 1984 Sep;52(2):359-69

Microbial protein synthesis in cattle given roughage-concentrate and all-concentrate diets: the use of 2,6-diaminopimelic acid, 2-aminoethylphosphonic acid and 35S as markers. Whitelaw FG, et al. **Br J Nutr** 1984 Sep;52(2):249-60

Selective focal inhibition of brain protein synthesis during generalized bicuculline seizures in newborn marmoset monkeys. Dwyer BE, et al. **Brain Res** 1984 Aug 6; 308(1):109-21

Synthesis of acid phosphatase and other proteins by human prostatic tissue in vitro. Dubé JY, et al. **Can J Biochem Cell Biol** 1984 Jul;62(7):555-8

4,6-Benzylidene-D-glucose, a benzaldehyde derivative that inhibits protein synthesis but not mitosis of NHIK 3025 cells. Pettersen EO, et al. **Cancer Res** 1985 May; 45(5):2085-91

Hyperthermia and human leukocyte functions: DNA, RNA, and total protein synthesis after exposure to less than 41 degrees or greater than 42.5 degrees hyperthermia. Roberts NJ Jr, et al. **Cancer Res** 1985 Jul;45(7):3076-82

Translational regulation of protein synthesis, in response to light, at a critical stage of Volvox development. Kirk MM, et al. **Cell** 1985 Jun;41(2):419-28

Effect of lymphokines on the production of cytostatic protein factors from human monocytes. Kildahl-Andersen O, et al. **Cell Immunol** 1984 Dec;89(2):365-75

Protein synthesis in dorsal, ventral, animal and vegetal half-embryos of Xenopus laevis isolated at the 8-cell stage. Shiokawa K, et al. **Cell Struct Funct** 1984 Dec;9(4):369-80

Protein-pattern changes and morphological effects due to methionine starvation or treatment with 5-azacytidine of the phorbol-ester-sensitive cell lines HL-60, CCL-119, and U-937. Anderson NL, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1956-64

Changes in the expression of hepatocyte protein gene-products associated with adaptation of cells to primary culture. Colbert RA, et al. **Clin Chem** 1984 Dec; 30(12 Pt 1):2053-8

Two-dimensional gel pattern of proteins synthesized de novo in lymphoid organs of the mouse. Pluschke G, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2043-7

Advantages of separations on 'giant' two-dimensional gels for detection of physiologically relevant changes in the expression of protein gene-products. Young DA. **Clin Chem** 1984 Dec;30(12 Pt 1):2104-8

Apparent compartmentation of body nitrogen in one human subject: its consequences in measuring the rate of whole-body protein synthesis with 15N. Fern EB, et al. **Clin Sci** 1985 Mar;68(3):271-82

The effects of chronic metabolic acidosis on patterns of protein synthesis in rat renal cortex. Haas MJ, et al. **Comp Biochem Physiol [B]** 1984;79(2):187-94

Effects of anti-albumin sera on the synthesis and secretion of soluble proteins by monolayers of hepatocytes. Silove M, et al. **Comp Biochem Physiol** [B] 1985;81(2):505-8

Differential biosynthesis of proteins in separated gastric mucosal cells. Trotman CN, et al. **Comp Biochem Physiol** [B] 1984;79(4):583-7

Induction of metal-binding proteins by zinc is accompanied by reduction of other proteins including antibodies. Cenini P. **Comp Biochem Physiol** [C] 1985;81(1):213-7

Does lead exposure influence liver protein synthesis in rats? Nicholls DM, et al. **Comp Biochem Physiol** [C] 1984; 78(2):403-8

Developmental time, cell lineage, and environment regulate the newly synthesized proteins in sea urchin embryos. Pittman D, et al. **Dev Biol** 1984 Nov;106(1):236-42

Quantitative changes in protein synthesis during oogenesis in Xenopus laevis. Taylor MA, et al. **Dev Biol** 1985 Jul; 110(1):230-7

Multiple levels of regulation of protein synthesis at fertilization in sea urchin eggs. Winkler MM, et al. **Dev Biol** 1985 Feb;107(2):290-300

Selective induction of stalk-cell-specific proteins in Dictyostelium. Kopachik WJ, et al. **Differentiation** 1985; 28(3):209-16

A leader peptide is sufficient to direct mitochondrial import of a chimeric protein. Horwich AL, et al. **EMBO J** 1985 May;4(5):1129-35

A novel in vitro transcription-translation system: accurate and efficient synthesis of single proteins from cloned DNA sequences. Stueber D, et al. **EMBO J** 1984 Dec 20; 3(13):3143-8

Protein synthesis requirement for acute ACTH stimulation of adrenal corticosteroidogenesis. Pon LA, et al. **Endocr Res** 1984-85;10(3-4):585-90

Effect of sodium vanadate on deoxyribonucleic acid and protein syntheses in cultured rat calvariae. Canalis E. **Endocrinology** 1985 Mar;116(3):855-62

Aortic pressure, substrate utilization and protein synthesis. Morgan HE, et al. **Eur Heart J** 1984 Dec;5 Suppl F:141-6

Insulin-stimulated protein synthesis in adipocytes. Enhanced rate of initiation associated with increased phosphorylation of ribosomal protein S6. Hansson A, et al. **Eur J Biochem** 1985 Aug 15;151(1):97-100

Thyrotropin modifies the synthesis of actin and other proteins during thyroid cell culture. Passareiro H, et al. **Eur J Biochem** 1985 Mar 1;147(2):263-72

Regulation of protein synthesis in eukaryotes. Mode of action of eRF, an eIF-2-recycling factor from rabbit reticulocytes involved in GDP/GTP exchange. Salimans M, et al. **Eur J Biochem** 1984 Nov 15;145(1):91-8

Evaluation of an in vitro method for the study of hepatic protein synthesis in liver ischemia. Fornander J, et al. **Eur Surg Res** 1985;17(2):91-100

Changes of protein synthesis in liver tissue following ligation of hepatic artery or portal vein in rats. Fornander J, et al. **Eur Surg Res** 1985;17(2):101-8

Immunofluorescence studies on cartilage matrix synthesis. The synthesis of link protein, chondroitin sulfate proteoglycan monomer and type II collagen. Vertel BM, et al. **Exp Cell Res** 1985 Jun;158(2):423-32

Effect of dexamethasone on the synthesis of specific proteins in fetal rabbit lung in vivo and in organ culture. Phelps DS, et al. **Exp Lung Res** 1984;7(3-4):195-210

Soluble factors of protein synthesis in rat liver during the acute-phase reaction. Cajone F, et al. **Exp Mol Pathol** 1985 Aug;43(1):56-63

Halomethane-induced inhibition of protein synthesis in isolated hepatocytes. Hegarty JM, et al. **Exp Mol Pathol** 1984 Dec;41(3):331-7

Analysis of translation products synthesized in isolated rat hepatocytes treated with diethylnitrosamine. Delpino A, et al. **Experientia** 1984 Dec 15;40(12):1377-9

Incorporation of isoleucine into protein by a soluble fraction from spermatozoa. Hashizume S. **FEBS Lett** 1985 May 6; 184(1):44-7

Introns, protein syntheses and aging. Picard-Bennoun M. **FEBS Lett** 1985 May 6;184(1):1-5

Third International Symposium on 'Molecular Interactions in Biological Systems' 'Eukaryotic Ribosomes and Biosynthesis of Proteins'. Summary of the Symposium held in Berlin-Buch, GDR, on 22-25 October, 1984. Stahl J, et al. **FEBS Lett** 1985 Apr 8;183(1):1-6

Inhibition of protein synthesis in mice by ochratoxin A and its prevention by phenylalanine. Creppy EE, et al. **Food Chem Toxicol** 1984 Nov;22(11):883-6

A comparison of the effects of tumor promoters 12-O-tetradecanoylphorbol-13-acetate and teleocidin on gene expression in human skin cell fibroblasts. Bazill G, et al. **Gann** 1984 Aug;75(8):672-80

The effects of synthetic locust adipokinetic hormone on dispersed locust fat body cell preparations: cAMP induction, lipid mobilization, and inhibition of protein synthesis. Asher C, et al. **Gen Comp Endocrinol** 1984 Aug; 55(2):167-73

The effects of estradiol and triiodothyronine on protein synthesis by hepatocytes of juvenile coho salmon (Oncorhynchus kisutch). Bhattacharya S, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):103-9

In vivo and in vitro effects of growth hormone on the incorporation of [14C]leucine into protein of liver and muscle of the eel. Inui Y, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):295–300

Effect of acute maternal starvation on tyrosine metabolism and protein synthesis in fetal sheep. Krishnamurti CR, et al. **Growth** 1984 Winter;48(4):391–403

Production of two distinct and independent hepatic immunoregulatory molecules by the perfused rat liver. Chisari FV, et al. **Hepatology** 1985 Sep–Oct;5(5):735–43

Acetaldehyde stimulates collagen and noncollagen protein production by human fibroblasts. Holt K, et al. **Hepatology** 1984 Sep–Oct;4(5):843–8

Amino acid uptake and protein synthesis in rat testes: stimulation by dissociable factors. Spritzer PM, et al. **Horm Metab Res** 1985 May;17(5):237–40

EL-4 and macrophages: generation of chemotactic monokines. Jutila M, et al. **Immunol Lett** 1984;8(3):137–42

Allogeneic lymphocyte stimulation in rabbits: induction of a low MW inhibitor for trypsin and for a concurrently induced alpha-macroglobulin-proteinase complex. Ganea D, et al. **Immunology** 1985 Jul;55(3):437–46

Synthesis and secretion of proteins in vitro by isolated epithelial strips from the proximal and distal vas deferens of the rat. Wenstrom JC, et al. **Int J Androl** 1984 Jun;7(3):215–35

The effect of lactation on the fractional synthetic rate of protein in the liver and muscle of rats. Siebrits F, et al. **Int J Biochem** 1985;17(6):731–2

Protein synthesis, thermotolerance and step down heating. Hahn GM, et al. **Int J Radiat Oncol Biol Phys** 1985 Jan;11(1):159–64

Gentamicin administered in vivo reduces protein synthesis in microsomes subsequently isolated from rat kidneys but not from rat brains. Buss WC, et al. **J Antimicrob Chemother** 1985 Jun;15(6):715–21

Inhibition of mammalian microsomal protein synthesis by aminoglycoside antibiotics. Buss WC, et al. **J Antimicrob Chemother** 1984 Sep;14(3):231–41

Inhibitory effects of gentamicin and ethacrynic acid on mammalian microsomal protein synthesis. Buss WC, et al. **J Antimicrob Chemother** 1985 Jan;15(1):105–13

'Impermeant' inhibitors of protein synthesis do not affect virally-infected cells as a result of a permeability change. Gray MA, et al. **J Antimicrob Chemother** 1984 Aug;14 Suppl A:107–10

Effects of bleomycin on 14C-proline uptake, its incorporation into proteins and hydroxylation in collagenous proteins of hamster lung slices. Giri SN, et al. **J Appl Toxicol** 1985 Apr;5(2):89–93

Protein and nucleic acid synthesis during synchronized growth of Plasmodium falciparum. Gritzmacher CA, et al. **J Bacteriol** 1984 Dec;160(3):1165–7

Heterogeneity of free valine pools for protein synthesis on free and membrane-bound polysomes in rat liver. Oshita T, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):651–7

Protein synthesis in rabbit reticulocytes. A study of the roles of Co-eIF-2, Co-eIF-2A80, and GDP in peptide chain initiation. Bagchi MK, et al. **J Biol Chem** 1985 Jun 10;260(11):6950–4

Protein synthesis in rabbit reticulocytes. Purification and properties of an Mr 80,000 polypeptide (Co-eIF-2A80) with Co-eIF-2A activity. Chakravarty I, et al. **J Biol Chem** 1985 Jun 10;260(11):6945–9

Bovine mitochondrial ribosomes. Elongation factor specificity. Eberly SL, et al. **J Biol Chem** 1985 Jul 25;260(15):8721–5

Cordycepin analogs of ppp5'A2'p5'A2'p5'A (2–5A) inhibit protein synthesis through activation of the 2–5A-dependent endonuclease. Eppstein DA, et al. **J Biol Chem** 1985 Mar 25;260(6):3666–71

Superinduction of cytochrome P1–450 gene transcription by inhibition of protein synthesis in wild type and variant mouse hepatoma cells. Israel DI, et al. **J Biol Chem** 1985 May 10;260(9):5648–53

Interferon-induced proteins. Purification and characterization of a 15,000-dalton protein from human and bovine cells induced by interferon. Korant BD, et al. **J Biol Chem** 1984 Dec 10;259(23):14835–9

Growth factor- and dexamethasone-induced proteins in Swiss 3T3 cells. Relationship to DNA synthesis. Levenson R, et al. **J Biol Chem** 1985 Jul 5;260(13):8056–63

Structure and assembly of the endoplasmic reticulum. The synthesis of three major endoplasmic reticulum proteins during lipopolysaccharide-induced differentiation of murine lymphocytes. Lewis MJ, et al. **J Biol Chem** 1985 Mar 10;260(5):3050–7

Synthesis of unique low molecular weight proteins during late G2 and mitosis. Westwood JT, et al. **J Biol Chem** 1985 Jan 25;260(2):695–8

Effect of viral infection on host protein synthesis and mRNA association with the cytoplasmic cytoskeletal structure. Bonneau AM, et al. **J Cell Biol** 1985 Apr;100(4):1209–18

Elongation arrest is not a prerequisite for secretory protein translocation across the microsomal membrane. Siegel V, et al. **J Cell Biol** 1985 Jun;100(6):1913–21

Protein synthesis in differentiating normal and leukemic erythroid cells. Adkins B, et al. **J Cell Physiol** 1985 May;123(2):269–76

Superinduction by cycloheximide of mitogen-induced secreted proteins produced by Balb/c 3T3 cells. Hamilton RT, et al. **J Cell Physiol** 1985 May;123(2):201–8

A comparison of protein synthetic patterns of MDCK cells grown in serum and hormonally defined serum-free medium. Jefferson DM, et al. **J Cell Physiol** 1985 Apr;123(1):126–31

Transport by the (Na+,K+) ATPase: modulation by differentiation inducers and inhibition of protein synthesis in the MDCK kidney epithelial cell line. Kennedy BG, et al. **J Cell Physiol** 1985 Jun;123(3):410–6

Effects of inhibitors of protein degradation on the rate of protein synthesis in Chinese hamster ovary cells. Scornik OA. **J Cell Physiol** 1984 Oct;121(1):257–62

Acute effects of testicular and adrenal cortical blockade on protein synthesis and dihydrotestosterone content of human prostate tissue. Liu J, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):129–33

Effect of tamoxifen on stromal protein synthesis in the human prostate. Liu J, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):710–3

Human leukocytic pyrogen test for detection of pyrogenic material in growth hormone produced by recombinant Escherichia coli. Dinarello CA, et al. **J Clin Microbiol** 1984 Sep;20(3):323–9

Gangliosides stimulate protein synthesis, growth, and axon number of regenerating limb buds. Maier CE, et al. **J Comp Neurol** 1984 Dec 10;230(3):459–64

Appearance of dentin gamma-carboxyglutamic acid-containing proteins in developing rat molars in vitro. Finkelman RD, et al. **J Dent Res** 1985 Jul;64(7):1008–15

Adrenal/parathyroid regulation of DNA, collagen and protein synthesis in rat epiphysial cartilage and bone. Russell JE, et al. **J Endocrinol** 1984 Oct;103(1):49–57

Ultrastructural morphology and evidence of iodide uptake and protein synthesis in normal human thyroid transplants in nude mice. Smeds S, et al. **J Endocrinol Invest** 1984 Dec;7(6):569–78

Pretranslational modulation of acute phase hepatic protein synthesis by murine recombinant interleukin 1 (IL-1) and purified human IL-1. Ramadori G, et al. **J Exp Med** 1985 Sep 1;162(3):930–42

Isolation of Daudi cells with reduced sensitivity to interferon. III. Interferon-induced proteins in relation to the phenotype of interferon resistance. Dron M, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):787–95

Evidence that IFN-alph/beta induces two antiviral states active against different viruses. Rose JM, et al. **J Gen Virol** 1985 May;66 (Pt 5):1153–8

Interferon induction by viruses. XII. Inhibition of protein synthesis renders aged chick embryo cells refractory to interferon induction. Svitlik C, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):883–6

Suppression of Ag-induced release of EP (IL 1) by spleen cells of specifically desensitized donors: evidence for the role of a suppressor cell. Atkins E, et al. **J Immunol** 1985 Apr;134(4):2436–43

Production of an endogenous pyrogen by glomerular mesangial cells. Lovett DH, et al. **J Immunol** 1985 Feb;134(2):670–2

Natural killer (NK) cell activating factor released from murine thymocytes stimulated with an anti-tumor streptococcal preparation, OK-432. Shitara K, et al. **J Immunol** 1985 Feb;134(2):1039–47

Induction of the synthesis of triton-soluble proteins in human keratinocytes by gamma interferon. Morhenn VB, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):27s–29s

Role of hyperthermia in effects of electroconvulsive shock on protein synthesis in the rabbit. Nowak TS Jr. **J Neurochem** 1985 Apr;44(4):1321–5

Characterization of tissue-derived macromolecules affecting transmitter synthesis in rat spinal cord neurons. Kaufman LM, et al. **J Neurosci** 1985 Jan;5(1):160–6

Effect of dietary restriction on liver protein synthesis in rats. Birchenall-Sparks MC, et al. **J Nutr** 1985 Jul;115(7):944–50

Changes in response to ascorbic acid administered orally to rat pups: lung collagen, elastin and protein synthesis. Critchfield JW, et al. **J Nutr** 1985 Jan;115(1):70–7

Manganese action on protein synthesis in diabetic rat pancreas: evidence for a possible physiological role. Korc M. **J Nutr** 1984 Nov;114(11):2119–26

Effect of zinc deficiency on methionine metabolism, methylation reactions and protein synthesis in isolated perfused rat liver. Wallwork JC, et al. **J Nutr** 1985 Feb;115(2):252–62

Macromolecular synthesis in Leishmania donovani amastigotes. Mukkada AJ. **J Parasitol** 1985 Jun;71(3):365–6

Dietary regulation of protein synthesis in the exocrine pancreas. Lahaie RG. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S43–50 (51 ref.)

The effect of dietary protein quality and feeding level on milk secretion and mammary protein synthesis in the rat. Sampson DA, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):274–83

Effects of mitochondrial protein synthesis inhibitors on the incorporation of isoleucine into Plasmodium falciparum in vitro. Blum JJ, et al. **J Protozool** 1984 Aug;31(3):475–9

Patterns of protein synthesis in endometrial tissues from ovariectomized rats treated with oestradiol and progesterone. Lejeune B, et al. **J Reprod Fertil** 1985 Jan;73(1):223–8

Proteins synthesized by the rat endometrium during early pregnancy. Mulholland J, et al. **J Reprod Fertil** 1984 Nov;72(2):395–400

Lutropin stimulates de novo synthesis of short-lived proteins required for lutropin-dependent steroid production in tumour Leydig cells. Bakker GH, et al. **J Steroid Biochem** 1985 Mar;22(3):311–4

The effects of sequential administration of 17 beta-estradiol on the synthesis and secretion of specific proteins in the immature rat uterus. Kuivanen PC, et al. **J Steroid Biochem** 1985 Apr;22(4):439–51

Sodium depletion of rats induces a mitochondrial protein in the zona glomerulosa of the adrenal cortex. Meuli C, et al. **J Steroid Biochem** 1984 Dec;21(6):773–5

Glucocorticoid effects on newly synthesized proteins in muscle and non-muscle cells cultured from neonatal rat hearts. Nichols NR, et al. **J Steroid Biochem** 1984 Nov;21(5):487–96

FSH stimulation of cytosolic protein synthesis in cultured pig Sertoli cells. Perrard MH, et al. **J Steroid Biochem** 1985 Feb;22(2):281–4

Failure of an increased dose of ATP-MgCl2 to improve protein synthesis and transmembrane potential in the postischemic liver. Hasselgren PO, et al. **J Surg Res** 1984 Nov;37(5):409–14

On the possibility of the production of many rare proteins by higher eukaryotes. Hirsh AG. **J Theor Biol** 1984 Oct 5;110(3):399–410

Differential inhibition of protein synthesis: a possible biochemical mechanism of thalidomide teratogenesis. Shull GE. **J Theor Biol** 1984 Oct 5;110(3):461–86

Effect of sodium selenite on the ciliary activity, adenosine triphosphate, and protein synthesis in mouse trachea organ cultures. Låg M, et al. **J Toxicol Environ Health** 1984;13(4–6):857–64

Cachectin [editorial] **Lancet** 1985 Aug 10;2(8450):312–3

Effect of estradiol and relaxin on collagen and non-collagen protein synthesis by mammary fibroblasts. Sheffield LG, et al. **Life Sci** 1984 Nov 26;35(22):2199–203

Changes in protein synthesis and breakdown rates and responsiveness to growth factors with ageing in human lung fibroblasts. Ballard FJ, et al. **Mech Ageing Dev** 1985 Apr;30(1):11–22

Programmed aging or error catastrophe? An examination by two-dimensional polyacrylamide gel electrophoresis. Johnson TE, et al. **Mech Ageing Dev** 1985 May 31;30(3):285–97

Decreased protein synthesis of transforming lymphocytes from aged humans: relationship to impaired mitogenesis with age. Tollefsbol TO, et al. **Mech Ageing Dev** 1985 Apr;30(1):53–62

Stage specific gene expression precedes morphological changes during Trypanosoma cruzi metacyclogenesis. Contreras VT, et al. **Mol Biochem Parasitol** 1985 Jan;14(1):83–96

The biosynthesis of the histidine-rich protein of Plasmodium lophurae and the cloning of its gene in Escherichia coli. Kilejian A, et al. **Mol Biochem Parasitol** 1985 Jan;14(1):1–10

The biosynthesis of the knob protein and a 65 000 dalton histidine-rich polypeptide of Plasmodium falciparum. Kilejian A. **Mol Biochem Parasitol** 1984 Jun;12(2):185–94

Biosynthesis of the target antigens of antibodies blocking transmission of Plasmodium falciparum. Kumar N, et al. **Mol Biochem Parasitol** 1984 Nov;13(3):333–42

Schistosoma mansoni: effect of maintenance in vitro on the uptake and incorporation of leucine by adult worms. Mercer JG, et al. **Mol Biochem Parasitol** 1985 Jun;15(3):327–39

Interrelationships of protein and DNA syntheses during replication of mammalian cells. Sariban E, et al. **Mol Cell Biol** 1985 Jun;5(6):1279–86

Regulation of human histone gene expression during the HeLa cell cycle requires protein synthesis. Sive HL, et al. **Mol Cell Biol** 1984 Dec;4(12):2723–34

Inhibition of protein synthesis stabilizes histone mRNA. Stimac E, et al. **Mol Cell Biol** 1984 Oct;4(10):2082–90

Homologous ligand induction of pituitary gonadotrophin-releasing hormone receptors in vivo is protein synthesis dependent. Detta A, et al. **Mol Cell Endocrinol** 1984 Sep;37(2):139–44

A common 43 K protein induced by glucocorticoids in a variety of cells and tissues. Nichols NR, et al. **Mol Cell Endocrinol** 1984 Sep;37(2):197–204

Hormonal regulation of protein synthesis in cultured kidney cells. Sudol M. **Mol Cell Endocrinol** 1985 May;40(2–3):245–55

Androgen regulation of protein synthesis in the seminal vesicle fibromuscular stroma. Weinberger MJ. **Mol Cell Endocrinol** 1984 Dec;38(2–3):163–70

Comparison of the cellular and RNA-dependent effects of sangivamycin and toyocamycin in human colon carcinoma cells. Cohen MB, et al. **Mol Pharmacol** 1985 Mar;27(3):349–55

Generation of natural killer-like cytotoxicity from human thymocytes with interleukin-2. Gray JD, et al. **Nat Immun Cell Growth Regul** 1983–84;3(3):124–33

Inhibition of RNA and protein synthesis in isolated cerebellar cells by in vitro and in vivo methyl mercury. Sarafian T, et al. **Neurochem Pathol** 1985 Spring;3(1):27–39

Cleavage within an RNase III site can control mRNA stability and protein synthesis in vivo. Panayotatos N, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2227–40

Effect of queuine on protein biosynthesis in mammalian cells. Kuchino Y, et al. **Nucleic Acids Symp Ser** 1984;(15):29–32

Whole body protein synthesis and energy expenditure in very low birth weight infants. Catzeflis C, et al. **Pediatr Res**

1985 Jul;19(7):679-87

Recent studies on inhibitors of macromolecular synthesis and function in trypanosomes. Meshnick SR. **Pharmacol Ther** 1984;25(2):239-54 (97 ref.)

Studies on substances of plant origin with anticipated cyto- and oncostatic activity. Part 1: The influence of water extracts from Melissa officinalis on the protein biosynthesis in vitro. Chlabicz J, et al. **Pharmazie** 1984 Nov;39(11):770

Transcriptional induction of two genes in human cells by beta interferon. Larner AC, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6733-7

Translational control by adenovirus: lack of virus-associated RNAI during adenovirus infection results in phosphorylation of initiation factor eIF-2 and inhibition of protein synthesis. Siekierka J, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):1959-63

Dexamethasone-induced phospholipase A2-inhibitory proteins (PLIP) influenced by the H-2 histocompatibility region. Gupta C, et al. **Proc Soc Exp Biol Med** 1985 Jan; 178(1):29-35

Reduction in hypertension-induced protein synthesis in the rat pulmonary trunk after treatment with teprotide (SQ 20881). McKenzie JC, et al. **Proc Soc Exp Biol Med** 1984 Nov;177(2):377-82

Intracellular protein topogenesis. Blobel G, et al. **Prog Clin Biol Res** 1984;168:3-10

Inhibition of protein synthesis and intestinal absorptive cell ultrastructure in cycloheximide or puromycin-treated rats. Bernard A, et al. **Reprod Nutr Dev** 1985;25(2):451-64

Progestin modulation of estrogen-dependent marker protein synthesis in the endometrium. DeSombre ER, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 1):6-11

Protein synthesis in the tumor-influenced hepatocyte. Warren RS, et al. **Surgery** 1985 Aug;98(2):275-82

Hepatocyte function in sepsis: Kupffer cells mediate a biphasic protein synthesis response in hepatocytes after exposure to endotoxin or killed Escherichia coli. West MA, et al. **Surgery** 1985 Sep;98(3):388-95

Control of nucleic acid and protein synthesis in developing brain, kidney, and heart of the neonatal rat: effects of alpha-difluoromethylornithine, a specific, irreversible inhibitor of ornithine decarboxylase. Slotkin TA, et al. **Teratology** 1984 Oct;30(2):211-24

The effect of insulin-dextran complexes on the protein synthesis in the primary monolayer culture of adult rat hepatocytes. Nakai T, et al. **Tohoku J Exp Med** 1984 Nov; 144(3):245-56

The effect of 2-methoxyethanol and methoxyacetic acid on Sertoli cell lactate production and protein synthesis in vitro. Beattie PJ, et al. **Toxicol Appl Pharmacol** 1984 Oct; 76(1):56-61

The estrogenic activity of DDT: the in vitro induction of an estrogen-inducible protein by o,p'-DDT. Robison AK, et al. **Toxicol Appl Pharmacol** 1984 Dec;76(3):537-43

Spontaneous blastogenesis and protein synthesis as monitors of renal allograft rejection. Thomas JH, et al. **Transplant Proc** 1984 Dec;16(6):1600-2

Effect of protein synthesis inhibitors on leukocytic pyrogen-induced in vitro hypothalamic prostaglandin production. Bernheim HA, et al. **Yale J Biol Med** 1985 Mar-Apr;58(2):179-87

Chemical characterization of an interleukin-1-inducing substance derived from human mixed leukocyte reactions: IL-1-inducing substance is not gamma interferon. Dinarello CA, et al. **Yale J Biol Med** 1985 Mar-Apr; 58(2):101-13

Studies on the production of endogenous pyrogen by rabbit monocytes: the role of calcium and cyclic nucleotides. Sigal SL, et al. **Yale J Biol Med** 1985 Mar-Apr;58(2):165-78

N tau-methylhistidine: inhibitor of hepatic protein synthesis? Schwartz S, et al. **Z Exp Chir Transplant Kunstliche Organe** 1985;18(3):157-63

Effects of vitamin D3 on in vivo labelling of chick skeletal muscle proteins with [3H]leucine. de Boland AR, et al. **Z Naturforsch [C]** 1984 Sep-Oct;39(9-10):1015-6

[Preliminary study on the mechanism of inhibition of protein synthesis by harringtonine] Wu GY, et al. **Yao Hsueh Hsueh Pao** 1984 Mar;19(3):167-72 (Eng. Abstr.) **(Chi)**

[Effect of experimental diabetes and its treatment with insulin on the translation of RNAs and protein synthesis in rat enterocytes] Bréant B, et al. **C R Acad Sci [III]** 1984; 299(14):571-4 (Eng. Abstr.) **(Fre)**

[LHRH stimulates the secretion of an 87 K protein by cultured gonadotrophic cells] Hubert JF, et al. **C R Acad Sci [III]** 1985;300(16):613-6 (Eng. Abstr.) **(Fre)**

[Effects of feeding organic and inorganic zinc compounds on liver protein synthesis and growth of rats] Kietzmann M. **DTW** 1984 Nov 22;91(11-12):391-6 (Eng. Abstr.) **(Ger)**

[Molecular biology studies of synovial fluid cells of patients with chronic polyarthritis after intra-articular prednisolone medication] Bröll H. **Wien Klin Wochenschr [Suppl]** 1984; 149:1-13 (Eng. Abstr.) **(Ger)**

[Trials with organic and inorganic copper compounds. 2. Effects on liver protein synthesis and growth in rats] Kaemmerer K, et al. **Zentralbl Veterinarmed [A]** 1984 Oct; 31(9):660-70 (Eng. Abstr.) **(Ger)**

[Immunological studies on renal transplantation. V. Evaluation of mixed lymphocyte culture reaction based on protein synthesis] Kanda H, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Feb;76(2):231-8 (Eng. Abstr.) **(Jpn)**

[Deoxyribonucleic acid and protein synthesis in delayed mouse blastocysts in vitro] Kubo H, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1187-96 (Eng. Abstr.) **(Jpn)**

[Mitochondrial biogenesis; import of nuclear-coded proteins into mitochondria] Ito A. **Tanpakushitsu Kakusan Koso** 1985 May;30(5):361-73 (72 ref.) **(Jpn)**

[Relation of the biosynthesis of intracellular and export proteins in rat liver cells during induction of proliferation by cycloheximide] Boĭkov PIa, et al. **Biokhimiia** 1984 Sep; 49(9):1470-7 (Eng. Abstr.) **(Rus)**

[Formation of specific proteins and peptides in the rabbit uterus induced by estradiol] Sarkisian EG, et al. **Biol Nauki** 1984;(11):24-7 (Eng. Abstr.) **(Rus)**

[Protein, RNA and DNA synthesis in skin fibroblast cultures from healthy donors and patients with rheumatic diseases] Abakumova OIu, et al. **Biull Eksp Biol Med** 1985 Feb; 99(2):156-8 (Eng. Abstr.) **(Rus)**

[Protein-synthesizing function of the liver of rabbits in experimental myocardial infarct] Lekis AV, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):57-60 (Eng. Abstr.) **(Rus)**

[Changes in the protein-synthesizing system of a HeLa cell culture exposed to a number of trace elements] Strochkova LS, et al. **Biull Eksp Biol Med** 1985 May;99(5):565-8 (Eng. Abstr.) **(Rus)**

[Lectin-inducible cell cytotoxicity and the production of the cytotoxic factor of natural killer cells during immobilization stress in mice] Sukhikh GT, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):51-3 (Eng. Abstr.) **(Rus)**

[Co-translation folding, compartmentalization and modification of proteins] Spirin AS. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1445-60 (63 ref.) (Eng. Abstr.) **(Rus)**

[Dynamics of energy requirements, detoxication and biosynthesis of hepatocyte macromolecules in acute radiation injury] Sharygin VL, et al. **Radiobiologiia** 1985 Jul-Aug;25(4):462-8 (Eng. Abstr.) **(Rus)**

[Specific protein markers in monolayer hepatocyte cultures from adult rats] Karavanova ID. **Tsitologiia** 1984 Sep; 26(9):1037-42 (Eng. Abstr.) **(Rus)**

[Post-synthetic modification of proteins] Troitskiĭ GV. **Ukr Biokhim Zh** 1985 May-Jun;57(3):81-98 (77 ref.) (Eng. Abstr.) **(Rus)**

[Effect of the permeability of lysosomal and mitochondrial membranes on the ability of their cryoextracts to inhibit the protein-synthesizing activity of cell-free systems] Zagnoĭko VI, et al. **Ukr Biokhim Zh** 1985 Jan-Feb; 57(1):16-20 (Eng. Abstr.) **(Rus)**

[Protein-synthesizing apparatus of the rat liver and placenta during damage of the biomembrane by tetrachloromethane and the administration of methylxanthines] Gubskiĭ IuI, et al. **Vopr Med Khim** 1984;30(6):57-61 (Eng. Abstr.) **(Rus)**

[Synthesis of mitochondrial proteins coded in the nucleus and mitochondria of the intact and regenerating liver of rats of various ages] Litoshenko AIa. **Vopr Med Khim** 1985 Mar-Apr;31(2):105-10 (Eng. Abstr.) **(Rus)**

[Biosynthesis of nucleic acids and proteins in different time periods of development in experimental myocarditis] Paskevich IF, et al. **Vopr Med Khim** 1985 Jan-Feb; 31(1):93-6 (Eng. Abstr.) **(Rus)**

CLASSIFICATION

Some comments on protein taxonomy: procedures for functional and structural classification. DeLisi C, et al. **Prog Clin Biol Res** 1985;172A:431-41

DIAGNOSTIC USE

A protein molecule as a bioanalytical device. Chemomechanical protein sensors. Morozov VN, et al. **FEBS Lett** 1984 Oct 1;175(2):299-302

GENETICS

A revised estimate of the amount of genetic variation in human proteins: implications for the distribution of DNA polymorphisms. Neel JV. **Am J Hum Genet** 1984 Sep; 36(5):1135-48 (69 ref.)

Protein polymorphisms and their genetic control in the red-backed vole, Clethrionomys rufocanus bedfordiae. Kawata M, et al. **Anim Blood Groups Biochem Genet** 1984; 15(2):143-50

Translation of messenger RNA from rat epididymis and identification of poly(A)RNA coding for acidic epididymal glycoprotein. Bartlett RJ, et al. **Ann NY Acad Sci** 1984; 438:29-38

Androgen regulated genes from prostate and seminal vesicle share upstream sequence homologies. Kandala JC, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):948-52

Genetic variability of proteins from mitochondria and mitochondrial fractions of mouse organs. Jungblut P, et al. **Biochem Genet** 1985 Apr;23(3-4):227-45

Quantitative analysis of the amount of larval serum protein-1 (LSP-1) synthesized by flies with different doses of the LSP-1 coding sequences. Roberts DB, et al. **Biochem Genet** 1984 Oct;22(9-10):783-95

Control of polypeptide chain initiation by sugar phosphates. Jackson RJ, et al. **Biochem Soc Trans** 1985 Aug;13(4):673-6

Inhibition of protein synthesis in vesicular stomatitis virus infected Chinese hamster ovary cells: role of virus mRNA-ribonucleoprotein particle. Rosen CA, et al. **Biochemistry** 1984 May 22;23(11):2407-11

A temperature-sensitive Chinese hamster ovary cell mutant pleiotropically defective in protein export. Nakano A, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):324-32

Theory of degenerate coding and informational parameters of protein coding genes. Konopka AK. **Biochimie** 1985 May;67(5):455-68

Human DNA sequences homologous to a protein coding region conserved between homeotic genes of Drosophila. Levine M, et al. **Cell** 1984 Oct;38(3):667-73

Hybrid protein synthetic systems: components required to confer poikilothermy to the mammal. Haschemeyer AE, et al. **Comp Biochem Physiol [B]** 1985;81(3):705-9

Genetics and biosynthesis of proteins. Mihalyi E. **Curr Probl Clin Biochem** 1984;14:11-37 (42 ref.)

A 45-kb DNA domain with two divergently orientated genes is the unit of organisation of the murine major urinary protein genes. Clark AJ, et al. **EMBO J** 1984 Sep; 3(9):2055-64

Divergent protein coding regions in otherwise closely related androgen-regulated mRNAs. McDonald CJ, et al. **EMBO J** 1984 Nov;3(11):2517-21

All eight unassigned reading frames of mouse mitochondrial DNA are expressed. Michael NL, et al. **EMBO J** 1984 Dec 20;3(13):3165-75

In vivo evidence that the nusA and infB genes of E. coli are part of the same multi-gene operon which encodes at least four proteins. Nakamura Y, et al. **EMBO J** 1985 Feb; 4(2):527-32

Two translational initiation sites in the infB gene are used to express initiation factor IF2 alpha and IF2 beta in Escherichia coli. Plumbridge JA, et al. **EMBO J** 1985 Jan; 4(1):223-9

An approach to searching for specific proteins associated with active genes in hen oviduct. Kato Y, et al. **Endocrinol Jpn** 1984 Aug;31(4):509-22

The tRNA cycle and its relation to the rate of protein synthesis. Liljenström H, et al. **Eur Biophys J** 1985; 12(2):115-9

The nature of the interaction of eukaryotic initiation factor 2 with double-stranded RNA. Itamar D, et al. **Eur J Biochem** 1984 Dec 3;145(2):373-9

Multiple-level caerulein control of the gene expression of secretory proteins in the rat pancreas. Wicker C, et al. **Eur J Biochem** 1985 Sep 16;151(3):461-6

Observed relationships between protein heterozygosity and protein genetic distance and comparisons with neutral expectations. Ward RD, et al. **Genet Res** 1985 Jun; 45(3):315-40

Variation in the major urinary protein multigene family in wild-derived mice. Sampsell BM, et al. **Genetics** 1985 Mar; 109(3):549-68

The gene coding for a sphingolipid activator protein, SAP-1, is on human chromosome 10. Inui K, et al. **Hum Genet** 1985;69(3):197-200

Exons and the evolution of proteins. Blake CC. **Int Rev Cytol** 1985;93:149-85 (214 ref.)

Structural analysis of a developmentally regulated 25-kDa protein gene of Sarcophaga peregrina. Matsumoto N, et al. **J Biochem (Tokyo)** 1985 May;97(5):1501-8

The gene for rat atrial natriuretic factor. Argentin S, et al. **J Biol Chem** 1985 Apr 25;260(8):4568-71

Expression of a secretory protein gene during androgen-induced cell growth. Moore JT, et al. **J Biol Chem** 1984 Dec 10;259(23):14750-6

Linkage of loci affecting a murine liver protein and arylsulfatase B to chromosome 13. Elliott RW, et al. **J Hered** 1985 Jul-Aug;76(4):243-6

Markov chain analysis finds a significant influence of neighboring bases on the occurrence of a base in eucaryotic nuclear DNA sequences both protein-coding and noncoding. Blaisdell BE. **J Mol Evol** 1984-85;21(3):278-88

An estimate on the effect of point mutation and natural selection on the rate of amino acid replacement in proteins. Frömmel C, et al. **J Mol Evol** 1984-85;21(3):233-57

Interaction of silent and replacement changes in eukaryotic coding sequences. Lipman DJ, et al. **J Mol Evol** 1984-85; 21(2):161-7

mRNA sequence predictions from homologous protein sequences. Valiquette G, et al. **J Theor Biol** 1985 Feb 7; 112(3):445-58

Protein side-chain acetylations. Allfrey VG, et al. **Methods Enzymol** 1984;107:224-40

Identification of posttranslationally modified amino acids in proteins by mass spectrometry. Carr SA, et al. **Methods Enzymol** 1984;106:29-58

Nomenclature and symbolism of alpha-amino acids. Cohn WE. **Methods Enzymol** 1984;106:3-17

Amino-terminal acetylation of proteins: an overview. Tsunasawa S, et al. **Methods Enzymol** 1984;106:165-70

Protein variation in clones of Plasmodium falciparum detected by two dimensional electrophoresis. Fenton B, et al. **Mol Biochem Parasitol** 1985 Aug;16(2):173-83

The 45-kb unit of major urinary protein gene organization is a gigantic imperfect palindrome. Bishop JO, et al. **Mol Cell Biol** 1985 Jul;5(7):1591-600

High-level expression and molecular cloning of genes encoding Candida tropicalis peroxisomal proteins. Kamiryo T, et al. **Mol Cell Biol** 1984 Oct;4(10):2136-41

Tissue-specific expression of major urinary protein (MUP) genes in mice: characterization of MUP mRNAs by restriction mapping of cDNA and by in vitro translation.

Shahan K, et al. **Mol Cell Biol** 1984 Nov;4(11):2259-65

Abundant nuclear ribonucleoprotein form of CAD RNA. Sperling R, et al. **Mol Cell Biol** 1985 Mar;5(3):569-75

Isolation of a cDNA clone complementary to sequences for a 34-kilodalton protein which is a pp60v-src substrate. Tomasiewicz HG, et al. **Mol Cell Biol** 1984 Sep;4(9):1935-8

Drosophila proteins pave the way to gene mutations [news] Beachy P. **Nature** 1985 Sep 5-11;317(6032):18-9

The infectious nature of prions [letter] Erickson RP. **Nature** 1985 Jun 13-19;315(6020):546

Mobility and evolutionary variability factors in protein antigenicity [letter] Jemmerson R, et al. **Nature** 1985 Sep 5-11;317(6032):89-90

Histidine-rich protein of Plasmodium lophurae [letter] Kilejian A. **Nature** 1985 Mar 14-20;314(6007):136

Primary structure and genomic organization of the histidine-rich protein of the malaria parasite Plasmodium lophurae. Ravetch JV, et al. **Nature** 1984 Dec 13-19; 312(5995):616-20

Regulation of a protein synthesis initiation factor by adenovirus virus-associated RNA. Reichel PA, et al. **Nature** 1985 Jan 17-23;313(5999):196-200

Kinetoplast DNA minicircles of trypanosomatids encode for a protein product. Shlomai J, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8017-28

Sequence organisation of rat seminal vesicle F gene: location of transcriptional start point and sequence comparison with six other androgen-regulated genes. Williams L, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):659-72

Evolutionary amplification of a pseudogene. Ghazal P, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4182-5

The molecular clock may be an episodic clock. Gillespie JH. **Proc Natl Acad Sci USA** 1984 Dec;81(24):8009-13

Comparative statistics for DNA and protein sequences: multiple sequence analysis. Karlin S, et al. **Proc Natl Acad Sci USA** 1985 Sep,82(18):6186-90

Identification of proliferin mRNA and protein in mouse placenta. Linzer DI, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4356-9

Sequence of the initiation factor IF2 gene: unusual protein features and homologies with elongation factors. Sacerdot C, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7787-91

Structure of proteins with single-site mutations: a minimum perturbation approach. Shih HH, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1697-700

Molecular cloning and characterization of DNA sequences encoding rat and human atrial natriuretic factors. Zivin RA, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6325-9

Nucleotide sequences of the human and mouse atrial natriuretic factor genes. Seidman CE, et al. **Science** 1984 Dec 7;226(4679):1206-9

Identification and localization of DNA alteration in Chinese hamster ovary cell mutants (Urd-) defective in the first three enzymes of de novo pyrimidine synthesis. Patterson D, et al. **Somatic Cell Mol Genet** 1985 Jul;11(4):379-90

Two cytoplasmically inherited oligomycin-resistant Chinese hamster cell lines exhibit an altered mitochondrial translation product. Shew JY, et al. **Somatic Cell Mol Genet** 1985 Jan;11(1):103-8

Interferon-induced protein Mx accumulates in nuclei of mouse cells expressing resistance to influenza viruses. Dreiding P, et al. **Virology** 1985 Jan 15;140(1):192-6

[Hypotheses on the establishment of a genetic code and transfer of information from proteinoids to nucleic acids] Berger G. **C R Acad Sci [III]** 1984;299(9):333-8 (Eng. Abstr.) **(Fre)**

HISTORY

The multi-enzyme programme of protein synthesis—its neglect in the history of biochemistry and its current role in biotechnology. Bartels D. **Pubbl Stn Zool Napoli [II]** 1983;5(2):187-219

IMMUNOLOGY

Failure of trypanosomal membrane antigens to induce protection against tsetse-transmitted Trypanosoma vivax or T. brucei in goats and rabbits. Rovis L, et al. **Acta Trop (Basel)** 1984 Sep;41(3):227-36

Studies of human natural killer cytotoxic factor (NKCF): characterization and analysis of its mode of action. Ortaldo JR, et al. **Adv Exp Med Biol** 1985;184:203-20

An investigation of the role of soluble cytotoxic factors and reactive oxygen intermediates in lysis by NK cells. Wayner EA, et al. **Adv Exp Med Biol** 1985;184:221-38

Immunotropic properties of fractions isolated from human milk. Zimecki M, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(2):203-9

The rate of evolutionary divergence of initiation factors IF2 and IF3 in various bacterial species determined quantitatively by immunoblotting. Howe JG, et al. **Arch Microbiol** 1984 Dec;140(2-3):187-92

Impaired release of a soluble natural killer cytotoxic factor in systemic lupus erythematosus. Sibbitt WL Jr, et al. **Arthritis Rheum** 1984 Oct;27(10):1095-100

Amphipathic lipid-bound protein antigens in mouse bladder carcinomas detected by a monoclonal antibody. Kohwi Y, et al. **Biochemistry** 1984 Dec 4;23(25):5945-50

Clinical symptoms and IgE responses to common food proteins in atopic and healthy children. Hattevig G, et al. **Clin Allergy** 1984 Nov;14(6):551-9

Interference of endogenous lactoperoxidase antibodies in a solid-phase immunosorbent radioassay for antibodies to protein hormones. Ericsson UB, et al. **Clin Chem** 1984 Nov; 30(11):1836-8

Autoantibody to liver-specific lipoprotein in the mouse: regulation by naturally occurring autoantigen specific suppressor cells. Bartholomaeus WN, et al. **Clin Exp Immunol** 1984 Nov;58(2):307-16

Specificities and characteristics of mitochondrial protein antigens assessed by enzyme linked immunosorbent assay for anti-mitochondrial antibodies. Relationship to immunofluorescent and precipitating antibodies. Gupta RC. **Clin Exp Immunol** 1985 Mar;59(3):604-12

Precipitating autoantibodies to mitochondrial proteins in progressive systemic sclerosis. Gupta RC, et al. **Clin Exp Immunol** 1984 Oct;58(1):68-76

Radiosensitivity of isolated subsets of human lymphocytes (E+, OKT4+, OKT8+): protective role of monocytes and monokines. Manori I, et al. **Clin Exp Immunol** 1984 Nov;58(2):453-61

Studies on the enhancement of human eosinophil function by mononuclear cell products in vitro. Veith M, et al. **Clin Exp Immunol** 1984 Dec;58(3):603-10

Liver-specific autoantibodies in chronic hepatitis B virus infection. Meliconi R, et al. **Clin Sci** 1985 Feb;68(2):123-6

Suppressor macromolecules. Keller RH, et al. **CRC Crit Rev Immunol** 1984;5(2):149-99 (464 ref.)

Antigenic structures of proteins. Their determination has revealed important aspects of immune recognition and generated strategies for synthetic mimicking of protein binding sites. Atassi MZ. **Eur J Biochem** 1984 Nov 15; 145(1):1-20 (156 ref.)

Schistosoma mansoni: immunoblot analysis of adult worm proteins. Ruppel A, et al. **Exp Parasitol** 1985 Oct; 60(2):195-206

Prediction of sequential antigenic regions in proteins. Welling GW, et al. **FEBS Lett** 1985 Sep 2;188(2):215-8

Low IgG response of the mouse strain C57BL/10ScSn after immunization with protein antigens. Říhová B, et al. **Folia Microbiol (Praha)** 1985;30(3):295-301

Analysis of the antigenic composition of liver specific lipoprotein using murine monoclonal antibodies. Wiedmann KH, et al. **Gut** 1985 May;26(5):510-7

Naturally occurring serum antiidiotypic antibody against antiliver-specific membrane lipoprotein in patients with hepatitis. Tsubouchi A, et al. **Hepatology** 1985 Sep-Oct; 5(5):752-7

Antigenicity of proteins from cultured synovial fibroblasts. Heino J, et al. **Immunobiology** 1984 May;166(4-5):360-7

Protein immunochemistry for the sophisticate [editorial] Pelley RP. **Immunol Commun** 1984;13(6):583-9

Suppression of antigen- and mitogen-induced proliferation of bovine lymphocytes by excretory-secretory products of Oesophagostomum radiatum. Gasbarre LC, et al. **Infect Immun** 1985 May;48(2):540-5

Behaviour of dendritic reticulum cells possessing immunoreactive acid cysteine-proteinase inhibitor in human lymphoid secondary follicles and in follicular-centre cell lymphomas. Alavaikko M, et al. **Int J Cancer** 1985 Mar 15;35(3):319-25

Natural cytotoxicity of human blood monocytes and natural killer cells and their cytotoxic factors: discriminating effects of actinomycin D. Uchida A, et al. **Int J Cancer** 1985 May 15;35(5):691-9

Autoantibodies in pemphigus foliaceus. Fine RM. **Int J Dermatol** 1985 May;24(4):224-5

Prediction of strong antigenic determinant of seminalplasmin and ribonuclease from the amino acid sequence. Pandit MW. **Int J Pept Protein Res** 1985 Feb;25(2):197-9

Immunosuppressive effect of uterine secretory protein from Angus and Brahman cows upon lymphocytes in vitro. Segerson EC, et al. **J Anim Sci** 1984 Oct;59(4):1047-59

Phosphorylase phosphatase regulatory subunit. 'Western' blotting with immunoglobulins against inhibitor-2 reveals a protein of Mr = 60,000. Gruppuso PA, et al. **J Biol Chem** 1985 Apr 10;260(7):4288-94

A simple and rapid solid phase enzyme-linked immunoadsorbence assay for screening monoclonal antibodies to poorly soluble proteins. Evan GI. **J Immunol Methods** 1984 Oct 26;73(2):427-35

Lymphokine/monokine inhibition of fibroblast proliferation and collagen production: role in progressive systemic sclerosis (PSS). Duncan MR, et al. **J Invest Dermatol** 1984 Nov;83(5):377-84

Antibodies to liver-specific lipoprotein in children with chronic liver disease due to 'autoimmune' chronic active hepatitis, cystic fibrosis, and alpha 1-antitrypsin deficiency. Larcher VF, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov; 3(5):728-33

Antibodies to liver-specific protein predict outcome of treatment withdrawal in autoimmune chronic active hepatitis. McFarlane IG, et al. **Lancet** 1984 Oct 27; 2(8409):954-6

Murine monoclonal antibodies against 'liver specific lipoprotein' (LSP) defining three antigenic sites which differ in tissue- and species-distribution and subcellular location. Kenna JG, et al. **Liver** 1985 Feb;5(1):13-20

Monoclonal antibodies in the study of structure-function relationships of proteins. Cotton RG. **Med Res Rev** 1985 Jan-Mar;5(1):77-106 (164 ref.)

Antigenic diversity of the circumsporozoite proteins in the Plasmodium cynomolgi complex. Cochrane AH, et al. **Mol Biochem Parasitol** 1985 Jan;14(1):111-24

Human natural killer cytotoxic factor. Studies on its production, specificity, and mechanism of interaction with target cells. Blanca I, et al. **Nat Immun Cell Growth Regul** 1985;4(1):48-59

Protein antigenicity and protein mobility [letter] Moore GR, et al. **Nature** 1984 Dec 20-1985 Jan 2;312(5996):706

In search of novel immunogens [news] Newmark P. **Nature** 1984 Oct 11-17;311(5986):510-1

The reactivity of anti-peptide antibodies is a function of the atomic mobility of sites in a protein. Tainer JA, et al. **Nature** 1984 Nov 8-14;312(5990):127-34

Human cytotoxic T-lymphocyte recognition of an HLA-A3 gene product expressed on murine L cells: the only human gene product required on the target cells for lysis is the class I heavy chain. Cowan EP, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4490-4

Small peptides induce antibodies with a sequence and structural requirement for binding antigen comparable to antibodies raised against the native protein. Geysen HM, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):178-82

Immunization in vitro and production of monoclonal antibodies specific to insoluble and weakly immunogenic proteins. Van Ness J, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7897-901

Identical short peptide sequences in unrelated proteins can have different conformations: a testing ground for theories of immune recognition. Wilson IA, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5255-9

A new sensitive immunosorbent radioassay for the detection of circulating antibodies to polypeptide hormones and proteins. Ericsson UB, et al. **Scand J Clin Lab Invest** 1984 Oct;44(6):487-93

Intrinsic and extrinsic factors in protein antigenic structure. Berzofsky JA. **Science** 1985 Sep 6;229(4717):932-40 (75 ref.)

Protein-specific helper T-lymphocyte formation initiated by dendritic cells. Inaba K, et al. **Science** 1985 Aug 2; 229(4712):475-9

Induction of intradermal skin reactions in the bovine by fractionated proteins of Hypoderma lineatum. Pruett JH, et al. **Vet Parasitol** 1984 Oct;16(1-2):137-46

[Demonstration of seminal stains by enzyme immunoassay using peroxidase-conjugated anti-gamma-seminoprotein (gamma-Sm) Fab'--forensic immunological studies of body fluids and secretion, report XXIV] Tsuda R, et al. **Nippon Hoigaku Zasshi** 1985 Feb;39(1):30-4 (Eng. Abstr.) **(Jpn)**

ISOLATION & PURIFICATION

Biochemical characterization of natural killer cytotoxic factors. Wright SC, et al. **Adv Exp Med Biol** 1985; 184:179-91

The recovery of nitrocellulose-bound protein. Anderson PJ. **Anal Biochem** 1985 Jul;148(1):105-10

Anion-exchange chromatography of proteins on AG MP-1 using high-performance liquid chromatography equipment. Axelson JT, et al. **Anal Biochem** 1984 Nov 1;142(2):373-7

Mobile-phase and temperature effects in the reversed phase chromatographic separation of proteins. Cohen KA, et al. **Anal Biochem** 1984 Jul;140(1):223-35

Adsorption chromatography on Toyopearl: a single-step alternative to salt fractionation of protein mixtures. Galkin AV, et al. **Anal Biochem** 1984 Nov 1;142(2):252-7

Size-exclusion high-performance liquid chromatography and sodium dodecyl sulfate-polyacrylamide gel electrophoresis of proteins: a comparison. Josić D, et al. **Anal Biochem** 1984 Nov 1;142(2):473-9

Proteins transferred to nitrocellulose for use as immunogens. Knudsen KA. **Anal Biochem** 1985 Jun;147(2):285-8

Preparative elution of proteins from nitrocellulose membranes after separation by sodium dodecyl sulfate-polyacrylamide gel electrophoresis. Parekh BS, et al. **Anal Biochem** 1985 Jul;148(1):87-92

Treatment of dialysis membranes for simultaneous dialysis and concentration. Richmond VL, et al. **Anal Biochem** 1985 Mar;145(2):343-50

A radiochemical study of irreversible protein loss on high-performance liquid chromatography column frits. Sadek PC, et al. **Anal Biochem** 1985 Jan;144(1):128-31

Urinary proteins: interstrain differences in the laboratory rat. Brdička R. **Anim Blood Groups Biochem Genet** 1984; 15(2):79-83

On a basic 31 kDa muscle membrane protein in cattle and pig, presumably equivalent to the class II antigen associated p31 molecule. Thinnes FP, et al. **Anim Blood Groups Biochem Genet** 1984;15(3):181-9

Biochemical, immunological, and structural studies on a sphingolipid activator protein (SAP-1). Inui K, et al. **Arch Biochem Biophys** 1984 Sep;233(2):556-64

Abnormal fibrous protein patterns in the uncombable hair syndrome. Van Neste D, et al. **Arch Dermatol Res** 1985; 277(2):151-2

Cysteinyl-cysteine and the microsomal protein from which it is derived act as reducing cofactor for prolyl hydroxylase. Chauhan U, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):277-83

Characterization and N-terminal sequence of a degradation product of 14,000 molecular weight isolated from human pancreatic juice. Guy-Crotte O, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):516-23

Rat atrial natriuretic factor: isolation, structure and biological activities of four major peptides. Misono KS, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):444-51

Partial purification from rat and pig liver of cytosolic stimulators of hormone-sensitive adenylate cyclase: quantitation and resolution of two components. Kelly TM, et al. **Biochem Med** 1984 Oct;32(2):252-69

Towards an automated two-dimensional gel analysis system. McFerran NV, et al. **Biochem Soc Trans** 1984 Dec; 12(6):1000-5

Characterization of a 22 kDa protein with widespread tissue distribution but which is uniquely present in secretions of the testis and epididymis and on the surface of spermatozoa. Brooks DE. **Biochim Biophys Acta** 1985 Jul 26;841(1):59-70

Purification and characterization of pancreatic colipase from the dogfish (Squalus acanthius). Sternby B, et al. **Biochim Biophys Acta** 1984 Sep 11;789(2):159-63

Isolation and characterization of a link protein from bovine aorta proteoglycan aggregate. Vijayagopal P, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):110-8

Protein composition of rabbit alveolar surfactant subfractions. Wright JR, et al. **Biochim Biophys Acta** 1984 Dec 21; 791(3):320-32

A 68 000 dalton protein genetically associated with corticotropin-sensitive adenylate cyclase activity. Purification and preliminary characterization using a specific antiserum. Schimmer BP, et al. **Can J Biochem Cell Biol** 1984 Jul;62(7):601-9

Different aggregation properties of sea urchin embryonic cells at different developmental stages. I. Stage specificity of aggregation factors solubilized by butanol. Cervello M, et al. **Cell Biol Int Rep** 1984 Sep;8(9):787-95

An attempt to resolve all the various proteins in a single human cell type by two-dimensional electrophoresis: I. Extraction of all cell proteins. Klose J, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2014-20

Recent advances on endogenous Na+,K+-ATPase inhibitors: clinical investigation and purification. Cloix JF, et al. **Clin Exp Hypertens [A]** 1985;7(5-6):663-72

Characterization of nematocyst proteins from the sea anemones Aiptasia pallida and Pachycerianthus torreyi (Cnidaria: Anthozoa). Phelan MA, et al. **Comp Biochem Physiol [B]** 1985;81(3):661-6

Separation of human tear proteins by high performance liquid chromatography. Boonstra A, et al. **Curr Eye Res** 1984 Dec;3(12):1461-9

Isolation and partial purification of a novel anticoagulant from arteries of human umbilical cord. Reutelingsperger CP, et al. **Eur J Biochem** 1985 Sep 16;151(3):625-9

Poly(L-proline)-binding proteins from chick embryos are a profilin and a profilactin. Tanaka M, et al. **Eur J Biochem** 1985 Sep 2;151(2):291-7

Preparation of highly purified F-actin-depolymerizing factor of human serum. Thorstensson R, et al. **Eur J Biochem** 1985 Mar 15;147(3):637-40

Changes in the protein pattern of murine B cells after mitogenic stimulation. Kettman J, et al. **Eur J Immunol** 1984 Sep;14(9):778-81

Determination of the inducers of Fc (FcRI) and C3 (C3RI) receptors on myeloid cells in several media from human and mouse origin, and the identification of the macrophage as the cell that produces these factors. Fragoso A, et al. **Exp Hematol** 1985 Mar;13(3):163-8

A Ca2+-sensitive actin regulatory protein from smooth muscle. Kanno K, et al. **FEBS Lett** 1985 May 20; 184(2):202-6

Protein synthesis initiation factor 2 from chicken reticulocytes: purification by affinity chromatography and preliminary characterization. Lee JC. **Int J Biochem** 1984; 16(11):1143-7

Purification and characterization of a bovine colostrum low molecular weight cysteine proteinase inhibitor. Hirado M, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):51-8

Purification and properties of eukaryotic initiation factor 2 and its ancillary protein factor (Co-eIF-2A) from yeast Saccharomyces cerevisiae. Ahmad MF, et al. **J Biol Chem** 1985 Jun 10;260(11):6955-9

Protein synthesis in rabbit reticulocytes. Purification and properties of an Mr 80,000 polypeptide (Co-eIF-2A80) with Co-eIF-2A activity. Chakravarty I, et al. **J Biol Chem** 1985 Jun 10;260(11):6945-9

Purification and preliminary characterization of a macromolecular inhibitor of glucocorticoid receptor binding to DNA. Dahmer MK, et al. **J Biol Chem** 1985 Jun 25;260(12):7705-15

Purification and characterization of a cytosolic protein enhancing GSH-dependent microsomal iodothyronine 5'-monodeiodination. Goswami A, et al. **J Biol Chem** 1985 May 25;260(10):6012-9

Isolation of a lytic, pore-forming protein (perforin) from cytolytic T-lymphocytes. Masson D, et al. **J Biol Chem** 1985 Aug 5;260(16):9069-72

Inhibitor peptide of mitochondrial proton adenosine triphosphatase. Neutralization of its inhibitory action by calmodulin. Pedersen PL, et al. **J Biol Chem** 1984 Dec 25;259(24):15148-53

Cartilage link proteins. Biochemical and immunochemical studies of isolation and heterogeneity. Poole AR, et al. **J Biol Chem** 1984 Dec 10;259(23):14849-56

Purification of cartilage-derived growth factor by heparin affinity chromatography. Sullivan R, et al. **J Biol Chem** 1985 Feb 25;260(4):2399-403

Fourth International Symposium on High-Performance Liquid Chromatography of Proteins, Peptides and Polynucleotides. Part II. Baltimore, MD, December 10-12, 1984. **J Chromatogr** 1985 Jun 26;327:1-383

Fourth International Symposium on High-Performance Liquid Chromatography of Proteins, Peptides and Polynucleotides. Baltimore, MD, December 10-12, 1984. Part I. **J Chromatogr** 1985 Jun 19;326:1-445

Rapid ion-exchange chromatography for preparative separation of proteins. Application to porcine and bovine carbonic anhydrases. Bergenhem N, et al. **J Chromatogr** 1985 Jan 25;319(1):59-65

Effect of surfactants on the separation of proteins by reversed-phase high-performance liquid chromatography. I. Non-ionic surfactants (Tween). Chang JP. **J Chromatogr** 1984 Dec 28;317:157-63

Silica-bound polyethyleneglycol as stationary phase for separation of proteins by high-performance liquid chromatography. Chang JP, et al. **J Chromatogr** 1985 Feb 20;319(3):396-9

Efficient method for visualization and isolation of proteins resolved in polyacrylamide gels. Francis RT Jr, et al. **J Chromatogr** 1984 Aug 17;298(1):115-21

Retention model for proteins in reversed-phase liquid chromatography. Geng X, et al. **J Chromatogr** 1984 Jul 27;296:15-30

Semi-automatic analysis of proteins and protein complexes by automated enzyme immunoassay after separation by high-performance gel-permeation chromatography. Size distribution of C3-IgG complexes. Holmskov-Nielsen U, et al. **J Chromatogr** 1984 Aug 3;297:225-33

Determination of protein spots separated by two-dimensional polyacrylamide gel electrophoresis. Matsuhashi S, et al. **J Chromatogr** 1985 Jan 25;319(1):79-89

Wide-pore silica-based ether-bonded phases for separation of proteins by high-performance hydrophobic-interaction and size-exclusion chromatography. Miller NT, et al. **J Chromatogr** 1984 Dec 21;316:519-36

Protein separations on reversed-phase high-performance liquid chromatography minicolumns. Moore RM, et al. **J Chromatogr** 1984 Dec 28;317:119-28

Fe3+-hydroxamate as immobilized metal affinity-adsorbent for protein chromatography. Ramadan N, et al. **J Chromatogr** 1985 Mar 8;321(1):93-104

Rapid large-scale isolation of biologically active molecules using reversed-phase 'flash' chromatography: initial purification of endogenous Na+, K+-ATPase inhibitors from human urine. Wainer IW, et al. **J Chromatogr** 1985 Mar 22;338(2):417-21

Isolation of proteins from crude mixtures with silica and silica-based adsorbents. Wolfe RA, et al. **J Chromatogr** 1984 Jul 27;296:277-84

Isolation and partial characterization of a human alveolar macrophage-derived neutrophil-activating factor. Pennington JE, et al. **J Clin Invest** 1985 Apr;75(4):1230-7

Purification of cachectin, a lipoprotein lipase-suppressing hormone secreted by endotoxin-induced RAW 264.7 cells. Beutler B, et al. **J Exp Med** 1985 May 1;161(5):984-95

Isolation of eukaryotic initiation factor 2 from rat brain. Calés C, et al. **J Neurochem** 1985 Oct;45(4):1298-302

Isolation and initial characterization of tumoricidal monokine(s) from the human monocytic leukemia cell line THP-1. Armstrong CA, et al. **JNCI** 1985 Jan;74(1):1-9

Purification and characterization of (ADP-ribosyl)n proteins. Adamietz P, et al. **Methods Enzymol** 1984;106:461-71

N epsilon-(beta-aspartyl)lysine. Klostermeyer H. **Methods Enzymol** 1984;107:258-61

A simple analysis of methylated proteins. Paik WK. **Methods Enzymol** 1984;106:265-8

Complete enzymatic hydrolysis of wool and its morphological components. Röper K, et al. **Methods Enzymol** 1984;106:58-69

Characterization of selenomethionine in proteins. Sliwkowski MX. **Methods Enzymol** 1984;107:620-3

Selenocysteine-containing proteins and glutathione peroxidase. Tappel AL, et al. **Methods Enzymol** 1984; 107:602-19

Invertebrate carotenoproteins. Zagalsky PF. **Methods Enzymol** 1985;111:216-47

N-terminal amino acid sequence of the histidine-rich protein from Plasmodium lophurae. Howard RJ, et al. **Mol Biochem Parasitol** 1984 Jun;12(2):237-46

Griseofulvin resistance mutation of Chinese hamster ovary cells that affects the apparent molecular weight of a congruent to 200,000-dalton protein. Gupta RS. **Mol Cell Biol** 1984 Sep;4(9):1761-8

Postcoital detection of a male-specific semen protein. Application to the investigation of rape. Graves HC, et al. **N Engl J Med** 1985 Feb 7;312(6):338-43

Recovery of native proteins from preparative electrophoresis gel slices by reverse polarity elution. Abramovitz AS, et al. **Prep Biochem** 1984 Aug;14(3):205-21

Isolation of major proteins from boar sperm plasma membranes by preparative gel electrophoresis and localization of a major polypeptide using specific monoclonal antibodies. Hunt WP, et al. **Prep Biochem** 1985; 15(1-2):9-33

Mechanism of protein hydrophobic chromatography. Protein unfolding and its contribution to effective hydrophobicity. Mann DF, et al. **Prep Biochem** 1984;14(2):91-8

Bead centrifuge tube inserts—a semi-quantitative theory. Polson A, et al. **Prep Biochem** 1984 Aug;14(3):223-30

An apparatus for the concentration of large volumes of dilute protein solutions to a predetermined volume. Swart P, et al. **Prep Biochem** 1985;15(1-2):1-8

Specific absorption with monoclonal antibodies to muramyl dipeptide of the pyrogenic and somnogenic activities of rabbit monokine. Chedid L, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5888-91

An unusual bovine pancreatic protein exhibiting pH-dependent globule-fibril transformation and unique amino acid sequence. Gross J, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5627-31

Purification and characterization of two cartilage-inducing factors from bovine demineralized bone. Seyedin SM, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2267-71

The cystatins: small protein inhibitors of cysteine proteinases. Barrett AJ. **Prog Clin Biol Res** 1985;180:105-16

Purification and characterization of a low molecular mass cysteine proteinase inhibitor from human amniotic fluid. Rohrlich ST, et al. **Prog Clin Biol Res** 1985;180:239-41

Structure and function of lysosomal cysteine proteinases and their protein inhibitors. Turk V, et al. **Prog Clin Biol Res** 1985;180:91-103

A low molecular weight cysteine proteinase inhibitor from chicken skeletal muscle. Wood L, et al. **Prog Clin Biol Res** 1985;180:81-90

Characterization of the predominant basic protein in human seminal plasma, one cleavage product of the major seminal vesicle protein. Lilja H, et al. **Scand J Clin Lab Invest** 1984 Sep;44(5):439-46

[Trial of purifying tumor degenerating factor of human fibroblasts] Imanishi J, et al. **C R Soc Biol (Paris)** 1984; 178(3):313-6 (Eng. Abstr.) (Fre)

METABOLISM

Protein metabolism in the traumatized patient. Kinney JM, et al. **Acta Chir Scand [Suppl]** 1985;522:45-56 (34 ref.)

Early effect of thyroid hormone on cytosolic protein phosphorylation in rat anterior pituitary. Nakamura H, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):326-9

Oral progesterone and estrogen/progestogen therapy. Effects of natural and synthetic hormones on subfractions of HDL cholesterol and liver proteins. Ottosson UB. **Acta Obstet Gynecol Scand [Suppl]** 1984;127:1-37

The effect of prostacyclin on gastric mucosal protein, DNA and RNA content, with special reference to different ulcer models. Bálint GA, et al. **Acta Physiol Hung** 1984; 64(3-4):275-8

Developmental pattern of the hepatic DNA, RNA and protein in relation to maternal vitamin A status in rats. Sharma HS, et al. **Acta Vitaminol Enzymol** 1985; 7(1-2):85-91

Functional and orientational features of protein molecules in reconstituted lipid membranes. Etemadi AH. **Adv Lipid Res** 1985;21:281-428 (639 ref.)

Nutrition and protein turnover in man. Reeds PJ, et al. **Adv Nutr Res** 1984;6:93-138 (100 ref.)

Chronic ethanol exposure alters dopaminergic signal transduction processes. Rius RA, et al. **Alcohol** 1985 Mar-Apr;2(2):245-8

Interrelationships of glucose and protein metabolism in obese adolescents during short-term hypocaloric dietary therapy. Dietz WH Jr, et al. **Am J Clin Nutr** 1985 Sep;42(3):380-90

Whole body protein turnover in malnourished cystic fibrosis patients and its relationship to pulmonary disease. Holt TL, et al. **Am J Clin Nutr** 1985 May;41(5):1061-6

Anthropometric and calorimetric evidence for the protein sparing effects of a new protein supplemented low calorie preparation. Van Gaal LF, et al. **Am J Clin Nutr** 1985 Mar;41(3):540-4

Protein catabolism during the postoperative course after renal transplantation. Hoy WE, et al. **Am J Kidney Dis** 1985 Mar;5(3):186-90

Diffusable proteins of the mucosa of the human cervix, uterus, and fallopian tubes: distribution and variations during the menstrual cycle. Tauber PF, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1115-25

Peritubular protein modulates neutral active NaCl absorption in rabbit proximal convoluted tubule. Baum M, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F790-5

Hydration of fat-free body in protein-depleted patients. Beddoe AH, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):E227-33

Effect of redox potential on protein degradation in perfused rat heart. Chua BH, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E726-31

Sleep changes in long-term fasting geese in relation to lipid and protein metabolism. Dewasmes G, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R663-71

Release of natriuretic factor from rat heart-lung preparation by atrial distension. Dietz JR. **Am J Physiol** 1984 Dec;247(6 Pt 2):R1093-6

Lymph flow, lymph protein concentration, and protein output from rat small intestine. Lee JS. **Am J Physiol** 1985 Jun;248(6 Pt 1):G670-5

Effects of [15N]leucine infused at low rates on leucine metabolism in humans. Tessari P, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):E121-30

Endocytic uptake, transport, and catabolism of proteins by epithelial cells. Wall DA, et al. **Am J Physiol** 1985 Jan; 248(1 Pt 1):C12-20 (71 ref.)

Identical serum proteins and specific bronchoalveolar lavage proteins in the adult human and the rat. Müller B, et al. **Am Rev Respir Dis** 1984 Oct;130(4):674-7

Evidence that Pseudomonas aeruginosa elastase does not inactivate the bronchial inhibitor in the presence of leukocyte elastase. Studies with cystic fibrosis sputum and with pure proteins. Tournier JM, et al. **Am Rev Respir Dis** 1985 Sep;132(3):524–8

A radiometric assay for determining the incorporation of L–canavanine or L–arginine into protein. Rosenthal GA, et al. **Anal Biochem** 1985 Jun;147(2):428–31

A method for determining oligo– and poly(ADP–ribosyl)ated enzymes and proteins in vitro. Tanaka Y, et al. **Anal Biochem** 1985 Feb 15;145(1):137–43

Whole–body protein breakdown and 3–methylhistidine excretion during brief fasting, starvation, and intravenous repletion in man. Lowry SF, et al. **Ann Surg** 1985 Jul; 202(1):21–7

Evaluation of epididymal function through specific protein on spermatozoa. Del Río AG, et al. **Arch Androl** 1984; 12(2–3):195–6

Menadione–induced cytotoxicity is associated with protein thiol oxidation and alteration in intracellular Ca2+ homeostasis. Di Monte D, et al. **Arch Biochem Biophys** 1984 Dec;235(2):343–50

Effects of beta–lapachone, a peroxide–generating quinone, on macromolecule synthesis and degradation in Trypanosoma cruzi. Goijman SG, et al. **Arch Biochem Biophys** 1985 Jul;240(1):273–80

Determination of anesthetic molecule environments by infrared spectroscopy. II. Multiple sites for nitrous oxide in proteins, lipids, and brain tissue. Hazzard JH, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):747–56

125I–glycoconjugate labels for identifying sites of protein catabolism in vivo: effect of structure and chemistry of coupling to protein on label entrapment in cells after protein degradation. Strobel JL, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):635–45

Interactions of glucocorticoids with the AtT–20 cell: effect on protein accumulation. Svec F. **Arch Biochem Biophys** 1985 Jul;240(1):184–90

Enterocyte microvillus can phosphorylate molecules which inhibit endogenous phosphorylation of its proteins. Dupuis Y, et al. **Arch Int Physiol Biochim** 1984 Apr;92(1):1–11

Protein catabolism following stroke [letter] Mountokalakis T, et al. **Arch Intern Med** 1984 Nov;144(11):2285

Histochemical changes in protein disulphide bonds in rat liver and kidney after chronic cadmium administration, and the possible relation to metallothionein. Morselt AF, et al. **Arch Toxicol** 1984 Sep;55(3):155–60

Enhanced expression of a high–molecular–weight protein in arteriosclerotic plaques. Penn A, et al. **Atherosclerosis** 1984 Oct;53(1):31–6

The PDC–109 protein from bovine seminal plasma is similar to the gelatin–binding domain of bovine fibronectin and a kringle domain of human tissue–type plasminogen activator. Baker ME. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1010–4

Endogenous free radical generation may influence proteolysis in mitochondria. Dean RT, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1082–9

Forskolin and 12–0–tetradecanoylphorbol–13–acetate mimic thyrotropin–stimulated protein iodination in mouse thyroid. Levasseur S, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):858–63

Ginseng extract inhibits protein degradation and stimulates protein synthesis in human fibroblasts. Lu ZQ, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):636–40

Effect of divalent metal ions and glycerol on the GTPase activity of H–ras proteins. Manne V, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1440–6

PGE1 not PGF2 alpha reverses the anti–actin antibody stimulation of protein phosphorylation and DNA synthesis in L cells. Shearer WT, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):23–8

Influence of 2–mercaptopropionylglycine on DMBA–induced biochemical changes in regenerating mouse liver: II. Glucose–6–phosphate dehydrogenase, malic enzyme DNA, and protein. Dixit A, et al. **Biochem Int** 1983 Dec;7(6):775–83

Protein–bound glycogen is linked to tyrosine residues. Aon MA, et al. **Biochem J** 1985 Jul 1;229(1):269–73

Design and synthesis of a consensus signal sequence that inhibits protein translocation into rough microsomal vesicles. Austen BM, et al. **Biochem J** 1984 Nov 15; 224(1):317–25

Structure and interactions of cartilage proteoglycan binding region and link protein. Bonnet F, et al. **Biochem J** 1985 May 15;228(1):77–85

Characterization of [3H]di–isopropyl phosphorofluoridate–binding proteins in hen brain. Rates of phosphorylation and sensitivity to neurotoxic and non–neurotoxic organophosphorus compounds. Carrington CD, et al. **Biochem J** 1985 Jun 15;228(3):537–44

Protein phosphorylation in permeabilized pancreatic islet cells. Colca JR, et al. **Biochem J** 1985 Jun 15;228(3):529–36

Degradation of erythrocyte–microinjected and scrape–loaded homologous cytosolic proteins by 3T3–L1 cells. Doherty FJ, et al. **Biochem J** 1985 Mar 15; 226(3):685–95

Induction of selective phosphorylation of a fat body protein of Sarcophaga peregrina larvae by 20–hydroxyecdysone. Itoh K, et al. **Biochem J** 1985 Apr 15;227(2):683–8

Monoacetoacetin and protein metabolism during parenteral nutrition in burned rats. Maiz A, et al. **Biochem J** 1985 Feb 15;226(1):43–50

Extracellular and cellular proteins of rat cells with O–glycosidically linked fucose. Morton PA, et al. **Biochem J** 1985 Jan 1;225(1):59–65

Accumulation of ornithine decarboxylase–antizyme complex in HMOA cells. Murakami Y, et al. **Biochem J** 1985 Feb 1;225(3):689–97

Role of antizyme in degradation of ornithine decarboxylase in HTC cells. Murakami Y, et al. **Biochem J** 1985 Mar 15;226(3):893–6

Protein–peptide conjugation by a two–phase reaction [letter] Myers DA, et al. **Biochem J** 1985 Apr 1;227(1):343

Kinetics of protein modification reactions. Plot of fractional enzyme activity versus extent of protein modification in cases where all modifiable groups are essential for enzyme activity. Rakitzis ET. **Biochem J** 1984 Oct 1;223(1):259–62

Altered protein kinetics in vivo after single–limb burn injury. Shangraw RE, et al. **Biochem J** 1984 Nov 1;223(3):747–53

Analytical errors in measuring radioactivity in cell proteins and their effect on estimates of protein turnover in L cells. Silverman JA, et al. **Biochem J** 1985 Mar 1;226(2):361–8

Specific changes in the protein composition of rat liver in response to the peroxisome proliferators ciprofibrate, Wy–14,643 and di–(2–ethylhexyl)phthalate. Watanabe T, et al. **Biochem J** 1985 May 1;227(3):767–75

Effects of nitroheterocyclic drugs on macromolecule synthesis and degradation in Trypanosoma cruzi. Goijman SG, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1331–6

Irreversible binding of etoposide (VP–16–213) to deoxyribonucleic acid and proteins. Sinha BK, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3725–8

The ATP–dependent breakdown of proteins in mammalian mitochondria. Desautels M, et al. **Biochem Soc Trans** 1985 Apr;13(2):290–3

The role of guanine nucleotides in translational control by protein phosphorylation. Siekierka J, et al. **Biochem Soc Trans** 1985 Aug;13(4):671–3

Processing of secretory proteins. Taylor JA, et al. **Biochem Soc Trans** 1984 Dec;12(6):974–6

The vitamin K–dependent carboxylation of proteins. Vermeer C, et al. **Biochem Soc Trans** 1984 Dec;12(6):922–4

Mechanism of protein salting in and salting out by divalent cation salts: balance between hydration and salt binding. Arakawa T, et al. **Biochemistry** 1984 Dec 4;23(25):5912–23

Catalytic utilization of eIF–2 and mRNA binding proteins are limiting in lysates from vesicular stomatitis virus infected L cells. Dratewka–Kos E, et al. **Biochemistry** 1984 •Dec 4;23(25):6184–90

Effect of buffer on kinetics of proton equilibration with a protonable group. Gutman M, et al. **Biochemistry** 1985 Jun 4;24(12):2937–41

Effects of a surfactant–associated protein and calcium ions on the structure and surface activity of lung surfactant lipids. Hawgood S, et al. **Biochemistry** 1985 Jan 1; 24(1):184–90

Isolation of a heme–controlled inhibitor of translation that blocks the interaction between messenger rna and eukaryotic initiation factor 2. Knoller S, et al. **Biochemistry** 1984 May 22;23(11):2462–9

Equilibrium constant for binding of an actin filament capping protein to the barbed end of actin filaments. Wanger M, et al. **Biochemistry** 1985 Feb 12;24(4):1035–40

Amino acid sequence at the site on protein phosphatase inhibitor–2, phosphorylated by glycogen synthase kinase–3. Aitken A, et al. **Biochim Biophys Acta** 1984 Nov 9; 790(3):288–91

Presence of di– and polyamines covalently bound to protein in rat liver. Beninati S, et al. **Biochim Biophys Acta** 1985 Jul 26;841(1):120–6

Interaction between F1–ATPase and its naturally occurring inhibitor protein. Studies using a specific anti–inhibitor antibody. Husain I, et al. **Biochim Biophys Acta** 1985 Jan 23;806(1):64–74

Carbamylcholine and thyrotropin activate distinctive pathways of protein phosphorylation in dog thyroid. Lamy FM, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):301–5

Comparative effects of cytochalasin D on the protein discharge induced by alpha– and beta–adrenergic or cholinergic agonists in rat exorbital lacrimal glands. Muller P, et al. **Biochim Biophys Acta** 1985 Feb 21;844(2):158–66

Selective effects of CAPP1–calmodulin on its target proteins. Newton D, et al. **Biochim Biophys Acta** 1985 Jun 30; 845(3):533–9

Further results on lipase–colipase interactions studied by affinity chromatography. Alessandri JM, et al. **Biochimie** 1984 Nov–Dec;66(11–12):663–72

Protein conservation by the immature intestine. Sivan Y, et al. **Biol Neonate** 1985;47(1):32–5

Protein, cholesterol, acid phosphatase and aspartate aminotransaminase in the seminal plasma of turkeys (Meleagris gallopavo) producing normal white or abnormal yellow semen. Hess RA, et al. **Biol Reprod** 1984 Sep; 31(2):239–43

Characterization of deciduoma marker proteins in hamster uterus: detection in decidual cell cultures. Leavitt WW, et al. **Biol Reprod** 1985 Apr;32(3):631–43

Preparation of CO2 from blood and protein–bound amino acid carboxyl groups for quantification and 13C–isotope measurements. Read WW, et al. **Biomed Mass Spectrom** 1984 Jul;11(7):348–52

Absolute measurement of enhanced fluctuations in assemblies of biomolecules by ultrasonic techniques. Cerf R. **Biophys J** 1985 Jun;47(6):751–6

Matrix protein profiles in calf bone development. Conn KM, et al. **Bone** 1985;6(1):33–6

Undernutrition in sheep. The effect of supplementation with protein on protein accretion. Fattet I, et al. **Br J Nutr** 1984 Nov;52(3):561–74

Demonstration of a reduction in postoperative body protein breakdown using the Clinitron fluidized bed with an ambient temperature of 32 degrees C. Jones GA, et al. **Br J Surg** 1985 Jul;72(7):574–8

Effect of phenytoin on intracellular calcium and intracellular protein changes during pentylenetetrazole–induced bursting activity in snail neurons. Sugaya E, et al. **Brain Res** 1985 Feb 18;327(1–2):161–8

Effect of the benzene fraction of petroleum on protein content in rat liver and kidney. Bong M, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):45–54

Aspects of amino acid and protein metabolism in cancer–bearing states. Landel AM, et al. **Cancer** 1985 Jan 1;55(1 Suppl):230–7 (63 ref.)

Selective phosphorylation of cytosol proteins associated with transformation and restoration of normal phenotype in AKR mouse embryo fibroblasts. Chakrabarty S, et al. **Cancer Res** 1985 May;45(5):2170–6

Differential phosphorylation events associated with phorbol ester effects on acceleration versus inhibition of cell growth. Feuerstein N, et al. **Cancer Res** 1984 Nov; 44(11):5227–33

Phorbol ester–mediated protein phosphorylations in S49 mouse lymphoma cells. Kiss Z, et al. **Cancer Res** 1985 Jun; 45(6):2732–40

Translocation of phospholipid–sensitive Ca2+–dependent protein kinase and its substrate, Mr 38,000 protein, in chronic myelocytic and acute myelocytic leukemias. Sakurada K, et al. **Cancer Res** 1985 Feb;45(2):903–8

Effect of phenobarbital and other liver monooxygenase modifiers on dimethylnitrosamine–induced alkylation of rat liver macromolecules. Schwarz M, et al. **Cancer Res** 1985 May;45(5):2020–4

Redistribution of phospholipid/calcium–dependent protein kinase and altered phosphorylation of its soluble and particulate substrate proteins in phorbol ester–treated rat pancreatic acini. Wooten MW, et al. **Cancer Res** 1985 Aug; 45(8):3912–7

Methyl 4–O–(4–alpha–D–glucopyranosyloxy–4–methoxybutyl)–al ++glucopyranosi de, a modified oligosaccharide for studying interactions of carbohydrates with multisite proteins. Jegge S, et al. **Carbohydr Res** 1984 Oct 15; 133(2):247–54

Methylglyoxal–induced DNA–protein cross–links and cytotoxicity in Chinese hamster ovary cells. Brambilla G, et al. **Carcinogenesis** 1985 May;6(5):683–6

Absence of DNA breaks during repair of DNA–protein cross–links induced by the mycotoxin botryodiplodin in mammalian cells. Moulé Y, et al. **Carcinogenesis** 1984 Oct; 5(10):1375–7

The host protein required for in vitro replication of poliovirus is a protein kinase that phosphorylates eukaryotic initiation factor–2. Morrow CD, et al. **Cell** 1985 Apr;40(4):913–21

Intracellular and secreted proteins of density–inhibited, serum–arrested and proliferating mouse embryo cells. Subramaniam M, et al. **Cell Biol Int Rep** 1985 Jan;9(1):51–60

Turnover of nascent proteins in HeLa–S3 cells and the quasi–linear incorporation kinetics of amino acids. Wheatley DN, et al. **Cell Biol Int Rep** 1985 May;9(5):463–70

Histochemical changes in protein–bound SH and SS groups in submandibular glands of gonadectomized and sex hormone treated mice. Takai Y, et al. **Cell Mol Biol** 1984; 30(5):463–70

Uptake of horseradish peroxidase by bone cells during endochondral bone development. Sasaki T, et al. **Cell Tissue Res** 1985;239(3):547–53

Photochemical reactions of fentichlor with soluble proteins. Rickwood DM, et al. **Chem Biol Interact** 1984 Dec; 52(2):213–22

Studies on a sphingolipid activator protein (SAP–2) in fibroblasts from patients with lysosomal storage diseases, including Niemann–Pick disease Type C. Fujibayashi S, et al. **Clin Chim Acta** 1985 Mar 15;146(2–3):147–56

Relationship between the changes in serum thyroid hormone levels and protein status during prolonged protein supplemented caloric deprivation. Kaptein EM, et al. **Clin Endocrinol (Oxf)** 1985 Jan;22(1):1–15

Immunolocalization of gamma–carboxyglutamic acid–containing proteins in developing molar tooth germs of the rat. Bronckers AL, et al. **Coll Relat Res** 1985 Jan; 5(1):17–22

Regulation of type I collagen fibril assembly by link protein and proteoglycans. Chandrasekhar S, et al. **Coll Relat Res** 1984 Oct;4(5):323–37

Protein and amino acid catabolism in Trypanosoma cruzi. Cazzulo JJ. **Comp Biochem Physiol [B]** 1984;79(3):309–20 (86 ref.)

Effects of cadmium toxicity upon the in vivo and in vitro activity of proteins and five enzymes in blood serum and tissue homogenates of Mugil cephalus. Hilmy AM, et al. **Comp Biochem Physiol [C]** 1985;81(1):145–53

Kidney, small proteins and drugs. 3rd International Symposium of Nephrology. Montecatini Terme, May 3–5, 1983. **Contrib Nephrol** 1984;42:1–261

Kinetics of renal catabolism of absorbed proteins: influence of lysosomal pH. Camargo MJ, et al. **Contrib Nephrol** 1984; 42:19–29

Effects of aminoglycoside treatment on renal protein reabsorption and accumulation. Cojocel C, et al. **Contrib Nephrol** 1984;42:196–201

Mechanism and regulation of protein turnover: effect of the alpha-mannosidase inhibitor, swainsonine, on glycoprotein degradation. Segal HL, et al. **Curr Top Cell Regul** 1984; 24:229–49

Two-dimensional polyacrylamide gel analysis of changes in protein phosphorylation during maturation of Xenopus oocytes. Maller JL, et al. **Dev Biol** 1985 May;109(1):150–6

Rise and fall of protein phosphorylation during meiotic maturation in oocytes of Sabellaria alveolata (polychaete annelid). Peaucellier G, et al. **Dev Biol** 1984 Dec; 106(2):267–74

Crustacean defense strategies II. Recognition, clearance, accumulation and externalization of soluble foreign proteins by the mud-crab Scylla serrata. Mullainadhan P, et al. **Dev Comp Immunol** 1984 Summer;8(3):523–35

Effect of model trauma on the turnover of protein and hemoprotein components of hepatic microsomal membrane in immature rats. George JD, et al. **Dev Pharmacol Ther** 1985;8(4):243–53

Do pancreatic islets contain significant amounts of phosphoenolpyruvate carboxykinase or ferroactivator activity? MacDonald MJ, et al. **Diabetes** 1985 Mar; 34(3):246–50

Properties of isolated human islets of Langerhans: insulin secretion, glucose oxidation and protein phosphorylation. Harrison DE, et al. **Diabetologia** 1985 Feb;28(2):99–103

Testis cell-specific proteins in testosterone-treated rat ovaries. Schindler H, et al. **Differentiation** 1984;27(2):113–9

Studies on the attachment of myristic and palmitic acid to cell proteins in human squamous carcinoma cell lines: evidence for two pathways. McIlhinney RA, et al. **EMBO J** 1985 May;4(5):1145–52

Two classes of fatty acid acylated proteins exist in eukaryotic cells. Magee AI, et al. **EMBO J** 1985 May;4(5):1137–44

Protein utilization in growth: effect of lysine deficiency on serum growth hormone, somatomedins, insulin, total thyroxine (T4) and triiodothyronine, free T4 index, and total corticosterone. Cree TC, et al. **Endocrinology** 1985 Aug;117(2):667–73

Protein turnover in the in vitro perfused working rat heart. Sugden PH, et al. **Eur Heart J** 1984 Dec;5 Suppl F:147–53

Release of the inhibitory action of the natural ATPase inhibitor protein on the mitochondrial ATPase. Beltrán C, et al. **Eur J Biochem** 1984 Oct 1;144(1):151–7

Effect of amino acid metabolites on lysosomal protein degradation. A regulatory role for kynurenine? Grinde B. **Eur J Biochem** 1984 Dec 17;145(3):623–7

Human placental neuraminidase. Activation, stabilization and association with beta-galactosidase and its protective protein. Verheijen FW, et al. **Eur J Biochem** 1985 Jun 3; 149(2):315–21

Identification and spatial arrangement of high molecular weight proteins (Mr 300 000–330 000) co-assembling with microtubules from a cultured cell line (rat glioma C6). Koszka C, et al. **Eur J Cell Biol** 1985 Jul;38(1):149–56

Rate of protein transport in thyroid follicle cells of normal, thyroxine-treated and TSH-injected rats. Ofverholm T, et al. **Eur J Cell Biol** 1984 Nov;35(2):171–9

Morphological integrity of single adult cardiac myocytes isolated by collagenase treatment: immunolocalization of tubulin, microtubule-associated proteins 1 and 2, plectin, vimentin, and vinculin. Zernig G, et al. **Eur J Cell Biol** 1985 Jul;38(1):113–22

Desaggregation of PAF-acether-aggregated platelets by verapamil and TMB-8 with reversal of phosphorylation of 40K and 20K proteins. Khan SN, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):189–98

Biochemical characteristics of the proteins secreted by dog prostate, a review. Dubé JY, et al. **Exp Biol** 1985; 43(3):149–59 (34 ref.)

Spatial interrelationships between proteoglycans and extracellular matrix proteins in cell cultures. Avnur Z, et al. **Exp Cell Res** 1985 Jun;158(2):321–32

Regulation of protein breakdown by epidermal growth factor in A431 cells. Ballard FJ. **Exp Cell Res** 1985 Mar; 157(1):172–80

Participation of lysosomes in basal proteolysis in perfused rat liver. Discrepancy between leupeptin-induced lysosomal enlargement and inhibition of proteolysis. Henell F, et al. **Exp Cell Res** 1985 May;158(1):257–62

Effect of amino acids and cycloheximide on changes caused by vinblastine, leupeptin and methylamine in the autophagic/lysosomal system of mouse hepatocytes in vivo. Kovács AL, et al. **Exp Cell Res** 1985 Mar;157(1):83–94

Doubling of cell mass is not necessary in order to achieve cell division in cultured human cells. Rønning OW, et al. **Exp Cell Res** 1984 Nov;155(1):267–72

Effect of different growth factors on cell cycle traverse and protein growth of human cells in culture. Rønning OW, et al. **Exp Cell Res** 1985 Mar;157(1):29–40

Reduced autophagic activity, improved protein balance and enhanced in vitro survival of hepatocytes isolated from carcinogen-treated rats. Schwarze PE, et al. **Exp Cell Res** 1985 Mar;157(1):15–28

Amino acid control of protein degradation in normal and leukemic human lymphocytes. Seglen PO, et al. **Exp Cell Res** 1984 Nov;155(1):121–8

Investigation of the mechanism of protein turnover in HeLa S-3 cells by incubation at elevated temperatures. Wheatley DN. **Exp Cell Res** 1985 Mar;157(1):159–71

Physiological activity of pulmonary surfactant with low protein content: effect of enrichment with synthetic phospholipids. Berggren P, et al. **Exp Lung Res** 1985; 8(1):29–51

Uptake--microautophagy--and degradation of exogenous proteins by isolated rat liver lysosomes. Effects of pH, ATP, and inhibitors of proteolysis. Ahlberg J, et al. **Exp Mol Pathol** 1985 Feb;42(1):78–88

Acid and neutral cysteine proteinase inhibitor in normal uterine portio and in squamo-epithelial metaplasia, dysplasias and infiltrative carcinoma of the uterine portio. Rinne A, et al. **Exp Pathol** 1984;26(2):67–70

Fluid and protein clearance in the rat endometrium. Part II: Ultrastructural evidence for the presence of alternative, non-lymphatic clearance mechanisms in the rat endometrium. Cornillie FJ, et al. **Experientia** 1984 Nov 15; 40(11):1264–6

Increase of alcohol dehydrogenase and protein content of liver following chronic ethanol administration. Buris L, et al. **FEBS Lett** 1985 Apr 8;183(1):143–4

Phosphoprotein phosphatase inhibitor-2 is phosphorylated at both serine and threonine residues in mouse diaphragm. DePaoli-Roach AA, et al. **FEBS Lett** 1985 Apr 22; 183(2):423–9

Dephosphorylation of the deinhibitor protein by the PCSH protein phosphatase. Goris J, et al. **FEBS Lett** 1985 Sep 2;188(2):262–6

The contribution of alpha-helices to the surface activities of proteins. Krebs KE, et al. **FEBS Lett** 1984 Oct 1; 175(2):263–6

GTP interacts with the gamma-subunit of eukaryotic initiation factor eIF-2. Kurzchalia TV, et al. **FEBS Lett** 1984 Oct 1;175(2):313–6

Crystal and molecular structure of the inhibitor eglin from leeches in complex with subtilisin Carlsberg. McPhalen CA, et al. **FEBS Lett** 1985 Aug 19;188(1):55–8

An ammonium sulphate fraction from rabbit reticulocytes increases the release of proteins from rat liver mitochondria. Miralles VJ, et al. **FEBS Lett** 1985 Feb 11; 181(1):39–42

Interaction between the mitochondrial ATP synthetase and ATPase inhibitor protein. Active/inactive slow pH-dependent transitions of the inhibitor protein. Panchenko MV, et al. **FEBS Lett** 1985 May 20; 184(2):226–30

Mechanism of protein biosynthesis in prokaryotic cells. Effect of initiation factor IF1 on the initial rate of 30 S initiation complex formation. Pon CL, et al. **FEBS Lett** 1984 Oct 1;175(2):203–7

Synexin binds in a calcium-dependent fashion to oriented chromaffin cell plasma membranes. Scott JH, et al. **FEBS Lett** 1985 Jan 21;180(1):17–23

Interaction of bovine seminalplasmin with Escherichia coli RNA polymerase in the presence of rifampicin. Sitaram N, et al. **FEBS Lett** 1985 Mar 11;182(1):77–80

Degradation of peptides and proteins of different sizes by homogenates of human MRC5 lung fibroblasts. Aged cells have a decreased ability to degrade shortened proteins. Wharton SA, et al. **FEBS Lett** 1985 May 20;184(2):249–53

Trypsin activation of porcine procolipase. Kinetics of activation and effects on lipid binding. Wieloch T. **FEBS Lett** 1985 Jun 3;185(1):63–6

Protein metabolism during endurance exercise. Dohm GL, et al. **Fed Proc** 1985 Feb;44(2):348–52 (34 ref.)

Effect of neutrophil migration induced by leukotriene B4 on protein permeability in sheep lung. Staub NC, et al. **Fed Proc** 1985 Jan;44(1 Pt 1):30–5

Effect of isoproterenol on protein phosphorylation in myocardial ischaemia. Krause EG, et al. **Gen Physiol Biophys** 1984 Jun;3(3):193–9

Effect of age on the accumulation of lung protein following unilateral pneumonectomy in rats. Rannels DE, et al. **Growth** 1984 Autumn;48(3):297–308

Sources of proteins in human bile. Mullock BM, et al. **Gut** 1985 May;26(5):500–9

Whole-body protein turnover in Jamaican women during normal pregnancy. de Benoist B, et al. **Hum Nutr Clin Nutr** 1985 May;39(3):167–79

Relationship of the menstrual cycle and thyroid hormones to whole-body protein turnover in women. Garrel DR, et al. **Hum Nutr Clin Nutr** 1985 Jan;39(1):29–37

The effect of insulin infusion on whole-body protein metabolism in patients with gastrointestinal disease fed parenterally. Powell-Tuck J, et al. **Hum Nutr Clin Nutr** 1985 May;39(3):181–91

Methylation of protein and nucleic acids in vivo: use of trideuteromethylating agents or precursors. Shuker DE, et al. **IARC Sci Publ** 1984;(57):589–94

Interaction of bull sperm deoxyribonucleic acid with basic proteins. Jagannadham MV, et al. **Indian J Biochem Biophys** 1984 Aug;21(4):263–5

Valuation of protein metabolism and albumin in patients submitted to peripheral parenteral nutrition (PPN). Schwartz S, et al. **Infusionsther Klin Ernahr** 1984 Jun; 11(3):137–40

Differences in protein phosphorylation in vivo and in vitro between wild type and dunce mutant strains of Drosophila melanogaster. Dévay P, et al. **Int J Biochem** 1984; 16(12):1401–8

A possible origin of chemiluminsecence in phagocytosing neutrophils. Myeloperoxidase-mediated chlorination of proteins and tryptophan. Zgliczyński JM, et al. **Int J Biochem** 1985;17(3):393–7

Effects of concentric and eccentric exercise on protein catabolism in man. Plante PD, et al. **Int J Sports Med** 1984 Aug;5(4):174–8

Phospholipid-protein ratio in brain of suckling rabbits treated with an organophosphorus compound. Maslinska D, et al. **Int J Tissue React** 1984;6(4):317–22

Effect of starvation on degradation of rat liver nuclear proteins. Shyamala V. **Int J Vitam Nutr Res** 1984; 54(4):393–9

Transport of proteins into mitochondria. Doonan S, et al. **Int Rev Cytol** 1984;91:141–86 (200 ref.)

Hypothesis. Glucose as a mediator of aging. Cerami A. **J Am Geriatr Soc** 1985 Sep;33(9):626–34 (52 ref.)

Efficiency of feed energy utilization for protein and fat gain in Hereford and Charolais steers. Old CA, et al. **J Anim Sci** 1985 Mar;60(3):766–71

Ovarian and uterine morphology and function in Angus and Brahman cows. Segerson EC, et al. **J Anim Sci** 1984 Oct; 59(4):1026–46

Lung protein leaks in ventilated lambs: effects of gestational age. Jobe A, et al. **J Appl Physiol** 1985 Apr;58(4):1246–51

Regional protein absorption rates from the pleural cavity in dogs. Negrini D, et al. **J Appl Physiol** 1985 Jun;58(6):2062–7

Alveolar permeability to protein in rats differentially susceptible to ozone. Costa DL, et al. **J Appl Toxicol** 1985 Jun;5(3):182–6

Comparison of protein sulfation in control and virus-transformed baby hamster kidney cells. Fukui S, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1783–8

Specific phosphorylation of pig liver initiation factor eIF-2 by the N-ethylmaleimide-treated hemin-controlled translational inhibitor. Suzuki H, et al. **J Biochem (Tokyo)** 1985 Apr;97(4):1061–6

Mechanism of stimulation of globin synthesis by adenosine-3',5'-monophosphate and guanosine 5'-triphosphate in a rabbit reticulocyte lysate system. Suzuki H, et al. **J Biochem (Tokyo)** 1985 May; 97(5):1289–300

Degradation of short and long lived proteins in isolated rat liver lysosomes. Effects of pH, temperature, and proteolytic inhibitors. Ahlberg J, et al. **J Biol Chem** 1985 May 10; 260(9):5847–54

A comparative study of the characteristics of eIF-2 and eIF-2-ancillary factor activities from yeast Saccharomyces cerevisiae and rabbit reticulocytes. Ahmad MF, et al. **J Biol Chem** 1985 Jun 10;260(11):6960–5

Protein synthesis in rabbit reticulocytes. A study of the roles of Co-eIF-2, Co-eIF-2A80, and GDP in peptide chain initiation. Bagchi MK, et al. **J Biol Chem** 1985 Jun 10; 260(11):6950–4

Phosphatidylinositol-specific phospholipase C activity of chromaffin granule-binding proteins. Creutz CE, et al. **J Biol Chem** 1985 Jun 25;260(12):7171–3

Kinetics of dephosphorylation of eIF-2(alpha P) and reutilization of mRNA. De Benedetti A, et al. **J Biol Chem** 1985 Mar 10;260(5):3135–9

Ultrasensitivity in biochemical systems controlled by covalent modification. Interplay between zero-order and multistep effects. Goldbeter A, et al. **J Biol Chem** 1984 Dec 10;259(23):14441–7

The ATP dependence of the degradation of short- and long-lived proteins in growing fibroblasts. Gronostajski RM, et al. **J Biol Chem** 1985 Mar 25;260(6):3344–9

DARPP-32, a dopamine- and adenosine 3':5'-monophosphate-regulated neuronal phosphoprotein. II. Comparison of the kinetics of phosphorylation of DARPP-32 and phosphatase inhibitor 1. Hemmings HC Jr, et al. **J Biol Chem** 1984 Dec 10;259(23):14491–7

Endocytosis, proteolysis, and exocytosis of exogenous proteins by cultured myotubes. Janeczko RA, et al. **J Biol Chem** 1985 Jun 10;260(11):7051–8

Evidence for two different active sites on human beta-hexosaminidase A. Interaction of GM2 activator protein with beta-hexosaminidase A. Kytzia HJ, et al. **J Biol Chem** 1985 Jun 25;260(12):7568–72

Reinvestigation of the inhibition of actin polymerization by profilin. Lal AA, et al. **J Biol Chem** 1985 Aug 25; 260(18):10132–8

Changes in the synthesis and phosphorylation of cellular proteins in chick fibroblasts transformed by two avian sarcoma viruses. Maytin EV, et al. **J Biol Chem** 1984 Oct 10;259(19):12135–43

Characterization of glycated proteins by 13C NMR spectroscopy. Identification of specific sites of protein modification by glucose. Neglia CI, et al. **J Biol Chem** 1985 May 10;260(9):5406–10

Specificity of fatty acid acylation of cellular proteins. Olson EN, et al. **J Biol Chem** 1985 Mar 25;260(6):3784–90

Isoproterenol-induced phosphorylation of a 15-kilodalton sarcolemmal protein in intact myocardium. Presti CF, et al. **J Biol Chem** 1985 Mar 25;260(6):3860–7

Formation and release of eukaryotic initiation factor 2 X GDP complex during eukaryotic ribosomal polypeptide chain initiation complex formation. Raychaudhuri P, et al. **J Biol Chem** 1985 Feb 25;260(4):2140–5

Mechanism of interferon action. Increased phosphorylation of protein synthesis initiation factor eIF-2 alpha in interferon-treated, reovirus-infected mouse L929 fibroblasts in vitro and in vivo. Samuel CE, et al. **J Biol Chem** 1984 Nov 10;259(21):13451–7

Epidermal growth factor stimulates the phosphorylation of the calcium-dependent 35,000-dalton substrate in intact A-431 cells. Sawyer ST, et al. **J Biol Chem** 1985 Jul 15; 260(14):8233–6

Hybridization selection of nucleic acid-protein complexes. 1. Detection of proteins cross-linked to specific mRNAs and DNA sequences by irradiation of intact Escherichia coli cells with ultraviolet light. Schouten JP. **J Biol Chem** 1985 Aug 15;260(17):9916–28

Hybridization selection of covalent nucleic acid-protein complexes. 2. Cross-linking of proteins to specific Escherichia coli mRNAs and DNA sequences by formaldehyde treatment of intact cells. Schouten JP. **J Biol Chem** 1985 Aug 15;260(17):9929–35

Inhibition of macrophage phagocytosis by methylation inhibitors. Lack of correlation of protein carboxymethylation and phospholipid methylation with phagocytosis. Sung SJ, et al. **J Biol Chem** 1985 Jan 10; 260(1):546–54

The 60 S ribosomal subunit as a carrier of eukaryotic initiation factor 2 and the site of reversing factor activity during protein synthesis. Thomas NS, et al. **J Biol Chem** 1985 Aug 15;260(17):9860–6

Changes in protein phosphorylation during the cell cycle of Chinese hamster ovary cells. Westwood JT, et al. **J Biol Chem** 1985 Aug 25;260(18):10308–13

Inositol 1,4,5-trisphosphate stimulates phosphorylation of a 62,000-dalton protein in monkey fibroblast and bovine brain cell lysates. Whitman MR, et al. **J Biol Chem** 1984 Nov 25;259(22):13652–5

Replacement perfusion of cultured eucaryotic cells: a method for the accurate measurement of the rates of growth, protein synthesis, and protein turnover. Spanier AM, et al. **J Cell Biochem** 1984;26(1):47–64

Normal and perturbed Chinese hamster ovary cells: correlation of DNA, RNA, and protein content by flow cytometry. Crissman HA, et al. **J Cell Biol** 1985 Jul; 101(1):141–7

Stability and movement of mRNAs and their encoded proteins in Xenopus oocytes. Drummond DR, et al. **J Cell Biol** 1985 Apr;100(4):1148–56

An immunological approach to enrich a mitotic stimulator and to reveal G2-phase-specific proteins in Physarum polycephalum. Gröbner P, et al. **J Cell Biol** 1985 Jun; 100(6):1930–3

The major tyrosine-sulfated protein of the bovine anterior pituitary is a secretory protein present in gonadotrophs, thyrotrophs, mammotrophs, and corticotrophs. Rosa P, et al. **J Cell Biol** 1985 Mar;100(3):928–37

The effects of lysosomotropic amines on protein degradation, migration of nonhistone proteins to the nucleus, and cathepsin D in lymphocytes. Polet H. **J Cell Physiol** 1985 Mar;122(3):415–23

Platelet thrombospondin forms a trimolecular complex with plasminogen and histidine-rich glycoprotein. Silverstein RL, et al. **J Clin Invest** 1985 Jun;75(6):2065–73

Inhibitors of protein synthesis also inhibit lysosomal proteolysis. Studies using cystinotic fibroblasts. Thoene JG, et al. **J Clin Invest** 1985 Feb;75(2):370–6

Transport of urokinase across the intestinal tract of normal human subjects with stimulation of synthesis and/or release of urokinase-type proteins. Toki N, et al. **J Clin Invest** 1985 Apr;75(4):1212–22

Growth and aging in the rat: changes in total protein, cellularity, and polyploidy in various organs. Bohman R, et al. **J Exp Zool** 1985 Mar;233(3):385–96

Topographic localization of a 116,000-dalton protein in cartilage. Fife RS, et al. **J Histochem Cytochem** 1985 Feb; 33(2):127–33

Abundance and tissue distribution of selenocysteine-containing proteins in the rat. Hawkes WC, et al. **J Inorg Biochem** 1985 Feb;23(2):77–92

Covalent binding of acetaldehyde to hepatic proteins during ethanol oxidation. Medina VA, et al. **J Lab Clin Med** 1985 Jan;105(1):5–10

Uridine 5'-diphosphate glucose analogues. Inhibitors of protein glycosylation that show antiviral activity. Camarasa MJ, et al. **J Med Chem** 1985 Jan;28(1):40–6

Protein turnover in brain of the rat fetus. Johnson JD. **J Neurochem** 1985 Jan;44(1):260–4

On the effects and mechanism(s) of action of 2-mercaptopropionylglycine (MPG) as a radioprotector on murine liver measured by changes in ribonucleic acid and protein contents: findings and hypothesis. Kumar Gupta N, et al. **J Nucl Med Allied Sci** 1984 Oct–Dec;28(4):257–62

Protein turnover in insulin-treated, alloxan-diabetic lean and obese Zucker rats. Chan CP, et al. **J Nutr** 1985 Aug; 115(8):959–69

Whole-body protein turnover in chicks at early stages of growth. Muramatsu T, et al. **J Nutr** 1985 Apr;115(4):483–90

Simulation of normal protein accretion in rats. Oltjen JW, et al. **J Nutr** 1985 Jan;115(1):45–52

Response surfaces of body protein and energy gains in growing chicks fed diets over the entire range of compositions of protein, fat and carbohydrate. Toyomizu M, et al. **J Nutr** 1985 Jan;115(1):61–9

The concerted effects of thyroid function and dietary protein on growth and protein metabolism in mice at different growth stages. Hayashi K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Jun;30(3):235–44

The effect of 1,25-dihydroxycholecalciferol on the changes of bone gamma-carboxyglutamic acid-containing protein in bone and serum of developing chick. Tsutsumi C, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Feb;31(1):21–8

The effect of colchicine on translocation of incorporated [3H] proline in Hymenolepis diminuta. Etges DJ, et al. **J Parasitol** 1985 Jun;71(3):290–6

Pancreatic lipase, colipase, and cystic fibrosis. Forstner G, et al. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S106–12

Growth, digestion, and protein metabolism in neonatal pigs given diets containing whey as the predominant or only source of milk protein. Newport MJ, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):639–44

Vasopressin-mediated protein phosphorylation in intact toad urinary bladder. Konieczkowski M, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):515–21

The mass balance method for estimating transcapillary protein transport in an extremity. Friedman JJ, et al. **J Trauma** 1985 Mar;25(3):220–3

Changes of protein metabolism in liver and skeletal muscle following trauma complicated by sepsis [letter] Krause R, et al. **J Trauma** 1985 Mar;25(3):276–7

Inhibition of binding to initiation complexes of nascent reovirus mRNA by double-stranded RNA-dependent protein kinase. De Benedetti A, et al. **J Virol** 1985 May; 54(2):408–13

Influence of total parenteral nutrition on protein metabolism following acute injury: assessment by urinary 3-methylhistidine excretion and nitrogen balance. Iapichino G, et al. **JPEN** 1985 Jan–Feb;9(1):42–6

Whole body protein turnover, synthesis, and breakdown in patients receiving total parenteral nutrition before and after recovery from surgical stress. Tashiro T, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul–Aug;9(4):452–5

Studies of human tear proteins. 3. Distribution of specific tear prealbumin in lacrimal glands and other ocular adnexa. Inada K. **Jpn J Ophthalmol** 1984;28(4):315–30

Peritoneal dialysis and loss of proteins: a review. Dulaney JT, et al. **Kidney Int** 1984 Sep;26(3):253–62 (125 ref.)

How salt causes hypertension: the natriuretic hormone-Na/Ca exchange--hypertension hypothesis. Blaustein MP. **Klin Wochenschr** 1985;63 Suppl 3:82–5

Role of a humoral Na+ -K+ pump inhibitor in low renin hypertension. Haddy FJ, et al. **Klin Wochenschr** 1985;63 Suppl 3:78–81 (53 ref.)

Cyclic nucleotide-dependent protein phosphorylation in intestinal epithelium. de Jonge HR. **KROC Found Ser** 1984; 17:263–86 (80 ref.)

Protein phosphorylation and the control of intestinal electrolyte transport. Sharp GW, et al. **KROC Found Ser** 1984;17:241–61 (41 ref.)

Effects of pregnancy on bone matrix proteins in Wistar rats. Mbuyi-Muamba JM, et al. **Lab Anim** 1984 Oct;18(4):339–43

Effects of K+-deficiency and serum supplementation on protein turnover and nucleic acid synthesis in HeLa cells. Sakai T, et al. **Life Sci** 1985 Jan 14;36(2):169–76

Characterization of a cytosolic protein inhibiting lysosomal acid cholesteryl ester hydrolase. Tanaka M, et al. **Lipids** 1984 Oct;19(10):714–20

Altered degradation of intracellular proteins in aging human fibroblasts. Okada AA, et al. **Mech Ageing Dev** 1984 Aug; 26(2–3):341–56

Heterogeneity of protein-synthesis initiation factors in developing and aging rat brain. Vargas R, et al. **Mech Ageing Dev** 1984 Aug;26(2–3):371–8

Mediation of organ specificity in chemical carcinogenesis. Kahng MW. **Med Hypotheses** 1985 Apr;16(4):403–7

Protein metabolism during total parenteral nutrition (TPN) in injured rats using medium-chain triglycerides. Maiz A, et al. **Metabolism** 1984 Oct;33(10):901–9

Structured medium-chain and long-chain triglyceride emulsions are superior to physical mixtures in sparing body protein in the burned rat. Mok KT, et al. **Metabolism** 1984 Oct;33(10):910–5

Effect of inhibitors of proteolysis and arachidonic acid metabolism on burn-induced protein breakdown. Odessey R. **Metabolism** 1985 Jul;34(7):616–20

In vivo racemization in mammalian proteins. Bada JL. **Methods Enzymol** 1984;106:98–115

Disulfide bond formation in proteins. Creighton TE. **Methods Enzymol** 1984;107:305–29

Enzymatic reduction-oxidation of protein disulfides by thioredoxin. Holmgren A. **Methods Enzymol** 1984; 107:295–300

Protein bromination by bromoperoxidase from Penicillus capitatus. Manthey JA, et al. **Methods Enzymol** 1984; 107:439–45

Specific tritium labeling of gamma-carboxyglutamic acid residues in proteins. Price PA. **Methods Enzymol** 1984; 107:544–8

Nonenzymatic formation and isomerization of protein disulfides. Wetlaufer DB. **Methods Enzymol** 1984;107:301–4

The effect of long-term intraarterial norepinephrine infusion on transcapillary fluid and protein transport. Friedman JJ, et al. **Microvasc Res** 1985 Jul;30(1):45–55

Lower atrial natriuretic activity in the newborn versus adult rat. Pollock DM, et al. **Miner Electrolyte Metab** 1985; 11(1):41–4

Protein phosphorylation by intact Babesia bovis. Willadsen P. **Mol Biochem Parasitol** 1984 Jun;12(2):195–205

An experimental approach to evaluation of the relative hydrophobic character of biological liquids and tissues. Zaslavsky BYu, et al. **Mol Cell Biochem** 1985 Jan; 65(2):125–30

Invertase beta-galactosidase hybrid proteins fail to be transported from the endoplasmic reticulum in Saccharomyces cerevisiae. Emr SD, et al. **Mol Cell Biol** 1984 Nov;4(11):2347–55

Mitogen-induced phosphorylation of cytosolic proteins in rabbit T- and B-lymphocytes. Dasch JR, et al. **Mol Immunol** 1985 Apr;22(4):379–89

Identification of the major covalent adduct formed in vitro and in vivo between acetaminophen and mouse liver proteins. Hoffmann KJ, et al. **Mol Pharmacol** 1985 May; 27(5):566–73

Eukaryotic proteins retargetted among cell compartments. Ellis J. **Nature** 1985 Jan 31–Feb 6;313(6001):353–4

Specific interaction between phosphatidylinositol 4,5-bisphosphate and profilactin. Lassing I, et al. **Nature** 1985 Apr 4–10;314(6010):472–4

Evidence for the existence of atrial natriuretic factor-containing neurons in the rat brain. Jacobowitz DM, et al. **Neuroendocrinology** 1985 Jan;40(1):92–4

Concentrations of total and ionic calcium, inorganic phosphorus, magnesium, and protein in maternal and fetal blood and in amniotic fluid in parathyroidectomized pregnant rats. Harada I, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):403–11

Protein digestion and absorption after intestinal resection in rats. **Nutr Rev** 1985 Apr;43(4):122–4

The effect of nutritional rehabilitation on whole body protein metabolism of children with cystic fibrosis. Parsons HG, et al. **Pediatr Res** 1985 Feb;19(2):189–92

Dependence of renal protein reabsorption on glomerular filtration rate and infusion time. Cojocel C, et al. **Pflugers Arch** 1984 Sep;402(1):34–8

Induction of DNA-protein crosslinks in human cells by ultraviolet and visible radiations: action spectrum. Peak JG, et al. **Photochem Photobiol** 1985 Mar;41(3):295–302

Ultrafast processes in biology. Petrich JW, et al. **Photochem Photobiol** 1984 Dec;40(6):775–80 (76 ref.)

Changes in the nucleic acid and protein content of the Japanese quail during postnatal development. Lamošová D. **Physiol Bohemoslov** 1984;33(5):417–26

Role of selected nutrients in synthesis, accumulation, and chemical modification of connective tissue proteins. Tinker D, et al. **Physiol Rev** 1985 Jul;65(3):607–57 (453 ref.)

Specific expression of the human cellular fps/fes-encoded protein NCP92 in normal and leukemic myeloid cells. Feldman RA, et al. **Proc Natl Acad Sci USA** 1985 Apr; 82(8):2379–83

Role of the alpha-amino group of protein in ubiquitin-mediated protein breakdown. Hershko A, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7021–5

Reversibility of arginine-specific mono(ADP-ribosyl)ation: identification in erythrocytes of an ADP-ribose-L-arginine cleavage enzyme. Moss J, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5603–7

Specific membrane receptors for atrial natriuretic factor in renal and vascular tissues. Napier MA, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):5946–50

Effects of phorbol ester on catecholamine secretion and protein phosphorylation in adrenal medullary cell cultures. Pocotte SL, et al. **Proc Natl Acad Sci USA** 1985 Feb; 82(3):930–4

A 20-kDa protein associated with the murine T-cell antigen receptor is phosphorylated in response to activation by antigen or concanavalin A. Samelson LE, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):1969–73

Adenovirus VAI RNA prevents phosphorylation of the eukaryotic initiation factor 2 alpha subunit subsequent to infection. Schneider RJ, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4321–5

Protein digestion and amino acid and peptide absorption. Silk DB, et al. **Proc Nutr Soc** 1985 Feb;44(1):63–72 (89 ref.)

Protein fluctuations and the thermodynamic uncertainty principle. Cooper A. **Prog Biophys Mol Biol** 1984; 44(3):181–214 (65 ref.)

The role of the alpha-helix dipole in protein function and structure. Hol WG. **Prog Biophys Mol Biol** 1985; 45(3):149–95 (226 ref.)

Mapping protein dynamics by X-ray diffraction. Ringe D, et al. **Prog Biophys Mol Biol** 1985;45(3):197–235 (137 ref.)

Basic mechanisms of intracellular proteolysis. **Prog Clin Biol Res** 1985;180:309–15

Intracellular protein catabolism. Proceedings of the Fifth International Symposium on Intracellular Protein Catabolism. May 29–June 2, 1984, Airlie, Virginia. **Prog Clin Biol Res** 1985;180:1–702

Analytic errors in measuring radioactivity in cell protein and their effect of estimates of protein turnover. Amenta JS, et al. **Prog Clin Biol Res** 1985;180:649–51

Regulation of protein degradation in fibroblasts. Anastasi A, et al. **Prog Clin Biol Res** 1985;180:655–7

Coordinate regulation of protein synthesis and breakdown in cultured cells. Ballard FJ, et al. **Prog Clin Biol Res** 1985; 180:585–94

Ca2+, interleukin-1 and failure to maintain normal length stimulate protein degradation in isolated skeletal muscle. Baracos VE, et al. **Prog Clin Biol Res** 1985;180:603–5

Effect of serum deprivation and replacement on proteolysis in cultured human fibroblasts. Berger JJ, et al. **Prog Clin Biol Res** 1985;180:479–81

Protein degradation in rat liver cells. Bohley P, et al. **Prog Clin Biol Res** 1985;180:447–55

Peptide intermediates in the degradation of cellular proteins.

Botbol V, et al. **Prog Clin Biol Res** 1985;180:573-83
Mammalian cell cycle mutant defective in intracellular protein degradation and ubiquitin-protein conjugation. Ciechanover A, et al. **Prog Clin Biol Res** 1985;180:17-31
Protein degradation and lysosomal proteinases in cultured fetal rabbit cardiac myocytes. Decker RS, et al. **Prog Clin Biol Res** 1985;180:627-8
Mechanisms and control of ATP-dependent proteolysis. Etlinger JD, et al. **Prog Clin Biol Res** 1985;180:47-60
Transneuronal transport of protein in the visual system pathways. Fabian RH, et al. **Prog Clin Biol Res** 1985; 176:61-72
Regulation of protein turnover in vivo by insulin and amino acids. Garlick PJ, et al. **Prog Clin Biol Res** 1985;180:555-64
Degradation of short- and long-time labelled proteins by rat liver lysosomes. Glaumann H, et al. **Prog Clin Biol Res** 1985;180:417-26
The ATP dependent pathway for protein breakdown in bacteria and mitochondria. Goldberg AL, et al. **Prog Clin Biol Res** 1985;180:33-45
Aortic perfusion pressure affects cardiac protein turnover. Gordon EE, et al. **Prog Clin Biol Res** 1985;180:521-30
Fate of exogenous proteins after internalization by endocytosis and microinjection in cultured myotubes. Janeczko RA, et al. **Prog Clin Biol Res** 1985;180:467-70
Effect of eccentric exercise on muscle protein degradation. Kasperek GJ, et al. **Prog Clin Biol Res** 1985;180:611-3
Effects of denaturation and methylation on the degradation of proteins in cultured hepatoma cells and in reticulocyte cell-free systems. Katznelson R, et al. **Prog Clin Biol Res** 1985;180:483-5
Serine proteinases and protein breakdown in muscle. Kay J, et al. **Prog Clin Biol Res** 1985;180:195-205
Does glutathione play a role in regulating intracellular proteolysis? Khairallah EA, et al. **Prog Clin Biol Res** 1985; 180:373-83
Minute to minute neuroendocrine control of a major nonlysosomal pathway of myocardial protein degradation by beta-receptor occupancy. Lockwood TD. **Prog Clin Biol Res** 1985;180:619-22
Oxidation of protein sulfhydryl groups as an initial event in protein degradation. McKay MJ, et al. **Prog Clin Biol Res** 1985;180:351-61
Regulation of myofibrillar protease, plasminogen activator and protein degradation in cultured myoblasts. Mayer M. **Prog Clin Biol Res** 1985;180:543-54
Intracellular degradative fate of transplanted and microinjected proteins. Mayer RJ, et al. **Prog Clin Biol Res** 1985;180:395-404
The stimulatory effect of glutathione on proteolysis in mouse kidney lysosome suspensions. Mego JL. **Prog Clin Biol Res** 1985;180:487-9
Role of thyroid, insulin and corticosteroid hormones in the physiological regulation of proteolysis in muscle. Millward DJ, et al. **Prog Clin Biol Res** 1985;180:531-42
Relationships between protein degradation and glucose metabolism in skeletal muscle. Mitch WE, et al. **Prog Clin Biol Res** 1985;180:623-5
Protein turnover in the rat uterus during and after pregnancy. Morton AJ, et al. **Prog Clin Biol Res** 1985;180:641-3
Characteristics of burn-induced proteolysis in skeletal muscle. Odessey R. **Prog Clin Biol Res** 1985;180:615-7
Inhibition of protein degradation and of cellular autophagy in growing as compared to density inhibited fibroblasts. Pfeifer U, et al. **Prog Clin Biol Res** 1985;180:659-61
Amino acid control of hepatic protein degradation: novel requirement for alanine. Pösö AR, et al. **Prog Clin Biol Res** 1985;180:427-36
Covalent modification of proteins by mixed-function oxidation: recognition by intracellular proteases. Rivett AJ, et al. **Prog Clin Biol Res** 1985;180:317-28
Degradation rates and intracellular distributions of structurally characterized proteins injected into HeLa cells. Rogers SW, et al. **Prog Clin Biol Res** 1985;180:405-16
Effect of protease inhibitors on short-term proteolysis in hepatocytes. Russell JL, et al. **Prog Clin Biol Res** 1985; 180:495-7
Pathways of intracellular sequestration and protein degradation in isolated rat hepatocytes. Seglen PO, et al. **Prog Clin Biol Res** 1985;180:437-46
Regulation of protein degradation in differentiated skeletal muscle cells in monolayer culture. Smith RJ. **Prog Clin Biol Res** 1985;180:633-5
Replacement perfusion of cultured eucaryotic cells: a method for the accurate measurement of the rates of growth, protein synthesis and protein turnover. Spanier AM, et al. **Prog Clin Biol Res** 1985;180:645-7
Liver and skeletal muscle protein metabolism in Yoshida ascites hepatoma AH-130-bearing rats. Tessitore L, et al. **Prog Clin Biol Res** 1985;180:599-601
The role of lysosomes in the degradation of myofibrillar and non-myofibrillar proteins in heart. Wildenthal K, et al. **Prog Clin Biol Res** 1985;180:511-20
Metabolic action of prolactin in regressing prostate: independent of androgen action. Smith C, et al. **Prostate** 1985;6(1):49-59
Protein metabolism in growing pigs fed corn or cassava peel based diets containing graded protein levels. Tewe OO. **Res Vet Sci** 1985 May;38(3):259-63
Transmission electron microscopic studies on articular calcium crystals and associated protein coatings. Schumacher HR, et al. **Scan Electron Microsc** 1984;(Pt 2):965-8
Estimation of lymphatic conductance. A model based on protein-kinetic studies and haemodynamic measurements in patients with cirrhosis of the liver and in pigs. Henriksen JH. **Scand J Clin Lab Invest** 1985 Apr;45(2):123-30
Synthetic protease inhibitors and post-ejaculatory degradation of human semen proteins. Lilja H, et al. **Scand J Clin Lab Invest** 1984 Sep;44(5):433-8
Liquefaction of coagulated human semen. Lilja H, et al. **Scand J Clin Lab Invest** 1984 Sep;44(5):447-52
Characterization of plasma membranes and rough endoplasmic reticulum of synovial cells cultured from rheumatoid arthritis patients. Kouri T, et al. **Scand J Rheumatol** 1984;13(3):247-56
How do proteins find mitochondria? [news] Kolata G. **Science** 1985 Jun 28;228(4707):1517-8
The water, DNA, collagen and noncollagen protein contents in embryos after maternal administration of a teratogenic dose of phenytoin. Hicks HE, et al. **Toxicol Lett** 1985 Apr; 25(1):41-6
Control of protein degradation and growth phase in normal and neoplastic cells. Baccino FM, et al. **Toxicol Pathol** 1984;12(3):281-7
Thioacetamide effects on protein metabolism in the liver: lessons from isolated hepatocytes. Cajone F, et al. **Toxicol Pathol** 1984;12(1):74-8
A variety of Candida proteinases and their possible targets of proteolytic attack in the host. Rüchel R. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Jul; 257(2):266-74
[Effect of pentagastrin and cimetidine on gastric protein loss in exudative gastropathies] Florent C, et al. **Gastroenterol Clin Biol** 1985 Jan;9(1):27-30 (Eng. Abstr.) **(Fre)**
[Relations between physical exertion and protein-energy metabolism. Application to nutritional support of hospitalized patients] Matuchansky C, et al. **Presse Med** 1985 Jun 1;14(22):1237-40 (35 ref.) (Eng. Abstr.) **(Fre)**
[Effect of graded dietary protein rations on the amino acid content of crude protein in various parts of the gastrointestinal tract and blood fractions of laying hens] Gruhn K, et al. **Arch Tierernahr** 1985 Mar;35(3):197-212 (Eng. Abstr.) **(Ger)**
[Effect of graded nitrogen supplements on egg protein synthesis and body protein retention in broiler hens] Halle I, et al. **Arch Tierernahr** 1984 Sep;34(9):615-21 (Eng. Abstr.) **(Ger)**
[Effect of the polyether antibiotic 'monensin' on fattening and slaughtering performance as well as protein and energy retention in bulls] Richter G, et al. **Arch Tierernahr** 1984 Dec;34(12):841-50 (Eng. Abstr.) **(Ger)**
[Protein-sparing mechanisms of parenteral feeding. II. Clinical aspects] Löhlein D. **Infusionsther Klin Ernahr** 1984 Jun;11(3):114-28 (Eng. Abstr.) **(Ger)**
[Effect of metabolism-oriented substrate administration on energy and protein metabolism in polytraumatized artificial respiration patients] Schmitz JE. **Infusionsther Klin Ernahr** 1984 Aug;11(4):205-18 (Eng. Abstr.) **(Ger)**
[Protein turnover in liver failure--determination using the stable isotope 15N] Matkowitz R, et al. **Leber Magen Darm** 1984 Mar;14(2):83-9 (Eng. Abstr.) **(Ger)**
[Determination by 15N tracer kinetics of the half-life of total body protein in premature and mature infants] Wutzke KD, et al. **Monatsschr Kinderheilkd** 1985 May;133(5):291-5 (Eng. Abstr.) **(Ger)**
[Changes in protein metabolism in cachexia and catabolism] Roth E. **Z Exp Chir Transplant Kunstliche Organe** 1985; 18(3):150-6 (Eng. Abstr.) **(Ger)**
[The pancreatic lipase/colipase system] Müller G. **Z Gesamte Inn Med** 1984 Jul 15;39(14):321-5 (Eng. Abstr.) **(Ger)**
[Immunologic characterization of celiac active prolamins] Mühle W, et al. **Z Med Lab Diagn** 1985;26(3):166-71 (Eng. Abstr.) **(Ger)**
[Effects of weight reduction on protein metabolism in sports with a weight-classification system--a study on college boxers] Yoshida T, et al. **Ann Physiol Anthropol** 1984 Apr; 3(2):111-20 (Eng. Abstr.) **(Jpn)**
[Whole body protein turnover, synthesis and breakdown in patients receiving total parenteral nutrition (TPN) before and after recovery from surgical stress] Tashiro T, et al. **Nippon Geka Gakkai Zasshi** 1985 Apr;86(4):394-9 (Eng. Abstr.) **(Jpn)**
[Hypertensive vascular lesions of testicular arteries associated with alteration of fibrous protein of testes in stroke-prone and -resistant spontaneously hypertensive rats] Nakada T. **Nippon Hinyokika Gakkai Zasshi** 1984 Jun;75(6):927-33 (Eng. Abstr.) **(Jpn)**
[Maillard reaction in vivo] Kato H. **Seikagaku** 1984 Apr; 56(4):245-52 (36 ref.) **(Jpn)**
[Mechanisms of intracellular protein breakdown--distinct role of lysosomal and nonlysosomal route] Tanaka K. **Tanpakushitsu Kakusan Koso** 1985 Jun;30(6):441-59 (110 ref.) **(Jpn)**
[Effect of various antibiotics on the circulation of proteins between the blood and lymph in macro-organisms] Polosova RG, et al. **Antibiotiki** 1984 Nov;29(11):830-4 (Eng. Abstr.) **(Rus)**
[Stochastic dynamics and electron-conformation interactions in proteins] Shaitan KV, et al. **Biofizika** 1985 May-Jun; 30(3):517-26 (66 ref.) (Eng. Abstr.) **(Rus)**
[Mechanisms of proteolysis] Antonov VK, et al. **Bioorg Khim** 1984 Aug;10(8):1044-58 (Eng. Abstr.) **(Rus)**
[Hormonal regulation of anabolic processes and of protein utilization efficiency in the early postnatal period] Adigamov LF, et al. **Biull Eksp Biol Med** 1985 Jun; 99(6):687-9 (Eng. Abstr.) **(Rus)**
[Effect of intrauterine ethanol exposure on higher nervous activity and on protein and lipid metabolic indices of the brain in rats] Zabludovskiĭ AL, et al. **Biull Eksp Biol Med** 1985 May;99(5):545-8 (Eng. Abstr.) **(Rus)**
[Fibrillar structures of the cell nucleus and the initial characteristics of their constituent proteins] Mosevitskiĭ MI. **Dokl Akad Nauk SSSR** 1985 Jul-Aug;283(1):215-9 **(Rus)**
[Analysis of the binding of proteins and antibiotics with DNA fragments] Nechipurenko IuD, et al. **Dokl Akad Nauk SSSR** 1985 Mar-Apr;281(1):213-6 **(Rus)**
[Asparagine-dependent selective autofragmentation of protein exemplified by ribonuclease] Olekhnovich LP, et al. **Dokl Akad Nauk SSSR** 1985 Mar-Apr;281(1):217-20 **(Rus)**
[Functionally caused changes in protein metabolism in different sections of the brain and liver of rats] Vitvitskiĭ VN. **Izv Akad Nauk SSSR [Biol]** 1985 Jan-Feb;(1):31-40 (Eng. Abstr.) **(Rus)**
[Transcapillary metabolism in full-term newborn infants during early postnatal adaptation] Afonina LG, et al. **Pediatriia** 1984 Dec;(12):14-7 (Eng. Abstr.) **(Rus)**
[Effect of preparation MP-15 on the productivity and metabolism of lactating cows] Mel'nichuk DA, et al. **Ukr Biokhim Zh** 1985 May-Jun;57(3):44-9 (Eng. Abstr.) **(Rus)**
[Mechanisms of formation and biological role of protein carbamates] Mel'nichuk DA. **Ukr Biokhim Zh** 1985 May-Jun;57(3):98-115 (108 ref.) (Eng. Abstr.) **(Rus)**
[Role of proteolytic enzymes in the regulation of physiological processes] Orekhovich VN, et al. **Vestn Akad Med Nauk SSSR** 1984;(8):3-11 (Eng. Abstr.) **(Rus)**
[Kinetics of the resorption of protein products following extensive and subtotal resection of the small intestine] Eriukhin IA, et al. **Vestn Khir** 1984 Sep;133(9):39-44 (Eng. Abstr.) **(Rus)**
[Role of leukocyte proteinases and protein degradation products in protective reactions] Iankovskiĭ OIu, et al. **Zh Obshch Biol** 1985 Jan-Feb;46(1):93-101 (Eng. Abstr.) **(Rus)**
[The effect of high fat intake in rats of different age categories on protein utilization] Krajčovičová-Kudláčková M, et al. **Vet Med (Praha)** 1984 Oct;29(10):633-40 **(Slo)**

PHARMACODYNAMICS

Modulation of neuroreceptor functions by lipomodulin, a phospholipase inhibitory protein. Hirata F, et al. **Adv Exp Med Biol** 1984;175:187-92 (10 ref.)
Sodium transport inhibition, cell calcium, and hypertension. The natriuretic hormone/Na+-Ca2+ exchange/hypertension hypothesis. Blaustein MP, et al. **Am J Med** 1984 Oct 5;77(4A):45-59 (125 ref.)
Effects of auriculin (atrial natriuretic factor) on blood pressure, renal function, and the renin-aldosterone system in dogs. Maack T, et al. **Am J Med** 1984 Dec;77(6):1069-75
The study of ligand-protein interactions utilizing affinity chromatography. Dunn BM. **Appl Biochem Biotechnol** 1984 Jun;9(3):261-84 (69 ref.)
Divergent expression of cytotoxic and microbicidal functions of rabbit alveolar and peritoneal macrophages: effects of non-specific activation and a natural microbicidal peptide, MCP-1. Sorrell TC, et al. **Aust J Exp Biol Med Sci** 1985 Feb;63 (Pt 1):53-63
Ninhibin: a sperm factor attenuates the atrial natriuretic factor mediated inhibition of adenylate cyclase: possible involvement of inhibitory guanine nucleotide regulatory protein. Anand-Srivastava MB, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):171-8
Structure-activity relationships of atrial natriuretic factor (ANF). II. Effect of chain-length modifications on vascular reactivity. Garcia R, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):178-84
The control of phosphorylase kinase phosphatase activity by polycations and the deinhibitor protein. Goris J, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):293-8
Effect of native and synthetic atrial natriuretic factor on cyclic GMP. Hamet P, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):515-27
Some properties of a liver protein that activates glycogen synthase b. Haverstick DM, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):170-7
Vascular receptor binding activities and cyclic GMP responses by synthetic human and rat atrial natriuretic peptides (ANP) and receptor down-regulation by ANP. Hirata Y, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):538-46
Cystatin, a protein inhibitor of cysteine proteases alters viral protein cleavages in infected human cells. Korant BD, et al. **Biochem Biophys Res Commun** 1985 Mar 29; 127(3):1072-6
Structure-activity relationships of atrial natriuretic factor (ANF). I. Natriuretic activity and relaxation of intestinal

smooth muscle. Thibault G, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):938–46

The velocity of the reaction between ornithine decarboxylase and antizyme highly depends on the presence of salt and temperature. Kitani T, et al. **Biochem Int** 1985 Mar; 10(3):435–40

An inhibitor of ornithine decarboxylase in the thymus and spleen of dexamethasone-treated rats. Bishop PB, et al. **Biochem J** 1985 Feb 15;226(1):105–12

Purification and properties of a protein activator of phosphorylated branched-chain 2-oxo acid dehydrogenase complex. Espinal J, et al. **Biochem J** 1985 Jan 15; 225(2):509–16

Inhibition of cysteine proteinases and dipeptidyl peptidase I by egg-white cystatin. Nicklin MJ, et al. **Biochem J** 1984 Oct 1;223(1):245–53

Regulatory proteins (inhibitors or activators) affect estimates of Mr of enzymes and receptors by radiation inactivation. A theoretical model. Potier M, et al. **Biochem J** 1985 Mar 15;226(3):797–801

Isolation, characterization and possible mode of action of antiseminalplasmin, a new protein that inhibits the antimicrobial activity of seminalplasmin. Rao VN, et al. **Biochem J** 1985 Apr 15;227(2):609–19

Human bronchial leucocyte proteinase inhibitor. Rapid isolation and kinetic analysis with human leucocyte proteinases. Smith CE, et al. **Biochem J** 1985 Jan 15; 225(2):463–72

Effect of capping protein on the kinetics of actin polymerization. Cooper JA, et al. **Biochemistry** 1985 Jan 29;24(3):793–9

Quantitative analysis of the effect of Acanthamoeba profilin on actin filament nucleation and elongation. Pollard TD, et al. **Biochemistry** 1984 Dec 18;23(26):6631–41

Inhibition of pancreatic and microbial lipases by proteins. Gargouri Y, et al. **Biochim Biophys Acta** 1984 Sep 12; 795(2):326–31

Partial purification of a water-soluble liver protein that regulates adenylate cyclase activity (basal, hormone- and cholera-toxin-activated) and cholera-toxin-catalyzed ADP-ribosylation of the membrane G protein. Gordon JC, et al. **Biochim Biophys Acta** 1984 Oct 16;801(3):325–33

The inhibitor peptide of the mitochondrial F1.F0-ATPase interacts with calmodulin and stimulates the calmodulin-dependent Ca2+-ATPase of erythrocytes. Schwerzmann K, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):63–7

Intestinal transmission of macromolecules (BSA and FITC-dextran) in the neonatal pig: enhancing effect of colostrum, proteins and proteinase inhibitors. Weström BR, et al. **Biol Neonate** 1985;47(6):359–66

Inhibition of horse leucocyte proteinases by eglin, a proteinase inhibitor from leeches. Potempa J, et al. **Biomed Biochim Acta** 1985;44(2):335–9

Stimulation of prostacyclin synthesis in vascular cells by mononuclear cell products. Dejana E, et al. **Blood** 1984 Dec;64(6):1280–3

Activation of human eosinophils by monokines and lymphokines: source and biochemical characteristics of the eosinophil cytotoxicity-enhancing activity produced by blood mononuclear cells. Lenzi HL, et al. **Cell Immunol** 1985 Sep;94(2):333–46

Establishment of growth factor-dependent MOPC 104E cell line in vitro. Shrestha K, et al. **Cell Immunol** 1985 Jan; 90(1):24–31

Natriuretic and smooth muscle responses to human urinary natriuretic hormone in rats: relation to blood pressure and kallikrein excretion in patients. Mills IH, et al. **Clin Exp Hypertens [A]** 1985;7(5–6):783–92

Mechanism of action of natriuretic fraction of urine. Chakravarty BJ, et al. **Clin Exp Pharmacol Physiol** 1985 May–Jun;12(3):235–8

Effect of partially purified bone morphogenetic protein on DNA synthesis and cell replication in calvarial and fibroblast cultures. Canalis E, et al. **Clin Orthop** 1985 Sep; (198):289–96

Response of the rabbit metaphysis to implants of bovine bone morphogenetic protein (bBMP). Nilsson O, et al. **Clin Orthop** 1985 May;(195):275–81

Induced regeneration of calvaria by bone morphogenetic protein (BMP) in dogs. Sato K, et al. **Clin Orthop** 1985 Jul–Aug;(197):301–11

The effect of synovial catabolin on cartilage synthetic activity. Dingle JT. **Connect Tissue Res** 1984; 12(3–4):277–86

The effects of activating peptides and proteins on the activity of reconstituted cholesterol desmolase systems. Greenfield NJ. **Endocr Res** 1984–85;10(3–4):563–83 (23 ref.)

Specific receptor-mediated inhibition by synthetic atrial natriuretic factor of hormone-stimulated steroidogenesis in cultured bovine adrenal cells. De Léan A, et al. **Endocrinology** 1984 Oct;115(4):1636–8

Steroidogenic properties of a new aldosterone-stimulating factor: interaction with angiotensin II and adrenocorticotropin during variations of dietary sodium. Hata T, et al. **Endocrinology** 1984 Dec;115(6):2065–70

Cytosol activator protein from rat reticulocytes requires the stimulatory guanine nucleotide-binding protein for its actions on adenylate cyclase. Shane E, et al. **Endocrinology** 1985 Jul;117(1):255–63

Atrial natriuretic factor selectively increases renal blood flow in conscious spontaneously hypertensive rats. Koike H, et al. **Eur J Pharmacol** 1984 Sep 17;104(3–4):391–2

Vasodilator profile of synthetic atrial natriuretic factor. Winquist RJ, et al. **Eur J Pharmacol** 1984 Jun 15; 102(1):169–73

Stimulation of guanylate cyclase by atrial natriuretic factor in isolated human glomeruli. Ardaillou N, et al. **FEBS Lett** 1985 Sep 9;189(1):8–12

The oxidation of sulfhydryl groups in mitochondrial F1-ATPase decreases the rate of its inactivation by the natural protein inhibitor. Chernyak BV, et al. **FEBS Lett** 1985 Aug 5;187(2):253–6

Influence of an actin-modulating protein from smooth muscle on actin-myosin interaction. Strzelecka-Gołaszewska H, et al. **FEBS Lett** 1984 Nov 19;177(2):209–16

The increase of cGMP by atrial natriuretic factor correlates with the distribution of particulate guanylate cyclase. Tremblay J, et al. **FEBS Lett** 1985 Feb 11;181(1):17–22

Demonstration of a new acrosin inhibitor in human seminal plasma. Huhtala ML. **Hoppe Seylers Z Physiol Chem** 1984 Jul;365(7):819–25

Renal and blood pressure responses to synthetic atrial natriuretic factor in spontaneously hypertensive rats. Marsh EA, et al. **Hypertension** 1985 May–Jun;7(3 Pt 1):386–91

Modulation of immune response in vitro and in vivo by human granulocyte factors. Tchórzewski H, et al. **Immunol Lett** 1984;8(4):187–95

Effect of seminalplasmin, an antimicrobial protein from bovine semen, on growth and macromolecular synthesis in Candida albicans. Scheit KH, et al. **Indian J Biochem Biophys** 1985 Feb;22(1):1–7

Correlation of binding of rabbit granulocyte peptides to Candida albicans with candidacidal activity. Lehrer RI, et al. **Infect Immun** 1985 Jul;49(1):207–11

Activity of rabbit leukocyte peptides against Candida albicans. Selsted ME, et al. **Infect Immun** 1985 Jul; 49(1):202–6

Inhibition of DNA polymerase alpha activity by proteins from rat liver. Klinge CM, et al. **Int J Biochem** 1985; 17(3):347–53

Neomorphogenesis of blood vessels in rabbit skin induced by a highly purified monocyte-derived polypeptide (monocyto-angiotropin) and associated tissue reactions. Höckel M, et al. **Int J Tissue React** 1984;6(4):323–31

Immunomodulation of macrophages by muramyl peptides: recent findings concerning somnogenic activity of muramyl peptides and monokine. Leclerc C, et al. **Int J Tissue React** 1984;6(3):215–8

Cystatin S: a cysteine proteinase inhibitor of human saliva. Isemura S, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1311–4

Seminalplasmin, an antimicrobial protein from bull seminal plasma, inhibits growth, and synthesis of nucleic acids and proteins in S. cerevisiae. Scheit KH, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):463–71

Role of supernatant protein factor and anionic phospholipid in squalene uptake and conversion by microsomes. Chin J, et al. **J Biol Chem** 1984 Oct 10;259(19):11735–8

Inhibition of lipases by proteins. A kinetic study with dicaprin monolayers. Gargouri Y, et al. **J Biol Chem** 1985 Feb 25; 260(4):2268–73

Growth factor- and dexamethasone-induced proteins in Swiss 3T3 cells. Relationship to DNA synthesis. Levenson R, et al. **J Biol Chem** 1985 Jul 5;260(13):8056–63

Accelerated wound repair, cell proliferation, and collagen accumulation are produced by a cartilage-derived growth factor. Davidson JM, et al. **J Cell Biol** 1985 Apr; 100(4):1219–27

Inhibition of lymphocyte proliferation by detergent-solubilized mouse liver membranes. Grupp SA, et al. **J Cell Biol** 1985 Aug;101(2):380–5

Effect of human menopausal gonadotropin and follicle regulatory protein(s) on 3 beta-hydroxysteroid dehydrogenase in human granulosa cells. Battin DA, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1116–9

Modulation of heparin cofactor II activity by histidine-rich glycoprotein and platelet factor 4. Tollefsen DM, et al. **J Clin Invest** 1985 Feb;75(2):496–501

Mechanism of enhanced fibroblast arachidonic acid metabolism by mononuclear cell factor. Whiteley PJ, et al. **J Clin Invest** 1984 Dec;74(6):2249–53

A monokine stimulates production of human erythroid burst-promoting activity by endothelial cells in vitro. Zuckerman KS, et al. **J Clin Invest** 1985 Feb;75(2):722–5

Is the NK lytic process involved in the mechanism of NK suppression of antibody-producing cells? Targan S, et al. **J Immunol** 1985 Feb;134(2):666–9

The effect of protein on preimplantation mouse embryo development in vitro. Caro CM, et al. **J In Vitro Fert Embryo Transfer** 1984 Sep;1(3):183–7

N-Acetyl-D-galactosamine-inhibitable adherence lectin of Entamoeba histolytica. I. Partial purification and relation to amoebic virulence in vitro. Ravdin JI, et al. **J Infect Dis** 1985 May;151(5):804–15

The effect of synovial fluid proteins in the degradation of hyaluronic acid induced by ascorbic acid. Motohashi N, et al. **J Inorg Biochem** 1985 May;24(1):69–74

Effect of protein on the absorption of phenytoin through everted gut preparations. Rosen A, et al. **J Pharm Pharmacol** 1985 Mar;37(3):154–8

Reticulocyte cytosol activator protein: its actions upon the beta adrenergic receptor and the N-proteins of adenylate cyclase. Shane E, et al. **J Recept Res** 1984;4(1–6):475–86

Direct inactivation of viruses by MCP-1 and MCP-2, natural peptide antibiotics from rabbit leukocytes. Lehrer RI, et al. **J Virol** 1985 May;54(2):467–72

Actions of synthetic atrial natriuretic factor on bovine adrenal glomerulosa. Goodfriend TL, et al. **Life Sci** 1984 Oct 15;35(16):1675–82

Mechanism of inhibition of natural killing by a glycopeptide isolated from the K562 plasma membrane. Targan S, et al. **Nat Immun Cell Growth Regul** 1983–84;3(3):113–23

Inhibition of aldosterone production in the adrenal glomerulosa by atrial natriuretic factor. Kudo T, et al. **Nature** 1984 Dec 20–1985 Jan 2;312(5996):756–7

Effects of leukocytic pyrogen and sodium salicylate on hypothalamic thermosensitive neurons in vitro. Hori T, et al. **Neurosci Lett** 1984 Aug 31;49(3):313–8

Products of activated lymphocytes stimulate Schwann cell mitosis in vitro. Lisak RP, et al. **Neurosci Lett** 1985 Jun 12;57(2):105–11

The influence of proteins on the esterase activity of bile-salt-stimulated lipase from human milk [letter] O'Connor CJ, et al. **NZ Med J** 1985 Mar 13;98(774):158–9

Hibernation 'trigger' alters renal function in the primate. Oeltgen PR, et al. **Physiol Behav** 1985 Jan;34(1):79–81

The effect of 6-hydroxydopamine on the renal responses to atrial natriuretic extract and blood volume expansion. Hathaway S, et al. **Proc West Pharmacol Soc** 1984;27:89–93

Biochemical properties and possible therapeutic role of the elastase inhibitor eglin C. Schnebli HP, et al. **Prog Clin Biol Res** 1985;180:287–90

A macrophage factor inhibits adipocyte gene expression: an in vitro model of cachexia. Torti FM, et al. **Science** 1985 Aug 30;229(4716):867–9

Arterial pressure and the natriuretic hormone. de Wardener HE. **Scott Med J** 1984 Apr;29(2):120–4 (23 ref.)

Histidine-rich glycoprotein inhibits the antithrombin activity of heparin cofactor II in the presence of heparin or dermatan sulfate. Niwa M, et al. **Thromb Res** 1985 Jan 1; 37(1):237–40

Effect of protein synthesis inhibitors on leukocytic pyrogen-induced in vitro hypothalamic prostaglandin production. Bernheim HA, et al. **Yale J Biol Med** 1985 Mar–Apr;58(2):179–87

The effect of low ambient temperature on the febrile responses of rats to semi-purified human endogenous pyrogen. Stitt JT, et al. **Yale J Biol Med** 1985 Mar–Apr; 58(2):189–94

[Regulation of neoplasm-specific cathepsin B by cysteine-protease inhibitors present in cancerous exudates] Keppler D, et al. **C R Acad Sci [III]** 1985;300(13):471–4 (Eng. Abstr.) **(Fre)**

[Effect of natriuretic factor on sodium secretion in the small intestine] Kosuba RB, et al. **Fiziol Zh SSSR** 1985 Jun; 71(6):782–5 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

On the probability of the emergence of a protein with a particular function. Erbrich P. **Acta Biotheor (Leiden)** 1985; 34(1):53–80

Regulation of glyceraldehyde-3-phosphate dehydrogenase by a cytosolic protein. Aithal HN, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C111–6

Soluble mediators from mononuclear cells increase the synthesis of glycosaminoglycan by dermal fibroblast cultures derived from normal subjects and progressive systemic sclerosis patients. Whiteside TL, et al. **Arthritis Rheum** 1985 Feb;28(2):188–97

Inhibition of reconstituted vitamin D3 25-hydroxylase by a protein fraction from rat liver microsomes. Holmberg I. **Biochem Biophys Res Commun** 1984 Sep 28; 123(3):1209–14

An inhibitory protein of intestinal fluid secretion reverses neuronal GABA transport. Lange S, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1032–6

Comparison of bone inductive proteins of rat and porcine bone matrix. Muthukumaran N, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):37–41

Studies of monokines as mediators of the acute phase response: effects on sialyltransferase, albumin, alpha 1-acid glycoprotein and beta-N-acetylhexosaminidase. Woloski BM, et al. **Biochem Biophys Res Commun** 1985 Jul 16; 130(1):30–6

In vivo significance of kinetic constants of protein proteinase inhibitors. Bieth JG. **Biochem Med** 1984 Dec;32(3):387–97

Partial characterization of the macrophage factor that stimulates fibroblasts to produce collagenase and to degrade collagen. Huybrechts-Godin G, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):51–4

Inhibition of microsomal lipid peroxidation by cytosolic protein in presence of ADP and high concentration of Fe2+. Ramasarma T, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):243–50

Protein interaction: concepts from thermodynamic measurements. Jamaluddin M, et al. **Biomater Med Devices Artif Organs** 1984–85; 12(3–4):289–306

Regulation of polyamine biosynthesis by antizyme and some recent developments relating the induction of polyamine biosynthesis to cell growth. Review. Canellakis ES, et al. **Biosci Rep** 1985 Mar;5(3):189–204 (106 ref.)

Symposium on natriuretic hormone and hypertension. Beverly Hills, California, June 9, 1984. **Clin Exp Hypertens [A]** 1985;7(5–6):633–836

The concept of the natriuretic hormone and its relation to hypertension. de Wardener HE. **Clin Exp Hypertens** [A] 1985;7(5-6):647-62 (28 ref.)

The role of endogenous inhibition of Na-K-ATPase in human hypertension--sodium pump activity as a determinant of peripheral vascular resistance. Kramer HJ, et al. **Clin Exp Hypertens** [A] 1985;7(5-6):769-82

Opsonic activity of MCP-1 and MCP-2, cationic peptides from rabbit alveolar macrophages. Fleischmann J, et al. **Diagn Microbiol Infect Dis** 1985 May;3(3):233-42

Regulation of protein synthesis in eukaryotes. Mode of action of eRF, an eIF-2-recycling factor from rabbit reticulocytes involved in GDP/GTP exchange. Salimans M, et al. **Eur J Biochem** 1984 Nov 15;145(1):91-8

16th Sir Hans Krebs lecture. The symbiosis of metal and protein functions. Williams RJ. **Eur J Biochem** 1985 Jul 15;150(2):231-48

Mononuclear cell-mediated modulation of synovial cell metabolism. I. Collagen synthesis. Pujol JP, et al. **Exp Cell Res** 1985 May;158(1):63-74

Evaluation and significance of kinetic parameters governing function of protein synthesis initiation factors eIF-2 and eIF-2B. Manchester KL. **FEBS Lett** 1985 Mar 11; 182(1):15-9

Monokines and the metabolic pathophysiology of septic shock. Filkins JP. **Fed Proc** 1985 Feb;44(2):300-4 (46 ref.)

Protein modification and its biological role. Moore BR, et al. **Int J Biochem** 1985;17(3):283-9 (60 ref.)

The role of interferon-induced proteins, double-stranded RNA and 2', 5'-oligoadenylate in the interferon-mediated inhibition of viral translation. Johnston MI, et al. **Interferon** 1984;3:189-298 (32 ref.)

A protein from airways of premature lambs that inhibits surfactant function. Ikegami M, et al. **J Appl Physiol** 1984 Oct;57(4):1134-42

Effects of macrophage profilin on actin in the presence and absence of acumentin and gelsolin. DiNubile MJ, et al. **J Biol Chem** 1985 Jun 25;260(12):7402-9

Destruction of immaturin activity in early mature mutants of Paramecium caudatum. Miwa I. **J Cell Sci** 1984 Dec; 72:111-20

Inhibition of bone marrow colony formation by human natural killer cells and by natural killer cell-derived colony-inhibiting activity. Degliantoni G, et al. **J Exp Med** 1985 May 1;161(5):1152-68

Exaggerated human vascular cell prostaglandin biosynthesis mediated by monocytes: role of monokines and interleukin 1. Albrightson CR, et al. **J Immunol** 1985 Sep;135(3):1872-7

Human natural killer cytotoxic factor (NKCF): role of IFN-alpha. Steinhauer EH, et al. **J Immunol** 1985 Jul; 135(1):294-9

Lymphokine-induced cytotoxicity: requirement of two lymphokines for the induction of optimal cytotoxic response. Yang SS, et al. **J Immunol** 1985 Jun;134(6):3912-9

Ornithine decarboxylase activity in brain regulated by a specific macromolecule, the antizyme. Laitinen PH, et al. **J Neurochem** 1985 Jun;44(6):1885-91

The possible role of natriuretic hormone in idiopathic oedema and mitral valve prolapse--a hypothesis. Vaidya AB. **J Postgrad Med** 1984 Oct;30(4):255-6

Antibodies against epididymal glycoproteins block fertilizing ability in rat. Cuasnicú PS, et al. **J Reprod Fertil** 1984 Nov; 72(2):467-71

Cardioverters, proteins, receptors studied in cardiovascular disorders [news] **JAMA** 1985 Apr 19;253(15):2173-5, 2179-80

Atrial natriuretic factor: isolation, identification, biological and pharmacological actions. Genest J, et al. **Klin Wochenschr** 1985;63 Suppl 3:97-101

Rearrangements of the cellular p53 gene in erythroleukaemic cells transformed by Friend virus. Mowat M, et al. **Nature** 1985 Apr 18-24;314(6012):633-6

Homogeneous interferon-inducing 22K factor is related to endogenous pyrogen and interleukin-1. Van Damme J, et al. **Nature** 1985 Mar 21-27;314(6008):266-8

Concept of natriuretic hormone. de Wardener HE, et al. **Physiol Rev** 1985 Jul;65(3):658-759 (448 ref.)

Distribution of reversing factor in reticulocyte lysates during active protein synthesis and on inhibition by heme deprivation or double-stranded RNA. Thomas NS, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6998-7002

Role of natriuretic factor in central nervous system (CNS)-induced natriuresis. Beasley D, et al. **Proc Soc Exp Biol Med** 1985 Apr;178(4):575-9

Passive immunization against cachectin/tumor necrosis factor protects mice from lethal effect of endotoxin. Beutler B, et al. **Science** 1985 Aug 30;229(4716):869-71

Stimulation of rheumatoid synovial cell proliferation with multiple soluble factors from peripheral mononuclear cells. Chen ST, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Dec; 83(12):1181-9

Cell interactions in osteoarthritis: proposed role for cartilage-derived growth factor. Hamerman D, et al. **Trans Assoc Am Physicians** 1983;96:316-23 (42 ref.)

The search for an endogenous activator. Gekowski KM, et al. **Yale J Biol Med** 1985 Mar-Apr;58(2):153-63

The effects of variations in pH and temperature on the activation of mouse thymocytes by both forms of rabbit interleukin-1. Murphy PA, et al. **Yale J Biol Med** 1985 Mar-Apr;58(2):115-23

[T cell-activating monokines in guinea pigs. Physicochemical properties and some analysis of the action of the monokines] Taniyama T. **Fukuoka Igaku Zasshi** 1984 Jul;75(7):422-30 (Eng. Abstr.) **(Jpn)**

[Action mechanism of aldosterone] Saito T. **Nippon Rinsho** 1984 Nov;42(11):2433-7 (23 ref.) **(Jpn)**

[The role of protein and hyaluronic acid in the synovial fluid in animal joint lubrication] Chikama H. **Nippon Seikeigeka Gakkai Zasshi** 1985 May;59(5):559-72 (Eng. Abstr.) **(Jpn)**

[Process of bone induction--bone induction factors] Takaoka K. **Nippon Seikeigeka Gakkai Zasshi** 1985 Mar;59(3):327-37 **(Jpn)**

[Function and relevance of activator proteins for glycolipid degradation] Sandhoff K. **Seikagaku** 1985 Feb;57(2):87-102 (88 ref.) **(Jpn)**

[Natriuretic hormone--current concepts] Januszewicz P, et al. **Pol Tyg Lek** 1984 Apr 9;39(15):519-21 (17 ref.) **(Pol)**

[Influence of lithium carbonate on the effects of the natriuretic factor] Kosuba RB, et al. **Farmakol Toksikol** 1984 Sep-Oct;47(5):15-8 (Eng. Abstr.) **(Rus)**

[Formal kinetic treatment of the possible role of proteins in DNA radiation tolerance, protection and sensitization] Sapezhinskiĭ II. **Radiobiologiia** 1985 Jul-Aug;25(4):449-56 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Formation of radiation-induced cross-links between thymine and tyrosine: possible model for cross-linking of DNA and proteins by ionizing radiation. Simic MG, et al. **Biochemistry** 1985 Jan 1;24(1):233-6

Differential processing of ultraviolet or ionizing radiation-induced DNA-protein cross-links in Chinese hamster cells. Chiu SM, et al. **Int J Radiat Biol** 1984 Dec; 46(6):681-90

[Cross-linking between nucleic acids and proteins: application to DNA polymerase alpha] Masaki S, et al. **Seikagaku** 1985 Jan;57(1):55-7 **(Jpn)**

SECRETION

Both NK sensitive and resistant mycoplasma free cell lines stimulate release of NKCF. Wright SC, et al. **Adv Exp Med Biol** 1985;184:193-201

Nicotine stimulation of protein secretion from isolated rat pancreatic acini. Majumdar AP, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):G158-63

Effects of LTB4 and Ca++ ionophore A23187 on the release by human alveolar macrophages of factors controlling fibroblast functions. Polla B, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):560-7

Cellular mechanism of release of atrial natriuretic factor. Sonnenberg H, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):443-9

Atrial natriuretic polypeptides (ANP): rat atria store high molecular weight precursor but secrete processed peptides of 25-35 amino acids. Vuolteenaho O, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):82-8

Antigenic, molecular and functional heterogeneity of Clara cell secretory proteins in the rat. Singh G, et al. **Biochim Biophys Acta** 1985 Jun 10;829(2):156-63

Cytochalasin D suppresses beta-adrenergic induced protein discharge without inhibiting membrane fusion. Busson-Mabillot S, et al. **Biol Cell** 1985;53(2):195-8

Processing and secretion of proteins in eukaryotic cells. Ikehara Y. **Cell Struct Funct** 1984 Jul;9 Suppl:s27-9

Mononuclear cell-conditioned medium containing mononuclear cell factor (MCF), homologous with interleukin 1, stimulates collagen and fibronectin synthesis by adherent rheumatoid synovial cells: effects of prostaglandin E2 and indomethacin. Krane SM, et al. **Coll Relat Res** 1985 Mar;5(2):99-117

Prolactin directly stimulates the liver in vivo to secrete a factor (synlactin) which acts synergistically with the hormone. Mick CC, et al. **Endocrinology** 1985 May; 116(5):2049-53

Lacrimal protein secretion: comparison of young and old rats. Bromberg BB, et al. **Exp Eye Res** 1985 Feb; 40(2):313-20

Protein secretion by the rat epididymis can be selectively modified in vitro by local anesthetics, glucose deprivation, dinitrophenol, ouabain, and ionophores. Brooks DE. **J Androl** 1984 Sep-Oct;5(5):351-60

Exit of nonglycosylated secretory proteins from the rough endoplasmic reticulum is asynchronous in the exocrine pancreas. Scheele G, et al. **J Biol Chem** 1985 Jan 25; 260(2):926-31

beta-Interferon alters the pattern of proteins secreted from quiescent and platelet-derived growth factor-treated BALB/c-3T3 cells. Tominaga S, et al. **J Biol Chem** 1985 Feb 25;260(4):1975-8

Meiotic maturation in Xenopus oocytes: a link between the cessation of protein secretion and the polarized disappearance of Golgi apparati. Colman A, et al. **J Cell Biol** 1985 Jul;101(1):313-8

Heparin and related glycosaminoglycans modulate the secretory phenotype of vascular smooth muscle cells. Majack RA, et al. **J Cell Biol** 1984 Nov;99(5):1688-95

Proteolytic cleavage and maturation of the crystalline secretion products of Paramecium. Adoutte A, et al. **J Mol Biol** 1984 Dec 25;180(4):1065-81

Intracellular human IL-1: a precursor for the secreted monokine. Sahasrabuddhe CG, et al. **Lymphokine Res** 1985 Summer;4(3):205-13

Phorbol ester-induced protein secretion in rat parotid gland. Relationship to the role of inositol lipid breakdown and protein kinase C activation in stimulus-secretion coupling. Putney JW Jr, et al. **Mol Pharmacol** 1984 Sep;26(2):261-6

Pancreatic fluid secretion and protein hyperconcentration in cystic fibrosis. Kopelman H, et al. **N Engl J Med** 1985 Feb 7;312(6):329-34

Pathways of protein secretion in eukaryotes. Kelly RB. **Science** 1985 Oct 4;230(4721):25-32

Colonic inhibition of cholecystokinin release and pancreatic protein secretion in dogs. Inoue K, et al. **Surg Gynecol Obstet** 1984 Nov;159(5):423-8

[The kidney as an endocrine organ. II. Active vitamin D metabolites, the natriuretic factor and erythropoietin] Kokot F. **Pol Arch Med Wewn** 1984 Dec;72(6):321-4 **(Pol)**

THERAPEUTIC USE

Organ ablation by fluid emboli. An experimental study comparing two solidifying liquids. Barth KH, et al. **Invest Radiol** 1984 Nov-Dec;19(6):517-22

Preliminary observations on application of ethibloc in necrohemorrhagic acute pancreatitis in humans. Torino FD, et al. **Mt Sinai J Med (NY)** 1985 May;52(5):343-6

Beneficial effects of a neutral protease inhibitor in traumatic shock. Hock CE, et al. **Pharmacol Res Commun** 1985 Mar; 17(3):217-26

[Endoscopic occlusion treatment in patients with chronic pancreatitis] Flautner L, et al. **Chirurg** 1985 Jan;56(1):36-40 (Eng. Abstr.) **(Ger)**

[Endoscopic occlusion of a tumor-caused esophago-mediastinal fistula with a rapidly hardening amino acid solution (letter)] Riemann JF. **Dtsch Med Wochenschr** 1985 Mar 8;110(10):396 **(Ger)**

[A new technic for the sealing of a frontobasal cerebrospinal fluid fistula. Experiences with a hardening alcoholic protamine solution] Krähling KH, et al. **Fortschr Med** 1984 Oct 25;102(40):1017-8 (Eng. Abstr.) **(Ger)**

[A new material in neurosurgery] Krähling KH, et al. **Neurochirurgia (Stuttg)** 1984 Nov;27(6):166-9 (Eng. Abstr.) **(Ger)**

[Palliative embolization of kidney tumors using iodol-marked Ethibloc] Weber J, et al. **ROFO** 1984 Oct;141(4):384-9 (Eng. Abstr.) **(Ger)**

[Use of spirulina as an adjuvant nutrient factor in the therapy of the diseases accompanying a nutritional deficiency (preliminary note)] Fica V, et al. **Rev Med Interna [Med Interna]** 1984 May-Jun;36(3):225-32 **(Rum)**

TOXICITY

[Parotid duct occlusion with prolamine--sequelae of long-term administration in the animal model] Schröder M, et al. **HNO** 1984 Dec;32(12):507-10 (Eng. Abstr.) **(Ger)**

PROTEINS, BACTERIAL see **BACTERIAL PROTEINS**

PROTEINS, RIBOSOMAL see **RIBOSOMAL PROTEINS**

PROTEINURIA

Urinary proteins: interstrain differences in the laboratory rat. Brdička R. **Anim Blood Groups Biochem Genet** 1984; 15(2):79-83

A cause of discrepancy between values for urinary protein as assayed by the Coomassie Brilliant Blue G-250 method and the sulfosalicylic acid method. Shiba KS, et al. **Clin Chem** 1985 Jul;31(7):1215-8

Observations on a low molecular weight natriuretic and Na-K-ATPase inhibitory material in urine. Clarkson EM, et al. **Clin Exp Hypertens** [A] 1985;7(5-6):673-83

Observations on the 'cascade' of Na-K-ATPase inhibitory and digoxin-like immunoreactive material in human urine: possible relevance to essential hypertension. Weiler E, et al. **Clin Exp Hypertens** [A] 1985;7(5-6):809-36

Urinary protein patterns for differential diagnosis of glomerular or non-glomerular hematuria [letter] Miltényi M, et al. **Clin Nephrol** 1984 Aug;22(2):105

Polypeptide fragments of the third component of complement in urine of hereditary nephritis patients. Chiu FJ, et al. **J Immunol** 1985 Jun;134(6):4057-61

Further characterization of the endogenous natriuretic and digoxin-like immunoreacting activities in human urine: effects of changes in sodium intake. Kramer HJ, et al. **Renal Physiol** 1985;8(2):80-9

[Clinical studies on urinary micro protein assay in healthy subjects and diabetic patients] Iimura Y, et al. **Rinsho Byori** 1984 Nov;32(11):1225-9 **(Jpn)**

[Features of proteinuria in the differential diagnosis of latent pyelonephritis and glomerulonephritis] Makhlin NV, et al. **Urol Nefrol (Mosk)** 1984 Nov-Dec;(6):61-3 (Eng. Abstr.) **(Rus)**

BLOOD

alpha-Fetoprotein elevation and proteinuric pre-eclampsia. Walters BN, et al. **Br J Obstet Gynaecol** 1985 Apr; 92(4):341-4

Plasma concentrations of the natural anticoagulants protein C and protein S in patients with proteinuria. Cosio FG, et al. **J Lab Clin Med** 1985 Aug;106(2):218-22

Abnormal plasma fibronectin levels in patients with proteinuria. Cosio FG, et al. **J Lab Clin Med** 1984 Dec; 104(6):867-72

CHEMICALLY INDUCED

Daunomycin-induced nephropathy in rats. Kubosawa H, et al. **Acta Pathol Jpn** 1985 Jan;35(1):109-23

Proteinuria and oral gold treatment [letter] Gonzales JJ, et al. **Ann Intern Med** 1985 Apr;102(4):561-2

Captopril in Takayasu's disease [letter] Pirttiaho HI. **Arch Intern Med** 1985 Jan;145(1):180

Nephrotic syndrome during treatment with interferon [letter] Sriskandan K, et al. **Br Med J [Clin Res]** 1985 May 25; 290(6481):1590-1

Transient proteinuria and aminoaciduria in rodents following uranium intoxication. Bentley KW, et al. **Bull Environ Contam Toxicol** 1985 Mar;34(3):407-16

Enzymuria (alpha-glucosidase, muramidase, ribonuclease) and proteinuria (total proteins, beta 2-microglobulin, electrophoretic pattern) after cephalosporin and aminoglycoside administration. Guarnieri GF, et al. **Contrib Nephrol** 1984;42:210-9

Effect of cadmium pretreatment on nickel toxicity. Khandelwal S, et al. **IARC Sci Publ** 1984;(53):293-300

Increased glomerular thromboxane synthesis as a possible cause of proteinuria in experimental nephrosis. Remuzzi G, et al. **J Clin Invest** 1985 Jan;75(1):94-101

Transient glomerular proteinuria, enzymuria, and nephrotoxic reaction induced by radiocontrast media. Nicot GS, et al. **JAMA** 1984 Nov 2;252(17):2432-4

Role of oxygen radicals in phorbol myristate acetate-induced glomerular injury. Rehan A, et al. **Kidney Int** 1985 Mar; 27(3):503-11

Proteinuria after intravesical chemotherapy. Cooper EH, et al. **Prog Clin Biol Res** 1985;185B:167-71

The relationship between aurothioglucose- and D-penicillamine-induced proteinuria. Speerstra F, et al. **Scand J Rheumatol** 1984;13(4):363-8

Rifampicin induced light chain proteinuria and renal failure. Winter RJ, et al. **Thorax** 1984 Dec;39(12):952-3

Tubular proteinuria during treatment with cyclosporin A--a case report. Svenson KL, et al. **Ups J Med Sci** 1985; 90(1):43-8

CLASSIFICATION

Different types of proteinuria in diabetes mellitus. Miltényi M, et al. **Acta Paediatr Hung** 1984;25(1-2):131-7

COMPLICATIONS

Proteinuria and renal pathology in generalized sepsis. Linton AL, et al. **Contrib Nephrol** 1984;42:118-22

Association of circulating immune complexes with glomerular proteinuria in patients with transitional cell carcinoma of the urinary bladder. Skaarup P, et al. **Eur Urol** 1984;10(4):249-53

Nephropathy associated with Charcot-Marie-Tooth disease. Hara M, et al. **Int J Pediatr Nephrol** 1984 Jun;5(2):99-102

Massive obesity and nephrotic proteinuria with a normal renal biopsy. Wesson DE, et al. **Nephron** 1985;40(2):235-7

Chronic lymphocytic pulmonary infiltrate and Bence-Jones proteinuria. Harrison RN. **Respiration** 1984;46(3):334-6

Management of patients with a diastolic blood pressure of 90 mmHg in the third trimester of pregnancy. Allen DG, et al. **S Afr Med J** 1984 Dec 15;66(24):910-2

Anti-GBM nephritis in the mouse: severe proteinuria in the heterologous phase. Assmann KJ, et al. **Virchows Arch** [A] 1985;406(3):285-99

DIAGNOSIS

Exogenous protein as the cause of nephrotic-range proteinuria. Mitas JA 2d. **Am J Med** 1985 Jul;79(1):115-8

Hematuria, proteinuria, and hypertension in a patient with multiple organ system disease [clinical conference] Nord EP, et al. **Am J Nephrol** 1985;5(3):217-24

Light-chain proteinuria: spurious false-negative reaction to sulfosalicylic acid [letter] Nahman NS Jr, et al. **Ann Intern Med** 1985 Apr;102(4):557-8

The investigation of proteinuria in pregnancy using iso-dalt analysis. Clark PM, et al. **Br J Obstet Gynaecol** 1984 Oct; 91(10):979-85

Threshold of pathological proteinuria measured with Coomassie Brilliant Blue [letter] Lievens MM, et al. **Clin Chem** 1985 Jan;31(1):163-4

Clinical usefulness of cellulose acetate electrophoresis as a screening of proteinuria in childhood. Hara M, et al. **Int J Pediatr Nephrol** 1985 Apr-Jun;6(2):111-6

Evaluation of total protein excretion as a predictor of increased hemoglobin A1C levels in children with type 1 diabetes. Marr TJ, et al. **Int J Pediatr Nephrol** 1984 Jun; 5(2):73-4

Persistent proteinuria in asymptomatic individuals: renal biopsy studies. Ojogwu LI. **Trop Geogr Med** 1985 Mar; 37(1):69-73

[Physiological proteinuria in the newborn] Statz T, et al. **Dtsch Med Wochenschr** 1985 Jan 11;110(2):55-8 (Eng. Abstr.) **(Ger)**

[Glomerular proteinuria in pregnancy hypertension] Raidt H, et al. **Wien Klin Wochenschr** 1984 Oct 26;96(20):761-6 (Eng. Abstr.) **(Ger)**

[Methodologic references for clinical function diagnosis of glomerular permeability selectivity by molecular wight related protein analysis and additional para-aminohippuric acid load] Wüstenberg PW, et al. **Z Urol Nephrol** 1984 Oct;77(10):605-16 (Eng. Abstr.) **(Ger)**

[Laboratory contribution to the diagnosis of micromolecular myeloma. Description of 5 cases] Derelli E, et al. **Quad Sclavo Diagn** 1984 Jun;20(2):171-80 (Eng. Abstr.) **(Ita)**

[The Tamm-Horsfall protein--facts and hypotheses] Dulawa J, et al. **Pol Tyg Lek** 1984 Nov 5;39(45):1489-92 (48 ref.) **(Pol)**

[Proteinuria--a symptom or one of the pathogenetic factors of glomerulonephritis?] Plotkin VIa. **Klin Med (Mosk)** 1985 Jun;63(6):90-6 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Effect of indomethacin on the proteinuria of diabetic nephropathy. Jacob CK, et al. **J Assoc Physicians India** 1984 Aug;32(8):723-5

An ultrastructural study of the effect of the steroid in puromycin aminonucleoside nephrosis rats. Fujiwara Y. **Virchows Arch** [A] 1984;405(1):11-24

[Effect of Tripterygium wilfordii on the remission of proteinuria in patients with nephrotic syndrome] Chen SY. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):164-6, 132 (Eng. Abstr.) **(Chi)**

ENZYMOLOGY

Glomerular lysozyme binding in protein-overload proteinuria. Bliss DJ, et al. **Virchows Arch [Cell Pathol]** 1985;48(4):351-9

[Urinary enzyme excretion in nephropathia--with special reference to chance proteinuria and/or hematuria] Okura T, et al. **Nippon Jinzo Gakkai Shi** 1984 Jun;26(6):791-803 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

Proteinuria in autoimmune thyroid disease. Weetman AP, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):341-7

Diabetic proteinuria. Glomerular or tubular in origin? Abrass CK. **Am J Nephrol** 1984;4(6):337-46 (72 ref.)

Marked proteinuria in hypertensive nephrosclerosis. Mujais SK, et al. **Am J Nephrol** 1985;5(3):190-5

Light chain disease and massive proteinuria. Lessard F, et al. **Clin Chem** 1985 Mar;31(3):475-7

Asymptomatic low molecular weight proteinuria: a report on 5 cases. Suzuki Y, et al. **Clin Nephrol** 1985 May; 23(5):249-54

Acute renal failure and transient, massive proteinuria in a case of pheochromocytoma. Takabatake T, et al. **Clin Nephrol** 1985 Jul;24(1):47-9

Proteinuria in intact and splenectomized dogs after running and swimming. Joles JA, et al. **Int J Sports Med** 1984 Dec; 5(6):311-6

Selectivity of proteinuria as a diagnostic tool in nephrotic syndrome. Petrolwala MJ, et al. **J Assoc Physicians India** 1984 Aug;32(8):717-8

Postexercise proteinuria in humans. Facts and mechanisms. Poortmans JR. **JAMA** 1985 Jan 11;253(2):236-40

Proteinuria and hypertension after unilateral nephrectomy [letter] Zucchelli P, et al. **Lancet** 1985 Jul 27;2(8448):212

Tubular proteinuria in children without other defects of renal function. Geary DF, et al. **Nephron** 1985;40(3):329-31

Renal lesions in sickle cell nephropathy in children. Tejani A, et al. **Nephron** 1985;39(4):352-5

Giant lymph node hyperplasia associated with heavy proteinuria. Crook MJ, et al. **NY State J Med** 1984 Oct; 84(10):515-7

Heavy proteinuria following urinary diversion. Short CD. **Postgrad Med J** 1984 Oct;60(708):702-4

Low molecular weight proteinuria in diabetic children--a marker of early diabetic nephropathy? Wartha R, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:638-41

Genesis and evolution of proteinuria in diabetes mellitus. Wiseman MJ, et al. **Ric Clin Lab** 1985 Jan-Mar;15(1):9-16 (32 ref.)

Hypercortisolism, diarrhea with steatorrhea, and massive proteinuria due to pheochromocytoma. Interlandi JW, et al. **South Med J** 1985 Jul;78(7):879-83

Increase in proteinuria and/or microhematuria following upper respiratory tract infections in patients with IgA nephropathy. Miura M, et al. **Tokai J Exp Clin Med** 1984 Jun;9(2):139-45

Proteinuria following transplantation. Correlation with histopathology and outcome. First MR, et al. **Transplantation** 1984 Dec;38(6):607-12

Origin of proteinuria in human malaria. Ehrich JH, et al. **Trop Med Parasitol** 1985 Mar;36(1):39-42

Proteinuria and renal function in kidney transplant donors 10-18 years after donor uninephrectomy. Mathillas O, et al. **Ups J Med Sci** 1985;90(1):37-42

Aspects on tubular proteinuria. Wibell L. **Ups J Med Sci** 1985;90(1):5-14 (20 ref.)

Tubular proteinuria in renal calcium stone formers. Wikström B, et al. **Ups J Med Sci** 1985;90(1):25-30

[Changes in microquantitative proteinuria in diabetes mellitus patients after exercise test] Qiu CL. **Chung Hua Nei Ko Tsa Chih** 1984 Aug;23(8):465-8, 524 (Eng. Abstr.) **(Chi)**

[Differential diagnosis of hematuria and proteinuria in childhood] Dušek J. **Cesk Pediatr** 1985 Apr;40(4):226-8 **(Cze)**

[Renal and urinary sequelae of a marathon race] Péter-Contesse R, et al. **Schweiz Rundsch Med Prax** 1985 Mar 5;74(10):237-42 (Eng. Abstr.) **(Fre)**

[Proteinuria--selected physiopathological and clinical problems] Kucharz E. **Wiad Lek** 1984 Jul 15;37(14):1127-34 **(Pol)**

[Nephropathy in Schoenlein-Henoch purpura. Long-term developmental aspects in 55 cases] Vilalta R, et al. **An Esp Pediatr** 1984 Aug;21(2):107-12 (Eng. Abstr.) **(Spa)**

[Proteinuria in the nephrotic range as the initial manifestation of polycystic kidney (letter)] Martínez Vea A, et al. **Med Clin (Barc)** 1985 Jan 12;84(1):40 **(Spa)**

FAMILIAL & GENETIC

Genetic factors influence level of proteinuria in cationic antigen-induced immune complex glomerulonephritis in the rat. Kato A, et al. **Clin Exp Immunol** 1985 May; 60(2):369-72

[Coexistence of late spondyloepiphyseal dysplasia and congenital megaloblastic anemia with proteinuria in the same family] Marandian MH, et al. **Pediatrie** 1985 Jan-Feb; 40(1):49-53 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

Anti-GBM antibody-induced proteinuria in isolated perfused rat kidney. Couser WG, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F241-50

METABOLISM

Low capacity of erythrocytes to bind with immune complexes via C3b receptor in patients with systemic lupus erythematosus: correlation with pathological proteinuria. Nojima Y, et al. **Clin Immunol Immunopathol** 1985 Jan; 34(1):109-17

Immunochemical studies of serum, urine and calculus proteins in urolithiasis. Ibrahim AM, et al. **Clin Physiol Biochem** 1985;3(1):16-22

Absent ileal uptake of IF-bound vitamin B12 in vivo in the Imerslund-Grasbeck syndrome (familial vitamin B12 malabsorption with proteinuria). Burman JF, et al. **Gut** 1985 Mar;26(3):311-4

Maleate effects on kidney peptidases and proteinuria of male and female rats. Histochemical and biochemical studies. Asan E, et al. **Histochemistry** 1985;82(1):81-92

Adriamycin-induced chronic proteinuria: a structural and functional study. O'Donnell MP, et al. **J Lab Clin Med** 1985 Jul;106(1):62-7

Urinary protein binding, kinetics, and dynamics of furosemide in nephrotic patients. Smith DE, et al. **J Pharm Sci** 1985 Jun;74(6):603-7

Androgen-dependent proteins in the urine of bank voles (Clethrionomys glareolus). Kruczek M, et al. **J Reprod Fertil** 1985 Sep;75(1):189-92

Characterization of glomerular permeability and proteinuria in acute hypertension in the rat. Olivetti G, et al. **Kidney Int** 1984 Apr;25(4):599-607

Relationship among altered glomerular barrier permselectivity, angiotensin II, and mesangial uptake of macromolecules. Keane WF, et al. **Lab Invest** 1985 Jun; 52(6):599-604

Absence of sodium and water retention in rats with severe proteinuria. Van Liew JB, et al. **Nephron** 1985;40(4):476-81

Experimental focal segmental glomerulosclerosis: correlation with protein excretion, glomerular filtration rate, and renal plasma flow. Chandra M, et al. **Pediatr Res** 1984 Nov; 18(11):1195-201

The effect of captopril on urinary protein excretion in puromycin aminonucleoside nephrosis in rats. Trachtman H, et al. **Pediatr Res** 1985 Aug;19(8):828-34

[Renal peptidases and proteinuria following long-term treatment of castrated rats with sex hormones] Vogel S, et al. **Z Mikrosk Anat Forsch** 1984;98(3):337-52 (Eng. Abstr.) **(Ger)**

OCCURRENCE

Proteinuria in Sudanese children. el Hag AI, et al. **Ann Trop Paediatr** 1984 Jun;4(2):99-102

[Chance proteinuria and hematuria] Sakai T, et al. **Nippon Rinsho** 1984 Jun;42(6):1464-74 **(Jpn)**

PATHOLOGY

Renal allografts with glomerulonephritic change and proteinuria. Wakabayashi T, et al. **Acta Pathol Jpn** 1984 Sep;34(5):1017-30

Abnormally thin glomerular basement membranes associated with hematuria, proteinuria or renal failure in adults. Dische FE, et al. **Am J Nephrol** 1985;5(2):103-9

Proteinuria in amyloidosis correlates with epithelial detachment and distortion of amyloid fibrils. Katafuchi R, et al. **Clin Nephrol** 1984 Jul;22(1):1-8

Correlates of biopsy-studied nephropathy in young patients with insulin-dependent diabetes mellitus. Silverstein JH, et al. **J Pediatr** 1985 Feb;106(2):196-201

Asynchronous metastasizing renal cell carcinoma associated with progressive immune complex glomerulonephritis and proteinuria. Skaarup P, et al. **Scand J Urol Nephrol** 1984; 18(4):351-6

PHYSIOPATHOLOGY

The prognostic significance of proteinuria: the Framingham study. Kannel WB, et al. **Am Heart J** 1984 Nov;108(5):1347-52
Relation between proteinuria and morphology in IgA nephropathy. Beukhof JR, et al. **Contrib Nephrol** 1984;40:228-35
Permselectivity and proteinuria in 'minimal-lesion' nephrosis [letter] Wesson LG. **Renal Physiol** 1985;8(1):62-3

URINE

Characterization of fetal urinary proteins at midgestation and term. Kronquist KE, et al. **Biol Neonate** 1984;46(6):267-75
Cephalosporins and urinary protein determination [letter] Meatherall RC, et al. **Clin Chem** 1985 Jan;31(1):165
Self-testing: an emerging component of clinical chemistry [letter] Will EJ, et al. **Clin Chem** 1985 Aug;31(8):1410-1
A comparison of three different methods of concentration of urinary proteins. Ala-Houhala I, et al. **Clin Chim Acta** 1984 Oct 15;142(3):339-42
Urinary protein determination using Coomassie Brilliant Blue in the presence of sodium dodecyl sulphate. Perini JM, et al. **Clin Chim Acta** 1984 Nov 30;143(3):321-8
Fragmentation and polymeric complexes of albumin in human urine. Wiggins RC, et al. **Clin Chim Acta** 1985 Jul 15;149(2-3):155-63
Increased urinary protein excretion in the rat produced by serum from a patient with recurrent focal glomerular sclerosis after renal transplantation. Zimmerman SW. **Clin Nephrol** 1984 Jul;22(1):32-8
The vasoactive proteins in human urine. Giorginis S, et al. **FEBS Lett** 1985 Jan 21;180(1):61-4
Exercise-induced urinary abnormalities in long-distance runners. Gilli P, et al. **Int J Sports Med** 1984 Oct;5(5):237-40
Fast protein liquid chromatography scale-up procedures for the preparation of low-molecular-weight proteins from urine. Cooper EH, et al. **J Chromatogr** 1985 Jun 26;327:269-77
Cluster analysis of chromatographic profiles of urine proteins. Marshall RJ, et al. **J Chromatogr** 1984 Aug 3;297:235-44
Circadian variation of ova excretion, proteinuria, hematuria, and leukocyturia in urinary schistosomiasis. Doehring E, et al. **Kidney Int** 1985 Apr;27(4):667-71
Light-chain nephropathy [clinical conference] Fang LS. **Kidney Int** 1985 Mar;27(3):582-92 (79 ref.)
The mode of growth hormone administration is of major importance for the excretion of the major male rat urinary proteins. Husman B, et al. **Mol Cell Endocrinol** 1985 May;40(2-3):205-10
Fever and proximal tubular function in acute pyelonephritis. Sandberg T, et al. **Nephron** 1985;41(1):39-44
[Clinical significance of the determination of various urinary proteins in epidemic hemorrhagic fever] Cai SQ, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Feb;24(2):91-3, 125-6 (Eng. Abstr.) **(Chi)**
[Importance of determining the selectivity of proteinuria in children] Slováček R, et al. **Cesk Pediatr** 1984 Jul;39(7):400-1 (Eng. Abstr.) **(Cze)**
[Comparative study of urine immunoelectrophoresis and 4 indexes of glomerular selectivity in chronic glomerulopathies] Cahen R, et al. **Pathol Biol (Paris)** 1985 Jan;33(1):23-6 (Eng. Abstr.) **(Fre)**
[Quantitative determination of protein in the urine by a sensitive nephelometric method] Kirchherr H, et al. **J Clin Chem Clin Biochem** 1985 Feb;23(2):57-62 (Eng. Abstr.) **(Ger)**
[Isoelectric focusing on urinary proteins in ultrathin polyacrylamide gels] Peisker K. **Z Med Lab Diagn** 1985;26(1):28-33 (Eng. Abstr.) **(Ger)**
[Methodologic studies of SDS electrophoresis of urinary proteins] Peisker K. **Z Med Lab Diagn** 1984;25(7):372-7 (Eng. Abstr.) **(Ger)**
[Stress proteinuria under various training conditions of athletes] Schenk H, et al. **Z Med Lab Diagn** 1985;26(4):207-12 (Eng. Abstr.) **(Ger)**
[Analysis of proteinuria--analytical methods and its clinical significance] Ishimoto F, et al. **Nippon Rinsho** 1984 Jun;42(6):1475-82 **(Jpn)**
[Proteinuria in diabetics before and after treatment with the Biostator apparatus] Spesivtseva VG, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):3-5 (Eng. Abstr.) **(Rus)**

VETERINARY

Effect of collection time and exercise restriction on the prediction of urine protein excretion, using urine protein/creatinine ratio in dogs. McCaw DL, et al. **Am J Vet Res** 1985 Aug;46(8):1665-9
Use of protein-to-creatinine ratio in a single urine specimen for quantitative estimation of canine proteinuria. White JV, et al. **J Am Vet Med Assoc** 1984 Oct 15;185(8):882-5
Assessment of renal blood flow in dogs: analysis of 131I-hippuran blood clearance in healthy dogs and in dogs with proteinuria. Biewenga WJ, et al. **Res Vet Sci** 1985 Jan;38(1):1-5
[Urinary protein pattern in rats following castration and substitution with sex hormones] Schneider H, et al. **Z Mikrosk Anat Forsch** 1984;98(6):873-92 (Eng. Abstr.) **(Ger)**
[Dialysis for quantitative protein determination in sow urine] Hambitzer R, et al. **Zentralbl Veterinarmed [A]** 1985 Jun;32(6):459-66 (Eng. Abstr.) **(Ger)**

PROTEOCHONDROITIN SULFATES see under **PROTEOGLYCANS**

PROTEOGLYCANS

Ultracentrifugation of concentrated biopolymer solutions and effect of ascorbate. Lundh S. **Arch Biochem Biophys** 1985 Aug 15;241(1):265-74
Separation and characterization of two populations of aggregating proteoglycans from cartilage. Heinegård D, et al. **Biochem J** 1985 Jan 1;225(1):95-106
Domain structure of cartilage proteoglycans revealed by rotary shadowing of intact and fragmented molecules. Wiedemann H, et al. **Biochem J** 1984 Nov 15;224(1):331-3
Light-scattering study on chick-embryo cartilage proteoglycan type H (PG-H). Maeda H, et al. **Biopolymers** 1985 Mar;24(3):483-90
Proteoglycans in basement membranes. Höök M, et al. **Ciba Found Symp** 1984;108:44-59
Sequence data concerning the protein core of the cartilage proteoglycan monomers. Characterization of a sequence allowing the synthesis of an oligonucleotide probe. Périn JP, et al. **FEBS Lett** 1984 Oct 15;176(1):37-42

ADMINISTRATION & DOSAGE

[A multi-institutional study on postoperative adjuvant immunochemotherapy of gastric cancer] Nakajima T, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1850-63 (Eng. Abstr.) **(Jpn)**
[Long-term survival of patients with brain tumors treated with ACNU and PSK after surgery--with special reference to there immunological follow-up] Saito Y. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2185-92 (Eng. Abstr.) **(Jpn)**
[Augmentation of resistance against metastatic tumor cells after local administration of PSK] Tsuru S, et al. **Gan To Kagaku Ryoho** 1985 Jan;12(1):86-90 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Deglycosylation of chondroitin sulfate proteoglycan by hydrogen fluoride in pyridine. Olson CA, et al. **Anal Biochem** 1985 Apr;146(1):232-7
Kinetics of extraction of proteoglycans from human cartilage. Pottenger LA, et al. **Arthritis Rheum** 1985 Mar;28(3):323-30
Interaction of low density lipoproteins with arterial proteoglycans. The role of charge and sialic acid content. Camejo G, et al. **Atherosclerosis** 1985 Apr;55(1):93-105
Proteoglycan distribution in catheter-induced aortic lesions in normolipaemic rabbits. An ultrastructural study. Moore S, et al. **Atherosclerosis** 1985 Jun;55(3):313-30
Characterization of proteoglycans from the calcified matrix of bovine bone. Franzén A, et al. **Biochem J** 1984 Nov 15;224(1):59-66
The proteoglycans of the canine intervertebral disc. Cole TC, et al. **Biochim Biophys Acta** 1985 Apr 17;839(2):127-38
Highly sulfated proteochondroitin sulfates synthesized in vitro by rat glomeruli. Kobayashi S, et al. **Biochim Biophys Acta** 1985 Jul 26;841(1):71-80
Heterogeneity of heparan sulfate chains in a proteoglycan from bovine lung. Radhakrishnamurthy B, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):314-20
Cartilage proteoglycans from normal and osteochondrotic porcine joints. Nakano T, et al. **Can J Comp Med** 1985 Apr;49(2):219-26
Analysis of the morphology and function of primary cilia in connective tissues: a cellular cybernetic probe? Poole CA, et al. **Cell Motil** 1985;5(3):175-93
The localization and rate of disappearance of a synaptic vesicle antigen following denervation. Borroni E, et al. **Cell Tissue Res** 1985;241(2):367-72
Measurement of proteoglycans, elastase, collagenase and protein in synovial fluid in inflammatory and degenerative arthropathies. Gysen P, et al. **Clin Rheumatol** 1985 Mar;4(1):39-50
Matrix macromolecules of bone and dentin. Butler WT. **Coll Relat Res** 1984 Aug;4(4):297-307
Age variation in histidinoalanine cross-links in proteoglycan subunits from human articular cartilage. Fujimoto D, et al. **Coll Relat Res** 1984 Oct;4(5):395-8
Identification and characterization of the immunoprecipitating medium- and low-density tryptic fragments of bovine nasal cartilage proteoglycan. Keiser HD, et al. **Connect Tissue Res** 1985;13(2):157-67
Immunoelectron microscopy of proteodermatan sulfate in human mid-dermis. Longas MO, et al. **Connect Tissue Res** 1985;13(2):117-25
Immunological characterization of basement membrane types of heparan sulfate proteoglycan. Dziadek M, et al. **EMBO J** 1985 Apr;4(4):905-12
Proteoglycans in human atherosclerotic lesions--a pilot qualitative and quantitative study by ruthenium red. Huang W, et al. **Histopathology** 1984 Sep;8(5):835-45
Comparisons between extracted and residual proteoglycans on the glycosaminoglycan level and changes with ageing. Theocharis DA. **Int J Biochem** 1985;17(2):155-60
Structure of the cell wall proteogalactomannan from Neurospora crassa. II. Structural analysis of the polysaccharide part. Nakajima T, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1013-20
Chondroitin/dermatan sulfate proteoglycan in human fetal membranes. Demonstration of an antigenically similar proteoglycan in fibroblasts. Brennan MJ, et al. **J Biol Chem** 1984 Nov 25;259(22):13742-50
Monoclonal antibodies as probes for determining the microheterogeneity of the link proteins of cartilage proteoglycan. Caterson B, et al. **J Biol Chem** 1985 Sep 15;260(20):11348-56
Identification of the precursor protein to basement membrane heparan sulfate proteoglycans. Ledbetter SR, et al. **J Biol Chem** 1985 Jul 5;260(13):8106-113
Cell surface proteoglycan of mammary epithelial cells. Protease releases a heparan sulfate-rich ectodomain from a putative membrane-anchored domain. Rapraeger A, et al. **J Biol Chem** 1985 Apr 10;260(7):4103-9
The cell surface proteoglycan from mouse mammary epithelial cells bears chondroitin sulfate and heparan sulfate glycosaminoglycans. Rapraeger A, et al. **J Biol Chem** 1985 Sep 15;260(20):11046-52
Proteoglycans of human infant intervertebral disc. Electron microscopic and biochemical studies. Buckwalter JA, et al. **J Bone Joint Surg [Am]** 1985 Feb;67(2):284-94
Ultrastructural modifications of proteoglycans coincident with mineralization in local regions of rat growth plate. Shepard N, et al. **J Bone Joint Surg [Am]** 1985 Mar;67(3):455-64
Characteristics of the core protein of the aggregating proteoglycan from the Swarm rat chondrosarcoma. Stevens JW, et al. **J Cell Biochem** 1984;26(4):247-59
The ultrastructural organization of proteoglycans and collagen in human and rabbit scleral matrix. Young RD. **J Cell Sci** 1985 Mar;74:95-104
The use of improved ruthenium red staining for the ultrastructural detection of proteoglycan aggregates in normal skin and lichen myxoedematosus. Ishii M, et al. **J Cutan Pathol** 1984 Aug;11(4):292-5
Ruthenium hexammine trichloride-positive materials in developing mouse molar predentine and intercellular spaces between preodontoblasts. Furuhashi K, et al. **J Electron Microsc (Tokyo)** 1984;33(4):384-7
Localization of laminin, type IV collagen, fibronectin, and heparan sulfate proteoglycan in chick retinal pigment epithelium basement membrane during embryonic development. Turksen K, et al. **J Histochem Cytochem** 1985 Jul;33(7):665-71
Radioimmunoassay of proteoglycans. Gysen P, et al. **J Immunoassay** 1984;5(3-4):221-43
Cellular distribution of the Ia-associated chondroitin sulfate proteoglycan. Sant AJ, et al. **J Immunol** 1985 Jul;135(1):408-15
Studies on human scar tissue proteoglycans. Swann DA, et al. **J Invest Dermatol** 1985 Jun;84(6):527-31
Immunopurification and characterization of a neuronal heparan sulfate proteoglycan. Matthew WD, et al. **J Neurosci** 1985 Jul;5(7):1842-50
Age-related changes in articular cartilage proteoglycans: electron microscopic studies. Buckwalter JA, et al. **J Orthop Res** 1985;3(3):251-7
Heterogeneity of proteoglycans from tissue cultured human neuroblastoma cells. Hampson I, et al. **Prog Clin Biol Res** 1985;175:223-7
A method for the quantification of cartilage proteoglycan structures liberated to the synovial fluid during developing degenerative joint disease. Heinegård D, et al. **Scand J Clin Lab Invest** 1985 Sep;45(5):421-7
[Heterogeneity of binding proteins of proteoglycan aggregates from human hyaline cartilage under normal conditions and in systemic bone dysplasias] Feshchenko SP, et al. **Biokhimiia** 1985 Apr;50(4):693-9 (Eng. Abstr.) **(Rus)**
[Amino acid composition of proteoglycan protein of human articular cartilage in normal conditions and in degeneration] Kosiagin DV. **Ukr Biokhim Zh** 1984 Sep-Oct;56(5):549-51 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Proteoglycan production by chick embryonic chondrocytes is inhibited by culture filtrate of Bacteroides gingivalis. van Kampen GP, et al. **J Periodont Res** 1984 Sep;19(5):483-8

BIOSYNTHESIS

Effect of human growth hormone on proteoglycan synthesis in cultured rat chondrocytes. Madsen K, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):338-42
Growth and differentiation of human nasal epithelial cells in culture. Serum-free, hormone-supplemented medium and proteoglycan synthesis. Wu R, et al. **Am Rev Respir Dis** 1985 Aug;132(2):311-20
Differentiation and de-differentiation of cultured chondrocytes: increase in monomeric size of 'cartilage-specific' proteoglycans by dibutyryl cyclic AMP and complete inhibition of their synthesis by retinoic acid. Hiraki Y, et al. **Biochem Int** 1985 Feb;10(2):267-72
The effects of trypsin treatment on proteoglycan biosynthesis by bovine articular cartilage. Bartholomew JS, et al. **Biochem J** 1985 Apr 15;227(2):429-37
Selective inhibition of proteoglycan and hyaluronate synthesis in chondrocyte cultures by cyclofenil diphenol.

a non-steroidal weak oestrogen. Mason RM, et al. **Biochem J** 1984 Oct 15;223(2):401-12

Articular cartilage cultured with catabolin (pig interleukin 1) synthesizes a decreased number of normal proteoglycan molecules. Tyler JA. **Biochem J** 1985 May 1;227(3):869-78

Inhibition of proteoglycan synthesis by hydrogen peroxide in cultured bovine articular cartilage. Bates EJ, et al. **Biochim Biophys Acta** 1985 Feb 15;838(2):221-8

Heterogeneity of cell-associated and secretory heparan sulphate proteoglycans produced by cultured human neuroblastoma cells. Hampson IN, et al. **Biochim Biophys Acta** 1984 Sep 28;801(2):306-13

Differential effects of parathyroid hormone and somatomedin-like growth factors on the sizes of proteoglycan monomers and their synthesis in rabbit costal chondrocytes in culture. Hiraki Y, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):445-53

Synthesis and possible role of proteoglycans during Volvox development. Kopan R, et al. **Cell Differ** 1985 Apr; 16(2):119-32

Somite chondrogenesis: alterations in cyclic AMP levels and proteoglycan synthesis. Vasan N, et al. **Cell Differ** 1985 Jun;16(4):229-34

Biosynthesis of sulfated proteoglycan in vitro by cells derived from human osteochondrophytic spurs of the femoral head. Malemud CJ, et al. **Connect Tissue Res** 1984;12(3-4):319-35

Multiplication-stimulating activity (MSA) stimulates proteoglycan synthesis in cultured endothelial cells. Bar RS, et al. **Endocrinology** 1984 Dec;115(6):2487-9

Immunofluorescence studies on cartilage matrix synthesis. The synthesis of link protein, chondroitin sulfate proteoglycan monomer and type II collagen. Vertel BM, et al. **Exp Cell Res** 1985 Jun;158(2):423-32

Biosynthesis of proteoglycans by lens epithelial cells of cataractous mouse (Nakano strain). Nakazawa K, et al. **Exp Eye Res** 1985 Apr;40(4):609-18

Mechanisms of chain initiation in the biosynthesis of connective tissue polysaccharides. Rodén L, et al. **Fed Proc** 1985 Feb;44(2):373-80

Synthesis and structure of proteoglycan core protein. Schwartz NB, et al. **Fed Proc** 1985 Feb;44(2):369-72

Biosynthetic studies of proteoglycans in human melanoma cells with a monoclonal antibody to a core glycoprotein of chondroitin sulfate proteoglycans. Bumol TF, et al. **J Biol Chem** 1984 Oct 25;259(20):12733-41

Isolation and characterization of proteoglycans synthesized in ovo by embryonic chick cartilage and new bone. Carrino DA, et al. **J Biol Chem** 1985 Jan 10;260(1):122-7

Biosynthesis of proteodermatan sulfate in cultured human fibroblasts. Glössl J, et al. **J Biol Chem** 1984 Nov 25; 259(22):14144-50

Stimulation by glucocorticoid of the synthesis of cartilage-matrix proteoglycans produced by rabbit costal chondrocytes in vitro. Kato Y, et al. **J Biol Chem** 1985 Feb 25;260(4):2364-73

Novel inhibition of proteoglycan synthesis and exocytosis by diethylcarbamazine in the Swarm rat chondrocyte. Stevens RL, et al. **J Biol Chem** 1985 May 10;260(9):5777-86

Evidence for transsynaptic regulation of neuronal cell surface heparan sulfate proteoglycan in developing rat superior cervical ganglion. Greif KF, et al. **J Cell Biochem** 1984; 26(2):127-33

Intracellular features of type II procollagen and chondroitin sulfate proteoglycan synthesis in chondrocytes. Vertel BM, et al. **J Cell Biochem** 1985;27(3):215-29

Synthesis of cartilage matrix by mammalian chondrocytes in vitro. III. Effects of ascorbate. Daniel JC, et al. **J Cell Biol** 1984 Dec;99(6):1960-9

Sulfated proteoglycan synthesis by confluent cultures of rabbit costal chondrocytes grown in the presence of fibroblast growth factor. Kato Y, et al. **J Cell Biol** 1985 Feb;100(2):477-85

Effect of exogenous extracellular matrices on proteoglycan synthesis by cultured rabbit costal chondrocytes. Kato Y, et al. **J Cell Biol** 1985 Feb;100(2):486-95

Synthesis by Schwann cells of basal lamina and membrane-associated heparan sulfate proteoglycans. Mehta H, et al. **J Cell Biol** 1985 Aug;101(2):660-6

The in vitro cell culture age and cell density of articular chondrocytes alter sulfated-proteoglycan biosynthesis. Malemud CJ, et al. **J Cell Physiol** 1984 Dec;121(3):558-68

Biosynthetic relationships of the chondroitin sulfate proteoglycan with Ia and invariant chain glycoproteins. Sant AJ, et al. **J Immunol** 1985 Jul;135(1):416-22

Correlation of histopathology and sulfated proteoglycans in human osteoarthritic hip cartilage. Goldberg VM, et al. **J Orthop Res** 1984;1(3):302-12

Hydrogen peroxide suppresses the proteoglycan synthesis of intact articular cartilage. Schalkwijk J, et al. **J Rheumatol** 1985 Apr;12(2):205-10

The effect of serum growth factors and xyloside on molecular aging of proteoglycan in embryonal chick cartilage. Nevo Z, et al. **Mech Ageing Dev** 1984 Aug;26(2-3):133-47

De novo cellular synthesis of sulfated proteoglycans of the developing renal glomerulus in vivo. Kanwar YS, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7108-11

Studies on the control of proteoglycan synthesis in normal and genetically abnormal avian cartilage. Goetinck PF. **Prog Clin Biol Res** 1985;171:137-47

Anti-inflammatory drugs, prostanoid and proteoglycan production by cultured bovine articular chondrocytes. Mitrovic D, et al. **Prostaglandins** 1984 Sep;28(3):417-34

Sulfated proteoglycans synthesized in myometrium of the estrogen-treated rabbit. Munakata H, et al. **Tohoku J Exp Med** 1984 Nov;144(3):291-7

Experimental studies on the pathogenesis of ochronotic arthropathy. The effects of homogentisic acid on adult and fetal articular chondrocyte morphology, proliferative capacity and synthesis of proteoglycans in vitro. Kirkpatrick CJ, et al. **Virchows Arch [Cell Pathol]** 1984; 47(4):347-60

DEFICIENCY

Congenital genetic murine (ch) hydrocephalus. A structural model of cellular dysplasia and disorganization with the molecular locus of deficient proteoglycan synthesis. Richardson RR. **Childs Nerv Syst** 1985;1(2):87-99

GENETICS

Molecular cloning and sequence analysis of a chondroitin sulfate proteoglycan cDNA. Bourdon MA, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1321-5

IMMUNOLOGY

Isolation and characterization of cartilage proteoglycans immunoreactive with an antibody to skin proteodermatan sulfate core protein. Onodera S, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):95-101

Production and characterization of monoclonal antibodies to bovine skin proteodermatan sulfate. Pringle GA, et al. **Coll Relat Res** 1985 Jan;5(1):23-39

Monoclonal antibodies to proteokeratan sulfate of rabbit corneal stroma. SundarRaj N, et al. **Curr Eye Res** 1985 Jan;4(1):49-54

Production and characterization of monoclonal antibodies directed against connective tissue proteoglycans. Caterson B, et al. **Fed Proc** 1985 Feb;44(2):386-93 (32 ref.)

Heparan sulfate proteoglycans from mouse mammary epithelial cells: localization on the cell surface with a monoclonal antibody. Jalkanen M, et al. **J Cell Biol** 1985 Sep;101(3):976-84

Sera from patients with poststreptococcal glomerulonephritis contain antibodies to glomerular heparan sulfate proteoglycan. Fillit H, et al. **J Exp Med** 1985 Feb 1; 161(2):277-89

Arthritis induced by a T-lymphocyte clone that responds to Mycobacterium tuberculosis and to cartilage proteoglycans. van Eden W, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5117-20

ISOLATION & PURIFICATION

Heparan sulfate proteoglycans of human neuroblastoma cells: affinity fractionation on columns of platelet factor-4+. Maresh GA, et al. **Arch Biochem Biophys** 1984 Sep; 233(2):428-37

Isolation of the major chondroitin sulfate/dermatan sulfate and heparan sulfate proteoglycans from embryonic chicken retina. Morris JE. **Arch Biochem Biophys** 1984 Nov 15; 235(1):127-40

Isolation and characterization of cartilage proteoglycans immunoreactive with an antibody to skin proteodermatan sulfate core protein. Onodera S, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):95-101

Extraction and purification of proteoglycans from mature bovine bone. Franzén A, et al. **Biochem J** 1984 Nov 15; 224(1):47-58

Isolation and characterization of a link protein from bovine aorta proteoglycan aggregate. Vijayagopal P, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):110-8

Proteoglycan association with collagen d band in hyaline articular cartilage. Orford CR, et al. **Connect Tissue Res** 1984;12(3-4):345-8

Immobilization of hyaluronate on cellulose fibres and its use for the isolation of cartilage components. Kalpaxis DL, et al. **Int J Biochem** 1985;17(1):61-6

Structure of the cell wall proteogalactomannan from Neurospora crassa. I. Purification of the proteoheteroglycan and characterization of alkali-labile oligosaccharides. Nakajima T, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1005-11

Isolation and partial characterization of high-buoyant-density proteoglycans synthesized in ovo by embryonic chick skeletal muscle and heart. Carrino DA, et al. **J Biol Chem** 1984 Oct 25;259(20):12419-30

Isolation of two forms of basement membrane proteoglycans. Hassell JR, et al. **J Biol Chem** 1985 Jul 5;260(13):8098-105

Isolation and characterization of the heparan sulfate proteoglycans of brain. Use of affinity chromatography on lipoprotein lipase-agarose. Klinger MM, et al. **J Biol Chem** 1985 Apr 10;260(7):4082-90

Isolation and characterization of the heparan sulfate proteoglycan of the bovine glomerular basement membrane. Parthasarathy N, et al. **J Biol Chem** 1984 Oct 25;259(20):12749-55

Cartilage link proteins. Biochemical and immunochemical studies of isolation and heterogeneity. Poole AR, et al. **J Biol Chem** 1984 Dec 10;259(23):14849-56

The cell surface proteoglycan from mouse mammary epithelial cells bears chondroitin sulfate and heparan sulfate glycosaminoglycans. Rapraeger A, et al. **J Biol Chem** 1985 Sep 15;260(20):11046-52

Isolation of dermatan sulfate proteoglycans from mature bovine articular cartilages. Rosenberg LC, et al. **J Biol Chem** 1985 May 25;260(10):6304-13

Purification and characterization of protease-resistant secretory granule proteoglycans containing chondroitin sulfate di-B and heparin-like glycosaminoglycans from rat basophilic leukemia cells. Seldin DC, et al. **J Biol Chem** 1985 Sep 15;260(20):11131-9

Characterization of proteoglycans from adult bovine tendon. Vogel KG, et al. **J Biol Chem** 1985 Aug 5;260(16):9298-306

[Proteoglycans of the bovine vitreous body] Kaneko M. **Nippon Ganka Gakkai Zasshi** 1984 Dec;88(12):1477-86 (Eng. Abstr.) **(Jpn)**

[Components of proteoglycan aggregates in human hyaline cartilage] Feshchenko SP, et al. **Biokhimiia** 1984 Oct; 49(10):1679-85 (Eng. Abstr.) **(Rus)**

METABOLISM

Insoluble low-density lipoprotein-proteoglycan complexes enhance cholesteryl ester accumulation in macrophages. Salisbury BG, et al. **Am J Pathol** 1985 Jul;120(1):6-11

Proteoglycans from lungs of rabbits treated with pronase and cadmium chloride. Radhakrishnamurthy B, et al. **Am Rev Respir Dis** 1985 Jun;131(6):855-61

Turnover of proteoglycans in cultures of bovine articular cartilage. Campbell MA, et al. **Arch Biochem Biophys** 1984 Oct;234(1):275-89

Enzyme activities involved in collagen and proteoglycan degradations in oral mucosas of beige (Chediak-Higashi syndrome) mice. Shikata H, et al. **Arch Dermatol Res** 1985; 277(4):340-1

Arterial dermatan sulfate proteoglycan structure in pigeons susceptible to atherosclerosis. Rowe HA, et al. **Arteriosclerosis** 1985 Jan-Feb;5(1):101-9

Phosphorylation of proteoglycans. Identification of phosphorylation sites in chondroitin sulfate-rich region of core protein. Anderson RS, et al. **Arthritis Rheum** 1985 Jul;28(7):804-12

Chondrocytes that accumulate proteoglycans and inorganic pyrophosphate in the pathogenesis of chondrocalcinosis [letter] Ishikawa K. **Arthritis Rheum** 1985 Jan;28(1):118-20

Influence of the severity and duration of murine antigen-induced arthritis on cartilage proteoglycan synthesis and chondrocyte death. Kruijsen MW, et al. **Arthritis Rheum** 1985 Jul;28(7):813-9

Enhanced breakdown of bovine articular cartilage proteoglycans by conditioned synovial medium in vitro. The effect of glycosaminoglycan polysulfate. Jones IL, et al. **Arzneimittelforsch** 1985;35(1):141-4

Photochemical cross-linking of beta-galactoside-binding lectin to polylactosamino-proteoglycan of chick embryonic skin. Oda Y, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1215-20

Structure and interactions of cartilage proteoglycan binding region and link protein. Bonnet F, et al. **Biochem J** 1985 May 15;228(1):77-85

Chondrocyte-mediated depletion of articular cartilage proteoglycans in vitro. Tyler JA. **Biochem J** 1985 Jan 15; 225(2):493-507

Specific inhibition of type I and type II collagen fibrillogenesis by the small proteoglycan of tendon. Vogel KG, et al. **Biochem J** 1984 Nov 1;223(3):587-97

In situ interaction of cartilage proteoglycans with matrix proteins. Aletras AJ, et al. **Biochim Biophys Acta** 1985 Jun 18;840(2):170-9

The intracellular localisation of proteoglycans and their accumulation in chondrocytes treated with monensin. Burditt LJ, et al. **Biochim Biophys Acta** 1985 Feb 21; 844(2):247-55

Changes in the chondroitin sulfate-rich region of articular cartilage proteoglycans in experimental osteoarthritis. Cox MJ, et al. **Biochim Biophys Acta** 1985 Jun 18;840(2):228-34

The structural stability of low-density lipoprotein. A kinetic X-ray scattering study of its interaction with arterial proteoglycans. Mateu L, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):525-34

Delayed aggregation of proteoglycans in adult human articular cartilage. Bayliss MT, et al. **Biosci Rep** 1984 Oct; 4(10):827-33

Oxygen-centred free radicals can efficiently degrade the polypeptide of proteoglycans in whole cartilage. Dean RT, et al. **Biosci Rep** 1984 Dec;4(12):1017-26

Proteoglycan-type I collagen fibril interactions in bone and non-calcifying connective tissues. Scott JE, et al. **Biosci Rep** 1985 Jan;5(1):71-81

Laminin, proteoglycan, nidogen and collagen IV: structural models and molecular interactions. Timpl R, et al. **Ciba Found Symp** 1984;108:25-43 (27 ref.)

Regulation of type I collagen fibril assembly by link protein and proteoglycans. Chandrasekhar S, et al. **Coll Relat Res** 1984 Oct;4(5):323-37

Proteoglycans and glycosaminoglycans of normal and strontium rachitic epiphyseal cartilage. Reinholt FP, et al. **Coll Relat Res** 1985 Jan;5(1):41-53

Proteoglycans and glycosaminoglycans of epiphyseal cartilage in florid and healing low phosphate, vitamin D deficiency rickets. Reinholt FP, et al. **Coll Relat Res** 1985 Jan;5(1):55-64

Proteoglycans and glycosaminoglycans in cartilage from the brachymorphic (bm/bm) mouse. Wikström B, et al. **Coll Relat Res** 1985 Mar;5(2):193-204

Elastin-proteoglycans association revealed by cytochemical methods. Contri MB, et al. **Connect Tissue Res** 1985;

13(3):237-49

The effect of synovial catabolin on cartilage synthetic activity. Dingle JT. **Connect Tissue Res** 1984; 12(3-4):277-86

Fibrillar structure of alpha-elastin methylester complexes with glycoproteins and proteoglycans. Velebný V, et al. **Connect Tissue Res** 1984;12(3-4):203-10

Altered synthesis of Bruch's membrane proteoglycans associated with dominant retinitis pigmentosa. Hewitt AT, et al. **Curr Eye Res** 1985 Mar;4(3):169-74

Intralysosomal formation and metabolic fate of N-acetylglucosamine 6-sulfate from keratan sulfate. Fuchs W, et al. **Eur J Biochem** 1985 Sep 16;151(3):551-6

Ultrastructural localization and characterization of proteoglycans in human lung alveoli. van Kuppevelt TH, et al. **Eur J Cell Biol** 1985 Jan;36(1):74-80

Binding and degradation of proteoglycans by cultured arterial smooth muscle cells. II. Binding sites of proteoglycans on the cell surface. Völker W, et al. **Eur J Cell Biol** 1985 Jan;36(1):58-65

Spatial interrelationships between proteoglycans and extracellular matrix proteins in cell cultures. Avnur Z, et al. **Exp Cell Res** 1985 Jun;158(2):321-32

Redox status of cultured fibroblasts. Possible relations with specific catabolic rates of proteoglycans. Kittlick PD, et al. **Exp Pathol** 1985;27(1):41-8

Proteoglycans in pathological conditions: atherosclerosis. Wight TN. **Fed Proc** 1985 Feb;44(2):381-5 (25 ref.)

Proteoglycans from cultures of fibroblast from the human uterine cervix. Uldbjerg N, et al. **Gynecol Obstet Invest** 1985;19(3):146-54

Cationic dyes reveal proteoglycans on the surface of epithelial and endothelial kidney cells. Reale E, et al. **Histochemistry** 1985;82(6):513-8

Age-related changes of proteoglycan subunits from sheep nasal cartilage. Theocharis DA, et al. **Int J Biochem** 1985; 17(4):479-84

Morphology of peritumoral proteoglycan alterations in the rabbit mesentery invaded by V2 carcinoma cells. Müller-Glauser W, et al. **Int J Cancer** 1984 Oct 15; 34(4):545-53

Research on proteoglycan metabolism. Castellani AA, et al. **Ital J Biochem** 1984 Jul-Aug;33(4):240A-253A

Proteoglycan modifications in cultured osteogenesis imperfecta skin fibroblasts. De Luca G, et al. **Ital J Biochem** 1984 Nov-Dec;33(6):403-12

Kinetics of proteoheparan sulfate synthesis, secretion, endocytosis, and catabolism by a hepatocyte cell line. Bienkowski MJ, et al. **J Biol Chem** 1984 Nov 10; 259(21):12989-96

Heparan sulfate-chondroitin sulfate hybrid proteoglycan of the cell surface and basement membrane of mouse mammary epithelial cells. David G, et al. **J Biol Chem** 1985 Sep 15;260(20):11067-74

Neoplastic modulation of extracellular matrix. Colon carcinoma cells release polypeptides that alter proteoglycan metabolism in colon fibroblasts. Iozzo RV. **J Biol Chem** 1985 Jun 25;260(12):7464-73

Oligosaccharides generated by an endoglucuronidase are intermediates in the intracellular degradation of heparan sulfate proteoglycans. Kjellén L, et al. **J Biol Chem** 1985 Jul 15;260(14):8416-22

Heparan sulfate proteoglycans from mouse mammary epithelial cells. Cell surface proteoglycan as a receptor for interstitial collagens. Koda JE, et al. **J Biol Chem** 1985 Jul 5;260(13):8157-62

Heparan sulfate proteoglycans from mouse mammary epithelial cells. Basal extracellular proteoglycan binds specifically to native type I collagen fibrils. Koda JE, et al. **J Biol Chem** 1984 Oct 10;259(19):11763-70

Interaction of proteoglycans with the pericellular (1 alpha, 2 alpha, 3 alpha) collagens of cartilage. Smith GN Jr, et al. **J Biol Chem** 1985 Sep 5;260(19):10761-7

Heparan sulfate proteoglycans of rat embryo fibroblasts. A hydrophobic form may link cytoskeleton and matrix components. Woods A, et al. **J Biol Chem** 1985 Sep 5; 260(19):10872-9

Effects of monensin on the synthesis, transport, and intracellular degradation of proteoglycans in rat ovarian granulosa cells in culture. Yanagishita M, et al. **J Biol Chem** 1985 May 10;260(9):5445-55

Inhibition of intracellular degradation of proteoglycans by leupeptin in rat ovarian granulosa cells. Yanagishita M. **J Biol Chem** 1985 Sep 15;260(20):11075-82

Pseudoachondroplasia: biochemical and histochemical studies of cartilage. Pedrini-Mille A, et al. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1408-14

Acetylcholine receptor aggregation parallels the deposition of a basal lamina proteoglycan during development of the neuromuscular junction. Anderson MJ, et al. **J Cell Biol** 1984 Nov;99(5):1769-84

Anchorage of collagen-tailed acetylcholinesterase to the extracellular matrix is mediated by heparan sulfate proteoglycans. Brandan E, et al. **J Cell Biol** 1985 Sep; 101(3):985-92

Fluorescent morphological probe for hyaluronate. Knudson CB, et al. **J Cell Biol** 1985 May;100(5):1753-8

Electron microscopic characterization of chick embryonic skeletal muscle proteoglycans. Pechak DG, et al. **J Cell Biol** 1985 May;100(5):1767-76

Heparan sulfate proteoglycans are concentrated on the sinusoidal plasmalemmal domain and in intracellular organelles of hepatocytes. Stow JL, et al. **J Cell Biol** 1985 Mar;100(3):975-80

Relationship of heparan sulfate proteoglycans to the cytoskeleton and extracellular matrix of cultured fibroblasts. Woods A, et al. **J Cell Biol** 1984 Nov; 99(5):1743-53

Secretion of an articular cartilage proteoglycan-degrading enzyme activity by murine T lymphocytes in vitro. Kammer GM, et al. **J Clin Invest** 1985 Aug;76(2):395-402

Structure of newly synthesised (35S)-proteoglycans and (35S)-proteoglycan turnover products of cartilage explant cultures from dogs with experimental osteoarthritis. Carney SL, et al. **J Orthop Res** 1985;3(2):140-7

Demonstration of increased proteoglycan turnover in cartilage explants from dogs with experimental osteoarthritis. Carney SL, et al. **J Orthop Res** 1984; 2(3):201-6

Effects of spinal fusion on the proteoglycans of the canine intervertebral disc. Cole TC, et al. **J Orthop Res** 1985; 3(3):277-91

Microinjury to the synovial membrane may cause disaggregation of proteoglycans in rabbit knee joint articular cartilage. Frost L, et al. **J Orthop Res** 1984; 2(3):207-20

The effect of juvenile inflammatory synovial fluid on in vitro cartilage. Silverman ED, et al. **J Rheumatol** 1984 Dec; 11(6):798-803

Difference in cartilage proteoglycan level in synovial fluid in early rheumatoid arthritis and reactive arthritis. Saxne T, et al. **Lancet** 1985 Jul 20;2(8447):127-8

Basement membrane heparan sulfate proteoglycans are concentrated in the laminae rarae and in podocytes of the rat renal glomerulus. Stow JL, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3296-300

Appearance of basement membrane components during the differentiation of limb bud mesenchyme cells in culture. Hassell JR, et al. **Prog Clin Biol Res** 1985;171:75-86

Enhanced breakdown in vitro of bovine articular cartilage proteoglycans by conditioned synovial medium. The effect of phenylglyoxal. Klämfeldt A. **Scand J Rheumatol** 1985; 14(2):217-23

PHARMACODYNAMICS

Cloning of sequences induced and suppressed by administration of PSK, antitumor protein-bound polysaccharide. Hirose K, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):884-92

Effect of protein-bound polysaccharide (PS-K) on microtubule proteins. III. Some properties of PS-K inhibition of microtubule polymerization and the site of its action. Fujii T, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4518-24

Inhibition of adenosine-5'-triphosphatase activity in microtubule protein preparation by PS-K. Fujii T, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2460-3

Changes of human immunological parameters by PSK administration. Yamakido M, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):793-800

Effect of PSK on interferon production in tumor-bearing mice. Kitani H, et al. **J Clin Lab Immunol** 1984 Dec; 15(4):211-4

Evaluation of PSK, an antitumor protein-bound polysaccharides, by thymocyte electrophoresis. Iwaguchi T, et al. **J Pharmacobiodyn** 1984 Sep;7(9):677-80

[Influence of immunopotentiators on the activation of 5-FU derivatives] Nakazato H, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):867-74 (Eng. Abstr.) **(Jpn)**

[Effect of PSK on prostaglandin metabolism (I)] Takahata K, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1131-6 (Eng. Abstr.) **(Jpn)**

[Effect of PSK on the recovery of macrophage function and T cell-mediated immunity in tumor-bearing mice] Tsuru S, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2375-80 (Eng. Abstr.) **(Jpn)**

[Direct antitumor activity of biological response modifiers (B.R.M.) proven by an in vitro sensitivity test] Yanagawa T, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2155-62 (Eng. Abstr.) **(Jpn)**

[Effect of PS-K on experimental neurogenic tumors in rats induced by ethylnitrosourea] Tokuda K, et al. **Hokkaido Igaku Zasshi** 1984 Sep;59(5):639-42 (Eng. Abstr.) **(Jpn)**

[Study of macrophage in animals treated with immunochemotherapeutic agents] Ito Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1985 Feb 20;20(1):9-17 (Eng. Abstr.) **(Jpn)**

[2 functions of proteoglycans in erythrocyte aggregation and adhesion] Bychkov SM, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):410-3 (Eng. Abstr.) **(Rus)**

[Biological activity of chalone-like proteoglycans during ontogeny] Ronichevskaia GM, et al. **Ontogenez** 1984 Sep-Oct;15(5):529-34 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Proteoglycans and cell adhesion. Their putative role during tumorigenesis. Turley EA. **Cancer Metastasis Rev** 1984; 3(4):325-39 (147 ref.)

Recent advances in molecular pathology. Carbohydrate-protein macromolecules and arterial wall integrity—a role in atherogenesis. Berenson GS, et al. **Exp Mol Pathol** 1984 Oct;41(2):267-87 (75 ref.)

Proteoglycans: an overview. Kuettner KE, et al. **J Cell Biochem** 1985;27(4):327-36 (76 ref.)

Sorting and secretion of adrenocorticotropin in a pituitary tumor cell line after perturbation of the level of a secretory granule-specific proteoglycan. Burgess TL, et al. **J Cell Biol** 1984 Dec;99(6):2223-30

A neuronal cell surface heparan sulfate proteoglycan is required for dorsal root ganglion neuron stimulation of Schwann cell proliferation. Ratner N, et al. **J Cell Biol** 1985 Sep;101(3):744-54

Atypical distribution of asymmetric acetylcholinesterase in mutant PC12 pheochromocytoma cells lacking a cell surface heparan sulfate proteoglycan. Inestrosa NC, et al. **J Neurochem** 1985 Jul;45(1):86-94

A role for pericellular proteoglycan in the binding of thrombin or antithrombin III by the blood vessel endothelium? The effects of proteoglycan-degrading enzymes and glycosaminoglycan-binding proteins on 125I-thrombin binding by the rabbit thoracic aorta in vitro. Hatton MW, et al. **Thromb Haemost** 1985 Apr 22; 53(2):228-34

[Morphological study of the epiphyseal cartilage in cartilage matrix deficiency (CMD) mouse—a consideration on the roles and functions of cartilage-specific proteoglycan] Kobayakawa M. **Nippon Seikeigeka Gakkai Zasshi** 1985 Feb;59(2):203-14 (Eng. Abstr.) **(Jpn)**

SECRETION

Effect of ascorbic acid on secreted proteoglycans from rabbit articular chondrocytes. Jouis V, et al. **FEBS Lett** 1985 Jul 8;186(2):233-40

THERAPEUTIC USE

Combined therapeutic effects of an immunomodulator, PSK, and chemotherapy with carboquone on rat bladder carcinoma. Mickey DD. **Cancer Chemother Pharmacol** 1985;15(1):54-8

A randomized trial of chemoimmunotherapy of acute nonlymphocytic leukemia in adults using a protein-bound polysaccharide preparation. Ohno R, et al. **Cancer Immunol Immunother** 1984;18(3):149-54

Depression of macrophage functions and T-cell-mediated immunity to listeria infection in tumor-bearing mice and its prevention by PSK. Tsuru S, et al. **Cancer Immunol Immunother** 1984;18(3):160-3

Krestin (PSK). Tsukagoshi S, et al. **Cancer Treat Rev** 1984 Jun;11(2):131-55 (132 ref.)

Therapeutic effects of PS-K and busulfan on the recurrent and metastatic diseases after the surgical removal of 3-methylcholanthrene-induced autochthonous tumors in C57BL/6 mice. Hosokawa M, et al. **Gann** 1985 Jan; 76(1):61-7

[Effects of PS-K as adjuvant therapy for primary lung cancer—an autopsy case] Okazaki A, et al. **Gan No Rinsho** 1984 Oct;30(13):1707-12 (Eng. Abstr.) **(Jpn)**

[A cooperative study of alternating immunochemotherapy with futraful and PSK (second report)—3-year survival rate] Ichihashi H, et al. **Gan To Kagaku Ryoho** 1985 Feb; 12(2):331-6 (Eng. Abstr.) **(Jpn)**

[Depression of protective mechanisms against ectromelia virus infection in tumor-bearing mice and its prevention by PSK] Taniguchi M, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 2):2760-5 (Eng. Abstr.) **(Jpn)**

[Immunochemotherapy of human gliomas transplanted into nude mice] Hori T, et al. **No To Shinkei** 1984 Sep; 36(9):881-8 (Eng. Abstr.) **(Jpn)**

PROTEOLIPIDS

see related
LIPOPROTEINS

Rotary dialysis: its application to the preparation of large liposomes and large proteoliposomes (protein-lipid vesicles) with high encapsulation efficiency and efficient reconstitution of membrane proteins. Gould-Fogerite S, et al. **Anal Biochem** 1985 Jul;148(1):15-25

Identification of membrane-embedded domains of lipophilin from human myelin. Kahan I, et al. **Biochemistry** 1985 Jan 15;24(2):538-44

Pressure-induced dissociation of aggregates of myelin proteolipid protein. Gow A, et al. **Biochim Biophys Acta** 1985 Apr 29;828(3):383-6

The use of carotenoids and oxonol VI as probes for membrane potential in proteoliposomes. van Walraven HS, et al. **FEBS Lett** 1985 May 6;184(1):96-9

Cyanine and safranine dyes as membrane potential probes in cytochrome c oxidase reconstituted proteoliposomes. Singh AP, et al. **J Biochem Biophys Methods** 1985 Aug; 11(2-3):95-108

Morphology of proteoliposomes reconstituted with purified lac carrier protein from Escherichia coli. Costello MJ, et al. **J Biol Chem** 1984 Dec 25;259(24):15579-86

Functional reconstitution of lens gap junction proteins into proteoliposomes. Nikaido H, et al. **J Membr Biol** 1985; 85(1):87-92

Dicyclohexylcarbodiimide-binding sites in the myelin proteolipid. Lin LF, et al. **Neurochem Res** 1984 Oct; 9(10):1515-22

Interaction between human myelin basic protein and lipophilin. Wood DD, et al. **Neurochem Res** 1984 Oct;

9(10):1523–31

[Structural data on the myelin proteolipid of apparent molecular weight 20 kDa (DM-20)] Trifilieff E, et al. **C R Acad Sci [III]** 1985;300(7):241–6 (Eng. Abstr.) **(Fre)**

ANALYSIS

An electrophoretic and immunochemical characterization of human surfactant-associated proteins. Phelps DS, et al. **Biochim Biophys Acta** 1984 Dec 7;791(2):226–38

Localization of pulmonary surfactant protein during mouse lung development. Jaskoll TF, et al. **Dev Biol** 1984 Nov; 106(1):256–61

Electroblot analysis of rat myelin proteolipid protein and basic protein during development. Macklin WB, et al. **Dev Neurosci** 1983–84;6(3):161–8

Identification of canine pulmonary surfactant-associated glycoprotein A precursors. Weaver TE, et al. **J Appl Physiol** 1985 Jun;58(6):2091–5

An immunologic probe for a defined region of the myelin proteolipid. Lin LF, et al. **J Biol Chem** 1985 Apr 10; 260(7):4371–7

Electrophoretic analysis of myelin proteolipid protein and its deacylated form. Bizzozero OA, et al. **J Neurochem** 1985 Oct;45(4):1228–31

Characterization of myelin fractions from human brain white matter. Cruz TF, et al. **J Neurochem** 1985 May;44(5):1411–8

Characteristics of human surfactant-associated glycoproteins A. Whitsett JA, et al. **Pediatr Res** 1985 May;19(5):501–8

BIOSYNTHESIS

Synthesis of lung surfactant-associated glycoproteins by A549 cells: description of an in vitro model for human type II cell dysfunction. Balis JU, et al. **Exp Lung Res** 1984;6(3–4):197–213

Biosynthesis and in vitro translation of the major surfactant-associated protein from human lung. Floros J, et al. **J Biol Chem** 1985 Jan 10;260(1):495–500

In vitro synthesis of myelin proteolipid protein from rat brain using a total homogenate system. Bizzozero OA, et al. **Neurochem Res** 1984 Sep;9(9):1339–50

GENETICS

Circadian rhythms in Neurospora crassa: the effects of point mutations on the proteolipid portion of the mitochondrial ATP synthetase. Brody S, et al. **MGG** 1985;200(1):155–61

IMMUNOLOGY

Immunologically related multimeric forms of 30–40 kDa peptides associated with lung surfactant in various mammalian species. Shelley SA, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):50–6

ISOLATION & PURIFICATION

Characterization of the extracellular bactericidal factors of rat alveolar lining material. Coonrod JD, et al. **J Clin Invest** 1984 Oct;74(4):1269–79

Isolation and purification of myelin proteolipid protein using high speed gel filtration in sodium dodecyl sulfate. Trotter JL, et al. **Neurochem Res** 1985 Jun;10(6):865–9

[Method of extracting brain proteolipids] Zabelinskiĭ SA, et al. **Zh Evol Biokhim Fiziol** 1984 Nov–Dec;20(6):570–5 (Eng. Abstr.) **(Rus)**

METABOLISM

Mechanisms of transport and assembly of myelin proteins. Bizzozero OA, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(2):111–22

Effects of detergents and cytochrome c binding on scalar and vectorial proton ejection by proteoliposomes containing cytochrome oxidase. Nicholls P, et al. **Biochem J** 1985 May 15;228(1):201–10

Monoclonal antibodies against the lac carrier protein from Escherichia coli. 2. Binding studies with membrane vesicles and proteoliposomes reconstituted with purified lac carrier protein. Herzlinger D, et al. **Biochemistry** 1984 Jul 31; 23(16):3688–93

Reconstitution of (Na+ + K+)-ATPase proteoliposomes having the same turnover rate as the membranous enzyme. Yoda A, et al. **Biochim Biophys Acta** 1984 Dec 5; 778(2):332–40

Lipid specificity for the reconstitution of well-coupled ATPase proteoliposomes and a new method for lipid isolation from photosynthetic membranes. Van Walraven HS, et al. **Eur J Biochem** 1984 Nov 2;144(3):563–9

Proton movements and electric potential generation in reconstituted ATPase proteoliposomes from the thermophilic cyanobacterium Synechococcus 6716. Van Walraven HS, et al. **Eur J Biochem** 1984 Nov 2; 144(3):555–61

Transmembrane orientation of reaction centers in proteoliposomes from Rhodopseudomonas sphaeroides. Iba K, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1823–30

Interactions involving the cyanine dye, diS-C3-(5), cytochrome c and liposomes and their implications for estimations of delta psi in cytochrome c oxidase-reconstituted proteoliposomes. Singh AP, et al. **J Membr Biol** 1985;84(2):183–90

Reconstitution of carrier-mediated choline transport in proteoliposomes prepared from presynaptic membranes of Torpedo electric organ, and its internal and external ionic requirements. Vyas S, et al. **J Membr Biol** 1985;85(2):111–9

Intracellular translocation of myelin proteolipid protein. Konat G, et al. **J Neurochem** 1985 May;44(5):1500–10

Isolation and characterization of an RNA-proteolipid complex associated with the malignant state in humans. Wieczorek AJ, et al. **Proc Natl Acad Sci USA** 1985 May; 82(10):3455–9

Microbial hydroxyapatite formation as a model of proteolipid-dependent membrane-mediated calcification. Boyan BD, et al. **Scan Electron Microsc** 1984;(Pt 4):1793–800

PHYSIOLOGY

The 35 kDa DCCD-binding protein from pig heart mitochondria is the mitochondrial porin. De Pinto V, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):230–42

Proteolipid and human aorta calcification, in vitro. Ennever J, et al. **Cytobios** 1984;41(162):105–11

PROTEOLYTIC ENZYMES see PEPTIDE HYDROLASES

PROTESTANTISM see CHRISTIANITY

PROTEUS

CLASSIFICATION

Characterization of endemic Providencia stuartii isolates from patients with urinary devices. Hollick GE, et al. **Eur J Clin Microbiol** 1984 Dec;3(6):521–5

Proteus infections with reference to proteocine typing. Sharma S, et al. **Indian J Med Res** 1984 Aug;80:154–8

[Evaluation of the Dienes phenomenon in Proteus typing] Plotkowski MC, et al. **Rev Latinoam Microbiol** 1985 Jan–Mar;27(1):49–53 (Eng. Abstr.) **(Por)**

[Taxonomic significance of the lipopolysaccharide fatty acid composition of bacteria in the genus Proteus] Cherniavskaia EN, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Sep–Oct; (5):784–90 (Eng. Abstr.) **(Rus)**

[Method for rapid identification of Proteus morganii] Sivolodskiĭ EP. **Lab Delo** 1984;(11):674–6 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Susceptibilities of 45 clinical isolates of Proteus penneri. Fuksa M, et al. **Antimicrob Agents Chemother** 1984 Sep; 26(3):419–20

Species differences in susceptibilities of Proteeae spp. to six cephalosporins and three aminoglycosides. Penner JL, et al. **Antimicrob Agents Chemother** 1982 Aug;22(2):218–21

Comparative in-vitro activity of quinolone carboxylic acids against Proteeae. Hawkey PM, et al. **J Antimicrob Chemother** 1984 Nov;14(5):485–9

R-plasmid mediated drug resistance to Proteus species. Gupta A, et al. **J Commun Dis** 1984 Dec;16(4):311–6

ENZYMOLOGY

Role of protein subunits in Proteus rettgeri penicillin G acylase. Daumy GO, et al. **J Bacteriol** 1985 Sep; 163(3):1279–81

Experimental evolution of penicillin G acylases from Escherichia coli and Proteus rettgeri. Daumy GO, et al. **J Bacteriol** 1985 Sep;163(3):925–32

Purification and properties of a pyridoxal 5'-phosphate-dependent histidine decarboxylase from Morganella morganii AM-15. Tanase S, et al. **J Biol Chem** 1985 Jun 10;260(11):6738–46

GENETICS

Cloning and characterization of recA genes froM Proteus vulgaris, Erwinia carotovora, Shigella flexneri, and Escherichia coli B/r. Keener SL, et al. **J Bacteriol** 1984 Oct;160(1):153–60

Evolution of an R plasmid from a cryptic plasmid by transposition of two copies of Tn1 in Providencia stuartii. Hawkey PM, et al. **J Gen Microbiol** 1985 Apr;131 (Pt 4):927–33

Cryptic plasmids in hospital isolates of Providencia stuarti. Hawkey PM, et al. **J Med Microbiol** 1984 Oct;18(2):277–84

R plasmid-borne transferable multiple antibiotic resistance in a clinical isolate of Proteus sp in Peninsular Malaysia. Koh CL, et al. **Singapore Med J** 1984 Oct;25(5):300–3

GROWTH & DEVELOPMENT

The development of a formulation for radiation-sterilizable urea broth. Eisenberg E, et al. **J Appl Bacteriol** 1985 Jan; 58(1):21–5

ISOLATION & PURIFICATION

The spot indole test for identification of swarming Proteus. Bale MJ, et al. **Am J Clin Pathol** 1985 Jan;83(1):87–90

Providencia stuartii: a search for its natural habitat. Stickler DJ, et al. **J Hosp Infect** 1985 Jun;6(2):221–3

[Clinical characteristics of L-form bacteremic septicemia. Report of 5 cases] Pan LM. **Chung Hua Nei Ko Tsa Chih** 1985 Jan;24(1):25–6, 62–3 (Eng. Abstr.) **(Chi)**

[Indicator importance of the bacterial genus Proteus in assessing the hygienic status of food products] Enikova R. **Vopr Pitan** 1985 Jan–Feb;(1):8–14 (47 ref.) **(Rus)**

[Characteristics of bacteria in the genus Proteus isolated from patients with sporadic and group intestinal diseases] Apollonin AV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):14–9 (Eng. Abstr.) **(Rus)**

METABOLISM

[Toxic activity of the cellular structures of Proteus morganii] Hoštacká A, et al. **Cesk Epidemiol Mikrobiol Imunol** 1984 Jul;33(4):193–7 (Eng. Abstr.) **(Slo)**

PROTEUS INFECTIONS

[Coralliform calculi and recurrent urinary infection: a case of newberyite calculi (MgHPO4.3H2O)] Uebelhart D, et al. **Schweiz Med Wochenschr** 1984 Nov 24;114(47):1689–94 (Eng. Abstr.) **(Fre)**

[Non-tuberculous abscess of the psoas muscle] Ponz González M, et al. **Arch Esp Urol** 1984 Sep–Oct;37(5):446–8 (Eng. Abstr.) **(Spa)**

COMPLICATIONS

Hemorrhagic bullae associated with Morganella morganii septicemia. Bagel J, et al. **J Am Acad Dermatol** 1985 Mar; 12(3):575–6

A newly designed model for infection-induced bladder stone formation in the rat. Satoh M, et al. **J Urol** 1984 Dec; 132(6):1247–9

Pneumatocele formation in a patient with Proteus mirabilis pneumonia. Lysy J, et al. **Postgrad Med J** 1985 Mar; 61(713):255–7

[Otogenic intracranial complications—an ever-present problem] Janczewski G, et al. **Otolaryngol Pol** 1985; 39(1):7–18 (Eng. Abstr.) **(Pol)**

[Muscle hypotonia in urinary tract infection and hyperphosphaturia in infants] Bittner K, et al. **Pediatr Pol** 1985 Feb;60(2):133–42 **(Pol)**

[Problem of infection-related urinary calculi and the effectiveness of its treatment in children] Golabek B. **Pediatr Pol** 1985 Feb;60(2):127–32 (Eng. Abstr.) **(Pol)**

DIAGNOSIS

Yellow nail syndrome. Pavlidakey GP, et al. **J Am Acad Dermatol** 1984 Sep;11(3):509–12

Neonatal proteus mirabilis meningitis and cerebral abscess: diagnosis by real-time ultrasound. Gray PH, et al. **JCU** 1984 Sep;12(7):441–3

[Proteus septicemias. Apropos of 4 cases] Leniaud P, et al. **Med Trop (Mars)** 1984 Apr–Jun;44(2):137–42 (Eng. Abstr.) **(Fre)**

[Clinical significance of urinary tract infection caused by Providencia stuartii] Rabe F, et al. **Z Urol Nephrol** 1984 Jul;77(7):421–4 (Eng. Abstr.) **(Ger)**

[Serological diagnosis and immunological aspects of Proteus infection. V. Design and trial of polyvalent antigenic preparations] Bidnenko SI, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):49–53 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Cellular energetics and ATP-MgCl2 therapy in sepsis. Chaudry IH. **Am J Emerg Med** 1984 Jan;2(1):38–44

Gram-negative folliculitis. Follow-up observations in 20 patients. Blankenship ML. **Arch Dermatol** 1984 Oct; 120(10):1301–3

Ceftizoxime treatment of cutaneous and subcutaneous tissue infections. Parish LC, et al. **Clin Ther** 1984;6(5):613–9

Endotoxemia induced by antibiotic therapy: a mechanism for adrenal corticosteroid protection in gram-negative sepsis. Johnston CA, et al. **Trans Assoc Am Physicians** 1984; 97:172–81

[Palin in the treatment of refractory urinary tract infections after suprapubic surgery of prostatic adenoma] Musierowicz A, et al. **Wiad Lek** 1984 Oct 15;37(20):1593–7 (Eng. Abstr.) **(Pol)**

ETIOLOGY

[Post-cannulation purulent thrombophlebitis of the inferior vena cava: preoperative diagnosis using CT and successful surgical treatment] Suchý T, et al. **Rozhl Chir** 1984 Dec; 63(12):856–60 (Eng. Abstr.) **(Cze)**

IMMUNOLOGY

Aminophylline-induced suppression of pulmonary antibacterial defenses. Nelson S, et al. **Am Rev Respir Dis** 1985 Jun;131(6):923–7

MICROBIOLOGY

Characterization of endemic Providencia stuartii isolates from patients with urinary devices. Hollick GE, et al. **Eur J Clin Microbiol** 1984 Dec;3(6):521–5

[Urinary tract infections: bacteriological aspects of recurrent cystitis] Fontana G, et al. **G Batteriol Virol Immunol** 1984 Jan–Jun;77(1–6):33–44 (66 ref.) (Eng. Abstr.) **(Ita)**

PATHOLOGY

Primary psoas abscess three years after ipsilateral nephrectomy. Knobel B, et al. **Infection** 1985 Jan–Feb;

13(1):27–8

Lens implant cyto-pathology in postoperative Proteus panophthalmitis. Wolter JR, et al. **Ophthalmic Surg** 1984 Aug;15(8):661–5

PREVENTION & CONTROL

Applicability of biosuppressin as an urease-inhibitor. Jávor A, et al. **Int Urol Nephrol** 1984;16(3):191–4

SURGERY

On percutaneous drainage of retroperitoneal collections: when is primary surgical drainage preferable? Laor E, et al. **Urology** 1985 Aug;26(2):114–6

THERAPY

[Low-frequency ultrasonic cavitation in suppurative surgical diseases] Ismaĭlov AA, et al. **Vestn Khir** 1985 Feb; 134(2):146–9 (39 ref.) **(Rus)**

[Active and passive immune therapy of surgical Proteus infection] Kreĭnin LS. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May;(5):19–25 (49 ref.) **(Rus)**

VETERINARY

Unusual nasal foreign body in a dog. Fallon RK, et al. **J Am Vet Med Assoc** 1985 Apr 1;186(7):710

PROTEUS MIRABILIS

ANALYSIS

[Total protein amino acid composition of bacterial and stable L forms of Proteus mirabilis D52] Ivanova E, et al. **Acta Microbiol Bulg** 1984;15:24–30 (Eng. Abstr.) **(Bul)**

[Detection of lipopeptide complexes in lipid fractions of Proteus mirabilis] Bondarenko BN. **Mikrobiologiia** 1985 Jan–Feb;54(1):121–7 (Eng. Abstr.) **(Rus)**

[Detection of bacteriocin production by Proteus mirabilis. Proposal for a new protocol for bacteriocin typing] Rubio Peiró A, et al. **Rev Latinoam Microbiol** 1984 Oct–Dec; 26(4):299–303 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Unstable L-form of Proteus mirabilis induced by fosfomycin. Schmid EN. **Chemotherapy** 1985;31(4):286–91

Transmissible drug resistance in Proteus mirabilis. Rao RS, et al. **Indian J Pathol Microbiol** 1984 Jan;27(1):37–42

Studies on heavy-metal resistance in clinical isolates of Proteus mirabilis. Nakahara H, et al. **Nippon Eiseigaku Zasshi** 1984 Dec;39(5):812–8

[Sensitivity of Proteus mirabilis to drugs in the presence of human blood serum] Frolov AF, et al. **Antibiot Med Biotekhnol** 1985 Mar;30(3):221–5 (Eng. Abstr.) **(Rus)**

[Mechanism of action of ectericide on opportunistic microbes] Dikiĭ IL, et al. **Antibiotiki** 1984 Jul;29(7):510–2 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Characterization and spectral properties of Proteus mirabilis PR catalase. Jouve HM, et al. **Can J Biochem Cell Biol** 1984 Oct;62(10):935–44

Purification and properties of gamma-glutamyltranspeptidase from Proteus mirabilis. Nakayama R, et al. **J Bacteriol** 1984 Oct;160(1):341–6

gamma-Glutamyltranspeptidase from Proteus mirabilis: localization and activation by phospholipids. Nakayama R, et al. **J Bacteriol** 1984 Dec;160(3):1031–6

[Isolation and purification of restriction endonuclease PmiI from Proteus mirabilis 1667] Bakh NL, et al. **Antibiot Med Biotekhnol** 1985 May;30(5):342–4 (Eng. Abstr.) **(Rus)**

GENETICS

Expression of Klebsiella pneumoniae nif genes in Proteus mirabilis. Postgate JR, et al. **Arch Microbiol** 1985 Aug; 142(3):289–94

Drug resistance gene amplification of plasmid NR1 derivatives with various amounts of resistance determinant DNA. Peterson BC, et al. **J Bacteriol** 1985 Mar; 161(3):1042–8

Anomalous expression of the E. coli lac operon in Proteus mirabilis. II. Effects of lacI and lacP mutations. Baumberg S, et al. **MGG** 1984;198(1):166–71

Anomalous expression of the E. coli lac operon in Proteus mirabilis. I. Effects of L8 and L8 UV5. Roberts M, et al. **MGG** 1984;198(1):159–65

IMMUNOLOGY

Antibodies to proteus in rheumatoid arthritis. Ebringer A, et al. **Lancet** 1985 Aug 10;2(8450):305–7

[Serological diagnosis and immunological aspects of Proteus infection. V. Design and trial of polyvalent antigenic preparations] Bidnenko SI, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):49–53 (Eng. Abstr.) **(Rus)**

[Obtaining antisera to Pseudomonas aeruginosa and Proteus antigens for performing immunoenzyme analyses in clinical practice] Bulava GV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jan;(1):51–5 (Eng. Abstr.) **(Rus)**

METABOLISM

In vitro synthesis of peptidoglycan by spheroplasts of Proteus mirabilis grown in the presence of penicillin. Martin HH. **Arch Microbiol** 1984 Nov;139(4):371–5

Siderophore production by Proteus mirabilis. Evanylo LP, et al. **Can J Microbiol** 1984 Aug;30(8):1046–51

The effect of temperature on the synthesis and assembly of proticine 3 particles by Proteus mirabilis. Senior BW. **J Gen Microbiol** 1984 Oct;130 (Pt 10):2699–708

Isolation of labeled lipoprotein from Escherichia coli and Proteus mirabilis after incubation with [14C]penicillin. Gruner G, et al. **Z Naturforsch** [C] 1985 May–Jun; 40(5–6):415–20

PATHOGENICITY

An in vitro ultrastructural study of infectious kidney stone genesis. McLean RJ, et al. **Infect Immun** 1985 Sep; 49(3):805–11

Uropathogenic properties of Proteus mirabilis and Proteus vulgaris. Peerbooms PG, et al. **J Med Microbiol** 1985 Feb; 19(1):55–60

PHYSIOLOGY

Polymorphonuclear leukocyte chemotaxis by mixed anaerobic and aerobic bacteria. Namavar F, et al. **J Med Microbiol** 1984 Oct;18(2):167–72

PROTEUS VULGARIS

DRUG EFFECTS

The pleiotropic properties of a beta-lactam antibiotic-hypersensitive mutant derived from Proteus vulgaris IFO 3167. Hamakado T, et al. **Microbiol Immunol** 1985;29(1):81–4

GENETICS

[Physical and genetic organization of the plasmid R15] Dobritsa AP, et al. **Genetika** 1985 May;21(5):748–55 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

[Serological diagnosis and immunological aspects of Proteus infection. V. Design and trial of polyvalent antigenic preparations] Bidnenko SI, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):49–53 (Eng. Abstr.) **(Rus)**

METABOLISM

Dimethylsulphoxide and trimethylamine oxide respiration of Proteus vulgaris. Evidence for a common terminal reductase system. Styrvold OB, et al. **Arch Microbiol** 1984 Nov;140(1):74–8

PATHOGENICITY

Uropathogenic properties of Proteus mirabilis and Proteus vulgaris. Peerbooms PG, et al. **J Med Microbiol** 1985 Feb; 19(1):55–60

PROTHIONAMIDE see under **ISONICOTINIC ACIDS**

PROTHROMBIN

Calcium-dependent changes in properties of human prothrombin: a study using high-performance size-exclusion chromatography and gel-permeation chromatography. Tarvers RC. **Arch Biochem Biophys** 1985 Sep;241(2):639–48

ANALOGS & DERIVATIVES

Monoclonal antibodies against human abnormal (des-gamma-carboxy)prothrombin specific for the calcium-free conformer of prothrombin. Owens J, et al. **J Biol Chem** 1984 Nov 25;259(22):13800–5

ANALYSIS

Factor IX and prothrombin in amniotic fluid and fetal plasma: constraints on prenatal diagnosis of hemophilia B and evidence of proteolysis. Thompson AR. **Blood** 1984 Oct; 64(4):867–74

Protein C antigen in prothrombin complex concentrates: content, recovery and half life. Riess H, et al. **Blut** 1985 May;50(5):303–6

Evaluation of an automated prothrombin assay using a chromogenic substrate. Conkie JA, et al. **Haemostasis** 1984; 14(4):307–11

Vitamin K deficiency in the newborn [letter] **Lancet** 1985 Sep 28;2(8457):728–9

Precursor prothrombin status in patients receiving anticonvulsant drugs. Davies VA, et al. **Lancet** 1985 Jan 19;1(8421):126–8

Precursor prothrombin status in two mother-infant pairs following gestational anticonvulsant therapy. Argent AC, et al. **Pediatr Pharmacol (New York)** 1984;4(3):183–7

Detection of vitamin K deficiency by use of an enzyme-linked immunosorbent assay for circulating abnormal prothrombin. Motohara K, et al. **Pediatr Res** 1985 Apr;19(4):354–7

An alternative extrinsic coagulation pathway and oral anticoagulant treatment. Cassetti M, et al. **Quad Sclavo Diagn** 1984 Mar;20(1):105–9

Prealbumin, prekallikrein and prothrombin in hepatosplenic schistosomiasis: increased turnover of the clotting proteins? Manoukian N, et al. **Rev Inst Med Trop Sao Paulo** 1984 Sep–Oct;26(5):237–40

Abnormal prothrombin in the vitamin K-deficient rat. Shah DV, et al. **Thromb Res** 1984 Aug 15;35(4):451–8

[Plasma PIVKA-II levels in various liver diseases--with special reference to plasma PIVKA-II as a marker of hepatocellular carcinoma] Fujiyama S, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):135 **(Jpn)**

BIOSYNTHESIS

Impaired factor X and prothrombin activation associated with decreased phospholipid exposure in platelets from a patient with a bleeding disorder. Rosing J, et al. **Blood** 1985 Jun;65(6):1557–61

Effect of cyclosporine A on procoagulant activity in mononuclear blood cells and monocytes in vitro. Carlsen E, et al. **Clin Exp Immunol** 1985 May;60(2):407–16

BLOOD

Evidence for independent pathways for the induction of platelet prothrombin-converting activity by thrombin and collagen. Blajchman MA, et al. **Thromb Res** 1984 Sep 15; 35(6):719–24

GENETICS

Immunological screening of standard cDNA libraries in pBR322 vectors: detection of human fibrinogen and prothrombin cDNA clones. Plaisancié H, et al. **Anal Biochem** 1984 Nov 1;142(2):271–6

IMMUNOLOGY

Acquired hypoprothrombinemia due to non-neutralizing antibodies to prothrombin: mechanism and management. Bajaj SP, et al. **Blood** 1985 Jun;65(6):1538–43

Abnormal prothrombin crossed-immunoelectrophoresis in patients with lupus inhibitors. Edson JR, et al. **Blood** 1984 Oct;64(4):807–16

Monoclonal antibodies against human abnormal (des-gamma-carboxy)prothrombin specific for the calcium-free conformer of prothrombin. Owens J, et al. **J Biol Chem** 1984 Nov 25;259(22):13800–5

Congenital dysprothrombinemia. Shirakami A, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec;47(8):1697–704

Prothrombin evaluation as obtained by kinetics studies of antigen-antibody reaction in a laser nephelometer. Girolami A, et al. **Thromb Haemost** 1984 Aug 31;52(1):15–8

[Detection of autoantibodies to blood coagulation factors by the passive hemagglutination reaction and by an immunoenzyme (ELISA) method] Tsybikov NN, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):467–9 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Purification and properties of a prothrombin activator from the venom of Notechis scutatus scutatus. Tans G, et al. **J Biol Chem** 1985 Aug 5;260(16):9366–72

The structure of prothrombin fragment 1 at 3.5-A resolution. Tulinsky A, et al. **J Biol Chem** 1985 Sep 5;260(19):10771–8

The isolation of prothrombin, Factor IX and Factor X from human Factor IX concentrates. Modi GJ, et al. **Thromb Res** 1984 Dec 15;36(6):537–47

METABOLISM

Effect of divalent cations on the limited proteolysis of prothrombin by thrombin. Church FC, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):607–12

Membrane insertion of prothrombin. Lecompte MF, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):381–6

Kinetic studies of prothrombin activation: effect of factor Va and phospholipids on the formation of the enzyme-substrate complex. van Rijn JL, et al. **Biochemistry** 1984 Sep 25;23(20):4557–64

The role of activated human platelets in prothrombin and factor X activation. Rosing J, et al. **Blood** 1985 Feb; 65(2):319–32

Synthesis and turnover of prothrombin during experimental inflammation in rats. Koj A, et al. **Br J Exp Pathol** 1984 Dec;65(6):691–700

Prothrombin converting-and fibrinolytic effects of ecarin. Kornalík F. **Czech Med** 1985;8(1):51–4

The inhibition of platelet prothrombinase activity by prostacyclin. Zwaal RF, et al. **Haemostasis** 1984; 14(4):320–4

Origin of a fluorescence increase accompanying the limited proteolysis of fluorescein-labeled human prothrombin by Factor Xa. Morrison SA. **Int J Pept Protein Res** 1984 Oct; 24(4):377–85

Staphylocoagulase-binding region in human prothrombin. Kawabata S, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):325–31

Metal and phospholipid binding properties of partially carboxylated human prothrombin variants. Borowski M, et al. **J Biol Chem** 1985 Aug 5;260(16):9258–64

Modification of histidines in human prothrombin. Effect on the interaction of fibrinogen with thrombin from diethyl pyrocarbonate-modified prothrombin. Church FC, et al. **J Biol Chem** 1985 Apr 25;260(8):4936–40

Loss of prothrombin and of factor Xa–factor Va interactions upon inactivation of factor Va by activated protein C. Guinto ER, et al. **J Biol Chem** 1984 Nov 25; 259(22):13986–92

The adsorption of prothrombin to phospholipid monolayers quantitated by ellipsometry. Kop JM, et al. **J Biol Chem** 1984 Nov 25;259(22):13993–8

The kinetics of activation of normal and gamma-carboxyglutamic acid-deficient prothrombins. Malhotra OP, et al. **J Biol Chem** 1985 Jan 10;260(1):279–87

Tb3+ binding to bovine prothrombin and bovine prothrombin fragment 1. Sommerville LE, et al. **J Biol Chem** 1985 Sep 5;260(19):10444–52

Prothrombin fragment 1–membrane interactions: a calcium-43 NMR study. Bouhoutsos-Brown E, et al. **J Inorg Biochem** 1984 Aug;21(4):337–43

Bayesian pharmacokinetic/pharmacodynamic forecasting of prothrombin response to warfarin therapy: preliminary evaluation. Svec JM, et al. **Ther Drug Monit** 1985; 7(2):174–80

'In vivo' catabolism of prothrombin molecule—parallel decrease of coagulant, antigenic and staphylo-coagulase activities [letter] de Pina-Cabral JM. **Thromb Haemost** 1985 Feb 18;53(1):162

A kinetic model describing the interaction of bovine prothrombin fragment 1 with calcium ions. Kabis CW, et al. **Thromb Haemost** 1985 Feb 18;53(1):19–23

In vivo consumption of prothrombin during clot formation: an 'all or none' phenomenon. Aronson DL. **Thromb Res** 1985 Mar 15;37(6):693–5

Apparent intrinsic prothrombinase activity of human Factor X zymogen: identification with Factor VIII inhibitor bypassing activity (FEIBA). Estry DW, et al. **Thromb Res** 1984 Dec 15;36(6):549–62

The effects of bovine prothrombin fragment 1 and fragment 1.2 on prothrombin activation. Govers-Riemslag JW, et al. **Thromb Res** 1985 May 15;38(4):375–88

[Fibrin degradation products and prothrombin activity in cerebral hemorrhage] Szirmai I, et al. **Nervenarzt** 1985 Jun; 56(6):316–22 **(Ger)**

PHARMACODYNAMICS

The effects of bovine prothrombin fragment 1 and fragment 1.2 on prothrombin activation. Govers-Riemslag JW, et al. **Thromb Res** 1985 May 15;38(4):375–88

PHYSIOLOGY

Coagulopoietin activity in rat plasma: influence of degree of hypoprothrombinemia and reproducibility of the response. Shah DV, et al. **Thromb Res** 1985 Jul 1;39(1):43–7

[Effect of prethrombin I and prostaglandin E2 on thrombin-stimulated aggregation of rat platelets] Strukova SM, et al. **Vopr Med Khim** 1985 May–Jun;31(3):99–103 (Eng. Abstr.) **(Rus)**

URINE

Quantitation of prothrombin activation products in human urine. Bezeaud A, et al. **Br J Haematol** 1984 Dec; 58(4):597–606

PROTHROMBIN TIME

ICSH/ICTH recommendations for reporting prothrombin time in oral anticoagulant control. Loeliger EA. **Acta Haematol (Basel)** 1984;72(6):405–7

Duplicate coagulation assays warranted [letter] Cornelison GS, et al. **Am J Clin Pathol** 1985 Aug;84(2):261–2

Inhibition of cold-promoted activation of the prothrombin time studies of new siliconized borosilicate collection tubes in normals and patients receiving warfarin. Palmer RN, et al. **Am J Clin Pathol** 1985 Apr;83(4):492–4

Proficiency testing and standardization of prothrombin time: effect of thromboplastin, instrumentation, and plasma. van den Besselaar AM, et al. **Am J Clin Pathol** 1984 Dec; 82(6):688–99

Therapeutic range for the control of oral anticoagulant therapy [editorial] Hirsch J. **Arch Intern Med** 1985 Jul; 145(7):1187–8

Standardization of the prothrombin time—finally [editorial] Koepke JA, et al. **Arch Pathol Lab Med** 1985 Sep; 109(9):800–1

Falsely prolonged prothrombin time due to an inhibitor to human thromboplastin [letter] Nour-Eldin F. **Br J Haematol** 1985 Mar;59(3):558–9

Falsely prolonged prothrombin time due to an inhibitor to human thromboplastin. Tinegate HN, et al. **Br J Haematol** 1984 Oct;58(2):347–52

Possible interactions between warfarin and antineoplastic drugs [letter] Seifter EJ, et al. **Cancer Treat Rep** 1985 Feb; 69(2):244–5

A clinical evaluation of automated chromogenic tests as substitutes for conventional prothrombin time and activated partial thromboplastin time tests. Duncan A, et al. **Clin Chem** 1985 Jun;31(6):853–5

ICSH/ICTH recommendations for reporting prothrombin time in oral anticoagulant control. **Clin Chim Acta** 1985 Mar 15;146(2–3):229H–233H

The lack of effect of tertiary butylhydroquinone on prothrombin time in male rats. Krasavage WJ. **Drug Chem Toxicol** 1984;7(4):329–34

ICSH/ICTH recommendations for reporting prothrombin time in oral anticoagulant control. International Committee for Standardization in Haematology and International Committee on Thrombosis and Haemostasis. **J Clin Pathol** 1985 Feb;38(2):133–4

Reliability and clinical impact of the normalization of the prothrombin times in oral anticoagulant control. Loeliger EA, et al. **Thromb Haemost** 1985 Feb 18;53(1):148–54

[Evaluation of a new chromogenic method for measuring prothrombin time in the control of oral anticoagulant therapy] Colla G, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2025–31 (Eng. Abstr.) **(Ita)**

[Laboratory control of the effect of anti-vitamins K on blood coagulation] Langer B, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jan–Feb;39(1):12–7 (Eng. Abstr.) **(Por)**

[Comparison between the dilution curves of prothrombin time and activated partial thromboplastin time for the control of the effect of anti-vitamin K] Langer B, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jan–Feb; 39(1):18–22 (Eng. Abstr.) **(Por)**

[Study of thrombus resistance of materials using the prothrombin consumption test] Uglov FG, et al. **Vestn Khir** 1984 Sep;133(9):3–5 (Eng. Abstr.) **(Rus)**

[The ratio of prothrombin time multiplied by 100 divided by the gamma globulin level in the prognosis of liver cirrhosis] González Reimers E, et al. **Rev Esp Enferm Apar Dig** 1984 Nov;66(5):458–9 **(Spa)**

[Recommendations of the ICSH/ICTH for expressing prothrombin time in the control of the temperature with oral anticoagulants] **Sangre (Barc)** 1984;29(6):1057–8 **(Spa)**

[Severe factor V deficiency—an unusual cause of spontaneous prolonged APT-time] Bratt G, et al. **Lakartidningen** 1984 Nov 14;81(46):4303–4 **(Swe)**

STANDARDS

ICSH/ICTH recommendations for reporting prothrombin time in oral anticoagulant control. International Committee for Standardization in Haematology/International Committee on Thrombosis and Haemostasis. **Blut** 1985 Mar;50(3):185–7

International Committee for Standardization in Haematology/International Committee on Thrombosis and Haemostasis: ICSH/ICTH recommendations for reporting prothrombin time in oral anticoagulant control. **Scand J Haematol** 1984 Oct;33(4):397–8

International Committee for Standardization in Haematology, International Committee on Thrombosis and Haemostasis: ICSH/ICTH recommendations for reporting prothrombin time in oral anticoagulant control. **Thromb Haemost** 1985 Feb 18;53(1):155–6

[Standardization of Quick's time] Capel P, et al. **Rev Med Brux** 1985 Jun;6(6):393–6 (Eng. Abstr.) **(Fre)**

PROTO-ONCOGENES see **ONCOGENES**

PROTOCATECHUATE-3,4-DIOXYGENASE see under **OXYGENASES**

PROTOCHLOROPHYLLIDE see under **CHLOROPHYLL**

PROTOCOLLAGEN see **PROCOLLAGEN**

PROTOCOLLAGEN PROLYL HYDROXYLASE see **PROLINE HYDROXYLASE**

PROTOHEME see **HEME**

PROTONS

Coupled Na+-H+ exchange in isolated acinar cells from rat exocrine pancreas. Hellmessen W, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):G125–36

Voltammetric evaluation of the effective acidities (pKa') for Brønsted acids in aprotic solvents. Barrette WC Jr, et al. **Anal Chem** 1984 Sep;56(11):1890–8

Disposition of polar and nonpolar residues on outer surfaces of transmembrane helical segments of proteins involved in proton translocation. Senior AE. **Arch Biochem Biophys** 1984 Oct;234(1):138–43

H+ stoichiometry of sites 1 + 2 of the respiratory chain of normal and tumor mitochondria. Villalobo A, et al. **Arch Biochem Biophys** 1984 Sep;233(2):417–27

Base protonation facilitates B-Z interconversions of poly(dG-dC) X poly(dG-dC). Chen FM. **Biochemistry** 1984 Dec 4;23(25):6159–65

Kinetic analysis of protonation of a specific site on a buffered surface of a macromolecular body. Gutman M, et al. **Biochemistry** 1985 Jun 4;24(12):2941–6

Effect of buffer on kinetics of proton equilibration with a protonable group. Gutman M, et al. **Biochemistry** 1985 Jun 4;24(12):2937–41

Kinetics and pH-dependence of glycine-proton symport in Saccharomyces cerevisiae. Ballarin-Denti A, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):1–16

Proton-induced membrane fusion. Role of phospholipid composition and protein-mediated intermembrane contact. Bondeson J, et al. **Biochim Biophys Acta** 1984 Oct 17; 777(1):21–7

Homeostasis of the protonmotive force in phosphorylating mitochondria. Duszyński J, et al. **Biochim Biophys Acta** 1984 Dec 18;767(3):540–7

Hypothesis. Cytochrome c oxidase as a proton pump. A transition-state mechanism. Malmström BG. **Biochim Biophys Acta** 1985 Apr 8;811(1):1–12

Intracellular pH distribution and transmembrane pH profile of yeast cells. Slavík J, et al. **Biochim Biophys Acta** 1984 Sep 27;766(3):679–84

Quantum-mechanical descriptions of proton transfer in biosystems containing hydrogen-bonded chains. Tomchuk PM, et al. **Biochim Biophys Acta** 1985 May 31;807(3):272–7

Trans/13-cis isomerization is essential for both the photocycle and proton pumping of bacteriorhodopsin. Chang CH, et al. **Biophys J** 1985 Apr;47(4):509–12

Body water, sodium, potassium and hydrogen ions: some basic facts and concepts. Morgan DB. **Clin Endocrinol Metab** 1984 Jul;13(2):233–47

The proton inventory technique. Venkatasubban KS, et al. **CRC Crit Rev Biochem** 1984;17(1):1–44 (66 ref.)

The role of the Na+/H+ exchange system in the regulation of the internal pH in cultured cardiac cells. Frelin C, et al. **Eur J Biochem** 1985 May 15;149(1):1–4

Sugar specificity and sugar-proton interaction for the hexose-proton-symport system of Chlorella. Komor E, et al. **Eur J Biochem** 1985 Feb 1;146(3):649–56

Proton movements and electric potential generation in reconstituted ATPase proteoliposomes from the thermophilic cyanobacterium Synechococcus 6716. Van Walraven HS, et al. **Eur J Biochem** 1984 Nov 2; 144(3):555–61

The apparent non-linearity of the relationship between the rate of respiration and the protonmotive force of mitochondria can be explained by heterogeneity of mitochondrial preparations. Duszyński J, et al. **FEBS Lett** 1985 Mar 25;182(2):243–8

The H+/O ratio of proton translocation linked to the oxidation of succinate by mitochondria. Krab K, et al. **FEBS Lett** 1984 Dec 10;178(2):187–92

Effect of papain digestion on redox-linked proton translocation in b-c1 complex from beef heart reconstituted into liposomes. Lorusso M, et al. **FEBS Lett** 1985 Mar 25; 182(2):370–4

Chemiosmotic coupling in cytochrome oxidase. Possible protonmotive O loop and O cycle mechanisms. Mitchell P, et al. **FEBS Lett** 1985 Aug 19;188(1):1–7 (45 ref.)

The phosphate potential maintained by mitochondria in State 4 is proportional to the proton-motive force. Woelders H, et al. **FEBS Lett** 1985 Jan 7;179(2):278–82

Structure-function relationships in H+-secreting epithelia. Madsen KM, et al. **Fed Proc** 1985 Aug;44(11):2704–9 (37 ref.)

Effects of cyclic adenosine monophosphate and prostaglandins on Na+- and HCO3–-induced dissipation of a proton gradient in isolated gastric mucosal surface cells of rabbits. Furukawa T, et al. **Gastroenterology** 1985 Sep;89(3):500–6

Electrogenic proton pump in Nitella and the effect of calcium. Vuletić M, et al. **Gen Physiol Biophys** 1985 Apr; 4(2):195–200

Proton circulation in Vibrio costicola. Hamaide F, et al. **J Bacteriol** 1985 Feb;161(2):681–6

Generation of a large, protonophore-sensitive proton motive force and pH difference in the acidophilic bacteria Thermoplasma acidophilum and Bacillus acidocaldarius. Michels M, et al. **J Bacteriol** 1985 Jan;161(1):231–7

Proton translocation coupled to nitrite reduction in anaerobically grown Escherichia coli. Sawada MT, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):205–11

Correlation between membrane-localized protons and flash-driven ATP formation in chloroplast thylakoids. Dilley RA, et al. **J Bioenerg Biomembr** 1984 Jun; 16(3):173–93

Nonequilibration of membrane-associated protons with the internal aqueous space in dark-maintained chloroplast thylakoids. Laszlo JA, et al. **J Bioenerg Biomembr** 1984 Feb;16(1):37–51

Relationship of urinary and blood carbon dioxide tension during hypercapnia in the rat. Its significance in the evaluation of collecting duct hydrogen ion secretion. Batlle DC, et al. **J Clin Invest** 1985 May;75(5):1517–30

Carbon dioxide causes exocytosis of vesicles containing H+ pumps in isolated perfused proximal and collecting tubules. Schwartz GJ, et al. **J Clin Invest** 1985 May;75(5):1638–44

Volume-responsive sodium and proton movements in dog red blood cells. Parker JC, et al. **J Gen Physiol** 1984 Sep; 84(3):379–401

Molecular properties of reconstituted cytochrome c oxidase: new evidence supports vectorial proton translocation. Azzi A, et al. **J Inorg Biochem** 1985 Mar–Apr;23(3–4):341–7

The stoichiometry of H+ pumping in cytochrome oxidase and the mechanism of uncoupling. Azzone GF, et al. **J Inorg Biochem** 1985 Mar–Apr;23(3–4):349–56

Functional equivalence of monomeric (shark) and dimeric (bovine) cytochrome c oxidase. Bickar D, et al. **J Inorg Biochem** 1985 Mar–Apr;23(3–4):365–72

Stopped-flow studies of cytochrome oxidase reconstituted into liposomes: proton pumping and control of activity. Brunori M, et al. **J Inorg Biochem** 1985 Mar–Apr; 23(3–4):373–9

Action of DCCD on the H+/O stoichiometry of mitoplast cytochrome c oxidase. Lehninger AL, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):335-40

Characteristics and nature of redox-linked proton transfer reactions in cytochrome c oxidase of mitochondria. Papa S, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):317-25 (42 ref.)

Cytochrome c oxidase depleted of subunit III: proton-pumping, respiratory control, and pH dependence of the midpoint potential of cytochrome a. Thompson DA, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):357-64

What is the essential proton-translocating molecular machinery in cytochrome oxidase? Wikström M, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):327-34 (28 ref.)

Dehydration and delayed proton equilibria of red blood cells suspended in isosmotic phosphate buffers. Implications for studies of sickled cells. Bookchin RM, et al. **J Lab Clin Med** 1984 Dec;104(6):855-66

Proton/hydroxide conductance through lipid bilayer membranes. Gutknecht J. **J Membr Biol** 1984;82(1):105-12

The kinetic mechanism by which CCCP (carbonyl cyanide m-chlorophenylhydrazone) transports protons across membranes. Kasianowicz J, et al. **J Membr Biol** 1984; 82(2):179-90

Amide proton exchange used to monitor the formation of a stable alpha-helix by residues 3 to 13 during folding of ribonuclease S. Brems DN, et al. **J Mol Biol** 1984 Dec 25;180(4):1141-56

Proton exchange and base-pair kinetics of poly(rA).poly(rU) and poly(rI).poly(rC). Leroy JL, et al. **J Mol Biol** 1985 Jul 5;184(1):165-78

Calibration of the angular dependence of the amide proton-C alpha proton coupling constants, 3JHN alpha, in a globular protein. Use of 3JHN alpha for identification of helical secondary structure. Pardi A, et al. **J Mol Biol** 1984 Dec 15;180(3):741-51

Polypeptide secondary structure determination by nuclear magnetic resonance observation of short proton-proton distances. Wüthrich K, et al. **J Mol Biol** 1984 Dec 15; 180(3):715-40

Differential effects of acetazolamide, benzolamide and systemic acidosis on hydrogen and bicarbonate gradients across the apical and basolateral membranes of the choroid plexus. Johanson CE. **J Pharmacol Exp Ther** 1984 Dec; 231(3):502-11

Identification of membrane transport processes in renal cells, by means of liquid ion exchanger microelectrodes. Anagnostopoulos T. **J Physiol (Paris)** 1984;79(6):401-5

The catalytic mechanism of serine proteases II: The effect of the protein environment in the alpha-chymotrypsin proton relay system. Longo E, et al. **J Theor Biol** 1985 Feb 21;112(4):783-98

Local energized proton hypotheses of mitochondrial oxidative phosphorylation. Malpress FH. **J Theor Biol** 1984 Aug 21;109(4):523-32

H+ transport by the aldosterone-deficient rat distal nephron. Kornandakieti C, et al. **Kidney Int** 1984 Apr;25(4):629-35

Current results of proton beam irradiation of uveal melanomas. Gragoudas ES, et al. **Ophthalmology** 1985 Feb; 92(2):284-91

Mechanism of hydrogen ion transport in the diluting segment of frog kidney. Oberleithner H, et al. **Pflugers Arch** 1984 Nov;402(3):272-80

Inhibition of epidermal growth factor-induced mitogenesis by amiloride and an analog: evidence against a requirement for Na+/H+ exchange. Besterman JM, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6762-6

A correlation between proton pumping and the bacteriorhodopsin photocycle. Li Q, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7079-82

Kinetics of redox-linked proton pumping activity of native and subunit III-depleted cytochrome c oxidase: a stopped-flow investigation. Sarti P, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4876-80

Evidence for conduction of protons along the interface between water and a polar lipid monolayer. Teissié J, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3217-21

Membrane-bound inorganic pyrophosphatase. Baltscheffsky M, et al. **Prog Clin Biol Res** 1984;164:199-207

Localized protons in photosynthesis of green plants? Junge W, et al. **Prog Clin Biol Res** 1984;164:139-48

Elements of proton pump models. Nagle JF, et al. **Prog Clin Biol Res** 1984;164:103-11

Flow and interactions of protons in the H+-ATPase of mitochondria. Papa S, et al. **Prog Clin Biol Res** 1984; 164:187-97

Seventeen-year mortality experience of proton radiation in Macaca mulatta. Yochmowitz MG, et al. **Radiat Res** 1985 Apr;102(1):14-34

Proton uptake by light induced interaction between rhodopsin and G-protein. Schleicher A, et al. **Z Naturforsch** [C] 1985 May-Jun;40(5-6):400-5

[Symposium: Heavy particles in radiotherapy] **Radiol Med (Torino)** 1984 Apr;70(4 Suppl 1):127-37 **(Ita)**

[Cellular responses and the H+ pump in the vacuolar system] Ohkuma S. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):653-9 (Eng. Abstr.) **(Jpn)**

[Relative biological effectiveness of the therapeutic proton beams at NIRS and Tsukuba University] Ando K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Mar 25; 45(3):531-5 (Eng. Abstr.) **(Jpn)**

[Proton pump of vacuolar system] Ohkuma S. **Seikagaku** 1984 Dec;56(12):1499-509 (91 ref.) **(Jpn)**

[The structure and expression of chloroplast H+-ATPase (CF0CF1) genes] Deno H, et al. **Tanpakushitsu Kakusan Koso** 1984 Aug;29(8):622-34 (55 ref.) **(Jpn)**

[H+-ATPase--its genetic studies] Futai M, et al. **Tanpakushitsu Kakusan Koso** 1984 Aug;29(8):635-60 (200 ref.) **(Jpn)**

[Regulatory mechanism of mitochondrial H+-ATPase (F0F1)--inhibition of H+-ATPase activity by the intrinsic ATPase inhibitor] Hashimoto T, et al. **Tanpakushitsu Kakusan Koso** 1984 Aug;29(8):610-21 (67 ref.) **(Jpn)**

[Mechanism of action of H+-ATPase(F0F1)] Yoshida M, et al. **Tanpakushitsu Kakusan Koso** 1984 Aug;29(8):601-9 (63 ref.) **(Jpn)**

[ATP-dependent proton translocation across the synaptic vesicle membrane in the brain of rats] Mel'nik VI, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):35-8 (Eng. Abstr.) **(Rus)**

[Cooperative killing of yeast cells by ozone-induced dissipation of the transmembrane proton gradient] Konev SV, et al. **Dokl Akad Nauk SSSR** 1985;281(2):454-7 **(Rus)**

[Dependence of the protonophore and channel-forming capacity of gossypol on the pH] Krasil'nikov OV, et al. **Dokl Akad Nauk SSSR** 1985;281(5):1245-7 **(Rus)**

[Cytogenetic effect of gamma quanta and secondary radiation generated by 70 GeV protons on Chinese hamster fibroblasts] Akhmadieva AKh, et al. **Radiobiologiia** 1985 May-Jun;25(3):375-8 (Eng. Abstr.) **(Rus)**

[DNA damage and repair in Chinese hamster fibroblasts exposed to gamma and secondary radiation generated by 70 GeV protons] Akhmadieva AKh, et al. **Radiobiologiia** 1985 May-Jun;25(3):378-80 (Eng. Abstr.) **(Rus)**

[Coupling of insulin-stimulated ATP formation by preparations of plasma membrane-enriched particles with proton transport across the plasma membranes of target cells] Karelin AA, et al. **Vopr Med Khim** 1985 Mar-Apr; 31(2):111-7 (Eng. Abstr.) **(Rus)**

[Dynamics of the bioelectrical activity of the brain in patients with intrasellar pituitary adenomas irradiated with a proton beam] Dubikaltis IuV, et al. **Zh Nevropatol Psikhiatr** 1985; 85(3):372-5 (Eng. Abstr.) **(Rus)**

PROTOPLASTS

Use of protoplasts and separate cells in plant virus research. Sander E, et al. **Adv Virus Res** 1984;29:215-62 (197 ref.)

Optimisation of conditions for infection of isolated potato protoplasts with potato virus X. Prakash J, et al. **Arch Virol** 1985;85(3-4):269-79

Transformation and fusion of Streptococcus faecalis protoplasts. Smith MD. **J Bacteriol** 1985 Apr;162(1):92-7

Further studies on protoplast fusion and interspecific hybridization within the Aspergillus nidulans group. Kevei F, et al. **J Gen Microbiol** 1984 Sep;130 (Pt 9):2229-36

Efficient transfer of cloned DNA into human diploid cells: protoplast fusion in suspension. Litzkas P, et al. **Mol Cell Biol** 1984 Nov;4(11):2549-52

Production and regeneration of protoplasts from Cryptococcus. Rhodes JC, et al. **Sabouraudia** 1985 Feb; 23(1):77-80

ANALYSIS

Specificities in the phospholipid and fatty acid composition of the stable protoplast type L-form of Escherichia coli B. Gumpert J, et al. **Acta Microbiol Bulg** 1984;15:17-23

Protoplast water content of bacterial spores determined by buoyant density sedimentation. Lindsay JA, et al. **J Bacteriol** 1985 Aug;163(2):735-7

DRUG EFFECTS

Papulacandin B: inhibitor of biogenesis of (1——3)-beta-D-glucan fibrillar component of the cell wall of Saccharomyces cerevisiae protoplasts. Kopecká M. **Folia Microbiol (Praha)** 1984;29(6):441-9

[Optical density changes in bacterial protoplast suspensions exposed to membrane-active antibiotics] Bulgakova VG, et al. **Antibiotiki** 1984 Oct;29(10):756-60 (Eng. Abstr.) **(Rus)**

METABOLISM

A batch assay using Calcofluor fluorescence to characterize cell wall regeneration in plant protoplasts. Meadows MG. **Anal Biochem** 1984 Aug 15;141(1):38-42

Transfer of liposome-encapsulated plasmid DNA to Bacillus subtilis protoplasts and calcium-treated Escherichia coli cells. Holubová I, et al. **Folia Microbiol (Praha)** 1985; 30(2):97-100

Absence of glucose-stimulated transport in yeast protoplasts. Kotyk A, et al. **Folia Microbiol (Praha)** 1985;30(2):110-6

Ion channels in plasmalemma of wheat protoplasts. Moran N, et al. **Science** 1984 Nov 16;226(4676):835-8

Binding of transforming DNA to protoplasts isolated from competent Bacillus subtilis. Ballester S, et al. **Zentralbl Mikrobiol** 1985;140(1):73-82

MICROBIOLOGY

RNA and capsid accumulation in cowpea protoplasts that are resistant to cowpea mosaic virus strain SB. Kiefer MC, et al. **Virology** 1984 Sep;137(2):371-81

Replication of peanut stunt virus and its associated RNA 5 in cowpea protoplasts. Linthorst HJ, et al. **Virology** 1984 Dec;139(2):317-29

PHYSIOLOGY

Granulocytes without degranulation: neutrophil function in granule-depleted neutroplasts. Korchak HM, et al. **Trans Assoc Am Physicians** 1983;96:356-64

[Regeneration of Nocardia orientalis protoplasts] Trenin AS, et al. **Antibiotiki** 1984 Jul;29(7):495-500 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Subcellular fractionation of actively growing protoplasts of Saccharomyces cerevisiae. Martínez JP, et al. **Biochim Biophys Acta** 1984 Sep 14;805(1):59-71

A method for isolation of protoplasts from dermatophytes. Srikantha T, et al. **J Gen Microbiol** 1984 Jun;130 (Pt 6):1503-6

[Isolation and regeneration of Micromonospora olivoasterospora protoplasts] Trenin AS, et al. **Antibiotiki** 1984 Aug;29(8):572-5 (Eng. Abstr.) **(Rus)**

PROTOPORPHYRINS see under **PORPHYRINS**

PROTOTHECA

Cutaneous protothecosis presenting as recurrent chromomycosis. McAnally T, et al. **Arch Dermatol** 1985 Aug;121(8):1066-9

Disseminated protothecosis in a dog. Gaunt SD, et al. **J Am Vet Med Assoc** 1984 Oct 15;185(8):906-7

Unsuccessful treatment of disseminated protothecosis in a dog. Moore FM, et al. **J Am Vet Med Assoc** 1985 Apr 1;186(7):705-8

Altered immune function in a dog with disseminated protothecosis. Rakich PM, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):681-3

Protothecosis. Heitzman HB, et al. **South Med J** 1984 Nov; 77(11):1477-8

ENZYMOLOGY

Investigation of the beta-lactamase activity of Prototheca zopfii. Casal M, et al. **Ann Microbiol (Paris)** 1984 Nov-Dec; 135B(3):359-62

IMMUNOLOGY

Serologic survey of rotavirus, Norwalk agent and Prototheca wickerhamii in wastewater workers. Clark CS, et al. **Am J Public Health** 1985 Jan;75(1):83-5

ISOLATION & PURIFICATION

Prototheca associated with banana. Pore RS. **Mycopathologia** 1985 Jun;90(3):187-9

Bovine mastitis caused by Prototheca zopfii: a case study. Spalton DE. **Vet Rec** 1985 Mar 30;116(13):347-9

PROTOVERATRINES see under **VERATRUM ALKALOIDS**

PROTOZOA

Prevalence of gastrointestinal parasitism in Oklahoma swine. Morris RG, et al. **Am J Vet Res** 1984 Nov;45(11):2421-3

Abstracts: thirty-seventh annual meeting of the Society of Protozoologists. Athens, Georgia, 19-24 August 1984. **J Protozool** 1984 Nov;31(4):1A-91A

[Results of parasitological fecal studies of horses, dogs, cats and hedgehogs from 1974 to 1983] Bauer C, et al. **DTW** 1984 Jul 24;91(7-8):255-8 (Eng. Abstr.) **(Ger)**

[Microflora and microfauna of the habitat of Biomphalaria glabrata (Say, 1818)] de Lyra LT, et al. **Rev Bras Malariol Doencas Trop** 1983;35:37-56 (Eng. Abstr.) **(Por)**

CLASSIFICATION

Blastocystis hominis infection presenting as recurrent diarrhea. Vannatta JB, et al. **Ann Intern Med** 1985 Apr; 102(4):495-6

The kingdom Protista and its 45 phyla. Corliss JO. **Biosystems** 1984;17(2):87-126 (380 ref.)

Protozoan nomina dubia: to arbitrarily restrict or replace. The case of Sarcocystis spp. Frenkel JK, et al. **J Parasitol** 1984 Oct;70(5):813-5

Myxosporean infections in cultured tilapias in Israel. Landsberg JH. **J Protozool** 1985 Feb;32(1):194-201

[Classification, phylogeny and creation of the phylum Ciliophora Doflein, 1901] Madrazo-Garibay M, et al. **Rev Latinoam Microbiol** 1985 Jan-Mar;27(1):35-43 (Eng. Abstr.) **(Spa)**

CYTOLOGY

Cellular and clonal aging in the suctorian protozoan Tokophrya infusionum. Karakashian SJ, et al. **Mech Ageing Dev** 1984 Aug;26(2-3):217-29

DRUG EFFECTS

[Experimental study of parasiticide properties of indazole: Protozoa and Helminths] E[illegible]nger J. **Ann Pharm Fr** 1984; 42(5):443–50 (Eng. Abstr.) **(Fre)**

[Protozoacidal effect of chlorpromazine] Ockert G. **Angew Parasitol** 1984 Aug;25(3):163–7 **(Ger)**

GENETICS

Diverged genetic codes in protozoans and a bacterium [news] Fox TD. **Nature** 1985 **Mar** 14–20;314(6007):132–3

GROWTH & DEVELOPMENT

Intestinal microbial flora after feeding phytohemagglutinin lectins (Phaseolus vulgaris) to rats. Banwell JG, et al. **Appl Environ Microbiol** 1985 Jul;50(1):68–80

Occurrence of a new microsporidan: Enterocytozoon bieneusi n.g., n. sp., in the enterocytes of a human patient with AIDS. Desportes I, et al. **J Protozool** 1985 May; 32(2):250–4

IMMUNOLOGY

Monoclonal antibodies against microorganisms. Polin RA. **Eur J Clin Microbiol** 1984 Oct;3(5):387–98 (199 ref.)

Antiprotozoan activity of nonspecific cytotoxic cells (NCC) from the channel catfish (Ictalurus punctatus). Graves SS, et al. **J Immunol** 1985 Jan;134(1):78–85

ISOLATION & PURIFICATION

A survey of gastrointestinal parasites in a local government area of south-west Nigeria. Adeyeba OA, et al. **Int J Zoonoses** 1984 Jun;11(1):105–10

The prevalence of gastro-intestinal parasites and bacteria in the game scouts at the Kainji Lake National Park of Nigeria. Ogunji FO, et al. **Int J Zoonoses** 1984 Jun; 11(1):119–22

Comparison of the FeKal CON-Trate system with the formalin-ethyl acetate technique for detection of intestinal parasites. Long EG, et al. **J Clin Microbiol** 1985 Aug; 22(2):210–1

Three-year prospective study of intestinal pathogens in Madrid, Spain. Velasco AC, et al. **J Clin Microbiol** 1984 Aug;20(2):290–2

Blood parasites of amphibians from Algonquin Park, Ontario. Barta JR, et al. **J Wildl Dis** 1984 Jul;20(3):180–9

Blood and gastrointestinal parasites of eastern wild turkeys from Kentucky and Tennessee. Castle MD, et al. **J Wildl Dis** 1984 Jul;20(3):190–6

Hematozoa from montane forest birds in Papua New Guinea. Jones HI. **J Wildl Dis** 1985 Jan;21(1):7–10

Hematozoa of raptors from southern New Jersey and adjacent areas. Kirkpatrick CE, et al. **J Wildl Dis** 1985 Jan;21(1):1–6

[An improved method for the diagnosis of whirling disease (Myxosoma cerebralis, Hofer 1903) in rainbow trout] Hermanns W, et al. **Berl Munch Tierarztl Wochenschr** 1985 Apr 1;98(4):126–9 (Eng. Abstr.) **(Ger)**

METABOLISM

[Cytochemical characteristics of the myxosporidian Henneguya cerebralis (Myxosporidia, Myxobolidae) and pathohistological changes in the Kosogol grayling in myxosporidiasis] Pronina SV, et al. **Parazitologiia** 1985 Mar–Apr;19(2):139–46 (Eng. Abstr.) **(Rus)**

PATHOGENICITY

Transmission of Cytauxzoon felis Kier, 1979 from bobcats, Felis rufus (Schreber), to domestic cats by Dermacentor variabilis (Say). Blouin EF, et al. **J Wildl Dis** 1984 Jul; 20(3):241–2

PHYSIOLOGY

Role and function of protozoa in the biological treatment of polluted waters. Sudo R, et al. **Adv Biochem Eng Biotechnol** 1984;29:117–41 (31 ref.)

Physiology of circadian rhythms in micro-organisms. Edmunds LN Jr. **Adv Microb Physiol** 1984;25:61–148, 301–3 (340 ref.)

Factors stimulating migration of holotrich protozoa into the rumen. Murphy MR, et al. **Appl Environ Microbiol** 1985 May;49(5):1329–31

Effect of defaunating the rumen on growth and carcass composition of lambs. van Nevel CJ, et al. **Arch Tierernahr** 1985 May;35(5):331–7

Further studies on the effects of the presence or absence of protozoa in the rumen on live-weight gain and wool growth of sheep. Bird SH, et al. **Br J Nutr** 1984 Nov; 52(3):607–11

Surface transport properties of reticulopodia: do intracellular and extracellular motility share a common mechanism? Bowser SS, et al. **Cell Biol Int Rep** 1984 Dec;8(12):1051–63

Evidence against surf-riding as a general mechanism for surface motility. Bowser SS, et al. **Cell Motil** 1984; 4(5):305–14

Cytochemistry of the chromatin replication band in hypotrichous ciliated protozoa staining with silver and thiol-specific coumarin maleimide. Allen RL, et al. **Chromosoma** 1984;91(1):82–6

Phagocytized intracellular microsporidian blocks phagosome acidification and phagosome-lysosome fusion. Weidner E, et al. **J Protozool** 1985 May;32(2):311–7

Mechanisms of survival of protozoan parasites in mononuclear phagocytes. Mauel J. **Parasitology** 1984 Aug; 88 (Pt 4):579–92 (60 ref.)

Experimental transmission of a microsporidian pathogen from mosquitoes to an alternate copepod host. Andreadis TG. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5574–7

ULTRASTRUCTURE

Resorption of microtubules and nucleus during the encystation process in Echinosphaerium nucleofilum. Shigenaka Y, et al. **Cytobios** 1984;41(162):113–26

PKX, the causative agent of proliferative kidney disease (PKD) in Pacific salmonid fishes and its affinities with the Myxozoa. Kent ML, et al. **J Protozool** 1985 May; 32(2):254–60

Elleipsisoma thomsoni Franca, 1912: an Apicomplexan parasite in the red blood cells of the mole (Talpa europaea). Mohamed HA, et al. **Parasitology** 1984 Dec;89 (Pt 3):407–15

PROTOZOAN ANTIGENS see **ANTIGENS, PROTOZOAN**

PROTOZOAN INFECTIONS

Mechanisms of resistance to the intracellular protozoan Encephalitozoon cuniculi in mice. Schmidt EC, et al. **J Immunol** 1984 Nov;133(5):2712–9

[Colpitis: pathogenesis, classification and diagnosis (I)] Letuchikh AA. **Akush Ginekol (Mosk)** 1985 Feb;(2):61–6 **(Rus)**

COMPLICATIONS

Acute infectious disease presenting as acute renal failure. Mactier RA, et al. **Scott Med J** 1984 Apr;29(2):96–100

DIAGNOSIS

Immunodiagnostic tests for protozoan and helminthic infections. Higashi GI. **Diagn Immunol** 1984;2(1):2–18 (165 ref.)

[Examination technics for diarrheal parasitic (protozoan and helminthic) infections] Nakabayashi T, et al. **Rinsho Byori** 1984 Jul;32(7):726–33 **(Jpn)**

[Use of monoclonal antibodies in parasitic studies] Golińska Z, et al. **Wiad Parazytol** 1984;30(5–6):673–93 (69 ref.) (Eng. Abstr.) **(Pol)**

DRUG THERAPY

Novel anti-malarial hydroxynaphthoquinones with potent broad spectrum anti-protozoal activity. Hudson AT, et al. **Parasitology** 1985 Feb;90 (Pt 1):45–55

[Chemotherapy of protozoal and helminthic diseases of the gastrointestinal system in Israel] El-On J, et al. **Harefuah** 1984 Nov 15;107(10):298–308 **(Heb)**

ETIOLOGY

Microsporidiosis myositis in a patient with the acquired immunodeficiency syndrome. Ledford DK, et al. **Ann Intern Med** 1985 May;102(5):628–30

Pneumocystis carinii in bone marrow [letter] Rossi JF, et al. **Ann Intern Med** 1985 Jun;102(6):868

[Diarrhea in tourists] Radbil' OS, et al. **Sov Med** 1985;(2):33–7 (34 ref.) **(Rus)**

IMMUNOLOGY

Mechanisms of resistance to the intracellular protozoan Encephalitozoon cuniculi in mice. Schmidt EC, et al. **J Immunol** 1984 Nov;133(5):2712–9

Enhanced pulmonary natural killer cell activity during murine encephalitozoonosis. Niederkorn JY. **J Parasitol** 1985 Feb;71(1):70–4

Towards the immunological control of human protozoal diseases. **Philos Trans R Soc Lond [Biol]** 1984 Nov 13; 307(1131):1–213

METABOLISM

[Changes in the electrolyte composition of the blood and muscles in carp infection with Ichthyophthirius multifiliis (Ciliata, Ophryoglenidae)] Limanskiĭ VV, et al. **Parazitologiia** 1984 Nov–Dec;18(6):479–81 (Eng. Abstr.) **(Rus)**

OCCURRENCE

Frequency, multiplicity and repertoire of intestinal protozoa in healthy homosexual men and in patients with gastrointestinal symptoms. Jokipii L, et al. **Ann Clin Res** 1985;17(2):57–9

Preliminary parasitological survey of intestinal parasites among inhabitants of Okrika Island in the Niger Delta. Arene FO. **J Infect** 1984 Nov;9(3):309–10

Antibody against Encephalitozoon cuniculi in Swedish homosexual men. Bergquist R, et al. **Scand J Infect Dis** 1984;16(4):389–91

[Oral protozoiasis] Sun CX. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar;20(2):112–4 **(Chi)**

[Report on intestinal parasitosis in adults in an urban population of the Central African Republic] Meunier DM, et al. **Bull Soc Pathol Exot Filiales** 1984 May–Jun; 77(3):333–43 (Eng. Abstr.) **(Fre)**

PARASITOLOGY

Afebrile diarrhea and Blastocystis hominis [letter] LeBar WD, et al. **Ann Intern Med** 1985 Aug;103(2):306

Cryptosporidium and the enteropathy of immune deficiency. Ma P. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):488–90

[Quantitative determination of cysts from patients with intestinal protozoan infections] Huang MY. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):274–5 **(Chi)**

PHYSIOPATHOLOGY

Blastocystis hominis infection presenting as recurrent diarrhea. Vannatta JB, et al. **Ann Intern Med** 1985 Apr; 102(4):495–6

TRANSMISSION

Intermediate host for an Amblyospora sp. (microspora) infecting the mosquito, Culex annulirostris. Sweeney AW, et al. **J Invertebr Pathol** 1985 Jul;46(1):98–102

VETERINARY

Susceptibility of cats, sheep, and swine to a rabbit isolate of Encephalitozoon cuniculi. Pang VF, et al. **Am J Vet Res** 1985 May;46(5):1071–7

Ultrastructure of schizonts in the liver of cats with experimentally induced cytauxzoonosis. Simpson CF, et al. **Am J Vet Res** 1985 Feb;46(2):384–90

Protozoal diseases of camels. Boid R, et al. **Br Vet J** 1985 Jan–Feb;141(1):87–105

Protozoal myeloencephalitis in horses in California. Dorr TE, et al. **J Am Vet Med Assoc** 1984 Oct 1;185(7):801–2

Encephalitozoonosis in a parrot. Poonacha KB, et al. **J Am Vet Med Assoc** 1985 Apr 1;186(7):700–2

Intestinal parasites of the free-ranging Cayo Santiago rhesus monkeys (Macaca mulatta). Kessler MJ, et al. **J Med Primatol** 1984;13(2):57–66

PKX, the causative agent of proliferative kidney disease (PKD) in Pacific salmonid fishes and its affinities with the Myxozoa. Kent ML, et al. **J Protozool** 1985 May; 32(2):254–60

Myxosporean infections in cultured tilapias in Israel. Landsberg JH. **J Protozool** 1985 Feb;32(1):194–201

Besnoitia darlingi (Apicomplexa, Sarcocystidae, Toxoplasmatinae): transmission between opossums and cats. Smith DD, et al. **J Protozool** 1984 Nov;31(4):584–7

First record of viral erythrocytic necrosis and Ceratomyxa shasta Noble, 1950 (Myxozoa: Myxosporea) in feral pink salmon (Oncorhynchus gorbuscha Walbaum). Bell GR, et al. **J Wildl Dis** 1985 Apr;21(2):169–71

Transmission of Cytauxzoon felis Kier, 1979 from bobcats, Felis rufus (Schreber), to domestic cats by Dermacentor variabilis (Say). Blouin EF, et al. **J Wildl Dis** 1984 Jul; 20(3):241–2

Histopathology of gill lesions in channel catfish associated with Henneguya. Bowser PR, et al. **J Wildl Dis** 1985 Apr; 21(2):177–9

Myositis and death in bobwhites, Colinus virginianus (L.), due to hemorrhagic cysts of a haemosporozoan of undetermined taxonomic status. Gardiner CH, et al. **J Wildl Dis** 1984 Oct;20(4):308–18

Hematologic and serum chemical values for free-ranging bobcats, Felis rufus (Schreber), with reference to animals with natural infections of Cytauxzoon felis Kier, 1979. Kocan AA, et al. **J Wildl Dis** 1985 Apr;21(2):190–2

Head tilt in rabbits caused by pasteurellosis and encephalitozoonosis. Kunstýř I, et al. **Lab Anim** 1985 Jul; 19(3):208–13

Comparison of tests for the diagnosis of spontaneous encephalitozoonosis in rabbits. Pakes SP, et al. **Lab Anim Sci** 1984 Aug;34(4):356–9

Serodiagnosis of bovine besnoitiosis by ELISA and immunofluorescence tests. Janitschke K, et al. **Onderstepoort J Vet Res** 1984 Dec;51(4):239–43

Enzyme linked immunosorbent assay for detection of antibodies against Besnoitia besnoiti in cattle. Shkap V, et al. **Trop Anim Health Prod** 1984 Nov;16(4):233–8

Specific antibodies to Besnoitia besnoiti precipitated from serum of cattle by live parasites and by soluble antigen. Shkap V, et al. **Vet Immunol Immunopathol** 1985 May; 9(1):53–7

The incidence of canine haematozoa in Peninsular Malaysia. Rajamanickam C, et al. **Vet Parasitol** 1985 Jan;17(2):151–7

Intra-axonal parasites in the fish Notropis cornutus (Mitchill). Ferguson HW, et al. **Vet Pathol** 1985 Mar;22(2):194–6

Encephalitozoonosis in squirrel monkeys (Saimiri sciureus). Zeman DH, et al. **Vet Pathol** 1985 Jan;22(1):24–31

Besnoitia sp. from goats in Kenya. Heydorn AO, et al. **Z Parasitenkd** 1984;70(6):709–13

Two types of globidium-cysts of goats. Mehlhorn H, et al. **Z Parasitenkd** 1984;70(6):731–7

Three new types of globidium of sheep: an in vivo and in vitro investigation. Sénaud J, et al. **Z Parasitenkd** 1984; 70(6):721–9

[Detection of Hexamita meleagridis in Bulgaria] Stoĭkov D. **Vet Med Nauki** 1985;22(4):44–50 (Eng. Abstr.) **(Bul)**

[An improved method for the diagnosis of whirling disease (Myxosoma cerebralis, Hofer 1903) in rainbow trout] Hermanns W, et al. **Berl Munch Tierarztl Wochenschr** 1985

Apr 1;98(4):126–9 (Eng. Abstr.) (Ger)

[Mitraspora cyprini Fujita, 1912 (Protozoa Myxosporea Bütschli, 1881) in the kidneys of carp from Lower Saxony pond farms] Körting W, et al. **Berl Munch Tierarztl Wochenschr** 1985 Feb 1;98(2):63–4 (Eng. Abstr.) (Ger)

[Myxosporidia infections of the kidney of carp (Cyprinus carpio L.) from Lower Saxony pond farms] Körting W, et al. **Berl Munch Tierarztl Wochenschr** 1984 Jul 1; 97(7):255–9 (Eng. Abstr.) (Ger)

[Cytochemical characteristics of the myxosporidian Henneguya cerebralis (Myxosporidia, Myxobolidae) and pathohistological changes in the Kosogol grayling in myxosporidiasis] Pronina SV, et al. **Parazitologiia** 1985 Mar–Apr;19(2):139–46 (Eng. Abstr.) (Rus)

PROTRIPTYLINE see under **DIBENZOCYCLOHEPTENES**

PROVENTRICULUS

Proventricular dilatation syndrome in large psittacine birds. Clark FD. **Avian Dis** 1984 Jul–Sep;28(3):813–5

What is your diagnosis? Intramural mass in the proventriculus. Levine BS. **J Am Vet Med Assoc** 1984 Oct 15;185(8):911–2

PATHOLOGY

Histopathological changes in the proventriculus of fowl given experimental monospecific infection with Acuaria spiralis. Ramaswamy K, et al. **Vet Parasitol** 1985 Apr;17(4):309–17

PROVERBS see **APHORISMS AND PROVERBS**

PROVIDENCIA see under **PROTEUS**

PROVOCATION TESTS, BRONCHIAL see **BRONCHIAL PROVOCATION TESTS**

PROVOCATION TESTS, NASAL see **NASAL PROVOCATION TESTS**

PROXEMICS see under **SPATIAL BEHAVIOR**

PROXIMAL RENAL TUBULAR DYSFUNCTION see **FANCONI SYNDROME**

PROZAMINE see **PROMETHAZINE**

PRUNE BELLY SYNDROME

COMPLICATIONS

Intrauterine closure of the ductus arteriosus in association with prune belly syndrome. Tada T, et al. **Hum Pathol** 1985 Sep;16(9):952–5

The concomitant presence of gastroschisis and prune belly syndrome in a twin. Short KL, et al. **J Pediatr Surg** 1985 Apr;20(2):186–7

DIAGNOSIS

Prenatal diagnosis of persistent common cloaca with prune belly and anencephaly in the second trimester. Holzgreve W. **Am J Med Genet** 1985 Apr;20(4):729–32

[The prune belly syndrome] Bundgaard N, et al. **Ugeskr Laeger** 1985 Jun 3;147(23):1857 (Eng. Abstr.) (Dan)

[Prune belly syndrome] Belohradsky BH, et al. **Ergeb Inn Med Kinderheilkd** 1984;52:157–205 (190 ref.) (Ger)

[Prune belly syndrome: description of a case] Ponticiello L, et al. **Pediatr Med Chir** 1984 May–Jun;6(3):463–6 (Eng. Abstr.) (Ita)

[A case of prune belly syndrome. Echographic and radiographic study] Rossi F, et al. **Radiol Med (Torino)** 1984 Jul–Aug;70(7–8):539–41 (Ita)

[Prune belly syndrome in a newborn infant] Slawek Z, et al. **Wiad Lek** 1984 Apr 15;37(8):644–7 (Eng. Abstr.) (Pol)

EMBRYOLOGY

Pathogenesis of prune-belly syndrome [letter] Barr M Jr, et al. **Pediatrics** 1984 Nov;74(5):899–900

FAMILIAL & GENETIC

Prune belly sequence associated with trisomy 13. Beckmann H, et al. **Am J Med Genet** 1984 Nov;19(3):603–4

[Prenatal diagnosis of prune belly syndrome occurring in siblings in 2 consecutive pregnancies] Feige A, et al. **Z Geburtshilfe Perinatol** 1984 Sep–Oct;188(5):239–43 (Eng. Abstr.) (Ger)

PATHOLOGY

Megalourethra. Mortensen PH, et al. **J Urol** 1985 Aug; 134(2):358–61

PHYSIOPATHOLOGY

Testicular and sexual function in adults with prune belly syndrome. Woodhouse CR, et al. **J Urol** 1985 Apr; 133(4):607–9

RADIOGRAPHY

[Prune belly syndrome] van den Berg H, et al. **Tijdschr Kindergeneeskd** 1985 Feb;53(1):34–8 (Eng. Abstr.) (Dut)

PRURIGO

DRUG THERAPY

Thalidomide treatment of prurigo nodularis. Winkelmann RK, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):412–7

ETIOLOGY

Prurigo nodularis associated with malabsorption. Suárez C, et al. **Dermatologica** 1984;169(4):211–4

Actinic prurigo—a specific photodermatosis? Addo HA, et al. **Photodermatol** 1984 Jun;1(3):119–28

PATHOLOGY

Prurigo pigmentosa affecting the forehead. Miyakawa S, et al. **Dermatologica** 1984;169(3):135–7

Prurigo pigmentosa. Case report with an electron microscopic observation. Shimizu H, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):165–9

SURGERY

Cryotherapy improves prurigo nodularis. Waldinger TP, et al. **Arch Dermatol** 1984 Dec;120(12):1598–600

PRURITUS

Paroxysmal pruritus. Its clinical characterization and a hypothesis of its pathogenesis. Arnold HL Jr. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):322–6

Prodromal itching in asthma [letter] **Lancet** 1984 Oct 6; 2(8406):822

Itch [editorial] Madden EJ. **Pain** 1985 Apr;21(4):313–4

BLOOD

Plasma bile salt levels in patients presenting with generalised pruritus: an improved indicator of occult liver disease. Lawrence CM, et al. **Ann Clin Biochem** 1985 May;22 (Pt 3):232–5

CHEMICALLY INDUCED

Placebo-controlled study of the efficacy of topical antihistaminics against histamine-induced pruritus. Milsmann E, et al. **Dermatologica** 1985;170(5):230–4

[Pruritus after spinal anesthesia with pethidine (letter)] Saissy JM. **Ann Fr Anesth Reanim** 1984;3(5):402 (Fre)

[Pruritus induced by chloroquine during the treatment of malaria (letter)] Caussade P. **Arch Fr Pediatr** 1984 Dec; 41(10):727 (Fre)

COMPLICATIONS

Prolonged pruritus and bullous pemphigoid. Bingham EA, et al. **Clin Exp Dermatol** 1984 Nov;9(6):564–70

Pruritus of pregnancy. Smith A, et al. **Cutis** 1984 Nov; 34(5):486–8

DIAGNOSIS

Generalised pruritus. Champion RH. **Br Med J [Clin Res]** 1984 Sep 22;289(6447):751–3

Pruritic urticarial papules and plaques of pregnancy. Hill JA. **J Med Assoc Ga** 1985 Jul;74(7):493–5

Pruritus: a 'coat of many colours'. Neville RG. **J R Coll Gen Pract** 1985 Jan;35(270):23–8

[Pruritic urticarial papules and plaques of pregnancy] Lindskov R, et al. **Ugeskr Laeger** 1985 Mar 25; 147(13):1122–3 (Eng. Abstr.) (Dan)

[Diagnostic algorithm of pruritus] Demin AA, et al. **Sov Med** 1984;(11):111–5 (Rus)

[Itching in the gluteal region as a symptom of malignancy?] Gisslén NG. **Lakartidningen** 1984 Nov 28;81(48):4541 (Swe)

DRUG THERAPY

Oxatomide in the treatment of pruritus senilis. A double-blind placebo-controlled trial. Dupont C, et al. **Dermatologica** 1984;169(6):348–53

Failure of mexiletine to relieve severe pruritus. Hägermark O, et al. **Dermatologica** 1984;169(4):188–90

Crotamiton lotion in pruritus. Smith EB, et al. **Int J Dermatol** 1984 Dec;23(10):684–5

Role of pantothenic acid in chloroquine induced skin toxicity. Bhasin V, et al. **J Indian Med Assoc** 1984 Dec;82(12):447–8

Treatment of therapy-resistant Sézary syndrome with Cyclosporin-A: suppression of pruritus, leukaemic T cell activation markers and tumour mass. Tötterman TH, et al. **Scand J Haematol** 1985 Feb;34(2):196–203

[Itching of the skin in myeloproliferative disease treated with cimetidine] Berild D, et al. **Ugeskr Laeger** 1985 Apr 22; 147(17):1403–4 (Eng. Abstr.) (Dan)

[Favorable effect of nicergoline on pruritus in chronic hemodialysis patients. Role of a hyper-alpha-adrenergic system? (letter)] Rivory JP, et al. **Presse Med** 1984 Dec 8;13(44):2703 (Fre)

[Treatment of uremic pruritus in patients undergoing periodic hemodialysis with photochemotherapy] Manjón García M, et al. **Med Clin (Barc)** 1984 Jun 23;83(4):151–4 (Eng. Abstr.) (Spa)

ETIOLOGY

Pruritus during standardized mental stress. Relationship to psychoneuroendocrine and metabolic parameters. Fjellner B, et al. **Acta Derm Venereol (Stockh)** 1985;65(3):199–205

Pseudouremic pruritus: a scabies epidemic in a dialysis unit. Lempert KD, et al. **Am J Kidney Dis** 1985 Feb;5(2):117–9

Severe reactions during hemodialysis. Rault R, et al. **Am J Kidney Dis** 1985 Feb;5(2):128–31

Pruritus after spinal anaesthesia [letter] Pither C. **Anaesthesia** 1984 Oct;39(10):1029–30

Generalized pruritus as a presentation of idiopathic haemochromatosis [letter] Hamilton DV, et al. **Br J Dermatol** 1985 May;112(5):629

The prevalence of water-induced itching [letter] Logan RA, et al. **Br J Dermatol** 1984 Dec;111(6):734–6

Itch in psoriasis. Grattan CE. **Bristol Med Chir J** 1985 Apr; 100(374):36, 42

Pruritus and mast cell proliferation of the skin in end stage renal failure. Matsumoto M, et al. **Clin Nephrol** 1985 Jun; 23(6):285–8

Generalized pruritus as a presenting symptom of phenytoin-induced Hodgkin's disease. Rubinstein N, et al. **Int J Dermatol** 1985 Jan–Feb;24(1):54–5

Aquagenic pruritus. Steinman HK, et al. **J Am Acad Dermatol** 1985 Jul;13(1):91–6

Pruritus and hyperplacentosis. Goodlin RC, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):36S–38S

[Pruriginous eruptions in pregnancy] Pierard GE, et al. **Rev Med Liege** 1984 Nov 1;39(21):757–60 (Fre)

[Aquagenic pruritus] Haustein UF. **Dermatol Monatsschr** 1984;170(10):654–6 (Ger)

[Aquagenic pruritus sine materia (letter)] Lubach D. **Hautarzt** 1984 Nov;35(11):600–1 (Ger)

[Intestinal leiomyosarcoma with pruritus, lymphopenia and antibody deficiency] Dührsen U, et al. **Internist (Berlin)** 1984 Dec;25(12):756–9 (Ger)

[Food allergy in patients with pruritic dermatoses] Kashirskii IuM. **Vopr Pitan** 1984 Jul–Aug;(4):17–20 (Eng. Abstr.) (Rus)

IMMUNOLOGY

Pruritus and atopy in Asians [letter] Greenwood R, et al. **Clin Exp Dermatol** 1985 Mar;10(2):179–81

OCCURRENCE

Outbreak of itching and rash. Epidemic hysteria in an elementary school. Robinson P, et al. **Arch Intern Med** 1984 Oct;144(10):1959–62

PATHOLOGY

Pruritic urticarial papules and plaques of pregnancy (PUPPP) report of 2 cases. Linasmita V, et al. **J Med Assoc Thai** 1984 Nov;67(11):624–8

PHYSIOPATHOLOGY

Pruritus, cutaneous pain, and eccrine gland and sweating disorders. Tuckett RP, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 2):1000–6 (33 ref.)

THERAPY

The influence of mechanical vibratory stimulation and transcutaneous electrical nerve stimulation on experimental pruritus induced by histamine. Ekblom A, et al. **Acta Physiol Scand** 1984 Nov;122(3):361–7

Uremic pruritus: skin divalent ion content and response to ultraviolet phototherapy. Blachley JD, et al. **Am J Kidney Dis** 1985 May;5(5):237–41

[Treatment of pruritus and polyneuropathy in patients with chronic renal failure by intermittent plasmapheresis] Vorob'ev PA, et al. **Ter Arkh** 1984;56(11):91–4 (Eng. Abstr.) (Rus)

VETERINARY

A disease resembling sweet itch in Hong Kong. Baker KP, et al. **Equine Vet J** 1984 Sep;16(5):467–8

PRURITUS ANI

DIAGNOSIS

Pruritus ani: could it be malignant? Powell FC, et al. **Geriatrics** 1985 Jan;40(1):89–91

[Current trends in the diagnosis and therapy of anal pruritus. Review of 238 cases] Pecorella G, et al. **Minerva Med** 1985 Jun 16;76(25):1221–6 (Eng. Abstr.) (Ita)

ETIOLOGY

Pruritis ani. Burton CS, et al. **NC Med J** 1985 Jan;46(1):35

SURGERY

[Surgical treatment of pruritus ani] Wieczorek Z, et al. **Pol Tyg Lek** 1984 Apr 23;39(17):581–2 (Eng. Abstr.) (Pol

THERAPY

Pruritus ani. What to do, what not to do to control this infernal itch. Alexander-Williams J. **Postgrad Med** 1985 Jan;77(1):56–9, 62, 65

PRURITUS VULVAE

DIAGNOSIS

Vulvodynia versus pruritus vulvae. McKay M. **Clin Obstet Gynecol** 1985 Mar;28(1):123–33

ETIOLOGY

Pruritus vulvae, sex and printer's ink [letter] Adno J. **S Afr Med J** 1985 Mar 30;67(13):486

[Pruritus vulvae] Faure M. **Rev Fr Gynecol Obstet** 1985 Jul; 80(7):509–12 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Familial benign chronic pemphigus appearing as leukoplakia of the vulva. Evron S, et al. **Int J Dermatol** 1984 Oct; 23(8):556–7

PRUSSIAN BLUE REACTION see under **HISTOCYTOCHEMISTRY**

PSAMMOMYS see **CRICETIDAE**

PSEUDARTHROSIS

Nonunion of the radial head. Horne G, et al. **J Trauma** 1985 May;25(5):452–3

COMPLICATIONS

Late thoracic outlet syndrome secondary to pseudarthrosis of the clavicle. Bargar WL, et al. **J Trauma** 1984 Sep; 24(9):857–9

[Compression of the brachial plexus by a pseudarthrosis of the 1st rib] Borrelly J, et al. **Ann Chir Main** 1984;3(3):266–8 (Eng. Abstr.) **(Fre)**

[Use of bone matrix to stimulate osteogenesis in the presence of wound infection] Osepian IA, et al. **Ortop Travmatol Protez** 1985 Jan;(1):45–6 **(Rus)**

CONGENITAL

Bilateral congenital pseudarthrosis of the clavicles—case report and review of the literature. Brooks S. **Br J Clin Pract** 1984 Nov-Dec;38(11–12):432–3

Electrical stimulation in the treatment of congenital pseudarthrosis of the tibia. Paterson DC, et al. **J Bone Joint Surg [Br]** 1985 May;67(3):454–62

Congenital pseudarthrosis of the radius [clinical conference] Herring JA, et al. **J Pediatr Orthop** 1985 May-Jun; 5(3):367–9

Congenital pseudarthrosis of the ulna: a report of two cases and a review of the literature. Ostrowski DM, et al. **J Pediatr Orthop** 1985 Jul-Aug;5(4):463–7

[Congenital pseudoarthrosis of the clavicle] Petersen V. **Ugeskr Laeger** 1984 Apr 30;146(18):1363–4 (Eng. Abstr.) **(Dan)**

[Congenital pseudarthrosis of the clavicle] Almdahl SM, et al. **Tidsskr Nor Laegeforen** 1984 Nov 20;104(32):2249–50 (Eng. Abstr.) **(Nor)**

ETIOLOGY

The management of nonunions following high tibial osteotomies. Schatzker J, et al. **Clin Orthop** 1985 Mar; (193):230–3

Ulnar impingement syndrome. Bell MJ, et al. **J Bone Joint Surg [Br]** 1985 Jan;67(1):126–9

[Infection and pseudarthrosis as complications following selective ramus osteotomies] Steinhäuser EW. **Fortschr Kiefer Gesichtschir** 1985;30:88–91 **(Ger)**

[Aseptic bone healing disorders following tibial shaft fractures] Szyszkowitz R, et al. **Orthopade** 1984 Sep; 13(4):301–11 **(Ger)**

[Pseudoarthrosis of the fingertip] Carozzi S. **Chir Ital** 1983 Aug;35(4):586–90 (Eng. Abstr.) **(Ita)**

PATHOLOGY

Light- and electron-microscopic studies in congenital pseudarthrosis. Blauth M, et al. **Arch Orthop Trauma Surg** 1984;103(4):269–77

RADIOGRAPHY

Localization of symptomatic lumbar pseudarthroses by use of discography. Johnson RG, et al. **Clin Orthop** 1985 Jul-Aug;(197):164–70

Nonunion of the radial head. Horne G, et al. **J Trauma** 1985 May;25(5):452–3

The role of tomography in the evaluation of the postoperative spinal fusion. Clader TJ, et al. **Spine** 1984 Oct;9(7):686–9

[Pathological functional changes in the upper ribs] Andreeva VF, et al. **Vestn Rentgenol Radiol** 1984 Nov-Dec;(6):23–7 (Eng. Abstr.) **(Rus)**

SURGERY

The value of posterolateral bone-grafting for non-union of the tibia. Simon JP, et al. **Acta Orthop Belg** 1984 Jul-Aug; 50(4):557–64

Closed loop instrumentation of the lumbar spine. Flatley TJ, et al. **Clin Orthop** 1985 Jun;(196):273–8

The transtibio-fibular graft in the treatment of pseudarthrosis of the tibia with loss of bone substance. Ruggieri F, et al. **Ital J Orthop Traumatol** 1984 Dec;10(4):439–48

Free vascularised fibular graft in the treatment of congenital pseudarthrosis of the tibia. Pho RW, et al. **J Bone Joint Surg [Br]** 1985 Jan;67(1):64–70

Nonunions and delayed unions. Randolph TJ, et al. **J Foot Surg** 1985 Jan-Feb;24(1):62–7 (29 ref.)

[Aseptic pseudoarthroses of the long bones] Michiels I, et al. **Acta Chir Belg** 1984 Sep-Oct;84(5):293–9 (Eng. Abstr.) **(Fre)**

[Surgical treatment of pseudarthrosis of the clavicle. Apropos of 13 cases] Fontaine C, et al. **Acta Orthop Belg** 1984; 50(6):769–80 (Eng. Abstr.) **(Fre)**

[Matti-Russe surgery in the treatment of carpal scaphoid pseudarthroses] Hoang P, et al. **Acta Orthop Belg** 1984 Sep-Oct;50(5):677–85 (Eng. Abstr.) **(Fre)**

[Treatment of septic or non-septic diaphyseal pseudoarthroses by Ilizarov's monofocal compression method] Cattaneo R, et al. **Rev Chir Orthop** 1985; 71(4):223–9 (Eng. Abstr.) **(Fre)**

[Treatment of infected tibial fractures and pseudarthrosis using an external fixator] Scharf W, et al. **Aktuel Traumatol** 1984 Dec;14(6):243–7 (Eng. Abstr.) **(Ger)**

[Value of fibula osteotomy/resection in the treatment concept of fractures and pseudarthroses of the lower leg] Otto W, et al. **Beitr Orthop Traumatol** 1984 Dec;31(12):643–55 (Eng. Abstr.) **(Ger)**

[Failures in the operative care of mandibular fractures with Kirschner wires and their treatment] Geiger SA, et al. **Fortschr Kiefer Gesichtschir** 1985;30:119–21 **(Ger)**

[Errors and dangers in the treatment of fractures and pseudarthroses of the clavicle] Echtermeyer V, et al. **Langenbecks Arch Chir** 1984;364:351–4 (Eng. Abstr.) **(Ger)**

[Follow-up results following Matti-Russe grafting in navicular pseudarthrosis] Hassinger M, et al. **Z Orthop** 1984 Sep-Oct;122(5):651–6 (Eng. Abstr.) **(Ger)**

[The double-headed coil winding device: a clinical example] Fernandez DL. **Z Unfallchir Versicherungsmed Berufskr** 1984;77(3):171–4 **(Ger)**

[Femur shaft fractures in artificial hip joint replacement] Mayer G, et al. **Zentralbl Chir** 1985;110(12):739–48 (Eng. Abstr.) **(Ger)**

[Soft tissue and bone defects of the tibia. Treatment with pedicled muscle transfer and a microvascular anastomosed myocutaneous flap] Schweiberer L, et al. **Zentralbl Chir** 1985;110(4):200–12 (Eng. Abstr.) **(Ger)**

[Use of an autologous rib in bone reconstruction of major defects in pseudoarthrosis] Bodrogi L, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1985; 28(1):83–6 (Eng. Abstr.) **(Hun)**

[Treatment of pseudoarthrosis of the carpal scaphoid with fibrin glue] Carozzi S. **Chir Ital** 1983 Aug;35(4):615–20 (Eng. Abstr.) **(Ita)**

[Treatment of pseudarthrosis of the carpal scaphoid with a compression plate] Vespasiani A, et al. **Chir Ital** 1983 Feb; 35(1):134–8 (Eng. Abstr.) **(Ita)**

[Usefulness of cylindrical transplants of cancellous bone tissue for acceleration of osteogenetic processes in pseudarthroses] Skwarcz A, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(3):251–4 (Eng. Abstr.) **(Pol)**

[Compression osteosynthesis in the treatment of pseudarthrosis of the tibia] Tkachenko SS, et al. **Ortop Travmatol Protez** 1984 Sep;(9):10–6 (Eng. Abstr.) **(Rus)**

[Experience of the Irkutsk Scientific Research Institute of Traumatology and Orthopedics in the treatment of orthopedo-traumatologic patients by means of transosseous compression-distraction osteosynthesis] Zyrianova TD, et al. **Ortop Travmatol Protez** 1984 Sep;(9):56–8 **(Rus)**

[Current methods of treating pseudarthrosis] Tkachenko SS, et al. **Vestn Khir** 1985 Jan;134(1):80–4 (Eng. Abstr.) **(Rus)**

[Treatment of pseudarthrosis of the odontoid process of the axis and complicated transodontoid posterior subluxation of the atlas] Durov MF, et al. **Zh Vopr Neirokhir** 1985 Jan-Feb;(1):48–51 (Eng. Abstr.) **(Rus)**

[Possibilities of the surgical treatment of defective pseudoarthroses of the forearm] Stevanović M, et al. **Srp Arh Celok Lek** 1984 Mar;112(3):259–71 (Eng. Abstr.) **(Scc)**

[10 years' experience with Soviet compression-distraction systems] Makai F, et al. **Bratisl Lek Listy** 1984 Nov; 82(5):1289–300 (Eng. Abstr.) **(Slo)**

[Hip surgery in Gothenburg up to 1990. Orthopedic surgery resources are needed for the treatment of fractures and arthrosis/arthritis] Zetterberg C, et al. **Lakartidningen** 1984 Nov 21;81(47):4414–7 (Eng. Abstr.) **(Swe)**

THERAPY

Treatment of failed posterior lumbar interbody fusion (PLIF) of the spine with pulsing electromagnetic fields. Simmons JW. **Clin Orthop** 1985 Mar;(193):127–32

Electrical stimulation of low frequency range in cases of pseudarthroses. Survey of 350 cases. Ascherl R, et al. **Reconstr Surg Traumatol** 1985;19:106–12

Treatment of non-union, congenital pseudarthroses and benign cystic lesions using pulsed electromagnetic fields. Cheng N, et al. **Reconstr Surg Traumatol** 1985;19:118–22

Role of electricity in the treatment of congenital pseudarthrosis of the tibia. Kort JS, et al. **Reconstr Surg Traumatol** 1985;19:140–6

[Pulsing magnetic fields and their effect on the healing of fractures and pseudarthroses] Chvojka J. **Acta Chir Orthop Traumatol Cech** 1985 Feb;52(1):36–46 (Eng. Abstr.) **(Cze)**

[The treatment of scaphoid pseudarthrosis with electrostimulation] Aversa JM. **Orthopade** 1985 Feb; 14(1):44–9 **(Ger)**

[Variants of osteogenesis in the treatment of flail pseudarthroses by the compression-distraction method] Giul'nazarova SV, et al. **Ortop Travmatol Protez** 1985 May; (5):20–3 (Eng. Abstr.) **(Rus)**

PSEUDO-HURLER POLYDYSTROPHY see **MUCOLIPIDOSIS**

PSEUDOCHOLINESTERASE see under **CHOLINESTERASES**

PSEUDOCYESIS see **PSEUDOPREGNANCY**

PSEUDODEMENTIA see **FACTITIOUS DISORDERS**

PSEUDOEPHEDRINE see **EPHEDRINE**

PSEUDOGLOBULINS see **SERUM GLOBULINS**

PSEUDOGOUT see **CHONDROCALCINOSIS**

PSEUDOHERMAPHRODITISM

Pseudohermaphroditism, glomerulopathy, and Wilms tumor (Drash syndrome): frequency in end-stage renal failure. Eddy AA, et al. **J Pediatr** 1985 Apr;106(4):584–7

[A case of fetal testicular regression syndrome with the absence of müllerian and wolffian structures and the presence of female external genitalia] Sinisi AA, et al. **Pathologica** 1983;75 Suppl:169–73 **(Ita)**

CHEMICALLY INDUCED

The development of a male pseudohermaphroditic rat using an inhibitor of the enzyme 5 alpha-reductase. Imperato-McGinley J, et al. **Endocrinology** 1985 Feb; 116(2):807–12

Female pseudohermaphroditism due to maternal androgen administration: 25-year follow-up [letter] Reschini E, et al. **Lancet** 1985 May 25;1(8439):1226

COMPLICATIONS

Female pseudohermaphroditism with adrenal cortical tumor in adulthood. Coslovsky R, et al. **J Endocrinol Invest** 1985 Feb;8(1):63–5

Intra-abdominal seminomas in persistent müllerian duct syndrome. Kazim E. **Urology** 1985 Sep;26(3):290–2

Wilms tumor and nephrotic syndrome in male pseudohermaphroditism. Koyanagi T, et al. **Urology** 1984 Dec;24(6):595–600

[Testicular tumors in male pseudohermaphroditism] Bobokhidze NV, et al. **Probl Endokrinol (Mosk)** 1984 Nov-Dec;30(6):28–34 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Inguinal hernia repair leading to the diagnosis of internal male pseudohermaphroditism. Michiels I, et al. **Acta Chir Belg** 1984 Jul-Aug;84(4):255–8

[Male pseudohermaphroditism (letter)] Grunfeld Avellán JA. **Rev Clin Esp** 1985 Apr;176(7):370–1 **(Spa)**

DRUG THERAPY

High dose androgen therapy in male pseudohermaphroditism due to 5 alpha-reductase deficiency and disorders of the androgen receptor. Price P, et al. **J Clin Invest** 1984 Oct; 74(4):1496–508

ENZYMOLOGY

5 alpha-reductase deficiency: diagnosis via abnormal plasma levels of reduced testosterone derivatives. Corrall RJ, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):538–43

Deficient 5 alpha-reductase due to mutant enzyme with reduced affinity to steroid substrate. el Awady MK, et al. **Enzyme** 1984;32(2):116–25

Increased peripheral aromatase activity in prepubertal children with partial androgen insensitivity syndrome. Chabab A, et al. **Horm Res** 1985;22(1–2):83–8

[Prenatal diagnosis in a familial form of male pseudohermaphroditism due to 17-keto reductase deficiency] Nivelon JL, et al. **J Genet Hum** 1985 Jun; 33(2):179–86 (Eng. Abstr.) **(Fre)**

[5-alpha steroid reductase and 17-beta steroid oxidoreductase activity in human fibroblasts. Comparison between cells of normal individuals and patients with different types of male pseudohermaphroditism] Bassol S, et al. **Rev Invest Clin** 1984 Jul-Sep;36(3):231–5 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Male pseudohermaphroditism resulting from Leydig cell hypoplasia [letter] Arnhold IJ, et al. **J Pediatr** 1985 Jun;106(6):1057

FAMILIAL & GENETIC

Miscellaneous clinical case reports in twins. Gedda L, et al. **Acta Genet Med Gemellol (Roma)** 1984;33(3):505-8

Endocrine and genetic characterization of cousins with male pseudohermaphroditism: evidence that the Lubs phenotype can result from a mutation that alters the structure of the androgen receptor. Wilson JD, et al. **Clin Genet** 1984 Oct;26(4):363-70

Decreased urinary C19 and C21 steroid 5 alpha-metabolites in parents of male pseudohermaphrodites with 5 alpha-reductase deficiency: detection of carriers. Imperato-McGinley J, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):553-8

[Male pseudohermaphroditism caused by partial deficiency of androgen receptors. (Reifenstein's syndrome). Presentation of 2 cases in a family] Arango Toro OJ, et al. **Actas Urol Esp** 1984 Nov-Dec;8(6):493-6 (Eng. Abstr.) **(Spa)**

METABOLISM

A case of male pseudohermaphroditism with normal androgen receptor binding and 47,XYY karyotype. Bosch-Banyeras JM, et al. **Ann Genet (Paris)** 1985;28(2):125-9

Reduced affinity of the androgen receptor for 5 alpha-dihydrotestosterone but not methyltrienolone in a form of partial androgen resistance. Studies on cultured genital skin fibroblasts. Pinsky L, et al. **J Clin Invest** 1985 Apr;75(4):1291-6

PATHOLOGY

Male pseudohermaphroditism by persistent müllerian structures. Vazquez-Echarri J, et al. **Urology** 1984 Nov;24(5):446-51

PHYSIOPATHOLOGY

Pituitary and gonadal function in pubertal and adult male rabbits with pseudohermaphroditism secondary to immunization of mothers against testosterone. Veyssière G, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):550-5

Heavy metal levels in Nucella lapillus (Gastropoda: Prosobranchia) from sites with normal and penis-bearing females from New England. Miller ER 3d, et al. **Bull Environ Contam Toxicol** 1984 Nov;33(5):612-20

PSYCHOLOGY

Sexual behavior of an androgenized female rhesus macaque with a surgically constructed vagina. Phoenix CH, et al. **Horm Behav** 1984 Dec;18(4):393-9

SURGERY

[Reduction phalloplasty using the bilateral Nesbit technic. A case of congenital hypertrophy of the adrenal glands] De Bruyne R, et al. **Acta Urol Belg** 1985;53(1):115-21 (Eng. Abstr.) **(Fre)**

[Experiences with Marberger's reduction plasty of the clitoris in female and male pseudohermaphroditism] Bennek J, et al. **Zentralbl Chir** 1984;109(15):1006-10 **(Ger)**

[Indications and timing of genital operations in children with male and female pseudohermaphroditism] Hoepffner W, et al. **Zentralbl Chir** 1984;109(15):1011-4 **(Ger)**

URINE

Urinary steroid metabolites in subjects with male pseudohermaphroditism due to 5 alpha-reductase deficiency. Peterson RE, et al. **Clin Endocrinol (Oxf)** 1985 Jul;23(1):43-53

PSEUDOHYPOPARATHYROIDISM

BLOOD

Normal free fatty acid response to isoproterenol in pseudohypoparathyroidism. Carlson HE, et al. **J Clin Endocrinol Metab** 1985 Aug;61(2):382-4

The inhibitory adenylate cyclase coupling protein in pseudohypoparathyroidism. Downs RW, et al. **J Clin Endocrinol Metab** 1985 Aug;61(2):351-4

Examination of circulating parathyroid hormone in pseudohypoparathyroidism. Mitchell J, et al. **J Clin Endocrinol Metab** 1985 Aug;61(2):328-34

COMPLICATIONS

Renal-nonresponsive, bone-responsive pseudohypoparathyroidism. A case with normal vitamin D metabolite levels and clinical features of rickets. Dabbagh S, et al. **Am J Dis Child** 1984 Nov;138(11):1030-3

[Pseudohypoparathyroidism, calcifying arteriopathy and ischemic skin necrosis] Michel B, et al. **Schweiz Med Wochenschr** 1985 Mar 23;115(12):418-21 (Eng. Abstr.) **(Ger)**

[Pseudohypoparathyroidism associated with amyotrophic lateral sclerosis (ALS) syndrome] Suzuki S, et al. **Rinsho Shinkeigaku** 1985 Mar;25(3):282-7 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

Pseudohypoparathyroidism. A case report, with studies on the pathogenesis of the condition. Devogelaer JP, et al. **Acta Clin Belg** 1984;39(4):228-58 (37 ref.)

Vitamin D-dependent rickets [letter] Ozsoylu S. **Am J Dis Child** 1985 Jul;139(7):651

Pseudohypoparathyroidism type Ia presenting as congenital hypothyroidism. Weisman Y, et al. **J Pediatr** 1985 Sep;107(3):413-5

[Urinary phosphate and cyclic adenosine monophosphate response to intravenous administration of synthetic human parathyroid hormone-(1-34) in idiopathic hypoparathyroidism, pseudohypoparathyroidism, pseudopseudohypoparathyroidism and normal subjects] Fukami T, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Mar 20;60(3):159-70 (Eng. Abstr.) **(Jpn)**

[Standard procedure and the diagnostic criteria for the Ellsworth-Howard test using human PTH-(1-34)] Ogata E, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Aug 20;60(8):971-84 (Eng. Abstr.) **(Jpn)**

DRUG THERAPY

Management of pseudohypoparathyroidism in pregnancy. Case report. O'Donnell D, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):639-41

Calcium and phosphate metabolism in children with idiopathic hypoparathyroidism or pseudohypoparathyroidism: effects of 1,25-dihydroxyvitamin D3. Chan JC, et al. **J Pediatr** 1985 Mar;106(3):421-6

FAMILIAL & GENETIC

Inheritance of pseudohypoparathyroidism [letter] Lubinsky M. **Am J Dis Child** 1985 Mar;139(3):220-1

Father to son transmission of decreased Ns activity in pseudohypoparathyroidism type Ia. Van Dop C, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):825-8

[Various forms of pseudohypoparathyroiditis in one family] Szilágyi G, et al. **Orv Hetil** 1985 Mar 17;126(11):641-4 (Eng. Abstr.) **(Hun)**

METABOLISM

A case of pseudohypoparathyroidism (PHP) associated with multiple hormonal abnormalities. Fujii H, et al. **Jpn J Med** 1984 Aug;23(3):237-41

RADIOGRAPHY

Prevalences of CT-detected calcification in the basal ganglia in idiopathic hypoparathyroidism and pseudohypoparathyroidism. Illum F, et al. **Neuroradiology** 1985;27(1):32-7

Metabolic bone disease in pseudohypoparathyroidism: radiologic features. Burnstein MI, et al. **Radiology** 1985 May;155(2):351-6

Case report 312. Diagnosis: progressive paraparesis in a woman with pseudohypoparathyroidism (PHP) with ossification of the posterior longitudinal ligament from C4 to T5. Firooznia H, et al. **Skeletal Radiol** 1985;13(4):310-3

SURGERY

New applications of total parathyroidectomy and autotransplantation: use in proximal renal tubular dysfunction. Kinder BK, et al. **World J Surg** 1985 Feb;9(1):156-64

PSEUDOISOCYANINE see under **QUINOLINES**

PSEUDOMONADACEAE

ENZYMOLOGY

Gluconate kinase from Zymomonas mobilis: isolation and characteristics. Zachariou M, et al. **Biochem Int** 1985 Mar;10(3):367-71

GENETICS

Isolation and genetic analysis of Caulobacter mutants defective in cell shape and membrane lipid synthesis. Hodgson DA, et al. **Genetics** 1984 Dec;108(4):809-26

Transformation of Zymomonas mobilis by a hybrid plasmid. Browne GM, et al. **Plasmid** 1984 Nov;12(3):211-4

GROWTH & DEVELOPMENT

Differential expression and positioning of chemotaxis methylation proteins in Caulobacter. Gomes SL, et al. **J Mol Biol** 1984 Sep 25;178(3):551-68

[Growth rate of antibiotic-producing gram-negative bacteria on liquid nutrient media] Oparina ON, et al. **Antibiotiki** 1984 Nov;29(11):803-6 (Eng. Abstr.) **(Rus)**

PSEUDOMONAS

ANALYSIS

Structure of the sidechain of lipopolysaccharide from Pseudomonas syringae pv. morsprunorum C28. Smith AR, et al. **Eur J Biochem** 1985 May 15;149(1):73-8

Isolation and characterization of bulgecins, new bacterial metabolites with bulge-inducing activity. Shinagawa S, et al. **J Antibiot (Tokyo)** 1985 Jan;38(1):17-23

Comparative studies of lipopolysaccharide and exopolysaccharide from a virulent strain of Pseudomonas solanacearum and from three avirulent mutants. Drigues P, et al. **J Bacteriol** 1985 May;162(2):504-9

CLASSIFICATION

A study of the relative incidence of different Pseudomonas groups on meat using a computer-assisted identification technique employing only carbon source tests. Shaw BG, et al. **J Appl Bacteriol** 1984 Aug;57(1):59-67

Discriminant analysis of volatile fatty acids produced in culture medium: a novel approach to the identification of Pseudomonas species. Peladan F, et al. **J Gen Microbiol** 1984 Dec;130 (Pt 12):3175-82

[Characterization and differentiation of fluorescent pseudemonads by substrate utilization studies] Schöpp W, et al. **J Basic Microbiol** 1985;25(3):187-95 (Eng. Abstr.) **(Ger)**

[Serological classification of Pseudomonas cepacia] Nakamura Y, et al. **Kansenshogaku Zasshi** 1984 Jun;58(6):491-4 (Eng. Abstr.) **(Jpn)**

DRUG EFFECTS

Ceftazidime therapy in patients with cystic fibrosis and multiply-drug-resistant pseudomonas. Blumer JL, et al. **Am J Med** 1985 Aug 9;79(2A):37-46

The activity of temocillin against Enterobacteriaceae, Pseudomonas and Haemophilus influenzae. Chen HY, et al. **Drugs** 1985;29 Suppl 5:85-90

In vitro activity of five quinoline derivatives against nosocomial isolates of Staphylococcus and Pseudomonas species [letter] Daschner FD, et al. **Eur J Clin Microbiol** 1985 Feb;4(1):72-3

Anti-pseudomonal activity of HR 810. Husson MO, et al. **Infection** 1985 Mar-Apr;13(2):85-6

Comparison of cefpiramide (HR-810) and four anti-pseudomonal beta-lactam agents against pseudomonas isolates from children with cystic fibrosis. Aronoff SC, et al. **J Antimicrob Chemother** 1985 May;15(5):545-9

In-vitro activity of ciprofloxacin and other antibacterial agents against Pseudomonas aeruginosa and Pseudomonas cepacia from cystic fibrosis patients. Klinger JD, et al. **J Antimicrob Chemother** 1985 Jun;15(6):679-84

In vitro activity of various cephalosporins against Pseudomonas pseudomallei. Ashdown LR, et al. **J Infect Dis** 1984 Nov;150(5):779-80

Mercury-resistant plasmids in bacteria from a mercury and antimony deposit area. Khesin RB, et al. **MGG** 1984;197(2):280-5

Forecast of antibiotic susceptibility of translocating strains of enterobacteria and pseudomonas in leukemic neutropenic patients. Tancrède CH, et al. **Prog Clin Biol Res** 1985;181:275-7

[Comparison of the in vitro activity of 6 quinolones on Pseudomonas sp.] Lesage D, et al. **Pathol Biol (Paris)** 1985 May;33(5):412-5 (Eng. Abstr.) **(Fre)**

[Combined antibacterial activity of clavulanic acid with amoxicillin and ampicillin against Gram-negative strains] Mascellino MT, et al. **Boll Ist Sieroter Milan** 1984;63(5):447-52 (Eng. Abstr.) **(Ita)**

[Sensitivity of non-fermenting gram-negative rods to antibiotics] Ruczkowska J, et al. **Wiad Lek** 1984 Dec 15;37(24):1934-9 (Eng. Abstr.) **(Pol)**

[Phosphate and glucose accumulation by Pseudomonas cultures in relation to their arsenic resistance] Mynbaeva BN, et al. **Mikrobiologiia** 1984 Sep-Oct;53(5):822-5 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Synthesis of S-(carboxymethyl)-D-cysteine by 3-chloro-D-alanine chloride-lyase of pseudomonas putida CR 1-1. Nagasawa T, et al. **Appl Biochem Biotechnol** 1983 Dec;8(6):481-9

Detection of beta-carbanion formation during kynurenine hydrolysis catalyzed by Pseudomonas marginalis kynureninase. Bild GS, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):41-7

A rapid-scan spectrometric and stopped-flow study of compound I and compound II of Pseudomonas cytochrome c peroxidase. Rönnberg M, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):714-9

Phenylalanine hydroxylase and isozymes of 3-deoxy-D-arabino-heptulosonate 7-phosphate synthase in relationship to the phylogenetic position of Pseudomonas acidovorans (Ps. sp. ATCC 11299a). Berry A, et al. **Arch Microbiol** 1985 Feb;141(1):32-9

Patterns of product inhibition for bacterial nitrite reductase. Dhesi R, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):966-72

Sedimentation analysis of ribonucleotide reductase activity in extracts of Pseudomonas stutzeri. Holt RG, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):1040-50

Purification and properties of gamma-oxalomesaconate hydratase from Pseudomonas ochraceae grown with phthalate. Maruyama K. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):271-7

Purification and some properties of the

D-lactate-2-sulphatase of Pseudomonas syringae GG. Crescenzi AM, et al. **Biochem J** 1984 Oct 15;223(2):487–94

Purification and properties of S-adenosylmethionine: aldoxime O-methyltransferase from Pseudomonas sp. N.C.I.B. 11652. Harper DB, et al. **Biochem J** 1985 Feb 15;226(1):147–53

Presence and quantity of dehydroalanine in histidine ammonia-lyase from Pseudomonas putida. Consevage MW, et al. **Biochemistry** 1985 Jan 15;24(2):301–8

Alternate substrates and inhibitors of bacterial 4-hydroxyphenylpyruvate dioxygenase. Pascal RA Jr, et al. **Biochemistry** 1985 Jun 18;24(13):3158–65

Inactivation of the Pseudomonas striata broad specificity amino acid racemase by D and L isomers of beta-substituted alanines: kinetics, stoichiometry, active site peptide, and mechanistic studies. Roise D, et al. **Biochemistry** 1984 Oct 23;23(22):5195–201

Evidence against a temperature-dependent conformational change in urocanase from Pseudomonas putida. Hug DH, et al. **Biochim Biophys Acta** 1985 Jul 18;830(1):101–4

Purification and properties of extracellular poly(3-hydroxybutyrate) depolymerases from Pseudomonas lemoignei. Nakayama K, et al. **Biochim Biophys Acta** 1985 Jan 21;827(1):63–72

Dialysis culture for the production of Pseudomonas saccharophila alpha-amylase. Kadam SK, et al. **Can J Microbiol** 1984 Jul;30(7):952–5

Purification and properties of carboxypeptidase G2 from Pseudomonas sp. strain RS-16. Use of a novel triazine dye affinity method. Sherwood RF, et al. **Eur J Biochem** 1985 May 2;148(3):447–53

Periplasmic location of p-cresol methylhydroxylase in Pseudomonas putida. Hopper DJ, et al. **FEBS Lett** 1985 Mar 25;182(2):485–8

3 beta, 17 beta-hydroxysteroid dehydrogenase of Pseudomonas testosteroni. Kinetic evidence for the bifunctional activity at a common catalytic site. Minard P, et al. **FEBS Lett** 1985 Aug 19;188(1):85–90

Bacteriocuprein superoxide dismutases in pseudomonads. Steinman HM. **J Bacteriol** 1985 Jun;162(3):1255–60

Purification of bromoperoxidase from Pseudomonas aureofaciens. van Pée KH, et al. **J Bacteriol** 1985 Mar; 161(3):1171–5

Purification and properties of a novel ferricyanide-linked xanthine dehydrogenase from Pseudomonas putida 40. Woolfolk CA. **J Bacteriol** 1985 Aug;163(2):600–9

Oxidation and oxygenation of L-amino acids catalyzed by a L-phenylalanine oxidase (deaminating and decarboxylating) from Pseudomonas sp. P-501. Koyama H. **J Biochem (Tokyo)** 1984 Aug;96(2):421–7

Formaldehyde dehydrogenase from Pseudomonas putida: a zinc metalloenzyme. Ögushi S, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1587–91

Isolation and characterization of N-long chain acyl aminoacylase from Pseudomonas diminuta. Shintani Y, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):637–43

Evidence for N coordination to Fe in the [2Fe-2S] clusters of Thermus Rieske protein and phthalate dioxygenase from Pseudomonas. Cline JF, et al. **J Biol Chem** 1985 Mar 25; 260(6):3251–4

Novel reactivity of cytochrome P-450-CAM. Methyl hydroxylation of 5,5-difluorocamphor. Eble KS, et al. **J Biol Chem** 1984 Dec 10;259(23):14389–93

Enzymes of vitamin B6 degradation. Purification and properties of two N-acetylamidohydrolases. Huynh MS, et al. **J Biol Chem** 1985 Feb 25;260(4):2379–83

Characterization of crystals of protocatechuate 3,4-dioxygenase from Pseudomonas cepacia. Ludwig ML, et al. **J Biol Chem** 1984 Dec 10;259(23):14840–2

Crystallization and preliminary x-ray crystallographic data of dienelactone hydrolase from Pseudomonas sp. B13. Ollis DL, et al. **J Biol Chem** 1985 Aug 15;260(17):9818–9

Immunocytochemical localization of carbon monoxide oxidase in Pseudomonas carboxydovorans. The enzyme is attached to the inner aspect of the cytoplasmic membrane. Rohde M, et al. **J Biol Chem** 1984 Dec 10;259(23):14788–92

Purification and properties of ferredoxinTOL. A component of toluene dioxygenase from Pseudomonas putida F1. Subramanian V, et al. **J Biol Chem** 1985 Feb 25; 260(4):2355–63

The resonance Raman frequencies of the Fe-CO stretching and bending modes in the CO complex of cytochrome P-450cam. Uno T, et al. **J Biol Chem** 1985 Feb 25; 260(4):2023–6

Proteinases of Pseudomonas aeruginosa evoke mucin release by tracheal epithelium. Klinger JD, et al. **J Clin Invest** 1984 Nov;74(5):1669–78

Isolation and characterization of heat stable proteinases from Pseudomonas isolate AFT 21. Stepaniak L, et al. **J Dairy Res** 1985 Feb;52(1):77–89

A comparative survey of several bacterial aa3-type cytochrome c oxidases. Yamanaka T, et al. **J Inorg Biochem** 1985 Mar–Apr;23(3–4):273–7

Preliminary X-ray study of p-cresol methylhydroxylase (flavocytochrome c) from Pseudomonas putida N.C.I.B. 9869. Shamala N, et al. **J Mol Biol** 1985 Jun 5;183(3):517–8

In vivo role of sulfite in photocontrol of urocanase from Pseudomonas putida. Venema RC, et al. **Photochem Photobiol** 1985 Jan;41(1):77–81

[Keratanase from Pseudomonas sp. and sulfatases from Actinobacillus sp] Nakazawa K. **Tanpakushitsu Kakusan Koso** 1985 Jan;30(1):40–4 **(Jpn)**

[Isolation, purification and physicochemical properties of glutamin-asparaginase from Pseudomonas boreopolis 526] Pekhov AA, et al. **Biull Eksp Biol Med** 1985 May; 99(5):557–60 (Eng. Abstr.) **(Rus)**

[Modification of bacterial formate dehydrogenase by a mercarbide electron-dense label. X-ray determination of the space between active centers of the enzyme] Lamzin VS, et al. **Dokl Akad Nauk SSSR** 1985;281(3):712–5 **(Rus)**

[Comparative study of the plasmids controlling naphthalene biodegradation by a Pseudomonas culture] Kochetkov VV, et al. **Mikrobiologiia** 1984 Jul–Aug;53(4):639–44 (Eng. Abstr.) **(Rus)**

[Thermostabilization of glutamin(asparagin)ase from Pseudomonas aurantica BKMB-548] Kabanova EA, et al. **Vopr Med Khim** 1985 May–Jun;31(3):31–7 (Eng. Abstr.) **(Rus)**

GENETICS

Construction of a cosmid clone library of Pseudomonas syringae pv. phaseolicola and isolation of genes by functional complementation. Ehrenshaft M, et al. **Appl Environ Microbiol** 1985 Jul;50(1):169–71

Influence of salts and temperature on the transfer of mercury resistance from a marine pseudomonad to Escherichia coli. Gauthier MJ, et al. **Appl Environ Microbiol** 1985 Jul; 50(1):38–40

Novel microbial screen for detection of 1,4-butanediol, ethylene glycol, and adipic acid. Stieglitz B, et al. **Appl Environ Microbiol** 1985 Mar;49(3):593–8

Toxic effects of chlorinated and brominated alkanoic acids on Pseudomonas putida PP3: selection at high frequencies of mutations in genes encoding dehalogenases. Weightman AJ, et al. **Appl Environ Microbiol** 1985 Jun;49(6):1494–501

Shuttle vector for Escherichia coli, Pseudomonas putida, and Pseudomonas aeruginosa. Lushnikov AA, et al. **Basic Life Sci** 1985;30:657–62

Positive regulation and transcription initiation of xyl operons on TOL plasmid. Nakazawa T, et al. **Basic Life Sci** 1985; 30:415–29

Transcription of the TOL plasmid toluate catabolic pathway operon of Pseudomonas putida is determined by a pair of co-ordinately and positively regulated overlapping promoters. Mermod N, et al. **EMBO J** 1984 Nov; 3(11):2461–6

Expression of plasmid encoded Escherichia coli 5S ribosomal ribonucleic acid in Pseudomonas putida. Hartmann RK, et al. **FEBS Lett** 1985 Sep 2;188(2):295–301

Nucleotide sequence of the promoter region of the xylDEGF operon on TOL plasmid of Pseudomonas putida. Inouye S, et al. **Gene** 1984 Sep;29(3):323–30

The complete nucleotide sequence of the Pseudomonas gene coding for carboxypeptidase G2. Minton NP, et al. **Gene** 1984 Nov;31(1–3):31–8

Transferable amikacin resistance in pseudomonas maltophilia and acinetobacter calcoaceticus [letter] Krčméry V, et al. **Infection** 1985 Mar–Apr;13(2):89–90

Thymidine salvage in Pseudomonas stutzeri and Pseudomonas aeruginosa provided by heterologous expression of Escherichia coli thymidine kinase gene. Carlson CA, et al. **J Bacteriol** 1985 Jul;163(1):291–5

Cloning and expression in Escherichia coli of histidine utilization genes from Pseudomonas putida. Consevage MW, et al. **J Bacteriol** 1985 Apr;162(1):138–46

Cloning of genes specifying carbohydrate catabolism in Pseudomonas aeruginosa and Pseudomonas putida. Cuskey SM, et al. **J Bacteriol** 1985 Jun;162(3):865–71

Isolation and characterization of Pseudomonas putida PpF1 mutants defective in the toluene dioxygenase enzyme system. Finette BA, et al. **J Bacteriol** 1984 Dec; 160(3):1003–9

Molecular cloning of a malyl coenzyme A lyase gene from Pseudomonas sp. strain AM1, a facultative methylotroph. Fulton GL, et al. **J Bacteriol** 1984 Nov;160(2):718–23

Cloning of genes involved in myo-inositol transport in a Pseudomonas sp. Gauchat-Feiss D, et al. **J Bacteriol** 1985 Apr;162(1):324–7

Transposon mutagenesis analysis of meta-cleavage pathway operon genes of the TOL plasmid of Pseudomonas putida mt-2. Harayama S, et al. **J Bacteriol** 1984 Oct;160(1):251–5

Determination of the transcription initiation site and identification of the protein product of the regulatory gene xylR for xyl operons on the TOL plasmid. Inouye S, et al. **J Bacteriol** 1985 Sep;163(3):863–9

TOL plasmid pWW15 contains two nonhomologous, independently regulated catechol 2,3-oxygenase genes. Keil H, et al. **J Bacteriol** 1985 Jul;163(1):248–55

Molecular cloning and structure of the gene for 7 beta-(4-carboxybutanamido)cephalosporanic acid acylase from a Pseudomonas strain. Matsuda A, et al. **J Bacteriol** 1985 Sep;163(3):1222–8

Suicide vector for transposon mutagenesis in Pseudomonas solanacearum. Morales VM, et al. **J Bacteriol** 1985 Sep; 163(3):1263–4

Sym plasmid genes of Rhizobium trifolii expressed in Lignobacter and Pseudomonas strains. Plazinski J, et al. **J Bacteriol** 1985 Jun;162(3):1261–9

Isolation of a DNA fragment containing replication functions from IncP2 megaplasmid pMG2. Prince AS, et al. **J Bacteriol** 1985 Feb;161(2):792–4

Conjugative mapping of pyruvate, 2-ketoglutarate, and branched-chain keto acid dehydrogenase genes in Pseudomonas putida mutants. Sykes PJ, et al. **J Bacteriol** 1985 Apr;162(1):203–8

Comparison of physical and genetic properties of palindromic DNA sequences. Warren GJ, et al. **J Bacteriol** 1985 Mar; 161(3):1103–11

Regulation of naphthalene catabolic genes of plasmid NAH7. Yen KM, et al. **J Bacteriol** 1985 Jun;162(3):1008–13

Isolation and characterization of transposon Tn5-induced mutants of Pseudomonas perfectomarina defective in nitrous oxide respiration. Zumft WG, et al. **J Bacteriol** 1985 Sep;163(3):918–24

Expression of the Pseudomonas gene coding for carboxypeptidase G2 in Saccharomyces cerevisiae. Clarke LE, et al. **J Gen Microbiol** 1985 Apr;131 (Pt 4):897–903

Chromosomal map of Pseudomonas putida PPN, and a comparison of gene order with the Pseudomonas aeruginosa PAO chromosomal map. Morgan AF, et al. **J Gen Microbiol** 1985 Apr;131 (Pt 4):885–96

Transferable amikacin and cefamandole resistance: Pseudomonas maltophilia and Acinetobacter strains as possible reservoirs of R plasmids. Krčméry V, et al. **J Hyg Epidemiol Microbiol Immunol** 1985;29(2):141–6

Identification of the promoter of the Pseudomonas gene coding for carboxypeptidase G2. Minton NP, et al. **J Mol Appl Genet** 1985;3(1):26–35

DNA synthesis in Pseudomonas acidovorans infected with mutants of bacteriophage luminal diameterW-14 defective in the synthesis of alpha-putrescinylthymine. Miller PB, et al. **J Virol** 1984 Dec;52(3):1036–8

Transposon donor plasmids, based on CoIIb-P9, for use in Pseudomonas putida and a variety of other gram negative bacteria. Boulnois GJ, et al. **MGG** 1985;200(1):65–7

Conjugal transfer of E. coli F'lac from Erwinia chrysanthemi to Pseudomonas syringae pv. glycinea and the apparent stable incorporation of the plasmid into the pv. glycinea chromosome. Leary JV, et al. **MGG** 1984;198(1):125–7

Reversal by DNA amplifications of an unusual mutation blocking alkane and alcohol utilization in Pseudomonas putida. McBeth DL, et al. **MGG** 1984;197(3):384–91

Physical structure, genetic content and expression of the alkBAC operon. Owen DJ, et al. **MGG** 1984;197(3):373–83

Characterization of eight excision plasmids of Pseudomonas syringae pv. phaseolicola. Szabo LJ, et al. **MGG** 1984; 195(1–2):90–5

Insertion mutations in the promiscuous IncP-1 plasmid R18 which affect its host range between Pseudomonas species. Krishnapillai V, et al. **Plasmid** 1984 Nov;12(3):170–80

A vehicle for the introduction of transposons into plant-associated pseudomonads. Lam ST, et al. **Plasmid** 1985 May;13(3):200–4

Genes specifying degradation of 3-chlorobenzoic acid in plasmids pAC27 and pJP4. Ghosal D, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1638–42

[Resistance to organic tin compounds mediated by plasmids of bacteria of Pseudomonas genus] Anisimova LA, et al. **Antibiot Med Biotekhnol** 1985 May;30(5):337–41 (Eng. Abstr.) **(Rus)**

[Spectrophotometric method of assessing molecular DNA-DNA hybridization applicable to bacteria of the genus Pseudomonas] Levanova GF, et al. **Biol Nauki** 1984; (8):23–6 (Eng. Abstr.) **(Rus)**

[Effective method of transduction with virulent phage pf16 using specific mutants of Pseudomonas putida PpG1] Gorbunova SA, et al. **Genetika** 1985 May;21(5):872–4 (Eng. Abstr.) **(Rus)**

[Plasmids for naphthalene biodegradation incompatible with IncP-2 and IncP-7 group plasmids] Kochetkov VV, et al. **Genetika** 1985 Apr;21(4):522–9 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Fish flesh agar medium––a suitable experimental medium for the detection of spoilage bacteria. Chandrasekaran M, et al. **Antonie Van Leeuwenhoek** 1985;51(2):219–25

Selective medium for Pseudomonas cepacia containing 9-chloro-9-(4-diethylaminophenyl)-10-phenylacridan and polymyxin B sulfate. Wu BJ, et al. **Appl Environ Microbiol** 1984 Oct;48(4):743–6

IMMUNOLOGY

Anti-Pseudomonas immunoglobulin. IV. Combined anti-Pseudomonas immunoglobulin and Pseudomonas vaccine immunotherapy of burned patients––clinical investigations. Sakiel S, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(5):523–8

Structural studies of the O-antigen of the lipopolysaccharide from an avirulent strain (M4S) of Pseudomonas solanacearum. Akiyama Y, et al. **Carbohydr Res** 1984 Oct 15;133(2):289–96

Non-destructive determination of the monosaccharide composition and the structure of the O-specific polysaccharide of Pseudomonas cepacia. Shashkov AS, et al. **Carbohydr Res** 1984 Oct 15;133(2):C9–11

[Antigenic bacterial polysaccharides. 13. The structure of the O-specific polysaccharide chain of the lipopolysaccharide from Pseudomonas cepacia strain IMV 4137] Knirel' IuA, et al. **Bioorg Khim** 1985 Apr;11(4):536–8 (Eng. Abstr.) **(Rus)**

[Antigenic composition and the serological diagnosis of Pseudomonas pseudomallei] Kovalev GK. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May;(5):109–17 (59 ref.) **(Rus)**

ISOLATION & PURIFICATION

Pseudomonas mesophilica and an unnamed taxon, clinical isolates of pink-pigmented oxidative bacteria. Gilardi GL, et al. **J Clin Microbiol** 1984 Oct;20(4):626–9

Isolation medium for the recovery of Pseudomonas cepacia from respiratory secretions of patients with cystic fibrosis. Gilligan PH, et al. **J Clin Microbiol** 1985 Jul;22(1):5–8

Pseudomonas paucimobilis peritonitis in patients treated by peritoneal dialysis. Glupczynski Y, et al. **J Clin Microbiol** 1984 Dec;20(6):1225–6

Association of Pseudomonas maltophilia with malignant lesions. Nagai T. **J Clin Microbiol** 1984 Nov;20(5):1003–5

Pseudomonas cepacia septicemia in patients with burns: report of two cases. Brauner A, et al. **Scand J Infect Dis** 1985;17(1):63–6

Pseudomonas pseudomallei in southern Thailand. Nachiangmai N, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar; 16(1):83–7

[Amino acid composition of white poultry meat contaminated with psychotropic microorganisms of the genus Pseudomonas] Ivanova S, et al. **Vet Med Nauki** 1984; 21(9):99–105 (Eng. Abstr.) **(Bul)**

[Incidence of Pseudomonas sp., Staphylococcus sp. and Candida sp. in a high-risk population] Mancini C, et al. **Boll Ist Sieroter Milan** 1985;64(2):103–8 (Eng. Abstr.) **(Ita)**

[Evaluation of results in the identification of various aerobic gram-negative bacteria in selected bacteriological laboratories in Poland] Kałużewski S, et al. **Med Dosw Mikrobiol** 1984;36(3):153–77 (Eng. Abstr.) **(Pol)**

[Identification of Pseudomonas and other similar gram-negative non-glucose-fermenting bacteria using a minimal number of tests] Degtiar NV, et al. **Lab Delo** 1985; (5):311–4 (Eng. Abstr.) **(Rus)**

METABOLISM

Interaction between bacterial metabolites and some pesticides. I. Interaction between the phenolic compounds produced by Pseudomonas acidovorans and the herbicide Venzar. Kosinkiewicz B. **Acta Microbiol Pol** 1984; 33(2):103–10

Alternative pathways of carbohydrate utilization in pseudomonads. Lessie TG, et al. **Annu Rev Microbiol** 1984; 38:359–88 (151 ref.)

2-Chloro-4-amino-1,3,5-triazine-6(5H)-one: a new intermediate in the biodegradation of chlorinated s-triazines. Grossenbacher H, et al. **Appl Environ Microbiol** 1984 Aug;48(2):451–3

Mixed carbon source utilization of meat-spoiling Pseudomonas fragi 72 in relation to oxygen limitation and carbon dioxide inhibition. Molin G. **Appl Environ Microbiol** 1985 Jun;49(6):1442–7

Plasmid-borne Tn5 insertion mutation resulting in accumulation of gentisate from salicylate. Monticello DJ, et al. **Appl Environ Microbiol** 1985 Apr;49(4):761–4

Plasmid-mediated degradation of dibenzothiophene by Pseudomonas species. Monticello DJ, et al. **Appl Environ Microbiol** 1985 Apr;49(4):756–60

Effects of dissolved organic carbon and second substrates on the biodegradation of organic compounds at low concentrations. Schmidt SK, et al. **Appl Environ Microbiol** 1985 Apr;49(4):822–7

Incorporation of [18O]water into 4-hydroxybenzoic acid in the reaction of 4-chlorobenzoate dehalogenase from pseudomonas spec. CBS 3. Müller R, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):178–82

The active transport of 2-keto-D-gluconate in vesicles prepared from Pseudomonas purida. Agbanyo F, et al. **Biochem J** 1985 May 15;228(1):257–62

Catabolism of arylglycerol-beta-aryl ethers lignin model compounds by Pseudomonas cepacia 122. Odier E, et al. **Biochimie** 1985 Feb;67(2):191–7

Metabolism of alpha-terpineol by Pseudomonas incognita. Madyastha KM, et al. **Can J Microbiol** 1984 Dec; 30(12):1429–36

Thiotropocin, a new sulfur-containing 7-membered-ring antibiotic produced by a Pseudomonas sp. Kintaka K, et al. **J Antibiot (Tokyo)** 1984 Nov;37(11):1294–300

Volatile compounds associated with the aerobic growth of some Pseudomonas species on beef. Dainty RH, et al. **J Appl Bacteriol** 1984 Aug;57(1):75–81

Regulation of syringomycin synthesis in Pseudomonas syringae pv. syringae and defined conditions for its production. Gross DC. **J Appl Bacteriol** 1985 Feb; 58(2):167–74

Transport of mevalonate by Pseudomonas sp. strain M. Gill JF Jr, et al. **J Bacteriol** 1984 Oct;160(1):294–8

Enzymatic release of halogens or methanol from some substituted protocatechuic acids. Kersten PJ, et al. **J Bacteriol** 1985 May;162(2):693–7

Oxidation and dehalogenation of 4-chlorophenylacetate by a two-component enzyme system from Pseudomonas sp. strain CBS3. Markus A, et al. **J Bacteriol** 1984 Nov; 160(2):618–21

Anaerobic degradation of 2-fluorobenzoate by benzoate-degrading, denitrifying bacteria. Schennen U, et al. **J Bacteriol** 1985 Jan;161(1):321–5

Mevalonate utilization in Pseudomonas sp. M. Purification and characterization of an inducible 3-hydroxy-3-methylglutaryl coenzyme A reductase. Gill JF Jr, et al. **J Biol Chem** 1985 Aug 5;260(16):9393–8

Regulation of 3-indoleacetic acid production in Pseudomonas syringae pv. savastanoi. Purification and properties of tryptophan 2-monooxygenase. Hutcheson SW, et al. **J Biol Chem** 1985 May 25;260(10):6281–7

Solid-state NMR determination of glyphosate metabolism in a Pseudomonas sp. Jacob GS, et al. **J Biol Chem** 1985 May 25;260(10):5899–905

Scintillation and autoradiographic studies on 63 nickel uptake in Pseudomonas tabaci. Al-Rabaee RH, et al. **J Cell Sci** 1984 Jul;69:87–105

A method for the synthesis of [14C]-kynurenine. Bild G, et al. **Prep Biochem** 1984;14(4):363–72

Phenolic 9,10-secosteroids as products of the catabolism of bile acids by a Pseudomonas sp. Park RJ. **Steroids** 1984 Aug;44(2):175–93

Production of four interfacial active rhamnolipids from n-alkanes or glycerol by resting cells of Pseudomonas species DSM 2874. Syldatk C, et al. **Z Naturforsch [C]** 1985 Jan–Feb;40(1–2):61–7

Chemical and physical characterization of four interfacial-active rhamnolipids from Pseudomonas spec. DSM 2874 grown on n-alkanes. Syldatk C, et al. **Z Naturforsch [C]** 1985 Jan–Feb;40(1–2):51–60

[Bacteriocins of species of the genus Pseudomonas] Smirnov VV, et al. **Antibiotiki** 1984 Oct;29(10):730–5 (Eng. Abstr.) **(Rus)**

[Use of molecular sulfur as an agent oxidizing H2 by a facultative anaerobic Pseudomonas strain] Balashova VV. **Mikrobiologiia** 1985 Mar–Apr;54(2):324–6 (Eng. Abstr.) **(Rus)**

[Oxidation of alpha-methylstyrene by Pseudomonas cultures] Dzhusupova DB, et al. **Mikrobiologiia** 1985 Jan–Feb; 54(1):136–40 (Eng. Abstr.) **(Rus)**

[Kinetic principles of the process of formaldehyde biodegradation] Leonova VE, et al. **Mikrobiologiia** 1985 Jan–Feb;54(1):146–51 (Eng. Abstr.) **(Rus)**

[Chemical nature of the autoregulating factor d1 in Pseudomonas carboxydoflava] Osipov GA, et al. **Mikrobiologiia** 1985 Mar–Apr;54(2):186–90 (Eng. Abstr.) **(Rus)**

PATHOGENICITY

Trafficking of Pseudomonas exotoxin A in mammalian cells. Saelinger CB, et al. **Eur J Clin Microbiol** 1985 Apr; 4(2):170–4

PHYSIOLOGY

Biological and clinical aspects of Pseudomonas. Abstracts. Netherlands Society for Microbiology. Antwerp, 14 April 1983. **Antonie Van Leeuwenhoek** 1984;50(3):281–303

Aromatic acids are chemoattractants for Pseudomonas putida. Harwood CS, et al. **J Bacteriol** 1984 Nov; 160(2):622–8

TOL plasmid can prevent induction of chemotactic responses to aromatic acids. Harwood CS, et al. **J Bacteriol** 1984 Nov;160(2):797–800

[Effect of preservation conditions on the diagnostic traits of Pseudomonas aeruginosa, P. fluorescens and P. putida] Arkad'eva ZA, et al. **Biol Nauki** 1984;(8):86–8 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

[Carotenoid pigments and the enhanced resistance of Pseudomonas methanolica to the action of ultraviolet radiation] Naumov GN, et al. **Mikrobiologiia** 1984 Sep–Oct; 53(5):861–3 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Mitochondrial origins. Yang D, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4443–7

PSEUDOMONAS AERUGINOSA

Pseudomonas aeruginosa: new therapeutic approaches from basic research. **Antibiot Chemother** 1985;36:1–176

Effect of pH, application technique, and chlorine-to-nitrogen ratio on disinfectant activity of inorganic chloramines with pure culture bacteria. Ward NR, et al. **Appl Environ Microbiol** 1984 Sep;48(3):508–14

Effects of different bacterial endotoxins on the drinking behaviour of the rat. Foca' A, et al. **G Batteriol Virol Immunol** 1984 Jan–Jun;77(1–6):9–18

Effects of Pseudomonas aeruginosa cytotoxin on human serum and granulocytes and their microbicidal, phagocytic, and chemotactic functions. Baltch AL, et al. **Infect Immun** 1985 May;48(2):498–506

Pseudomonas aeruginosa cytotoxin stimulates prostacyclin production in cultured pulmonary artery endothelial cells: membrane attack and calcium influx. Suttorp N, et al. **J Cell Physiol** 1985 Apr;123(1):64–72

Polyclonal B cell stimulation and interleukin 1 induction by the mucoid exopolysaccharide of Pseudomonas aeruginosa associated with cystic fibrosis. Daley L, et al. **J Immunol** 1985 May;134(5):3089–93

Terminology relating to extracellular polysaccharides produced by Pseudomonas aeruginosa [letter] Pier GB. **J Infect Dis** 1985 Sep;152(3):652

Basic characterization of a Pseudomonas aeruginosa PAO1 bacteriophage. Patel IR, et al. **Microbios** 1985;42(167):7–16

Effect of bacterial products on human ciliary function in vitro. Wilson R, et al. **Thorax** 1985 Feb;40(2):125–31

[The effect of calcium antagonists on intracellular transport of epidermal growth factor and the conjugate of epidermal growth factor with pseudomonas exotoxin] Akiyama S. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):660–8 (Eng. Abstr.) **(Jpn)**

[Distribution of microorganisms lysing Pseudomonas aeruginosa and Staphylococcus aureus in the system of sewage waters] Seliavko AV, et al. **Biol Nauki** 1985; (4):84–8 (Eng. Abstr.) **(Rus)**

[Antimicrobial properties of acupuncture needles] Gaponiuk PIa, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep–Oct;(5):47–9 (Eng. Abstr.) **(Rus)**

[Pseudomonas aeruginosa toxoid] Ianishevskaia MN. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):27–32 (Eng. Abstr.) **(Rus)**

[The genus Pseudomonas: new aspects of an old problem] Kalina GP. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May; (5):91–8 (69 ref.) **(Rus)**

ANALYSIS

Structure and functions of Pseudomonas aeruginosa lipopolysaccharide. Kropinski AM, et al. **Antibiot Chemother** 1985;36:58–73

Studies on the primary structure and antigenic determinants of pilin isolated from Pseudomonas aeruginosa K. Sastry PA, et al. **Can J Biochem Cell Biol** 1985 Apr;63(4):284–91

The purification and chemical characterisation of the alginate present in extracellular material produced by mucoid strains of Pseudomonas aeruginosa. Sherbrock-Cox V, et al. **Carbohydr Res** 1984 Dec 15;135(1):147–54

Pseudomonas lectin PA-I detects hybrid product of blood group AB genes in saliva. Gilboa-Garber N, et al. **Experientia** 1985 May 15;41(5):681–2

Purification and characterization of pyocins from Pseudomonas aeruginosa. Al-Shibib A, et al. **Folia Microbiol (Praha)** 1985;30(1):25–9

Electrophoretic separation and molecular weight characterization of Pseudomonas aeruginosa H-antigen flagellins. Allison JS, et al. **Infect Immun** 1985 Sep; 49(3):770–4

Siderophore activity of pyoverdin for Pseudomonas aeruginosa. Cox CD, et al. **Infect Immun** 1985 Apr; 48(1):130–8

A selenomethionine-containing azurin from an auxotroph of Pseudomonas aeruginosa. Frank P, et al. **J Biol Chem** 1985 May 10;260(9):5518–25

Measurement of human antibody activity against Escherichia coli and Pseudomonas aeruginosa using formalin treated whole organisms in an ELISA technique. Cost KM, et al. **J Immunoassay** 1985;6(1–2):23–43

CLASSIFICATION

Characterization of Pseudomonas aeruginosa isolated from drinking water by serogrouping, phage sensitivity and pyocin pattern. Kiss P, et al. **Acta Microbiol Hung** 1985; 32(1):99–106

Water supply as a source of Pseudomonas aeruginosa in a hospital for hematological malignancies. Martino P, et al. **Boll Ist Sieroter Milan** 1985;64(2):109–14

Differentiation of Pseudomonas aeruginosa and Enterobacteriaceae in direct smears based on measurements by scanning electron microscopy. Bartlett RC, et al. **Diagn Microbiol Infect Dis** 1985 Mar;3(2):143–7

Lactate dehydrogenase isoenzymes as a new tool for classifying clinical isolates of Pseudomonas aeruginosa. Palav VD, et al. **Indian J Med Res** 1984 Nov;80:516–20

Comparison of sero-aeruginocine-phage typing of Pseudomonas aeruginosa. Rukmini Devi K, et al. **Indian J Pathol Microbiol** 1984 Oct;27(4):281–8

Pseudomonas aeruginosa infection-evidences of amphixenosis. Pajnoo JL, et al. **Int J Zoonoses** 1984 Jun; 11(1):39–44

Further research on the classification of mucoid strains of Pseudomonas aeruginosa [letter] Boyce JR, et al. **J Clin Microbiol** 1984 Sep;20(3):603

[Serotype distribution of Pseudomonas aeruginosa. Comparative studies of nosocomial and community strains] Chao HP, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1985 Feb;18(1):37–43 (Eng. Abstr.) **(Chi)**

[The serotypes of 192 strains of Pseudomonas aeruginosa isolated from burn patients] Zhang YP. **Chung Hua Wai Ko Tsa Chih** 1984 Aug;22(8):459–60, 509 (Eng. Abstr.) **(Chi)**

[Personal experience with the typing of Pseudomonas aeruginosa using SEVAC typing sera] Toršová V, et al. **Cesk Epidemiol Mikrobiol Imunol** 1984 Nov;33(6):356–61 (Eng. Abstr.) **(Cze)**

[Is there a geographic epidemiology of serogroups O of Pseudomonas aeruginosa?] Vieu JF, et al. **Bull Soc Pathol Exot Filiales** 1984 May–Jun;77(3):288–94 (Eng. Abstr.) **(Fre)**

[Methods of increasing the efficiency of the serological grouping of Pseudomonas aeruginosa] Akatova NS, et al. **Lab Delo** 1984;(12):746–50 (Eng. Abstr.) **(Rus)**

[Mechanism of identification tests for Pseudomonas aeruginosa and their simplified modifications] Kalina GP. **Lab Delo** 1985;(4):228–30 (Eng. Abstr.) **(Rus)**

[New Pseudomonas aeruginosa pyocinotypes in childhood infections] Carvajal G, et al. **Bol Of Sanit Panam** 1985 Feb; 98(2):156–63 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Prophage induction by liver microsomal metabolites of aflatoxin B1 in lysogenic Pseudomonas aeruginosa. Patel IR, et al. **Acta Microbiol Hung** 1984;31(4):359–64

Antibacterial activity in vitro and regression studies for ceftazidime and ceftriaxone. Frimodt-Møller N, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Jun; 93(3):181–8

An evaluation of antipseudomonal antimicrobic agents. Gilbert DN. **Antibiot Chemother** 1985;36:111–33 (57 ref.)

Comparative in vitro activities of enoxacin (CI-919, AT-2266) and eleven antipseudomonal agents against aminoglycoside-susceptible and -resistant Pseudomonas aeruginosa strains. Bassey CM, et al. **Antimicrob Agents Chemother** 1984 Sep;26(3):417–8

Imipenem antagonism of the in vitro activity of piperacillin against Pseudomonas aeruginosa. Bertram MA, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):272–4

Impact of netilmicin regimens on the activities of ceftazidime-netilmicin combinations against Pseudomonas aeruginosa in an in vitro pharmacokinetic model. Blaser J, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):64–8

Lipopolysaccharide changes in impermeability-type aminoglycoside resistance in Pseudomonas aeruginosa. Bryan LE, et al. **Antimicrob Agents Chemother** 1984 Aug; 26(2):250–5

Effects of azlocillin in combination with clavulanic acid, sulbactam, and N-formimidoyl thienamycin against beta-lactamase-producing, carbenicillin-resistant Pseudomonas aeruginosa. Calderwood SB, et al. **Antimicrob Agents Chemother** 1982 Aug;22(2):266–71

Correlation between lipopolysaccharide structure and permeability resistance in beta-lactam-resistant Pseudomonas aeruginosa. Godfrey AJ, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):181–6

Resistance of Pseudomonas aeruginosa to new beta-lactamase-resistant beta-lactams. Godfrey AJ, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):485–8

Activity of apalcillin against Pseudomonas aeruginosa. Hollick GE, et al. **Antimicrob Agents Chemother** 1984 Sep; 26(3):408–9

Comparative in vitro evaluation of cefpimizole (U-63196E), a new antipseudomonal cephalosporin. LeFrock JL, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):133–7

Use of the fluorescent probe 1-N-phenylnaphthylamine to study the interactions of aminoglycoside antibiotics with the outer membrane of Pseudomonas aeruginosa. Loh B, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):546–51

Evidence for two distinct mechanisms of resistance to polymyxin B in Pseudomonas aeruginosa. Moore RA, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):539–45

In vitro activities of Ro 17-2301 and aztreonam compared with those of other new beta-lactam antibiotics against clinical isolates of Pseudomonas aeruginosa. Ng WW, et al. **Antimicrob Agents Chemother** 1985 May;27(5):872–3

Tobramycin resistance of Pseudomonas aeruginosa cells growing as a biofilm on urinary catheter material. Nickel JC, et al. **Antimicrob Agents Chemother** 1985 Apr; 27(4):619–24

Resistance of Pseudomonas aeruginosa PAO to nalidixic acid and low levels of beta-lactam antibiotics: mapping of chromosomal genes. Rella M, et al. **Antimicrob Agents Chemother** 1982 Aug;22(2):242–9

Carbenicillin resistance of Pseudomonas aeruginosa. Rodríguez-Tebar A, et al. **Antimicrob Agents Chemother** 1982 Aug;22(2):255–61

In vitro antibacterial activities of antibiotics against Pseudomonas aeruginosa in peritoneal dialysis fluid. Shalit I, et al. **Antimicrob Agents Chemother** 1985 Jun;27(6):908–11

Synergistic activities of combinations of beta-lactams, fosfomycin, and tobramycin against Pseudomonas aeruginosa. Takahashi K, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):789–91

Imipenem-induced resistance to antipseudomonal beta-lactams in Pseudomonas aeruginosa. Tausk F, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):41–5

In vitro comparison of amifloxacin and six other antibiotics against aminoglycoside-resistant Pseudomonas aeruginosa. Thompson KD, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):275–6

Effect of aztreonam in combination with azlocillin or piperacillin on Pseudomonas aeruginosa. Wu DH, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):519–21

In vitro studies of investigational beta-lactams as possible therapy for Pseudomonas aeruginosa endocarditis. Zar FA, et al. **Antimicrob Agents Chemother** 1985 Jan;27(1):1–3

In vitro susceptibility of gentamicin-resistant Enterobacteriaceae and Pseudomonas aeruginosa to aminoglycoside antibiotics. Ramírez-Ronda CH, et al. **Bol Asoc Med PR** 1983 Jul;75(7):305–7

Activity of some antibiotics against Pseudomonas aeruginosa strains isolated from cancerous patients. Del Piano M, et al. **Boll Ist Sieroter Milan** 1984 Jul 31;63(3):181–7

Chemical alterations in cell envelopes of Pseudomonas aeruginosa upon exposure to polymyxin: a possible mechanism to explain adaptive resistance to polymyxin. Gilleland HE Jr, et al. **Can J Microbiol** 1984 Jul; 30(7):869–73

Cephalosporin resistance in Pseudomonas aeruginosa, with special reference to the proposed trapping of antibiotics by beta-lactamase. Livermore DM, et al. **Chemioterapia** 1985 Feb;4(1):28–35

beta-Lactamases of Pseudomonas aeruginosa and susceptibility against beta-lactam antibiotics. Thabaut A, et al. **Chemioterapia** 1985 Feb;4(1):36–42

Comparative in vitro activity of aztreonam, other beta-lactam antibiotics and aminoglycosides against Pseudomonas aeruginosa. Venditti M, et al. **Chemioterapia** 1984 Aug;3(4):258–61

Comparative antibacterial activities of new beta-lactam antibiotics against Pseudomonas aeruginosa. Fernandes CJ, et al. **Chemotherapy** 1985;31(4):292–6

Influence of aminoglycoside usage on susceptibilities. Flournoy DJ. **Chemotherapy** 1985;31(3):178–80

Latamoxef in combination with aminoglycosides against Pseudomonas aeruginosa: similarity with ticarcillin. Sears SD, et al. **Chemotherapy** 1985;31(2):102–11

Antibacterial activity of temocillin in combination with other beta-lactam antibiotics. Verbist L, et al. **Drugs** 1985;29 Suppl 5:32–7

In vitro activity of azthreonam and Ro 17-2301 against multiresistant Pseudomonas aeruginosa strains [letter] Campos P, et al. **Eur J Clin Microbiol** 1985 Feb;4(1):71–2

Time course of the pharmacological response to beta-lactam antibiotics in vitro and in vivo. Gerber AU, et al. **Eur J Clin Microbiol** 1984 Dec;3(6):592–7

Influence of subinhibitory concentrations of antibiotics on opsonization and phagocytosis of Pseudomonas aeruginosa by human polymorphonuclear leukocytes. Milatovic D. **Eur J Clin Microbiol** 1984 Aug;3(4):288–93

Antibiotic resistance of Pseudomonas aeruginosa colonizing a urinary catheter in vitro. Nickel JC, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):213–8

In vitro activity of ciprofloxacin, azthreonam and ceftazidime against Serratia marcescens and Pseudomonas aeruginosa [letter] Righter J. **Eur J Clin Microbiol** 1984 Aug;3(4):368–9

In vitro pyocin activity of Pseudomonas aeruginosa strains pretreated with antibiotics. Al-Ani FY, et al. **Folia Microbiol (Praha)** 1985;30(4):349–52

Drug resistant plasmids of Pseudomonas aeruginosa. Pai SR, et al. **Indian J Med Res** 1984 Nov;80:521–7

The in vitro activity and beta-lactamase stability of cefpirome (HR 810), a pyridine cephalosporin agent active against staphylococci, Enterobacteriaceae and Pseudomonas aeruginosa. Neu HC, et al. **Infection** 1985 May–Jun; 13(3):146–55

Synergistic activity of astromicin and beta-lactam antibiotics against Pseudomonas aeruginosa in vitro and in vivo. Kitaura K, et al. **J Antibiot (Tokyo)** 1984 Dec;37(12):1681–6

Mutation of Pseudomonas aeruginosa to piperacillin resistance mediated by beta-lactamase production. Bell SM, et al. **J Antimicrob Chemother** 1985 Jun;15(6):665–70

In-vitro activity of norfloxacin against Enterobacteriaceae and Pseudomonas aeruginosa [letter] García-Rodríguez JA, et al. **J Antimicrob Chemother** 1984 Aug;14(2):192–3

In-vivo assessment of in-vitro killing patterns of Pseudomonas aeruginosa. Gerber AU, et al. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:201–6

Comparison between the in-vitro activity of new agents on Pseudomonas aeruginosa isolates from cystic fibrosis patients and other chronic infections. Gordts B, et al. **J Antimicrob Chemother** 1984 Jul;14(1):25–9

Post-MIC effect of fosfomycin on Pseudomonas aeruginosa in vitro and in experimentally infected mice. Haag R. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:265–71

Pseudomonas aeruginosa beta-lactamase as a defence against azlocillin, mezlocillin and piperacillin. Jacobs JY, et al. **J Antimicrob Chemother** 1984 Sep;14(3):221–9

In-vitro activity of ciprofloxacin and other antibacterial agents against Pseudomonas aeruginosa and Pseudomonas cepacia from cystic fibrosis patients. Klinger JD, et al. **J Antimicrob Chemother** 1985 Jun;15(6):679–84

Comparative in-vitro activities of azlocillin, ticarcillin and ticarcillin plus clavulanic acid against Staphylococcus aureus, Klebsiella pneumoniae and Pseudomonas aeruginosa. Lagast H, et al. **J Antimicrob Chemother** 1985 May;15(5):633–6

Computer-controlled in-vitro simulation of multiple dosing regimens. Ledergerber B, et al. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:169–73

Enoxacin-induced alteration of susceptibility of pneumococci and Pseudomonas to phagocytosis by human polymorphonuclear leukocytes. Pruul H, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl C:19–31

National survey of antibiotic resistance in Pseudomonas aeruginosa. Williams RJ, et al. **J Antimicrob Chemother** 1984 Jul;14(1):9–16

Use of an in-vitro kinetic model to study antibiotic combinations. Zinner SH, et al. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:221–6

Selective survival in pentazocine and tripelennamine of Pseudomonas aeruginosa serotype O11 from drug addicts. Botsford KB, et al. **J Infect Dis** 1985 Feb;151(2):209–16

Biphasic, concentration-dependent and rate-limited, concentration-independent bacterial killing by an aminoglycoside antibiotic. MacArthur RD, et al. **J Infect Dis** 1984 Nov;150(5):778–9

In vitro activity of ceftazidime and other beta-lactam antibiotics against nosocomial strains of Pseudomonas aeruginosa. Santos Ferreira MO, et al. **J Int Med Res** 1984; 12(6):356–60

Penicillin-binding proteins, porins and outer-membrane permeability of carbenicillin-resistant and -susceptible strains of Pseudomonas aeruginosa. Livermore DM. **J Med Microbiol** 1984 Oct;18(2):261–70

Antibiotic susceptibility patterns of mastitis pathogens isolated from Bloemfontein dairy herds. Swartz R, et al. **J S Afr Vet Assoc** 1984 Dec;55(4):187–93

Ciprofloxacin-resistant Pseudomonas [letter] Roberts CM, et al. **Lancet** 1985 Jun 22;1(8443):1442

In vitro susceptibilities of mucoid Pseudomonas aeruginosa isolates from cystic fibrosis patients against azthreonam, netilmicin and piperacillin. Flournoy DJ, et al. **Methods Find Exp Clin Pharmacol** 1984 Sep;6(9):487–9

Spread of multiresistant gram-negative bacilli among severely immuno-compromised mice during prophylactic treatment with different oral antimicrobial drugs. van der Waaij D, et al. **Prog Clin Biol Res** 1985;181:245–50

Benzethonium chloride resistance in Pseudomonas aeruginosa isolated from clinical lesions. Nakahara H, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug; 257(3):409–13

The synergism between cetrimide and antibiotics against Pseudomonas aeruginosa. el-Nima EI. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Oct; 258(1):120–7

[In vitro study of the effects of a ticarcillin-clavulanic acid combination on Pseudomonas aeruginosa as a function of resistant phenotypes] Thabaut A, et al. **Pathol Biol (Paris)** 1985 May;33(5):408–11 (Eng. Abstr.) **(Fre)**

[Comparative study of the sensitivity of Enterobacteriaceae and Pseudomonas aeruginosa with 4 aminoglycosides] Turgeon P, et al. **Union Med Can** 1984 Jun;113(6):522–4 (Eng. Abstr.) **(Fre)**

[In-vitro activity of new beta-lactam antibiotics. Testing resistant enterobacteria and pseudomonas aeruginosa strains] Rosenthal E. **Fortschr Med** 1984 Nov 8; 102(41):1051–2 (Eng. Abstr.) **(Ger)**

[Comparison of the in vitro activity of ceftazidime: in culture, in serum and in combination with granulocytes] Daschner FD, et al. **Immun Infekt** 1983 Nov;11(6):221–8 (Eng. Abstr.) **(Ger)**

[Comparative antibacterial activity of piperacillin against Pseudomonas aeruginosa, Escherichia coli and Streptococcus faecalis in cultures and human serum] Just HM, et al. **Immun Infekt** 1985 May;13(3):119–23 (Eng. Abstr.) **(Ger)**

[Bactericidal activity of azlocillin against Pseudomonas aeruginosa in human serum (letter)] Just HM, et al. **Infection** 1984 Nov–Dec;12(6):405–6 **(Ger)**

[Enhanced formation of plaque in RNA phages/bacteria systems under the effect of surface-active preparations] Menzel G. **J Basic Microbiol** 1985;25(1):43–9 (Eng. Abstr.) **(Ger)**

[Determination of material-dependent germ multiplication in the stand test] Niessen J, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec; 180(1):85–94 (Eng. Abstr.) **(Ger)**

[Preparation and properties of chlorination-damaged P. aeruginosa suspensions] Schubert R, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Oct; 179(5):449–56 (Eng. Abstr.) **(Ger)**

[Comparative activity of dibekacin and several cephalosporins on Pseudomonas aeruginosa] Carlone NA, et al. **G Batteriol Virol Immunol** 1983 Jul–Dec; 76(7–12):246–56 (Eng. Abstr.) **(Ita)**

[Antipseudomonal activities of new cephem antibiotics] Ohkoshi M. **Hinyokika Kiyo** 1984 Apr;30(4):437–48 (24 ref.) (Eng. Abstr.) **(Jpn)**

[In vitro combination effects of astromicin and beta-lactam antibiotics against Pseudomonas aeruginosa. In vitro synergistic activities] Iyama Y, et al. **Jpn J Antibiot** 1985 Apr;38(4):1022–8 (Eng. Abstr.) **(Jpn)**

[Clinical laboratory approach for estimating effective administrative dose of cefsulodin] Uete T, et al. **Jpn J Antibiot** 1984 Sep;37(9):1652–60 (Eng. Abstr.) **(Jpn)**

[Effect of 5-iodo-2'-deoxyuridine on the antibacterial activity of antibiotics] Ooishi M, et al. **Nippon Ganka Gakkai Zasshi** 1984 Nov;88(11):1409–11 (Eng. Abstr.) **(Jpn)**

[Combined effect of cefotaxime and aminoglycoside antibiotics on Pseudomonas strains and group D streptococci] Linda H, et al. **Med Dosw Mikrobiol** 1984; 36(4):223–9 (Eng. Abstr.) **(Pol)**

[Synergistic effect of new beta-lactam antibiotics, clavulanic acid and dibekacin on pathogenic microorganisms] Jastalska D, et al. **Pol Tyg Lek** 1984 Oct 22;39(43):1415–8 (Eng. Abstr.) **(Pol)**

[Sensitivity of bacterial strains isolated from the urine in relation to type and frequency of use of antibacterial drugs (1972–1975, 1979–1981)] Wencel J, et al. **Pol Tyg Lek** 1984 Jul 9;39(28):951–5 **(Pol)**

[Gentamicin resistance in clinical strains of microorganisms: genetic control and biochemical mechanisms of resistance] Abadzhieva AN, et al. **Antibiot Med Biotekhnol** 1985 Jan; 30(1):65–75 (102 ref.) **(Rus)**

[Tetracycline resistance controlled by plasmids of Pseudomonas aeruginosa with a wide spectrum of bacterial hosts] Kozlova EV, et al. **Antibiot Med Biotekhnol** 1985 Feb;30(2):83–6 (Eng. Abstr.) **(Rus)**

[Methods of evaluating the efficacy of combinations of aminoglycosides with penicillins and their value for the possibility of predicting the therapeutic effect in patients] Pozdniakova VP, et al. **Antibiot Med Biotekhnol** 1985 May; 30(5):369–75 (Eng. Abstr.) **(Rus)**

[Gram-negative conditionally pathogenic microflora in hospitals and its resistance to chloramine] Trukhina GM, et al. **Gig Sanit** 1985 May;(5):82–4 **(Rus)**

[A nutrient medium for detecting the metallic luster of Pseudomonas aeruginosa colonies] Kalina GP. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):26–33 (Eng. Abstr.) **(Rus)**

[In vitro activity of Ro 17-2301, a new monobactam antibiotic] Roy C, et al. **Med Clin (Barc)** 1985 Jun 29; 85(5):183–6 (Eng. Abstr.) **(Spa)**

[In vitro activity of cefotaxime (HR 756) compared with cephalexin, gentamycin and amikacin against Gram-negative bacteria and urinary infections] Silva J, et al. **Rev Med Chil** 1983 Jul;111(7):699–703 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Selective inhibition of the accumulation of extracellular proteases of Pseudomonas aeruginosa by gentamicin and tobramycin. Warren RL, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):468–72

A study of the oxidized form of Pseudomonas aeruginosa cytochrome c-551 peroxidase with the use of magnetic circular dichroism. Foote N, et al. **Biochem J** 1984 Oct 15;223(2):369–78

Electron-paramagnetic-resonance spectroscopy studies on the dissimilatory nitrate reductase from Pseudomonas aeruginosa. Godfrey C, et al. **Biochem J** 1984 Dec 1; 224(2):601–8

The nature of species prepared by photolysis of half-reduced, fully reduced and fully reduced carbonmonoxy-cytochrome c-551 peroxidase from Pseudomonas aeruginosa. Greenwood C, et al. **Biochem J** 1984 Oct 15;223(2):379–91

Quinoprotein alcohol dehydrogenase from ethanol-grown Pseudomonas aeruginosa. Groen B, et al. **Biochem J** 1984 Nov 1;223(3):921–4

Electron-paramagnetic-resonance studies of structure and function of the two-haem enzymes Pseudomonas cytochrome c peroxidase and beef heart cytochrome c oxidase. Vänngård T. **Biochem Soc Trans** 1985 Jun; 13(3):619–22

Solvent proton magnetic resonance dispersion in protocatechuate 3,4-dioxygenase and complexes with 3-halo-4-hydroxybenzoate inhibitors. Felton RH, et al. **Biochemistry** 1984 Aug 14;23(17):3955–9

Inhibition by phosphoramidon of Pseudomonas aeruginosa elastase injected intracorneally in rabbit eyes. Kessler E, et al. **Curr Eye Res** 1984 Aug;3(8):1075–8

Mechanisms of activation and secretion of a cell-associated precursor of an exocellular protease of Pseudomonas aeruginosa 34362A. Fecycz IT, et al. **Eur J Biochem** 1985 Jan 2;146(1):35–42

Monoclonal antibodies against species-specific cephalosporinase of Pseudomonas aeruginosa. Murakami K, et al. **Eur J Biochem** 1985 Feb 1;146(3):693–7

Role of Pseudomonas aeruginosa exoenzymes in lung infections of patients with cystic fibrosis. Döring G, et al. **Infect Immun** 1985 Sep;49(3):557–62

In vitro evidence that human airway lysozyme is cleaved and inactivated by Pseudomonas aeruginosa elastase and not by human leukocyte elastase. Jacquot J, et al. **Infect Immun** 1985 Feb;47(2):555–60

Specificity of beta-lactamase induction in Pseudomonas aeruginosa. Dalhoff A, et al. **J Antimicrob Chemother** 1984 Oct;14(4):349–57

Fructose 1,6-bisphosphate aldolase activity is essential for synthesis of alginate from glucose by Pseudomonas aeruginosa. Banerjee PC, et al. **J Bacteriol** 1985 Jan; 161(1):458–60

Isolation and characterization of an alginase from mucoid strains of Pseudomonas aeruginosa. Linker A, et al. **J Bacteriol** 1984 Sep;159(3):958–64

The reaction between NADPH and mercuric reductase from Pseudomonas aeruginosa. Sahlman L, et al. **J Biol Chem** 1984 Oct 25;259(20):12403–8

Simple method for collagenase determination in 38 Pseudomonas aeruginosa strains. Wellisch G, et al. **J Clin Microbiol** 1984 Nov;20(5):1020–1

IgG proteolytic activity of Pseudomonas aeruginosa in cystic fibrosis. Fick RB Jr, et al. **J Infect Dis** 1985 Apr; 151(4):589–98

PSE-4 beta lactamase: a serotype-specific enzyme in Pseudomonas aeruginosa. Livermore DM, et al. **J Med Microbiol** 1985 Feb;19(1):45–53

A site-specific endonuclease from Pseudomonas aeruginosa. Sokolov NN, et al. **Mol Biol Rep** 1985 Apr;10(3):159–61

Pseudomonas aeruginosa acid phosphatase and cholinesterase induced by choline and its metabolic derivatives may contain a similar anionic peripheral site. Lisa TA, et al. **Mol Cell Biochem** 1984 Sep;63(2):113–8

[Determining proteolytic enzyme inhibitors in human and animal sera. I. Description of the method] Schiller B, et al. **Med Dosw Mikrobiol** 1984;36(4):245–52 (Eng. Abstr.) **(Pol)**

GENETICS

Genetics of exopolysaccharide production by mucoid Pseudomonas aeruginosa. Ohman DE, et al. **Antibiot Chemother** 1985;36:13–22

Gas chromatographic assay for in vitro complementation of Pseudomonas aeruginosa mutants deficient in nitrate reduction. Hernandez D, et al. **Appl Environ Microbiol** 1985 Jan;49(1):24–7

Altered control of glutamate dehydrogenases in ornithine utilization mutants of Pseudomonas aeruginosa. Früh R, et al. **Arch Microbiol** 1985 Mar;141(2):170–6

Mutants of Pseudomonas aeruginosa unable to inactivate allantoinase and NADP-dependent glutamate dehydrogenase. Smits RA, et al. **Arch Microbiol** 1984 Nov; 140(1):40–3

Shuttle vector for Escherichia coli, Pseudomonas putida, and Pseudomonas aeruginosa. Lushnikov AA, et al. **Basic Life Sci** 1985;30:657–62

Replication determinants of the broad host-range plasmid RSF1010. Scholz P, et al. **Basic Life Sci** 1985;30:243–59

Cloning and sequencing of the Pseudomonas aeruginosa PAK pilin gene. Pasloske BL, et al. **FEBS Lett** 1985 Apr 22; 183(2):408–12

Orientation and expression of the cloned hemolysin gene of Pseudomonas aeruginosa. Ding J, et al. **Gene** 1985; 33(3):313–21

Transposon insertion mutagenesis of Pseudomonas aeruginosa with a Tn5 derivative: application to physical mapping of the arc gene cluster. Rella M, et al. **Gene** 1985; 33(3):293–303

Transcriptional organization of the Tra2 region controlling conjugational transfer of the narrow host range Pseudomonas aeruginosa plasmid R91-5. Moore RJ, et al. **Genet Res** 1985 Apr;45(2):119–25

Genome organization of the Pseudomonas aeruginosa narrow host range plasmid R91-5 determined by deletion and cloning analysis. Moore RJ, et al. **Genet Res** 1985 Apr; 45(2):195–8

Genetic mapping and characterization of Pseudomonas aeruginosa mutants that hyperproduce exoproteins. Björklind A, et al. **J Bacteriol** 1985 Jun;162(3):1329–31

Chromosomal mapping of mutations affecting glycerol and glucose catabolism in Pseudomonas aeruginosa PAO. Cuskey SM, et al. **J Bacteriol** 1985 Jun;162(3):872–80

Cloning of genes specifying carbohydrate catabolism in Pseudomonas aeruginosa and Pseudomonas putida. Cuskey SM, et al. **J Bacteriol** 1985 Jun;162(3):865–71

Cloning of Escherichia coli and Pseudomonas aeruginosa phosphomannose isomerase genes and their expression in alginate-negative mutants of Pseudomonas aeruginosa. Darzins A, et al. **J Bacteriol** 1985 Jan;161(1):249–57

Molecular cloning and characterization of the recA gene of Pseudomonas aeruginosa PAO. Kokjohn TA, et al. **J Bacteriol** 1985 Aug;163(2):568–72

Mutation in Pseudomonas aeruginosa causing simultaneous defects in penicillin-binding protein 5 and in enzyme activities of penicillin release and D-alanine carboxypeptidase. Noguchi H, et al. **J Bacteriol** 1985 May; 162(2):849–51

Method for gene replacement in Pseudomonas aeruginosa used in construction of recA mutants: recA-independent instability of alginate production. Ohman DE, et al. **J Bacteriol** 1985 Jun;162(3):1068–74

Pseudomonas aeruginosa mutants affected in anaerobic growth on arginine: evidence for a four-gene cluster encoding the arginine deiminase pathway. Vander Wauven C, et al. **J Bacteriol** 1984 Dec;160(3):928–34

Complementation analysis of the aliphatic amidase genes of Pseudomonas aeruginosa. Drew R. **J Gen Microbiol** 1984 Dec;130 (Pt 12):3101–11

Nucleotide sequence of the genome of Pf3, an IncP-1 plasmid-specific filamentous bacteriophage of Pseudomonas aeruginosa. Luiten RG, et al. **J Virol** 1985 Oct;56(1):268–76

Mapping of cysteine genes on the chromosome of Pseudomonas aeruginosa PAO. Brandt R, et al. **MGG** 1984; 197(2):292–6

High frequency FP2 donor of Pseudomonas aeruginosa PAO. Herrmann H, et al. **MGG** 1984;197(2):286–91

DNA homology and adsorption specificity of Pseudomonas aeruginosa virulent bacteriophages. Kulakov LA, et al. **MGG** 1985;200(1):123–7

Tn501 insertion mutagenesis in Pseudomonas aeruginosa PAO. Tsuda M, et al. **MGG** 1984;196(3):494–500

The nucleotide sequence of the tnpA gene completes the sequence of the Pseudomonas transposon Tn501. Brown NL, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5657–69

[R plasmids of Pseudomonas aeruginosa] Boronin AM, et al. **Antibiotiki** 1984 Sep;29(9):678–95 (126 ref.) **(Rus)**

[Characteristics of phages-transposons of Pseudomonas aeruginosa belonging to 2 groups distinguished by DNA-DNA homology] Akhverdian VZ, et al. **Genetika** 1985 May;21(5):735–47 (Eng. Abstr.) **(Rus)**

[Effective method of transduction with virulent phage pf16 using specific mutants of Pseudomonas putida PpG1] Gorbunova SA, et al. **Genetika** 1985 May;21(5):872–4 (Eng. Abstr.) **(Rus)**

[Modular structure of the genes of phages-transposons of Pseudomonas aeruginosa] Krylov VN, et al. **Genetika** 1985 May;21(5):724–34 (Eng. Abstr.) **(Rus)**

[Isolation and analysis of Pseudomonas aeruginosa PAO mutants resistant to nonlysogenic bacteriophages] Kulakov LA, et al. **Genetika (Moskva)** 1985 Jan;21(1):39–45 (Eng Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Bacterial contamination of eyedrop dispensers. Coad CT, et al. **Am J Ophthalmol** 1984 Nov;98(5):548–51

Postantibiotic effect of imipenem on Pseudomonas aeruginosa. Bustamante CI, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):678–82

Pseudomonas aeruginosa biosurfactant production in continuous culture with glucose as carbon source. Guerra-Santos L, et al. **Appl Environ Microbiol** 1984 Aug; 48(2):301–5

Effects of siderophores on the growth of Pseudomonas aeruginosa in human serum and transferrin. Ankenbauer R, et al. **Infect Immun** 1985 Jul;49(1):132–40

Competitive exclusion of uropathogens from human uroepithelial cells by Lactobacillus whole cells and cell wall fragments. Chan RC, et al. **Infect Immun** 1985 Jan; 47(1):84–9

Quantitative determination of bacterial replication in vivo. Morris Hooke A, et al. **Infect Immun** 1985 Aug;49(2):424–7

[Early detection of Pseudomonas aeruginosa in hemoculture media enriched with nitrates] Boucaud-Maître Y, et al. **Pathol Biol (Paris)** 1984 Dec;32(10):1037–9 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

Immunological study of Pseudomonas aeruginosa extracellular slime. Stanislavsky ES, et al. **Acta Microbiol Hung** 1985;32(1):49–59

Antigens of Pseudomonas aeruginosa and their use in immunoprophylaxis and immunotherapy. Stanislavsky ES, et al. **Acta Microbiol Hung** 1985;32(1):3–37 (189 ref.)

Polyagglutinability due to loss of O-antigenic determinants in Pseudomonas aeruginosa strains isolated from cystic fibrosis patients. Ojeniyi B, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Feb; 93(1):7–13

Pseudomonas aeruginosa surface polysaccharide vaccines. New therapeutic approaches from basic research. Pier GB. **Antibiot Chemother** 1985;36:157–67

Characterization of mouse monoclonal antibodies directed against Pseudomonas aeruginosa lipopolysaccharides. Sadoff JC, et al. **Antibiot Chemother** 1985;36:134–46

Opsonin-independent phagocytosis of Pseudomonas aeruginosa. Speert DP, et al. **Antibiot Chemother** 1985; 36:88–94

Ribonuclease-sensitive ribosomal vaccines. Gonggrijp R, et al. **Antonie Van Leeuwenhoek** 1984;50(5–6):763–74

Phagocytosis and intracellular killing of mucoid and nonmucoid variants of Pseudomonas aeruginosa by polymorphonuclear leukocytes: effect of specific immune sera. Gościniak G, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(4):467–79

Phagocytosis and intracellular killing of Pseudomonas aeruginosa by peritoneal macrophages of mice. Maresz-Babczyszyn J, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(4):481–7

Determination of type specific IgG Pseudomonas antibodies by the ELISA test after administration of the anti Pseudomonas aeruginosa vaccine. Meitert T, et al. **Arch Roum Pathol Exp Microbiol** 1984 Jan–Mar; 43(1):53–60

Investigations on the efficacy of specific immunization with corpuscular vaccines in urinary tract infections with Pseudomonas aeruginosa or mixed bacteria. Neagu V, et al. **Arch Roum Pathol Exp Microbiol** 1984 Jan–Mar; 43(1):39–52

A new polyvalent pseudomonas vaccine. Merle P, et al. **Behring Inst Mitt** 1984 Nov;(76):113–20

Topical immunotherapy for pseudomonas keratitis in rabbits: use of antilipopolysaccharide plasma. Welsh NH, et al. **Br J Ophthalmol** 1984 Nov;68(11):828–32

Enzyme-linked immunosorbent assay (ELISA) and a passive haemagglutination test (PHT) for the detection of pseudomonas antibodies in burned patients. Roe EA, et al. **Burns Incl Therm Inj** 1985 Apr;11(4):252–8

The pathogenesis of infections owing to Pseudomonas aeruginosa using the burned mouse model: experimental studies from the Shriners Burns Institute, Cincinnati. Holder IA. **Can J Microbiol** 1985 Apr;31(4):393–402 (36 ref.)

Immunochemical examination of the Pseudomonas aeruginosa glycocalyx: a monoclonal antibody which recognizes L-guluronic acid residues of alginic acid. Irvin RT, et al. **Can J Microbiol** 1985 Mar;31(3):268–75

Characterization of two surface-localized antigenic sites on porin protein F of Pseudomonas aeruginosa. Mutharia LM, et al. **Can J Microbiol** 1985 Apr;31(4):381–6

Structural studies of the Pseudomonas aeruginosa immunotype 1 antigen, containing the new sugar constituents 2-acetamido-2-deoxy-D-galacturonamide and 2-deoxy-2-formamido-D-galacturonic acid. Knirel YA, et al. **Carbohydr Res** 1984 Oct 15;133(2):C12–4

Sialic acids of a new type from the lipopolysaccharides of Pseudomonas aeruginosa and Shigella boydii. Knirel YA, et al. **Carbohydr Res** 1984 Oct 15;133(2):C5–8

Stimulus-permeability coupling in rat pulmonary macrophages challenged by Pseudomonas aeruginosa. An X-ray microanalysis study. Smith NK, et al.

Cell Tissue Res 1985;240(2):461-5

Somatic antigens of Pseudomonas aeruginosa. The structure of the O-specific polysaccharide chains of P. aeruginosa O11 (Lányi) lipopolysaccharides. Knirel YA, et al. **Eur J Biochem** 1985 Aug 1;150(3):551-7

Somatic antigens of Pseudomonas aeruginosa. The structure of the O-specific polysaçcharide chains of lipopolysaccharides of P. aeruginosa serogroup O4 (Lányi) and related serotype O6 (Habs) and immunotype 1 (Fisher). Knirel YA, et al. **Eur J Biochem** 1985 Aug 1;150(3):541-50

Enzyme-linked immunosorbent assay for detection of antibodies to Pseudomonas aeruginosa exoproteins. Granström M, et al. **Eur J Clin Microbiol** 1985 Apr; 4(2):197-200

Immunotherapeutic potential of monoclonal antibodies against Pseudomonas aeruginosa protein F. Hancock RE, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):224-7

Reaction of antibody in sera from cystic fibrosis patients with non-toxic forms of Pseudomonas aeruginosa exotoxin A. Klinger KW, et al. **Eur J Clin Microbiol** 1985 Apr; 4(2):201-6

Evaluation of three serological tests for detection of antibody to Pseudomonas aeruginosa in human sera. Pitt TL, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):190-6

Opsonophagocytic killing activity of rabbit antibody to Pseudomonas aeruginosa mucoid exopolysaccharide. Ames P, et al. **Infect Immun** 1985 Aug;49(2):281-5

Role of lipopolysaccharide in opsonization and phagocytosis of Pseudomonas aeruginosa. Engels W, et al. **Infect Immun** 1985 Jul;49(1):182-9

Suppression of lymphocyte proliferation by Pseudomonas aeruginosa: mediation by Pseudomonas-activated suppressor monocytes. Issekutz TB, et al. **Infect Immun** 1985 Jun;48(3):832-8

Interaction between limulus amoebocyte lysate and soluble antigens from Pseudomonas aeruginosa and Staphylococcus aureus studied by quantitative immunoelectrophoresis. Baek L, et al. **J Clin Microbiol** 1985 Aug;22(2):229-37

Identification of the principal T lymphocyte-stimulating antigens of Pseudomonas aeruginosa. Parmely MJ, et al. **J Exp Med** 1984 Nov 1;160(5):1338-49

In vitro T cell-mediated killing of Pseudomonas aeruginosa. II. The role of macrophages and T cell subsets in T cell killing. Markham RB, et al. **J Immunol** 1985 Jun; 134(6):4112-7

A quantitative method for assessing the third complement factor (C3) attached to the surface of opsonized Pseudomonas aeruginosa: interrelationship between C3 fixation, phagocytosis and complement consumption. Engels W, et al. **J Immunol Methods** 1985 Jul 16; 81(1):43-53

Responses of adult volunteers to a Pseudomonas aeruginosa exotoxoid-A vaccine [letter] Lydick E, et al. **J Infect Dis** 1985 Feb;151(2):375

Studies on the ability of alginate to act as a protective immunogen against infection with Pseudomonas aeruginosa in animals. Woods DE, et al. **J Infect Dis** 1985 Apr; 151(4):581-8

Inhibition of yeast phagocytosis in macrophage cultures treated with slime polysaccharide purified from Pseudomonas aeruginosa. Grasso RJ, et al. **J Leukocyte Biol** 1984 Dec;36(6):771-4

Host defenses in patients with cystic fibrosis: modulation by Pseudomonas aeruginosa. Speert DP. **Surv Synth Pathol Res** 1985;4(1):14-33 (163 ref.)

Invasion of Haemophilus influenzae and Pseudomonas aeruginosa in humans. Suzuki H, et al. **Tohoku J Exp Med** 1985 May;146(1):105-17

Vaccines against Pseudomonas aeruginosa infection: 1. Experimental studies. Stanislavsky ES, et al. **Vaccine** 1985 Jun;3(2):128-36

Influence of different immunoglobulin G preparations on phagocytosis of Pseudomonas aeruginosa by polymorphonuclear granulocytes. Trautmann M, et al. **Zentralbl Bakteriol Mikrobiol Hyg** [A] 1985 Feb; 259(1):104-17

[Screening and identification of hybridomas--derived monoclonal antibodies to Pseudomonas aeruginosa strain PA 10115] Ye DN, et al. **Ssu Chuan I Hsueh Yuan Hsueh Pao** 1985 Mar;16(1):15-8 (Eng. Abstr.) **(Chi)**

[Use of a polyvalent vaccine against Pseudomonas aeruginosa in severely burned patients] Nasiłowski W, et al. **Pol Tyg Lek** 1984 Apr 23;39(17):557-61 (Eng. Abstr.) **(Pol)**

[Obtaining antisera to Pseudomonas aeruginosa and Proteus antigens for performing immunoenzyme analyses in clinical practice] Bulava GV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jan;(1):51-5 (Eng. Abstr.) **(Rus)**

[Polish preparations for preventing and treating infections caused by Pseudomonas aeruginosa] Schiller B, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):30-2 (Eng. Abstr.) **(Rus)**

[Immunoenzyme analysis method for detecting anti-Pseudomonas aeruginosa antibodies in persons inoculated with pyoimmunogen] Severtsova MK, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jan;(1):55-9 (Eng. Abstr.) **(Rus)**

[Effectiveness of a polyvalent corpuscular Pseudomonas aeruginosa vaccine, antibiotics and their combinations in experimental chronic Pseudomonas aeruginosa infection] Vetkova LG, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Mar;(3):51-6 (Eng. Abstr.) **(Rus)**

[Protective action of a corpuscular polyvalent Pseudomonas aeruginosa vaccine against representative enterobacteria] Vetkova LG, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):26-30 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Characterisation of isolates of Pseudomonas aeruginosa from sheep. Burrell DH, et al. **Aust Vet J** 1984 Sep;61(9):277-9

Studies on biochemical properties and aeruginocin typing of Pseudomonas aeruginosa isolated from the frozen bull semen. Furowicz AJ, et al. **Indian J Pathol Microbiol** 1984 Jul;27(3):249-59

Use of 9-chloro-9-(4-diethylaminophenyl)-10-phenylacridan as a primary medium for recovery of Pseudomonas aeruginosa from clinical specimens. Araj GF. **J Clin Microbiol** 1984 Sep;20(3):330-3

Oral colonization and susceptibility testing of Pseudomonas aeruginosa oral isolates from cystic fibrosis patients. Lindemann RA, et al. **J Dent Res** 1985 Jan;64(1):54-7

Sources of intrapopulation variability in causative agents of nosocomial infection. Krasilnikov AP, et al. **J Hyg Epidemiol Microbiol Immunol** 1985;29(2):169-76

Bacterial translocation and gram-negative bacteremia in patients with hematological malignancies. Tancrède CH, et al. **J Infect Dis** 1985 Jul;152(1):99-103

Pseudomonas aeruginosa in the oral cavity and sputum of patients with cystic fibrosis. Komiyama K, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jun;59(6):590-4

Green foot. LeFeber WP, et al. **Pediatr Dermatol** 1984 Jul; 2(1):38-40

[A study of bacterial flora in burn wards] Tu Y. **Chung Hua Wai Ko Tsa Chih** 1984 Aug;22(8):453-5, 509 (Eng. Abstr.) **(Chi)**

[Pseudomonas aeruginosa in the oral cavity: occurrence and age distribution of adult germ carriers] Botzenhart K, et al. **Zentralbl Bakteriol Mikrobiol Hyg** [B] 1985 May; 180(5-6):471-9 (Eng. Abstr.) **(Ger)**

[Chemiluminescence immunoenzyme technic for detection of small numbers of bacteria demonstrated by the example with Pseudomonas aeruginosa] Zschöck M, et al. **Zentralbl Veterinarmed** [B] 1985 Mar;32(3):157-68 (Eng. Abstr.) **(Ger)**

[Microbiological corrosion of composite filling materials] Orsós M, et al. **Fogorv Sz** 1985 Jun;78(6):176-9 (Eng. Abstr.) **(Hun)**

[Rate of detection of P. aeruginosa from inpatients and healthy subjects] Satsuta K, et al. **Nippon Ika Daigaku Zasshi** 1984 Oct;51(5):625-8 **(Jpn)**

[A differential diagnostic scheme for identifying pigment-free variants of Pseudomonas aeruginosa] Arutcheva AA. **Lab Delo** 1984;(8):499-500 **(Rus)**

[Arginine medium for the isolation and primary identification of Pseudomonas aeruginosa in environmental objects] Kalina GP. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):30-6 (Eng. Abstr.) **(Rus)**

METABOLISM

Denitrification of high concentrations of nitrites and nitrates in synthetic medium with different sources of organic carbon. III. Methanol. Blaszczyk M, et al. **Acta Microbiol Pol** 1985;34(2):195-205

Exotoxin A from various Pseudomonas aeruginosa cultures: in vitro activity measured by enzyme-linked immunosorbent assay (ELISA). Ogaard AR, et al. **Acta Pathol Microbiol Immunol Scand** [B] 1985 Jun; 93(3):217-23

Evidence that Pseudomonas aeruginosa elastase does not inactivate the bronchial inhibitor in the presence of leukocyte elastase. Studies with cystic fibrosis sputum and with pure proteins. Tournier JM, et al. **Am Rev Respir Dis** 1985 Sep;132(3):524-8

Iron transport and serum resistance in Pseudomonas aeruginosa. Cox CD. **Antibiot Chemother** 1985;36:1-12

The Pseudomonas aeruginosa outer membrane permeability barrier and how to overcome it. Hancock RE. **Antibiot Chemother** 1985;36:95-102

Utilisation of wool wax by fleece-rot isolates of Pseudomonas aeruginosa. Merritt GC, et al. **Aust Vet J** 1984 Oct; 61(10):334

Antibody inhibition of ferripyochelin binding to Pseudomonas aeruginosa cell envelopes. Sokol PA, et al. **Biochemistry** 1984 Oct 9;23(21):5076-80

Volatiles of Pseudomonas aeruginosa and related species by automated headspace concentration--gas chromatography. Zechman JM, et al. **Can J Microbiol** 1985 Mar;31(3):232-7

Phosphate transport in Pseudomonas aeruginosa. Involvement of a periplasmic phosphate-binding protein. Poole K, et al. **Eur J Biochem** 1984 Nov 2;144(3):607-12

Further characterization of the tracheal receptor for Pseudomonas aeruginosa. Ramphal R, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):160-2

Physical and chemical factors affecting the adherence of Pseudomonas aeruginosa to a rabbit cornea cell line (SIRC) cells. Iida T, et al. **Hiroshima J Med Sci** 1985 Jun; 34(2):201-7

Tracheobronchial mucin receptor for Pseudomonas aeruginosa: predominance of amino sugars in binding sites. Vishwanath S, et al. **Infect Immun** 1985 May;48(2):331-5

Binding of latamoxef (moxalactam) and its decarboxylated derivative to Escherichia coli and Pseudomonas aeruginosa penicillin-binding proteins. Labia R, et al. **J Antimicrob Chemother** 1985 Jan;15(1):9-15

Energy transduction by electron transfer via a pyrrolo-quinoline quinone-dependent glucose dehydrogenase in Escherichia coli, Pseudomonas aeruginosa, and Acinetobacter calcoaceticus (var. lwoffi). van Schie BJ, et al. **J Bacteriol** 1985 Aug;163(2):493-9

Solubilization and reconstitution of sodium-dependent transport system for branched-chain amino acids from Pseudomonas aeruginosa. Uratani Y. **J Biol Chem** 1985 Aug 25;260(18):10023-6

Availability of 6-hydroxynicotinic acid for rapid identification of Pseudomonas aeruginosa and Serratia marcescens. Shiraishi S, et al. **J Chromatogr** 1985 Feb 27; 338(1):51-9

Phage plaques and autoplaques in Pseudomonas aeruginosa strains. Pillich J, et al. **J Hyg Epidemiol Microbiol Immunol** 1985;29(2):163-7

Pseudomonas aeruginosa: evidence for the involvement of lipopolysaccharide in determining outer membrane permeability to carbenicillin and gentamicin. Shearer BG, et al. **J Infect Dis** 1985 Aug;152(2):351-5

Influence of nutrient media on the characteristics of the exopolysaccharide produced by three mucoid Pseudomonas aeruginosa strains. Buckmire FL. **Microbios** 1984;41(163):49-63

1H NMR studies of electron exchange rate of Pseudomonas aeruginosa azurin. Uğurbil K, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2039-43

[Effect of temperature, pH value, glucose and sodium chloride on the degradation of histamine breakdown by Pseudomonas aeruginosa] Janz I. **Arch Exp Veterinarmed** 1985 Jan;39(1):121-7 (Eng. Abstr.) **(Ger)**

[Production of leukocidin of Pseudomonas aeruginosa strains isolated from patients and environmental specimens] Sibata M, et al. **Kansenshogaku Zasshi** 1985 Jan;59(1):14-8 (Eng. Abstr.) **(Jpn)**

[Studies on pseudomonal and staphylococcal leukocidins] Hirayama T, et al. **Nippon Saikingaku Zasshi** 1984 Nov; 39(6):849-63 **(Jpn)**

[Role of additional substrates in DDT degradation by cultures of Pseudomonas aeruginosa] Mal'tseva OV, et al. **Mikrobiologiia** 1985 Mar-Apr;54(2):222-6 (Eng. Abstr.) **(Rus)**

[Characteristics of hospital strains of Pseudomonas aeruginosa] Iskhakova KhI. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):11-4 (Eng. Abstr.) **(Rus)**

PATHOGENICITY

Pressure- and temperature-dependent adhesion of Pseudomonas aeruginosa to HEp-2 cells. Berdal BP, et al. **Acta Pathol Microbiol Immunol Scand** [B] 1985 Apr; 93(2):157-8

Correlation between adhesion of Pseudomonas aeruginosa bacteria to cell surfaces and the presence of some factors related to virulence. Ogaard AR, et al. **Acta Pathol Microbiol Immunol Scand** [B] 1985 Jun; 93(3):213-6

Contribution of exoenzyme S to the virulence of Pseudomonas aeruginosa. Nicas TI, et al. **Antibiot Chemother** 1985;36:40-8

Biochemical and genetic studies of iron-regulated (exotoxin A) and phosphate-regulated (hemolysin phospholipase C) virulence factors of Pseudomonas aeruginosa. Vasil ML, et al. **Antibiot Chemother** 1985;36:23-39

Virulence of Pseudomonas aeruginosa strains with mechanisms of microbial persistence for beta-lactam and aminoglycoside antibiotics in a mouse infection model. Bryan LE, et al. **Can J Microbiol** 1985 Apr;31(4):377-80

The pathogenesis of infections owing to Pseudomonas aeruginosa using the burned mouse model: experimental studies from the Shriners Burns Institute, Cincinnati. Holder IA. **Can J Microbiol** 1985 Apr;31(4):393-402 (36 ref.)

Experimental studies of the pathogenesis of infections owing to Pseudomonas aeruginosa: elastase, an IgG protease. Holder IA, et al. **Can J Microbiol** 1984 Sep;30(9):1118-24

The contribution of exoproducts to virulence of Pseudomonas aeruginosa. Nicas TI, et al. **Can J Microbiol** 1985 Apr;31(4):387-92

Role of exoenzyme S in chronic Pseudomonas aeruginosa lung infections. Nicas TI, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):175-9

Use of transposon mutants to assess the role of exoenzyme S in chronic pulmonary disease due to Pseudomonas aeruginosa. Woods DE, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):163-9

Adherence of protease-deficient mutants of Pseudomonas aeruginosa to a rabbit cornea cell line (SIRC) cells. Iida T, et al. **Hiroshima J Med Sci** 1985 Mar;34(1):113-7

Decreased delayed-type hypersensitivity and increased protection to Listeria monocytogenes seen in mice infected with mucoid and nonmucoid Pseudomonas aeruginosa. Blackwood LL. **Infect Immun** 1985 Mar;47(3):840-2

Protective role of intestinal flora against infection with Pseudomonas aeruginosa in mice: influence of antibiotics on colonization resistance. Hentges DJ, et al.

Infect Immun 1985 Jan;47(1):118-22

Quantitation of adherence of mucoid and nonmucoid Pseudomonas aeruginosa to hamster tracheal epithelium. Marcus H, et al. **Infect Immun** 1985 Mar;47(3):723-9

Role of Pseudomonas aeruginosa mucoid exopolysaccharide in adherence to tracheal cells. Ramphal R, et al. **Infect Immun** 1985 Jan;47(1):1-4

Effect of chemotactins released by Staphylococcus aureus and Pseudomonas aeruginosa on the murine respiratory tract. Sordelli DO, et al. **Infect Immun** 1985 Aug; 49(2):265-9

Effect of calcium chloride on experimental infection of mice with Pseudomonas aeruginosa. Tamura Y, et al. **Infect Immun** 1985 Jun;48(3):648-51

Phenotypic factors correlated with the absence of virulence among gentamicin-resistant Pseudomonas aeruginosa strains. Clark RB, et al. **J Clin Microbiol** 1984 Aug; 20(2):235-8

Production of leukocidin by clinical isolates of Pseudomonas aeruginosa and antileukocidin antibody from sera of patients with diffuse panbronchiolitis. Homma JY, et al. **J Clin Microbiol** 1984 Nov;20(5):855-9

The variable response of bacteria to free haemoglobin in the tissues. Maskell JP, et al. **J Med Microbiol** 1984 Dec; 18(3):377-84

[Properties of Pseudomonas aeruginosa with different degrees of resistance to chlorhexidine] Muszyński Z. **Acta Pol Pharm** 1984;41(2):265-70 **(Pol)**

[Virulence for mice of Pseudomonas aeruginosa strains with different degrees of resistance to chlorhexidine] Muszyński Z. **Med Dosw Mikrobiol** 1985;37(1):41-9 (Eng. Abstr.) **(Pol)**

[Antagonistic activity of hospital and non-hospital strains of Pseudomonas aeruginosa] Adarchenko AA, et al. **Antibiot Med Biotekhnol** 1985 Mar;30(3):189-90 **(Rus)**

[Structural bases for the invasion of the causative agents of experimental Pseudomonas aeruginosa sepsis into the bloodstream from the primary septic focus] Panova NV, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):57-60 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of the pathological process in a model of acute experimental pneumonia in rats caused by Pseudomonas aeruginosa strains of various origin] Tsinzerling VF, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec;(12):68-72 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Pseudomonas pili. Studies on antigenic determinants and mammalian cell receptors. Paranchych W, et al. **Antibiot Chemother** 1985;36:49-57

Adhesion of Pseudomonas aeruginosa to human buccal epithelial cells: evidence for two classes of receptors. McEachran DW, et al. **Can J Microbiol** 1985 Jun; 31(6):563-9

Ion selectivity of gram-negative bacterial porins. Benz R, et al **J Bacteriol** 1985 May;162(2):722-7

Pulmonary disease associated with Pseudomonas aeruginosa in cystic fibrosis: current status of the host-bacterium interaction. Pier GB. **J Infect Dis** 1985 Apr;151(4):575-80 (39 ref.)

ULTRASTRUCTURE

Structural alterations in the envelope of a gentamicin-resistant rough mutant of Pseudomonas aeruginosa. Galbraith L, et al. **Ann Microbiol (Paris)** 1984 Sep-Oct;135B(2):121-36

The interaction between Pseudomonas aeruginosa and the corneal epithelium. An electron microscopic study. Stern GA, et al. **Arch Ophthalmol** 1985 Aug;103(8):1221-5

Outer surface changes of Pseudomonas aeruginosa in relation to resistance to gentamicin and carbenicillin. Katsorchis T, et al. **J Med Microbiol** 1985 Jun;19(3):375-81

[Structural and functional changes in bacterial cells during space flight] Zaloguev SN, et al. **Dokl Akad Nauk SSSR** 1984;278(5):1236-7 **(Rus)**

PSEUDOMONAS FLUORESCENS

DRUG EFFECTS

Inhibition by chelating agents of the formation of active extracellular proteinase by Pseudomonas fluorescens 32A. McKellar RC, et al. **J Dairy Res** 1985 Feb;52(1):91-100

[Determination of material-dependent germ multiplication in the stand test] Niessen J, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec; 180(1):85-94 (Eng. Abstr.) **(Ger)**

[Effect of inorganic detergent components on the biodegradation of alkyl benzenesulfonates] Dimkov R, et al. **Zentralbl Mikrobiol** 1985;140(2):91-5 (Eng. Abstr.) **(Ger)**

ENZYMOLOGY

Quantitative studies of heat-stable proteinase from Pseudomonas fluorescens P1 by the enzyme-linked immunosorbent assay. Birkeland SE, et al. **Appl Environ Microbiol** 1985 Feb;49(2):382-7

Phthalate metabolism in Pseudomonas fluorescens PHK: purification and properties of 4,5-dihydroxyphthalate decarboxylase. Pujar BG, et al. **Appl Environ Microbiol** 1985 Feb;49(2):374-6

Ester synthesis at extraordinarily low temperature of -3 degrees C by modified lipase in benzene. Takahashi K, et al. **Biochem Int** 1985 Apr;10(4):627-31

Chemical modification of sulfhydryl groups in p-hydroxybenzoate hydroxylase from Pseudomonas fluorescens. Involvement in catalysis and assignment in the sequence. van Berkel WJ, et al. **Eur J Biochem** 1984 Dec 3;145(2):245-56

A new metalloproteinase from Pseudomonas fluorescens biotype I. Diermayr P, et al. **Hoppe Seylers Z Physiol Chem** 1984 Nov;365(11):1345-50

Effect of Brij 58 on the hydrolysis of methyl butyrate by lipase from Pseudomonas fluorescens. Nakagawa A, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):815-20

Purification, crystallization, and molecular properties of aspartase from Pseudomonas fluorescens. Takagi JS, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):545-52

Malonyl coenzyme A synthetase. Purification and properties. Kim YS, et al. **J Biol Chem** 1985 Apr 25;260(8):5098-104

Proteolysis in milk: the significance of proteinases originating from milk leucocytes and a comparison of the action of leucocyte, bacterial and natural milk proteinases on casein. Grieve PA, et al. **J Dairy Res** 1985 Feb;52(1):101-12

Heat inactivation of exogenous proteinases from Pseudomonas fluorescens. I. Possibility of inactivation in milk. Kroll S, et al. **Z Lebensm Unters Forsch** 1984 Oct; 179(4):288-95

GENETICS

Molecular characterization of a plasmid from Pseudomonas fluorescens involved in styrene degradation. Bestetti G, et al. **Plasmid** 1984 Nov;12(3):181-8

[Genetic control of biphenyl and naphthalene catabolism in Pseudomonas fluorescens PfE1 and PfE2] Starovoitov II, et al. **Dokl Akad Nauk SSSR** 1985;280(2):505-8 **(Rus)**

PHYSIOLOGY

[Survival of bacteria in the Artificial Mars unit] Imshenetskii AA, et al. **Mikrobiologiia** 1984 Sep-Oct;53(5):731-7 (Eng. Abstr.) **(Rus)**

PSEUDOMONAS INFECTIONS

Panniculitis in Pseudomonas aeruginosa septicemia. Llistosella E, et al. **Acta Derm Venereol (Stockh)** 1984; 64(5):447-9

Multistrain comparison of three antimicrobial prophylaxis regimens in experimental postoperative Pseudomonas endophthalmitis. Yannis RA, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):404-7

Prognostic implications of therapy for necrotizing external otitis [clinical conference] Corey JP, et al. **Am J Otol** 1985 Jul;6(4):353-8

Biological and clinical aspects of Pseudomonas. Abstracts. Netherlands Society for Microbiology. Antwerp, 14 April 1983. **Antonie Van Leeuwenhoek** 1984;50(3):281-303

Clinical presentation and management of Pseudomonas osteomyelitis. Elliott SJ, et al. **Clin Pediatr (Phila)** 1985 Oct;24(10):566-70

Gentamicin-resistant Pseudomonas aeruginosa corneal ulcers. Gelender H, et al. **Cornea** 1984;3(1):21-6

Pseudomonas aeruginosa infections. **Eur J Clin Microbiol** 1985 Apr;4(2):151-230

Inflammatory responses to Pseudomonas aeruginosa and Staphylococcus aureus in the murine lung. Sordelli DO, et al. **Eur J Respir Dis** 1985 Jan;66(1):31-9

Pseudomonas maltophilia endocarditis. Subbannayya K, et al. **Indian J Pathol Microbiol** 1984 Oct;27(4):311-5

Pseudomonas aeruginosa in chronic maxillary sinusitis. Koltai PJ, et al. **Laryngoscope** 1985 Jan;95(1):34-7

Brain abscess in a patient with cystic fibrosis. Kline MW. **Pediatr Infect Dis** 1985 Jan-Feb;4(1):72-3

Pseudomonas nasal septal abscess. Kean H. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter; 37(2):248-9

Community-acquired Pseudomonas aeruginosa pneumonia associated with the use of a home humidifier. Harris AA, et al. **West J Med** 1984 Oct;141(4):521-3

[Endocarditis of the pulmonary valve and multiple vertebral osteomyelitis caused by Pseudomonas aeruginosa] Montejo Baranda M, et al. **Rev Clin Esp** 1984 Sep 30;174(6):261-2 **(Spa)**

BLOOD

Post-MIC effect of fosfomycin on Pseudomonas aeruginosa in vitro and in experimentally infected mice. Haag R. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:265-71

COMPLICATIONS

Cystic fibrosis survival rates. The influences of allergy and Pseudomonas aeruginosa. Wilmott RW, et al. **Am J Dis Child** 1985 Jul;139(7):669-71

Pseudomonas aeruginosa ophthalmia neonatorum [letter] Traboulsi EI, et al. **Am J Ophthalmol** 1984 Dec 15; 98(6):801-2

Activity of some antibiotics against Pseudomonas aeruginosa strains isolated from cancerous patients. Del Piano M, et al. **Boll Ist Sieroter Milan** 1984 Jul 31;63(3):181-7

Twenty-five year review of Pseudomonas aeruginosa bacteremia in a burn center. McManus AT, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):219-23

Sternoclavicular arthritis and osteomyelitis due to Pseudomonas aeruginosa, not related to drug abuse. Streifler J, et al. **Isr J Med Sci** 1985 May;21(5):458-9

Peritonitis due to Pseudomonas paucimobilis during ambulatory peritoneal dialysis [letter] Baddour LM, et al. **South Med J** 1985 Mar;78(3):366

[Vitreous body abscesses as an exceptionally rare complication of generalized Pseudomonas aeruginosa infection in low-birth-weight newborn infants] Dylikowska-Gadomska L. **Pediatr Pol** 1984 Jun; 59(6):501-6 **(Pol)**

[Gangrenous pyoderma associated with chronic suppurative focus, extreme emaciation and dysproteinemia] Lańcucki J, et al. **Przegl Dermatol** 1984 Jul-Aug;71(4):353-7 (Eng. Abstr.) **(Pol)**

[Pyocyaneus infection in surgical pneumonology] Aliev MA, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):63-5 (Eng. Abstr.) **(Rus)**

[External malignant otitis] Mallea I, et al. **An Otorrinolaringol Ibero Am** 1985;12(3):251-61 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Pseudomonas peritonitis in patients of CAPD. Vargemezis V, et al. **Life Support Syst** 1984 Oct-Dec;2(4):294-6

Malignant external otitis. Anon JB, et al. **South Med J** 1984 Dec;77(12):1541-4

[New findings in the diagnosis and therapy of necrotizing otitis externa (otitis maligna)] Vogt M, et al. **Schweiz Rundsch Med Prax** 1985 May 14;74(20):523-6 (Eng. Abstr.) **(Ger)**

[Determining proteolytic enzyme inhibitors in human and animal sera. I. Description of the method] Schiller B, et al. **Med Dosw Mikrobiol** 1984;36(4):245-52 (Eng. Abstr.) **(Pol)**

[Pneumonia caused by gram-negative bacteria. Diagnostic and prognostic aspects] Sosnowski W, et al. **Pneumonol Pol** 1984 Jun;52(6):265-71 (Eng. Abstr.) **(Pol)**

[Clinico-bacteriological characteristics of gram-negative infection in burns] Sologub VK, et al. **Klin Med (Mosk)** 1985 Feb;63(2):113-8 (Eng. Abstr.) **(Rus)**

[Pseudomonas paronychia and onychia] Khamaganova AV. **Vestn Dermatol Venerol** 1985 Jan;(1):66-8 **(Rus)**

DRUG THERAPY

Intensive treatment of pseudomonas chest infection in cystic fibrosis: a comparison of tobramycin and ticarcillin, and netilmicin and ticarcillin. Conway SP, et al. **Acta Paediatr Scand** 1985 Jan;74(1):107-13

Edetate sodium aerosol in Pseudomonas lung infection in cystic fibrosis. Brown J, et al. **Am J Dis Child** 1985 Aug; 139(8):836-9

Combinations of antibiotics against Pseudomonas aeruginosa. Baltch AL, et al. **Am J Med** 1985 Jul 15;79(1A):8-16

Use of aztreonam in the treatment of serious infections due to multiresistant gram-negative organisms, including Pseudomonas aeruginosa. Scully BE, et al. **Am J Med** 1985 Feb;78(2):251-61

The effect of combined gentamicin-corticosteroid treatment on gentamicin-resistant Pseudomonas keratitis. Stern GA, et al. **Ann Ophthalmol** 1980 Sep;12(9):1011-4

Pseudomonas arthritis treated with parenteral and intra-articular ceftazidime. Walton K, et al. **Ann Rheum Dis** 1985 Jul;44(7):499-500

An evaluation of antipseudomonal antimicrobic agents. Gilbert DN. **Antibiot Chemother** 1985;36:111-33 (57 ref.)

Activities of pefloxacin and ciprofloxacin in experimentally induced Pseudomonas pneumonia in neutropenic guinea pigs. Gordin FM, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):452-4

Imipenem therapy of Pseudomonas aeruginosa and other serious bacterial infections. Winston DJ, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):673-7

Addition of rifampin to carboxypenicillin-aminoglycoside combination for the treatment of Pseudomonas aeruginosa infection: clinical experience with four patients. Yu VL, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):575-7

Systemic treatment of septicaemia caused by P. aeruginosa with special reference to azlocillin. Shah PM. **Burns Incl Therm Inj** 1984 Oct;11(1):65-71

Aminoglycoside in advanced renal failure. Atukorala SD, et al. **Ceylon Med J** 1984 Jun;29(2):101-3

Emergence of resistance to beta-lactam antibiotics in Pseudomonas aeruginosa during treatment with new beta-lactams. Lerner SA, et al. **Chemioterapia** 1985 Feb; 4(1):95-101

The emergence of resistance to beta-lactam antibiotics during treatment of Pseudomonas aeruginosa lower respiratory tract infections: is combination therapy the solution? Nichols L, et al. **Chemioterapia** 1985 Feb;4(1):102-9

Netilmicin in the treatment of Pseudomonas bacteremia. Lorber RR, et al. **Clin Ther** 1985;7(3):338-46

Treatment of Pseudomonas aeruginosa septicemia in neutropenic patients with ceftazidime [letter] de Pauw BE, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):228-9

Time course of the pharmacological response to beta-lactam antibiotics in vitro and in vivo. Gerber AU, et al. **Eur J Clin Microbiol** 1984 Dec;3(6):592-7

Use of discriminative models of Pseudomonas aeruginosa bacteremia in granulocytopenic rats for testing antimicrobial efficacy. Johnson D. **Eur J Clin Microbiol** 1985 Apr;4(2):207–12

Antibiotic resistance of Pseudomonas aeruginosa colonizing a urinary catheter in vitro. Nickel JC, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):213–8

Multicenter study of the sensitivity of Pseudomonas aeruginosa to antimicrobial agents [letter] Wiedemann B, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):229–30

Penicillins with antipseudomonal activity. Norris SM. **Infect Control** 1985 Apr;6(4):165–8

Treatment of Pseudomonas and Serratia infections with ceftazidime. Bergin CJ, et al. **J Antimicrob Chemother** 1985 May;15(5):613–21

Efficacy of rifampicin in experimental Bacteroides fragilis and Pseudomonas aeruginosa mixed infections. Fu KP, et al. **J Antimicrob Chemother** 1985 May;15(5):579–85

Ciprofloxacin as therapy for experimental osteomyelitis caused by Pseudomonas aeruginosa. Norden CW, et al. **J Infect Dis** 1985 Feb;151(2):291–4

Management of acute pulmonary exacerbations in cystic fibrosis: a critical appraisal. Nelson JD. **J Pediatr** 1985 Jun; 106(6):1030–4 (18 ref.)

Synergistic action of silver sulfadiazine and sodium piperacillin on resistant Pseudomonas aeruginosa in vitro and in experimental burn wound infections. Modak S, et al. **J Trauma** 1985 Jan;25(1):27–31

Antibiotic dosage in cystic fibrosis [editorial] **Lancet** 1985 May 4;1(8436):1020–1

Ceftazidime for Pseudomonas meningitis [letter] **Lancet** 1985 Feb 23;1(8426):464

Ceftazidime for Pseudomonas meningitis [letter] Alestig K, et al. **Lancet** 1985 Jan 19;1(8421):161–2

Clinical resistance to long-term oral ciprofloxacin [letter] Crook SM, et al. **Lancet** 1985 Jun 1;1(8440):1275

Nebulised colomycin for early pseudomonas colonisation in cystic fibrosis [letter] Littlewood JM, et al. **Lancet** 1985 Apr 13;1(8433):865

Use of enoxacin in a patient with cystic fibrosis [letter] Miller MG, et al. **Lancet** 1985 Mar 16;1(8429):646

Ceftazidime for pseudomonas meningitis [letter] Williams KJ. **Lancet** 1985 Mar 16;1(8429):634

Restoration by MDP-Lys (L18) of resistance to Pseudomonas pneumonia in immunosuppressed guinea pigs. Otani T, et al. **Microbiol Immunol** 1984;28(9):1077–82

Oral enoxacin used to cure spinal osteomyelitis due to aminoglycoside-resistant Pseudomonas aeruginosa [letter] Bailey RR, et al. **NZ Med J** 1985 Jun 26;98(781):508

Controlled trial of ceftazidime vs. ticarcillin and tobramycin in the treatment of acute respiratory exacerbations in patients with cystic fibrosis. Gold R, et al. **Pediatr Infect Dis** 1985 Mar–Apr;4(2):172–7

Individualization of tobramycin dosage in patients with cystic fibrosis. Hsu MC, et al. **Pediatr Infect Dis** 1984 Nov–Dec; 3(6):526–9

Stubborn otitis externa [letter] White FP. **South Med J** 1985 Sep;78(9):1142

Ceftazidime compared with gentamicin and carbenicillin in patients with cystic fibrosis, pulmonary pseudomonas infection, and an exacerbation of respiratory symptoms. British Thoracic Society Research Committee. **Thorax** 1985 May;40(5):358–63

Adverse reactions to piperacillin in adults with cystic fibrosis. Stead RJ, et al. **Thorax** 1985 Mar;40(3):184–6

Norfloxacin and silver norfloxacin in the treatment of Pseudomonas corneal ulcer in the rabbit. Darrell RW, et al. **Trans Am Ophthalmol Soc** 1984;82:75–91

Effect of soft contact lenses on experimental Pseudomonas and Candida keratitis. Smolin G, et al. **Trans Am Ophthalmol Soc** 1984;82:63–74

[Efficacy and reversible nephrotoxicity of cefsulodin during treatment of septicemia from Pseudomonas aeruginosa infection of a pacemaker] Penalba C, et al. **Ann Med Interne (Paris)** 1984;135(7):519–22 (Eng. Abstr.) **(Fre)**

[Cefmenoxime concentrations in cerebral ventricles during systemic treatment of Pseudomonas stutzeri ventriculitis (letter)] Veyssier P, et al. **Presse Med** 1985 Mar 30; 14(13):747 **(Fre)**

[Malignant external otitis in a young diabetic—successful azlocillin treatment] Ganz H. **HNO** 1984 Oct;32(10):431–2 (Eng. Abstr.) **(Ger)**

[Current aspects of pseudomonas meningitis] Brückner O, et al. **Neurochirurgia (Stuttg)** 1985 Jan;28(1):12–6 (Eng. Abstr.) **(Ger)**

[Clinical studies on combination therapy of cephem antibiotics in chronic complicated urinary tract polymicrobial infections due to Pseudomonas aeruginosa and other bacteria] Fujimura N, et al. **Jpn J Antibiot** 1984 Sep;37(9):1669–78 (Eng. Abstr.) **(Jpn)**

[Ciprofloxacin—a new antibacterial drug] Lewandowski A. **Wiad Lek** 1985 May 1;38(9):649–52 (27 ref.) (Eng. Abstr.) **(Pol)**

[Palin in the treatment of refractory urinary tract infections after suprapubic surgery of prostatic adenoma] Musierowicz A, et al. **Wiad Lek** 1984 Oct 15;37(20):1593–7 (Eng. Abstr.) **(Pol)**

[Gentamicin resistance in clinical strains of microorganisms: genetic control and biochemical mechanisms of resistance] Abadzhieva AN, et al. **Antibiot Med Biotekhnol** 1985 Jan; 30(1):65–75 (102 ref.) **(Rus)**

[Use of antibioticograms for individual programs of antibacterial therapy] Navashin SM, et al. **Antibiot Med Biotekhnol** 1985 Mar;30(3):212–21 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Pulmonary elastase activity in response to Streptococcus pneumoniae and Pseudomonas aeruginosa. Melby K, et al. **Am Rev Respir Dis** 1985 Apr;131(4):559–63

ETIOLOGY

Urosepsis associated with videourodynamic studies. Talbot GH, et al. **Am J Infect Control** 1984 Oct;12(5):266–70

Superficial and systemic illness related to a hot tub. Kosatsky T, et al. **Am J Med** 1985 Jul;79(1):10–2

Bacterial endophthalmitis associated with exposed monofilament sutures following corneal transplantation. Confino J, et al. **Am J Ophthalmol** 1985 Feb 15;99(2):111–3

Pseudomonas cepacia colonization among patients with cystic fibrosis. A new opportunist. Thomassen MJ, et al. **Am Rev Respir Dis** 1985 May;131(5):791–6

Pseudomonas aeruginosa O-11 folliculitis. Development into ecthyma gangrenosum in immunosuppressed patients. El Baze P, et al. **Arch Dermatol** 1985 Jul;121(7):873–6

Hot tub-associated dermatitis due to Pseudomonas aeruginosa. Case report and review of the literature. Chandrasekar PH, et al. **Arch Dermatol** 1984 Oct; 120(10):1337–40

Pseudomonas bacteremia. Retrospective analysis of 410 episodes. Bodey GP, et al. **Arch Intern Med** 1985 Sep; 145(9):1621–9

Gentamicin-resistant Pseudomonas endophthalmitis after penetrating keratoplasty. Insler MS, et al. **Br J Ophthalmol** 1985 Mar;69(3):189–91

Pseudomonas aeruginosa and whirlpools [letter] **Br Med J [Clin Res]** 1985 May 4;290(6478):1353–4

Pseudomonas aeruginosa and whirlpools [editorial] Brett J, et al. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1024–5

Electron microscopic study of an infected Foley catheter. Nickel JC, et al. **Can J Surg** 1985 Jan;28(1):50–1, 54

Pseudomonas pyarthrosis and osteomyelitis from a puncture wound of the foot. Collins BS, et al. **J Am Podiatr Med Assoc** 1985 Jun;75(6):316–20

Pseudomonas paucimobilis peritonitis in patients treated by peritoneal dialysis. Glupczynski Y, et al. **J Clin Microbiol** 1984 Dec;20(6):1225–6

Association of infection caused by Pseudomonas aeruginosa serotype O11 with intravenous abuse of pentazocine mixed with tripelennamine. Levin MH, et al. **J Clin Microbiol** 1984 Oct;20(4):758–62

Cervical osteomyelitis caused by Pseudomonas cepacia in an intravenous-drug abuser. Smith MA, et al. **J Clin Microbiol** 1985 Mar;21(3):445–6

Pseudomonas mesophilica infections in humans. Smith SM, et al. **J Clin Microbiol** 1985 Mar;21(3):314–7

Pseudomonas pickettii as a cause of pseudobacteremia. Verschraegen G, et al. **J Clin Microbiol** 1985 Feb; 21(2):278–9

Pseudomonas aeruginosa cross-infection following endoscopic retrograde cholangiopancreatography. Cryan EM, et al. **J Hosp Infect** 1984 Dec;5(4):371–6

Urinary tract pressure recording equipment as a source of infection. Glenister H, et al. **J Hosp Infect** 1985 Jun; 6(2):224–6

Pulmonary disease associated with Pseudomonas aeruginosa in cystic fibrosis: current status of the host-bacterium interaction. Pier GB. **J Infect Dis** 1985 Apr;151(4):575–80 (39 ref.)

Transfusion-related pseudomonas sepsis [letter] Phillips P, et al. **Lancet** 1984 Oct 13;2(8407):879

Pseudomonas aeruginosa causing osteomyelitis after puncture wounds of the foot. Graham BS, et al. **South Med J** 1984 Oct;77(10):1228–30

Pseudomonas septicaemia following tribal tatoo marks. Mathur DR, et al. **Trop Geogr Med** 1984 Sep;36(3):301–2

[Pseudomonas aeruginosa corneal ulcer and endophthalmitis. Apropos of 7 cases] Bec P, et al. **Bull Soc Ophtalmol Fr** 1984 Aug–Sep;84(8–9):967–9 **(Fre)**

[Pseudomonas fluorescens septicemia following transfusion of contaminated blood (letter)] Gibaud M, et al. **Presse Med** 1984 Nov 24;13(42):2583–4 **(Fre)**

[Empyema of the anterior cranial fossa as a late complication of cranio-cerebral injury] Krzymiński T, et al. **Pol Tyg Lek** 1985 Apr 29;40(17):490–1 (Eng. Abstr.) **(Pol)**

[Role of cross-infection in the development of postoperative complications] Sazhin VP, et al. **Vestn Khir** 1984 Aug; 133(8):131–5 (Eng. Abstr.) **(Rus)**

[Pseudomonad infection in human pathology] Iliukhin VI. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):110–4 (71 ref.) **(Rus)**

[Whirlpool illness caused by liquid soap] Widström L, et al. **Lakartidningen** 1985 Apr 10;82(15):1375–6 (Eng. Abstr.) **(Swe)**

IMMUNOLOGY

Detection of proteases of Pseudomonas aeruginosa in immune complexes isolated from sputum of cystic fibrosis patients. Döring G, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Oct; 92(5):307–12

Modulation of the humoral response in Pseudomonas aeruginosa-infected mice. Izdebska-Szymona K, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(6):689–94

Determination of type specific IgG Pseudomonas antibodies by the ELISA test after administration of the anti Pseudomonas aeruginosa vaccine. Meitert T, et al. **Arch Roum Pathol Exp Microbiol** 1984 Jan–Mar; 43(1):53–60

Experimental studies of the pathogenesis of infections owing to Pseudomonas aeruginosa: elastase, an IgG protease. Holder IA, et al. **Can J Microbiol** 1984 Sep;30(9):1118–24

Immunological aspects of humidifier fever. Forsgren A, et al. **Eur J Clin Microbiol** 1984 Oct;3(5):411–8

Enzyme-linked immunosorbent assay for detection of antibodies to Pseudomonas aeruginosa exoproteins. Granström M, et al. **Eur J Clin Microbiol** 1985 Apr; 4(2):197–200

Reaction of antibody in sera from cystic fibrosis patients with non-toxic forms of Pseudomonas aeruginosa exotoxin A. Klinger KW, et al. **Eur J Clin Microbiol** 1985 Apr; 4(2):201–6

Evaluation of three serological tests for detection of antibody to Pseudomonas aeruginosa in human sera. Pitt TL, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):190–6

Decreased delayed-type hypersensitivity and increased protection to Listeria monocytogenes seen in mice infected with mucoid and nonmucoid Pseudomonas aeruginosa. Blackwood LL. **Infect Immun** 1985 Mar;47(3):840–2

Protective role of intestinal flora against infection with Pseudomonas aeruginosa in mice: influence of antibiotics on colonization resistance. Hentges DJ, et al. **Infect Immun** 1985 Jan;47(1):118–22

Depressing hepatic macrophage complement receptor function causes increased susceptibility to endotoxemia and infection. Loegering DJ, et al. **Infect Immun** 1985 Mar; 47(3):659–64

Protective effect of Lactobacillus casei on Pseudomonas aeruginosa infection in mice. Miake S, et al. **Infect Immun** 1985 May;48(2):480–5

Experimental studies on mice challenged intracerebrally with Pseudomonas aeruginosa. Campanile F, et al. **Int J Tissue React** 1984;6(5):421–6

The complement system and host defense against Pseudomonas endophthalmitis. Aizuss DH, et al. **Invest Ophthalmol Vis Sci** 1985 Sep;26(9):1262–6

Immunopotentiation with forphenicinol: increased resistance to Pseudomonas septicaemia in mice. Ishibashi T, et al. **J Antibiot (Tokyo)** 1985 Mar;38(3):430–2

Studies on the ability of alginate to act as a protective immunogen against infection with Pseudomonas aeruginosa in animals. Woods DE, et al. **J Infect Dis** 1985 Apr; 151(4):581–8

Host defenses in patients with cystic fibrosis: modulation by Pseudomonas aeruginosa. Speert DP. **Surv Synth Pathol Res** 1985;4(1):14–33 (163 ref.)

[Anti-leukocidin antibody in sera of patients with diffuse panbronchiolitis] Kazuyama Y, et al. **Kansenshogaku Zasshi** 1985 Jan;59(1):19–22 (Eng. Abstr.) **(Jpn)**

METABOLISM

Prostaglandin E2 and muscle protein turnover in Pseudomonas aeruginosa sepsis. Turinsky J, et al. **Biochim Biophys Acta** 1985 May 29;840(1):137–40

MICROBIOLOGY

Virulence of Pseudomonas aeruginosa strains with mechanisms of microbial persistence for beta-lactam and aminoglycoside antibiotics in a mouse infection model. Bryan LE, et al. **Can J Microbiol** 1985 Apr;31(4):377–80

The pathogenesis of infections owing to Pseudomonas aeruginosa using the burned mouse model: experimental studies from the Shriners Burns Institute, Cincinnati. Holder IA. **Can J Microbiol** 1985 Apr;31(4):393–402 (36 ref.)

Drug resistant plasmids of Pseudomonas aeruginosa. Pai SR, et al. **Indian J Med Res** 1984 Nov;80:521–7

Lactate dehydrogenase isoenzymes as a new tool for classifying clinical isolates of Pseudomonas aeruginosa. Palav VD, et al. **Indian J Med Res** 1984 Nov;80:516–20

Quantitative determination of bacterial replication in vivo. Morris Hooke A, et al. **Infect Immun** 1985 Aug;49(2):424–7

Effect of chemotactins released by Staphylococcus aureus and Pseudomonas aeruginosa on the murine respiratory tract. Sordelli DO, et al. **Infect Immun** 1985 Aug; 49(2):265–9

Pseudomonas aeruginosa infection-evidences of amphixenosis. Pajnoo JL, et al. **Int J Zoonoses** 1984 Jun; 11(1):39–44

Selective survival in pentazocine and tripelennamine of Pseudomonas aeruginosa serotype O11 from drug addicts. Botsford KB, et al. **J Infect Dis** 1985 Feb;151(2):209–16

Sneakers as a source of Pseudomonas aeruginosa in children with osteomyelitis following puncture wounds. Fisher MC, et al. **J Pediatr** 1985 Apr;106(4):607–9

Pseudomonas cepacia colonization in patients with cystic fibrosis: risk factors and clinical outcome. Tablan OC, et al. **J Pediatr** 1985 Sep;107(3):382–7

Pseudomonas cepacia septicemia in patients with burns: report of two cases. Brauner A, et al.

Scand J Infect Dis 1985;17(1):63-6

Benzethonium chloride resistance in Pseudomonas aeruginosa isolated from clinical lesions. Nakahara H, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug; 257(3):409-13

[Serotype distribution of Pseudomonas aeruginosa. Comparative studies of nosocomial and community strains] Chao HP, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1985 Feb;18(1):37-43 (Eng. Abstr.) **(Chi)**

[Pseudomonas pickettii septicemia] Chomarat M, et al. **Pathol Biol (Paris)** 1985 Jan;33(1):55-6 (Eng. Abstr.) **(Fre)**

[Infections of the respiratory tract with Pseudomonas aeruginosa in cystic fibrosis] Winkler U, et al. **Klin Wochenschr** 1985 Jun 3;63(11):490-8 (Eng. Abstr.) **(Ger)**

[Bacterial flora and its sensitivity to antibiotics in urinary tract infections in children] Szozda G, et al. **Probl Med Wieku Rozwoj** 1984;13:59-67 (Eng. Abstr.) **(Pol)**

[Antagonistic activity of hospital and non-hospital strains of Pseudomonas aeruginosa] Adarchenko AA, et al. **Antibiot Med Biotekhnol** 1985 Mar;30(3):189-90 **(Rus)**

[Characteristics of hospital strains of Pseudomonas aeruginosa] Iskhakova KhI. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):11-4 (Eng. Abstr.) **(Rus)**

[Pleuropneumonia caused by Pseudomonas stutzeri] Serkova GP, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec; (12):59-62 (Eng. Abstr.) **(Rus)**

[New Pseudomonas aeruginosa pyocinotypes in childhood infections] Carvajal G, et al. **Bol Of Sanit Panam** 1985 Feb; 98(2):156-63 (Eng. Abstr.) **(Spa)**

OCCURRENCE

Recreationally associated Pseudomonas aeruginosa folliculitis. Report of an epidemic. Fox AB, et al. **Arch Dermatol** 1984 Oct;120(10):1304-7

Food poisoning associated with Pseudomonas aeruginosa. Meitert E, et al. **Arch Roum Pathol Exp Microbiol** 1984 Apr-Jun;43(2):115-9

Outbreak of septicaemia due to contaminated mouthwash. Stephenson JR, et al. **Br Med J [Clin Res]** 1984 Dec 8; 289(6458):1584

Evolving epidemiology of Pseudomonas aeruginosa infections. Cross AS. **Eur J Clin Microbiol** 1985 Apr; 4(2):156-9 (39 ref.)

New insights into the epidemiology, pathogenesis and therapy of Pseudomonas aeruginosa infections. Cryz SJ. **Eur J Clin Microbiol** 1985 Apr;4(2):153-5 (36 ref.)

Outbreak of Pseudomonas aeruginosa following endoscopic retrograde cholangiopancreatography. Earnshaw JJ, et al. **J Hosp Infect** 1985 Mar;6(1):95-7

Outbreak of endocarditis caused by Pseudomonas aeruginosa serotype O11 among pentazocine and tripelennamine abusers in Chicago. Shekar R, et al. **J Infect Dis** 1985 Feb; 151(2):203-8

Pseudomonas dermatitis associated with a swimming pool. Thomas P, et al. **JAMA** 1985 Feb 22;253(8):1156-9

A nosocomial common source outbreak caused by Pseudomonas pickettii. Gardner S, et al. **Pediatr Infect Dis** 1984 Sep-Oct;3(5):420-2

[Pseudomonas aeruginosa in the oral cavity: occurrence and age distribution of adult germ carriers] Botzenhart K, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 May; 180(5-6):471-9 (Eng. Abstr.) **(Ger)**

[Epidemiology of Pseudomonas aeruginosa infection] Zueva LP, et al. **Antibiot Med Biotekhnol** 1985 Apr;30(4):308-13 (58 ref.) **(Rus)**

[2 epidemics of whirlpool dermatitis in Sweden--the risks are increasing] Hallqvist L. **Lakartidningen** 1985 Apr 10; 82(15):1376 **(Swe)**

PATHOLOGY

Ecthyma gangrenosum: report of clinical, histopathologic, and bacteriologic aspects of eight cases. Greene SL, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):781-7

Can pseudomonas infection in experimental animals mimic Kawasaki's disease? Keren G, et al. **J Infect** 1984 Jul; 9(1):22-9

[Rest room dermatitis during immunosuppression] El Baze P, et al. **Ann Dermatol Venereol** 1984;111(8):691-2 **(Fre)**

[Possibilities of scanning electron microscopic demonstration of experimental injuries of the rat eye] Pervanidis A. **Fortschr Ophthalmol** 1984;81(3):291-2 (Eng. Abstr.) **(Ger)**

[An experimental study on pyogenic osteomyelitis with special reference to polymicrobial infections] Hidaka S. **Nippon Seikeigeka Gakkai Zasshi** 1985 Apr;59(4):429-41 (Eng. Abstr.) **(Jpn)**

[Structural bases for the invasion of the causative agents of experimental Pseudomonas aeruginosa sepsis into the bloodstream from the primary septic focus] Panova NV, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):57-60 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of the pathological process in a model of acute experimental pneumonia in rats caused by Pseudomonas aeruginosa strains of various origin] Tsinzerling VF, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec;(12):68-72 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Dissemination of Pseudomonas aeruginosa during lung infection in hamsters. Role of oxygen-induced lung injury. Johanson WG Jr, et al. **Am Rev Respir Dis** 1985 Aug; 132(2):358-61

Proteinases of Pseudomonas aeruginosa evoke mucin release by tracheal epithelium. Klinger JD, et al. **J Clin Invest** 1984 Nov;74(5):1669-78

PREVENTION & CONTROL

Antigens of Pseudomonas aeruginosa and their use in immunoprophylaxis and immunotherapy. Stanislavsky ES, et al. **Acta Microbiol Hung** 1985;32(1):3-37 (189 ref.)

Prospects for a mucoid exopolysaccharide vaccine for the prevention of infection due to mucoid strains of Pseudomonas aeruginosa. Baltimore RS. **Antibiot Chemother** 1985;36:147-56

Prospective, controlled study of a polyvalent pseudomonas vaccine in cystic fibrosis--three year results. Langford DT, et al. **Arch Dis Child** 1984 Dec;59(12):1131-4

Anti-Pseudomonas immunoglobulin. IV. Combined anti-Pseudomonas immunoglobulin and Pseudomonas vaccine immunotherapy of burned patients--clinical investigations. Sakiel S, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(5):523-8

Enhanced immune response in 'R' inbred rats by chemical and/or bacterial immunostimulation. I. Protection induced by Aerodin and Bronhodin associated or not with levamisole against experimental infection with Pseudomonas aeruginosa or grafting HR18 tumoral cells. Popescu C, et al. **Arch Roum Pathol Exp Microbiol** 1985 Jan-Mar;44(1):43-53

Efficacy of human gamma-globulin preparation in experimental pseudomonas aeruginosa infections in mice and its mode of action. Kamimura T. **Arzneimittelforsch** 1984;34(11):1528-34

A new polyvalent pseudomonas vaccine. Merle P, et al. **Behring Inst Mitt** 1984 Nov;(76):113-20

Inhibition by phosphoramidon of Pseudomonas aeruginosa elastase injected intracorneally in rabbit eyes. Kessler E, et al. **Curr Eye Res** 1984 Aug;3(8):1075-8

Protection against fatal Pseudomonas aeruginosa sepsis by immunization with smooth and rough lipopolysaccharides. Cryz SJ Jr, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):180-5

Prophylaxis of Pseudomonas aeruginosa infections in leukopenic mice by a combination of active and passive immunization. Martinez D, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):186-9

The influence of immunoglobulin on the development of Pseudomonas aeruginosa infection in an immunocompromised mouse model. Jupa-Marcinkowski V, et al. **J Biol Stand** 1985 Jul;13(3):235-42

Epidemiology of endemic Pseudomonas aeruginosa: why infection control efforts have failed. Olson B, et al. **J Infect Dis** 1984 Dec;150(6):808-16

Protection against infection with Pseudomonas aeruginosa by passive transfer of monoclonal antibodies to lipopolysaccharides and outer membrane proteins. Sawada S, et al. **J Infect Dis** 1984 Oct;150(4):570-6

The effects of antibiotic-supplemented bone allografts on contaminated, partially avulsive fractures of the canine ulna. Petri WH 3d, et al. **J Oral Maxillofac Surg** 1984 Nov; 42(11):699-704

Vaccines against Pseudomonas aeruginosa infection: 1. Experimental studies. Stanislavsky ES, et al. **Vaccine** 1985 Jun;3(2):128-36

[Use of homologous vaccine in Pseudomonas aeruginosa infection of the urinary tract in rats] Sprogis J. **Ann Acad Med Stetin** 1984;30:371-84 (Eng. Abstr.) **(Pol)**

[Use of a polyvalent vaccine against Pseudomonas aeruginosa in severely burned patients] Nasiłowski W, et al. **Pol Tyg Lek** 1984 Apr 23;39(17):557-61 (Eng. Abstr.) **(Pol)**

[Measures with regard to prevention and treatment of Pseudomonas infection in a traumatologic-orthopedic hospital] Arutcheva AA, et al. **Ortop Travmatol Protez** 1984 Dec;(12):12-5 (Eng. Abstr.) **(Rus)**

[Prevention and treatment of suppurative complications in craniocerebral injury] Kharitonva KI, et al. **Vestn Akad Med Nauk SSSR** 1984;(12):25-9 (Eng. Abstr.) **(Rus)**

[Polish preparations for preventing and treating infections caused by Pseudomonas aeruginosa] Schiller B, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):30-2 (Eng. Abstr.) **(Rus)**

SURGERY

Management of chronic sternal osteomyelitis. Johnson P, et al. **Ann Thorac Surg** 1985 Jul;40(1):69-72

THERAPY

The effects of systemic immunization of pulmonary clearance of Pseudomonas aeruginosa. Dunn MM, et al. **Am Rev Respir Dis** 1985 Mar;131(3):426-31

Investigations on the efficacy of specific immunization with corpuscular vaccines in urinary tract infections with Pseudomonas aeruginosa or mixed bacteria. Neagu V, et al. **Arch Roum Pathol Exp Microbiol** 1984 Jan-Mar; 43(1):39-52

Topical immunotherapy for pseudomonas keratitis in rabbits: use of antilipopolysaccharide plasma. Welsh NH, et al. **Br J Ophthalmol** 1984 Nov;68(11):828-32

Immunotherapeutic potential of monoclonal antibodies against Pseudomonas aeruginosa protein F. Hancock RE, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):224-7

Transcatheter renal artery embolization in the treatment of infected cutaneous ureterostomy. Greenstein A, et al. **Int Surg** 1985 Jan-Mar;70(1):85-6

[Pleural empyema in children--clinical analysis] Czernik J, et al. **Pediatr Pol** 1984 May;59(5):403-7 (Eng. Abstr.) **(Pol)**

[Experience with the treatment of suppurative-destructive diseases of the lungs] Sazonov AM, et al. **Klin Med (Mosk)** 1984 Dec;62(12):78-83 (Eng. Abstr.) **(Rus)**

[Effect of hyperbaric oxygenation on delayed hypersensitivity and antibody formation in patients with peritonitis] Belokurov IuN, et al. **Vestn Khir** 1984 Aug; 133(8):45-9 (Eng. Abstr.) **(Rus)**

[Low-frequency ultrasonic cavitation in suppurative surgical diseases] Ismailov AA, et al. **Vestn Khir** 1985 Feb; 134(2):146-9 (39 ref.) **(Rus)**

[Case of treatment of keratitis caused by Pseudomonas pyocyanea and complicated by candidiasis] Manukian ME. **Vestn Oftalmol** 1985 May-Jun;101(3):66-7 (Eng. Abstr.) **(Rus)**

[Effectiveness of a polyvalent corpuscular Pseudomonas aeruginosa vaccine, antibiotics and their combinations in experimental chronic Pseudomonas aeruginosa infection] Vetkova LG, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Mar;(3):51-6 (Eng. Abstr.) **(Rus)**

TRANSMISSION

[Pseudomonas aeruginosa in drinking water spouts of the hospital] Schoenen D, et al. **Off Gesundheitswes** 1985 Jan; 47(1):32-6 **(Ger)**

VETERINARY

Immunisation of sheep against experimental Pseudomonas aeruginosa dermatitis and fleece-rot associated body strike. Burrell DH. **Aust Vet J** 1985 Feb;62(2):55-7

Utilisation of wool wax by fleece-rot isolates of Pseudomonas aeruginosa. Merritt GC, et al. **Aust Vet J** 1984 Oct; 61(10):334

Complications from a testicular prosthesis in a stallion. Hinrichs K, et al. **J Am Vet Med Assoc** 1985 Feb 15; 186(4):390-1

Amikacin therapy for Pseudomonas cellulitis in an Amazon parrot. Junge RE, et al. **J Am Vet Med Assoc** 1985 Aug 15;187(4):417-8

Fleece-rot: the epidemiology and significance of the disease in sheep. Salisbury RH, et al. **J S Afr Vet Assoc** 1984 Sep; 55(3):147-51 (26 ref.)

PSEUDONEUROTIC SCHIZOPHRENIA see **SCHIZOTYPAL PERSONALITY DISORDER**

PSEUDOPOLYARTHRITIS, RHIZOMELIC see **POLYMYALGIA RHEUMATICA**

PSEUDOPREGNANCY

Ultrastructural localization of relaxin in the corpus luteum of the nonpregnant, pseudopregnant, and pregnant pig. Fields PA, et al. **Biol Reprod** 1985 Jun;32(5):1169-79

Origin of decidual cells in murine pregnancy and pseudopregnancy. Gambel P, et al. **Transplantation** 1985 Apr;39(4):443-5

BLOOD

Inhibin activity in ovarian venous plasma during pregnancy, pseudopregnancy and lactation in the rat. Taya K, et al. **Endocrinol Jpn** 1984 Aug;31(4):427-33

Opioid peptides in pseudocyesis. Devane GW, et al. **Obstet Gynecol** 1985 Feb;65(2):183-8

DIAGNOSIS

Pseudocyesis. Zuber T, et al. **Am Fam Physician** 1984 Nov; 30(5):131-4

ENZYMOLOGY

In vitro effects of PGF2 alpha and a metabolically stable derivative on 20 alpha-hydroxysteroid-dehydrogenase activity in corpora lutea isolated from pseudopregnant rat ovaries. Brambaifa N, et al. **Prostaglandins Leukotrienes Med** 1984 Aug;15(2):199-208

ETIOLOGY

[Pseudopregnancy and gastric adenocarcinoma (letter)] Echániz A, et al. **Med Clin (Barc)** 1984 Sep 15;83(7):307-8 **(Spa)**

IMMUNOLOGY

Pregnant and pseudopregnant mice produce a low cytotoxic alloantibody response when challenged by fetal but not adult F1 alloantigens. Marshall J, et al.

J Reprod Immunol 1985 May;7(3):243-8

METABOLISM

Fate of receptor-bound human chorionic gonadotrophin in pseudopregnant rat ovaries perfused in vitro. Rajaniemi H, et al. **Acta Endocrinol (Copenh)** 1985 May;109(1):115-21

The effects of pelvic neurectomy on collagen in the cervix of the pseudopregnant rat. Burden HW, et al. **Anat Rec** 1984 Dec;210(4):575-81

Effect of progesterone alone and in combination with either corticosterone, 17 beta-estradiol or insulin on prolactin-stimulated fatty acid synthesis in mammary explants from pseudopregnant rabbits. Martyn P, et al. **Aust J Biol Sci** 1984;37(1-2):79-84

Hormonal regulation of myometrial estrogen, progesterone, and oxytocin receptors in the pregnant and pseudopregnant hamster. Leavitt WW. **Endocrinology** 1985 Mar;116(3):1079-84

Steroid metabolism by endometrial and conceptus tissues during early pregnancy and pseudopregnancy in gilts. Fischer HE, et al. **J Reprod Fertil** 1985 Sep;75(1):69-78

Progesterone control of nuclear estrogen receptor: demonstration in hamster uterus during the estrous cycle and pseudopregnancy using a new exchange assay. Leavitt WW, et al. **J Steroid Biochem** 1985 May;22(5):583-8

PATHOLOGY

Alterations in epithelial glycocalyx of rabbit uteri during early pseudopregnancy and pregnancy, and following ovariectomy. Anderson TL, et al. **Am J Anat** 1984 Nov;171(3):321-34

Decidual changes in the endometrium and morphological adaptation of the associated supplying arteries in the normal and diabetic pseudopregnant rat. Norambuena J, et al. **Placenta** 1984 May-Jun;5(3):249-60

PHYSIOPATHOLOGY

Do catecholamines play a physiologic role in regulating corpus luteum function in the pseudopregnant rabbit? Gadsby JE, et al. **Biol Reprod** 1985 May;32(4):907-15

Progesterone and the control of functional luteolysis, of secretion of prolactin and of pituitary LHRH responsiveness. A study with pseudopregnant rats kept in alternating and constant lighting conditions. Schuiling GA, et al. **Neuroendocrinology** 1985 Jul;41(1):52-9

PSYCHOLOGY

Pseudocyesis in a 6-year-old girl: follow-up report at 23. Brooks JG. **J Am Acad Child Psychiatry** 1985 May;24(3):359-62

Pseudocyesis: psychologic and neuroendocrine interrelationships. Starkman MN, et al. **Psychosom Med** 1985 Jan-Feb;47(1):46-57

PSEUDOPSEUDOHYPOPARATHYR

COMPLICATIONS

[Pseudo-pseudohypoparathyroidism and hypothyroidism in a 3-year-old child] Storm K, et al. **Ugeskr Laeger** 1985 Feb 11;147(7):618-9 (Eng. Abstr.) **(Dan)**

[A case of primary hyperparathyroidism (adenoma) associated with Albright's hereditary osteodystrophy] Sasaki H, et al. **Nippon Naika Gakkai Zasshi** 1984 Sep;73(9):1325-33 **(Jpn)**

FAMILIAL & GENETIC

Differential diagnosis in young women with oligomenorrhea and the pseudo-pseudohypoparathyroidism variant of Albright's hereditary osteodystrophy. Halal F, et al. **Am J Med Genet** 1985 Jul;21(3):551-68

[Pseudo-pseudohypoparathyroidism. Familial occurrence of Albright's hereditary osteodystrophy] Larsen MF, et al. **Ugeskr Laeger** 1985 Feb 11;147(7):616-7 (Eng. Abstr.) **(Dan)**

[Pseudo-pseudo-hypoparathyroidism. Apropos of a familial case] Talon P, et al. **Ann Pediatr (Paris)** 1985 Mar 25;32(3 Pt 2):295-302 (Eng. Abstr.) **(Fre)**

[Albright's hereditary osteodystrophy] Alvarez de Santos M, et al. **Bol Med Hosp Infant Mex** 1984 Jun;41(6):345-9 (Eng. Abstr.) **(Spa)**

PSEUDOPSYCHOPATHIC SCHIZOPHRENIA see **SCHIZOTYPAL PERSONALITY DISORDER**

PSEUDOPSYCHOSIS see **FACTITIOUS DISORDERS**

PSEUDORABIES

DIAGNOSIS

Radial immunodiffusion enzyme assay for detection of antibodies to pseudorabies virus in swine serum. Joo HS, et al. **Am J Vet Res** 1984 Oct;45(10):2096-8

DNA hybridization procedure to detect pseudorabies virus DNA in swine tissue. McFarlane RG, et al. **Am J Vet Res** 19[illegible] May;46(5):1133-6

Evaluation of the radial immunodiffusion enzyme assay for the detection of antibodies to pseudorabies virus. Thawley DG, et al. **J Am Vet Med Assoc** 1985 May 15;186(10):1080-3

DRUG THERAPY

Chemotherapy of Aujeszky's disease (pseudorabies) in the mouse by means of nucleoside analogues: bromovinyldeoxyuridine, acyclovir, and dihydroxypropoxymethylguanine. Field HJ. **Antiviral Res** 1985 Jun;5(3):157-68

ETIOLOGY

Pathogenicity of a modified-live pseudorabies vaccine virus in lambs. Clark LK, et al. **J Am Vet Med Assoc** 1984 Dec 15;185(12):1535-7

[Pathogenesis and clinical aspects of Aujeszky's disease in cattle following an experimental infection through the respiratory, digestive and genital organs and through the skin] Hopp W, et al. **Zentralbl Veterinarmed [B]** 1985 Apr;32(4):287-305 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

Demonstration of pseudorabies viral antigen in thick and ultrathin tissue sections of young pigs using an immunogold method. Ducatelle R, et al. **Am J Vet Res** 1984 Oct;45(10):1913-7

[Cell-mediated cytotoxicity and lymphocyte stimulation in Aujeszky's disease. II. Following vaccination of swine and subsequent infection] Wittmann G, et al. **Zentralbl Veterinarmed [B]** 1985 Mar;32(3):181-96 (Eng. Abstr.) **(Ger)**

[Cell-mediated cytotoxicity and lymphocyte stimulation in Aujeszky's disease. I. In experimentally infected swine] Wittmann G, et al. **Zentralbl Veterinarmed [B]** 1985 Feb;32(2):101-15 (Eng. Abstr.) **(Ger)**

OCCURRENCE

[Epidemiology of Aujeszky's disease in Switzerland] Ehrensperger F, et al. **Schweiz Arch Tierheilkd** 1984 Aug;126(8):429-39 (Eng. Abstr.) **(Ger)**

[State and control of Aujeszky's disease in West Germany] Wittmann G. **Tierarztl Prax** 1984;12(2):141-7 **(Ger)**

PATHOLOGY

Pathologic effects of intrauterine deposition of pseudorabies virus on the reproductive tract of swine in early pregnancy. Bolin CA, et al. **Am J Vet Res** 1985 May;46(5):1039-42

Pathologic changes in pigs with prednisolone-induced recrudescence of herpesvirus infection. Narita M, et al. **Am J Vet Res** 1985 Jul;46(7):1506-10

Testicular changes observed in boars following experimental inoculation with pseudorabies (Aujeszky's) virus. Hall LB Jr, et al. **Can J Comp Med** 1984 Jul;48(3):303-7

An electron microscopic study of solar ganglia in piglets infected with Aujeszky's disease virus. Narita M, et al. **Natl Inst Anim Health Q (Tokyo)** 1983 Summer;23(2):61-6

Pseudorabies virus infection in piglets accompanying with the lesion of bilateral encephalomalacia. Nunoya T, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):165-9

Pseudorabies virus in dexamethasone-treated pigs. Narita M, et al. **Vet Pathol** 1985 Jul;22(4):417-9

PREVENTION & CONTROL

Vaccination of swine with thymidine kinase-deficient mutants of pseudorabies virus. McGregor S, et al. **Am J Vet Res** 1985 Jul;46(7):1494-7

Experimental infection of fattening pigs with pseudorabies (Aujeszky's disease) virus: efficacy of attenuated live- and inactivated-virus vaccines in pigs with or without passive immunity. Vannier P. **Am J Vet Res** 1985 Jul;46(7):1498-502

Intranasal vaccination of pigs against pseudorabies: absence of vaccinal virus latency and failure to prevent latency of virulent virus. van Oirschot JT, et al. **Am J Vet Res** 1984 Oct;45(10):2099-103

Intranasal vaccination of pigs against Aujeszky's disease: comparison with inactivated vaccines in pigs with low maternal antibody titres. De Leeuw PW, et al. **Res Vet Sci** 1985 Jul;39(1):34-8

Aujeszky's disease: control strategies [letter] Done JT. **Vet Rec** 1985 Jan 19;116(3):82

Vaccination against Aujeszky's disease: field experiences. McCracken RM, et al. **Vet Rec** 1984 Oct 6;115(14):348-52

Parenteral and intranasal vaccination of fattening pigs against Aujeszky's disease (pseudorabies). Pensaert M, et al. **Zentralbl Veterinarmed [B]** 1984 Oct;31(9):682-9

Vaccination confers protection against Aujeszky's disease in cattle. van Oirschot JT, et al. **Zentralbl Veterinarmed [B]** 1985 Mar;32(3):173-80

[Simultaneous vaccination against Aujeszky's disease and European hog cholera] Bengelsdorff HJ, et al. **Berl Munch Tierarztl Wochenschr** 1985 Apr 1;98(4):109-12 (Eng. Abstr.) **(Ger)**

PSEUDORABIES VIRUS

ANALYSIS

DNA hybridization procedure to detect pseudorabies virus DNA in swine tissue. McFarlane RG, et al. **Am J Vet Res** 1985 May;46(5):1133-6

Evaluation of field isolates of pseudorabies (Aujeszky's disease) virus as determined by restriction endonuclease analysis and hybridization. Pirtle EC, et al. **Am J Vet Res** 1984 Oct;45(10):1906-12

Comparison of the genomes of pseudorabies (Aujeszky's disease) virus strains by restriction endonuclease analysis. Pritchett RF, et al. **Am J Vet Res** 1984 Dec;45(12):2486-9

Characterization of the envelope proteins of pseudorabies virus. Hampl H, et al. **J Virol** 1984 Nov;52(2):583-90

Demonstration of three major species of pseudorabies virus glycoproteins and identification of a disulfide-linked glycoprotein complex. Lukàcs N, et al. **J Virol** 1985 Jan;53(1):166-73

DRUG EFFECTS

Combined antiviral effects of flavonoids and 5-ethyl-2'-deoxyuridine on the multiplication of herpesviruses. Mucsi I. **Acta Virol (Praha)** 1984 Sep;28(5):395-400

ENZYMOLOGY

Protein kinase activities associated with the virions of pseudorabies and herpes simplex virus. Stevely WS, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):661-73

[Thymidine kinase activity of virulent and vaccinal strains of Aujeszky's disease virus] Khristova V, et al. **Vet Med Nauki** 1985;22(3):15-22 (Eng. Abstr.) **(Bul)**

GENETICS

Attenuated properties of thymidine kinase-negative deletion mutant of pseudorabies virus. Kit S, et al. **Am J Vet Res** 1985 Jun;46(6):1359-67

Stability of virulent pseudorabies (Aujeszky's disease) viral genome after single passage through nonswine animal species. Pirtle EC. **Can J Comp Med** 1984 Jul;48(3):327-8

A comparison of the genomes of bovine herpesvirus type 1 and pseudorabies virus. Bush CE, et al. **J Gen Virol** 1985 Aug;66 (Pt 8):1811-7

Genome differences among field isolates and vaccine strains of pseudorabies virus. Gielkens AL, et al. **J Gen Virol** 1985 Jan;66 (Pt 1):69-82

Construction of E. coli expression plasmid libraries: localization of a pseudorabies virus glycoprotein gene. Robbins AK, et al. **J Mol Appl Genet** 1984;2(5):485-96

Genetic basis of the neurovirulence of pseudorabies virus. Lomniczi B, et al. **J Virol** 1984 Oct;52(1):198-205

Mapping of the structural gene of pseudorabies virus glycoprotein A and identification of two non-glycosylated precursor polypeptides. Mettenleiter TC, et al. **J Virol** 1985 Jan;53(1):52-7

Mapping and sequence of the gene for the pseudorabies virus glycoprotein which accumulates in the medium of infected cells. Rea TJ, et al. **J Virol** 1985 Apr;53(4):21-9

Differential association with cellular substructures of pseudorabies virus DNA during early and late phases of replication. Ben-Porat T, et al. **Virology** 1984 Dec;139(2):205-22

IMMUNOLOGY

Demonstration of pseudorabies viral antigen in thick and ultrathin tissue sections of young pigs using an immunogold method. Ducatelle R, et al. **Am J Vet Res** 1984 Oct;45(10):1913-7

Radial immunodiffusion enzyme assay for detection of antibodies to pseudorabies virus in swine serum. Joo HS, et al. **Am J Vet Res** 1984 Oct;45(10):2096-8

Vaccination of swine with thymidine kinase-deficient mutants of pseudorabies virus. McGregor S, et al. **Am J Vet Res** 1985 Jul;46(7):1494-7

Specificity of pseudorabies virus serotests. Neill JD, et al. **Am J Vet Res** 1984 Dec;45(12):2675-6

Experimental infection of fattening pigs with pseudorabies (Aujeszky's disease) virus: efficacy of attenuated live- and inactivated-virus vaccines in pigs with or without passive immunity. Vannier P. **Am J Vet Res** 1985 Jul;46(7):1498-502

Intranasal vaccination of pigs against pseudorabies: absence of vaccinal virus latency and failure to prevent latency of virulent virus. van Oirschot JT, et al. **Am J Vet Res** 1984 Oct;45(10):2099-103

Pathogenicity of a modified-live pseudorabies vaccine virus in lambs. Clark LK, et al. **J Am Vet Med Assoc** 1984 Dec 15;185(12):1535-7

Evaluation of the radial immunodiffusion enzyme assay for the detection of antibodies to pseudorabies virus. Thawley DG, et al. **J Am Vet Med Assoc** 1985 May 15;186(10):1080-3

Intranasal vaccination of pigs against Aujeszky's disease: comparison with inactivated vaccines in pigs with low maternal antibody titres. De Leeuw PW, et al. **Res Vet Sci** 1985 Jul;39(1):34-8

Natural cytotoxicity detected in swine using Aujeszky's disease virus infected targets. Martin S, et al. **Res Vet Sci** 1984 Sep;37(2):211-8

Some characteristics of four attenuated vaccine virus strains and a virulent strain of Aujeszky's disease virus. van Oirschot JT, et al. **Vet Q** 1984 Sep;6(4):225-9

Vaccination against Aujeszky's disease: field experiences. McCracken RM, et al. **Vet Rec** 1984 Oct 6;115(14):348-52

Parenteral and intranasal vaccination of fattening pigs against Aujeszky's disease (pseudorabies). Pensaert M, et al.

Zentralbl Veterinarmed [B] 1984 Oct;31(9):682-9

Vaccination confers protection against Aujeszky's disease in cattle. van Oirschot JT, et al. **Zentralbl Veterinarmed** [B] 1985 Mar;32(3):173-80

[Simultaneous vaccination against Aujeszky's disease and European hog cholera] Bengelsdorff HJ, et al. **Berl Munch Tierarztl Wochenschr** 1985 Apr 1;98(4):109-12 (Eng. Abstr.) **(Ger)**

[Cell-mediated cytotoxicity and lymphocyte stimulation in Aujeszky's disease. II. Following vaccination of swine and subsequent infection] Wittmann G, et al. **Zentralbl Veterinarmed** [B] 1985 Mar;32(3):181-96 (Eng. Abstr.) **(Ger)**

ISOLATION & PURIFICATION

[Survival of Aujeszky's disease virus in infected pig slurry] Smid B, et al. **Vet Med (Praha)** 1985 Jul;30(7):419-24 (Eng. Abstr.) **(Cze)**

PATHOGENICITY

Quantitative evaluation of syncytium formation in cell culture by British isolates of Aujeszky's disease virus. Harkness JW, et al. **Br Vet J** 1985 Mar-Apr;141(2):151-9

Presence of markers for virulence in the unique short region or repeat region or both of pseudorabies hybrid viruses. Berns A, et al. **J Virol** 1985 Jan;53(1):89-93

Pseudorabies virus avirulent strains fail to express a major glycoprotein. Mettenleiter TC, et al. **J Virol** 1985 Oct; 56(1):307-11

PHYSIOLOGY

[Multiplication of Aujeszky's disease virus MK-25 on chick fibroblast cell cultures] Velichkova M, et al. **Vet Med Nauki** 1984;21(6):28-33 (Eng. Abstr.) **(Bul)**

PSEUDOSCLEROSIS see **HEPATOLENTICULAR DEGENERATION**

PSEUDOTUBERCULOSIS see **SARCOIDOSIS**

PSEUDOTUBERCULOSIS, YERSINIA see under **YERSINIA INFECTIONS**

PSEUDOTUMOR ,CEREBRI

Benign intracranial hypertension in menarche. Tessler Z, et al. **Compr Ther** 1985 May;11(5):16-8

[Benign intracranial hypertension syndrome (BIH) in pregnancy] Kudela M. **Cesk Gynekol** 1984 Dec; 49(10):734-6 **(Cze)**

CHEMICALLY INDUCED

Intracranial hypertension due to acute vitamin A intoxication. Gangemi M, et al. **Acta Neurol (Napoli)** 1985 Feb;7(1):27-31

Pseudotumor cerebri following treatment of hypothyroidism [letter] Rohn R. **Am J Dis Child** 1985 Aug;139(8):752

Acute intracranial hypertension during amiodarone infusion. Cordon Lopez A, et al. **Crit Care Med** 1985 Aug; 13(8):688-9

Pseudotumor cerebri secondary to lithium carbonate. Saul RF, et al. **JAMA** 1985 May 17;253(19):2869-70

Liver lover's headache: pseudotumor cerebri and vitamin A intoxication [letter] Selhorst JB, et al. **JAMA** 1984 Dec 28;252(24):3365

Vitamin A intoxication [letter] Underwood BA. **JAMA** 1985 Jul 12;254(2):232-3

Pseudotumor cerebri caused by a synthetic vitamin A preparation. Spector RH, et al. **Neurology** 1984 Nov; 34(11):1509-11

The oral contraceptive pill and benign intracranial hypertension [letter] Soysa ND. **NZ Med J** 1985 Aug 14; 98(784):656

[Benign intracranial hypertension. Apropos of 4 drug-induced cases] Vespignani H, et al. **Rev Otoneuroophtalmol** 1984 May-Jun;56(3):277-86 (Eng. Abstr.) **(Fre)**

COMPLICATIONS

Pseudotumor cerebri. Repka MX, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):741-6

Bulimia associated with increased intracranial pressure [letter] Pelosi AJ, et al. **Am J Psychiatry** 1985 Sep; 142(9):1128

Sudden visual loss in pseudotumor cerebri due to central retinal artery occlusion. Baker RS, et al. **Arch Neurol** 1984 Dec;41(12):1274-6

Vertical ocular motility disturbance in pseudotumor cerebri. Baker RS, et al. **J Clin Neuro Ophthalmol** 1985 Mar; 5(1):41-4

Juxtapapillary subretinal hemorrhages in pseudotumor cerebri. Coppeto JR, et al. **J Clin Neuro Ophthalmol** 1985 Mar;5(1):45-53

Pseudotumor cerebri associated with cerebral venous sinus thrombosis, internal jugular vein thrombosis, and systemic lupus erythematosus. Kaplan RE, et al. **J Pediatr** 1985 Aug; 107(2):266-8

Factors affecting visual loss in benign intracranial hypertension. Orcutt JC, et al. **Ophthalmology** 1984 Nov; 91(11):1303-12

Otologic symptoms and findings of the pseudotumor cerebri syndrome: a preliminary report. Sismanis A, et al. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):398-402

Depression and benign intracranial hypertension. Ross DR, et al. **Psychosomatics** 1985 May;26(5):387-9, 393

[Electrocardiographic changes in intracranial hypertension] Oneglia C, et al. **Minerva Cardioangiol** 1984 Nov; 32(11):847-50 (Eng. Abstr.) **(Ita)**

DIAGNOSIS

Increased ICP without ventriculomegaly. Diagnostic and therapeutic problems in a 1-year-old boy. Brawanski A, et al. **Childs Nerv Syst** 1985;1(1):66-8

Whence pseudotumor cerebri? [editorial] Smith JL. **J Clin Neuro Ophthalmol** 1985 Mar;5(1):55-6

[Pseudotumor cerebri in children] Ignatowicz R, et al. **Pol Tyg Lek** 1985 Apr 8-15;40(14-15):435-7 (Eng. Abstr.) **(Pol)**

[Transillumination, hydrocephalometry and encephalovolumopulsography in studies of the central nervous system in children] Emeryk A, et al. **Wiad Lek** 1984 Jun 1;37(11):853-6 (40 ref.) **(Pol)**

[Benign intracranial hypertension. Analysis of a series of 26 cases] Alguacil Muñoz A, et al. **Rev Clin Esp** 1985 Apr; 176(7):340-5 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

The University of Toronto head injury treatment study: a prospective, randomized comparison of pentobarbital and mannitol. Schwartz ML, et al. **Can J Neurol Sci** 1984 Nov; 11(4):434-40

[Action of trazodone on pyramidal hypertension. Clinical study] Montanini R, et al. **Riv Neurol** 1984 Nov-Dec; 54(6):367-73 (Eng. Abstr.) **(Ita)**

[Effect of osmotic diuretics and saluretics on intracranial pressure in posttraumatic brain edema] Vasin NIa, et al. **Zh Vopr Neirokhir** 1984 Nov-Dec;(6):21-8 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Alternate causes of pseudotumor cerebri [letter] Van Dop C. **Am J Dis Child** 1985 Jun;139(6):545-6

Continuous measurement of subarachnoid pressure in the severely asphyxiated newborn [letter] Dear PR. **Arch Dis Child** 1985 Apr;60(4):396-7

The changing picture of pseudotumor cerebri in children. Couch R, et al. **Can J Neurol Sci** 1985 Feb;12(1):48-50

Spectrum of benign intracranial hypertension in children and adolescents. Amacher AL, et al. **Childs Nerv Syst** 1985; 1(2):81-6

Intracranial hypertension secondary to tension subcutaneous emphysema. Coelho JC, et al. **Crit Care Med** 1985 Jun; 13(6):512-3

Pseudotumor cerebri associated with hypovitaminosis A and hyperthyroidism. Roos RA, et al. **Dev Med Child Neurol** 1985 Apr;27(2):246-8

Pseudotumor cerebri and nutritional rickets. DeJong AR, et al. **Eur J Pediatr** 1985 Jan;143(3):219-20

Pseudotumour cerebri and the Turner syndrome. Sybert VP, et al. **J Neurol Neurosurg Psychiatry** 1985 Feb;48(2):164-6

Abnormal TSH regulation, pseudotumor cerebri, and empty sella after replacement therapy in juvenile hypothyroidism. McVie R. **J Pediatr** 1984 Nov;105(5):768-70

Pseudotumor cerebri in pregnancy. Case reports and review of literature. Peterson CM, et al. **Obstet Gynecol Surv** 1985 Jun;40(6):323-9

[Pseudotumor cerebri] Van den Bergh R, et al. **Verh K Acad Geneeskd Belg** 1984;46(2):81-93 (Eng. Abstr.) **(Dut)**

[Intracranial hypertension caused by lateral sinus thrombosis in Vaquez's disease] Lauvin R, et al. **Rev Med Interne** 1985 Mar;6(2):158-61 **(Fre)**

[Stasis papilledema in Vaquez' disease. Apropos of 2 cases] Pinel JF, et al. **Rev Otoneuroophtalmol** 1984 Jul-Dec; 56(4-5):371-8 (Eng. Abstr.) **(Fre)**

[Disorders of cerebrospinal fluid dynamics in the acute period of mild closed cranio-cerebral injuries] Kurako IuL, et al. **Vrach Delo** 1985 Feb;(2):95-9 (Eng. Abstr.) **(Rus)**

[Pseudotumor cerebri associated with iron-deficiency anemia] Astarloa R, et al. **Rev Clin Esp** 1985 Apr; 176(7):356-8 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Familial pseudotumor cerebri and the empty sella syndrome. Shapiro I, et al. **Ann Ophthalmol** 1980 Sep;12(9):1045-8

METABOLISM

Cerebrospinal fluid and plasma vasopressin during short-time induced intracranial hypertension. Sørensen PS, et al. **Acta Neurochir (Wien)** 1985;77(1-2):46-51

OCCURRENCE

[Benign intracranial hypertension in infants] Drigo P, et al. **Pediatr Med Chir** 1983 Nov-Dec;5(6):583-5 (Eng. Abstr.) **(Ita)**

PATHOLOGY

Dynamics of eye fundus changes in two types of experimental brain oedema. Birndtová E, et al. **Acta Physiol Hung** 1984; 64(1):41-8

PHYSIOPATHOLOGY

Influence of blood pressure on tolerance to an intracranial expanding mass. Schrader H, et al. **Acta Neurol Scand** 1985 Feb;71(2):114-26

Regional cerebral blood flow and CSF pressures during Cushing response induced by a supratentorial expanding mass. Schrader H, et al. **Acta Neurol Scand** 1985 Jun; 71(6):453-63

Intracranial pressure, conductance to cerebrospinal fluid outflow, and cerebral blood flow in patients with benign intracranial hypertension (pseudotumor cerebri). Gjerris F, et al. **Ann Neurol** 1985 Feb;17(2):158-62

Papiloedema: benign intracranial hypertension in menarche. Tessler Z, et al. **Ann Ophthalmol** 1985 Jan;17(1):76-7

Visual evoked potentials in pseudotumor cerebri. Sørensen PS, et al. **Arch Neurol** 1985 Feb;42(2):150-3

Pseudotumour cerebri in association with polyarthritis, urticaria and cryoglobulinemia. Drucker DJ, et al. **Can Med Assoc J** 1985 Jan 15;132(2):147-9

A nonlinear least-squares method for determining cerebrospinal fluid formation and absorption kinetics in pseudotumor cerebri. Guess HA, et al. **Comput Biomed Res** 1985 Apr;18(2):184-92

Ophthalmological features of pseudo-tumor cerebri. Report on 18 cases. Aulhorn E. **Doc Ophthalmol** 1984 Aug 15; 58(1):25-33

Pseudotumor cerebri and a long-term intracranial pressure monitoring device. McDonald LS. **J Neurosurg Nurs** 1984 Dec;16(6):299-305

Regional cerebral oxygen utilization, blood flow, and blood volume in benign intracranial hypertension studied by positron emission tomography. Brooks DJ, et al. **Neurology** 1985 Jul;35(7):1030-4

[Water-electrolyte changes caused by osmotic diuretics and furosemide use in the treatment of intracranial hypertension] Di Giugno G, et al. **Minerva Anestesiol** 1984 Sep;50(9):447-58 (Eng. Abstr.) **(Ita)**

[Analysis of pulse wave recorded on epidural pressure in acute intracranial hypertension] Tokutomi T, et al. **Neurol Med Chir (Tokyo)** 1985 Jun;25(6):418-24 (Eng. Abstr.) **(Jpn)**

[Changes in the visual fields in patients with occlusive-hydrocephalus and hypertension syndromes] Zadoiannyl LV. **Oftalmol Zh** 1985;(1):33-6 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Intracranial hypertension in Behçet's disease: demonstration of sinus occlusion with use of digital subtraction angiography. Harper CM Jr, et al. **Mayo Clin Proc** 1985 Jun;60(6):419-22

A suggested relationship between sagittal synostosis, intracranial hypertension and hydrocephalus. Mawk JR, et al. **Minn Med** 1985 Jul;68(7):562-3

Computed tomography in benign intracranial hypertension. Weisberg LA. **Neurology** 1985 Jul;35(7):1075-8

SURGERY

Decompression of the perioptic meninges for relief of papilloedema in benign intracranial hypertension. Subburam P, et al. **Indian J Ophthalmol** 1984 Jan-Feb; 32(1):9-12

Lateral sinus reconstructive surgery: treatment of intracranial hypertension by venous anastomosis. George B, et al. **Neurol Res** 1984 Dec;6(4):203-6

THERAPY

[Intracranial pressure in severe brain injuries. 2nd Part: Therapeutic interests and prognosis] Born JD, et al. **Neurochirurgie** 1984;30(5):329-34 (Eng. Abstr.) **(Fre)**

PSEUDOURIDINE see under **URIDINE**

PSEUDOXANTHOMA ELASTICUM

Pseudoxanthoma elasticum and pregnancy. Two case reports. Lao TT, et al. **Br J Obstet Gynaecol** 1984 Oct; 91(10):1049-50

CHEMICALLY INDUCED

Pseudoxanthoma elasticum-like skin changes induced by penicillamine. Meyrick Thomas RH, et al. **J R Soc Med** 1984 Sep;77(9):794-8

COMPLICATIONS

Recurrent hematemesis and diffuse 'gooseflesh'. Turck M **Hosp Pract [Off]** 1984 Dec;19(12):133, 136, 139

Neurological complications of Grönblad-Strandberg syndrome. Fasshauer K, et al. **J Neurol** 1984;231(5):250-2

[Aortic and valvular lesions in pseudoxanthoma elasticum (letter)] Pernot C. **Arch Fr Pediatr** 1985 Jan;42(1):63 **(Fre)**

DIAGNOSIS

[Arterial circulatory disorders of the legs in pseudoxanthoma elasticum. Grönblad-Strandberg syndrome] Müller-Bühl U, et al. **Internist (Berlin)** 1984 Jun;25(6):375-8 **(Ger)**

ETIOLOGY

Perforating pseudoxanthoma elasticum associated with chronic renal failure and hemodialysis. Nickoloff BJ, et al. **Arch Dermatol** 1985 Oct;121(10):1321-2

FAMILIAL & GENETIC

Manifestations of pseudoxanthoma elasticum during pregnancy: a case report and review of the literature. Elejalde BR, et al. **Am J Med Genet** 1984 Aug;18(4):755-62

Pseudoxanthoma elasticum in South Africa--genetic and clinical implications. Viljoen DL, et al. **S Afr Med J** 1984 Nov 24;66(21):813-6

METABOLISM

Pseudoxanthoma elasticum: high calcium intake in early life correlates with severity. Renie WA, et al. **Am J Med Genet** 1984 Oct;19(2):235-44

Ultrastructural and histochemical analysis of thready material in Pseudoxanthoma elasticum. Yamamura T, et al. **J Cutan Pathol** 1984 Aug;11(4):282-91

PATHOLOGY

Three-dimensional architecture of altered dermal elastic fibers in pseudoxanthoma elasticum: scanning electron microscopic studies. Tsuji T. **J Invest Dermatol** 1984 May;82(5):518-21

[Light and electron microscopy of pseudoxanthoma elasticum] Vogel A, et al. **Hautarzt** 1985 May;36(5):269-73 (Eng. Abstr.) (Ger)

[Groenblad-Strandberg syndrome] Schneider T, et al. **Z Hautkr** 1984 Oct 1;59(19):1290-2, 1297-300 (Eng. Abstr.) (Ger)

PHYSIOPATHOLOGY

[Clinical aspects and genetics of pseudoxanthoma elasticum] Stutz SB, et al. **Hautarzt** 1985 May;36(5):265-8 (Eng. Abstr.) (Ger)

PSILOCYBINE

Mushroom use by college students. Thompson JP, et al. **J Drug Educ** 1985;15(2):111-24

ANALOGS & DERIVATIVES

An aqueous-organic extraction method for the isolation and identification of psilocin from hallucinogenic mushrooms. Casale JF. **J Forensic Sci** 1985 Jan;30(1):247-50

A technique for the rapid isolation and identification of psilocin from psilocin/psilocybin-containing mushrooms. Lee RE. **J Forensic Sci** 1985 Jul;30(3):931-41

ANALYSIS

Qualitative and quantitative determinations of hallucinogenic components of psilocybe mushrooms by reversed-phase high-performance liquid chromatography. Vanhaelen-Fastré R, et al. **J Chromatogr** 1984 Nov 16;312:467-72

A technique for the rapid isolation and identification of psilocin from psilocin/psilocybin-containing mushrooms. Lee RE. **J Forensic Sci** 1985 Jul;30(3):931-41

ISOLATION & PURIFICATION

[Comparative thin layer chromatography studies of two psilocybes and a hallucinogenic inocybe] Gartz J. **Pharmazie** 1985 Feb;40(2):134 (Ger)

PSITTACINES

Proventricular dilatation syndrome in large psittacine birds. Clark FD. **Avian Dis** 1984 Jul-Sep;28(3):813-5

Isolation and experimental chicken-embryo-inoculation studies with budgerigar papovavirus. Lynch J, et al. **Avian Dis** 1984 Oct-Dec;28(4):1135-9

Pacheco's disease in psittacine birds. Panigrahy B, et al. **Avian Dis** 1984 Jul-Sep;28(3):808-12

Necrotizing hepatitis associated with a reo-like virus infection in a parrot. Wilson RB, et al. **Avian Dis** 1985 Apr-Jun;29(2):568-71

'Atypical pneumonia' due to parakeet sensitivity: bird fancier's lung in a 10-year-old girl. Barker PM, et al. **Br J Dis Chest** 1984 Oct;78(4):404-7

Amikacin therapy for Pseudomonas cellulitis in an Amazon parrot. Junge RE, et al. **J Am Vet Med Assoc** 1985 Aug 15;187(4):417-8

Enterolithiasis in an umbrella cockatoo. Kollias GV, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1407-8

What is your diagnosis? Intramural mass in the proventriculus. Levine BS. **J Am Vet Med Assoc** 1984 Oct 15;185(8):911-2

Encephalitozoonosis in a parrot. Poonacha KB, et al. **J Am Vet Med Assoc** 1985 Apr 1;186(7):700-2

A stereotaxic headholder for Psittacidae. Delsaut M, et al. **J Neurosci Methods** 1985 Jun;14(1):1-4

Diabetes mellitus in a budgerigar (Melopsittacus undulatus). Appleby RC. **Vet Rec** 1984 Dec 22-29;115(25-26):652-3

'Going-light' and psittacosis [letter] Hosie BD, et al. **Vet Rec** 1985 May 4;116(18):502

[Acute pullorum disease in hawk-headed parrots (Deroptyus accipitrinus fuscifrons)] Ehrsam H. **Schweiz Arch Tierheilkd** 1985 Jun;127(6):397-400 (Eng. Abstr.) (Ger)

ANATOMY & HISTOLOGY

A morphological study of the ultimobranchial body in the grass parakeet. Takagi I, et al. **Arch Histol Jpn** 1984 Oct;47(4):377-85

BLOOD

Effect of exogenous ACTH on serum corticosterone and cortisol concentrations in the Moluccan cockatoo (Cacatua moluccensis). Walsh MT, et al. **Am J Vet Res** 1985 Jul;46(7):1584-8

MICROBIOLOGY

Enigmatic psittacine chlamydiosis: results of serotesting and isolation attempts, 1978 through 1983, and considerations for the future. Grimes JE. **J Am Vet Med Assoc** 1985 May 15;186(10):1075-9

Epornitic of papova-like virus-associated disease in a psittacine nursery. Jacobson ER, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1337-41

Prevalence of Chlamydia psittaci in imported psittacine birds from 1981 to 1983. Hirai K, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):929-31

PARASITOLOGY

Sarcocystis encephalitis in a cockatiel. Jacobson ER, et al. **J Am Vet Med Assoc** 1984 Oct 15;185(8):904-6

PHYSIOLOGY

Thyrotropin stimulation test for evaluation of thyroid function in psittacine birds. Lothrop CD Jr, et al. **J Am Vet Med Assoc** 1985 Jan 1;186(1):47-8

PSITTACOSIS see **ORNITHOSIS**

PSITTACOSIS-LYMPHOGRANULOMA GROUP see **CHLAMYDIA**

PSORALENS

Interstrand psoralen cross-links do not introduce appreciable bends in DNA. Sinden RR, et al. **Biochemistry** 1984 Dec 18;23(26):6299-303

Psoralen-crosslinking of soluble and of H1-depleted soluble rat liver chromatin. Conconi A, et al. **J Mol Biol** 1984 Oct 5;178(4):920-8

Psoralen-crosslinking of DNA as a probe for the structure of active nucleolar chromatin. Sogo JM, et al. **J Mol Biol** 1984 Oct 5;178(4):897-919

Photobiologic, toxicologic, and pharmacologic aspects of psoralens. Proceedings of a conference, Research Triangle Park, North Carolina, March 1-3, 1982. **Natl Cancer Inst Monogr** 1984 Dec;66:1-261

In vitro characterization of the reaction of four psoralen derivatives with DNA. Isaacs ST, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:21-30

In vitro photoreactions of selected psoralens and methylangelicins with DNA, RNA, and proteins. Rodighiero G, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:31-40 (62 ref.)

Photoreactive states of furocoumarins. Song PS. **Natl Cancer Inst Monogr** 1984 Dec;66:15-9

DNA-binding of water-soluble furocoumarins: a thermodynamic and conformational approach to understanding different biological effects. Palumbo M, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8567-78

Electrophoretic separation of furocoumarin: DNA photoadducts. Calvin NM, et al. **Photochem Photobiol** 1984 Aug;40(2):161-70

Wavelength dependence for AMT crosslinking of pBR322 DNA. Gasparro FP, et al. **Photochem Photobiol** 1984 Aug;40(2):215-9

The reaction of the psoralens with deoxyribonucleic acid. Hearst JE, et al. **Q Rev Biophys** 1984 Feb;17(1):1-44 (44 ref.)

ADMINISTRATION & DOSAGE

[Use of microexplosions as a new physiotherapeutic method in the treatment of psoriasis] Lenskiĭ AS, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):4-5 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

Hyperpigmentation induced by furocoumarins. Rodighiero G. **Farmaco [Prat]** 1985 Jun;40(6):173-86

Phytophotodermatitis due to ficus carica. Lembo G, et al. **Photodermatol** 1985 Apr;2(2):119-20

[Phytophotodermatitis caused by fig tree] Goitre M, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec;119(6):435-6 (Ita)

ANALYSIS

Mechanism of photosensitivity reactions to diseased celery. Ashwood-Smith MJ, et al. **Br Med J [Clin Res]** 1985 Apr 27;290(6477):1249

Molecular conformation of N,N-dimethyl-4-amino-3-chloroangelicin C13H10O3NCl. Benetollo F, et al. **Farmaco [Sci]** 1984 Dec;39(12):979-90

Furanocoumarins from Maquira calophylla. Rovinski JM, et al. **J Nat Prod** 1984 May-Jun;47(3):557

Chemical characterization of psoralens used in the National Toxicology Program research projects. Jameson CW, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:103-13

Spectrofluorimetric determination of trioxsalen. Mohamed ME, et al. **Pharmazie** 1984 Oct;39(10):708-9

BLOOD

Quantitative tests for psoralens in the blood: methods and uses in monitoring psoralen and longwave radiation therapy. Carter DM, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:69-72

CHEMICAL SYNTHESIS

Synthesis of some bergapten and ammajin derivatives with potential antibacterial activity. El-Sharief AM, et al. **Pharmazie** 1984 Nov;39(11):745-7

DIAGNOSTIC USE

Psoralens as photoactive probes of nucleic acid structure and function: organic chemistry, photochemistry, and biochemistry. Cimino GD, et al. **Annu Rev Biochem** 1985;54:1151-93 (195 ref.)

Chromatin dynamics. Fast and slow modes of nucleosome movement revealed through psoralen binding and repair. Cleaver JE. **Biochim Biophys Acta** 1985 Feb 20;824(2):163-73

Mapping the location of psoralen crosslinks on RNA by mung bean nuclease sensitivity of RNA.DNA hybrids. Hui CF, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1381-5

ISOLATION & PURIFICATION

Identification of psoralen, 8-methoxypsoralen, isopimpinellin, and 5,7-dimethoxycoumarin in Pelea anisata H. Mann. Yoke Marchant Y, et al. **Contact Dermatitis** 1985 Apr;12(4):196-9

High pressure liquid chromatographic separation of furocoumarins in Heracleum laciniatum. Kavli G, et al. **Photodermatol** 1984 Apr;1(2):85-6

METABOLISM

Pharmacokinetics and pharmacodynamics of psoralens after oral administration: considerations and conclusions. Brickl R, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:63-7

Repair of furocoumarin adducts in mammalian cells. Zolan ME, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:137-42

Clinical pharmacology of oral psoralen drugs. Brickl R, et al. **Photodermatol** 1984 Aug;1(4):174-86 (59 ref.)

A possible mechanism of psoralen phototoxicity not involving direct interaction with DNA. Laskin JD, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6158-62

PHARMACODYNAMICS

Antiviral properties of psoralen derivatives: a biological and physico-chemical investigation. Palù G, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3451-6

Psoralen-DNA crosslink repair in human lymphocytes. Comparison of alkaline elution with electron microscopy. Bohr V, et al. **Biochim Biophys Acta** 1984 Nov 22;783(2):183-6

Impairment to viability of neutrophils and lymphocytes by angular psoralens and UV-radiation. Walther T, et al. **Biomed Biochim Acta** 1985;44(2):329-33

Use of a psoralen-induced phenocopy to study genes controlling spermatogenesis in Caenorhabditis elegans. Edgar LG, et al. **Dev Biol** 1985 Sep;111(1):108-18

Effects of psoralen on replicon size and mean rate of DNA synthesis in partially synchronized cells of Pisum sativum L. Francis D, et al. **Exp Cell Res** 1985 Jun;158(2):500-8

Photobiological properties of furothiocoumarins in Saccharomyces cerevisiae. Jüttermann R, et al. **Farmaco [Sci]** 1985 Jan;40(1):3-13

Fanconi anaemia cells are not uniformly deficient in unhooking of DNA interstrand crosslinks, induced by mitomycin C or 8-methoxypsoralen plus UVA. Poll EH, et al. **Hum Genet** 1984;68(3):228-34

Photodynamic inactivation and mutagenesis by angelicin (isopsoralen) or thiopyronin (methylene red) in wild-type and repair-deficient strains of bacteriophage T4. Drake JW. **J Bacteriol** 1985 Jun;162(3):1311-3

Enhanced sensitivity of Escherichia coli umuC to photodynamic inactivation by angelicin (isopsoralen). Miller SS, et al. **J Bacteriol** 1985 Jun;162(3):1307-10

Psoralens increase the concentration of cyclic AMP in human cells in vitro. Albrightson CR, et al. **J Invest Dermatol** 1985 Sep;85(3):264-8

Psoralenamines. 3. Synthesis, pharmacological behavior, and DNA binding of 5-(aminomethyl)-8-methoxy-, 5-[[(3-aminopropyl)oxy]methyl]-, and 8-[(3-aminopropyl)oxy]psoralen derivatives. Hansen JB, et al. **J Med Chem** 1985 Aug;28(8):1001-10

Mutagenic SOS repair of site-specific psoralen damage in plasmid pBR322. Saffran WA, et al. **J Mol Biol** 1984 Sep 25;178(3):595-609

Psoralen pharmacology: studies on metabolism and enzyme induction. Bickers DR, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:77-84

The complete pattern of mutagenesis arising from the repair of site-specific psoralen crosslinks: analysis by oligonucleotide hybridization. Saffran WA, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9237-48

3-Carbethoxypyranocoumarin, a photoreactive derivative of xanthyletin with interesting photobiological properties. Averbeck D, et al. **Photochem Photobiol** 1985 Apr; 41(4):401-8

Efficiency of repair of pyrimidine dimers and psoralen monoadducts in normal and xeroderma pigmentosum human cells. Cleaver JE, et al. **Photochem Photobiol** 1984 Nov;40(5):621-9

Efficient formation of a crosslinkable HMT monoadduct at the Kpn I recognition site. Gamper H, et al. **Photochem Photobiol** 1984 Jul;40(1):29-34

Structures of DNA containing psoralen crosslink and thymine dimer. Kim SH, et al. **Prog Clin Biol Res** 1985; 172A:143-52

POISONING

Retinal atrophy in albino rats associated with Pituranthos triradiatus (umbelliferae)-induced photosensitization. Nyska A, et al. **Vet Pathol** 1984 Sep;21(5):551-2

RADIATION EFFECTS

Sites of termination of in vitro DNA synthesis on psoralen phototreated single-stranded templates. Piette J, et al. **Int J Radiat Biol** 1985 Sep;48(3):381-8

THERAPEUTIC USE

Comparison of trioxsalen bath and oral methoxsalen PUVA in psoriasis. Turjanmaa K, et al. **Acta Derm Venereol (Stockh)** 1985;65(1):86-8

Trimethylpsoralen bath plus ultraviolet A combined with oral retinoid (etretinate) in the treatment of severe psoriasis. Väätäinen N, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):52-5

Safety and therapeutic effectiveness of 8-methoxypsoralen, 4,5',8-trimethylpsoralen, and psoralen in vitiligo. Pathak MA, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:165-73

Psoralens: a search for more effective derivatives for photochemotherapeutic regimens. Willis I, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:143-7

TOXICITY

Relationship between lesions photoinduced by mono- and bi-functional furocoumarins in DNA and genotoxic effects in diploid yeast. Averbeck D. **Mutat Res** 1985 Sep; 151(2):217-33

Lethal and mutagenic effects photoinduced in haploid yeast (Saccharomyces cerevisiae) by two new monofunctional pyridopsoralens compared to 3-carbethoxypsoralen and 8-methoxypsoralen. Averbeck D, et al. **Mutat Res** 1985 Jan-Feb;148(1-2):47-57

Induction in human skin fibroblasts of sister-chromatid exchanges (SCEs) by photoaddition of two new monofunctional pyridopsoralens in comparison to 3-carbethoxypsoralen and 8-methoxypsoralen. Billardon C, et al. **Mutat Res** 1984 Oct;138(1):63-70

Mutagenic effects of psoralens in yeast and V79 Chinese hamster cells. Averbeck D, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:127-36

Chemical basis of the photosensitizing activity of angelicins. Dall'Acqua F, et al. **Natl Cancer Inst Monogr** 1984 Dec; 66:55-60

Mechanisms of photosensitization by furocoumarins. Grossweiner LI. **Natl Cancer Inst Monogr** 1984 Dec; 66:47-54 (62 ref.)

Difference in topical and systemic reactivity of psoralens: determinations of epidermal and serum levels. Kornhauser A, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:97-101

Induction of sister chromatid exchanges and gene mutations in Chinese hamster ovary cells by psoralens. Loveday KS, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:149-55

Carcinogenic effects of monofunctional and bifunctional furocoumarins. Mullen MP, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:205-10

Mechanisms of psoralen photosensitization reactions. Pathak MA. **Natl Cancer Inst Monogr** 1984 Dec;66:41-6

[Isopimpinellin--a furocoumarin from Heracleum sphondylium with chromosome damaging activity] Abel G, et al. **Planta Med** 1985 Jun;(3):250-2 (Eng. Abstr.) **(Ger)**

PSORIASIS

Psoriatic arthritis. Laurent MR. **Clin Rheum Dis** 1985 Apr; 11(1):61-85 (119 ref.)

Psoriasis. Krueger GG, et al. **J Am Acad Dermatol** 1984 Nov; 11(5 Pt 2):937-47 (43 ref.)

Psoriatic arthritis in children. Perlman SG. **Pediatr Dermatol** 1984 Apr;1(4):283-7 (40 ref.)

BLOOD

Increased platelet aggregation in psoriasis. Hayashi S, et al. **Acta Derm Venereol (Stockh)** 1985;65(3):258-62

Angiogenic capability of peripheral blood mononuclear cells in psoriasis. Majewski S, et al. **Arch Dermatol** 1985 Aug; 121(8):1018-21

Increased in vivo secretory activity of neutrophil granulocytes in patients with psoriasis and palmoplantar pustulosis. Lundin A, et al. **Arch Dermatol Res** 1985; 277(3):179-84

Circadian rhythm of the in vivo migration of neutrophils in psoriatic patients. Pigatto PD, et al. **Arch Dermatol Res** 1985;277(3):185-9

Mitogenic effects of sera from normal and psoriatic subjects on human skin fibroblasts. Priestley GC, et al. **Arch Dermatol Res** 1985;277(1):13-5

Distribution of T-cell subpopulations in the peripheral blood of patients with erythrodermic psoriasis. Willemze R, et al. **Arch Dermatol Res** 1985;277(1):19-23

The 'metabolic burst' in polymorphonuclear leukocytes from patients with quiescent psoriasis. Geerdink JP, et al. **Br J Dermatol** 1985 Apr;112(4):387-92

Stellate fibrin-fibronectin microclot formation from keratinocytes and fibroblasts stimulated by plasma from patients with psoriasis. Juhlin L, et al. **Br J Dermatol** 1985 Mar;112(3):271-6

Circulating hyaluronate in psoriasis. Lundin A, et al. **Br J Dermatol** 1985 Jun;112(6):663-71

The adherence to human endothelium and plastic of neutrophils from psoriatic patients, and the effects of psoriatic patients' sera on normal neutrophils. Majewski S, et al. **Br J Dermatol** 1985 Jun;112(6):655-62

Impact of methotrexate therapy on the folate status of psoriatic patients. Hendel J, et al. **Clin Exp Dermatol** 1985 Jan;10(1):30-5

Fructose-induced hyperuricemia in psoriasis and psoriatic arthritis. Maso G, et al. **Clin Exp Rheumatol** 1983 Apr-Jun; 1(2):149-51

Pharmacokinetics of methotrexate in erythrocytes in psoriasis. Hendel J, et al. **Eur J Clin Pharmacol** 1984; 27(5):607-10

Standardizing 8-methoxypsoralen plasma profiles by using an emulsion form. Van Boven M, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):822-7

Sister chromatid exchange in patients treated with methotrexate for psoriasis. Lindskov R, et al. **J Invest Dermatol** 1984 May;82(5):458-9

Stimulus-dependent increased generation of oxygen intermediates in monocytes and polymorphonuclear leukocytes in psoriasis. Schopf RE, et al. **J Invest Dermatol** 1985 Jan;84(1):73-6

Serum uric acid levels in psoriatic arthritis [letter] Taccari E, et al. **Scand J Rheumatol** 1985;14(1):94

Platelet activation in psoriasis. Berrettini M, et al. **Thromb Haemost** 1985 Apr 22;53(2):195-7

[Serum carotene and serum retinol in psoriasis] Günther S, et al. **Z Hautkr** 1985 Jun 1;60(11):897-901 (Eng. Abstr.) **(Ger)**

[Alpha 1-fetoprotein--a marker of potential PUVA side-effects in psoriasis?] Wollina U, et al. **Z Hautkr** 1985 Mar 15;60(6):527-30 (Eng. Abstr.) **(Ger)**

[Acid phosphatase of peripheral blood neutrophils in patients with psoriasis] Legieć C, et al. **Przegl Dermatol** 1984 May-Jun;71(3):225-9 (Eng. Abstr.) **(Pol)**

[Middle molecule levels in patients with psoriasis after hemosorption] Sharapova GIa, et al. **Sov Med** 1985; (4):38-41 (Eng. Abstr.) **(Rus)**

[Acid phosphatase in peripheral blood leukocytes of patients with psoriasis] Moshchiński P, et al. **Vestn Dermatol Venerol** 1984 Sep;(9):19-23 (Eng. Abstr.) **(Rus)**

CHEMICALLY INDUCED

Psoriasis provoked by beta-blocking agents. Arntzen N, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):346-8

Generalized pustular psoriasis provoked by propranolol. Hu CH, et al. **Arch Dermatol** 1985 Oct;121(10):1326-7

Direct evidence for a lithium-induced psoriasis syndrome. Alvarez WA, et al. **Int J Psychosom** 1984;31(4):21-2

Skin reactions to beta-blockers [letter] Weiss R. **S Afr Med J** 1984 Sep 29;66(13):474

[Psoriasis as side effect of lithium carbonate treatment--a case report] Lin HN, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Oct;83(10):1064-7 (Eng. Abstr.) **(Chi)**

CLASSIFICATION

Clinical and immunogenetic subsets of psoriatic arthritis. Kantor SM, et al. **Clin Exp Rheumatol** 1984 Apr-Jun; 2(2):105-9

COMPLICATIONS

High prevalence of cardiovascular diseases and enhanced activity of the renin-angiotensin system in psoriatic patients. Ena P, et al. **Acta Cardiol (Brux)** 1985; 40(2):199-205

Ophthalmological manifestations in patients with psoriasis. Catsarou-Catsari A, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):557-9

Protective effect of poliomyelitis on psoriatic arthritis. Weiner SR, et al. **Arthritis Rheum** 1985 Jun;28(6):703-6

Photosensitive psoriasis. Doyle JA. **Australas J Dermatol** 1984 Aug;25(2):54-8

Psoriatic arthritis [editorial] Moll JM. **Br J Rheumatol** 1984 Nov;23(4):241-4

Plant-thorn synovitis occurring in a child with psoriatic arthritis. Ormerod AD, et al. **Br J Rheumatol** 1984 Nov; 23(4):296-7

Psoriasis, alcohol, and liver disease. Chaput JC, et al. **Br Med J [Clin Res]** 1985 Jul 6;291(6487):25

Itch in psoriasis. Grattan CE. **Bristol Med Chir J** 1985 Apr; 100(374):36, 42

Association of Sjögren's syndrome with psoriatic arthritis [letter] Rodríguez de la Serna A, et al. **Can Med Assoc J** 1984 Dec 1;131(11):1329, 1332

IgA-containing immune complexes in patients with psoriatic arthritis. Hall RP, et al. **Clin Exp Rheumatol** 1984 Jul-Sep; 2(3):221-5

Psoriasis vulgaris associated with mesangiocapillary glomerulonephritis. Kida H, et al. **Clin Nephrol** 1985 May; 23(5):255-7

Neurofibromatosis and psoriasis. Roenigk RK, et al. **Cutis** 1985 May;35(5):479-80

Occurrence of cicatricial pemphigoid and leiomyosarcoma in a psoriatic patient. David M, et al. **Dermatologica** 1985; 170(5):256-9

Monoclonal IgG immunoglobulinemia with subsequent myeloma in psoriatic arthritis. Peltonen L, et al. **Dermatologica** 1984;169(4):207-10

Concurrent development of pemphigus foliaceus and psoriasis. Lee CW, et al. **Int J Dermatol** 1985 Jun; 24(5):316-7

Chromomycosis spontaneously healed. Nishimoto K, et al. **Int J Dermatol** 1984 Jul-Aug;23(6):408-10

Psoriasis and susceptibility to nonmelanoma skin cancer. Stern RS, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):67-73

Pigmented villonodular synovitis associated with psoriatic polyarthropathy: and electron microscopic and immunocytochemical study. Archer-Harvey JM, et al. **J Pathol** 1984 Sep;144(1):57-68

Sterno-clavicular hyperostosis in a case with psoriasis and HLA-B27 associated arthropathy. Jurik AG, et al. **ROFO** 1985 Mar;142(3):345-7

Spontaneous atlantoaxial fusion in psoriatic arthritis. A case report. Dzioba RB, et al. **Spine** 1985 Jan-Feb;10(1):102-3

[Renal amylosis with prolonged course and psoriatic rheumatism] Pattin S, et al. **Rev Rhum Mal Osteoartic** 1985 Apr;52(4):259-62 **(Fre)**

[Bullous pemphigoid in a patient with psoriasis] Weltfriend S, et al. **Harefuah** 1983 Oct 16;105(8):218-9 (Eng. Abstr.) **(Heb)**

[Pathological femur neck fractures in psoriasis] Bakay E, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1984; 27(4):293-6 (Eng. Abstr.) **(Hun)**

[Psoriatic arthropathy and amyloidosis] Róna G, et al. **Orv Hetil** 1985 Jul 28;126(30):1855-7 (Eng. Abstr.) **(Hun)**

[Psoriasis and pemphigoid] Barba A, et al. **G Ital Dermatol Venereol** 1985 Jan-Feb;120(1):75-7 (Eng. Abstr.) **(Ita)**

[Psoriasis and bullous pemphigoid. Presentation of 2 cases] Mozzanica N, et al. **G Ital Dermatol Venereol** 1985 May-Jun;120(3):189-92 (Eng. Abstr.) **(Ita)**

[Relation between hypertriglyceridemia and reduced tolerance to carbohydrates in psoriasis patients] Peserico A, et al. **G Ital Dermatol Venereol** 1985 Jan-Feb;120(1):53-4 (Eng. Abstr.) **(Ita)**

[Secondary amyloidosis with predominant involvement of the heart in a psoriasis patient] Alekseeva LA, et al. **Kardiologiia** 1984 Aug;24(8):110-2 **(Rus)**

[Case of secondary syphilis combined with disseminated psoriasis] Evstaf'ev VV, et al. **Vestn Dermatol Venerol** 1985 Mar;(3):77-8 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Psoriatic arthritis: a clinical and immunological study in 15 cases from India. Malaviya AN, et al. **J Assoc Physicians India** 1984 May;32(5):403-5

Fanconi's anaemia with psoriasis and polyclonal gammopathy. Saini RK, et al. **J Indian Med Assoc** 1984 Sep;82(9):327-8

[Sternocostoclavicular hyperostosis--pustular arthro-osteitis--pustulosis palmaris et plantaris: an extreme enthesiopathic form of psoriatic spondylarthritis] Schilling F, et al. **Z Rheumatol** 1985 Jan-Feb;44(1):483 **(Ger)**

[Bechterew's disease and other types of seronegative spondyloarthritis (spondyloarthropathies)--common and distinguishing features] Agababova ER, et al. **Revmatologiia (Moskva)** 1984 Jul-Sep;(3):40-5 (82 ref.) **(Rus)**

[Determination of the number of spontaneous rosette-forming neutrophils as an additional differential-diagnostic test in palmo-plantar pustular psoriasis] Petrova IV, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):4-6 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Antinuclear antibodies appearing during PUVA therapy Bruze M, et al. **Acta Derm Venereol (Stockh)** 1985; 65(1):31-6

Langerhans' cells in patients with psoriasis: effect of treatment with PUVA, PUVA bath, etretinate and anthralin. Czernielewski J, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):97-101

Comparison of trioxsalen bath and oral methoxsalen PUVA in psoriasis. Turjanmaa K, et al. **Acta Derm Venereol (Stockh)** 1985;65(1):86-8

Second European Symposium on Psoriasis. Trieste, Italy.

October 7-9, 1983. **Acta Derm Venereol [Suppl] (Stockh)** 1984;113:1-178

Topical treatment of psoriasis with dithranol. Farber EM. **Acta Derm Venereol [Suppl] (Stockh)** 1984;112:11-6

Photochemotherapy of psoriasis. Fitzpatrick TB. **Acta Derm Venereol [Suppl] (Stockh)** 1984;112:29-35

Topical treatment of psoriasis with corticosteroids. Maibach H. **Acta Derm Venereol [Suppl] (Stockh)** 1984;112:17-23

Topical treatment of psoriasis with tar. Muller SA. **Acta Derm Venereol [Suppl] (Stockh)** 1984;112:7-10

Retinoids and psoriasis. Orfanos CE. **Acta Derm Venereol [Suppl] (Stockh)** 1984;112:37-41

Cytostatic agents. Roenigk HH. **Acta Derm Venereol [Suppl] (Stockh)** 1984;112:43-54

Intracranial hypertension due to acute vitamin A intoxication. Gangemi M, et al. **Acta Neurol (Napoli)** 1985 Feb;7(1):27-31

Changes in liver histology during methotrexate therapy of psoriasis correlated to the concentration of methotrexate and folate in erythrocytes. Hendel J, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Apr;56(4):321-6

A double-blind controlled trial of etretinate (Tigason) and ibuprofen in psoriatic arthritis. Hopkins R, et al. **Ann Rheum Dis** 1985 Mar;44(3):189-93

Correlation of the vasoconstriction assay and clinical activity in psoriasis. Cornell RC, et al. **Arch Dermatol** 1985 Jan; 121(1):63-7

Transepidermal elimination following the use of a topical adrenal steroid. Katz R, et al. **Arch Dermatol** 1985 Mar; 121(3):412-3

Application of topical corticosteroids [letter] Mörtenhumer M, et al. **Arch Dermatol** 1985 Aug;121(8):971

Isotretinoin vs etretinate therapy in generalized pustular and chronic psoriasis. Moy RL, et al. **Arch Dermatol** 1985 Oct; 121(10):1297-301

Hydroxyurea and pain in psoriatic lesions during ultraviolet-B radiation [letter] Sparks MK, et al. **Arch Dermatol** 1985 Sep;121(9):1107

Methotrexate and etretinate in the treatment of psoriasis [letter] Vanderveen EE, et al. **Arch Dermatol** 1984 Dec; 120(12):1555-6

Lenticular psoralen photoproducts and cataracts of a PUVA-treated psoriatic patient. Woo TY, et al. **Arch Dermatol** 1985 Oct;121(10):1307-8

The effect of aromatic retinoid Ro 10-9359 (etretinate) on fingernail growth. Galosi A, et al. **Arch Dermatol Res** 1985; 277(2):138-40

Comparison of serum levels and clinical results of PUVA therapy with three different dosage forms of 8-methoxypsoralen. Siddiqui AH, et al. **Arch Dermatol Res** 1984;276(5):343-5

Experimental contribution to the dithranol-brown problem. Wiegrebe W, et al. **Arch Dermatol Res** 1985;277(2):153-5

Long-term use of Sicorten ointment in chronic recalcitrant dermatoses. Bellandini R, et al. **Br J Clin Pract** 1984 Nov-Dec;38(11-12):395-8

Treatment of psoriasis with Clinitar gel. A controlled clinical trial. Lassus A. **Br J Clin Pract** 1985 Mar;39(3):105-7

Controlled trials of PUVA and etretinate for psoriasis [letter] Corbett M. **Br J Dermatol** 1985 Jan;112(1):121-2

Isoquinoline is a possible anti-psoriatic agent in coal tar. Foreman MI, et al. **Br J Dermatol** 1985 Mar;112(3):323-8

Further evidence of the safety of tar in the management of psoriasis. Jones SK, et al. **Br J Dermatol** 1985 Jul; 113(1):97-101

A dimethoxynaphthalene derivative (RS-43179 gel) compared with 0.025% fluocinolone acetonide gel in the treatment of psoriasis. Lassus A, et al. **Br J Dermatol** 1985 Jul;113(1):103-6

Serial liver biopsies in psoriatic patients receiving long-term etretinate. Roenigk HH Jr, et al. **Br J Dermatol** 1985 Jan; 112(1):77-81

Short-contact modification of the Ingram regime. Ryatt KS, et al. **Br J Dermatol** 1984 Oct;111(4):455-9

Retinoids and PUVA in psoriasis [letter] Shuster S, et al. **Br J Dermatol** 1985 Jan;112(1):122-3

Short contact dithranol therapy--twice daily and high concentration regimes [letter] Statham BN, et al. **Br J Dermatol** 1985 Aug;113(2):245-6

Comparison of bioavailability and phototoxicity of two oral preparations of 5-methoxypsoralen. Stolk LM, et al. **Br J Dermatol** 1985 Apr;112(4):469-73

Risk of leukemia associated with chemotherapy [letter] Griffiths WA. **Br Med J [Clin Res]** 1985 Feb 16; 290(6467):555

Nodular malignant melanoma and multiple squamous cell carcinomas in a patient treated by photochemotherapy for psoriasis. Kemmett D, et al. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1498

Hyperkeratotic porokeratosis (Mibelli) with psoriasis--response to an aromatic retinoid. Beer WE, et al. **Clin Exp Dermatol** 1984 Sep;9(5):509-13

Acute myelomonocytic leukaemia developing in a patient with psoriasis treated with oral 8-methoxypsoralen and longwave ultraviolet light. Freeman K, et al. **Clin Exp Dermatol** 1985 Mar;10(2):144-6

Clinical signs of response to treatment in psoriasis--a cell kinetic and histological assessment using the IBAS II image analyser. Newton JA, et al. **Clin Exp Dermatol** 1985 Jan; 10(1):36-40

Methotrexate maintenance therapy and liver damage in psoriasis. van de Kerkhof PC, et al. **Clin Exp Dermatol** 1985 May;10(3):194-200

Toward a rational therapy for psoriasis. Bohr V, et al. **Cutis** 1985 Jan;35(1):37

Amcinonide vs. betamethasone dipropionate ointments in the treatment of psoriasis. Huntley AC, et al. **Cutis** 1985 May; 35(5):489-92

Anthralin cream as short contact therapy for psoriasis. Miller AC. **Cutis** 1985 Jun;35(6):578-82

The Goeckerman treatment in psoriasis: six decades of experience at the Mayo Clinic. Muller SA, et al. **Cutis** 1984 Sep;34(3):265-8, 270

Toxicologic study of anthralin in an aqueous cream formulation. Neill SM, et al. **Cutis** 1984 Dec;34(6):563-6

Diflorasone diacetate ointment 0.05 percent in conjunction with UVB and tar in a modified outpatient Goeckerman regimen. Spencer SA, et al. **Cutis** 1985 Aug;36(2):169-72

The treatment of psoriasis with 0.1% domoprednate (a D-homocorticosteroid) and 0.1% betamethasone valerate ointment. A double-blind, randomized trial. Christiansen JV, et al. **Dermatologica** 1985;170(4):195-8

Treatment of sebopsoriasis. A clinical trial--an etiological approach. Döring HF. **Dermatologica** 1984;169 Suppl 1:125-33

Comparison of the short-duration dithranol and Dithrocream therapy in the treatment of psoriasis. Fräki JE, et al. **Dermatologica** 1985;171(1):52-4

Generalized pustular psoriasis in a child. van de Kerkhof PC. **Dermatologica** 1985;170(5):244-8

Betamethasone dipropionate cream for the treatment of psoriasis. A double-blind comparison with clobetasol propionate cream [letter] Verdich J, et al. **Dermatologica** 1985;170(3):152-5

Low incidence of hepatotoxicity associated with long-term, low-dose oral methotrexate in treatment of refractory psoriasis, psoriatic arthritis, and rheumatoid arthritis. An acceptable risk/benefit ratio. Lanse SB, et al. **Dig Dis Sci** 1985 Feb;30(2):104-9

Oral treatment of psoriasis with etretinate. Yemane-Berhan T. **Ethiop Med J** 1984 Oct;22(4):185-7

Psoriasis before and after methotrexate (MXT) treatment. 1. The Golgi apparatus and phosphatases. Ramadan AA, et al. **Folia Morphol (Praha)** 1984;32(3):257-9

Skin diseases: current concepts, therapy. 2. Psoriasis. Potter B. **Indiana Med** 1985 Jun;78(6):496-8

Tar revisited. Lin AN, et al. **Int J Dermatol** 1985 May; 24(4):216-8 (32 ref.)

Role of ultraviolet A in phototherapy for psoriasis. Diette KM, et al. **J Am Acad Dermatol** 1984 Sep;11(3):441-7

Disseminated superficial actinic porokeratosis: appearance associated with photochemotherapy for psoriasis. Hazen PG, et al. **J Am Acad Dermatol** 1985 Jun;12(6):1077-8

Two patterns of skin ulceration induced by methotrexate in patients with psoriasis. Lawrence CM, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1059-65

Photochemotherapy (PUVA) and skin cancer [letter] Leone GA, et al. **J Am Acad Dermatol** 1985 Jul;13(1):155-7

Psoriasis treatment with suberythemogenic ultraviolet B radiation and a coal tar extract. Menkes A, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):21-5

Predictive value of HLA antigen for methotrexate-induced liver damage in patients with psoriasis. Pestana A, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):26-9

Oral isotretinoin followed by psoralens and ultraviolet A or ultraviolet B for psoriasis [letter] Roenigk RK, et al. **J Am Acad Dermatol** 1985 Jul;13(1):153-5

Short-term etretinate for pustular psoriasis [letter] Rubin MG, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):896-7

Anthralin therapy for psoriasis [letter] Statham BN, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):303-4

Trimethylpsoralen bath plus ultraviolet A combined with oral retinoid (etretinate) in the treatment of severe psoriasis. Väätäinen N, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):52-5

Halomethasone (C 48.401-Ba) for the topical treatment of common dermatoses. de la Brassine M, et al. **J Int Med Res** 1984;12(5):307-9

The effects of antipsoriatic treatment on cutaneous blood flow in psoriasis measured by 133Xe washout method and laser Doppler velocimetry. Klemp P, et al. **J Invest Dermatol** 1985 Sep;85(3):259-63

The responses of normal and psoriatic skin to single and multiple topical applications of leukotriene B4. Wong E, et al. **J Invest Dermatol** 1985 May;84(5):421-3

Cyclosporin and skin disease [letter] Aldridge RD, et al. **Lancet** 1985 Jan 19;1(8421):160

Cyclosporin for psoriasis [letter] Harper JI, et al. **Lancet** 1984 Oct 27;2(8409):981-2

Cyclosporin and psoriasis [letter] van Hooff JP, et al. **Lancet** 1985 Feb 9;1(8424):335

Improvement of the efficacy and safety of oral methoxsalen photochemotherapy. Momtaz-T K, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:175-8

Safety and therapeutic effectiveness of selected psoralens in psoriasis. Wolff K, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:159-64

Double-blind evaluation of piroxicam and naproxen following missed dosage in patients with inflammatory arthritis. Langley GB, et al. **NZ Med J** 1985 Jun 26; 98(781):490-2

Long-term safety of trioxsalen bath PUVA treatment: an 8-year follow-up of 149 psoriasis patients. Berne B, et al. **Photodermatol** 1984 Feb;1(1):18-22

Risk of cutaneous carcinoma in psoriatic patients treated with PUVA. Eskelinen A, et al. **Photodermatol** 1985 Feb; 2(1):10-4

Re-PUVA. Lassus A. **Photodermatol** 1984 Dec;1(6):263-4

Phototoxicity and antipsoriatic effect of a topical methoxypsoralen solution in relation to the application time. Meffert H, et al. **Photodermatol** 1984 Aug;1(4):191-4

Phytophotodermatitis-like lesions induced by PUVA. Roelandts R, et al. **Photodermatol** 1985 Feb;2(1):40-3

Treatment of psoriasis in general practice with short contact dithranol. Blomfield I, et al. **Practitioner** 1985 Jul; 229(1405):637-41

The place of PUVA in the management of psoriasis. Vollum DI. **Practitioner** 1984 Nov;228(1397):1027-30

Oral 8-methoxypsoralen photochemotherapy in psoriasis. Nožičková-Novotná M. **Sb Ved Pr Lek Fak Univ Karlovy** 1983;26(5):545-77

[Therapeutic effect of Zhuling injection on 265 cases of psoriasis] Gao BY. **Chung Hsi I Chieh Ho Tsa Chih** 1984 May;4(5):285-7 (Eng. Abstr.) **(Chi)**

[Animal models used to study the therapeutic effect and mechanism of Chinese herbal drugs in the treatment of psoriasis] Huang T. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jul;4(7):428-9 (Eng. Abstr.) **(Chi)**

[Fumaric acid in the treatment of patients with psoriasis] van Dijk E. **Ned Tijdschr Geneeskd** 1985 Mar 16;129(11):485-6 **(Dut)**

[Topical treatment of psoriasis] Suhonen R. **Duodecim** 1985; 101(11):1135-41 **(Fin)**

[Rupture of atrophic striae during pustular psoriasis treated with etretinate (Tigason)] Bordier C, et al. **Ann Dermatol Venereol** 1984;111(10):929-31 **(Fre)**

[Treatment of psoriatic rheumatism with a retinoid derivative: etretinate. Open preliminary trial on 12 patients reviewed after 6 months] Rampon S, et al. **Rev Rhum Mal Osteoartic** 1985 Feb;52(2):127-31 **(Fre)**

[Short-term anthralin therapy as an interim therapy] Heller G, et al. **Dermatol Monatsschr** 1985;171(4):259-60 **(Ger)**

[Psoriasis phototherapy. Antipsoriatic efficacy of 8-methoxypsoralen and tar baths] Rowe E, et al. **Dermatol Monatsschr** 1985;171(3):180-4 (Eng. Abstr.) **(Ger)**

[Therapeutic trial with epsilon-aminocaproic acid in psoriasis vulgaris] Rowe E, et al. **Dermatol Monatsschr** 1985; 171(4):230-2 (Eng. Abstr.) **(Ger)**

[Therapeutic trial with isonicotinic acid hydrazide in chronic stationary psoriasis] Rowe E, et al. **Dermatol Monatsschr** 1985;171(6):376-9 (Eng. Abstr.) **(Ger)**

[Effect of PUVA treatment on the eye lens of psoriasis patients] Brauweiler P, et al. **Fortschr Ophthalmol** 1984; 81(5):457-60 (Eng. Abstr.) **(Ger)**

[Tar treatment of psoriasis] Goerz G, et al. **Hautarzt** 1985 Jan;36(1):50-3 (Eng. Abstr.) **(Ger)**

[Etretinate: pro and con. Risk-benefit analysis of systemic retinoid therapy in psoriasis and recent developments: free aromatic acid, arotinoids] Gollnick H, et al. **Hautarzt** 1985 Jan;36(1):2-9 (Eng. Abstr.) **(Ger)**

[Therapy of psoriatic osteoarthropathy with EHDP] Holzmann H, et al. **Hautarzt** 1985 Jun;36(6):326-30 (Eng. Abstr.) **(Ger)**

[Dithranol and combined treatment procedures: pro and con] Mahrle G, et al. **Hautarzt** 1985 Jan;36(1):34-9 (Eng. Abstr.) **(Ger)**

[Local treatment of psoriasis with glucocorticosteroids] Marghescu S. **Hautarzt** 1985 Jan;36(1):47-9 (Eng. Abstr.) **(Ger)**

['Minute therapy' of psoriasis with dithranol and its modifications. A critical evaluation based on 315 patients] Runne U, et al. **Hautarzt** 1985 Jan;36(1):40-6 (Eng. Abstr.) **(Ger)**

[New systemic therapies of psoriasis] Weber G, et al. **Hautarzt** 1985 Jan;36(1):20-4 (Eng. Abstr.) **(Ger)**

[Photochemotherapy (PUVA): pro and con] Wolff K. **Hautarzt** 1985 Jan;36(1):25-33 (Eng. Abstr.) **(Ger)**

[Oral methotrexate therapy: pro and con] Zachariae H. **Hautarzt** 1985 Jan;36(1):10-2 (Eng. Abstr.) **(Ger)**

[Oral glucocorticosteroid therapy in psoriasis vulgaris: pro and con] Zaun H. **Hautarzt** 1985 Jan;36(1):13-5 (Eng. Abstr.) **(Ger)**

[Treatment of scalp psoriasis. A new dexamethasone preparation in a double-blind trial with hydrocortisone-17-butyrate] Lassus A, et al. **Schweiz Rundsch Med Prax** 1985 Apr 9;74(15):382-3 (Eng. Abstr.) **(Ger)**

[Distribution of dithranol therapy in dermatologic clinics and specialty practice in Switzerland] Pflugshaupt C. **Schweiz Rundsch Med Prax** 1985 Feb 12;74(7):159-61 (Eng. Abstr.) **(Ger)**

[Effect of coal tar on cignolin erythema--1 hour treatment of psoriasis with high-dose cignolin with and without tar] Schauder S, et al. **Z Hautkr** 1985 Jun 1;60(11):875-83 (Eng. Abstr.) **(Ger)**

[Somatostatin in active psoriatic arthritis] Dinter L, et al. **Z Rheumatol** 1984 Nov-Dec;43(6):291-3 (Eng. Abstr.) **(Ger)**

[Therapy with bromocriptine and behavior of various hormones in psoriasis patients] Valentino A, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1841-4 (Eng. Abstr.) **(Ita)**

[Isoprenaline in the topical treatment of psoriasis] Lomuto M, et al. **G Ital Dermatol Venereol** 1985 Jan-Feb; 120(1):99-101 (Eng. Abstr.) **(Ita)**

[Effect of retinoid (Ro-10-9359) on leukocytes migration in patients with psoriasis] Amano M, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Sep;94(10):1135-9 **(Jpn)**

[Current state and prospects of the use of cygnoline in the treatment of psoriasis] Ciesielska J. **Przegl Dermatol** 1985 Jan-Feb;72(1):77-90 (79 ref.) **(Pol)**

[Treatment of psoriasis with aromatic retinoid derivatives (Tigason) (double-blind method)] Gruca S, et al. **Przegl Dermatol** 1984 May-Jun;71(3):273-8 (Eng. Abstr.) **(Pol)**

[Photochemotherapy of various types of psoriasis--evaluation of the durability of the results of treatment] Kaźmierowski M, et al. **Przegl Dermatol** 1984 Mar-Apr;71(2):151-5 (Eng. Abstr.) **(Pol)**

[Photochemotherapy of pustular psoriasis of the palms and soles] Kaźmierowski M, et al. **Przegl Dermatol** 1984 Mar-Apr;71(2):157-60 (Eng. Abstr.) **(Pol)**

[Current state and new trends in the treatment of psoriasis] Ruszczak Z. **Przegl Dermatol** 1985 Jan-Feb;72(1):1-11 (56 ref.) **(Pol)**

[Photochemotherapy combined with low-dose methotrexate in severe forms of psoriasis] Dovzhanskiĭ SI, et al. **Vestn Dermatol Venerol** 1985 Jan;(1):61-3 (Eng. Abstr.) **(Rus)**

[Use of microexplosions as a new physiotherapeutic method in the treatment of psoriasis] Lenskiĭ AS, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):4-5 (Eng. Abstr.) **(Rus)**

[Heparin in the treatment of severe dermatoses] Verbenko EV, et al. **Vestn Dermatol Venerol** 1985 Feb;(2):28-30 (Eng. Abstr.) **(Rus)**

[Effect of the use of alcohol and smoking on an increase in the number of recurrences during treatment for psoriasis] Dostanić N, et al. **Med Pregl** 1985;38(3-4):149-52 (Eng. Abstr.) **(Scr)**

ENZYMOLOGY

Increased macrophage activity in psoriasis. Koh MS, et al. **Acta Derm Venereol (Stockh)** 1985;65(3):194-8

Purification and characterization of keratin hydrolase in psoriatic epidermis: application of keratin-agarose plate and keratin-polyacrylamide enzymography methods. Hibino T. **Anal Biochem** 1985 Jun;147(2):342-52

Protective enzymes in human epidermal carcinomas and psoriasis. Borrello S, et al. **Arch Dermatol Res** 1984; 276(5):338-40

Serum angiotensin-converting enzyme in sarcoidosis and psoriasis. Thestrup-Pedersen K, et al. **Arch Dermatol Res** 1985;277(1):16-8

Characterization and activity of phospholipase A2 in normal human epidermis and in lesion-free epidermis of patients with psoriasis or eczema. Forster S, et al. **Br J Dermatol** 1985 Feb;112(2):135-47

alpha 1-Antitrypsin deficiency in severe psoriasis. Heng MC, et al. **Br J Dermatol** 1985 Feb;112(2):129-33

Activity of some lysosomal enzyme in rheumatoid and psoriatic arthritis. Mikulíková D, et al. **Clin Rheumatol** 1984 Dec;3(4):515-9

Proteinases and psoriasis. Fraki JE. **Cutis** 1985 Jul;36(1):32

Psoriasis before and after methotrexate (MXT) treatment. 3. Localization of dopa oxidase. Ramadan AA, et al. **Folia Morphol (Praha)** 1984;32(4):342-4

Biosynthesis of lipoxygenase products by enzyme preparations from normal and psoriatic skin. Ziboh VA, et al. **J Invest Dermatol** 1984 Dec;83(6):426-30

Increased erythrocyte glutathione peroxidase activity in psoriatics consuming high-selenium drinking water at the Dead-Sea Psoriasis Treatment Center. Shani J, et al. **Pharmacol Res Commun** 1985 May;17(5):479-88

Polymorphonuclear leukocyte 5-lipoxygenase activity in psoriasis. Ruzicka T, et al. **Prostaglandins Leukotrienes Med** 1985 Jun;18(3):313-9

[Photochemotherapy and activity of lysosomal enzymes in the serum of psoriasis patients] Ruszczak Z, et al. **Dermatol Monatsschr** 1984;170(9):573-7 (Eng. Abstr.) **(Ger)**

[N-Acetyl-beta-D-glucosaminidase deficiency in the neutrophils and lymphocytes of patients with psoriasis] Lisiewicz J, et al. **Patol Pol** 1984 Oct-Dec;35(4):509-16 (Eng. Abstr.) **(Pol)**

[Degree of serum antiprotease activity and alpha 1-antitrypsin level in patients with psoriasis] Orlov VN, et al. **Vestn Dermatol Venerol** 1985 Feb;(2):9-10 (Eng. Abstr.) **(Rus)**

ETIOLOGY

The role of chemo-attractant lipoxygenase products in the pathogenesis of psoriasis. Camp RD, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:98-103

Atypical psoriasis of the face and hands after PUVA treatment. Verhagen AR, et al. **Br J Dermatol** 1984 Nov; 111(5):615-8

Activation pathways in psoriasis. Farber EM, et al. **Cutis** 1984 Dec;34(6):535

Immunity in psoriasis. Guilhou JJ, et al. **Int J Dermatol** 1984 Jul-Aug;23(6):394-5

Streptococcal infection effects on psoriasis and glycosaminoglycans. A hypothesis. Stone OJ. **Int J Dermatol** 1985 Jan-Feb;24(1):35-6

[Leukotrienes and monohydroxy fatty acids: controversial role in the pathogenesis of psoriasis] Ruzicka T. **Hautarzt** 1985 May;36(5):255-8 (Eng. Abstr.) **(Ger)**

[Psoriasis in childhood] Filipiuk J, et al. **Przegl Dermatol** 1984 Jul-Aug;71(4):343-51 (Eng. Abstr.) **(Pol)**

[Case of alopecia associated with vitiligo and psoriasis] Iakovleva NI, et al. **Vestn Dermatol Venerol** 1984 Oct; (10):70-1 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

'Twin' psoriasis in monozygotic twins [letter] Pisani M, et al. **Arch Dermatol** 1984 Nov;120(11):1418-9

Pi phenotypes in patients with ankylosing spondylitis, acute anterior uveitis, psoriasis and chronic prostatitis. Møller P, et al. **Clin Genet** 1984 Oct;26(4):339-41

The mode of inheritance of psoriasis: evidence for a major gene as well as a multifactorial component and its implication for genetic counselling. Iselius L, et al. **Hum Genet** 1984;68(1):73-6

Increased birth weight in psoriasis--another expression of a 'thrifty genotype'? [letter] Propping P, et al. **Hum Genet** 1985;71(1):92

Lingual lesions of generalized pustular psoriasis. Report of five cases and a review of the literature. Hubler WR Jr. **J Am Acad Dermatol** 1984 Dec;11(6):1069-76

Alpha 1-antitrypsin deficiency genes: contributory defect in a subset of psoriatics? Lipkin G, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):615-9

HL-A 27 in Reiter's syndrome and psoriatic arthritis: a genetic factor in disease susceptibility and expression. McClusky OE, et al. **J Rheumatol** 1984 Oct;11(5):571

IMMUNOLOGY

Immunoglobulin E in psoriasis evaluated by paper radioimmunosorbent and paper enzyme-immunosorbent tests. Chen ZY, et al. **Acta Derm Venereol (Stockh)** 1985; 65(1):14-8

Second European Symposium on Psoriasis. Trieste, Italy, October 7-9, 1983. **Acta Derm Venereol [Suppl] (Stockh)** 1984;113:1-178

Etretinate therapy for psoriasis. Reduction of antibody-dependent cell-mediated cytotoxicity of polymorphonuclear leukocytes. Ellis CN, et al. **Arch Dermatol** 1985 Jul;121(7):877-80

Involvement of complement in psoriasis and atopic dermatitis--measurement of C3a and C5a, C3, C4 and C1 inactivator. Kapp A, et al. **Arch Dermatol Res** 1985; 277(5):359-61

The major internal protein, p27, of a retrovirus-like particle participates in immune complex formation in psoriasis. Iversen OJ, et al. **Arch Virol** 1985;86(1-2):37-45

Alterations of surface receptors on intralesional neutrophils in pustular psoriasis and palmo-plantar pustulosis. Iwatsuki K, et al. **Br J Dermatol** 1985 Jan;112(1):53-6

Increased anaphylatoxins (C3a and C4a) in psoriatic sera. Ohkohchi K, et al. **Br J Dermatol** 1985 Aug;113(2):189-96

When does psoriasis become pustular? Hu CH, et al. **Cutis** 1985 Jun;35(6):527-8

Is psoriasis a disease of the immune system? Morhenn VB. **Cutis** 1984 Sep;34(3):223-4

Lymphocyte-keratinocyte interactions mediated through interferon. New observations relevant to psoriasis. Nickoloff BJ. **Cutis** 1984 Nov;34(5):445-6

Anti-DNA antibodies in blood serum of psoriatic patients. Zlatkov NB, et al. **Dermatologica** 1984;169(3):121-4

In vitro effects of enzymes of polymorphonuclear leukocytes on the antigenicity of stratum corneum. Dabski K, et al. **Int Arch Allergy Appl Immunol** 1985;77(3):287-91

The role of polymorphonuclear cells in psoriasis. Tosca A, et al. **J Dermatol (Tokyo)** 1984 Aug;11(4):354-60

Evidence for an alternative pathway of keratinocyte maturation in psoriasis from an antigen found in psoriatic but not normal epidermis. Mansbridge JN, et al. **J Invest Dermatol** 1984 Oct;83(4):296-301

Histologic distribution of staining by a monoclonal antibody (psi-3) in psoriasis and occurrence of psi-3 antigen in other cutaneous diseases. Strefling AM, et al. **J Invest Dermatol** 1985 Feb;84(2):100-4

Evaluation of lymphocyte subpopulations with monoclonal antibodies in five psoriatic patients treated with etretinate. Lazzini C, et al. **Ric Clin Lab** 1984 Jul-Sep;14(3):323-5

HLA determinants in psoriasis vulgaris in Israel. Amar A, et al. **Tissue Antigens** 1984 Oct;24(4):247-9

[Analysis of T-lymphocyte subpopulations in psoriasis using monoclonal antibodies] Knopf B, et al. **Dermatol Monatsschr** 1985;171(4):217-21 (Eng. Abstr.) **(Ger)**

[Effect of psoriasis serum on rosette formation in nonpsoriasis donor lymphocytes] Schwartze G, et al. **Dermatol Monatsschr** 1985;171(1):58-60 **(Ger)**

[Migration and chemotaxis of donor leukocytes modified by serum of psoriasis patients and psoriasis scale extracts] Schwartze G, et al. **Dermatol Monatsschr** 1984; 170(10):637-41 (Eng. Abstr.) **(Ger)**

[Abnormal HLA-DR antigen expression in monocytes of patients with systemic lupus erythematosus and psoriasis vulgaris] Volk HD, et al. **Dermatol Monatsschr** 1985; 171(5):308-11 (Eng. Abstr.) **(Ger)**

[Antibodies to double-stranded DNA in psoriasis?] Wollina U, et al. **Dermatol Monatsschr** 1984;170(10):642-4 (Eng. Abstr.) **(Ger)**

[Etiopathogenetic aspects of psoriatic arthritis with special reference to immunologic factors] Hein G, et al. **Z Gesamte Inn Med** 1984 Nov 1;39(21):537-9 (Eng. Abstr.) **(Ger)**

[Lymphocyte subpopulations in psoriatic arthritis] Schnabel I, et al. **Z Gesamte Inn Med** 1984 Nov 1;39(21):539-40 (Eng. Abstr.) **(Ger)**

[Effect of histamine-blocking substances on mitogen-induced lympho proliferation in rheumatic diseases] Manger BJ, et al. **Z Rheumatol** 1984 Jul-Aug;43(4):175-8 (Eng. Abstr.) **(Ger)**

[HLA system and psoriasis. A population study] Crivellato E, et al. **G Ital Dermatol Venereol** 1985 Mar-Apr; 120(2):103-8 (Eng. Abstr.) **(Ita)**

[T cell function in psoriasis--analysis of T cell suppressor function in psoriasis] Yamaguchi S. **Nippon Hifuka Gakkai Zasshi** 1984 Dec;94(14):1583-9 **(Jpn)**

[T cell function in psoriasis. Analysis of T cell helper function in psoriasis] Yamaguchi S. **Nippon Hifuka Gakkai Zasshi** 1984 Sep;94(10):1109-14 **(Jpn)**

[Adenovirus antigens in the cells of affected skin and immunohistochemical shifts in psoriasis] Vartazarian ND. **Arkh Patol** 1984;46(8):45-50 (Eng. Abstr.) **(Rus)**

[Functional state of T-lymphocytes of the skin in patients with psoriasis] Bogdanovich LI, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):8-10 (Eng. Abstr.) **(Rus)**

[T-lymphocyte subpopulation in the peripheral blood of patients with psoriasis] Rubins AIa, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):11-2 (Eng. Abstr.) **(Rus)**

[In vitro system for determining the use of immunocorrective agents in patients with disseminated psoriasis] Vasil'eva LL, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):6-8 (Eng. Abstr.) **(Rus)**

[Lymphocytes and their subpopulations in psoriasis] Vignale R, et al. **Med Cutan Iber Lat Am** 1984;12(3):193-8 (Eng. Abstr.) **(Spa)**

[Increase of circulating HLA DR+ T lymphocytes in psoriasis] Paciel J, et al. **Med Cutan Ibero Lat Am** 1984; 12(6):497-500 (Eng. Abstr.) **(Spa)**

[Modulation of the lymphocyte membrane with anti-HLA ABC in psoriasis] Paciel J, et al. **Med Cutan Ibero Lat Am** 1984;12(5):403-8 (Eng. Abstr.) **(Spa)**

METABOLISM

Growth hormone levels in psoriasis [letter] Weber G, et al. **Arch Dermatol Res** 1984;276(6):409

Structural identification of platelet activating factor in psoriatic scale. Mallet AI, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):192-8

The effect of etretinate on the cyclo-oxygenase and lipoxygenase products of arachidonic acid metabolism in psoriatic skin. Wong E, et al. **Br J Clin Pharmacol** 1984 Oct;18(4):523-7

Lectin binding to psoriatic epidermis. Bell CM, et al. **Br J Dermatol** 1985 Aug;113(2):205-12

Effect of polyamine antimetabolites on cultured human keratinocytes from normal and uninvolved psoriatic skin. Käpyaho K, et al. **Br J Dermatol** 1984 Oct;111(4):403-11

Increased DNA synthesis of uninvolved psoriatic epidermis is maintained in vitro. Kragballe K, et al. **Br J Dermatol** 1985 Mar;112(3):263-70

Leukotriene B4-like material in scale of psoriatic skin lesions. Brain SD, et al. **Br J Pharmacol** 1984 Sep;83(1):313-7

Etretinate kinetics during chronic dosing in severe psoriasis. Massarella J, et al. **Clin Pharmacol Ther** 1985 Apr; 37(4):439-46

Defective cytoplasmic transport of cell surface carbohydrates in psoriasis [letter] Amornsiripanitch S. **J Am Acad Dermatol** 1985 Jun;12(6):1111-2

Cell surface carbohydrates in psoriasis. Defective cytoplasmic transport by glycoconjugates carrying fucose residues suggested by lectin staining. Schaumburg-Lever G, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1087-94

Calmodulin activity in the psoriatic epidermis. Kusakabe Y, et al. **J Dermatol (Tokyo)** 1984 Apr;11(2):111-6

Increased calmodulin levels in psoriasis and low Ca++ regulated mouse epidermal keratinocyte cultures. Fairley JA, et al. **J Invest Dermatol** 1985 Mar;84(3):195-8

Identification of chemotactic lipoxygenase products of arachidonate metabolism in psoriatic skin. Grabbe J, et al. **J Invest Dermatol** 1984 May;82(5):477-9

Partial purification and some properties of a new papain inhibitor from psoriatic scales. Järvinen M, et al. **J Invest Dermatol** 1984 May;82(5):471-6

Skin penetration of minerals in psoriatics and guinea-pigs bathing in hypertonic salt solutions. Shani J, et al. **Pharmacol Res Commun** 1985 Jun;17(6):501-12

The analysis of arachidonic acid metabolites in normal, uninvolved and lesional psoriatic skin. Barr RM, et al. **Prostaglandins** 1984 Jul;28(1):57-65

Leukotrienes C4 and D4 in psoriatic skin lesions. Brain SD, et al. **Prostaglandins** 1985 Apr;29(4)611-9

The relationship between the dermal content and the 24-hour excretion of analytically identical glycosaminoglycans in humans. Poulsen JH, et al. **Scand J Clin Lab Invest** 1984 Oct;44(6):535-9

[Psoriasis in the light of basic research] Fräki JE, et al. **Duodecim** 1985;101(11):1043-55 (114 ref.) **(Fin)**

[Lymphokine determination in psoriasis scale extracts] Westphal HJ, et al. **Dermatol Monatsschr** 1984; 170(11):705–14 (Eng. Abstr.) **(Ger)**

[Changes in the keratin pattern in psoriasis vulgaris] Wiedemann E, et al. **Dermatol Monatsschr** 1984; 170(8):514–22 (Eng. Abstr.) **(Ger)**

[Zinc metabolism in patients with psoriasis] Goncharenko MS, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):53–5 (Eng. Abstr.) **(Rus)**

[Biorhythmologic characteristics of potassium homeostasis in patients with psoriasis] Goncharenko MS, et al. **Vestn Dermatol Venerol** 1984 Sep;(9):11–4 (Eng. Abstr.) **(Rus)**

[Catecholamine content of the skin in patients with psoriasis] Mushet GV. **Vestn Dermatol Venerol** 1985 Mar;(3):54–5 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

The major internal protein, p27, of a retrovirus-like particle is expressed in blood lymphocytes from psoriatic patients. Iversen OJ, et al. **Arch Virol** 1985;85(3–4):197–207

OCCURRENCE

Low prevalence of psoriasis in Norwegian lapps. Kavli G, et al. **Acta Derm Venereol (Stockh)** 1985;65(3):262–3

Joint involvement in psoriasis: uncommon or frequent? [letter] Grassi W, et al. **Arthritis Rheum** 1985 Aug;28(8):959

Psoriatic arthritis in psoriatic patients. Scarpa R, et al. **Br J Rheumatol** 1984 Nov;23(4):246–50

Psoriasis among Arabs: a study from Libya. Kanwar AJ, et al. **J Dermatol (Tokyo)** 1984 Aug;11(4):378–82

The epidemiology of joint complaints in patients with psoriasis. Stern RS. **J Rheumatol** 1985 Apr;12(2):315–20

[Prevalence of psoriatic arthritis among the population] Erdes Sh, et al. **Vestn Dermatol Venerol** 1985 May;(5):36–9 (Eng. Abstr.) **(Rus)**

[Epidemiological and clinico-genetic studies of arthropathic and typical forms of psoriasis] Mordovtsev VN, et al. **Vestn Dermatol Venerol** 1985 May;(5):11–5 (Eng. Abstr.) **(Rus)**

[Assessment of the incidence of psoriasis based on data from office visits and medical examinations] Osmanova FM. **Vestn Dermatol Venerol** 1985 Jan;(1):46–8 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Palmoplantar lesions in psoriatic patients and their relation to inverse psoriasis, tinea infection and contact allergy. Fransson J, et al. **Acta Derm Venereol (Stockh)** 1985; 65(3):218–23

Cell interactions in psoriasis. Heng MC, et al. **Arch Dermatol** 1985 Jul;121(7):881–7

Effect of crude coal tar in the mouse-tail model of psoriasis. Bladon PT, et al. **Arch Dermatol Res** 1985;277(2):121–5

Immunohistochemical screening of psoriasis [letter] Johansson O, et al. **Arch Dermatol Res** 1985;277(2):277

Mast cells and macrophages in early relapsing psoriasis. Schubert C, et al. **Arch Dermatol Res** 1985;277(5):352–8

Abnormal maturation pathway of keratinocytes in psoriatic skin. Bernard BA, et al. **Br J Dermatol** 1985 Jun; 112(6):647–53

The sequence of events in psoriatic plaque formation after tape-stripping. Heng MC, et al. **Br J Dermatol** 1985 May; 112(5):517–32

Psoriasis: maintenance of an intact monolayer basal cell differentiation compartment in spite of hyperproliferation. Leigh IM, et al. **Br J Dermatol** 1985 Jul;113(1):53–64

Stimulated mitotic counts in the non-lesional skin of patients with psoriasis and controls. Rico MJ, et al. **Br J Dermatol** 1985 Aug;113(2):185–8

The cutaneous reaction to staphylococcal protein A in normal subjects and patients with atopic dermatitis or psoriasis. White MI, et al. **Br J Dermatol** 1985 Aug; 113(2):179–83

Facial psoriasis. Harrison PV, et al. **Clin Exp Dermatol** 1985 Jan;10(1):41–4

Non-invasive quantification of psoriasis plaques––measurement of skin thickness with 15 mHz pulsed ultrasound. Serup J. **Clin Exp Dermatol** 1984 Sep; 9(5):502–8

Some neglected features of psoriatic lesions. Cox AJ. **Cutis** 1985 Aug;36(2):113

Polymorphonuclear leukocytes in psoriasis. Glinski W, et al. **Cutis** 1985 May;35(5):441–2

Reiter's syndrome with nail involvement: is it psoriasis? Ingram GJ, et al. **Cutis** 1985 Jul;36(1):37–40

Clinically uninvolved skin in psoriasis. Kaufman AJ, et al. **Cutis** 1985 Apr;35(4):311

Epidermal cytoskeletal changes in psoriasis. Mansbridge J. **Cutis** 1984 May;33(5):427, 430

The functions of polymorphonuclear leukocytes emigrating into the skin in psoriasis. Csató M, et al. **Dermatol Monatsschr** 1985;171(6):372–5

Psoriasis verruciformis. Rajendran SS, et al. **Int J Dermatol** 1984 Oct;23(8):552–3

Psoriasis: a disease of the total skin. Farber EM, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):150–6 (17 ref.)

Dermal and epidermal involvement in the evolution of acute eruptive guttate psoriasis vulgaris. Brody I. **J Invest Dermatol** 1984 May;82(5):465–70

Mast cell degranulation in the evolution of acute eruptive guttate psoriasis vulgaris. Brody I. **J Invest Dermatol** 1984 May;82(5):460–4

Subpopulations of mononuclear cells in microscopic lesions of psoriatic patients. Selective accumulation of suppressor/cytotoxic T cells in epidermis during the evolution of the lesion. Hammar H, et al. **J Invest Dermatol** 1984 Dec;83(6):416–20

Cultured psoriatic fibroblasts from involved and uninvolved sites have a partial but not absolute resistance to the proliferation-inhibition activity of 1,25-dihydroxyvitamin D3. MacLaughlin JA, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5409–12

A method for flow cytometric cell cycle analysis of normal and psoriatic human epidermis based on a detergent/citric acid technique for suspension of nuclei. Larsen JK, et al. **Virchows Arch [Cell Pathol]** 1985;48(3):247–59

[Alopecia in vulgar psoriasis of the scalp. A clinical and histologic report] Siemund J. **Dermatol Monatsschr** 1985; 171(1):50–7 (Eng. Abstr.) **(Ger)**

[Use of autoradiography. Studies of cell kinetics in normal and psoriatic epidermis as an aid in decision making in therapeutic management] Schulze HJ. **Z Hautkr** 1985 Jan; 60(1–2):57–62, 65–6 (33 ref.) (Eng. Abstr.) **(Ger)**

[Periungual capillary microscopy in patients with chronic polyarthritis and psoriasis arthropathica] Cervini C, et al. **Z Rheumatol** 1984 Nov–Dec;43(6):311–3 (Eng. Abstr.) **(Ger)**

[Dermatogenic enteropathy] Montagnani A, et al. **G Ital Dermatol Venereol** 1984 Jul–Aug;119(4):287–90 (Eng. Abstr.) **(Ita)**

[Morphological changes in capillaries in new foci of psoriatic lesions] Al'banova VI, et al. **Vestn Dermatol Venerol** 1984 Dec;(12):13–7 (Eng. Abstr.) **(Rus)**

[Morphological changes in the skin of patients with psoriasis after external photochemotherapy] Tsvetkova GM, et al. **Vestn Dermatol Venerol** 1984 Sep;(9):7–11 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

In vitro migration of human mononuclear cells towards a psoriatic scale extract. Sterling JC, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):543–6

Correlation of the vasoconstrictor assay and clinical activity in psoriasis [letter] Gibson JR. **Arch Dermatol** 1985 Sep; 121(9):1105

Interrelationship between water-barrier and reservoir functions of pathologic stratum corneum. Tagami H, et al. **Arch Dermatol** 1985 May;121(5):642–5

Growth hormone producing hyperplasia of pituitary gland in psoriasis [letter] Weber G, et al. **Arch Dermatol Res** 1985; 277(4):345

Regulation of local subcutaneous blood flow in patients with psoriasis and effects of antipsoriatic treatment on subcutaneous blood flow. Klemp P. **J Invest Dermatol** 1985 Aug;85(2):175–8

Local regulation of cutaneous blood flow in psoriasis. Klemp P. **J Invest Dermatol** 1984 Dec;83(6):421–5

Subcutaneous blood flow in psoriasis. Klemp P. **J Invest Dermatol** 1985 Mar;84(3):187–90

Hydroxychloroquine provocation of psoriasis [letter] Gray RG. **J Rheumatol** 1985 Apr;12(2):391

[Changes in the chemoluminescence behavior of micro- and macrophages in psoriasis: more than just an epiphenomenon?] Schopf RE, et al. **Z Hautkr** 1985 May 15;60(10):797–8, 801–2, 807 (Eng. Abstr.) **(Ger)**

[Mechanical properties of the skin. 3. Psoriasis] Mordovtsev VN, et al. **Vestn Dermatol Venerol** 1984 Nov;(11):8–11 (Eng. Abstr.) **(Rus)**

[Thermoregulation in adolescents with diffuse neurodermatitis and psoriasis and its changes during sulfide balneotherapy] Artem'ev VI. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep–Oct;(5):34–7 (Eng. Abstr.) **(Rus)**

PSYCHOLOGY

Stress does not worsen psoriasis?––a controlled study of 32 patients. Payne RA, et al. **Clin Exp Dermatol** 1985 May; 10(3):239–45

Alcohol intake of patients with psoriasis and dermatitis. Carmichael MM, et al. **Health Bull (Edinb)** 1984 Sep; 42(5):258–62

Group therapy of psoriasis. Duo formula group treatment (DFGT) as an example. Schulte MB, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):61–6

Aggression in depressives and psoriatics. Matussek P, et al. **Psychother Psychosom** 1985;43(3):120–5

[Personality structure of the psoriasis patient. Possibilities and necessities of differential psychodiagnosis in psychosomatic questions] Hünecke P, et al. **Z Psychosom Med Psychoanal** 1985;31(2):105–17 (Eng. Abstr.) **(Ger)**

[Psychosomatic aspects of psoriasis: affectivity and conflict] Molitor P, et al. **Z Psychosom Med Psychoanal** 1984; 30(3):247–69 (Eng. Abstr.) **(Ger)**

[The emotional component in psoriasis patients] Fontanesi B, et al. **G Ital Dermatol Venereol** 1985 Jan–Feb; 120(1):39–46 (Eng. Abstr.) **(Ita)**

[Features of the internal picture of the disease among psoriasis and neurodermatitis patients] Nikolaeva VV, et al. **Zh Nevropatol Psikhiatr** 1984;84(12):1856–9 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Radiography of the spine and sacro-iliac joints in ankylosing spondylitis and psoriasis. Dale K, et al. **Acta Radiol [Diagn] (Stockh)** 1985 Mar–Apr;26(2):145–59

RADIONUCLIDE IMAGING

[Scintigraphic investigation of the clavicular bone area in patients with psoriasis] Aso K, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Nov;94(13):1515–20 **(Jpn)**

[Scintigraphy using technetium Tc 99m pyrophosphate in the diagnosis of psoriatic arthritis] Borodulin VG, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):8–10 (Eng. Abstr.) **(Rus)**

RADIOTHERAPY

Phototherapy of psoriasis with UVB. Parrish JA. **Acta Derm Venereol [Suppl] (Stockh)** 1984;112:25–7

UV-B. Unanswered questions [editorial] Stern RS. **Arch Dermatol** 1984 Nov;120(11):1437–9

Effect of selective ultraviolet phototherapy on DNA and antinuclear antibody titers in psoriatic patients. Leipold B, et al. **Arch Dermatol Res** 1984;276(5):297–302

Considerations in the use of home ultraviolet radiation therapy for psoriasis. Abel EA. **Cutis** 1985 Feb;35(2):127–8, 130

Ultraviolet-action spectrum and evaluation of ultraviolet lamps for psoriasis healing. Fischer T, et al. **Int J Dermatol** 1984 Dec;23(10):633–7

To UVB or not to UVB? [editorial] Swanbeck G. **Photodermatol** 1984 Feb;1(1):1–4

[Survey on current status of home treatment of psoriasis patients with ultraviolet irradiation equipment] Biella U, et al. **Z Arztl Fortbild (Jena)** 1985;79(12):531–3 **(Ger)**

SURGERY

Laser surgery for psoriasis [letter] Békássy Z, et al. **Lancet** 1985 Sep 28;2(8457):725

Surgical treatment of psoriasis. Kiil J, et al. **Lancet** 1985 Jul 6;2(8445):16–8

Surgery for psoriasis [letter] Marks R. **Lancet** 1985 Aug 10; 2(8450):335

Surgery for psoriasis [letter] Shuster S. **Lancet** 1985 Aug 24; 2(8452):450–1

THERAPY

Skin blood flow in psoriasis during Goeckerman or beech tar therapy. Staberg B, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):331–64

Other modalities. Jablonska S. **Acta Derm Venereol [Suppl] (Stockh)** 1984;112:56–9

Organization of psoriasis treatment and psychosocial aspects. Swanbeck G, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1984;112:61–3

Plasmapheresis in the management of psoriasis. Schuster R, et al. **Arch Dermatol Res** 1985;277(4):330–1

The office visit and the self-help concept in the treatment of psoriasis. Farber EM. **Cutis** 1985 Mar;35(3):201–2

Self-help clinic for psoriasis. Farber EM, et al. **Cutis** 1984 Oct;34(4):339–40

Use of hyperthermia as an experimental treatment for psoriasis. Orenberg EK. **Cutis** 1984 Aug;34(2):115–6

Psoriasis. A review of recent advances in treatment. Farber EM, et al. **Drugs** 1984 Oct;28(4):324–46 (161 ref.)

The role of the ambulatory psoriasis treatment center as a cost-effective program for severe psoriasis. **J Am Acad Dermatol** 1985 Apr;12(4):740–7

Psoriasis treatment at the Dead Sea: a natural selective ultraviolet phototherapy. Abels DJ, et al. **J Am Acad Dermatol** 1985 Apr;12(4):639–43

Treatment of psoriasis. Halprin KM. **J Dermatol (Tokyo)** 1984 Oct;11(5):419–24

Reduction of chemotactic activities in psoriatic lesions by hyperthermia treatments. Isoda M, et al. **J Dermatol (Tokyo)** 1984 Aug;11(4):386–90

Continuous ambulatory peritoneal dialysis for psoriasis. Twardowski ZJ, et al. **Mo Med** 1985 Jan;82(1):15–7

Clearing of psoriatic lesions after the application of tape [letter] Shore RN. **N Engl J Med** 1985 Jan 24;312(4):246

Resistant childhood psoriasis: an analysis of patients seen in a day-care center. Menter MA, et al. **Pediatr Dermatol** 1984 Jul;2(1):8–12

A preliminary study on the in vivo transmission of light through psoriatic plaques. Farr PM, et al. **Photodermatol** 1984 Apr;1(2):87–90

[Experience with repeated hemoperfusion through a Czechoslovak manufactured system using activated charcoal––Hemasorb C] Monhart V, et al. **Vnitr Lek** 1985 Jan;31(1):83–91 (Eng. Abstr.) **(Cze)**

[Reduction of the UV dose in combined dithranol-UV therapy of psoriasis] Bárta U, et al. **Dermatol Monatsschr** 1985;171(2):91–4 (Eng. Abstr.) **(Ger)**

[Climate therapy of psoriasis: critical evaluation] Engst R, et al. **Hautarzt** 1985 Jan;36(1):54–8 (Eng. Abstr.) **(Ger)**

[Peritoneal dialysis and leukopheresis in psoriasis: indications and contraindications] Glinski W, et al. **Hautarzt** 1985 Jan; 36(1):16–9 (Eng. Abstr.) **(Ger)**

[Psoriasis vulgaris––sulfur brine therapy in 140 patients] Günther S, et al. **Z Hautkr** 1984 Sep 15;59(18):1238–43

(Eng. Abstr.) (Ger)

[Initial experiences in the treatment of psoriasis with pulsating magnetic fields] Castelpietra R, et al. **Minerva Med** 1984 Oct 20;75(40):2381-7 (Eng. Abstr.) **(Ita)**

[Climate therapy of psoriasis patients] Austad J, et al. **Tidsskr Nor Laegeforen** 1984 Aug 20;104(23):1548-9 (Eng. Abstr.) **(Nor)**

[Immunopathology of the skin and hemosorption] Beletskaia LV, et al. **Vestn Dermatol Venerol** 1985 May;(5):15-8 (Eng. Abstr.) **(Rus)**

[Sorption immunocorrection and rheological properties of the blood in patients with disseminated psoriasis] Glukhen'kiĭ BT, et al. **Vestn Dermatol Venerol** 1984 Nov;(11):16-7 (Eng. Abstr.) **(Rus)**

[Effect of detoxifying therapy on the immune complex level and phagocytic system of psoriasis patients] Korotkiĭ NG, et al. **Vestn Dermatol Venerol** 1985 Jun;(6):45-8 (Eng. Abstr.) **(Rus)**

[Effect of hemosorption on the state of lipid metabolism in patients with psoriasis] Lur'e VL, et al. **Vestn Dermatol Venerol** 1985 Mar;(3):50-3 (Eng. Abstr.) **(Rus)**

[Study of the blood lipoprotein spectrum in patients with disseminated psoriasis in the course of selective phototherapy] Olisova MO, et al. **Vestn Dermatol Venerol** 1985 Mar;(3):10-3 (Eng. Abstr.) **(Rus)**

[Immediate and remote results of treatment of patients with psoriasis by the method of selective phototherapy] Vladimirov VV, et al. **Vestn Dermatol Venerol** 1985 Feb;(2):34-6 (Eng. Abstr.) **(Rus)**

URINE

Catecholamine excretion in patients with psoriasis. Ellis VM. **Australas J Dermatol** 1984 Dec;25(3):118-20

PSYCHEDELIC AGENTS see **HALLUCINOGENS**

PSYCHIATRIC AIDES

EDUCATION

Crisis prevention and intervention training for psychiatric hospital staff. Rice ME, et al. **Am J Community Psychol** 1985 Jun;13(3):289-304

The development of clinical psychiatric dietetic technicians. Crosson LS. **J Am Diet Assoc** 1984 Nov;84(11):1360-1

PSYCHOLOGY

Institutional reform, adaptive functioning of mentally retarded persons, and staff quality of work life. MacEachron AE, et al. **Am J Ment Defic** 1985 Jan;89(4):379-88

PSYCHIATRIC DEPARTMENT, HOSPITAL

Admissions to a prison psychiatric unit. Glaser WF. **Aust NZ J Psychiatry** 1985 Mar;19(1):45-52

Pattern of discussion in traditional and novel ward-round procedures. Fewtrell WD, et al. **Br J Med Psychol** 1985 Mar;58 (Pt 1):57-62

Mental health care in the district hospital. Egdell HG. **Br Med J [Clin Res]** 1984 Dec 15;289(6459):1671-4

General hospital psychiatry: are its roles and functions adjunctive or pivotal? Richman A, et al. **Gen Hosp Psychiatry** 1985 Jul;7(3):258-66

Reintroducing the internship: reactions of three departments of psychiatry. Thompson TL 2d, et al. **Gen Hosp Psychiatry** 1985 Jul;7(3):224-7

Staff reaction to an inpatient homicide. Cournos F. **Hosp Community Psychiatry** 1985 Jun;36(6):664-6

Preventing assaults on a psychiatric inpatient ward. Felthous AR. **Hosp Community Psychiatry** 1984 Dec;35(12):1223-6

Staff responses to the pregnancy of a therapist on an inpatient unit. Leibenluft E. **Hosp Community Psychiatry** 1984 Oct;35(10):1033-6

Impact of AIDS-related cases on an inpatient therapeutic milieu. Polan HJ, et al. **Hosp Community Psychiatry** 1985 Feb;36(2):173-6

The value of inpatient group psychotherapy: patients' perceptions. Leszcz M, et al. **Int J Group Psychother** 1985 Jul;35(3):411-33

The use of restraints on a general psychiatric unit. Bornstein PE. **J Clin Psychiatry** 1985 May;46(5):175-8

Treatment characteristics of psychiatric programs that correlate with patient community adjustment. Collins JF, et al. **J Clin Psychol** 1985 May;41(3):299-308

Why a psychogeriatric unit? Whall AL, et al. **J Psychosoc Nurs Ment Health Serv** 1985 May;23(5):23-7

Referrals to psychiatrists in a general hospital--comparison of two methods of liaison psychiatry: preliminary communication. Sensky T, et al. **J R Soc Med** 1985 Jun;78(6):463-8

The evaluation of an environmental remodeling program on a psychiatric geriatric ward. Stahler GJ, et al. **J Soc Psychol** 1984 Jun;123(1ST Half):101-13

Baseline data for an epidemiological study of the inpatient population served by the department of psychiatry of a university teaching general hospital. Sarwer-Foner GJ, et al. **Psychiatr J Univ Ottawa** 1985 Mar;10(1):4-16

Psychosocial assessment on a short-stay inpatient psychiatric unit. Erickson RC. **Psychol Rep** 1984 Aug;55(1):43-7

Combined psychiatric-medical inpatient units: the Mount Sinai model. Goodman B. **Psychosomatics** 1985 Mar;26(3):179-82, 185-6, 189

Medical-psychiatric unit patients compared with patients in two other services. Molnar G, et al. **Psychosomatics** 1985 Mar;26(3):193-5, 199-200, 208-9

The medical-psychiatric unit: a novel psychosomatic approach. Fava GA, et al. **Psychother Psychosom** 1985;43(4):194-201

[Utilization of beds in psychiatric departments and the development in alternative forms of treatment] Dupont A. **Ugeskr Laeger** 1985 Jan 21;147(4):307-10 (Eng. Abstr.) **(Dan)**

[District psychiatric projects in Denmark based on the hospital services. Description and current status] Lindhardt A, et al. **Ugeskr Laeger** 1984 Jun 4;146(23):1733-40 (Eng. Abstr.) **(Dan)**

[Group therapy in a general psychiatric department. Description of a treatment program] Richardt A, et al. **Ugeskr Laeger** 1984 Oct 8;146(41):3153-5 **(Dan)**

[Project for the production of a videofilm on the recording of psychiatric data in a microcomputer] Fanielle J, et al. **Ann Med Psychol (Paris)** 1984 Nov;142(9):1231-6 **(Fre)**

[The psychiatric unit as a foreign body in the general hospital] Hoirisch A. **Ann Med Psychol (Paris)** 1984 Apr;142(4):488-93 **(Fre)**

['Turning trouble into virtue'--5 years of cooperation of a psychiatric department with a center for the elderly and home for the aged] Warsitz P, et al. **Psychiatr Prax** 1985 Mar;12(2):33-42 (Eng. Abstr.) **(Ger)**

[Alcohol programs in a general hospital] Santo-Domingo J, et al. **Arch Neurobiol (Madr)** 1985 Mar-Apr;48(2):89-104 (Eng. Abstr.) **(Spa)**

[Psychiatric care of the adolescent student. Experience with 276 students cared for as out-patients in a specialized unit] Silva Riesco G. **Rev Med Chil** 1984 Aug;112(8):831-5 (Eng. Abstr.) **(Spa)**

ECONOMICS

Beyond gamesmanship: strategies for coping with prospective payment. Fogel BS, et al. **Hosp Community Psychiatry** 1985 Jul;36(7):760-3

A plan for prospective payment for inpatient psychiatric care. Frank RG, et al. **Hosp Community Psychiatry** 1985 Jul;36(7):775-6

Challenges in bringing exempt psychiatric services under a prospective payment system. Jencks SF, et al. **Hosp Community Psychiatry** 1985 Jul;36(7):764-9

Prospective payment and psychiatric discharges from general hospitals with and without psychiatric units. Taube CA, et al. **Hosp Community Psychiatry** 1985 Jul;36(7):754-60

LEGISLATION & JURISPRUDENCE

General hospital psychiatry in Italy: on the hospitalization of psychiatric patients and consultation-liaison psychiatry after Law 180, 1978. Cazzullo CL, et al. **Gen Hosp Psychiatry** 1984 Oct;6(4):261-5

Prosecuting psychiatric patients for assault. Phelan LA, et al. **Hosp Community Psychiatry** 1985 Jun;36(6):581-2

Medicolegal problems of elopement from psychiatric units. Molnar G, et al. **J Forensic Sci** 1985 Jan;30(1):44-9

MANPOWER

[The contact man--a new personnel category within institutional psychiatric care] Sandlund M, et al. **Lakartidningen** 1985 Jun 26;82(26-27):2450-2 **(Swe)**

ORGANIZATION & ADMINISTRATION

Contrasting models for combined medical and psychiatric inpatient treatment. Fogel BS, et al. **Am J Psychiatry** 1985 Sep;142(9):1085-9

Controlled evaluation of a hospital-originated community transitional system. Kuldau JM, et al. **Arch Gen Psychiatry** 1977 Nov;34(11):1331-40

Analysis of a unit management team's first year of business. Morgan R. **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1090-1

General hospital psychiatry and deinstitutionalization: a systems view. Bachrach LL. **Gen Hosp Psychiatry** 1985 Jul;7(3):239-48

A psychiatric unit becomes a psychiatric-medical unit: administrative and clinical implications. Fogel BS. **Gen Hosp Psychiatry** 1985 Jan;7(1):26-35

Toward the integration of psychosocial services in the general hospital. The human services department. Hammer JS, et al. **Gen Hosp Psychiatry** 1985 Jul;7(3):189-94

The nature and effectiveness of general hospital psychiatric services. Schulberg HC, et al. **Gen Hosp Psychiatry** 1985 Jul;7(3):249-57

A comprehensive psychiatric service. Wang AG. **Gen Hosp Psychiatry** 1984 Oct;6(4):258-60

Contracting hikes occupancy in psych units: study. **Hospitals** 1985 May 1;59(9):60, 62

Psychiatric emergency service in a Malaysian general hospital. Woon TH, et al. **Singapore Med J** 1984 Jun;25(3):161-4

STANDARDS

Assessment of suicide risk in patients with personality disorder and major affective diagnosis. Clements CD, et al. **QRB** 1985 May;11(5):150-4

[Characteristics of the working system in a psychiatric department studied by questionnaires circulated among patients and their families] Kiejna A, et al. **Psychiatr Pol** 1984 Jul-Aug;18(4):355-61 (Eng. Abstr.) **(Pol)**

TRENDS

The impact of Psychiatric Reform on inpatient services in a metropolitan area of Southern Italy: the Naples case. Scala A, et al. **Acta Psychiatr Scand [Suppl]** 1985;316:151-7

Institutional pathology in a psychiatric inpatient service. Blotnick-Pender VS. **Psychiatr Q** 1984 Summer;56(2):130-7

UTILIZATION

Care needed in counting inpatient episodes [letter] Manderscheid RW, et al. **Am J Psychiatry** 1984 Nov;141(11):1496-7

Nursing home care as an alternative to psychiatric hospitalization. A Veterans Administration Cooperative Study. Linn MW, et al. **Arch Gen Psychiatry** 1985 Jun;42(6):544-51

The impact of Medicaid benefit design on length of hospital stay and patient transfers. Frank RG, et al. **Hosp Community Psychiatry** 1985 Jul;36(7):749-53

Baseline data for an epidemiologic study of the psychiatric adult outpatient clinics population served by the department of psychiatry of a university teaching general hospital. Sarwer-Foner GJ, et al. **Psychiatr J Univ Ottawa** 1985 Jun;10(2):59-80

[Profile of psychiatric emergencies in general hospital wards] Corten P, et al. **Acta Psychiatr Belg** 1984 Sep-Oct;84(5):483-99 (Eng. Abstr.) **(Fre)**

PSYCHIATRIC NURSING

Reactions of psychiatric staff to an AIDS patient [letter] Rosse RB. **Am J Psychiatry** 1985 Apr;142(4):523

Attitudes of psychiatric nurses to treatment and patients. Scott DJ, et al. **Br J Med Psychol** 1985 Jun;58 (Pt 2):169-73

Controlled trial of psychiatric nurse therapists in primary care. Marks I. **Br Med J [Clin Res]** 1985 Apr 20;290(6476):1181-4

Escorting mentally ill patients: ignored nursing function. Hermanstyne L. **Dimens Health Serv** 1984 Dec;61(12):30-1

Nurse-psychotherapists: whom do they treat? Pelletier LR. **Hosp Community Psychiatry** 1984 Nov;35(11):1149-50

A study to compare two models of community psychiatric nursing care delivery. Brooker CG, et al. **J Adv Nurs** 1985 May;10(3):217-23

'The more things change the more they stay the same': factors affecting the implementation of the nursing process. Milne D. **J Adv Nurs** 1985 Jan;10(1):39-45

The school nurse's dilemma. **J Psychosoc Nurs Ment Health Serv** 1984 Aug;22(8):31-4

Humanistic care of the patient in seclusion. Baradell JG. **J Psychosoc Nurs Ment Health Serv** 1985 Feb;23(2):9-14

Burnout. Can social support save the psych nurse? Cronin-Stubbs D, et al. **J Psychosoc Nurs Ment Health Serv** 1985 Jul;23(7):8-13

Smoking and the psych nurse. Feldman R. **J Psychosoc Nurs Ment Health Serv** 1984 Aug;22(8):13-6

First rate: exploring the structure, process, and effectiveness of nurse psychotherapy. Hardin SB, et al. **J Psychosoc Nurs Ment Health Serv** 1985 May;23(5):9-15

Mathari Hospital, Nairobi, Kenya: J.G. Magu, Chief of Nursing [interview] Magu JG. **J Psychosoc Nurs Ment Health Serv** 1984 Jul;22(7):35-9

Intellectual traditions in psychiatric mental nursing: a review of selected textbooks. Osborne OH. **J Psychosoc Nurs Ment Health Serv** 1984 Nov;22(11):27-32

Child psychiatric nursing. The gap between need and utilization. Pothier PC, et al. **J Psychosoc Nurs Ment Health Serv** 1985 Jul;23(7):18-23

China. Psychosocial nursing in the People's Republic. Tousley MM. **J Psychosoc Nurs Ment Health Serv** 1985 May;23(5):28-35

Community psychiatric nursing: a survey of patients and problems. Robertson H, et al. **J R Coll Gen Pract** 1985 Mar;35(272):130-2

The geriatric patient on an acute psychiatric service: a case study. Salisbury SA. **Milit Med** 1985 Feb;150(2):67-71

Dinner with the family as an effective assessment method [letter] Hardesty F. **Nurse Pract** 1984 Sep;9(9):57

EDUCATION

The development and evaluation of a structured learning format introduction to behaviour therapy for psychiatric nurses. Milne D. **Br J Clin Psychol** 1984 Sep;23 (Pt 3):175-85

Improving the social validity and implementation of behaviour therapy training for psychiatric nurses using a patient-centred learning format. Milne D. **Br J Clin Psychol** 1984 Nov;23 (Pt 4):313-4

Review and replications of a 'core-course' in behaviour therapy for psychiatric nurses. Milne D, et al. **J Adv Nurs** 1985 Mar;10(2):137-48

The use of a battered women's shelter as a clinical agency for student learning. Finley B. **J Nurs Educ** 1984 Sep;23(7):310–3

The world of psychosocial nursing. Connie Holleran: Executive Director International Council of Nurses [interview] Holleran C. **J Psychosoc Nurs Ment Health Serv** 1984 Nov;22(11):33–7

Supervising clinical practice in psychosocial nursing. Hughes CM. **J Psychosoc Nurs Ment Health Serv** 1985 Feb;23(2):27–32

Helping students survive institutionalized patients and burn-out in staff in chronic psychiatric care facilities. Bissell BP, et al. **Perspect Psychiatr Care** 1984 Jul–Sep;22(3):108–14

Students' perceptions of learning and change in the psychiatric clinical setting. Krikorian DA, et al. **Perspect Psychiatr Care** 1984 Jul–Sep;22(3):118–24

HISTORY

Emergence of training programs for asylum nursing at the turn of the century. Church OM. **ANS** 1985 Jan;7(2):35–46

METHODS

Levels of contracting. Loomis ME. **J Psychosoc Nurs Ment Health Serv** 1985 Mar;23(3):9–14

Therapist self-disclosure: when is it appropriate? Auvil CA, et al. **Perspect Psychiatr Care** 1984 Apr–Jun;22(2):57–61

STANDARDS

Psychiatric and nonpsychiatric facilities in the care of psychogeriatric patients. Rodenburg M. **Can Med Assoc J** 1985 Feb 1;132(3):244–6, 248

The European dimension. Walsh JJ. **J Adv Nurs** 1985 Jan;10(1):87–8

TRENDS

Recent trends and issues in psychiatric–mental health nursing. Pearlmutter DR. **Hosp Community Psychiatry** 1985 Jan;36(1):56–62

Three generations of men in psychosocial nursing [interview] Christman L, et al. **J Psychosoc Nurs Ment Health Serv** 1984 Dec;22(12):23–8

PSYCHIATRIC SOCIAL WORK see **SOCIAL WORK, PSYCHIATRIC**

PSYCHIATRIC STATUS RATING SCALES

Use of P300 and a dementia rating scale in the evaluation of cognitive dysfunction in MS. Tourtellotte WW, et al. **Acta Neurol Scand [Suppl]** 1984;101:32–4

Comparison of computerised self-rating scales for depression with conventional observer ratings. Ancill RJ, et al. **Acta Psychiatr Scand** 1985 Mar;71(3):315–7

Inter-rater reliability of the Comprehensive Psychopathological Rating Scale in Japan. Kasa M, et al. **Acta Psychiatr Scand** 1985 Apr;71(4):388–91

Dexamethasone suppression test, TRH test and Newcastle II depression rating in the diagnosis of depressive disorders. Larsen JK, et al. **Acta Psychiatr Scand** 1985 May;71(5):499–505

Presentation of a subscale for the rating of depression and some additional items to the Comprehensive Psychopathological Rating Scale. Perris C, et al. **Acta Psychiatr Scand** 1984 Sep;70(3):261–74

A rating scale for emotional distress in patients with malignant diseases. Wiholm BE, et al. **Acta Psychiatr Scand** 1984 Oct;70(4):378–88

But are they cases? Validity of DSM-III major depression in children identified in a family study. Beardslee WR, et al. **Am J Psychiatry** 1985 Jun;142(6):687–91

The need for tests of normal functioning in the psychiatric interview. Havens LL. **Am J Psychiatry** 1984 Oct;141(10):1208–11

Assessing borderline personality disorder with self-report, clinical interview, or semistructured interview. Hurt SW, et al. **Am J Psychiatry** 1984 Oct;141(10):1228–31

Development of a clinical instrument to estimate suicide risk. Motto JA, et al. **Am J Psychiatry** 1985 Jun;142(6):680–6

Comparison of three systems for diagnosing borderline personality disorder. Nelson HF, et al. **Am J Psychiatry** 1985 Jul;142(7):855–8

A screening test for somatization disorder (hysteria). Othmer E, et al. **Am J Psychiatry** 1985 Oct;142(10):1146–9

A new rating scale for Alzheimer's disease. Rosen WG, et al. **Am J Psychiatry** 1984 Nov;141(11):1356–64

Comparison of ketamine and thiopental in healthy volunteers: effects on mental status, mood, and personality. Moretti RJ, et al. **Anesth Analg** 1984 Dec;63(12):1087–96

Comparison of the lay Diagnostic Interview Schedule and a standardized psychiatric diagnosis. Experience in eastern Baltimore. Anthony JC, et al. **Arch Gen Psychiatry** 1985 Jul;42(7):667–75

The assessment of affective disorders in children and adolescents by semistructured interview. Test-retest reliability of the schedule for affective disorders and schizophrenia for school-age children, present episode version. Chambers WJ, et al. **Arch Gen Psychiatry** 1985 Jul;42(7):696–702

A comparison of clinical and diagnostic interview schedule diagnoses. Physician reexamination of lay-interviewed cases in the general population. Helzer JE, et al. **Arch Gen Psychiatry** 1985 Jul;42(7):657–66

Epidemiology: reflections on testing the validity of psychiatric interviews. Robins LN. **Arch Gen Psychiatry** 1985 Sep;42(9):918–24

Choosing a Global Assessment Scale to describe the functioning of children [letter] Sorensen JL, et al. **Arch Gen Psychiatry** 1984 Dec;41(12):1186

A structured interview for the DSM-III personality disorders. A preliminary report. Stangl D, et al. **Arch Gen Psychiatry** 1985 Jun;42(6):591–6

A proposed method for measuring change beyond symptoms. Weiss DS, et al. **Arch Gen Psychiatry** 1985 Jul;42(7):703–8

A comparison of two diagnostic methods. Clinical ICD diagnoses vs DSM-III and Research Diagnostic Criteria using the Diagnostic Interview Schedule (version 2). Wittchen HU, et al. **Arch Gen Psychiatry** 1985 Jul;42(7):677–84

Validity of RDC and DSM-III [letter] Zimmerman M, et al. **Arch Gen Psychiatry** 1985 Jun;42(6):633–4

Rating scales for depression and anxiety: a current perspective. Snaith RP, et al. **Br J Clin Pharmacol** 1985;19 Suppl 1:17S–20S

The Stress Response Rating Scale: a clinician's measure for rating the response to serious life-events. Weiss DS, et al. **Br J Clin Psychol** 1984 Sep;23 (Pt 3):202–15

The measurement of psychiatric rehabilitation status. A review of the needs and a new scale. Affleck JW, et al. **Br J Psychiatry** 1984 Nov;145:517–25

Clinical Dementia Rating [letter] Berg L. **Br J Psychiatry** 1984 Sep;145:339

Chronicity and the General Health Questionnaire. Goodchild ME, et al. **Br J Psychiatry** 1985 Jan;146:55–61

Subcultural delusions and hallucinations. Comments on the Present State Examination in a multi-cultural context. Swartz L, et al. **Br J Psychiatry** 1985 Apr;146:391–4

Identifying psychiatric illness among general medical patients [editorial] Goldberg D. **Br Med J [Clin Res]** 1985 Jul 20;291(6489):161–2

Toward the development of a play performance scale for children (PPSC). Lansky LL, et al. **Cancer** 1985 Oct 1;56(7 Suppl):1837–40

Base rates for psychological disturbance in children: an evaluation of a screening instrument. Reeler AP. **Cent Afr J Med** 1984 Sep;30(9):181–2, 185–6

Agreement between two structured psychiatric diagnostic interviews: DIS and the PDI. Weller RA, et al. **Compr Psychiatry** 1985 Mar–Apr;26(2):157–63

Measuring regression in hospitalized medical patients: the BUMP scale. Zeldow PB, et al. **Gen Hosp Psychiatry** 1985 Jan;7(1):49–53

The clinical interview for depression. Development, reliability and validity. Paykel ES. **J Affective Disord** 1985 Jul;9(1):85–96

Mania. Diagnosis, state measurement and prediction of treatment response. Secunda SK, et al. **J Affective Disord** 1985 Mar–Apr;8(2):113–21

Informant variance: the issue of parent-child disagreement. Kashani JH, et al. **J Am Acad Child Psychiatry** 1985 Jul;24(4):437–41

Assessment of borderline symptomatology in hospitalized adolescents. McManus M, et al. **J Am Acad Child Psychiatry** 1984 Nov;23(6):685–94

Mental status tests in geriatrics [editorial] Blass JP. **J Am Geriatr Soc** 1985 Jul;33(7):461–2

Diagnosing dementia. Univariate and multivariate analyses of the mental status examination. Klein LE, et al. **J Am Geriatr Soc** 1985 Jul;33(7):483–8

The discriminate validity of the Psychiatric Diagnostic Interview. Powell BJ, et al. **J Clin Psychiatry** 1985 Aug;46(8):320–2

The measurement of schizophrenic conceptualization using a Spanish translation of the Whitaker Index of Schizophrenic Thinking. Acevedo Noriega N, et al. **J Clin Psychol** 1985 Mar;41(2):157–61

Evaluation of a short form of the POMS-Depression scale. Malouff JM, et al. **J Clin Psychol** 1985 May;41(3):389–91

Affective disorders and depression as measured by the Diagnostic Interview Schedule and the Beck Depression Inventory in an unselected adult population. Oliver JM, et al. **J Clin Psychol** 1985 Jul;41(4):469–77

Depression as measured by the DSM-III and the Beck Depression Inventory in an unselected adult population. Oliver JM, et al. **J Consult Clin Psychol** 1984 Oct;52(5):892–8

Borderline diagnosis from hospital records. Reliability and validity of Gunderson's Diagnostic Interview for Borderlines (DIB). Armelius BA, et al. **J Nerv Ment Dis** 1985 Jan;173(1):32–4

Unbiased criteria for severity of depression in alcoholic inpatients. Clark DC, et al. **J Nerv Ment Dis** 1985 Aug;173(8):482–7

Dimensions of posttraumatic stress disorder among Vietnam veterans. Laufer RS, et al. **J Nerv Ment Dis** 1985 Sep;173(9):538–45

New data from the Addiction Severity Index. Reliability and validity in three centers. McLellan AT, et al. **J Nerv Ment Dis** 1985 Jul;173(7):412–23

An assessment of the schedule for schizotypal personalities and the DSM-III criteria for diagnosing schizotypal personality disorder. Perry JC, et al. **J Nerv Ment Dis** 1984 Nov;172(11):674–80

Ethnicity and reporting of schizophrenic symptoms. Randolph ET, et al. **J Nerv Ment Dis** 1985 Jun;173(6):332–40

Correlations of self-directed violence in acute schizophrenics with clinical ratings and personality measures. Seeman K, et al. **J Nerv Ment Dis** 1985 May;173(5):298–302

The brief scale for anxiety: a subdivision of the comprehensive psychopathological rating scale. Tyrer P, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):970–5

Developing a brief neuropsychological mental status exam: a pilot study. Turner HB, et al. **J Neurosurg Nurs** 1984 Oct;16(5):257–61

Application of modern psychometric theory in psychiatric research. Gibbons RD, et al. **J Psychiatr Res** 1985;19(1):43–55

Item characteristics of the Hamilton Rating Scale for Depression. Rehm LP, et al. **J Psychiatr Res** 1985;19(1):31–41

Factor structure of the drinking behavior interview in a private inpatient treatment program. Schultz HT, et al. **J Stud Alcohol** 1985 Mar;46(2):132–6

Comparison of the AMP system and the CPRS with regard to interrater reliability. Maurer M, et al. **Neuropsychobiology** 1984;12(1):27–33

KUSTA (Kurz-Skala Stimmung/Aktivierung): a daily self-rating scale for depressive patients. Wendt G, et al. **Pharmacopsychiatry** 1985 Jan;18(1):118–22

The severity of psychiatric disorder: a replication. Gift TE, et al. **Psychiatry Res** 1985 Feb;14(2):163–73

Informed versus blind: the reliability of cross-sectional ratings of psychopathology. McDonald-Scott P, et al. **Psychiatry Res** 1984 Jul;12(3):207–17

The Modified Hamilton Rating Scale for Depression: reliability and validity. Miller IW, et al. **Psychiatry Res** 1985 Feb;14(2):131–42

Use of the Hamilton Rating Scale for Depression and the Carroll Self-Rating Scale in adolescents. Robbins DR, et al. **Psychiatry Res** 1985 Feb;14(2):123–9

Item selection for profiles: a reanalysis of an international profile of schizophrenia. Kraemer HC. **Psychol Bull** 1984 Sep;96(2):415–23

The List of Threatening Experiences: a subset of 12 life event categories with considerable long-term contextual threat. Brugha T, et al. **Psychol Med** 1985 Feb;15(1):189–94

First rank symptoms and diagnosis of schizophrenia in developing countries. Ahmed SH, et al. **Psychopathology** 1984;17(5–6):275–9

World Health Organization Schedule for Standardized Assessment of Depressive Disorders (WHO/SADD-5). Item combinations and interobserver reliability. Bech P, et al. **Psychopathology** 1984;17(5–6):244–52

Generalized anxiety or depression measured by the Hamilton Anxiety Scale and the Melancholia Scale in patients before and after cardiac surgery. Bech P, et al. **Psychopathology** 1984;17(5–6):253–63

A clinical rating scale for symptoms of psychosis in Alzheimer's disease. Reisberg B, et al. **Psychopharmacol Bull** 1985;21(1):101–4

Assessment of symptom change from improvement curves on the Hamilton depression scale in trials with antidepressants. Bech P, et al. **Psychopharmacology (Berlin)** 1984;84(2):276–81

Cognitive screening at the bedside: usefulness of a structured examination. Beresford TP, et al. **Psychosomatics** 1985 Apr;26(4):319–22, 324

Panic disorders: clinical update 1984. Diagnostic dilemmas. Spitzer RL, et al. **Psychosomatics** 1984 Oct;25(10 Suppl):16–20

The Social Interview Schedule (SIS)--content, structure and reliability. Faltermaier T, et al. **Soc Psychiatry** 1985;20(3):115–24

[A new functional schema. III. Employment] Sørensen KH, et al. **Ugeskr Laeger** 1984 Jun 18;146(25):1884–7 (Eng. Abstr.) **(Dan)**

[Application of the BOP (an evaluation scale for older patients) in a psychiatric hospital. A clinical study] Baas MM, et al. **Tijdschr Gerontol Geriatr** 1984 Oct;15(5):197–201 (Eng. Abstr.) **(Dut)**

[Contribution of the AMDP scale to quantitative psychopathology] Bobon D. **Acta Psychiatr Belg** 1985 Jan–Feb;85(1):5–249 (0 ref.) (Eng. Abstr.) **(Fre)**

[Standardized psychiatric examination according to the Wing-Cooper-Sartorius method] Timsit-Berthier M, et al. **Acta Psychiatr Belg** 1984 May–Jun;84(3):252–72 (Eng. Abstr.) **(Fre)**

[Comparison of the A.M.D.P. and P.S.E. on the basis of a standardized integrated interview] Bobon D, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):865–9 **(Fre)**

[Phenomenology and clinometry] Jonckheere P, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):790–5 **(Fre)**

[Comparison of various tools for evaluating depression apropos of a study on Athymil 30 mg] Lempérière T, et al. **Ann Med Psychol (Paris)** 1984 Nov;142(9):1206–14 **(Fre)**

[Factorial structure of the A.M.D.P.: comparison with German language studies and originality of the French adaptation] Troisfontaines B, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):870–80 **(Fre)**

[A new measure of interrater reliability in individual cases preliminary to the French-speaking A.M.D.P. videotape library] von Frenckell R. **Ann Med Psychol (Paris)** 1984 Jun;142(6):898–902 **(Fre)**

[The Hamburg Rating Scale for psychiatric disorders following heart operations (HRPD)] Götze P, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(5):308–18 (Eng. Abstr.) **(Ger)**

[Dimensions of the Hamilton Depression Scale. Factor analysis studies] Maier W, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(6):417–22 (Eng. Abstr.) **(Ger)**

[The Strauss-Carpenter Scale: evaluation of its prognostic value for the 5-year outcome of schizophrenic patients] Möller HJ, et al. **Eur Arch Psychiatry Neurol Sci** 1984; 234(2):112–7 (Eng. Abstr.) **(Ger)**

[Development of new prognosis indices for patients with schizophrenic diseases and evaluation of their predictive validity] Möller HJ, et al. **Fortschr Neurol Psychiatr** 1984 Dec;52(12):421–7 (Eng. Abstr.) **(Ger)**

[InSka (Intentionality Scale)--a new psychopathometric instrument for the detection of schizophrenic residual symptoms] Mundt C, et al. **Nervenarzt** 1985 Mar; 56(3):146–9 **(Ger)**

[A study of neonatal behavioral characteristics: The relationship between Brazelton Neonatal Behavioral Assessment Scale and infant-perception by nurses] Takeuchi M. **Shinrigaku Kenkyu** 1984 Dec;55(5):296–302 (Eng. Abstr.) **(Jpn)**

[Multifactorial rating scale of psychosocial changes in patients with a history of myocardial infarct] Zaĭtsev VI, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1984;7(2):60–7 (Eng. Abstr.) **(Rus)**

[Clinical and endocrinological aspects of delusional depression] Ayuso Gutiérrez JL, et al. **Acta Psiquiatr Psicol Am Lat** 1984 Sep;30(3):175–83 (Eng. Abstr.) **(Spa)**

[Clinical indicators of psychiatric change in general medical practice] Caraveo JJ, et al. **Salud Publica Mex** 1985 Mar–Apr;27(2):140–8 (Eng. Abstr.) **(Spa)**

PSYCHIATRY

Focus on the Italian psychiatric reform. **Acta Psychiatr Scand [Suppl]** 1985;316:1–157

Consultation-liaison throughout the world. **Adv Psychosom Med** 1983;11:1–214 (55 ref.)

Consultation-liaison activities in Norway. Askevold F. **Adv Psychosom Med** 1983;11:143–9

Consultation-liaison psychiatry in Israel. Avni J. **Adv Psychosom Med** 1983;11:88–108 (21 ref.)

Consultation-liaison psychiatry in Italy. Fava GA, et al. **Adv Psychosom Med** 1983;11:133–42

Consultation-liaison psychiatry in the United Kingdom. Gath D, et al. **Adv Psychosom Med** 1983;11:109–26

Consultation-liaison psychiatry in Japan. Ishikawa H. **Adv Psychosom Med** 1983;11:127–32

The evolution of psychosomatic medicine and consultation-liaison psychiatry. Leigh H. **Adv Psychosom Med** 1983;11:1–22

Consultation-liaison throughout the world. International comparisons: concluding remarks. Lloyd G. **Adv Psychosom Med** 1983;11:205–9

Liaison psychiatry (liaison medicine). Oken D. **Adv Psychosom Med** 1983;11:23–51 (95 ref.)

Consultation-liaison psychiatry in Belgium. Pierloot RA, et al. **Adv Psychosom Med** 1983;11:150–63

Consultation-liaison psychiatry in Poland. Ryn Z. **Adv Psychosom Med** 1983;11:74–87

Consultation-liaison psychiatry in Panama. Sabonge R, et al. **Adv Psychosom Med** 1983;11:62–73

Practical distinctions between consultative psychiatry and liaison medicine. Schubert DS. **Adv Psychosom Med** 1983; 11:52–61

Discharge planning for the high-risk neonate: a consultation-liaison role for the infant mental health specialist. Horner TW, et al. **Am J Orthopsychiatry** 1984 Oct;54(4):637–47

Nuclear death: an unprecedented challenge to psychiatry and religion. Frank JD. **Am J Psychiatry** 1984 Nov; 141(11):1343–8

Importance of medical anthropology in clinical psychiatry [letter] Gray GE, et al. **Am J Psychiatry** 1985 Feb; 142(2):275

After commissioner, what? Greenblatt M, et al. **Am J Psychiatry** 1985 Jun;142(6):752–4

Medicolegal pitfalls in the treatment of borderline patients. Gutheil TG. **Am J Psychiatry** 1985 Jan;142(1):9–14

The fences of psychiatry [editorial] Holzman PS. **Am J Psychiatry** 1985 Feb;142(2):217–8

Medical students' perception of psychiatry [letter] Jos CJ, et al. **Am J Psychiatry** 1985 May;142(5):660–1

Career patterns of female and male graduates of a psychiatric residency program. Kashtan JF, et al. **Am J Psychiatry** 1984 Oct;141(10):1248–50

More positive supreme court views on psychiatry [letter] Kennelly DJ. **Am J Psychiatry** 1985 Mar;142(3):387–8

A role for psychiatrists in preventing nuclear war [letter] Ketai R. **Am J Psychiatry** 1984 Dec;141(12):1640–1

Psychiatric epidemiology and clinical psychiatry [letter] Klerman GL, et al. **Am J Psychiatry** 1985 Sep; 142(9):1123–4

Diagnosing schizophrenia in 1982: the effect of DSM-III. Lipkowitz MH, et al. **Am J Psychiatry** 1985 May; 142(5):634–7

Toward unity: the joint statement of the American Medical Association and the American Psychiatric Association regarding the insanity defense [editorial] McGrath JJ. **Am J Psychiatry** 1985 Sep;142(9):1058–9

Response to presidential address: unity amidst diversity: future challenges. Nadelson CC. **Am J Psychiatry** 1985 Sep; 142(9):1009–14

A profile of clients referred for psychiatric evaluation for Social Security Disability Income and Supplemental Security Income: implications for psychiatry. Okpaku S. **Am J Psychiatry** 1985 Sep;142(9):1037–43

John A. Talbott, M.D. One hundred thirteenth President, 1984–1985. Sabshin M. **Am J Psychiatry** 1985 Sep; 142(9):1014–6

The contribution of epidemiology to clinical psychiatry [editorial] Shepherd M. **Am J Psychiatry** 1984 Dec; 141(12):1574–6

Presidential address: Our patients' future in a changing world: the imperative for psychiatric involvement in public policy. Talbott JA. **Am J Psychiatry** 1985 Sep;142(9):1003–14

Patterns of psychiatric consultation in a Chinese general hospital. Zuo C, et al. **Am J Psychiatry** 1985 Sep; 142(9):1092–4

Psychiatric epidemiology and epidemiological psychiatry. Shepherd M. **Am J Public Health** 1985 Mar;75(3):275–6

The clinician's illusion. Cohen P, et al. **Arch Gen Psychiatry** 1984 Dec;41(12):1178–82

Diagnosis-related groups and clinical research in psychiatry. Pincus HA, et al. **Arch Gen Psychiatry** 1985 Jun;42(6):627–9

Mortality studies in psychiatry. Should they stop or proceed? Tsuang MT, et al. **Arch Gen Psychiatry** 1985 Jan; 42(1):98–103

Freedom of information: can we afford to be anything but clinical? Lipton GL, et al. **Aust NZ J Psychiatry** 1984 Jun; 18(2):158–62

Psychosocial factors and the management of physical illness: a contribution to the cost-containment of medical care. Mendelson G. **Aust NZ J Psychiatry** 1984 Sep;18(3):211–6

Psychiatric consultancy in major disaster. Raphael B. **Aust NZ J Psychiatry** 1984 Dec;18(4):303–6

Sensory deprivation and clinical psychiatry. Slade PD. **Br J Hosp Med** 1984 Nov;32(5):256–60

Social anthropology in relation to psychiatry. Littlewood R. **Br J Psychiatry** 1985 May;146:552–4 (44 ref.)

Psychiatry in jeopardy. Rawnsley K. **Br J Psychiatry** 1984 Dec;145:573–8

Is communication improving between general practitioners and psychiatrists? Pullen IM, et al. **Br Med J [Clin Res]** 1985 Jan 5;290(6461):31–3

Quality assurance in psychiatry. The position of the Canadian Psychiatric Association. Cahn C, et al. **Can J Psychiatry** 1985 Mar;30(2):148–58 **(Eng, Fre)**

Recruitment into psychiatry: a study of the timing and process of choosing psychiatry as a career. Cameron P, et al. **Can J Psychiatry** 1984 Dec;29(8):676–80

Passing the oral examination for specialist qualification in psychiatry. Kline SA, et al. **Can J Psychiatry** 1984 Apr; 29(3):269–74

Boredom in psychiatric practice. Morrant JC. **Can J Psychiatry** 1984 Aug;29(5):431–4

Whatsoever things are true: ways, means and values in modern psychiatry. Runions JE. **Can J Psychiatry** 1984 Apr;29(3):223–7

Canadian psychiatrists consider the plight of the unemployed. Trainor D. **Can Med Assoc J** 1984 Dec 15;131(12):1493–4

Exemplar prototypes of personality disorder diagnoses. Blashfield R, et al. **Compr Psychiatry** 1985 Jan–Feb; 26(1):11–21

Psychiatry and primary care: can a working relationship develop? Fink PJ. **Gen Hosp Psychiatry** 1985 Jul;7(3):205–9

The benefits of a psychiatric consultation--liaison service in a general hospital. Hales RE. **Gen Hosp Psychiatry** 1985 Jul;7(3):214–8

Microcomputers and consultation psychiatry in the general hospital. Hammer JS, et al. **Gen Hosp Psychiatry** 1985 Apr; 7(2):119–24

Library collection of the psychosocial publications in consultation-liaison psychiatry. McCartney CF, et al. **Gen Hosp Psychiatry** 1985 Jan;7(1):73–82

Some methodological issues in consultation-liaison psychiatry research. Mitchell WD, et al. **Gen Hosp Psychiatry** 1985 Jan;7(1):66–72

Data-based psychiatric consultation: applying mainframe computer capability to consultation. Popkin MK, et al. **Gen Hosp Psychiatry** 1985 Apr;7(2):109–12

A minicomputer approach to consultation-liaison data basing: Pedagog-Admin-CLINFO. Strain JJ, et al. **Gen Hosp Psychiatry** 1985 Apr;7(2):113–8

Discussion on the use of computers in consultation-liaison psychiatry. Taintor Z. **Gen Hosp Psychiatry** 1985 Apr; 7(2):128–31

Commentary: psychiatry and primary care. Wise TN. **Gen Hosp Psychiatry** 1985 Jul;7(3):202–4

Communication between psychiatrists and general practitioners. What sort of letters should psychiatrists write? Yellowlees AJ, et al. **Health Bull (Edinb)** 1984 Nov; 42(6):285–96

Employee assistance programs: an overview and suggested roles for psychiatrists. Brill P, et al. **Hosp Community Psychiatry** 1985 Jul;36(7):727–32

Psychiatry and the primary care physician. Fink PJ. **Hosp Community Psychiatry** 1985 Aug;36(8):870–5

A reconsideration of power in psychiatric administration. Lipton AA, et al. **Hosp Community Psychiatry** 1985 May; 36(5):497–503

Public mental hospital work: pros and cons for psychiatrists. Miller RD. **Hosp Community Psychiatry** 1984 Sep; 35(9):928–33

The mental health commissionership: major changes over a decade. Mills MJ. **Hosp Community Psychiatry** 1985 Apr; 36(4):363–8

The psychiatric consultant's approach to elderly fallers. Nickens H. **Hosp Community Psychiatry** 1984 Dec; 35(12):1190–1, 1248

Are conflicts of interests endemic to psychiatric consultation? Tancredi LR, et al. **Int J Law Psychiatry** 1983; 6(3–4):293–316

Establishing liaison psychiatric services--a personal view. Thomas C. **Int J Soc Psychiatry** 1985 Summer;31(2):149–55

Diagnostic reliability among psychiatrists. Results of two exercises. Levav I, et al. **Isr J Psychiatry Relat Sci** 1984; 21(4):217–33

Collaboration between psychiatrists and other professionals in a remand and assessment centre. Wilson JH, et al. **J Adolesc** 1985 Mar;8(1):83–91

Psychoanalysis and psychiatry: models for potential future relations. Sabshin M. **J Am Psychoanal Assoc** 1985; 33(2):473–91

The pharmacotherapy-psychotherapy triangle: psychiatrist, nonmedical psychotherapist, and patient. Beitman BD, et al. **J Clin Psychiatry** 1984 Nov;45(11):458–9

View from the Nation's Courts. Freishtat HW. **J Clin Psychopharmacol** 1982 Apr;2(2):148–9

View from the Nation's Courts. Freishtat HW. **J Clin Psychopharmacol** 1982 Feb;2(1):75–7

View from the Nation's Courts. Freishtat HW. **J Clin Psychopharmacol** 1982 Aug;2(4):290–2

Contrasts in the professional identities of psychiatrists and internists. Hunt DD, et al. **J Med Educ** 1984 Nov;59(11 Pt 1):894–9

Attitudes of medical students toward psychiatric, oncologic, and general medical patients. Wachtel A, et al. **J Med Educ** 1985 Apr;60(4):337–9

Roles and responsibilities: theoretical issues in the definition of consultation liaison psychiatry. Agich GJ. **J Med Philos** 1985 May;10(2):105–26

Black and white psychiatrists: therapy with blacks. Jones BE, et al. **J Natl Med Assoc** 1985 Jan;77(1):19–25

Logical and conceptual problems of existential psychiatry. Hanly C. **J Nerv Ment Dis** 1985 May;173(5):263–81

A survey of psychiatrists in primary care: the silent growth of a new service. Strathdee G, et al. **J R Coll Gen Pract** 1984 Nov;34(268):615–8

Apartheid and psychiatry [editorial] **Lancet** 1984 Dec 1; 2(8414):1252–3

Psychiatry and apartheid [letter] **Lancet** 1985 Feb 2; 1(8423):282–3

Apartheid and psychiatry [letter] Sashidharan SP. **Lancet** 1984 Dec 22;2(8417–18):1475

Role of the psychiatrist in community-based mental health care. Sturt J, et al. **Lancet** 1985 Mar 2;1(8427):507–8

Psychiatry: rhetoric and reality. Szasz T. **Lancet** 1985 Sep 28;2(8457):711–2

Factors that predict psychiatric consultation in the emergency department. Fenichel GS, et al. **Med Care** 1985 Mar;23(3):258–65

Orthomolecular psychiatry/medicine [letter] Hungerford C. **Med J Aust** 1985 Jan 7;142(1):77

Krupinski on epidemiology [letter] Krupinski J. **Med J Aust** 1985 Mar 18;142(6):378

Refusal of treatment: the role of psychiatric consultation. Stam M, et al. **Mt Sinai J Med (NY)** 1985 Apr;52(4):306–9

Psychiatric malpractice [letter] Winig HR. **N Engl J Med** 1985 Apr 4;312(14):927

Abuse for visiting scientists [news] Anderson A. **Nature** 1985 May 30–Jun 5;315(6018):361

Symposium on borderland between neurology and psychiatry. **Neurol Clin** 1984 Feb;2(1):1–175

Differing conceptual models in psychiatry and law. Gutheil TG, et al. **New Dir Ment Health Serv** 1985 Mar;(25):5–11

Psychiatry and the prevention of violence. Craig TJ. **NY State J Med** 1985 Feb;85(2):57–8

The role of the psychiatrist in otolaryngology. Hertz SM, et al. **Otolaryngol Clin North Am** 1984 Nov;17(4):735–43

Life stories as careers--careers as life stories. Roeske NC. **Perspect Biol Med** 1985 Winter;28(2):229–42

The private practice study group as phase-IV research tool. Helmchen H, et al. **Pharmacopsychiatry** 1984 Sep; 17(5):157–61

Psychopharmacologic approach to the medically ill patient. Hershey SC, et al. **Psychiatr Clin North Am** 1984 Dec; 7(4):803–16 (38 ref.)

DSM-III: the view from the Canadian academe. Engles ML, et al. **Psychiatr J Univ Ottawa** 1985 Mar;10(1):37–40

Interdisciplinary collaboration: psychiatric medical backup in the outpatient clinic. Gardner CS, et al. **Psychiatr Q** 1983 Winter;55(4):253–60

Ethics in psychiatry: a view from the clinic. Hassenfeld IN, et al. **Psychiatr Q** 1984 Summer;56(2):157–63

Barriers to working with impaired trainees: a resident's viewpoint. Jensen PS. **Psychiatr Q** 1983 Winter; 55(4):268–71

From conflict to collaboration: psychiatry and the hospital police. Rosenheck R. **Psychiatry** 1985 Aug;48(3):254–63

Countertransference in the movies. Gabbard GO, et al. **Psychoanal Rev** 1985 Spring;72(1):171–84

Contribution to the theoretical problems of classification in the observational sciences. Reuchlin M. **Psychopathology** 1984;17(4):149–57

Clarity of request for consultation: its relationship to psychiatric diagnosis. Golinger R, et al. **Psychosomatics** 1985 Aug;26(8):649–50, 653

Psychiatric consultation to the burn unit: the surgeon's perspective. Meyer AA. **Psychosomatics** 1984 Sep;25(9):688, 693, 697

Basic readings in consultation psychiatry. Mohl PC, et al. **Psychosomatics** 1985 May;26(5):431–3, 436–40

Psychiatric consultation to the burn unit: the psychiatrist's perspective. Ochitill H. **Psychosomatics** 1984 Sep;25(9):689, 697–8, 701

Ten commandments of medical etiquette for psychiatrists. Pasnau RO. **Psychosomatics** 1985 Feb;26(2):128–32

Psychiatry: the primary care mental health profession. Thompson TL 2d. **Psychosomatics** 1985 May;26(5):441–2, 447

Use of projective testing on a consultation–liaison service. Stewart TD, et al. **Psychother Psychosom** 1985;43(3):151–5

The public image of psychiatry. Ingham J. **Soc Psychiatry** 1985;20(3):107–8

Doctors, psychiatrists and disease. Lavin M. **Soc Sci Med** 1985;20(5):535–43

[Modern psychiatry in Yugoslavia] Beran J, et al. **Cesk Psychiatr** 1985 Feb;81(1):60–4 (Cze)

[The therapeutic and management roles of psychiatry] Chromý K. **Cesk Psychiatr** 1985 Jun;81(3):156–61 (Eng. Abstr.) (Cze)

[Research trends in psychiatry] Gebhart JA. **Cesk Psychiatr** 1984 Aug;80(4):285–8 (Eng. Abstr.) (Cze)

[An attempt to integrate and complete information about patients and to simplify work with medical records] Kolomaznik M, et al. **Cesk Psychiatr** 1985 Apr;81(2):79–84 (Eng. Abstr.) (Cze)

[The role of clinical psychology in adult psychiatry] Kubičková N. **Cesk Psychiatr** 1985 Jun;81(3):167–70 (Eng. Abstr.) (Cze)

[Polydiagnostic approach in psychiatric research] Berner P, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):825–31 (Fre)

[The D.S.M. III in French] Bourgeois M. **Ann Med Psychol (Paris)** 1984 Apr;142(4):457–73 (Fre)

[Recording of clinical data: choice of methods of collection and natures of the research project] Chanoit PF, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):795–801 (Fre)

[Computer program for the processing of data collected during therapeutic trials in psychiatry] Dreyfus JF, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):902–7 (Eng. Abstr.) (Fre)

[Relations between general practitioners and public psychiatrists in a rural department] Fellion G, et al. **Ann Med Psychol (Paris)** 1984 Apr;142(4):503–9 (Fre)

[Violence, society and institutions] Ferraz T. **Ann Med Psychol (Paris)** 1984 Apr;142(4):572–81 (Fre)

[What should epistemology contribute to psychiatry in the era of interdisciplinary research ?] Marchais P. **Ann Med Psychol (Paris)** 1984 Dec;142(10):1257–61 (Eng. Abstr.) (Fre)

[Problems presented by the recording of clinical data in psychiatry. Value of tables for recording by levels of mental organization] Marchais P, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):813–25 (Fre)

[The course of suicides and type of care in general hospitals] Corten P. **Arch Belg** 1984;42(9–10):525–38 (Eng. Abstr.) (Fre)

[Remedicalization of psychiatry] Pichot P. **Bull Acad Natl Med (Paris)** 1984 Mar–Apr;168(3–4):462–6 (Eng. Abstr.) (Fre)

[Cultural identification and psychiatry] Raveau F. **Bull Acad Natl Med (Paris)** 1984 Jan–Feb;168(1–2):65–70 (Eng. Abstr.) (Fre)

[Scientific explanation as a language and its application to psychiatry] Hirschberg W. **Fortschr Neurol Psychiatr** 1985 Jun;53(6):191–200 (Eng. Abstr.) (Ger)

[The general practitioner's expectations of psychotherapists and psychiatrists] Burkhardt S. **Psychother Psychosom Med Psychol** 1985 May;35(5):116–9 (Eng. Abstr.) (Ger)

[Bibliography of Manfred Bleuler 1928–1983] **Schweiz Arch Neurol Psychiatr** 1985;136(1):5–15 (Ger)

[Psychiatric aspects of new religious sects] Lavik NJ. **Tidsskr Nor Laegeforen** 1985 Feb 28;105(6):410–2 (Eng. Abstr.) (Nor)

[Psychiatry and mental health care] Vučković S. **Med Pregl** 1984;37(9–10):377–8 (Scr)

[On the 'epidemiology' of the use of the term "borderline states'] Molčan J, et al. **Cas Lek Cesk** 1984 Sep 7;123(36):1122–3 (Eng. Abstr.) (Slo)

[Research program in the field of neurology and psychiatry. Projection for research in the 8th 5-year-plan] Bartko D. **Cesk Neurol Neurochir** 1985 Jan;48(1):7–12 (Slo)

[Interaction of knowledge structures as a noetic problem in psychiatry] Molčan J, et al. **Cesk Psychiatr** 1984 Aug;80(4):233–5 (Eng. Abstr.) (Slo)

[The attitude of Slovak psychiatrists toward psychotherapy. Preliminary report] Molčan J, et al. **Cesk Psychiatr** 1984 Dec;80(6):375–80 (Eng. Abstr.) (Slo)

[Role of the psychiatrist in mass disasters (editorial)] López-Ibor Aliño JJ. **Actas Luso Esp Neurol Psiquiatr** 1984 Sep–Oct;12(5):295–8 (Spa)

ECONOMICS

Earn-as-you-go pressures in academic psychiatry. Guggenheim FG, et al. **Am J Psychiatry** 1984 Dec;141(12):1571–3

Less is more? Today's economics and its challenge to psychiatry. Sharfstein SS, et al. **Am J Psychiatry** 1984 Nov;141(11):1403–8

Costs of practice, barriers to psychiatric service, and research expenditures. Failures of policy. Astrachan BM. **Arch Gen Psychiatry** 1985 Jun;42(6):625–6

The coming of the corporation and the marketing of psychiatry. Gaylin S. **Hosp Community Psychiatry** 1985 Feb;36(2):154–9

Issues in reimbursement for consultation–liaison psychiatry. Hales RE, et al. **Hosp Community Psychiatry** 1984 Dec;35(12):1195–8

Are psychiatric benefits worth the cost? [editorial] Scherl DJ. **JAMA** 1985 Jun 14;253(22):3300–1

EDUCATION

Psychiatric training and therapies in Ayurved. Dube KC, et al. **Am J Chin Med** 1985;13(1–4):13–22

Abuses of the borderline diagnosis: a clinical problem with teaching opportunities. Reiser DE, et al. **Am J Psychiatry** 1984 Dec;141(12):1528–32

A confirmation of NIMH training objectives for consultation–liaison residents. Saravay SM, et al. **Am J Psychiatry** 1984 Nov;141(11):1437–40

Teaching psychiatry in the health maintenance organization. Van Buskirk D, et al. **Am J Psychiatry** 1985 Oct;142(10):1181–3

The 1982 first-year resident in psychiatry. Weissman SH, et al. **Am J Psychiatry** 1984 Oct;141(10):1240–3

DSM-III in residency training: results of a national survey. Williams JB, et al. **Am J Psychiatry** 1985 Jun;142(6):755–8

The life-story method in psychotherapy and psychiatric education: the development of confidence. Slavney PR, et al. **Am J Psychother** 1985 Jan;39(1):57–67

Residents training in the mental status examination [letter] Black FW, et al. **Can J Psychiatry** 1984 Nov;29(7):633–4

Opinions on the role of the internship in psychiatric postgraduate education. Bolton D, et al. **Can J Psychiatry** 1984 Dec;29(8):700–3

Dear Brutus: dealing with unresponsiveness through supervision. Greben SE. **Can J Psychiatry** 1985 Feb;30(1):48–53

Psychiatric interviewing and clinical skills. Pollock DC, et al. **Can J Psychiatry** 1985 Feb;30(1):64–8

The behavioural sciences and undergraduate education in psychiatry. Rakoff V. **Can J Psychiatry** 1984 Dec;29(8):642–7

Criteria for selecting residents: a reassessment. Ross CA, et al. **Can J Psychiatry** 1984 Dec;29(8):681–6

Combining motherhood with psychiatric training and practice. Stewart DE, et al. **Can J Psychiatry** 1985 Feb;30(1):28–34

Pedagogic applications of a computerized data base. Mackenzie TB, et al. **Gen Hosp Psychiatry** 1985 Apr;7(2):125–7

Teaching psychiatry to primary care internists. Thompson TL 2d, et al. **Gen Hosp Psychiatry** 1985 Jul;7(3):210–3

Reintroducing the internship: reactions of three departments of psychiatry. Thompson TL 2d, et al. **Gen Hosp Psychiatry** 1985 Jul;7(3):224–7

Using stimulus videotapes in psychiatric education. Alger I, et al. **Hosp Community Psychiatry** 1984 Aug;35(8):767–8

Paradoxes faced by residents being trained in the psychosocial treatment of people with chronic schizophrenia. Minkoff K, et al. **Hosp Community Psychiatry** 1985 Aug;36(8):859–64

Psychiatrist's assistants [letter] O'Leary P. **Hosp Community Psychiatry** 1984 Oct;35(10):1042

Changing medical students' attitudes and professional behavior toward mental patients as a function of psychiatric clerkship. Neumann M, et al. **Isr J Psychiatry Relat Sci** 1984;21(4):235–46

Psychometric prediction of psychiatric learning. Schorer CE. **J Pers Assess** 1984 Aug;48(4):388–9

Barriers to working with impaired trainees: a resident's viewpoint. Jensen PS. **Psychiatr Q** 1983 Winter;55(4):268–71

Transition from residency training to academia. Misiaszek J, et al. **Psychiatr Q** 1984 Fall;56(3):209–14

Central Institute of Mental Health, Mannheim, West Germany. Häfner H, et al. **Psychol Med** 1985 May;15(2):417–31

Consultation–liaison fellowships: effect on internists' attitudes toward psychiatric consultation. Brantley JT Jr, et al. **Psychosomatics** 1985 Jan;26(1):18–20, 25–7

The medical–psychiatric unit and psychosocial education of internists. Brown JT, et al. **Psychosomatics** 1985 Mar;26(3):231–3, 237–8

Teaching the biopsychosocial model to medical residents in an outpatient clinic. Rosenblum S, et al. **Psychosomatics** 1984 Oct;25(10):751–3, 757–9

A methodology for studying similarities and differences in educational priorities across national lines. Hausman W. **Seishin Shinkeigaku Zasshi** 1985;87(3):149–54

Enhancing supervision of psychotherapy. Morgan DW, et al. **South Med J** 1984 Nov;77(11):1406–9

[Postgraduate preparation of psychiatrists for work in ambulatory care] Baštecký J, et al. **Cesk Psychiatr** 1985 Jun;81(3):162–6 (Eng. Abstr.) (Cze)

[Idealogic basis of postgraduate work in Czechoslovak psychiatry] Janík A. **Cesk Psychiatr** 1985 Jun;81(3):145–50 (Eng. Abstr.) (Cze)

[From therapy to teaching and from research to therapy] Breulet M. **Acta Psychiatr Belg** 1984 Sep–Oct;84(5):425–38 (Eng. Abstr.) (Fre)

[Attitudes and beliefs of medical and psychology students with regard to treatment with psycholtropic drugs] Linden M, et al. **Fortschr Neurol Psychiatr** 1984 Oct;52(10):362–9 (Eng. Abstr.) (Ger)

[Symposium: psychiatric education] **Seishin Shinkeigaku Zasshi** 1985;87(3):130–48 (Jpn)

[WPA Kyoto symposium (4). Psychiatric education in various countries] **Seishin Shinkeigaku Zasshi** 1984;86(5):361–96 (Jpn)

HISTORY

Brief history of Italian psychiatric legislation from 1904 to the 1978 Reform Act. Maj M. **Acta Psychiatr Scand [Suppl]** 1985;316:15–25

The origins of American psychiatric epidemiology. Grob GN. **Am J Public Health** 1985 Mar;75(3):229–36

History of the Boston Society of Psychiatry and Neurology. Epstein SH. **Arch Neurol** 1985 Apr;42(4):391–2

The evolution of the APA [editorial] Wortis J. **Biol Psychiatry** 1984 Nov;19(11):1505–6

The denial of the institution. A critical review of Franco Basaglia's writings. Papeschi R. **Br J Psychiatry** 1985 Mar;146:247–54

Historical note: Jules Séglas on language in dementia. Obler LK, et al. **Brain Lang** 1985 Mar;24(2):314–25

The development of psychiatric research in Canada up to 1964. Cleghorn RA. **Can J Psychiatry** 1984 Apr;29(3):189–97

The emergence of psychiatry at McGill. Cleghorn RA. **Can J Psychiatry** 1984 Nov;29(7):551–6

Historical perspectives on diagnosis in psychiatry. Havens L. **Compr Psychiatry** 1985 Jul–Aug;26(4):326–36

'Depressive pseudodementia' or 'Melancholic dementia': a 19th century view. Berrios GE. **J Neurol Neurosurg Psychiatry** 1985 May;48(5):393–400

Perspectives on 25 years of Canadian psychiatric research. Roberts CA. **Psychiatr J Univ Ottawa** 1984 Sep;9(3):95–101

The Romanticists and their contribution to psychiatry. D'Alessandro AJ. **Psychiatr Q** 1984 Spring;56(1):70–4

The theory and practice of psychiatry in the Soviet Union. Miller MA. **Psychiatry** 1985 Feb;48(1):13–24

Psychiatry, psychoanalysis, and women in America: an historical note. McGovern CM. **Psychoanal Rev** 1984 Dec;71(4):541–52

Psychiatry in the 1880s. Savage GH. **Psychol Med** 1984 Aug;14(3):723–4

[Masturbation and the history of psychiatry] Chromý K. **Cesk Psychiatr** 1984 Jun;80(3):180–3 (Eng. Abstr.) (Cze)

[The teaching activity of the Psychiatry Department of the Institute for Postgraduate Medical Education] Dušek K. **Cesk Psychiatr** 1985 Jun;81(3):151–5 (Eng. Abstr.) (Cze)

[Reminder of the 65th anniversary of the founding of the Purkinje Society for the Study of the Psyche and Nervous System, 80 years of the existence of the 1st Czech psychiatric journal] Mečíř J. **Cesk Psychiatr** 1984 Dec;80(6):353–8 (Cze)

[Relations between French psychiatry and Brazil] Knobel P. **Ann Med Psychol (Paris)** 1984 Apr;142(4):499–503 (Fre)

[Apropos of a village of the deranged. Debate on Gheel in the Medico-Psychological Society around 1860] Rostain B, et al. **Ann Med Psychol (Paris)** 1985 Feb;143(2):196–204 (Fre)

[Publicity and purism in the history of psychiatry] Heinrich K. **Fortschr Neurol Psychiatr** 1985 May;53(5):177–84 (Eng. Abstr.) (Ger)

[Historical vignette. August Forel and national socialism] Müller C. **Nervenarzt** 1984 Sep;55(9):504–5 (Ger)

[Change in the concept of psychopathic disorders at the inception of scientific psychiatry in Germany] Schmiedebach HP. **Nervenarzt** 1985 Mar;56(3):140–5 (Ger)

[The fate of psychiatry at the time of the fascist dictatorship. On the 40th anniversary of liberation and in memory of the victims of a science that became destructive] Thom A. **Psychiatr Neurol Med Psychol (Leipz)** 1985 May;37(5):245–54 (Eng. Abstr.) (Ger)

[Basic tenets in Karl Jaspers' psychiatric practice] Schmitt W. **Sudhoffs Arch Beih** 1984;(24):99–104 (Ger)

[Historical development of the concept of insanity] Spinetti G, et al. **Minerva Psichiatr** 1985 Jan–Mar;26(1):75–7 (Eng. Abstr.) (Ita)

[A study of Goyodomecho (an official record) of Mutsu-Moriyama-domain (Japan, the Edo period) from a psychiatric viewpoint; with special regard to folk concepts of mental illness] Hiruta G. **Seishin Shinkeigaku Zasshi** 1984;86(9):699–735 (Eng. Abstr.) (Jpn)

[My personal recollection on Japanese psychiatry] Kora T. **Seishin Shinkeigaku Zasshi** 1984;86(12):951-5 (Jpn)

[Anniversary dates in Polish medicine 1985] Dzierżanowski ZR. **Arch Hist Med (Warsz)** 1985;48(2):201-9 (Pol)

[The concept of the human being and the ethos of the psychiatrist in the works of Antoni Kepiński] Stelmaszczyk T. **Psychiatr Pol** 1984 Sep-Oct;18(5):487-95 (Pol)

[O. P. Bogoroditskiĭ, one of the first Russian psychiatrists] Kantsel'bogen AG. **Sov Zdravookhr** 1984;(10):71-5 (Rus)

[Current problems in borderline psychiatry at the end of the 19th century (according to materials from the 1st Russian psychiatry journals)] Gurevich SA. **Zh Nevropatol Psikhiatr** 1984;84(11):1715-7 (Rus)

[Memorable and jubilee dates of neuropathology and psychiatry in 1985] Rokhlin LL, et al. **Zh Nevropatol Psikhiatr** 1985;85(1):122-33 (Rus)

[Soviet psychiatry during World War II] Zharikov NM. **Zh Nevropatol Psikhiatr** 1985;85(5):645-50 (Rus)

INSTRUMENTATION

[The computer and psychiatry. Current possibilities for its use in documentation, diagnosis, therapy and continuing education] Kalb R. **Fortschr Med** 1984 Aug 30; 102(31-32):82-3 (Ger)

MANPOWER

Psychiatric manpower in British Columbia. Smith D. **Can Med Assoc J** 1984 Nov 1;131(9):1120, 1122-3

Factors affecting the selection of psychiatry and the distribution of psychiatrists. Loschen EL, et al. **J Med Educ** 1985 Apr;60(4):332-4

METHODS

Neurological dimensions of psychiatry. Woods BT, et al. **Biol Psychiatry** 1985 Feb;20(2):192-8

Psychiatry for all. Bridges PK. **J R Soc Med** 1984 Nov; 77(11):911-4

STANDARDS

Patients' rights: a cultural challenge to Western psychiatry. Brody EB. **Am J Psychiatry** 1985 Jan;142(1):58-62

Fraud and abuse of government medical benefit programs by psychiatrists. Geis G, et al. **Am J Psychiatry** 1985 Feb; 142(2):231-4

Malpractice data seem inconsistent [letter] Lewin-Fetter V. **Am J Psychiatry** 1985 Apr;142(4):514

Ethics in the practice of psychiatry: update on the results of enforcement of the code. Moore RA. **Am J Psychiatry** 1985 Sep;142(9):1043-6

On fraud among psychiatrists [letter] Pearlman T. **Am J Psychiatry** 1985 Aug;142(8):993-4

Fraud committed by psychiatrists [editorial] Sharfstein SS. **Am J Psychiatry** 1985 Feb;142(2):219

Expectancy bias in behavioral observations of therapeutic outcome: an experimental analysis of treatment and halo effects. Michelson L, et al. **Behav Res Ther** 1985; 23(4):407-14

Presidential address. Evaluation of our patients; our pupils; and ourselves. Dewhurst WG. **Can J Psychiatry** 1984 Dec; 29(8):635-41

A study of the reliability of the clinical oral examination in psychiatry. Leichner P, et al. **Can J Psychiatry** 1984 Aug;29(5):394-7

Reasons for involuntary commitment in Manitoba and Ontario [letter] McCready J, et al. **Can J Psychiatry** 1984 Aug;29(5):448

The new paradox of psychiatric malpractice. Stone AA. **N Engl J Med** 1984 Nov 22;311(21):1384-7

The erosion of psychiatric confidentiality. Bursten B. **New Dir Ment Health Serv** 1985 Mar;(25):69-78

Psychiatric malpractice issues. Perr IN. **New Dir Ment Health Serv** 1985 Mar;(25):47-59

Drug safety in psychiatry--an objective for drug monitoring in phase IV. Schmidt LG, et al. **Pharmacopsychiatry** 1984 Sep;17(5):152-6

Legal aspects of psychopharmacology. Howe EG. **Psychiatr Clin North Am** 1984 Dec;7(4):887-900 (59 ref.)

[Computerized observation in psychiatry: reflections arising from a study in progress for 5 years] Barrois C, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):786-90 (Fre)

[Ethical and legal problems posed by the computerized recording of psychiatric clinical information in France] Pascalis G, et al. **Ann Med Psychol (Paris)** 1984 Jun; 142(6):907-13 (Fre)

[Application of new diagnostic standards: ICD-9 and DSM-III] **Seishin Shinkeigaku Zasshi** 1984;86(6):448-79 (Jpn)

TRENDS

Focus on the Italian psychiatric reform: an introduction. Perris C, et al. **Acta Psychiatr Scand [Suppl]** 1985;316:9-14

The industrialization of American psychiatry. Bittker TE. **Am J Psychiatry** 1985 Feb;142(2):149-54

Topics in Soviet psychiatry [letter] Ponomareff GL. **Am J Psychiatry** 1985 Feb;142(2):267

Patients of psychiatrists and psychologists in office-based practice: 1980. Taube CA, et al. **Am Psychol** 1984 Dec; 39(12):1435-47

Obstacles to the treatment of psychiatric patients [editorial] McConville B. **Can J Psychiatry** 1984 Oct;29(6):449-51

Sharing the burden of involuntary compulsion [editorial] Munro A. **Can J Psychiatry** 1984 Aug;29(5):371-2

An evolutionary perspective on psychiatry. Nesse RM. **Compr Psychiatry** 1984 Nov-Dec;25(6):575-80

General hospital psychiatry and deinstitutionalization: a systems view. Bachrach LL. **Gen Hosp Psychiatry** 1985 Jul;7(3):239-48

Psychiatric consultations in a Dutch university hospital: a report on 1814 referrals, compared with a literature review. Hengeveld MW, et al. **Gen Hosp Psychiatry** 1984 Oct; 6(4):271-9

Liaison psychiatry in an Indian general hospital. Malhotra S, et al. **Gen Hosp Psychiatry** 1984 Oct;6(4):266-70

The fate of the public psychiatric system. Talbott JA. **Hosp Community Psychiatry** 1985 Jan;36(1):46-50

Cross-cultural psychiatry in Micronesia: the consultant's view. Allan AT, et al. **Int J Soc Psychiatry** 1985 Spring; 31(1):59-66

1984, utopias, dystopias and psychiatry. Chodoff P. **J Am Acad Psychoanal** 1984 Oct;12(4):459-70

Psychiatry's 'crisis'. Pies R. **J Chronic Dis** 1985;38(6):525-6

An R.L.D.D. in search of R.L.P.P.s. Bluestone N. **Pa Med** 1985 Mar;88(3):51-6

Challenges facing psychiatry in the eighties. Pardes H. **Psychiatr J Univ Ottawa** 1984 Dec;9(4):155-9

Evolutionary psychiatry and the triune brain. MacLean PD. **Psychol Med** 1985 May;15(2):219-21

The psychiatrist as physician. Campbell RJ. **Psychosomatics** 1985 Jan;26(1):48, 54

The psychiatrist in the 1980s. Societal pressures and coping strategies. Edelman SE. **Soc Psychiatry** 1985;20(1):17-21

Prevention of admission and continuity of care. Vanistendael C. **Theor Med** 1985 Feb;6(1):93-113

[An account of Danish psychiatry to the year 2000] **Ugeskr Laeger** 1985 Mar 4;147(10):904-11 (Dan)

[The Public Mental Health New Note] Giel R. **Ned Tijdschr Geneeskd** 1985 Jan 5;129(1):5-7 (Dut)

[Epidemiology and space of the therapeutic project] Chanoit PF. **Ann Med Psychol (Paris)** 1984 Nov;142(9):1145-59 (Eng. Abstr.) (Fre)

[Prolegomena to a new stage in psychiatry] Fursay-Fusswerk J. **Ann Med Psychol (Paris)** 1985 Feb;143(2):139-52 (Fre)

[Full-time hospitalization in adult psychiatry: indications and contraindications] Havet JM. **Ann Med Psychol (Paris)** 1985 Jan;143(1):97-103 (Fre)

[Psychiatry and medicine today] Bloch C. **Rev Med Brux** 1984 Nov;5(9):609-11 (Eng. Abstr.) (Fre)

[Is there still a soul? Thomas Aquinas and modern psychiatry] Koehler K. **Fortschr Neurol Psychiatr** 1984 Oct; 52(10):329-37 (Eng. Abstr.) (Ger)

[Significance of the medical anthropology work of Dieter Wyss for modern psychiatry and psychotherapy] Zacher A, et al. **Fortschr Neurol Psychiatr** 1984 Nov;52(11):414-8 (Eng. Abstr.) (Ger)

[A decade of diagnostic and biologic research in French psychiatry] Boyer P. **Nervenarzt** 1985 Jul;56(7):379-82 (Ger)

[Psychiatry in Africa between tradition and modern methods] Moersch E. **Psyche (Stuttg)** 1984 Aug;38(8):673-95 (Eng. Abstr.) (Ger)

[Psychiatry in Japan--a synoptic presentation] Omata W. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Aug; 36(8):449-57 (Eng. Abstr.) (Ger)

[Ethical principles and moral norms of psychiatric care in a socialistic society] Späte HF, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Jul;36(7):385-94 (Eng. Abstr.) (Ger)

[Crises in medical economics and psychiatric care] Gyoten Y. **Seishin Shinkeigaku Zasshi** 1985;87(1):20-3 (Jpn)

[Psychiatry at a crossroad: a direction for improvement. A practitioner's view] Mizuno S. **Seishin Shinkeigaku Zasshi** 1985;87(1):3-8 (Jpn)

[Psychiatric medicine in crisis: legal and ethical views] Terashima S. **Seishin Shinkeigaku Zasshi** 1985;87(1):13-9 (Jpn)

[Clinical psychology and psychiatry] Gerstmann P. **Psychiatr Pol** 1984 Mar-Apr;18(2):153-8 (Pol)

UTILIZATION

The remedicalization of community mental health. Beigel A. **Hosp Community Psychiatry** 1984 Nov;35(11):1114-7

Division psychiatrists in peacetime. Deeken MG, et al. **Milit Med** 1985 Aug;150(8):455-7

PSYCHIATRY, BIOLOGICAL see **BIOLOGICAL PSYCHIATRY**

PSYCHIATRY, COMMUNITY see **COMMUNITY PSYCHIATRY**

PSYCHIATRY, GERIATRIC see **GERIATRIC PSYCHIATRY**

PSYCHIATRY, MILITARY see **MILITARY PSYCHIATRY**

PSYCHIC ENERGIZERS see **ANTIDEPRESSIVE AGENTS**

PSYCHICAL RESEARCH see **PARAPSYCHOLOGY**

PSYCHOACOUSTICS

Psychophysics of 12 channels implant. Chouard CH, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;411:105-10

The nucleus multi-channel implantable hearing prosthesis. Crosby PA, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984; 411:111-4

Psychoacoustic and electrophysiologic effects of partial eighth nerve damage. Cacace AT, et al. **Am J Otolaryngol** 1984 Jan-Feb;5(1):43-8

Measuring the contribution of printed context information to acoustical word recognition by normal subjects. Theodoridis GC, et al. **Audiology** 1985;24(2):104-16

Neural lateralization of vocalizations by Japanese macaques: communicative significance is more important than acoustic structure. Petersen MR, et al. **Behav Neurosci** 1984 Oct; 98(5):779-90

Conducting nonadaptive psychoacoustic or biomedical tests by means of an interactive program. Martens JP. **Comput Programs Biomed** 1984;19(1):37-45

Auditory input to a vocal nucleus in the frog Rana pipiens: hormonal and seasonal effects. Aitken PG, et al. **Exp Brain Res** 1984;57(1):33-9

Comparison of the sensitivity of two psychological scaling methods employed in the rating of rate and duration characteristics of esophageal speakers. Hein SL, et al. **Folia Phoniatr (Basel)** 1984;36(4):199-205

A comparison of psychophysical tuning curves obtained using bandpass and modulated noise. Lutfi RA, et al. **Hear Res** 1985 Mar;17(3):289-91

A monaural space map in the guinea-pig superior colliculus. Palmer AR, et al. **Hear Res** 1985 Mar;17(3):267-80

Effects of background noise level on detection of tone glides. Collins MJ, et al. **J Acoust Soc Am** 1984 Dec;76(6):1696-8

Acoustical aspects of contrastive stress in question-answer contexts. Cooper WE, et al. **J Acoust Soc Am** 1985 Jun; 77(6):2142-56

Phonetic identification by elderly normal and hearing-impaired listeners. Dorman MF, et al. **J Acoust Soc Am** 1985 Feb;77(2):664-70

Community response to noise: is all noise the same? Hall FL. **J Acoust Soc Am** 1984 Oct;76(4):1161-8

Learning to detect auditory pattern components. Leek MR, et al. **J Acoust Soc Am** 1984 Oct;76(4):1037-44

A power-law transformation predicting masking by sounds with complex spectra. Lutfi RA. **J Acoust Soc Am** 1985 Jun;77(6):2128-36

The danger of using narrow-band noise maskers to measure 'suppression'. Moore BC, et al. **J Acoust Soc Am** 1985 Jun; 77(6):2137-41

Influence of monaural spectral cues on binaural localization. Musicant AD, et al. **J Acoust Soc Am** 1985 Jan;77(1):202-8

Discrimination of the spatial distribution of concurrently active sound sources: some experiments with stereophonic arrays. Perrott DR. **J Acoust Soc Am** 1984 Dec; 76(6):1704-12

Assessment of community response to impulsive noise. Schomer PD. **J Acoust Soc Am** 1985 Feb;77(2):520-35

Detection of temporal gaps in bandlimited noise: effects of variations in bandwidth and signal-to-masker ratio. Shailer MJ, et al. **J Acoust Soc Am** 1985 Feb;77(2):635-9

Speech perception ability and psychophysical tuning curves in hearing-impaired listeners. Stelmachowicz PG, et al. **J Acoust Soc Am** 1985 Feb;77(2):620-7

Pitch shift of pure and complex tones induced by masking noise. Stoll G. **J Acoust Soc Am** 1985 Jan;77(1):188-92

Spectral sharpness and vowel dissimilarity. van Veen TM, et al. **J Acoust Soc Am** 1985 Feb;77(2):628-34

Thresholds for discrimination between pure and tempered intervals: the relevance of nearly coinciding harmonics. Vos J, et al. **J Acoust Soc Am** 1985 Jan;77(1):176-87

Penalty for impulse noise, derived from annoyance ratings for impulse and road-traffic sounds. Vos J, et al. **J Acoust Soc Am** 1985 Jan;77(1):193-201

Extension of a temporal model of frequency discrimination: intensity effects in normal and hearing-impaired listeners. Wakefield GH, et al. **J Acoust Soc Am** 1985 Feb;77(2):613-9

Interference between phonemes during phoneme monitoring: evidence for an interactive activation model of speech perception. Stemberger JP, et al. **J Exp Psychol [Hum Percept]** 1985 Aug;11(4):475-89

Application of theory of signal detection to dichotic listening. Katsuki J, et al. **J Speech Hear Res** 1984 Sep;27(3):444-8

Relationship between stimulus intensity and the P300. Papanicolaou AC, et al. **Psychophysiology** 1985 May; 22(3):326-9

[The audioanalysator. A bridge between audiometry and psychoacoustics] Schlitt H, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 May;64(5):249-51 (Eng. Abstr.) (Ger)

[Responses of auditory neurons of the medulla oblongata of the frog to presentation of tones with sinusoidal amplitude modulation] Gorodetskaia ON, et al. **Neirofiziologiia** 1985; 17(3):390-6 (Eng. Abstr.) (Rus)

PSYCHOACTIVE AGENTS see **PSYCHOTROPIC DRUGS**

PSYCHOANALYSIS

A psychoanalytic view of the relationship between delusional depression and bipolar disorder [letter] Rockland LH. **Am J Psychiatry** 1985 Mar;142(3):396

Is there life after tenure? Ludwig AM. **Am J Psychother** 1985 Jan;39(1):48-56

The illusion of no future: psychoanalysis and religion. Robinson LH. **J Am Acad Psychoanal** 1985 Apr;13(2):211-28

Psychoanalysis as science: the inductivist's resistance revisited. Laor N. **J Am Psychoanal Assoc** 1985;33(1):149-66

Converging sectors of psychoanalysis and neurobiology: mutual challenge and opportunity. Reiser MF. **J Am Psychoanal Assoc** 1985;33(1):11-34

Psychoanalysis and psychiatry: models for potential future relations. Sabshin M. **J Am Psychoanal Assoc** 1985;33(2):473-91

Psychoanalysis, philosophy, and the public. Shapiro T. **J Am Psychoanal Assoc** 1985;33(1):5-9

Psychoanalysis in civilizational perspective: the self in India, Japan, and America. Roland A. **Psychoanal Rev** 1984 Dec;71(4):569-90

['Unto the 3d and 4th generation'. The persecution trauma of the generation of grandchildren] Ahlheim R. **Psyche (Stuttg)** 1985 Apr;39(4):330-54 (Eng. Abstr.) **(Ger)**

[As a psychoanalyst in the peace movement] Richter HE. **Psyche (Stuttg)** 1985 Apr;39(4):289-300 (Eng. Abstr.) **(Ger)**

[Psychoanalysis as science] Tress W. **Psyche (Stuttg)** 1985 May;39(5):385-412 (Eng. Abstr.) **(Ger)**

[Clinical conference at the Brazilian Institute for Study and Research in Gastroenterology] **Arq Gastroenterol** 1984 Oct-Dec;21(4):201-8 **(Por)**

EDUCATION

Beyond lay analysis: pathways to a psychoanalytic career. Panel report. **J Am Psychoanal Assoc** 1982;30(3):701-15

[Psychoanalysis in homosexuality] **Psyche (Stuttg)** 1985 Jun;39(6):553-64 **(Ger)**

[Psychoanalytic socialization--a road to autonomy?] Petri H. **Psyche (Stuttg)** 1985 Jun;39(6):481-500 (Eng. Abstr.) **(Ger)**

[Value concepts of psychotherapists, candidates and students] Ermann M, et al. **Psychother Psychosom Med Psychol** 1985 Jul;35(7):189-92 (Eng. Abstr.) **(Ger)**

HISTORY

Edith Jacobson's major contributions to psychoanalytic theory of development. Tuttman S. **Am J Psychoanal** 1985 Summer;45(2):135-51

Psychoanalysis arrives in America. The 1909 psychology conference at Clark University. Evans RB, et al. **Am Psychol** 1985 Aug;40(8):942-8

The encounter of Christian theology with deterministic psychology and psychoanalysis. Burnham JC. **Bull Menninger Clin** 1985 Jul;49(4):321-52

Anna Freud's contribution to the work of the International Psychoanalytical Association. Limentani A. **Int J Psychoanal** 1983;64 (Pt 4):375-7

Anna Freud's contributions to child and applied analysis. Solnit AJ. **Int J Psychoanal** 1983;64 (Pt 4):379-90

Anna Freud and the psychoanalytic study and treatment of adults. Yorke C. **Int J Psychoanal** 1983;64 (Pt 4):391-400

Technical implications of the post-metapsychological era: toward a developmental psychoanalysis. Whitehead CC. **Int J Psychoanal Psychother** 1984-85;10:437-56

A psychohistorical source of psychoanalysis--malformed Jewish psyches in an immolating setting. Rosenman S. **Isr J Psychiatry Relat Sci** 1984;21(2):103-16

The Wolf Man's last years. Gardiner MM. **J Am Psychoanal Assoc** 1983;31(4):867-97

A reappraisal of the Emma episode and the specimen dream. Hartman FR. **J Am Psychoanal Assoc** 1983;31(3):555-85

Further reflections on Freud and his writing. Mahony PJ. **J Am Psychoanal Assoc** 1984;32(4):847-64

Otto Rank: beginnings, endings, and current experience. Novey R. **J Am Psychoanal Assoc** 1983;31(4):985-1002

Freud's 'Project': a theory for Studies on Hysteria. Knight IF. **J Hist Behav Sci** 1984 Oct;20(4):340-58

A note on the Vienna Psychoanalytic Society: Felix Deutsch's letters, 1923 and 1935. Roazen P. **J Hist Behav Sci** 1984 Oct;20(4):359-62

Classics revisited. The psychoanalysis of pharmacothymia (drug addiction) by Sandor Radó. The Psychoanalytic Quarterly 1933. **J Subst Abuse Treat** 1984;1(1):59-68

The furor in the Freud Archives. Wilson JS. **Perspect Psychiatr Care** 1984 Jul-Sep;22(3):115-7

Recollections of Harry Stack Sullivan and of the development of his interpersonal psychiatry. Rioch DM. **Psychiatry** 1985 May;48(2):141-58

Freud's Irma dream and the origins of psychoanalysis. Langs R. **Psychoanal Rev** 1984 Dec;71(4):591-617

Psychiatry, psychoanalysis, and women in America: an historical note. McGovern CM. **Psychoanal Rev** 1984 Dec;71(4):541-52

The Anna Freud experience. Rangell L. **Psychoanal Study Child** 1984;39:29-43

Anna Freud: the child expert. Solnit AJ, et al. **Psychoanal Study Child** 1984;39:45-63

The Balint movement in South Africa. An overview after 10 years. Levenstein S. **S Afr Med J** 1985 May 17;67(20):820-2

[The work of Anna Freud (1895-1982)] Lebovici S. **Psychiatr Enfant** 1984;27(1):5-34 **(Fre)**

[10 unpublished letters of Sigmund Freud to Wilhelm Fliess] **Psyche (Stuttg)** 1985 Jan;39(1):44-61 **(Ger)**

[Dr. Arthur Muthmann. A contribution to the early history of psychoanalysis] Amitai M, et al. **Psyche (Stuttg)** 1984 Aug;38(8):738-53 **(Ger)**

[Reminiscences of 1942. Reflections of a psychoanalytic trainee of the Berlin Institute during the war years] Bräutigam W. **Psyche (Stuttg)** 1984 Oct;38(10):905-14 (Eng. Abstr.) **(Ger)**

[Psychosomatics, psychoanalysis, critique of civilization. Alexander Mitscherlich's Collected Writings] Brede K, et al. **Psyche (Stuttg)** 1984 Nov;38(11):1023-52 **(Ger)**

['Psychoanalysis under Hitler'--reflections on a controversy] Dahmer H. **Psyche (Stuttg)** 1984 Oct;38(10):927-42 **(Ger)**

[Further remarks on the problem of psychoanalysis and politics] Federn E. **Psyche (Stuttg)** 1985 Apr;39(4):367-74 (Eng. Abstr.) **(Ger)**

[The history of psychoanalysis in Munich] Grunert J. **Psyche (Stuttg)** 1984 Oct;38(10):865-904 (Eng. Abstr.) **(Ger)**

[Parting is painful] Lohmann HM. **Psyche (Stuttg)** 1984 Oct;38(10):943-8 **(Ger)**

[Freud, Groddeck and the history of the id] Will H. **Psyche (Stuttg)** 1985 Feb;39(2):150-69 **(Ger)**

TRENDS

More on psychotherapy [editorial] Wortis J. **Biol Psychiatry** 1984 Jul;19(7):933-4

Where is psychoanalysis going? [editorial] Rycroft C. **J R Soc Med** 1985 Jul;78(7):524-5

[Sad psychotropes?] Füchtner H. **Psyche (Stuttg)** 1984 Jul;38(7):605-26 (Eng. Abstr.) **(Ger)**

[A quiet protest from the province of psychoanalysis] Kienreich W. **Psyche (Stuttg)** 1984 Dec;38(12):1149-51 **(Ger)**

[Psychoanalysis in France, Germany and USA] Kurzweil E. **Psyche (Stuttg)** 1985 May;39(5):413-28 (Eng. Abstr.) **(Ger)**

[Discontent in psychoanalysis and discontent with its criticism] Lüders W. **Psyche (Stuttg)** 1984 Jul;38(7):585-604 **(Ger)**

[Psychoanalysis in West Germany] Mitscherlich-Nielsen M, et al. **Psyche (Stuttg)** 1984 Jul;38(7):577-84 (Eng. Abstr.) **(Ger)**

PSYCHOANALYTIC INTERPRETATION

Shylock in 'The Merchant of Venice'. Greenberg SI. **Am J Psychoanal** 1985 Summer;45(2):160-5

A psychological commentary on John Gardner's Grendel. Lewis CN. **Am J Psychoanal** 1984 Winter;44(4):431-6

'His scorn I approve': the self-effacing Desdemona. Paris BJ. **Am J Psychoanal** 1984 Winter;44(4):413-24

'Red rover': an expression of the psychic struggle toward separation-individuation. Rabinowitz J. **Am J Psychoanal** 1984 Winter;44(4):425-30

Interpretive psychotherapy with chronic pain patients [letter] Paris J. **Can J Psychiatry** 1984 Apr;29(3):285

Fifty years after the mutative interpretation. Etchegoyen RH. **Int J Psychoanal** 1983;64 (Pt 4):445-59

Notes on the causes and effects of therapy by parents. Glenn J. **Int J Psychoanal Psychother** 1984-85;10:525-31

Making interpretations and securing the frame: sources of danger for psychotherapists. Langs R. **Int J Psychoanal Psychother** 1984-85;10:3-23

A psychoanalytic study of the appreciation of art. Rotenberg CT. **J Am Acad Psychoanal** 1985 Jan;13(1):113-27

Chaos and control in the creative process. Safán-Gerard D. **J Am Acad Psychoanal** 1985 Jan;13(1):129-38

Interpretation: toward a contemporary understanding of the term. Panel report. **J Am Psychoanal Assoc** 1983;31(1):237-45

The kidnapping of W. S. Gilbert. Berman LE. **J Am Psychoanal Assoc** 1985;33(1):133-48

The position and value of extratransference interpretation. Blum HP. **J Am Psychoanal Assoc** 1983;31(3):587-617

A reappraisal of the Emma episode and the specimen dream. Hartman FR. **J Am Psychoanal Assoc** 1983;31(3):555-85

The patient's own pillow on the couch. Myers WA. **J Am Psychoanal Assoc** 1982;30(2):471-85

Archaic introjects and the cosmology of H.G. Wells. Parkin A. **J Am Psychoanal Assoc** 1982;30(2):487-508

The symbol of telephoning. Shengold L. **J Am Psychoanal Assoc** 1982;30(2):461-70

A significant 'dream within a dream'. Silber A. **J Am Psychoanal Assoc** 1983;31(4):899-915

Rational versus anagogic interpretation: xenophon's dream and others. Stein MH. **J Am Psychoanal Assoc** 1984;32(3):529-56

On therapeutic wisdom: graduation address, Washington School of Psychiatry. Kerrigan W. **Psychiatry** 1985 Feb;48(1):93-100

Ritual man: on the outside of Herbert's poetry. Kerrigan W. **Psychiatry** 1985 Feb;48(1):68-82

Interpretive psychotherapy in the inpatient community meeting. Winer JA, et al. **Psychiatry** 1984 Nov;47(4):333-41

An essay on method in applied psychoanalysis. Baudry F. **Psychoanal Q** 1984 Oct;53(4):551-81

Poor Rumpelstiltskin. Miller M. **Psychoanal Q** 1985 Jan;54(1):73-6

The effects of child abuse as seen in adults: George Orwell. Shengold L. **Psychoanal Q** 1985 Jan;54(1):20-45

A patient who had trouble with geography. Shengold L. **Psychoanal Q** 1984 Oct;53(4):507-22

Compulsive shopping as a derivative of a childhood seduction. Winestine MC. **Psychoanal Q** 1985 Jan;54(1):70-2

Of milk and bones: the correlation of developmental experience and aesthetic structure in Margaret Atwood's Life Before Man and Toni Morrison's Song of Solomon. Althofer B. **Psychoanal Rev** 1984 Nov;71(3):461-82

Film as dream: Alfred Hitchcock's Rear Window. Benton RJ. **Psychoanal Rev** 1984 Nov;71(3):483-500

Beethoven: modern analytic views of the man and his music. Ciardiello JA. **Psychoanal Rev** 1985 Spring;72(1):129-47

Aspects of omnipotence. Eigen M. **Psychoanal Rev** 1985 Spring;72(1):149-59

Antony and Cleopatra: the empire of the self. Faber MD. **Psychoanal Rev** 1985 Spring;72(1):71-104

The computer, the technological order, and psychoanalysis: preliminary remarks. Faber MD. **Psychoanal Rev** 1984 Sep;71(2):263-77

'The whole scene of this voyage': a primal scene reading of Gulliver's Voyage to Brobdingnag. Freedman W. **Psychoanal Rev** 1984 Dec;71(4):553-68

Vicissitudes of narcissism in the cinematic autobiography. Gabbard GO, et al. **Psychoanal Rev** 1984 Sep;71(2):319-28

Play, myth, theater, and psychoanalysis. Grolnick SA. **Psychoanal Rev** 1984 Sep;71(2):247-62

Voices of the Wolf Man: the Wolf Man as autobiographer. Loughman C. **Psychoanal Rev** 1984 Sep;71(2):211-25

[Psychological aspects of anti-Semitism in fascist writers] Szafran AW. **Acta Psychiatr Belg** 1984 May-Jun;84(3):273-83 (Eng. Abstr.) **(Fre)**

[Early infantile autism and autistic phenomena. Psychoanalytic reflections] Haag G. **Psychiatr Enfant** 1984;27(2):293-354 **(Fre)**

[Critical review of the analytic literature on drug addiction] Magoudi A. **Psychiatr Enfant** 1985;28(1):259-93 (67 ref.) **(Fre)**

[To penetrate, to look at and to see. Observations of a psychiatrist on endoscopy] Miéville C. **Rev Med Suisse Romande** 1984 Dec;104(12):967-73 **(Fre)**

[Comments by the psychoanalyst on the activities of general practitioners] Nicolaïdis N. **Rev Med Suisse Romande** 1984 Dec;104(12):1033-4 **(Fre)**

['Always daughter of the air.' The dangerous life of Effie Briest] Dyck J, et al. **Psyche (Stuttg)** 1985 Jul;39(7):617-33 (Eng. Abstr.) **(Ger)**

[Transvestism in men] Francesconi H. **Psyche (Stuttg)** 1984 Sep;38(9):801-16 (Eng. Abstr.) **(Ger)**

[Convergence of linguistic and psychoanalytic text studies. Exemplified by a case report from the Balint group] Gutwinski-Jeggle J, et al. **Psyche (Stuttg)** 1985 Jan;39(1):23-43 (Eng. Abstr.) **(Ger)**

[Where language cannot reach] Keilson H. **Psyche (Stuttg)** 1984 Oct;38(10):915-26 (Eng. Abstr.) **(Ger)**

[Transvestite symptom formation. Clinical contribution to the etiology, psychodynamics and analyzability of male transvestite patients] Leuzinger-Bohleber M. **Psyche (Stuttg)** 1984 Sep;38(9):817-47 (Eng. Abstr.) **(Ger)**

[The analyst as detective, the detective as analyst] Lorenzer A. **Psyche (Stuttg)** 1985 Jan;39(1):1-11 (Eng. Abstr.) **(Ger)**

[The ruined picture of modern man in Günter Grass' novel 'The Tin Drum'] Neumarkt P. **Psyche (Stuttg)** 1985 Jul;39(7):648-63 (Eng. Abstr.) **(Ger)**

[Social psychology of the reception of literature. Schiller 1859 in Germany: the poet as leader and savior] Noltenius R. **Psyche (Stuttg)** 1985 Jul;39(7):593-616 (Eng. Abstr.) **(Ger)**

[From the archives of psychoanalysis. Pinocchio] Róheim G. **Psyche (Stuttg)** 1985 Jan;39(1):62-8 **(Ger)**

[Frank Wedekind's street ballad 'The teacher of Mezzodur.' A poetisized case study from the area of forensic psychiatry] Weidl E. **Psyche (Stuttg)** 1985 Jul;39(7):634-47 (Eng. Abstr.) **(Ger)**

[Exhibitionism--a criticism of only biologically oriented interpretations of this sexual disorder] Mester H. **Z Psychosom Med Psychoanal** 1985;31(2):156-71 (Eng. Abstr.) **(Ger)**

[The horror story--a contribution of horror literature to psychoanalysis] Pohl H. **Z Psychosom Med Psychoanal** 1985;31(2):187-99 (Eng. Abstr.) **(Ger)**

[Grandparenthood] Redler P. **Acta Psiquiatr Psicol Am Lat** 1983 Mar;29(1):53-66 (Eng. Abstr.) **(Spa)**

PSYCHOANALYTIC THEORY

Contribution to the study of unconscious psychic mechanism in the anesthesiologist. Escudier B. **Acta Anaesthesiol Belg** 1984;35 Suppl:469-72

Female sexuality and feminine development: freud and his legacy. Lothstein LM. **Adv Psychosom Med** 1985;12:57-70

Modern correlates of Freudian psychology. Infant sexuality and the unconscious. Lehrer S. **Am J Med** 1984 Dec;77(6):977-80

The psychic life of the young infant: review and critique of the psychoanalytic concepts of symbiosis and infantile omnipotence. Horner TM. **Am J Orthopsychiatry** 1985 Jul; 55(3):324–44 (143 ref.)

On Freud and Husserl [letter] Globus GG. **Am J Psychiatry** 1985 May;142(5):663–4

Early memories and dream formation [letter] Waugaman R. **Am J Psychiatry** 1985 Aug;142(8):991

Medical anthropology in the work of Karen Horney. Barcia D. **Am J Psychoanal** 1984 Fall;44(3):254–66

Was Freud wrong about feminine psychology? Chessick RD. **Am J Psychoanal** 1984 Winter;44(4):355–67

Karen Horney's feminine psychology. Gutierrez López A. **Am J Psychoanal** 1984 Fall;44(3):280–9

Recent sociohistorical trends and the ascent of Kohutian 'self-psychology'. Lawner P. **Am J Psychoanal** 1985 Summer;45(2):152–9

The use and abuse of theory in psychoanalysis. Marcus DM. **Am J Psychoanal** 1985 Spring;45(1):69–75

Affective disorders and narcissistic vulnerability. Milden RS. **Am J Psychoanal** 1984 Winter;44(4):345–53

Karen Horney's biocultural dialectic. Rendon M. **Am J Psychoanal** 1984 Fall;44(3):267–79

The concept of neurosis in Karen Horney. Ruiz Ogara C. **Am J Psychoanal** 1984 Fall;44(3):316–8

Loss as a metaphor for attachment. Vaillant GE. **Am J Psychoanal** 1985 Spring;45(1):59–67

A Jungian commentary on the 'ordinary' dreams of the Yolngu. Petchkovsky L. **Aust NZ J Psychiatry** 1984 Sep; 18(3):245–9

Transpersonal processes and the Oedipal phase of development. Muir RC. **Br J Med Psychol** 1985 Jun;58 (Pt 2):111–8

Narcissism and the narcissistic personality disorder: a comparison of the theories of Kernberg and Kohut. Russell GA. **Br J Med Psychol** 1985 Jun;58 (Pt 2):137–48

DSM-III and the use of the term borderline. Nuetzel EJ. **Bull Menninger Clin** 1985 Mar;49(2):124–34

Narcissistic personality disorder as a regression to a preoedipal phase of phallic narcissism. Forman M. **Hillside J Clin Psychiatry** 1981;3(1):45–59

Posthypnotic conflict and psychopathology––controlling for the effects of posthypnotic suggestions: a brief communication. Matthews WJ Jr, et al. **Int J Clin Exp Hypn** 1984 Oct;32(4):362–5

Psychoanalytic theory and the problem of creativity. Fossi G. **Int J Psychoanal** 1985;66 (Pt 2):215–30

The psychoanalytic point of view: basic concepts and deviant theories. A brief communication. Guttman SA. **Int J Psychoanal** 1985;66 (Pt 2):167–70

The analyst's conceptual freedom in the method of free association. Kris AO. **Int J Psychoanal** 1983;64 (Pt 4):407–11

Self-envy, the womb and the nature of goodness. A reappraisal of the death instinct. Maizels N. **Int J Psychoanal** 1985;66 (Pt 2):185–92

On potential space. Ogden TH. **Int J Psychoanal** 1985;66 (Pt 2):129–41

Narcissism: its structures, systems and affects. Parkin A. **Int J Psychoanal** 1985;66 (Pt 2):143–56

The 'second censorship', the 'three box model' and some technical implications. Sandler J, et al. **Int J Psychoanal** 1983;64 (Pt 4):413–25

Identification in the theory and technique of psychoanalysis. Some thoughts on its farther reaches and functions. Simenauer E. **Int J Psychoanal** 1985;66 (Pt 2):171–84

The Schreber case: a reappraisal. Grotstein JS. **Int J Psychoanal Psychother** 1984–85;10:321–75

Toward a unified conception of the origins of sexual and social deviancy in young persons. Limentani A. **Int J Psychoanal Psychother** 1984–85;10:383–401

Schreber's illness: dementia paranoides or affective disorder? Rinsley DB. **Int J Psychoanal Psychother** 1984–85; 10:377–82

Change and integration in psychoanalytic developmental theory. Shane M, et al. **Int J Psychoanal Psychother** 1984–85;10:457–71

Inferences of personality characteristics from earliest memories. Rosenheim E, et al. **Isr J Psychiatry Relat Sci** 1984;21(2):93–101

Some remarks on the Oedipus complex from an ethological point of view. Bacciagaluppi M. **J Am Acad Psychoanal** 1984 Oct;12(4):471–90

Virginia Woolf: manic-depressive psychosis and genius. An illustration of separation-individuation theory. Bond AH. **J Am Acad Psychoanal** 1985 Apr;13(2):191–210

Thinking as a narcissistic resistance. Cohen J. **J Am Acad Psychoanal** 1985 Jan;13(1):77–92

The role of the mirror in human suffering and in intimacy. Goldberg C. **J Am Acad Psychoanal** 1984 Oct;12(4):511–28

The role of learning in the psychoanalytic relationship. Greenbaum H. **J Am Acad Psychoanal** 1985 Jan;13(1):1–14

Psychoanalytic constructions of female development and women's conflicts about achievement. Part I. Kanefield L. **J Am Acad Psychoanal** 1985 Apr;13(2):229–46

Chaos and control in the creative process. Safán-Gerard D. **J Am Acad Psychoanal** 1985 Jan;13(1):129–38

The impact of psychoanalytic theories of conflict upon treatment. Tuttman S. **J Am Acad Psychoanal** 1984 Oct; 12(4):491–509

The seduction theory controversy. Herman J. **J Am Med Wom Assoc** 1984 Sep–Oct;39(5):168–9, 172

Metapsychology: its cultural and scientific roots. Panel report. **J Am Psychoanal Assoc** 1983;31(3):689–98

The Oedipus complex: a reevaluation. Panel report. **J Am Psychoanal Assoc** 1985;33(1):201–16

A reexamination of the concept 'object' in psychoanalysis. Panel report. **J Am Psychoanal Assoc** 1985;33(1):167–85

Theory of character. Panel report. **J Am Psychoanal Assoc** 1983;31(1):211–24

Psychoanalytic theories of the self. Panel report. **J Am Psychoanal Assoc** 1982;30(3):717–33

New directions in affect theory. Panel report. **J Am Psychoanal Assoc** 1982;30(1):197–211

Empathic understanding: a review of the concept and some theoretical considerations. Basch MF. **J Am Psychoanal Assoc** 1983;31(1):101–26

The evolution of the concept of character in Freud's writings. Baudry F. **J Am Psychoanal Assoc** 1983;31(1):3–31

Character: a concept in search of an identity. Baudry F. **J Am Psychoanal Assoc** 1984;32(3):455–77

Masochistic pathology and feminine development. Bernstein I. **J Am Psychoanal Assoc** 1983;31(2):467–86

Theories of the self and psychoanalytic concepts: discussion. Blum HP. **J Am Psychoanal Assoc** 1982;30(4):959–78

The relation between masochism and depression. Caston J. **J Am Psychoanal Assoc** 1984;32(3):603–14

The development of the drive object concept in Freud's work: 1905–1915. Compton A. **J Am Psychoanal Assoc** 1985;33(1):93–115

Notes on critical examinations of the primal scene concept. Dahl G. **J Am Psychoanal Assoc** 1982;30(3):657–77

The choice of a name: 'Dora' and Freud's relationship with Breuer. Decker HS. **J Am Psychoanal Assoc** 1982; 30(1):113–36

The self as fantasy: fantasy as theory. Grossman WI. **J Am Psychoanal Assoc** 1982;30(4):919–37

Freud, evolution, and the tragedy of man. Holmes KR. **J Am Psychoanal Assoc** 1983;31(1):187–210

Some relations between the negative Oedipus complex and aggression in the male. Jaffe DS. **J Am Psychoanal Assoc** 1983;31(4):957–84

The inconstant 'principle of constancy'. Kanzer M. **J Am Psychoanal Assoc** 1983;31(4):843–65

The nature of the Oedipus complex in the Dora case. Krohn A, et al. **J Am Psychoanal Assoc** 1982;30(3):555–78

Oedipus in the stone age. Lidz T, et al. **J Am Psychoanal Assoc** 1984;32(3):507–27

Further reflections on Freud and his writing. Mahony PJ. **J Am Psychoanal Assoc** 1984;32(4):847–64

Freud's conception is different from Strachey's. Ornston D. **J Am Psychoanal Assoc** 1985;33(2):379–412

Metaphors and isomorphisms: analogical reasoning in Beyond the Pleasure Principle. Paniagua C. **J Am Psychoanal Assoc** 1982;30(2):509–23

The self psychoanalytic theory. Rangell L. **J Am Psychoanal Assoc** 1982;30(4):863–91

On the theory of theory in psychoanalysis and the relation of theory to psychoanalytic therapy. Rangell L. **J Am Psychoanal Assoc** 1985;33(1):59–92

The object in psychoanalytic theory. Rangell L. **J Am Psychoanal Assoc** 1985;33(2):301–34

The relation between psychoanalytic theory and psychoanalytic technique. Richards A. **J Am Psychoanal Assoc** 1984;32(3):587–602

The superordinate self in psychoanalytic theory and in the self psychologies. Richards AD. **J Am Psychoanal Assoc** 1982;30(4):939–57

The two concepts of action and responsibility in psychoanalysis. Schwartz W. **J Am Psychoanal Assoc** 1984; 32(3):557–72

The alternate schools and the self. Ticho EA. **J Am Psychoanal Assoc** 1982;30(4):849–62

Psychoanalysis and self psychology: a metapsychological essay with a clinical illustration. Treurniet N. **J Am Psychoanal Assoc** 1983;31(1):59–100

Psychoanalytic dream theory and recent neurobiological findings about REM sleep. Wasserman MD. **J Am Psychoanal Assoc** 1984;32(4):831–46

Synchronicity in psychotherapy. Keutzer CS. **J Anal Psychol** 1984 Oct;29(4):373–81

The availability of the analyst. Sidoli M. **J Anal Psychol** 1984 Oct;29(4):355–72

Magic and participating consciousness. Willeford W. **J Anal Psychol** 1984 Oct;29(4):337–53

A predictive approach to suicide notes of young and old people from Freud's formulations with regard to suicide. Leenaars AA, et al. **J Clin Psychol** 1984 Nov;40(6):1362–4

Effects of subliminal activation of Oedipal fantasies on competitive performance. A replication and extension. Palumbo R, et al. **J Nerv Ment Dis** 1984 Dec; 172(12):737–41

A concept of mental health. Rogers FB. **Penn Med** 1984 Nov;87(11):28–30

The furor in the Freud Archives. Wilson JS. **Perspect Psychiatr Care** 1984 Jul–Sep;22(3):115–7

A Freudian look at radiology. Daves ML. **Pharos** 1984 Spring;47(2):13–5

The concept of identification in the work of Freud, Ferenczi, and Abraham: a review and commentary. Compton A. **Psychoanal Q** 1985 Apr;54(2):200–33

Clinical perspectives on self psychology. Curtis HC. **Psychoanal Q** 1985 Jul;54(3):339–78

Neglected classics: Rapaport's 'metapsychological considerations concerning activity and passivity'. Esman AH. **Psychoanal Q** 1985 Jan;54(1):66–9

Potentiality shrouded: how the newer theories work. Friedman L. **Psychoanal Q** 1985 Jul;54(3):379–414

Neglected classics: Waelder's 'Problem of the genesis of psychical conflict in earliest infancy'. Goodman S. **Psychoanal Q** 1985 Jul;54(3):455–9

Demythologizing oedipus. Leavy SA. **Psychoanal Q** 1985 Jul;54(3):444–54

Oedipus complex and development of self. Loewald HW. **Psychoanal Q** 1985 Jul;54(3):435–43

Psychoanalysis, psychoanalysis appropriated, psychoanalysis applied. Reed GS. **Psychoanal Q** 1985 Apr;54(2):234–69

A hypothesis concerning the incest taboo. Arkin AM. **Psychoanal Rev** 1984 Nov;71(3):375–81

Some thoughts on the development of Western culture. Arvanitakis K. **Psychoanal Rev** 1984 Sep;71(2):297–303

The computer, the technological order, and psychoanalysis: preliminary remarks. Faber MD. **Psychoanal Rev** 1984 Sep; 71(2):263–77

A psychoanalytic perspective on sexually open relations. Felton JR. **Psychoanal Rev** 1984 Sep;71(2):279–95

From somnambulism to the archetypes: the French roots of Jung's split with Freud. Haule JR. **Psychoanal Rev** 1984 Dec;71(4):635–59

Narcissistic friendships. Hymer SM. **Psychoanal Rev** 1984 Nov;71(3):423–39

Dynamics and problems in the treatment of the 'oedipal winner'. Lasky R. **Psychoanal Rev** 1984 Nov;71(3):351–74

Voices of the Wolf Man: the Wolf Man as autobiographer. Loughman C. **Psychoanal Rev** 1984 Sep;71(2):211–25

The elusive Freud. Pollack SD. **Psychoanal Rev** 1984 Dec; 71(4):517–27

Freud and Adler: a conceptual analysis of their differences. Runyon RS. **Psychoanal Rev** 1984 Nov;71(3):413–21

Fantasy and reality in the oedipal phase. A conceptual overview. Abrams S. **Psychoanal Study Child** 1984; 39:83–100

Reflections on the last stage––and the first. Erikson EH. **Psychoanal Study Child** 1984;39:155–65

The conflicts of ambivalence. Kris AO. **Psychoanal Study Child** 1984;39:213–34

Anna Freud's concept of developmental lines. Neubauer PB. **Psychoanal Study Child** 1984;39:15–27

Anna Freud: radical innovator and staunch conservative. Wallerstein RS. **Psychoanal Study Child** 1984;39:65–80

Unconscious content. Block P. **Psychol Rep** 1985 Jun; 56(3):891–901

Jungian typology of prospective psychodramatists: Myers-Briggs Type Indicator analysis of applicants for psychodrama training. Buchanan DR, et al. **Psychol Rep** 1984 Oct;55(2):599–606

Psychoanalytic concepts of eating disorders: an empirical approach with a semantic differential (Ertel). Tschuschke V, et al. **Psychother Psychosom** 1984;42(1–4):127–32

A predictive approach to Freud's formulations regarding suicide. Leenaars AA, et al. **Suicide Life Threat Behav** 1984 Winter;14(4):275–83

[Ghost hunters. Intellectual inhibition, team problems and family secrets] Diatkine G. **Psychiatr Enfant** 1984; 27(1):223–48 **(Fre)**

[Formation and configuration of the Oedipus complex: clinical observations and hypotheses] Laufer M. **Psychiatr Enfant** 1984;27(1):49–68 **(Fre)**

[The concept of intentionality and the deficiency theory of schizophrenias] Mundt C. **Nervenarzt** 1984 Nov; 55(11):582–8 **(Ger)**

[Dreams in the treatment of children and adolescents with preoedipal disorders] Hopf HH. **Prax Kinderpsychol Kinderpsychiatr** 1985 May–Jun; 34(4):154–60 (Eng. Abstr.) **(Ger)**

[Psychoanalysis and family dynamics] Steffens W. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:26–38 **(Ger)**

[Role of the psychoanalyst in the healing process. On the theory of therapy] Adler H. **Psyche (Stuttg)** 1984 Nov; 38(11):993–1022 (Eng. Abstr.) **(Ger)**

[Significance of the basic principle for the psychoanalytic method] Argelander H. **Psyche (Stuttg)** 1985 Jan; 39(1):12–22 (Eng. Abstr.) **(Ger)**

[Freud's psychological methods in art] Breuer H. **Psyche (Stuttg)** 1985 Jul;39(7):577–91 (Eng. Abstr.) **(Ger)**

[The psychoanalytic rule of abstinence. From rule-bound to operational application] Cremerius J. **Psyche (Stuttg)** 1984 Sep;38(9):669–800 (Eng. Abstr.) **(Ger)**

[Genealogy of the id] Dahmer H. **Psyche (Stuttg)** 1985 Feb; 39(2):97–100 **(Ger)**

[Ego, id and the unconscious] Fetscher R. **Psyche (Stuttg)** 1985 Mar;39(3):241–75 (Eng. Abstr.) **(Ger)**

[Construction of the self] Fetscher R. **Psyche (Stuttg)** 1985 Aug;39(8):673–707 (Eng. Abstr.) **(Ger)**

[Freud's 'Katharina'––background, origin and significance of an early psychoanalytic case history] Fichtner G, et al. **Psyche (Stuttg)** 1985 Mar;39(3):220–40 (Eng. Abstr.) **(Ger)**

[Metapsychology is no psychology] Gill MM. **Psyche (Stuttg)** 1984 Nov;38(11):961–92 **(Ger)**

[The collapsing house of cards. On Bernd Nitzschke's essay on the origin of the id] Goldmann S. **Psyche (Stuttg)** 1985 Feb;39(2):101–24 **(Ger)**

[Psychoanalytic study of functionally sterile couples. Case histories and critical review] Goldschmidt O, et al. **Psyche (Stuttg)** 1985 Jun;39(6):538-52 (Eng. Abstr.) **(Ger)**

[Integration of self psychology and psychoanalysis on developmental psychologic principles. Demonstrated by the case of Louisa A. by P. Tolpin] Grunert U. **Psyche (Stuttg)** 1985 Aug;39(8):708-37 (Eng. Abstr.) **(Ger)**

[Money in Marx and Freud] Harsch W. **Psyche (Stuttg)** 1985 May;39(5):429-55 (Eng. Abstr.) **(Ger)**

[How do we arrive at a 'constitutional intolerance' to war? Remarks on the Einstein-Freud correspondence 50 years later] Horn K. **Psyche (Stuttg)** 1984 Dec;38(12):1083-104 (Eng. Abstr.) **(Ger)**

[The rediscovered id. On Bernd Nitzschke's essay on the origin of the id] Kerz JP. **Psyche (Stuttg)** 1985 Feb;39(2):125-43 **(Ger)**

[Large id or small id? Remarks on the article by Bernd Nitzschke on the origin of the id] Küchenhoff J. **Psyche (Stuttg)** 1985 Feb;39(2):144-9 **(Ger)**

[Homosexuality and psychoanalysis] Moor P. **Psyche (Stuttg)** 1985 Aug;39(8):750-9 **(Ger)**

[Concepts of countertransference in Freud] Nerenz K. **Psyche (Stuttg)** 1985 Jun;39(6):501-18 (Eng. Abstr.) **(Ger)**

['The Mark of Oppression'. Ethnopsychoanalytic study of Jews and homosexuals in a relatively permissive culture] Parin P. **Psyche (Stuttg)** 1985 Mar;39(3):193-219 (Eng. Abstr.) **(Ger)**

[Compulsion in the service of self-preservation] Quint H. **Psyche (Stuttg)** 1984 Aug;38(8):717-37 (Eng. Abstr.) **(Ger)**

[Fear of dying and destructiveness] Richter HE. **Psyche (Stuttg)** 1984 Dec;38(12):1105-23 (Eng. Abstr.) **(Ger)**

[Patricide. On the background of Freud's 'mass psychology and ego analysis'] van Ginneken J. **Psyche (Stuttg)** 1984 Dec;38(12):1124-48 (Eng. Abstr.) **(Ger)**

[Georg Groddeck's philosophy of the id] von Diersburg ER. **Psyche (Stuttg)** 1985 Feb;39(2):170-8 **(Ger)**

[The problem of the death drive] Widmer P. **Psyche (Stuttg)** 1984 Dec;38(12):1059-82 (Eng. Abstr.) **(Ger)**

[Freud, Groddeck and the history of the id] Will H. **Psyche (Stuttg)** 1985 Feb;39(2):150-69 **(Ger)**

[Reflections on the psychoanalytic health concept] Hinrichs R. **Psychother Psychosom Med Psychol** 1984 Nov;34(11):261-8 (Eng. Abstr.) **(Ger)**

[Critical comments on body-related therapy forms] Kind H. **Psychother Psychosom Med Psychol** 1985 Jun;35(6):167-70 (Eng. Abstr.) **(Ger)**

[Specificity of 'pensée opératoire' in psychosomatic disorders] Vogt R, et al. **Psychother Psychosom Med Psychol** 1985 Jun;35(6):160-6 (Eng. Abstr.) **(Ger)**

[Concept of the 'unfulfilled life' in the work of Viktor von Weizsäcker] Zacher A. **Psychother Psychosom Med Psychol** 1984 Sep-Oct;34(9-10):237-41 (Eng. Abstr.) **(Ger)**

[History of the theory of psychic energy] Ackerknecht EH. **Schweiz Arch Neurol Neurochir Psychiatr** 1984;135(2):181-5 (Eng. Abstr.) **(Ger)**

[Wilhelm Reich--Arthur Janov--a comparison of their work] Sprengler M. **Z Klin Psychol Psychopathol Prychother** 1984;32(3):234-47 (Eng. Abstr.) **(Ger)**

[Remarks on Freud's 'Note on the 'Wunderblock''] Weiss H, et al. **Z Klin Psychol Psychopathol Psychother** 1984;32(4):333-44 **(Ger)**

[Anamnesis as drama--the first sentences] Friedrich H. **Z Psychosom Med Psychoanal** 1984;30(4):314-22 (Eng. Abstr.) **(Ger)**

[Migraine reflected in contributions to psychodynamic research. A review of the literature] Haas JP. **Z Psychosom Med Psychoanal** 1985;31(1):14-24 (Eng. Abstr.) **(Ger)**

[Time and the psyche. On the genesis and dynamics of subjective time perception] Hinrichs R. **Z Psychosom Med Psychoanal** 1984;30(4):342-56 (Eng. Abstr.) **(Ger)**

[Aspects of the preliminary psychotherapeutic phase before analytic treatment of psychosomatically ill patients] Köndgen R. **Z Psychosom Med Psychoanal** 1984;30(4):377-85 (Eng. Abstr.) **(Ger)**

[The pathology of susceptibility to hurt feelings] Kraemer HP. **Z Psychosom Med Psychoanal** 1984;30(4):323-41 (Eng. Abstr.) **(Ger)**

[Exhibitionism--a criticism of only biologically oriented interpretations of this sexual disorder] Mester H. **Z Psychosom Med Psychoanal** 1985;31(2):156-71 (Eng. Abstr.) **(Ger)**

[Non-organically-induced vertigo] Payk TR. **Z Psychosom Med Psychoanal** 1985;31(1):25-31 (Eng. Abstr.) **(Ger)**

[Development of creativity] Schecter DE. **Z Psychosom Med Psychoanal** 1984;30(3):292-8 **(Ger)**

[Diagnostic judgment in psychoanalysis. A name for a subject or the result of communication processes?] Streeck U. **Z Psychosom Med Psychoanal** 1984;30(4):303-13 (Eng. Abstr.) **(Ger)**

PSYCHOANALYTIC THERAPY

The analysis of an adolescent boy. Galatzer-Levy RM. **Adolesc Psychiatry** 1985;12:336-60

Countertransference and the severely disturbed adolescent. Giovacchini PL. **Adolesc Psychiatry** 1985;12:449-67

Transference/countertransference issues in the treatment of an acting-out adolescent. Wallace NL, et al. **Adolesc Psychiatry** 1985;12:468-77

Consultation-liaison activities in West Germany. Balint group work and final conclusions. Speidel H. **Adv Psychosom Med** 1983;11:198-204

Can East and West meet in psychoanalysis? [letter] **Am J Psychiatry** 1985 Oct;142(10):1226-8

The impact of object relations theory on psychodynamic group therapy. Alonso A, et al. **Am J Psychiatry** 1984 Nov;141(11):1376-80

Empathy and outcome in brief focal dynamic therapy. Free NK, et al. **Am J Psychiatry** 1985 Aug;142(8):917-21

The snow leopard. Fusion in an elaborated delusional fantasy. Berenstein F. **Am J Psychoanal** 1984 Winter;44(4):377-97

The negative therapeutic reaction: crisis of practice or crisis of theory? Danielian J. **Am J Psychoanal** 1985 Summer;45(2):109-18

Hope as a means of therapy in the work of Karen Horney. Díez Manrique JF. **Am J Psychoanal** 1984 Fall;44(3):301-10

The 'Lilt' feeling. Johnson B. **Am J Psychoanal** 1984 Winter;44(4):369-75

Some aspects of separation and loss in therapy with disturbed children. Mahon E. **Am J Psychoanal** 1985 Spring;45(1):35-51

The use and abuse of theory in psychoanalysis. Marcus DM. **Am J Psychoanal** 1985 Spring;45(1):69-75

Clinical work in the Horney tradition. Rendon M. **Am J Psychoanal** 1984 Fall;44(3):319-33

The use of psychoanalytic principles in the treatment of older people. Rosenthal HM. **Am J Psychoanal** 1985 Summer;45(2):119-34

Separation and loss in psychoanalytic therapy with borderline patients: further remarks. Searles HF. **Am J Psychoanal** 1985 Spring;45(1):9-34

The effect of media involvement on transference. Bumpass ER, et al. **Am J Psychother** 1985 Apr;39(2):228-35

The reality and the image of God in psychotherapy. Spero MH. **Am J Psychother** 1985 Jan;39(1):75-85

Prognostic indicators in the psychotherapy of borderline patients. Woollcott P Jr. **Am J Psychother** 1985 Jan;39(1):17-29

Psychoanalytic approach to psychotic disturbances in very young children: a clinical report. Galenson E. **Hillside J Clin Psychiatry** 1984;6(2):221-40

Psychiatric consultation to the medical ward: a group analytic and general systems theory point of view. Gadlin W. **Int J Group Psychother** 1985 Apr;35(2):263-78

Parallel development of the group and its relationship to the leader: a theoretical explanation. Saravay SM. **Int J Group Psychother** 1985 Apr;35(2):197-207

Regression in group therapy: a negative view. Weiner MF. **Int J Group Psychother** 1985 Apr;35(2):209-24

Working through in the countertransference. Pick IB. **Int J Psychoanal** 1985;66 (Pt 2):157-66

The range of applicability of psychoanalytic technique. Gill M. **Int J Psychoanal Psychother** 1984-85;10:109-16

The use of psychoanalytic theory and technique on the medical ward. Grossman S. **Int J Psychoanal Psychother** 1984-85;10:533-48

What is 'psychotherapy'? Lifschutz JE. **Int J Psychoanal Psychother** 1984-85;10:91-107

The role of the analyst's facial expressions in psychoanalysis and psychoanalytic therapy. Searles HF. **Int J Psychoanal Psychother** 1984-85;10:47-73

The termination phase of psychoanalysis in a narcissistic personality. Warnes H. **Int J Psychoanal Psychother** 1984-85;10:159-71

Omnipotence and self-fulfillment: key issues in analytically-oriented psychotherapy with older persons. Anshin RN. **J Am Acad Psychoanal** 1985 Apr;13(2):247-58

Thinking as a narcissistic resistance. Cohen J. **J Am Acad Psychoanal** 1985 Jan;13(1):77-92

Creative productivity in women analysts. Schuker E. **J Am Acad Psychoanal** 1985 Jan;13(1):51-75

Sociocultural considerations in the emergence of sexual feelings in male patients seeing female therapists. Zicherman V. **J Am Acad Psychoanal** 1984 Oct;12(4):545-51

Reanalysis of child analytic patients. Panel report. **J Am Psychoanal Assoc** 1983;31(3):677-88

Psychoanalytic inferences concerning children of divorced parents. Panel report. **J Am Psychoanal Assoc** 1983;31(1):247-58

Reanalysis. Panel report. **J Am Psychoanal Assoc** 1985;33(1):187-200

Interpretation: toward a contemporary understanding of the term. Panel report. **J Am Psychoanal Assoc** 1983;31(1):237-45

The changing vistas of transference: the effect of developmental concepts on the understanding of transference. Panel report. **J Am Psychoanal Assoc** 1983;31(3):699-711

Clinical aspects of character. Panel report. **J Am Psychoanal Assoc** 1983;31(1):225-36

Serious illness in the analyst: countertransference considerations. Abend SM. **J Am Psychoanal Assoc** 1982;30(2):365-79

Reconstruction of preverbal experiences. Anthi PR. **J Am Psychoanal Assoc** 1983;31(1):33-58

Treatment preparatory to psychoanalysis. Bernstein SB. **J Am Psychoanal Assoc** 1983;31(2):363-90

A note on consummation and termination. Calef V, et al. **J Am Psychoanal Assoc** 1983;31(3):643-50

Serious illness in the analyst: transference, countertransference, and reality responses. Dewald PA. **J Am Psychoanal Assoc** 1982;30(2):347-63

Observations on assessment of analyzability by experienced analysts. Erle JB, et al. **J Am Psychoanal Assoc** 1984;32(4):715-37

Psychoanalysis of a patient who received a kidney transplant. Freedman A. **J Am Psychoanal Assoc** 1983;31(4):917-56

Empathy and psychoanalytic technique. Levy ST. **J Am Psychoanal Assoc** 1985;33(2):353-78

The resolution of a transsexual wish in a five-year-old boy. Loeb L, et al. **J Am Psychoanal Assoc** 1982;30(2):419-34

On the theory of theory in psychoanalysis and the relation of theory to psychoanalytic therapy. Rangell L. **J Am Psychoanal Assoc** 1985;33(1):59-92

Peer review, third-party payment, and the analytic situation: a case report. Rudominer HS. **J Am Psychoanal Assoc** 1984;32(4):773-95

Wild analysis. Schafer R. **J Am Psychoanal Assoc** 1985;33(2):275-99

The end phase of analysis: indicators, functions, and tasks of termination. Shane M, et al. **J Am Psychoanal Assoc** 1984;32(4):739-72

Psychoanalysis of the older patient. Simburg EJ. **J Am Psychoanal Assoc** 1985;33(1):117-32

Irony in psychoanalysis. Stein MH. **J Am Psychoanal Assoc** 1985;33(1):35-57

A bridge to understanding: the transcendent function in the analyst. Powell S. **J Anal Psychol** 1985 Jan;30(1):29-45

View from the Nation's Courts. Freishtat HW. **J Clin Psychopharmacol** 1982 Feb;2(1):75-7

Psychotherapy under attack. Steiner J. **Lancet** 1985 Feb 2;1(8423):266-7

On therapeutic wisdom: graduation address, Washington School of Psychiatry. Kerrigan W. **Psychiatry** 1985 Feb;48(1):93-100

Potentiality shrouded: how the newer theories work. Friedman L. **Psychoanal Q** 1985 Jul;54(3):379-414

'Natural termination': some comments on ending analysis without setting a date. Goldberg A, et al. **Psychoanal Q** 1985 Jan;54(1):46-65

Cognitive difficulties in psychoanalysis. Kafka E. **Psychoanal Q** 1984 Oct;53(4):533-50

Countertransference, sensory images, and the therapeutic cure. Bady SL. **Psychoanal Rev** 1984 Dec;71(4):529-39

On feeling hopeless. Solomon I. **Psychoanal Rev** 1985 Spring;72(1):55-69

From concretism to metaphor. Thoughts on some theoretical and technical aspects of the psychoanalytic work with children of Holocaust survivors. Grubrich-Simitis I. **Psychoanal Study Child** 1984;39:301-19

The sinking feeling. Hitchcock J. **Psychoanal Study Child** 1984;39:321-9

The handling of overt aggression in child analysis. Maenchen A. **Psychoanal Study Child** 1984;39:393-405

Psychoanalytic treatment of diabetic children. Moran GS. **Psychoanal Study Child** 1984;39:407-47

Problems of development and adaptation in an elderly patient. Sandler AM. **Psychoanal Study Child** 1984;39:471-89

Effect of treatment rationale and problem severity upon therapeutic preferences. Fox SG, et al. **Psychol Rep** 1984 Aug;55(1):207-14

Preference for counseling and psychotherapy as related to preoedipal fixation. Juni S, et al. **Psychol Rep** 1985 Apr;56(2):431-8

[Mental disorders following psychoanalysis] Baruk H. **Ann Med Psychol (Paris)** 1984 Sep-Oct;142(8):1106-10 **(Fre)**

[Analytical therapy of children] Renders X. **Neuropsychiatr Enfance Adolesc** 1984 Sep;32(9):451-7 (Eng. Abstr.) **(Fre)**

[Integration of the psychoanalytical and systemic approaches in the diagnostic process] Villeneuve C. **Neuropsychiatr Enfance Adolesc** 1984 Sep;32(9):459-64 (Eng. Abstr.) **(Fre)**

[A 'mimickry' patient: report on attempted treatment of a self-inflicted disease] Plassmann R, et al. **Prax Kinderpsychol Kinderpsychiatr** 1985 May-Jun;34(4):133-41 (Eng. Abstr.) **(Ger)**

[Psychoanalytic treatment of a 10-year-old boy with Gilles de la Tourette syndrome] Schattner-Meinke U. **Prax Kinderpsychol Kinderpsychiatr** 1985 Feb-Mar;34(2):57-63 (Eng. Abstr.) **(Ger)**

[Families with a child ill with colitis or asthma in the initial psychoanalytic consultation and the family Rorschach Test] Günther C, et al. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:303-20 **(Ger)**

[Freud's 'Katharina'--background, origin and significance of an early psychoanalytic case history] Fichtner G, et al. **Psyche (Stuttg)** 1985 Mar;39(3):220-40 (Eng. Abstr.) **(Ger)**

[Psychoanalytic study of functionally sterile couples. Case histories and critical review] Goldschmidt O, et al. **Psyche (Stuttg)** 1985 Jun;39(6):538-52 (Eng. Abstr.) **(Ger)**

[Integration of self psychology and psychoanalysis on developmental psychologic principles. Demonstrated by the case of Louisa A. by P. Tolpin] Grunert U. **Psyche (Stuttg)** 1985 Aug;39(8):708-37 (Eng. Abstr.) **(Ger)**

[Homosexuality and psychoanalysis] Moor P. **Psyche (Stuttg)** 1985 Aug;39(8):750-9 **(Ger)**

[Concepts of countertransference in Freud] Nerenz K. **Psyche (Stuttg)** 1985 Jun;39(6):501-18 (Eng. Abstr.) **(Ger)**

[The psychoanalytic consultation exemplified by unmotivated (e.g., psychosomatic) patients] Schubart W. **Psyche (Stuttg)** 1985 Jun;39(6):519-37 (Eng. Abstr.) **(Ger)**

[Current problems of psychoanalytic psychosomatics] Zepf S, et al. **Psyche (Stuttg)** 1985 Aug;39(8):738-49 (Eng. Abstr.) **(Ger)**

[Is the success of psychotherapeutic treatment predictable? Experiences from the Penn Psychotherapy Project] Kächele H, et al. **Psychother Psychosom Med Psychol** 1985 Aug;35(8):201-6 (Eng. Abstr.) **(Ger)**

[Reflections on the evaluation of psychotherapeutic treatments] Kordy H, et al. **Psychother Psychosom Med Psychol** 1985 Aug;35(8):207-12 (Eng. Abstr.) **(Ger)**

[Psychoanalysis, age and chronic disease] Speidel H. **Psychother Psychosom Med Psychol** 1985 Jun;35(6):141-6 (Eng. Abstr.) **(Ger)**

[Body language in the psychoanalytic treatment situation] Herdieckerhoff G. **Z Psychosom Med Psychoanal** 1985; 31(2):129-50 (Eng. Abstr.) **(Ger)**

[Silence, to be noticed: on an apparently paradoxical significance of silence] Kreische R. **Z Psychosom Med Psychoanal** 1985;31(2):151-5 (Eng. Abstr.) **(Ger)**

[Understanding the life history: diagnostic, therapeutic and methodologic viewpoints] Schelling WA. **Z Psychosom Med Psychoanal** 1985;31(3):205-14 (Eng. Abstr.) **(Ger)**

EDUCATION

The life-story method in psychotherapy and psychiatric education: the development of confidence. Slavney PR, et al. **Am J Psychother** 1985 Jan;39(1):57-67

Countertransference and supervision: a discussion of some dynamics from the point of view of the supervisee. Gauthier M. **Can J Psychiatry** 1984 Oct;29(6):513-9

An educational-evaluation perspective on the training analysis. Shapiro D. **Int J Psychoanal Psychother** 1984-85; 10:289-92

Beyond lay analysis: pathways to a psychoanalytic career. Panel report. **J Am Psychoanal Assoc** 1982;30(3):701-15

METHODS

Short-term dynamic psychotherapy: another kind of learning on campus. Love RL, et al. **Adolesc Psychiatry** 1985; 12:327-35

Influence of group psychotherapy: a thirty-eight-year follow-up. Shaskan DA, et al. **Am J Psychoanal** 1985 Spring;45(1):93-4

Psychoanalytic listening II. Chessick RD. **Am J Psychother** 1985 Jan;39(1):30-48

The psychotherapy of a modern warlock: rapprochement in a coven of white witches. Olsson PA. **Am J Psychother** 1985 Apr;39(2):263-76

I.Q. changes in young children following intensive long-term psychotherapy. Zelman AB, et al. **Am J Psychother** 1985 Apr;39(2):215-27

More on psychotherapy [editorial] Wortis J. **Biol Psychiatry** 1984 Jul;19(7):933-4

Planned brief psychotherapy in clinical practice. Keller A. **Br J Med Psychol** 1984 Dec;57 (Pt 4):347-61

Scales to assess the therapeutic alliance from a psychoanalytic perspective. Allen JG, et al. **Bull Menninger Clin** 1984 Sep; 48(5):383-400

Pain and potential space. Toward a clinical theory of meaning. Hubner MK. **Bull Menninger Clin** 1984 Sep; 48(5):443-54

Fifty years after the mutative interpretation. Etchegoyen RH. **Int J Psychoanal** 1983;64 (Pt 4):445-59

The analyst's conceptual freedom in the method of free association. Kris AO. **Int J Psychoanal** 1983;64 (Pt 4):407-11

The 'second censorship', the 'three box model' and some technical implications. Sandler J, et al. **Int J Psychoanal** 1983;64 (Pt 4):413-25

A change in the self: the development and transformation of an idealizing transference. Tolpin PH. **Int J Psychoanal** 1983;64 (Pt 4):461-83

The psychoanalytic treatment of the performing artist: superego aspects. Babikian HM. **J Am Acad Psychoanal** 1985 Jan;13(1):139-48

Psychoanalytic principles in psychosocial rehabilitation. Easton K. **J Am Acad Psychoanal** 1984 Oct;12(4):569-84

Parameters and the analytic process: a contribution to the theory of the 'mature transference'. Fields M. **J Am Acad Psychoanal** 1985 Jan;13(1):15-33

The role of learning in the psychoanalytic relationship. Greenbaum H. **J Am Acad Psychoanal** 1985 Jan;13(1):1-14

Therapist resistances to short-term dynamic psychotherapy. Hoyt MF. **J Am Acad Psychoanal** 1985 Jan;13(1):93-112

The 'outcome' of psychoanalytic psychotherapy: conformity, peculiarity and 'common unhappiness'. Lawner P. **J Am Acad Psychoanal** 1985 Jan;13(1):35-49

The impact of psychoanalytic theories of conflict upon treatment. Tuttman S. **J Am Acad Psychoanal** 1984 Oct; 12(4):491-509

Psychoanalysis and contextual analysis of phobias. Zane MD. **J Am Acad Psychoanal** 1984 Oct;12(4):553-68

Construction and reconstruction: clinical aspects. Panel report. **J Am Psychoanal Assoc** 1982;30(1):213-33

The role of analytic neutrality in the use of the child analyst as a new object. Chused JF. **J Am Psychoanal Assoc** 1982; 30(1):3-28

Twin transference as a compromise formation. Coen SJ, et al. **J Am Psychoanal Assoc** 1982;30(3):599-620

The choice of a name: 'Dora' and Freud's relationship with Breuer. Decker HS. **J Am Psychoanal Assoc** 1982; 30(1):113-36

The exit line: heightened transference-countertransference manifestations at the end of the hour. Gabbard GO. **J Am Psychoanal Assoc** 1982;30(3):579-98

A method for studying the analysis of aspects of the patient's experience of the relationship in psychoanalysis and psychotherapy. Gill MM, et al. **J Am Psychoanal Assoc** 1982;30(1):137-67

'Developmental lag' in the evolution of technique for psychoanalysis of neurotic conflict. Gray P. **J Am Psychoanal Assoc** 1982;30(3):621-55

The current psychoanalytic dialogue: its counterpart in Renaissance philosophy. Grolnick SA. **J Am Psychoanal Assoc** 1982;30(3):679-99

The neutrality of the analyst in the analytic situation. Leider RJ. **J Am Psychoanal Assoc** 1984;32(3):573-85

A case of phallic-narcissistic personality. Meissner WW. **J Am Psychoanal Assoc** 1985;33(2):437-69

Working with shame in psychoanalytic treatment. Morrison AP. **J Am Psychoanal Assoc** 1984;32(3):479-505

The relation between psychoanalytic theory and psychoanalytic technique. Richards A. **J Am Psychoanal Assoc** 1984;32(3):587-602

On some clinical implications of action language. Spence DP. **J Am Psychoanal Assoc** 1982;30(1):169-84

Foetal psychology and the analytic process. Kay DL. **J Anal Psychol** 1984 Oct;29(4):317-36

Synchronicity in psychotherapy. Keutzer CS. **J Anal Psychol** 1984 Oct;29(4):373-81

The availability of the analyst. Sidoli M. **J Anal Psychol** 1984 Oct;29(4):355-72

Some technical problems of countertransference. Arlow JA. **Psychoanal Q** 1985 Apr;54(2):164-74

Countertransference as compromise formation. Brenner C. **Psychoanal Q** 1985 Apr;54(2):155-63

The concept of identification in the work of Freud, Ferenczi, and Abraham: a review and commentary. Compton A. **Psychoanal Q** 1985 Apr;54(2):200-33

Psychoanalysis, psychoanalysis appropriated, psychoanalysis applied. Reed GS. **Psychoanal Q** 1985 Apr;54(2):234-69

Progression, regression, and child analytic technique. Silverman MA. **Psychoanal Q** 1985 Jan;54(1):1-19

Countertransference and the myth of the perfectly analyzed analyst. Silverman MA. **Psychoanal Q** 1985 Apr; 54(2):175-99

'Surrogate refusal': the patient's resistance to the analyst as parent substitute. Gorkin M. **Psychoanal Rev** 1984 Nov; 71(3):383-95

On silence. Kurtz SA. **Psychoanal Rev** 1984 Sep;71(2):227-45

Dynamics and problems in the treatment of the 'oedipal winner'. Lasky R. **Psychoanal Rev** 1984 Nov;71(3):351-74

The use of humor in psychotherapy. Sands S. **Psychoanal Rev** 1984 Nov;71(3):441-60

Failure in the treatment of a psychotic mother and child: aspects of transference and resistance. Schwartz C. **Psychoanal Rev** 1984 Nov;71(3):397-411

Short-term dynamic psychotherapy. II. Prognostic value of characteristics of patients studied by a 2-year follow-up of 39 neurotic patients. Husby R, et al. **Psychother Psychosom** 1985;43(1):8-16

Short-term dynamic psychotherapy. I. The Oslo group's form to score outcome, the reliability testing of this form and observer characteristics. Husby R, et al. **Psychother Psychosom** 1985;43(1):1-7

Short-term dynamic psychotherapy. V. Global assessment scale as an instrument for description and measurement of changes for 33 neurotic patients. Husby R. **Psychother Psychosom** 1985;43(1):28-31

Short-term dynamic psychotherapy. IV. Comparison of recorded changes in 33 neurotic patients 2 and 5 years after end of treatment. Husby R. **Psychother Psychosom** 1985; 43(1):23-7

Short-term dynamic psychotherapy. III. A 5-year follow-up of 36 neurotic patients. Husby R. **Psychother Psychosom** 1985;43(1):17-22

A perspective on the psychotherapy of schizophrenia project. Carpenter WT Jr. **Schizophr Bull** 1984;10(4):599-603

O tempora, O mores: directions in research on the psychotherapeutic treatment of schizophrenia. Docherty JP. **Schizophr Bull** 1984;10(4):621-3

Effects of psychotherapy in schizophrenia: II. Comparative outcome of two forms of treatment. Gunderson JG, et al. **Schizophr Bull** 1984;10(4):564-98

The fear of reducing medication, and where have all the patients gone? Karon BP. **Schizophr Bull** 1984;10(4):613-7

Ideology and science in the individual psychotherapy of schizophrenia. Klerman GL. **Schizophr Bull** 1984; 10(4):608-12

A step forward in research on psychotherapy of schizophrenia. May PR. **Schizophr Bull** 1984;10(4):604-7

Psychotherapy in schizophrenia: the end of the pioneers' period. Müller C. **Schizophr Bull** 1984;10(4):618-20

Effects of psychotherapy in schizophrenia: I. Design and implementation of a controlled study. Stanton AH, et al. **Schizophr Bull** 1984;10(4):520-63

The lengthening hour: time and the demise of psychoanalysis as therapy. Starkey KP. **Soc Sci Med** 1985;20(9):939-43

[Several aspects of play in the psychotherapy of the child] Rod AL, et al. **Psychiatr Enfant** 1985;28(1):135-60 **(Fre)**

[The function of bias in psychiatry] Knoll M. **Nervenarzt** 1984 Nov;55(11):574-81 **(Ger)**

[Dreams in the treatment of children and adolescents with preoedipal disorders] Hopf HH. **Prax Kinderpsychol Kinderpsychiatr** 1985 May-Jun; 34(4):154-60 (Eng. Abstr.) **(Ger)**

[Role of the psychoanalyst in the healing process. On the theory of therapy] Adler H. **Psyche (Stuttg)** 1984 Nov; 38(11):993-1022 (Eng. Abstr.) **(Ger)**

[Significance of the basic principle for the psychoanalytic method] Argelander H. **Psyche (Stuttg)** 1985 Jan; 39(1):12-22 (Eng. Abstr.) **(Ger)**

[The psychoanalytic rule of abstinence. From rule-bound to operational application] Cremerius J. **Psyche (Stuttg)** 1984 Sep;38(9):669-800 (Eng. Abstr.) **(Ger)**

[Convergence of linguistic and psychoanalytic text studies. Exemplified by a case report from the Balint group] Gutwinski-Jeggle J, et al. **Psyche (Stuttg)** 1985 Jan; 39(1):23-43 (Eng. Abstr.) **(Ger)**

[The analyst as detective, the detective as analyst] Lorenzer A. **Psyche (Stuttg)** 1985 Jan;39(1):1-11 (Eng. Abstr.) **(Ger)**

[Compulsion in the service of self-preservation] Quint H. **Psyche (Stuttg)** 1984 Aug;38(8):717-37 (Eng. Abstr.) **(Ger)**

[Prognosis of treatment success in directed dynamic group psychotherapy] Göth N. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Dec; 36(12):727-32 (Eng. Abstr.) **(Ger)**

[Social psychology in depth psychology and analytic psychotherapy] Enke H, et al. **Psychother Psychosom Med Psychol** 1985 Jul;35(7):171-5 (Eng. Abstr.) **(Ger)**

[Psychoanalytic interactional therapy] Heigl-Evers A, et al. **Psychother Psychosom Med Psychol** 1985 Jul;35(7):176-82 (Eng. Abstr.) **(Ger)**

[Reflections on the psychoanalytic health concept] Hinrichs R. **Psychother Psychosom Med Psychol** 1984 Nov; 34(11):261-8 (Eng. Abstr.) **(Ger)**

[Thematic concordance--development of a process parameter in psychotherapy] Knebusch R. **Psychother Psychosom Med Psychol** 1985 Jan;35(1):24-31 (Eng. Abstr.) **(Ger)**

[Relations to schizophrenic patients at the level of the Balint group] Kraft H. **Psychother Psychosom Med Psychol** 1984 Nov;34(11):269-72 (Eng. Abstr.) **(Ger)**

[Wilhelm Reich--Arthur Janov--a comparison of their work] Sprengler M. **Z Klin Psychol Psychopathol Psychother** 1984;32(3):234-47 (Eng. Abstr.) **(Ger)**

[Therapeutic problems in chronic suicidal patients] Bron B. **Z Psychosom Med Psychoanal** 1985;31(1):32-47 (Eng. Abstr.) **(Ger)**

[The therapeutic process in a patient with anorexia nervosa] Brüggemann L. **Z Psychosom Med Psychoanal** 1985; 31(1):81-94 (Eng. Abstr.) **(Ger)**

[Anamnesis as drama--the first sentences] Friedrich H. **Z Psychosom Med Psychoanal** 1984;30(4):314-22 (Eng. Abstr.) **(Ger)**

[Time and the psyche. On the genesis and dynamics of subjective time perception] Hinrichs R. **Z Psychosom Med Psychoanal** 1984;30(4):342-56 (Eng. Abstr.) **(Ger)**

[Aspects of the preliminary psychotherapeutic phase before analytic treatment of psychosomatically ill patients] Köndgen R. **Z Psychosom Med Psychoanal** 1984; 30(4):377-85 (Eng. Abstr.) **(Ger)**

[The pathology of susceptibility to hurt feelings] Kraemer HP. **Z Psychosom Med Psychoanal** 1984;30(4):323-41 (Eng. Abstr.) **(Ger)**

[Psychodynamics of the wish for a penis prosthesis] Rentrop E. **Z Psychosom Med Psychoanal** 1984;30(4):386-93 (Eng. Abstr.) **(Ger)**

[Diagnostic judgment in psychoanalysis. A name for a subject or the result of communication processes?] Streeck U. **Z Psychosom Med Psychoanal** 1984;30(4):303-13 (Eng. Abstr.) **(Ger)**

[Fluctuations in the 'evenly hovering attention' and their therapeutic processing] Thomä H, et al. **Z Psychosom Med Psychoanal** 1984;30(3):232-7 (Eng. Abstr.) **(Ger)**

PSYCHODIDAE

[Sensitivity of sandflies (Diptera, Psychodidae, Phlebotominae) to DDT in a focus of visceral leishmaniasis in the Azerbaijan SSR] Artem'ev MM, et al. **Med Parazitol (Mosk)** 1984 Nov–Dec;(6):72–4 (Eng. Abstr.) **(Rus)**

[Evaluation of the effectiveness of manual dusting of the burrows of the great gerbil in controlling burrow sandflies (Phlebotominae)] Zherikhina II, et al. **Med Parazitol (Mosk)** 1984 Jul–Aug;(4):41–6 (Eng. Abstr.) **(Rus)**

[Ecology of Lutzomyia longipalpis (Lutz & Neiva, 1912) and possibilities of the existence of visceral leishmaniasis in Costa Rica] Zeledón R, et al. **Mem Inst Oswaldo Cruz** 1984 Oct–Dec;79(4):455–9 (Eng. Abstr.) **(Spa)**

ANATOMY & HISTOLOGY

Depth of penetration of mammalian skin by sandflies [letter] Lewis DJ. **Trans R Soc Trop Med Hyg** 1985;79(3):423–4

GENETICS

The karyotype of Phlebotomus perniciosus with some observations on cytogenetics of Phlebotominae in relation to the other Psychodidae. Troiano G. **Parassitologia** 1982 Dec;24(2–3):231–6

IMMUNOLOGY

Occupational asthma caused by sewer flies. Gold BL, et al. **Am Rev Respir Dis** 1985 Jun;131(6):949–52

MICROBIOLOGY

Studies on the biology of phleboviruses in sand flies (Diptera: Psychodidae). I. Experimental infection of the vector. Tesh RB, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):1007–16

Carajas and Maraba viruses, two new vesiculoviruses isolated from phlebotomine sand flies in Brazil. Travassos da Rosa AP, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):999–1006

PARASITOLOGY

Natural infections with promastigotes in man–biting species of sand flies in leishmaniasis–endemic areas of Ecuador. Hashiguchi Y, et al. **Am J Trop Med Hyg** 1985 May;34(3):440–6

Development of infective stage Leishmania promastigotes within phlebotomine sand flies. Sacks DL, et al. **Am J Trop Med Hyg** 1985 May;34(3):456–9

Leishmania infections in Lutzomyia longipalpis (Diptera:Psychodidae) on the island of São Luis, Maranhão State, Brazil. Ryan L, et al. **Mem Inst Oswaldo Cruz** 1984 Jul–Sep;79(3):383–4

Natural hosts of Leishmania mexicana amazonensis Lainson and Shaw, 1972 (Kinetoplastida: Trypanosomatidae) in French Guiana. Dedet JP, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):302–5

Leishmaniasis in Brazil. XXI. Visceral leishmaniasis in the Amazon Region and further observations on the role of Lutzomyia longipalpis (Lutz & Neiva, 1912) as the vector. Lainson R, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):223–6

Leishmaniasis in Bolivia. I. Lutzomyia longipalpis (Lutz & Neiva, 1912) as the vector of visceral leishmaniasis in Los Yungas. Le Pont F, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):227–31

A new record of Sergentomyia garnhami (Heisch, Guggisberg and Teesdale, 1956) in Kenya [letter] Mutinga MJ, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):137–8

[The presence of Adelina riouxi Levine, 1977 (Coccidia–adeleidae) in continental France] Rioux JA, et al. **Ann Parasitol Hum Comp** 1984;59(6):635 **(Fre)**

[Infection of Lutzomyia evandroi (Diptera:Psychodidae) by Ascocystis chagasi (Adler & Mayrink, 1961) in the State of Maranhão] Brazil RP, et al. **Mem Inst Oswaldo Cruz** 1984 Jul–Sep;79(3):375–6 (Eng. Abstr.) **(Por)**

[Natural infection of Lutzomyia intermedia Lutz & Neiva, 1912, in an endemic area of visceral leishmaniasis of Rio de Janeiro] Rangel EF, et al. **Mem Inst Oswaldo Cruz** 1984 Jul–Sep;79(3):395–6 (Eng. Abstr.) **(Por)**

[Experimental transmission of Leishmania garnhami to the hamster by the bite of Lutzomyia townsendi] Scorza JV, et al. **Rev Cubana Med Trop** 1984 May–Aug;36(2):139–45 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Bloodmeals of phlebotomine sandflies of Surat district (Gujarat state) India. Pandya AP. **Indian J Med Res** 1985 Jan;81:46–8

The laboratory biology of the sand fly Lutzomyia anthophora (Diptera: Psychodidae). Endris RG, et al. **J Med Entomol** 1984 Nov 29;21(6):656–64

Follicular development and parity in phlebotomine sand flies (Diptera: Psychodidae). Magnarelli LA, et al. **J Med Entomol** 1984 Nov 29;21(6):681–9

Biting periodicities of nulliparous and parous females of Psychodopygus wellcomei [letter] Wilkes TJ, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):846–7

PSYCHODRAMA

see related
ACTING OUT

Role–played and hypnotically induced simulation of psychopathology on the MMPI: a partial replication. Lundy RM, et al. **Int J Clin Exp Hypn** 1985 Oct;33(4):302–9

Multiple personality: a social psychological perspective. Spanos NP, et al. **J Abnorm Psychol** 1985 Aug;94(3):362–76

Teaching home safety and survival skills to latch–key children: a comparison of two manuals and methods. Peterson L. **J Appl Behav Anal** 1984 Fall;17(3):279–93

Role–playing techniques: the differential effect of behavior simulation interventions of the readiness to inflict pain. Kipper DA, et al. **J Clin Psychol** 1984 Jul;40(4):936–41

Glaucoma and cataracts: a nurse–patient simulation for nursing students. Reichman SL, et al. **J Nurs Educ** 1984 Sep;23(7):314–5

[Sociodrama in large therapeutic groups] Pražić B. **Lijec Vjesn** 1985 May;107(5):211–6 (Eng. Abstr.) **(Scr)**

[Parameters and frames in psychodrama] Aisenson Kogan A. **Acta Psiquiatr Psicol Am Lat** 1984 Dec;30(4):287–91 (Eng. Abstr.) **(Spa)**

EDUCATION

Jungian typology of prospective psychodramatists: Myers–Briggs Type Indicator analysis of applicants for psychodrama training. Buchanan DR, et al. **Psychol Rep** 1984 Oct;55(2):599–606

METHODS

Boundaries or chaos: an outpatient psychodrama group for adolescents. Holmes P. **J Adolesc** 1984 Dec;7(4):387–400

[Use of drama concepts in psychotherapy. Course of events and turning point as manifestations of the unconscious] Schmidt P, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Oct;36(10):591–5 (Eng. Abstr.) **(Ger)**

PSYCHOGENETICS see **GENETICS, BEHAVIORAL**

PSYCHOGERIATRICS see **GERIATRIC PSYCHIATRY**

PSYCHOLINGUISTICS

see related
LANGUAGE DEVELOPMENT

PSYCHOLOGICAL TESTS

A Sexual Functioning Scale in multiple sclerosis. Szasz G, et al. **Acta Neurol Scand [Suppl]** 1984;101:37–43

Reliability and validity of two tests for non–verbal memory. d'Elia G, et al. **Acta Psychiatr Scand** 1985 Jul;72(1):29–37

Is there a short–cut? An investigation into the life event interview. Miller PM, et al. **Acta Psychiatr Scand** 1984 Nov;70(5):417–27

Psychologic tests in the evaluation of psychic changes after myelography with metrizamide. Cronqvist SE, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(4):257–60

Screening for anorexia and bulimia nervosa in a college population: problems and limitations. Carter PI, et al. **Addict Behav** 1984;9(4):417–9

The development of a restrained drinking scale: a test of the abstinence violation effect among alcohol users. Ruderman AJ, et al. **Addict Behav** 1984;9(4):365–71

Spatial perception testing in diagnostic radiology. Smoker WR, et al. **AJR** 1984 Nov;143(5):1105–9

Primary affective disorder, drug abuse, and neuropsychological impairment in sober alcoholics. Clark DC, et al. **Alcoholism (NY)** 1984 Jul–Aug;8(4):399–404

Neuropsychological differences between male familial and nonfamilial alcoholics and nonalcoholics. Schaeffer KW, et al. **Alcoholism (NY)** 1984 Jul–Aug;8(4):347–51

Measurement of adolescents' life events: the junior high life experiences survey. Swearingen EM, et al. **Am J Community Psychol** 1985 Feb;13(1):69–85

Use of the Michigan Alcoholism Screening Test in a prison hospital. Swett C Jr. **Am J Drug Alcohol Abuse** 1984;10(4):563–9

Use of the mental function index in older adults. Reliability, validity, and measurement of change over time. Pfeffer RI, et al. **Am J Epidemiol** 1984 Dec;120(6):922–35

Psychometric characteristics of the aberrant behavior checklist. Aman MG, et al. **Am J Ment Defic** 1985 Mar;89(5):492–502

The aberrant behavior checklist: a behavior rating scale for the assessment of treatment effects. Aman MG, et al. **Am J Ment Defic** 1985 Mar;89(5):485–91

Comparison of three measures of adaptive behavior. Heath CP, et al. **Am J Ment Defic** 1984 Sep;89(2):205–8

Internal consistency of the short–form of the Questionnaire on Resources and Stress. Salisbury CL. **Am J Ment Defic** 1985 May;89(6):610–6

An inventory to assess psychopathology of mentally retarded adults. Senatore V, et al. **Am J Ment Defic** 1985 Mar;89(5):459–66

Reliability of the Behavioral Assessment Scale of Oral Functions in Feeding. Ottenbacher K, et al. **Am J Occup Ther** 1985 Jul;39(7):436–40

Cognitive function after coronary bypass surgery: effect of decreased cerebral blood flow. Freeman AM 3d, et al. **Am J Psychiatry** 1985 Jan;142(1):110–2

Reliability and construct validity of alternate forms of the CLS Inventory. Merritt SL, et al. **ANS** 1984 Oct;7(1):78–85

A factor analytic study of the 60–item general health questionnaire in Australian community and general practice settings. Burvill PW, et al. **Aust NZ J Psychiatry** 1984 Sep;18(3):256–62

Comparative study of physical and mental incapacities among Portuguese airline pilots under and over age 60. Castelo–Branco A, et al. **Aviat Space Environ Med** 1985 Aug;56(8):752–7

Neuropsychological functioning after prolonged high altitude exposure in mountaineering. Clark CF, et al. **Aviat Space Environ Med** 1983 Mar;54(3):202–7

Assessment of agoraphobia: triple response measurement. Himadi WG, et al. **Behav Res Ther** 1985;23(3):311–23

The phenomenology of the pre–sleep state: the development of the pre–sleep arousal scale. Nicassio PM, et al. **Behav Res Ther** 1985;23(3):263–71

Questionnaire dimensions of spider phobia. Watts FN, et al. **Behav Res Ther** 1984;22(5):575–80

Self–reported physical stress reactions: first– and second–order factors. Smith JC, et al. **Biofeedback Self Regul** 1984 Jun;9(2):215–27

The Norbeck Social Support Questionnaire. Norbeck JS. **Birth Defects** 1984;20(5):45–57

Evaluation of the Personal Resource Questionnaire: a social support measure. Weinert C. **Birth Defects** 1984;20(5):59–97

The Severity of Alcohol Dependence Questionnaire (SADQ) in a sample of Irish problem drinkers. Meehan JP, et al. **Br J Addict** 1985 Mar;80(1):57–63

The Crown–Crisp Experiential Index in patients complaining of tinnitus. Stephens SD, et al. **Br J Audiol** 1985 May;19(2):151–8

Self–report measures of depression: some psychometric considerations. Boyle GJ. **Br J Clin Psychol** 1985 Feb;24 (Pt 1):45–59

The specificity of the Eating Disorder Inventory. Cooper Z, et al. **Br J Clin Psychol** 1985 May;24 (Pt 2):129–30

The concurrent validity of the survey version of the Clifton Assessment Procedures for the Elderly (CAPE). McPherson FM, et al. **Br J Clin Psychol** 1985 May;24 (Pt 2):83–91

The Golombok–Rust Inventory of Sexual Satisfaction (GRISS). Rust J, et al. **Br J Clin Psychol** 1985 Feb;24 (Pt 1):63–4

The validity of a short form of the Coopersmith Self Esteem Inventory. Gibbs J, et al. **Br J Educ Psychol** 1985 Feb;55 (Pt 1):76–80

Confusions in defining 'A–B' personality type: a rejoinder to Jenkins & Zyzanski. Ray JJ. **Br J Med Psychol** 1984 Dec;57 (Pt 4):385

The relationship between scores on Ryle's Marital Patterns Test and independent ratings of marital quality. Birtchnell J. **Br J Psychiatry** 1985 Jun;146:638–44

A comparative validation of the Foulds and Bedford hierarchy of psychiatric symptomatology. Morey LC. **Br J Psychiatry** 1985 Apr;146:424–8

Scales to assess the therapeutic alliance from a psychoanalytic perspective. Allen JG, et al. **Bull Menninger Clin** 1984 Sep;48(5):383–400

The feedback process in diagnostic psychological testing. Berg M. **Bull Menninger Clin** 1985 Jan;49(1):52–69

Achievement of infants on items of the Griffiths scales: 1980 compared with 1950. Hanson R, et al. **Child Care Health Dev** 1985 Mar–Apr;11(2):91–104

The pictorial scale of perceived competence and social acceptance for young children. Harter S, et al. **Child Dev** 1984 Dec;55(6):1969–82

Clinical assessment of maladjusted preschool children. Plenk AM, et al. **Child Welfare** 1985 Mar–Apr;64(2):127–34

Psychological assessment in general orthopaedic practice. Gray IC, et al. **Clin Orthop** 1985 Apr;(194):258–63

The diagnostic value of the neurodevelopmental examination. Farber JM, et al. **Clin Pediatr (Phila)** 1985 Jul;24(7):367–72

Usefulness of two psychometric scales in Swedish patients with severe dental fear. Berggren U, et al. **Community Dent Oral Epidemiol** 1985 Apr;13(2):70–4

Dimensionality of dental anxiety measurements. Schuurs AH, et al. **Community Dent Oral Epidemiol** 1985 Jun;13(3):152–5

Psychometric characteristics of the Bakal Headache Assessment Questionnaire. Penzien DB, et al. **Headache** 1985 Jan;25(1):55–8

Automating the expertise of the neuropsychologist. Adams KM, et al. **Henry Ford Hosp Med J** 1984;32(3):182–7

An ordinal functional assessment tool for Alzheimer's–type dementia. Reisberg B, et al. **Hosp Community Psychiatry** 1985 Jun;36(6):593–5

Development of a drug and alcohol information survey. Gough HG. **Int J Addict** 1985 Apr;20(4):519–26

Screening drug abuse clients with the brief symptom inventory. Royse D, et al. **Int J Addict** 1984 Dec;19(8):849–57

German norms for the Harvard Group Scale of Hypnotic Susceptibility, Form A. Bongartz W. **Int J Clin Exp Hypn** 1985 Apr;33(2):131–9

Estimates of hypnotizability: standard group scale versus subjective impression in clinical populations. Jupp JJ, et al. **Int J Clin Exp Hypn** 1985 Apr;33(2):140–9

The Stroop color–word test: indicator of dementia severity. Koss E, et al. **Int J Neurosci** 1984 Aug;24(1):53–61

The profile elevation scale and the impairment scale: two new summary scales for the Luria–Nebraska Neuropsychological Battery. Sawicki RF, et al. **Int J Neurosci** 1984 Apr;23(2):81–9

Performance of disturbed hyperactive and nonhyperactive children on an objective measure of hyperactivity. McClure FD, et al. **J Abnorm Child Psychol** 1984 Dec;12(4):561–71

Home environment questionnaire. Sines JO, et al. **J Abnorm Child Psychol** 1984 Dec;12(4):519–29

Assessing cognitive functioning of the elderly with the 'Inventory of Piaget's Developmental Tasks'. McCurren CA, et al. **J Adv Nurs** 1984 Sep;9(5):449–56

Inter-rater reliability of the Italian version of the Paykel Scale of stressful life events. Baratta S, et al. **J Affective Disord** 1985 May–Jun;8(3):279–82

Brief report: validation of the autism reinforcer checklist for children. Atkinson RP, et al. **J Autism Dev Disord** 1984 Dec;14(4):429–33

Brief report: replicability of factors in children's report of parent behavior (CRPBI) among orthopedically disabled and nondisabled adolescents. Harper DC. **J Autism Dev Disord** 1984 Dec;14(4):435–8

Development of a patient measure of satisfaction with the dentist: the Dental Visit Satisfaction Scale. Corah NL, et al. **J Behav Med** 1984 Dec;7(4):367–73

An Autonomic Nervous System Response Inventory (ANSRI): scaling, reliability, and cross-validation. Waters WF, et al. **J Behav Med** 1984 Sep;7(3):315–41

An investigation of two self-report measures of obsessional phenomena in obsessive-compulsive adolescents: research note. Clark DA, et al. **J Child Psychol Psychiatry** 1985 May;26(3):429–37

Florida Kindergarten Screening Battery. Gates RD. **J Clin Neuropsychol** 1984 Nov;6(4):459–65

Internal consistencies of the original and revised Beck Depression Inventory. Beck AT, et al. **J Clin Psychol** 1984 Nov;40(6):1365–7

The measurement of depression: enhancing the predictive validity of the Beck Depression Inventory. Burkhart BR, et al. **J Clin Psychol** 1984 Nov;40(6):1368–72

A factorial analysis of BDI scores. Campbell IM, et al. **J Clin Psychol** 1984 Jul;40(4):992–6

The Irrational Beliefs Test: its relationship with cognitive-behavioral traits and depression. Cash TF. **J Clin Psychol** 1984 Nov;40(6):1399–405

Reliability and validity of the Chinese Depression Adjective Check Lists. Chu CR, et al. **J Clin Psychol** 1984 Nov;40(6):1409–13

A psychometric investigation of the Multidimensional Health Locus of Control Scales with cigarette smokers. Coelho RJ. **J Clin Psychol** 1985 May;41(3):372–6

Reliability and validity of the Primary/Secondary Alcoholism Classification Questionnaire and the Hk/MBD Childhood Symptoms Checklist. De Obaldia R, et al. **J Clin Psychol** 1984 Sep;40(5):1257–63

Living with cancer: the Cancer Inventory of Problem Situations. Heinrich RL, et al. **J Clin Psychol** 1984 Jul;40(4):972–80

The effects of depression upon responses to the California Psychological Inventory. Holliman NB, et al. **J Clin Psychol** 1984 Nov;40(6):1373–8

Performance of bilingual subjects on Spanish and English versions of the Depression Adjective Check Lists. Lubin B, et al. **J Clin Psychol** 1985 Mar;41(2):218–9

Depression Adjective Check Lists: Spanish, Hebrew, Chinese and English versions. Lubin B, et al. **J Clin Psychol** 1985 Mar;41(2):213–7

The Combat Exposure Scale: a systematic assessment of trauma in the Vietnam War. Lund M, et al. **J Clin Psychol** 1984 Nov;40(6):1323–8

The concurrent and construct validity of the MacAndrew Alcoholism Scale among at-risk adolescent males. Moore RH. **J Clin Psychol** 1984 Sep;40(5):1264–9

Factor structure of the Profile of Mood States (POMS): two partial replications. Norcross JC, et al. **J Clin Psychol** 1984 Sep;40(5):1270–7

The Child Abuse Potential Inventory: a study of concurrent validity. Pruitt DL, et al. **J Clin Psychol** 1985 Jan;41(1):104–11

Use of the SADS diagnostic interview in evaluating legal insanity. Rogers R, et al. **J Clin Psychol** 1984 Nov;40(6):1537–41

Naive versus sophisticated item-writers for the assessment of anxiety. Sharpley CF, et al. **J Clin Psychol** 1985 Jan;41(1):58–62

Factorial structure of the aftermath of suicide instrument. Spence ND, et al. **J Clin Psychol** 1984 Nov;40(6):1426–30

Self-report screening measures for depression in chronic pain patients. Turner JA, et al. **J Clin Psychol** 1984 Jul;40(4):909–13

Psychological Screening Inventory: a comprehensive review. Vieweg BW, et al. **J Clin Psychol** 1984 Nov;40(6):1382–93

Psychological performance of anxious patients in tests used in anxiolytic drug trials. Zimmermann-Tansella C. **J Clin Psychol** 1984 Sep;40(5):1143–50

Depression Self-Rating Scale: utility with child psychiatric inpatients. Asarnow JR, et al. **J Consult Clin Psychol** 1985 Aug;53(4):491–9

Scale for the assessment of reality testing: reliability, validity, and factorial invariance. Bell MD, et al. **J Consult Clin Psychol** 1985 Aug;53(4):506–11

Children's depression inventory: sex and grade norms for normal children. Finch AJ Jr, et al. **J Consult Clin Psychol** 1985 Jun;53(3):424–5

Assessment of depression in alcoholics: comment on Hesselbrock et al. Hagan LD, et al. **J Consult Clin Psychol** 1985 Feb;53(1):64–6

Comparison of procedures for the assessment of psychopathy. Hare RD. **J Consult Clin Psychol** 1985 Feb;53(1):7–16

Sexual experiences survey: reliability and validity. Koss MP, et al. **J Consult Clin Psychol** 1985 Jun;53(3):422–3

Behavioral effects of tricyclic drugs in depressed inpatients. Lyons JS, et al. **J Consult Clin Psychol** 1985 Feb;53(1):17–24

Factor structure and correlates of ratings of inattention, hyperactivity, and antisocial behavior in a large sample of 9-year-old children from the general population. McGee R, et al. **J Consult Clin Psychol** 1985 Aug;53(4):480–90

Comparison of the validities of the Beck, Zung, and MMPI Depression Scales. Schaefer A, et al. **J Consult Clin Psychol** 1985 Jun;53(3):415–8

Psychodiagnostic testing of sex offenders: a comparative study. Bonheur HH. **J Forensic Sci** 1983 Jan;28(1):49–60

A structural integration of the Affect Balance Scale and the Life Satisfaction Index A. Liang J. **J Gerontol** 1985 Sep;40(5):552–61

Incidence and implications of alexithymia in chronic pain patients. Catchlove RF, et al. **J Nerv Ment Dis** 1985 Apr;173(4):246–8

Irrational ideas. Older vs. younger inpatients. Hyer LA, et al. **J Nerv Ment Dis** 1985 Apr;173(4):232–5

Levels of cognitive functioning: evaluation of interrater reliability. Dowling GA. **J Neurosurg Nurs** 1985 Apr;17(2):129–34

Diagnostic uses of the Vineland Adaptive Behavior Scales. Sparrow SS, et al. **J Pediatr Psychol** 1985 Jun;10(2):215–25

Distinguishing child diagnostic types with early memories. Last JM, et al. **J Pers Assess** 1985 Apr;49(2):187–92

Psychological testing with transsexuals: a 30-year review. Lothstein LM. **J Pers Assess** 1984 Oct;48(5):500–7 (54 ref.)

Psychometric ante-natal predictors of post-natal depressed mood. Bridge LR, et al. **J Psychosom Res** 1985;29(3):325–31

Nature of questionnaire options affects estimates of alcohol intake. Poikolainen K, et al. **J Stud Alcohol** 1985 May;46(3):219–22

Development of the Infant Tenderness Scale. Blank DM. **Nurs Res** 1985 Jul–Aug;34(4):211–6

Eating attitudes tests [letter] Wells JE. **NZ Med J** 1985 Jul 10;98(782):555

The McGill Pain Questionnaire in the assessment of phasic and tonic experimental pain: behavioral evaluation of the 'pain inhibiting pain' effect. Chen AC, et al. **Pain** 1985 May;22(1):67–79

Compensation, pain complaints, and psychological disturbance. Mendelson G. **Pain** 1984 Oct;20(2):169–77

Cross-validation of the Back Pain Classification Scale with chronic, intractable pain patients. Sanders SH. **Pain** 1985 Jul;22(3):271–7

An evaluation of length and end-phrase of visual analogue scales in dental pain. Seymour RA, et al. **Pain** 1985 Feb;21(2):177–85

A study of psychophysical scaling in chronic pain patients. Urban BJ, et al. **Pain** 1984 Oct;20(2):157–68

Multiple definitions of reading disability: implications for preschool screening. Colligan RC, et al. **Percept Mot Skills** 1984 Oct;59(2):467–75

Use of the NCA-modified assessment with a population of intoxicated drivers. Gurnack AM. **Percept Mot Skills** 1984 Aug;59(1):287–98

Multifactorial assessment of reading disability: identifying the best predictors. Kerns K, et al. **Percept Mot Skills** 1985 Jun;60(3):747–53

The Goodenough-Harris Drawing Test as a measure of field-dependence/independence. Saracho ON. **Percept Mot Skills** 1984 Dec;59(3):887–92

Developmental screening. Frankenburg WK. **Primary Care** 1984 Sep;11(3):535–47

Depressive symptoms, major depression, and generalized anxiety: a comparison of self-reports on CES-D and results from diagnostic interviews. Breslau N. **Psychiatry Res** 1985 Jul;15(3):219–29

A hostility measure for use in family contexts. Gift TE, et al. **Psychiatry Res** 1985 Jul;15(3):205–10

Effects of deficient reporting on meta-analysis: a conceptual framework and reanalysis. Orwin RG, et al. **Psychol Bull** 1985 Jan;97(1):134–47

Nonparametric one-way multivariate analysis of variance: a computational approach based on the Pillai-Bartlett trace. Zwick R. **Psychol Bull** 1985 Jan;97(1):148–52

The Chinese version of the General Health Questionnaire: does language make a difference? Chan DW. **Psychol Med** 1985 Feb;15(1):147–55

Validation of the Italian version of the GHQ in a general practice setting. Fontanesi F, et al. **Psychol Med** 1985 May;15(2):411–5

Measuring the burden of psychiatric illness on the family: an evaluation of some rating scales. Platt S. **Psychol Med** 1985 May;15(2):383–93

The factor structure of the Eating Attitudes Test with adolescent schoolgirls. Wells JE, et al. **Psychol Med** 1985 Feb;15(1):141–6

Causal attributions of depression: reliability of the 'Causal Dimension Scale' in research on clinical inference. Abraham IL. **Psychol Rep** 1985 Apr;56(2):415–8

Recording psychological testing: the Psychological Testing Report Form. Croake JW. **Psychol Rep** 1985 Feb;56(1):171–5

Attitudes toward clinical assessment by members of the AABT. Piotrowski C, et al. **Psychol Rep** 1984 Dec;55(3):813–8

Assessment of memory loss. Albert M. **Psychosomatics** 1984 Dec;25(12 Suppl):18–22

Psychological and cognitive characteristics of vegetarians. Cooper C, et al. **Psychosomatics** 1985 Jun;26(6):521–3, 526–7

Short-term dynamic psychotherapy. V. Global assessment scale as an instrument for description and measurement of changes for 33 neurotic patients. Husby R. **Psychother Psychosom** 1985;43(1):28–31

Short-term dynamic psychotherapy. I. The Oslo group's form to score outcome, the reliability testing of this form and observer characteristics. Husby R, et al. **Psychother Psychosom** 1985;43(1):1–7

Detection, assessment, and diagnosis of alcoholism. Current techniques. Jacobson GR. **Recent Dev Alcohol** 1983;1:377–413 (117 ref.)

An approach to modifying self-report instruments. Holm K, et al. **Res Nurs Health** 1985 Mar;8(1):13–8

Behavioural and endocrine reactions in boys scoring high on Sennton neurotic scale viewing an exciting and partly violent movie and the importance of social support. Arnetz BB, et al. **Soc Sci Med** 1985;20(7):731–6

A scale to measure physician beliefs about psychosocial aspects of patient care. Ashworth CD, et al. **Soc Sci Med** 1984;19(11):1235–8

[A sexual attitude test] Mellan J. **Cas Lek Cesk** 1985 May 17;124(20):631–4 (Eng. Abstr.) **(Cze)**

[Expectation index in Raven's PM in the diagnosis of alcoholics] Musil JV. **Cesk Psychiatr** 1985 Feb;81(1):20–5 (Eng. Abstr.) **(Cze)**

[Chronic toxic encephalopathy following occupational exposure to organic solvents. The course after cessation of exposure illustrated by a neurophysiological follow-up study] Jensen PB, et al. **Ugeskr Laeger** 1984 Apr 30;146(18):1387–90 (Eng. Abstr.) **(Dan)**

[Converging trends in schizophrenia research] van den Bosch RJ. **Ned Tijdschr Geneeskd** 1985 Jun 22;129(25):1179–82 **(Dut)**

[Child development examinations in well-child clinics for infants and young children] Schlesinger-Was EA. **Tijdschr Kindergeneeskd** 1985 Jun;53(3):105–13 (Eng. Abstr.) **(Dut)**

[Cerebral atrophy diagnosed by computer tomography compared with the 'memory output profile' (MOP) in a psychiatric population] Meyers C, et al. **Acta Psychiatr Belg** 1984 Jul–Aug;84(4):353–61 (Eng. Abstr.) **(Fre)**

[Preliminary construction and validation of an anxiety scale derived from the French version of the AMDP, the AMDP-AT] Bobon D, et al. **Encephale** 1985 May–Jun;11(3):107–11 (Eng. Abstr.) **(Fre)**

[Diagnosis of the intelligence structure and ability to concentrate of children with and without brain dysfunction using Horn's achievement test] Mladek G, et al. **Arztl Jugendkd** 1984 Aug;75(4):251–9 (Eng. Abstr.) **(Ger)**

[Validity of the Eppendorf Mood-Drive Scale] Richter P, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(6):363–8 (Eng. Abstr.) **(Ger)**

[Psychopathometric cross sectional study in aged chronic schizophrenic patients] Benos J. **Fortschr Neurol Psychiatr** 1984 Jul;52(7):223–36 (Eng. Abstr.) **(Ger)**

[The myth of the lucid interval. Evaluation of testability] Rasch W, et al. **Lebensversicherungsmedizin** 1985 Jan 1;37(1):2, 4, 6–8 (Eng. Abstr.) **(Ger)**

[Predictive value of multiaxial diagnosis for the latter social adjustment of childhood encopresis patients] Geissler W. **Nervenarzt** 1985 May;56(5):275–8 **(Ger)**

[Uncharacteristic 'basic' symptoms in the Frankfurt Complaint Questionnaire and their relation to psychopathologic syndromes] Rösler M, et al. **Nervenarzt** 1985 May;56(5):259–64 **(Ger)**

[Body image of young girls and females in comparison with anorectic patients: evaluation of a measuring instrument] Steinhausen HC. **Nervenarzt** 1985 May;56(5):270–4 **(Ger)**

[Substrate near-basic disorder or nosologically ambiguous subjective cognitive disorder? Critical analysis of the Frankfurt Complaint Questionnaire by Süllwold] Teusch L. **Nervenarzt** 1985 May;56(5):265–9 **(Ger)**

[Cooperation of the public health physician and the medical psychology examination station in the evaluation of driving ability] Winkler W. **Off Gesundheitswes** 1984 Dec;46(12):611–5 **(Ger)**

[An assessment list for educators in inpatient child psychiatric treatment] Hobrücker B, et al. **Prax Kinderpsychol Kinderpsychiatr** 1985 Feb–Mar;34(2):37–44 (Eng. Abstr.) **(Ger)**

[Statements of parents about their children. Comparative study based on results of 2 questionnaires (Diagnostic Parent Questionnaire and Giessen Questionnaire for Parents in Clinical Complaints) on the development of the children and their current behavior] Günther C. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:209–41 **(Ger)**

[Development of a family evaluation questionnaire] Perinelli K. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:339–73 **(Ger)**

[Ego function rating by the specialist working alone in neurology and psychiatry] Schmidt P, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 May;37(5):284–90 (Eng. Abstr.) **(Ger)**

[Brain performance and behavior in senile dementias of the

Alzheimer type] Schubert H. **Wien Klin Wochenschr [Suppl]** 1984;150:1–48 (Eng. Abstr.) **(Ger)**

[Analysis of the Aggressive Behavior Scale in children at a counseling service and normal samples] Petermann F, et al. **Z Exp Angew Psychol** 1984;31(4):648–70 (Eng. Abstr.) **(Ger)**

[A questionnaire for the detection of psychiatric and somatic complaints in the elderly] Hautzinger M. **Z Gerontol** 1984 Jul–Aug;17(4):223–6 (Eng. Abstr.) **(Ger)**

[Detection of health complaints from the occupational psychologic viewpoint––experiences with the use of the Complaint Questionnaire in female workers] Schnabel G, et al. **Z Gesamte Hyg** 1985 Apr;31(4):209–11 (Eng. Abstr.) **(Ger)**

[The Borg Scale as an instrument for the detection of subjectively experienced stress in industrial medicine laboratory and field studies] Siegl P, et al. **Z Gesamte Hyg** 1984 Jul;30(7):383–6 (Eng. Abstr.) **(Ger)**

[Development of a questionnaire for problem solving] König F, et al. **Z Klin Psychol Psychopathol Psychother** 1985; 33(1):5–19 (Eng. Abstr.) **(Ger)**

[Usefulness of the S–S–G, a questionnaire for measuring attitude to pregnancy, sexuality and birth] Thormann K, et al. **Zentralbl Gynakol** 1984;106(19):1314–24 (Eng. Abstr.) **(Ger)**

[Evaluation of social activity in aging using the Leningrad Assessment Scale] Pöthig D, et al. **ZFA** 1985 Jan–Feb; 40(1):57–63 (Eng. Abstr.) **(Ger)**

[Proposal for evaluating the psychological effects of exposure to non-ionizing radiation in the work environment] Antoniazzi D, et al. **G Ital Med Lav** 1983 Jul;5(4):181–6 (Eng. Abstr.) **(Ita)**

[Psychological profile of the spa user. Preliminary study of motivations for spa treatment] Dioguardi N, et al. **Minerva Med** 1984 Dec 15;75(47–48):2793–8 (Eng. Abstr.) **(Ita)**

[Spontaneous speech disturbances in so called transcortical motor aphasia––comparison of 3 cases with the different lesion sites] Enokido H, et al. **No To Shinkei** 1984 Sep; 36(9):895–902 (Eng. Abstr.) **(Jpn)**

[Work curve characteristics of preschool children by Uchida–Kraepelin psychodiagnostic test] Takimoto T, et al. **Shinrigaku Kenkyu** 1984 Dec;55(5):307–10 (Eng. Abstr.) **(Jpn)**

[Analysis of the frequency changes in the neuronal discharges of the human brain in the course of the V one-time performance of psychological tests] Gogolitsyn IuL, et al. **Fiziol Cheloveka** 1984 Sep–Oct;10(5):796–812 **(Rus)**

[A new psychophysiologic test, 'The Information Test', and its possible use in cardiology] Sidorenko GI, et al. **Kardiologiia** 1984 Aug;24(8):63–7 (Eng. Abstr.) **(Rus)**

[The operational aspect of thought in psychopathology. Analytic factors and classification of technics] Khersonskiĭ BG. **Zh Nevropatol Psikhiatr** 1984;84(12):1832–8 (Eng. Abstr.) **(Rus)**

CLASSIFICATION

A classification of object and environmental spatial tests. Eliot J. **Percept Mot Skills** 1984 Aug;59(1):171–4

INSTRUMENTATION

Developmental assessment: 18 months to 4 1/2 years. The Bus Puzzle Test. Egan DF, et al. **Child Care Health Dev** 1984 May–Jun;10(3):162–79

[Use of the labyrinth test in gerontologic functional diagnosis] Pöthig D, et al. **ZFA** 1985 Jan–Feb;40(1):23–8 (Eng. Abstr.) **(Ger)**

METHODS

Monitoring the subjective well-being of chronically ill patients over time. Gill WM. **Community Health Stud** 1984; 8(3):288–96

The use of microcomputers for psychological assessment of physically disabled adults. Wylie GA, et al. **J Med Eng Technol** 1984 Sep–Oct;8(5):224–9

Development of a tool for diagnosing changes in concern about exercise: a means of enhancing compliance. Jordan–Marsh M. **Nurs Res** 1985 Mar–Apr;34(2):103–7

[Diagnostic significance of psychoemotional loading tests in patients with ischemic heart disease] Revenko VN. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1984;7(2):95–6 **(Rus)**

[Use of a psychoemotional stress test in ischemic heart disease, hypertension and heart rhythm disorders] Zakharov VN, et al. **Kardiologiia** 1985 May;25(5):26–9 (Eng. Abstr.) **(Rus)**

STANDARDS

Diagnostic checklist Form E2: a reply to Parks [letter] Rimland B. **J Autism Dev Disord** 1984 Sep;14(3):343–6

Validity, reliability, and neither. Knapp TR. **Nurs Res** 1985 May–Jun;34(3):189–92

Social support and social network scales: a psychometric review. Rock DL, et al. **Res Nurs Health** 1984 Dec; 7(4):325–32

[Standardization of a scale for measuring life change events] Binder J, et al. **Soc Psychiatry** 1984;19(4):173–80 (Eng. Abstr.) **(Ger)**

PSYCHOLOGICAL THEORY

Addictive behavior and the theory of psychological reversals. Miller WR. **Addict Behav** 1985;10(2):177–80

Toward a psycho-structural theory: hypnosis and the structure of dreams. Hall JA. **Am J Clin Hypn** 1984 Jan; 26(3):159–65

A theory for timely teaching. McHatton M. **Am J Nurs** 1985 Jul;85(7):798–800

Theories of origins of male homosexuality. A cross-cultural look. Stoller RJ, et al. **Arch Gen Psychiatry** 1985 Apr; 42(4):399–404

Perceptual organization as nested control. Leyton M. **Biol Cybern** 1984;51(3):141–53

Early development of association theory in psychology as a forerunner to connection theory. Buckingham HW. **Brain Cogn** 1984 Jan;3(1):19–34 (68 ref.)

The adaptive-style theory of schizophrenic development: current research with schizophrenics. Heilbrun AB Jr. **Genet Psychol Monogr** 1984 Nov;110(2D Half):229–55 (49 ref.)

The need-informational theory of emotions. Simonov PV. **Int J Psychophysiol** 1984 Mar;1(3):277–89

Towards a theory of homosexuality: socio-historical perspectives. Dannecker M. **J Homosex** 1984 Summer; 9(4):1–8

Therapeutic implications of viewing sexual identity in terms of essentialist and constructionist theories. Hart J. **J Homosex** 1984 Summer;9(4):39–51

On the renaissance of personality assessment and personality theory. Millon T. **J Pers Assess** 1984 Oct;48(5):450–66

Record keeping in two types of relationships. Clark MS. **J Pers Soc Psychol** 1984 Sep;47(3):549–57

The motivation to breastfeed: a fit to the opponent-process theory? Myers HH, et al. **J Pers Soc Psychol** 1985 Jul; 49(1):188–93

Induction of depressed mood: a test of opponent-process theory. Ranieri DJ, et al. **J Pers Soc Psychol** 1984 Dec; 47(6):1413–22

Scientific status of psychodynamic theory––some conceptual problems: discussion paper. Farrell BA. **J R Soc Med** 1985 Jul;78(7):567–75

Sexual behavior, responsiveness, and attitudes among women: a test of two theories. Newcomb MD. **J Sex Marital Ther** 1984 Winter;10(4):272–86

Androgyny and gender schema theory: a conceptual and empirical integration. Bem SL. **Nebr Symp Motiv** 1984; 32:179–226 (69 ref.)

Evolutionary trends and evolutionary origins: relevance to theory in comparative psychology. Gottlieb G. **Psychol Rev** 1984 Oct;91(4):448–56

The role of theories in conceptual coherence. Murphy GL, et al. **Psychol Rev** 1985 Jul;92(3):289–316

The preparedness theory of phobias: the effects of initial fear level on safety-signal conditioning to fear-relevant stimuli. McNally RJ, et al. **Psychophysiology** 1984 Nov; 21(6):647–52

Image reconstruction and Gestalt formation in human spatial vision. Laurinen P, et al. **Scand J Psychol** 1984; 25(4):297–305

[Comments on the theory of psychosis] Dobrý J. **Cesk Psychiatr** 1984 Aug;80(4):252–4 (Eng. Abstr.) **(Cze)**

[Psychological theories and treatments of erectile impotence] Mormont C. **Acta Psychiatr Belg** 1985 Mar–Apr; 85(2):325–72 (54 ref.) (Eng. Abstr.) **(Fre)**

[Prolegomena to a new stage in psychiatry] Fursay–Fusswerk J. **Ann Med Psychol (Paris)** 1985 Feb;143(2):139–52 **(Fre)**

[Cases of despair in a sectoral psychiatric practice] Olivennes A. **Ann Med Psychol (Paris)** 1985 Feb;143(2):190–6 **(Fre)**

[Unexplored themes in the psychopathology of Karl Jaspers] Blankenburg W. **Nervenarzt** 1984 Sep;55(9):447–60 (151 ref.) (Eng. Abstr.) **(Ger)**

[Metapsychology is no psychology] Gill MM. **Psyche (Stuttg)** 1984 Nov;38(11):961–92 **(Ger)**

[The origin of violence in psychiatry––a contribution to double-bind rage] Knoll M. **Psychiatr Prax** 1985 Jul; 12(4):116–23 (Eng. Abstr.) **(Ger)**

[Destruction and social change] Altan CT. **Minerva Psichiatr** 1984 Jul–Sep;25(3):175–9 **(Ita)**

[Catatonia as the destructuring of space] Pelegrín Cetrán H. **Actas Luso Esp Neurol Psiquiatr** 1984 Nov–Dec; 12(6):393–403 (Eng. Abstr.) **(Spa)**

[Schizophrenia as a psychosomatic expression of mental disease. Reality of a single psychosis] Aldama de Llano JM. **Arch Neurobiol (Madr)** 1985 Mar–Apr;48(2):79–88 (Eng. Abstr.) **(Spa)**

PSYCHOLOGY

Executive summary. Final report of the APA Task Force on the Victims of Crime and Violence. **Am Psychol** 1985 Jan;40(1):107–12

Federal legislation recognizing psychology. DeLeon PH, et al. **Am Psychol** 1984 Sep;39(9):933–46

Psychology and pediatrics: prospects for cooperative efforts to promote child health [interview by Logan Wright] Green M. **Am Psychol** 1985 Aug;40(8):949–52

Psychology in United States medical schools: 1983. Thompson RJ Jr, et al. **Am Psychol** 1984 Sep;39(9):988–95

Battered women, psychology, and public policy. Walker LE. **Am Psychol** 1984 Oct;39(10):1178–82

A note on explanation and understanding in psychology. Cooper Z, et al. **Br J Med Psychol** 1985 Mar;58 (Pt 1):19–24

[Asian psychology journals in German libraries] Petzold M. **Arch Psychol (Frankf)** 1985;137(1):51–64 (Eng. Abstr.) **(Ger)**

[The psychologist, public health and preventive efforts] Mejias NP. **Rev Saude Publica** 1984 Apr;18(2):155–61 (Eng. Abstr.) **(Por)**

EDUCATION

Training professionals to record proceedings of interdisciplinary team conferences. Parrish JM, et al. **Appl Res Ment Retard** 1985;6(2):247–62

[Attitudes and beliefs of medical and psychology students with regard to treatment with psycholtropic drugs] Linden M, et al. **Fortschr Neurol Psychiatr** 1984 Oct;52(10):362–9 (Eng. Abstr.) **(Ger)**

HISTORY

Early development of association theory in psychology as a forerunner to connection theory. Buckingham HW. **Brain Cogn** 1984 Jan;3(1):19–34 (68 ref.)

Biological psychology and the Tsarist censor: the dilemma of scientific development. Todes DP. **Bull Hist Med** 1984 Winter;58(4):529–44

The complex psychology of C. G. Jung. Rogers FB. **Trans Stud Coll Physicians Phila** 1985 Jun;7(2):113–6

[Psychology and physiology in France 1800–1830] Azouvi F. **Pubbl Stn Zool Napoli** [II] 1984;6(2):151–70 **(Fre)**

[Perception psychology concepts in Wundt's theoretical thinking] Topel R. **Z Psychol** 1984;192(3):267–80 (Eng. Abstr.) **(Ger)**

STANDARDS

Psychologist heal thyself. What is available for the impaired psychologist? Laliotis DA, et al. **Am Psychol** 1985 Jan; 40(1):84–96

TRENDS

Straw men and glass houses? A reply to Churchland on Reductionism [letter] Carr TH, et al. **Neuroscience** 1984 Dec;13(4):1397–404

PSYCHOLOGY, APPLIED

Behavioral community psychology: a review of recent research and applications. Jason LA, et al. **Prog Behav Modif** 1984;18:85–121 (137 ref.)

PSYCHOLOGY, CLINICAL

Exemplar prototypes of personality disorder diagnoses. Blashfield R, et al. **Compr Psychiatry** 1985 Jan–Feb; 26(1):11–21

The psychologist's contribution to primary care: a reappraisal. Salmon P. **J R Coll Gen Pract** 1984 Apr; 34(261):190–3

MANOVA method for analyzing repeated measures designs: an extensive primer. O'Brien RG, et al. **Psychol Bull** 1985 Mar;97(2):316–33

The contribution of ethics and psychology to medicine. Bergsma J, et al. **Soc Sci Med** 1985;20(7):745–52

[The role of clinical psychology in adult psychiatry] Kubíčková N. **Cesk Psychiatr** 1985 Jun;81(3):167–70 (Eng. Abstr.) **(Cze)**

EDUCATION

Twenty years of practitioner training in psychology. Peterson DR. **Am Psychol** 1985 Apr;40(4):441–51

Interpersonal skills in behavioural psychotherapy: clinical psychology trainees' attitudes. Kowalski R. **Br J Med Psychol** 1984 Dec;57 (Pt 4):381–4

Competency mandate: a model for teaching skills in the administration of the WAIS–R. Fantuzzo JW, et al. **J Clin Psychol** 1984 Jul;40(4):1053–9

Evaluation of student performance in psychotherapy. Rosenbaum DN. **J Clin Psychol** 1984 Jul;40(4):1106–11

Psychology and a helpful form of medical practice. Bartley SH. **Percept Mot Skills** 1984 Oct;59(2):352–4

STANDARDS

[Psychological diagnosis in expert testimony] Meerzon MM. **Zh Nevropatol Psikhiatr** 1985;85(3):458–9 **(Rus)**

TRENDS

Patients of psychiatrists and psychologists in office-based practice: 1980. Taube CA, et al. **Am Psychol** 1984 Dec; 39(12):1435–47

A reassessment of clinical psychology as an applied science. Shapiro MB. **Br J Clin Psychol** 1985 Feb;24 (Pt 1):1–11

1984, clinical psychology and the public interest. Newbrough JR. **J Clin Psychol** 1984 Nov;40(6):1542–6

Pediatrics and psychology: a collaboration that works. LeBaron S, et al. **J Dev Behav Pediatr** 1985 Jun;6(3):157–61

[Clinical psychology and psychiatry] Gerstmann P. **Psychiatr Pol** 1984 Mar–Apr;18(2):153–8 (Pol)

PSYCHOLOGY, COMPARATIVE

Evolutionary trends and evolutionary origins: relevance to theory in comparative psychology. Gottlieb G. **Psychol Rev** 1984 Oct;91(4):448-56

PSYCHOLOGY, CRIMINAL see **CRIMINAL PSYCHOLOGY**

PSYCHOLOGY, EDUCATIONAL

Brain growth theory and educational psychology. Harmon DS. **Psychol Rep** 1984 Aug;55(1):59-66

[Forms of cooperation between the psychologico-pedagogic service in Městec and pediatricians in Ostrava] Březina Z. **Cesk Pediatr** 1985 Jan;40(1):45-6 **(Cze)**

METHODS

Providing school psychological services to hearing-impaired students in New Jersey. Trott LA. **Am Ann Deaf** 1984 Jun;129(3):319-23

PSYCHOLOGY, EXPERIMENTAL

On gaining acceptance: why the courts accept only reluctantly findings from experimental and social psychology. Webster CD. **Int J Law Psychiatry** 1984;7(3-4):407-14

INSTRUMENTATION

A new device for administering placebo alcohol. Mendelson JH, et al. **Alcohol** 1984 Sep-Oct;1(5):417-9

An automated apparatus for the study of visual discriminations in pigeons. Giachetti P, et al. **Behav Brain Res** 1985 May;15(3):255-8

A versatile integrated circuit activity monitor for small animals. Czech DA. **Physiol Behav** 1984 May;32(5):871-4

METHODS

A microcomputer system designed for psychological and behavioural experiments. Popplewell DA, et al. **J Neurosci Methods** 1985 May;13(3-4):295-303

PSYCHOLOGY, MEDICAL

Health psychology. Krantz DS, et al. **Annu Rev Psychol** 1985;36:349-83 (36 ref.)

The physician perspective of health psychologists in medical settings. Nethercut G, et al. **Health Psychol** 1984;3(2):175-84

A final word--editorial. Stone GC. **Health Psychol** 1984;3(6):585-9

Problems in attempts to humanize medicine. Lazarus J. **S Afr Med J** 1985 Feb 23;67(8):297-300 (60 ref.)

[Medico-Psychological Society. List of members] **Ann Med Psychol (Paris)** 1985 Jan;143(1):35-66 **(Fre)**

EDUCATION

Changing orientations of medical students to patients' care: biomedical versus biopsychosocial models. Calhoun JG, et al. **Psychol Rep** 1985 Feb;56(1):91-4

METHODS

Behavioral assessment: advancing methodology in pediatric psychology. Eyberg SM. **J Pediatr Psychol** 1985 Jun;10(2):123-39

PSYCHOLOGY, MILITARY

The USAF pilot selection and classification research program. Kantor JE, et al. **Aviat Space Environ Med** 1985 Mar;56(3):258-61

Homosexual men and women who served their country. Harry J. **J Homosex** 1984 Fall;10(1-2):117-25

CLASSIFICATION

[Psychological classification of military specialties] D'iakonov IF, et al. **Voen Med Zh** 1985 Jan;(1):46-9 **(Rus)**

PSYCHOLOGY, PASTORAL see **PASTORAL CARE**

PSYCHOLOGY, PHYSIOLOGICAL see **PSYCHOPHYSIOLOGY**

PSYCHOLOGY, SCHIZOPHRENIC see **SCHIZOPHRENIC PSYCHOLOGY**

PSYCHOLOGY, SOCIAL

see related
RACE RELATIONS

On gaining acceptance: why the courts accept only reluctantly findings from experimental and social psychology. Webster CD. **Int J Law Psychiatry** 1984;7(3-4):407-14

China. Psychosocial nursing in the People's Republic. Tousley MM. **J Psychosoc Nurs Ment Health Serv** 1985 May;23(5):28-35

PSYCHOMETRICS

The clinical utility of the dementia rating scale for assessing Alzheimer patients. Vitaliano PP, et al. **J Chronic Dis** 1984;37(9-10):743-53

'No news is bad news' [letter] Muma JR. **J Speech Hear Disord** 1985 Aug;50(3):290-4

An approach to modifying self-report instruments. Holm K, et al. **Res Nurs Health** 1985 Mar;8(1):13-8

Social support and social network scales: a psychometric review. Rock DL, et al. **Res Nurs Health** 1984 Dec;7(4):325-32

METHODS

Structured exploratory data analysis: a critique. Ashton GC. **Behav Genet** 1985 May;15(3):245-9

STANDARDS

Application of modern psychometric theory in psychiatric research. Gibbons RD, et al. **J Psychiatr Res** 1985;19(1):43-55

[A new measure of interrater reliability in individual cases preliminary to the French-speaking A.M.D.P. videotape library] von Frenckell R. **Ann Med Psychol (Paris)** 1984 Jun;142(6):898-902 **(Fre)**

PSYCHOMOTOR AGITATION

BLOOD

[Thrombophilic diatheses as hemostasis disorders in acute psychoses] Hindersin P, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Dec;36(12):702-9 (Eng. Abstr.) **(Ger)**

CHEMICALLY INDUCED

Tardive akathisia and agitated depression during metoclopramide therapy. Shearer RM, et al. **Acta Psychiatr Scand** 1984 Nov;70(5):428-31

Suicide attempts associated with akathisia. Drake RE, et al. **Am J Psychiatry** 1985 Apr;142(4):499-501

Nadolol as a treatment for akathisia. Ratey JJ, et al. **Am J Psychiatry** 1985 May;142(5):640-2

Akathisia with haloperidol and thiothixene. Van Putten T, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1036-9

Successful treatment of neuroleptic-induced akathisia with baclofen and clonazepam. A case report. Sandyk R. **Eur Neurol** 1985;24(4):286-8

Recognizing and managing akathisia. Ratey JJ, et al. **Hosp Community Psychiatry** 1984 Oct;35(10):975-7

Agitation observed during treatment with newer hypnotic drugs. Regestein QR, et al. **J Clin Psychiatry** 1985 Jul;46(7):280-3

Efficacy of propranolol in neuroleptic-induced akathesia. Adler L, et al. **J Clin Psychopharmacol** 1985 Jun;5(3):164-6

Phenelzine and the dream machine--ramblings and reflections [editorial] Shader RI, et al. **J Clin Psychopharmacol** 1985 Apr;5(2):65

Akathisia from prochlorperazine [letter] Weiden P. **JAMA** 1985 Feb 1;253(5):635

Use of clonidine in treating neuroleptic-induced akathisia. Zubenko GS, et al. **Psychiatry Res** 1984 Nov;13(3):253-9

[Psychomotor excitation caused by beta-endorphin: effect of rubidium and lithium] Beleslin DB, et al. **C R Soc Biol (Paris)** 1984;178(4):387-91 (Eng. Abstr.) **(Fre)**

[Neurological and EEG changes in acute amitriptyline poisoning] Erokhina LG, et al. **Sov Med** 1985;(4):28-33 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Agitation-increased electromyogram activity in the corrugator muscle region: a possible explanation of the 'Omega sign'? Greden JF, et al. **Am J Psychiatry** 1985 Mar;142(3):348-51

Akathisia variants and tardive dyskinesia. Barnes TR, et al. **Arch Gen Psychiatry** 1985 Sep;42(9):874-8

Akathisia and tardive dyskinesia. Changing concepts. Stahl SM. **Arch Gen Psychiatry** 1985 Sep;42(9):915-7

Restless kids [editorial] Wortis J. **Biol Psychiatry** 1984 Aug;19(8):1169-71

DRUG THERAPY

Amitriptyline for agitation in head injury. Jackson RD, et al. **Arch Phys Med Rehabil** 1985 Mar;66(3):180-1

Agitation in closed head injury: haloperidol effects on rehabilitation outcome. Rao N, et al. **Arch Phys Med Rehabil** 1985 Jan;66(1):30-4

The use of lithium in severely demented patients with behavioural disturbance [letter] Holton A, et al. **Br J Psychiatry** 1985 Jan;146:99-100

Emergency treatment of acute psychosis, agitation, and anxiety. Ellison JM. **Hosp Community Psychiatry** 1985 Apr;36(4):351-2

ETIOLOGY

[Postoperative agitation] Muller A, et al. **Cah Anesthesiol** 1982 Dec;30(8):1117-22 **(Fre)**

[Acute mental disorders in myocardial infarction] Florkiewicz H, et al. **Pol Tyg Lek** 1984 Jun 12-25;39(25-26):871-3 (Eng. Abstr.) **(Pol)**

PHYSIOPATHOLOGY

Honored guest presentation: abulia minor vs. agitated behavior. Fisher CM. **Clin Neurosurg** 1983;31:9-31

Speech timing measures of severity, psychomotor retardation, and agitation in endogenously depressed patients. Bouhuys AL, et al. **J Commun Disord** 1984 Aug;17(4):277-88

Reduced sensitivity of lymphocyte beta-adrenergic receptors in patients with endogenous depression and psychomotor agitation. Mann JJ, et al. **N Engl J Med** 1985 Sep 19;313(12):715-20

PSYCHOLOGY

Three cases of akathisia and 'acting out'. Siris SG. **J Clin Psychiatry** 1985 Sep;46(9):395-7

[Computer-assisted qualitative study of states of excitement] Marchais P, et al. **Ann Med Psychol (Paris)** 1985 Jan;143(1):74-84 **(Fre)**

PSYCHOMOTOR DISORDERS

CHEMICALLY INDUCED

Cognitive-psychomotor functions with regard to fitness for driving of psychiatric patients treated with neuroleptics and antidepressants. Gerhard U, et al. **Neuropsychobiology** 1984;12(1):39-47

Age of testing as a factor in the behavioral effects of early lead exposure in rats. Rosen JB, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):49-54

Maternal barbiturate administration and offspring response to shock. Martin JC, et al. **Psychopharmacology (Berlin)** 1985;85(2):214-20

Effects of repeated dose nitrazepam and lormetazepam on psychomotor performance in the elderly. Morgan K. **Psychopharmacology (Berlin)** 1985;86(1-2):209-11

[Motor disturbances induced by antipsychotic drug therapy] Sigal M. **Harefuah** 1984 Jul;107(1-2):20-3 **(Heb)**

[Effect of antihypertensive pharmacotherapy on the rate of information processing] Merzon AK, et al. **Klin Med (Mosk)** 1985 Mar;63(3):75-9 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Speech pause time as a method for the evaluation of psychomotor retardation in depressive illness. Hoffmann GM, et al. **Br J Psychiatry** 1985 May;146:535-8

Hypernatremic dehydration in children with severe psychomotor retardation. Listernick R, et al. **Clin Pediatr (Phila)** 1985 Aug;24(8):440-2

[Linear nevus sebaceous syndrome: report of a case and a review of the literature] Konishi T, et al. **No To Hattatsu** 1984 Sep;16(5):399-403 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

Neurodevelopmental outcome and electronic fetal heart rate monitoring in a neonatal intensive care population. Holmqvist P, et al. **Acta Obstet Gynecol Scand** 1984;63(6):527-32

Perceptual, motor and attentional deficits in seven-year-old children. Electroencephalographic aspects. Gillberg C, et al. **Acta Paedopsychiatr (Basel)** 1984 Nov;50(5):243-53

The motor quotient. A method for the early detection of motor delay. Capute AJ, et al. **Am J Dis Child** 1985 Sep;139(9):940-2

Contribution of perceptual motor dysfunction to construction and tracing disturbances in Parkinson's disease. Stern Y, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):983-9

Infantile behavioural regression and respiratory impairment. Lugaresi E, et al. **Neuropediatrics** 1984 Oct;15(4):211-4

[The Sotos syndrome. Clinical and neuropsychiatric considerations in 1 case] Trizio M, et al. **Riv Patol Nerv Ment** 1983 May-Jun;104(3):105-14 (Eng. Abstr.) **(Ita)**

[Motor-coordination disorders in patients with infantile cerebral palsy] Aslanov AM, et al. **Zh Nevropatol Psikhiatr** 1984;84(10):1475-9 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Defects in citric acid cycle and the electron transport chain in progressive poliodystrophy. Gabreëls FJ, et al. **Acta Neurol Scand** 1984 Sep;70(3):145-54

ETIOLOGY

Huntington's disease: visuomotor disturbance in patients and offspring. Oepen G, et al. **J Neurol Neurosurg Psychiatry** 1985 May;48(5):426-33

Manual sequence learning after focal cortical lesions. Jason GW. **Neuropsychologia** 1985;23(4):483-96

Treatment strategies for emotional-motivational blocks to motor functioning in children. Stott DH, et al. **Phys Ther** 1985 Jun;65(6):915-9

[Development of premature children below a birth weight of 1,500 g] Frisch H, et al. **Monatsschr Kinderheilkd** 1985 Feb;133(2):86-92 (Eng. Abstr.) **(Ger)**

[Early psychomotor development--normal and abnormal. References for the detection and evaluation of development disorders] Largo RH. **Schweiz Rundsch Med Prax** 1985 Feb 26;74(9):203–6 (Eng. Abstr.) **(Ger)**

[Visuomotor ataxia. Clinical and CT scan studies in three cases] Hirose G, et al. **Rinsho Shinkeigaku** 1985 Mar; 25(3):342–50 (Eng. Abstr.) **(Jpn)**

[Neurological complications in children with Ehlers-Danlos syndrome] Michałowicz R, et al. **Pediatr Pol** 1984 Jul; 59(7):599–602 **(Pol)**

FAMILIAL & GENETIC

A new case of partial trisomy of 17 long arm. Densitometric analysis of aberrations. Parcheta B, et al. **Eur J Pediatr** 1985 Mar;143(4):314–6

PATHOLOGY

[Alpers syndrome (a case report)] von der Linde J, et al. **Padiatr Grenzgeb** 1984;23(4):225–41 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Speech timing measures of severity, psychomotor retardation, and agitation in endogenously depressed patients. Bouhuys AL, et al. **J Commun Disord** 1984 Aug;17(4):277–88

Transient inaccuracy in reaching caused by a posterior parietal lobe lesion. Ferro JM. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):1016–9

REHABILITATION

Research on a psychomotor program for children with severe motor or multiple disabilities. Nakken H, et al. **Int J Rehabil Res** 1985;8(1):47–60

THERAPY

[Results of therapeutic riding from the neuropsychiatric viewpoint] Schulz HD, et al. **Z Arztl Fortbild (Jena)** 1985; 79(5):213 **(Ger)**

PSYCHOMOTOR PERFORMANCE

Psychomotor and social development of breast-fed and bottle-fed babies during their first year of life. Baumgartner C. **Acta Paediatr Hung** 1984;25(4):409–17

Typing letter strings varying in orthographic structure. Massaro DW, et al. **Acta Psychol (Amst)** 1984 Oct; 57(2):109–31

The motor quotient. A method for the early detection of motor delay. Capute AJ, et al. **Am J Dis Child** 1985 Sep; 139(9):940–2

Improving profoundly mentally retarded adults' performance on a position discrimination. Bell J, et al. **Am J Ment Defic** 1984 Sep;89(2):180–6

The role of response-reinforcer relationship in discrimination learning of mentally retarded persons. Delprato DJ, et al. **Am J Ment Defic** 1984 Nov;89(3):267–74

Observing executive activity in a simple assembly task. Lawson MJ. **Am J Ment Defic** 1985 May;89(6):642–9

Relationship between the home environment and sensorimotor development of Down syndrome and nonretarded infants. Smith L, et al. **Am J Ment Defic** 1984 Sep;89(2):124–32

Training reaction and movement times of moderately and severely mentally retarded persons in aiming movements. Wade MG, et al. **Am J Ment Defic** 1984 Sep;89(2):174–9

Performance of Japanese and Japanese-American children on the Motor Accuracy-Revised and Design Copying Tests of the Southern California Sensory Integration Tests. Saeki K, et al. **Am J Occup Ther** 1985 Feb;39(2):103–9

Effect of aging on the accuracy of visually guided saccadic eye movement. Warabi T, et al. **Ann Neurol** 1984 Oct; 16(4):449–54

Spatial aspects of memory implicated in face drawings of alcoholic men. Pontius AA. **Ann NY Acad Sci** 1985; 444:475–7

Negative air ion effects on human performance and physiological condition. Buckalew LW, et al. **Aviat Space Environ Med** 1984 Aug;55(8):731–4

Do insomniacs have impaired daytime functioning? Mendelson WB, et al. **Biol Psychiatry** 1984 Aug; 19(8):1261–4

The effects of two alternative timings of a one-hour nap on early morning performance. Gillberg M. **Biol Psychol** 1984 Aug;19(1):45–54

Learning disabilities and intelligence test results: a model based on a principal components analysis of the WISC-R. Lawson JS, et al. **Br J Psychol** 1985 Feb;76 (Pt 1):35–48 (60 ref.)

Sex-typed labelling affects task performance. Hargreaves DJ, et al. **Br J Soc Psychol** 1985 Jun;24 (Pt 2):153–5

Verbal and spatial interference effects in congenitally blind and sighted subjects. Hampson PJ, et al. **Can J Psychol** 1984 Sep;38(3):411–20

Developmental assessment: 18 months to 4 1/2 years. The Bus Puzzle Test. Egan DF, et al. **Child Care Health Dev** 1984 May–Jun;10(3):162–79

Current practices in sensory motor programming with developmentally delayed infants and young children. Pothier PC, et al. **Child Care Health Dev** 1984 Nov–Dec; 10(6):341–8

Preterm infants' manipulative exploration of objects. Ruff HA, et al. **Child Dev** 1984 Aug;55(4):1166–73

The relation of play and sensorimotor behavior to language in the second year. Ungerer JA, et al. **Child Dev** 1984 Aug; 55(4):1448–55

Circadian rhythms in human performance efficiency under free-running conditions. Monk TH, et al. **Chronobiologia** 1984 Oct–Dec;11(4):343–54

Basal ganglia lesions and psychological analyses of the control of voluntary movement. Wing AM, et al. **Ciba Found Symp** 1984;107:242–57

Sensory thresholds and motor responsiveness in thyroid disease: their responses to treatment and warming. O'Malley BP, et al. **Clin Endocrinol (Oxf)** 1985 Jul; 23(1):17–23

Torque response in psychotics and normal controls: a study in an Asian culture. Yan SM, et al. **Compr Psychiatry** 1985 Jul–Aug;26(4):342–4

On block design constructional disability in right and left hemisphere brain-damaged patients. Hadano K. **Cortex** 1984 Sep;20(3):391–401

Children with minor neurodevelopmental disorders. III: Neurological and neurodevelopmental problems at age 10. Gillberg IC. **Dev Med Child Neurol** 1985 Feb;27(1):3–16

Neurophysiological correlates of psychomotor activity in chronic schizophrenics. Chiarenza GA, et al. **Electroencephalogr Clin Neurophysiol** 1985 Oct; 61(4):218–28

Sensory integrative therapy and speech therapy for improving the perceptual motor skills and speech articulation of a dyspractic boy. Jaroma M, et al. **Folia Phoniatr (Basel)** 1984;36(6):261–6

Neuromuscular performance in a Kansas Mennonite community: age and sex effects in performance. Devor EJ, et al. **Hum Biol** 1985 May;57(2):197–211

Principles of S-C-R compatibility with spatial and verbal tasks: the role of display-control location and voice-interactive display-control interfacing. Wickens CD, et al. **Hum Factors** 1984 Oct;26(5):533–43

Visual perception dominance of fallers among community-dwelling older adults. Tobis JS, et al. **J Am Geriatr Soc** 1985 May;33(5):330–3

The effect of ambient room illumination upon Wayne Saccadic Fixator performance. Appler DV, et al. **J Am Optom Assoc** 1984 Nov;55(11):818–21

Anticipatory processing in transcription typing. Salthouse TA. **J Appl Psychol** 1985 May;70(2):264–71

A quantitative method of identifying older persons at risk for increasing long term care services. Williams ME, et al. **J Chronic Dis** 1984;37(9–10):705–11

Assessing children's copy productions of the Rey-Osterrieth Complex Figure. Waber DP, et al. **J Clin Exp Neuropsychol** 1985 Jun;7(3):264–80

Base rate data for the WAIS-R: test-retest stability and VIQ-PIQ differences. Matarazzo JD, et al. **J Clin Neuropsychol** 1984 Nov;6(4):351–66

Human figure drawing ability and vestibular processing dysfunction in learning-disabled children. Ottenbacher K, et al. **J Clin Psychol** 1984 Jul;40(4):1084–9

Stimulus parameters that produce age differences in block design performance. Royer FL, et al. **J Clin Psychol** 1984 Nov;40(6):1474–85

Chimpanzee (Pan troglodytes) spatial problem solving with the use of mirrors and televised equivalents of mirrors. Menzel EW Jr, et al. **J Comp Psychol** 1985 Jun;99(2):211–7

The role of self-produced movement and visual tracking in infant spatial orientation. Acredolo LP, et al. **J Exp Child Psychol** 1984 Oct;38(2):312–27

Development of visually guided hand orientation in reaching. von Hofsten C, et al. **J Exp Child Psychol** 1984 Oct; 38(2):208–19

Effects of age and skill in typing. Salthouse TA. **J Exp Psychol [Gen]** 1984 Sep;113(3):345–71

Object perception and object-directed reaching in infancy. von Hofsten C, et al. **J Exp Psychol [Gen]** 1985 Jun; 114(2):198–212

Perceiving affordances: visual guidance of stair climbing. Warren WH Jr. **J Exp Psychol [Hum Percept]** 1984 Oct; 10(5):683–703

The effect of diagonality on reconstruction of patterns by preschool children. Madison LS, et al. **J Gen Psychol** 1985 Jan;112(1):43–52

Visual-motor processing: relationships among age, dimensional variation, and the use of information redundancy. Wallace JR. **J Genet Psychol** 1984 Sep; 145(1ST Half):133–6

Effects of aging on sex differences in psychomotor reminiscence and tracking proficiency. Wright BM, et al. **J Gerontol** 1985 Mar;40(2):179–84

Maternal influence on the task behaviour of young Down's syndrome children. Berry P, et al. **J Ment Defic Res** 1984 Dec;28 (Pt 4):269–74

Psychomotor development in the first year and mental retardation––a prospective study. von Wendt L, et al. **J Ment Defic Res** 1984 Sep;28 (Pt 3):219–25

Patients with Parkinson's disease can employ a predictive motor strategy. Day BL, et al. **J Neurol Neurosurg Psychiatry** 1984 Dec;47(12):1299–306

Contribution of perceptual motor dysfunction to construction and tracing disturbances in Parkinson's disease. Stern Y, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):983–9

A performance test to accompany ophthalmic examination in the young school age child: the 'draw a bicycle' test. Helveston EM, et al. **J Pediatr Ophthalmol Strabismus** 1985 Jan–Feb;22(1):17–9

Effects of load stressors, cognitive complexity and type A coronary prone behavior on visual-motor task performance. Streufert S, et al. **J Pers Soc Psychol** 1985 Mar;48(3):728–39

Motor control of schizophrenics––II. Manual control and tracking: sensory and motor deficits. Mather JA, et al. **J Psychiatr Res** 1984;18(3):287–98

Analysis of visual functioning in fast ball team games. Nettleton B, et al. **J Sports Med Phys Fitness** 1984 Dec; 24(4):327–36

Sensori-motor transformations in the brain (with a critique of the tensor theory of cerebellum). Arbib MA, et al. **J Theor Biol** 1985 Jan 7;112(1):123–55

Sensorimotor development in the presence of atypical object manipulation during infancy. Holaday B. **Matern Child Nurs J** 1985 Spring;14(1):1–7

Right hemisphere interference during negative affect: a reaction time study. Ladavas E, et al. **Neuropsychologia** 1984;22(4):479–85

The effect of familial sinistrality on perceptual learning. Melamed LE, et al. **Neuropsychologia** 1984;22(4):495–502

Organization and lateralization of reaching in infants: an extension of Bresson et al. Ramsay DS, et al. **Neuropsychologia** 1984;22(5):639–41

Information processing deficits in Parkinson's disease during movement. Sanes JN. **Neuropsychologia** 1985;23(3):381–92

Practice variability and children's motor behavior. Clifton MA. **Percept Mot Skills** 1985 Apr;60(2):471–6

Age differences in self-reported anxiety and psychomotor performance. Erber JT. **Percept Mot Skills** 1984 Aug; 59(1):137–8

Multiple resources and brain laterality. Galluscio EH, et al. **Percept Mot Skills** 1984 Dec;59(3):815–24

Effort of preparation and age. Gottsdanker R. **Percept Mot Skills** 1984 Oct;59(2):527–38

Contribution of sex-differentiated experiences to spatial and mechanical reasoning abilities. Lunneborg CE, et al. **Percept Mot Skills** 1984 Aug;59(1):107–13

Effects of figure-ground reversal on the visual-perceptual and visuo-motor performances of cerebral palsied and normal children. Marozas DS, et al. **Percept Mot Skills** 1985 Apr;60(2):591–8

Implications of 'neolithic' face representation: an indicator of 'spatial' dyslexia or a case of 'scientific' dyslexia? Mayes JT. **Percept Mot Skills** 1984 Oct;59(2):634

Level of aspiration and performance of chronic psychiatric patients on a simple motor task. Nadler IM, et al. **Percept Mot Skills** 1985 Jun;60(3):767–70

Representation of spatial relations on the specific test, Draw-A-Person-With-Face-In-Front, as indicative of literacy skills in Australian aboriginals and 'Westerners'. Pontius AA. **Percept Mot Skills** 1984 Aug;59(1):275–84

Manual performance in the cold with gloves and bare hands. Rogers WH, et al. **Percept Mot Skills** 1984 Aug;59(1):3–13

Information processing abilities and performance on two perceptual-motor tasks. Siegel D. **Percept Mot Skills** 1985 Apr;60(2):459–66

Prism Adaptation in hypnotically limb-anesthetized subjects: more disconfirming data. Spanos NP, et al. **Percept Mot Skills** 1984 Oct;59(2):379–86

Bender scores and the horse as a distinct item on object assembly of the WISC. Thomas AD. **Percept Mot Skills** 1984 Aug;59(1):103–6

Searching for correlates of spatial ability. Vandenberg SG, et al. **Percept Mot Skills** 1985 Apr;60(2):343–50

Factor analysis of choice reaction time in young and elderly subjects. Vrtunski PB, et al. **Percept Mot Skills** 1984 Oct; 59(2):659–76

Serial movement timing and musical experience. Williams LR. **Percept Mot Skills** 1985 Feb;60(1):31–6

Effects of hemispace on tactile bisection by young children. Yamamoto M. **Percept Mot Skills** 1984 Dec;59(3):833–4

Errors towards the perpendicular in children's copies of angular figures: a test of the bisection interpretation. Bremner JG. **Perception** 1984;13(2):117–28

Developmental screening. Frankenburg WK. **Primary Care** 1984 Sep;11(3):535–47

Task-specific EMG-characteristics during mental training. Wehner T, et al. **Psychol Res** 1984;46(4):389–401

Functional between-hand differences and outflow eye position information. Honda H. **Q J Exp Psychol [A]** 1984 Feb;36(1):75–88

The neuropsychology of writing and spelling: semantic, phonological, motor, and perceptual processes. Margolin DI. **Q J Exp Psychol [A]** 1984 Aug;36(3):459–89

Studies in subjective probability V: Chance vs. structure in visual patterns. Teigen KH. **Scand J Psychol** 1984; 25(4):315–23

Neuropsychological cognitive performance of patients with type-2 diabetes. Mattlar CE, et al. **Scand J Rehabil Med** 1985;17(2):101–5

Perceptual-motor and memory performance of high-risk children. Lifshitz M, et al. **Schizophr Bull** 1985;11(1):74–84

The Israeli high-risk study: statistical overview and discussion. Silberman EK, et al. **Schizophr Bull** 1985; 11(1):138–45

Daytime alertness in relation to mood, performance, and nocturnal sleep in chronic insomniacs and noncomplaining sleepers. Seidel WF, et al. **Sleep** 1984;7(3):230–8

[Long-term study of neonates at risk and neonates in a control group. II. Results of examinations of the children at 3 years of age] Simánková N, et al. **Cesk Pediatr** 1985

Apr;40(4):208–15 (Eng. Abstr.) (Cze)

[Concerning the work of N. Galifret–Granjon] Schmid–Kitsikis E. **Psychiatr Enfant** 1984;27(1):35–48 (Fre)

[Differential controlling functions of motivation and prior experience in the acquisition of psychomotor skills] Meier F. **Arch Psychol (Frankf)** 1984;136(1):77–87 (Eng. Abstr.) (Ger)

[Single test comparisons of motor lateral preference of upper and lower extremities of girls in vocational schools] Oeser R, et al. **Arztl Jugendkd** 1985 Apr;76(2):96–100 (Eng. Abstr.) (Ger)

[Postoperative microstrabismus: performance accuracy in spatial depth] Haase W, et al. **Klin Monatsbl Augenheilkd** 1985 May;186(5):337–42 (Eng. Abstr.) (Ger)

[Long–term study on the rhythmic behavior of mental performance] Klinker L, et al. **Z Gesamte Hyg** 1984 Nov;30(11):661–3 (Eng. Abstr.) (Ger)

[Development of the use of forceps in the 80's. Clinico–statistical considerations and long–term neuropsychiatric control in children born using this technic] Rizzuto E, et al. **Minerva Ginecol** 1984 Sep;36(9):477–85 (Eng. Abstr.) (Ita)

[Analysis of tracking behavior in patients with muscular dystrophy] Yamashita T, et al. **Shinrigaku Kenkyu** 1984 Jun;55(2):102–8 (Eng. Abstr.) (Jpn)

[Children with congenital hypothyroidism. Psychomotor development] Heyerdahl S, et al. **Tidsskr Nor Laegeforen** 1985 Jan 10;105(1):18–23 (Eng. Abstr.) (Nor)

[7 postural reactions suggested by Vojta. An aid in the examination of neonatal motor activity at maternal and pediatric clinics] Holtedahl KA, et al. **Tidsskr Nor Laegeforen** 1985 Jun 20;105(17–18):1225–30 (Eng. Abstr.) (Nor)

[Effect of menstrual bleeding on the physical fitness of women and the problem of using selected psychomotor parameters in the study of this effect] Brodziński W. **Wiad Lek** 1985 Jan 1;38(1):35–9 (35 ref.) (Eng. Abstr.) (Pol)

[Effect of vibration and noise on the functional state of an operator] Kamenskiĭ IuN. **Gig Tr Prof Zabol** 1984 Oct;(10):38–9 (Rus)

DRUG EFFECTS

Psychomotor effects of alprazolam and diazepam during acute and subacute treatment, and during the follow–up phase. Aranko K, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 May;56(5):364–72

Task–dependent development of cross–tolerance to psychomotor effects of lorazepam in man. Aranko K. **Acta Pharmacol Toxicol (Copenh)** 1985 May;56(5):373–81

Failure of amantadine and bromocriptine to counteract alcoholic inebriation in man. Nuotto E, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Sep;55(3):168–73

Selective attenuation of ethanol–induced performance impairment by naloxone in humans. Ewing JA, et al. **Adv Alcohol Subst Abuse** 1984 Summer;3(4):47–59

Psychomotor tests and 'street fitness' [letter] Healy P, et al. **Anesth Analg** 1985 Feb;64(2):182

Physostigmine: effectiveness as an antagonist of respiratory depression and psychomotor effects caused by morphine or diazepam. Bourke DL, et al. **Anesthesiology** 1984 Nov;61(5):523–8

Effects of some motion sickness suppressants on static and dynamic tracking performance. Schroeder DJ, et al. **Aviat Space Environ Med** 1985 Apr;56(4):344–50

Evaluation of antimotion sickness drug side effects on performance. Wood CD, et al. **Aviat Space Environ Med** 1985 Apr;56(4):310–6

Adrenocorticotrophic hormone and melanocyte stimulating hormone do not affect performance in hippocampus–lesioned or control pigeons. Sahgal A. **Behav Brain Res** 1984 Oct;14(1):9–15

Psychotropic drugs and performance. Proceedings of a symposium, Basle, 29–30 November 1983. **Br J Clin Pharmacol** 1984;18 Suppl 1:1S–140S

Visual motor co–ordination and dynamic visual acuity. Borland RG, et al. **Br J Clin Pharmacol** 1984;18 Suppl 1:69S–72S

Central effects during the continuous osmotic infusion of a benzodiazepine (triazolam). Breimer DD, et al. **Br J Clin Pharmacol** 1985 Jun;19(6):807–15

Performance and its measurement. Broadbent DE. **Br J Clin Pharmacol** 1984;18 Suppl 1:5S–11S

The effect of posture at the time of administration on the central depressant effects of the new hypnotic zopiclone. Channer KS, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):879–86

A comparison of the effects of lorazepam with those of propranolol on experimentally–induced anxiety and performance. File SE, et al. **Br J Clin Pharmacol** 1985 Apr;19(4):445–51

Saccadic eye movement analysis as a measure of drug effects on human psychomotor performance. Griffiths AN, et al. **Br J Clin Pharmacol** 1984;18 Suppl 1:73S–82S

Effects of antidepressants on skilled performance. Linnoila M, et al. **Br J Clin Pharmacol** 1984;18 Suppl 1:109S–120S

Interactions of benzodiazepines on psychomotor skills. Mattila MJ. **Br J Clin Pharmacol** 1984;18 Suppl 1:21S–26S (37 ref.)

Attention tasks as skills performance measures of drug effects. Moskowitz H. **Br J Clin Pharmacol** 1984;18 Suppl 1:51S–61S

Driving performance under the influence of drugs: rationale for, and application of, a new test. O'Hanlon JF. **Br J Clin Pharmacol** 1984;18 Suppl 1:121S–129S

Investigating drug—ethanol interactions. Starmer GA, et al. **Br J Clin Pharmacol** 1984;18 Suppl 1:27S–35S

Pencil and paper tests—sensitivity to psychotropic drugs. Stone BM. **Br J Clin Pharmacol** 1984;18 Suppl 1:15S–20S

Comparison of the effects of ranitidine, cimetidine and thioridazine on psychomotor functions in healthy volunteers. Theofilopoulos N, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):135–44

Effect of fluoxetine on psychomotor performance, physiologic response, and kinetics of ethanol. Lemberger L, et al. **Clin Pharmacol Ther** 1985 Jun;37(6):658–64

The effects of cimetidine and ranitidine on psychomotor function in healthy volunteers. Levin A, et al. **Curr Med Res Opin** 1984;9(5):301–3

A comparison of methods for assessing the sedative effects of diphenhydramine on skills related to car driving. Cohen AF, et al. **Eur J Clin Pharmacol** 1984;27(4):477–82

The effect of bupropion, a new antidepressant drug, and alcohol and their interaction in man. Hamilton MJ, et al. **Eur J Clin Pharmacol** 1984;27(1):75–80

Studies on the possible central effects in man of a neuropeptide (ACTH 4–9 analogue). Nicholson AN, et al. **Eur J Clin Pharmacol** 1984;27(5):561–5

Effects of transdermal scopolamine upon psychological teat performance at sea. Parrott AC, et al. **Eur J Clin Pharmacol** 1985;28(4):419–23

Effects of zimeldine, mianserin and amitriptyline on psychomotor skills and their interaction with ethanol a placebo controlled cross–over study. Seppälä T, et al. **Eur J Clin Pharmacol** 1984;27(2):181–9

Effects of acute exposure of toluene and methyl ethyl ketone on psychomotor performance. Dick RB, et al. **Int Arch Occup Environ Health** 1984;54(2):91–109

The effect of lactulose on psychomotor performance tests in alcoholic cirrhotics without overt hepatic encephalopathy. McClain CJ, et al. **J Clin Gastroenterol** 1984 Aug;6(4):325–9

Increased sensitivity of the elderly to the central depressant effects of diazepam. Pomara N, et al. **J Clin Psychiatry** 1985 May;46(5):185–7

Ketamine: behavioral effects of subanesthetic doses. Ghoneim MM, et al. **J Clin Psychopharmacol** 1985 Apr;5(2):70–7

Effects of chronic zimelidine and ethanol on psychomotor performance. Linnoila M, et al. **J Clin Psychopharmacol** 1985 Jun;5(3):148–53

The relationship between serum concentrations and central nervous system actions of metoprolol. Gengo FM, et al. **J Neurol Neurosurg Psychiatry** 1985 Feb;48(2):101–6

Comparison of triazolam and pentobarbital: performance impairment, subjective effects and abuse liability. Roache JD, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):120–33

Prescription drugs and driving performance [news] Cowart V, et al. **JAMA** 1985 Jul 5;254(1):15, 20–2, 27

Early sensory–motor development and prenatal exposure to lead. Bellinger DC, et al. **Neurobehav Toxicol Teratol** 1984 Sep–Oct;6(5):387–402

Tolerance for the decrease in nerve conduction velocity and for the motor impairment produced by ethanol in mice: differential development during chronic ethanol consumption. Juntunen J, et al. **Neurobehav Toxicol Teratol** 1984 May–Jun;6(3):245–8

Behavioral effects of phosphatidylserine in the aged Fischer 344 rat: amelioration of passive avoidance deficits without changes in psychomotor task performance. Corwin J, et al. **Neurobiol Aging** 1985 Spring;6(1):11–5

Effects of the tetracyclic antidepressant pirlindole on sensorimotor performance and subjective condition in comparison to imipramine and during interaction of ethanol. Ehlers T, et al. **Neuropsychobiology** 1984;12(1):48–54

Ibotenic acid lesions of the lateral hypothalamus: comparison with 6–hydroxydopamine–induced sensorimotor deficits. Dunnett SB, et al. **Neuroscience** 1985 Feb;14(2):509–18

Effect of diazepam on visuomotor reaction time. Barbee JG, et al. **Percept Mot Skills** 1985 Feb;60(1):107–10

Effects of flurazepam and triazolam on neuropsychological performance. Bornstein RA, et al. **Percept Mot Skills** 1985 Feb;60(1):47–52

Neurohypophyseal peptides maintain tolerance to the incoordinating effects of ethanol. Hoffman PL, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):535–43

Effects of aniracetam on delayed matching–to–sample performance of monkeys and pigeons. Pontecorvo MJ, et al. **Pharmacol Biochem Behav** 1985 May;22(5):745–52

Psychomotor performance following the long–term use of benzodiazepines. Lucki I, et al. **Psychopharmacol Bull** 1985;21(1):93–6

Behavioral pharmacokinetics of marijuana. Barnett G, et al. **Psychopharmacology (Berlin)** 1985;85(1):51–6

A conveyor belt task for assessing visuo–motor coordination in the marmoset (Callithrix jacchus): effects of diazepam, chlorpromazine, pentobarbital and d–amphetamine. D'Mello GD, et al. **Psychopharmacology (Berlin)** 1985;86(1–2):125–31

Acute and subchronic effects of neuroleptics on quantitative measures of discriminative motor control in rats. Fowler SC, et al. **Psychopharmacology (Berlin)** 1984;84(3):368–73

Transdermally applied scopolamine does not impair psychomotor performance. Gleiter CH, et al. **Psychopharmacology (Berlin)** 1984;83(4):397–8

Ethanol and indomethacin interactions in motor impairment, hypnosis, and body temperature. Greizerstein HB. **Psychopharmacology (Berlin)** 1984;84(1):101–4

Relationship between sensorimotor neglect and the specificity, degree and locus of mesotelencephalic dopaminergic cell loss following 6–hydroxydopamine. Lees GJ, et al. **Psychopharmacology (Berlin)** 1985;85(1):115–22

Performance and extinction of lever press behavior following chronic administration of desipramine to rats. Lucki I, et al. **Psychopharmacology (Berlin)** 1985;85(3):253–9

Ascorbic acid and performance in man. Pascoe PA, et al. **Psychopharmacology (Berlin)** 1984;83(4):376–7

Adverse effects of single therapeutic doses of diazepam on performance in normal geriatric subjects: relationship to plasma concentrations. Pomara N, et al. **Psychopharmacology (Berlin)** 1984;84(3):342–6

The effect of pentobarbitone on variable–interval performance: analysis in terms of Herrnstein's equation. Ruddle HV, et al. **Psychopharmacology (Berlin)** 1984;84(4):520–5

Oxprenolol plus ethanol causes no central nervous system depression—a comparison with lorazepam plus ethanol. Aucamp AK, et al. **S Afr Med J** 1984 Sep 22;66(12):445–6

[Drugs and traffic] Mattila MJ. **Duodecim** 1984;100(19):1234–43 (Fin)

[The effect of the analgesic flupirtine on automobile driving] Biehl B. **Arzneimittelforsch** 1985;35(1):77–81 (Eng. Abstr.) (Ger)

[The effect of a new antiparkinson agent, Selegilin, on psychomotor performance in humans] Müller–Limmroth W. **Arzneimittelforschung** 1985;35(6):998–1002 (Eng. Abstr.) (Ger)

[Effect of astemizole on psychophysical performance] Moser L. **Z Hautkr** 1985;60 Suppl 1:56–8 (Eng. Abstr.) (Ger)

[Psychomotor efficiency of persons chronically exposed to carbon disulfide. II] Makowska Z. **Med Pr** 1984;35(5):355–64 (Eng. Abstr.) (Pol)

[Pharmacology in automobile driving and medical practice. II. Euhypnotic effect of Elenium and psychomotor efficiency in humans] Gałuszko P, et al. **Psychiatr Pol** 1984 Nov–Dec;18(6):555–60 (Eng. Abstr.) (Pol)

[Psychophysiological reactions to seduxen in patients with chronic alcoholism] Lil'in ET, et al. **Sov Med** 1984;(10):96–8 (Rus)

PHYSIOLOGY

Complex visual reaction time measurements under irregular and regular preparatory interval conditions in children with developmental language problems. Martinius J. **Acta Paedopsychiatr (Basel)** 1984 Aug;50(2–3):111–8

Changes in the Bereitschaftspotential due to subsequent voluntary autotriggered stimulus. Dimitrov B, et al. **Acta Physiol Pharmacol Bulg** 1984;10(2):64–72

The second sensory area in humans: evoked potential and electrical stimulation studies. Lüders H, et al. **Ann Neurol** 1985 Feb;17(2):177–84

Effect of rebreathing on psychomotor skills when wearing integral crash helmets. Malins AF, et al. **Arch Emerg Med** 1984 Jun;1(2):101–4

Visuomotor strategies in pattern discrimination learning in rats. Christie D, et al. **Behav Brain Res** 1985 Jul;16(1):9–18

Residual visuomotor behaviour after bilateral removal of the occipital lobe in the rabbit. De Vos–Korthals WH, et al. **Behav Brain Res** 1985 May;15(3):205–9

Movement and non–movement related pallidal unit activity during bar press feeding behavior in the monkey. Nishino H, et al. **Behav Brain Res** 1985 Jan;15(1):27–42

Sparing and recovery of spatial alternation performance after entorhinal cortex lesions in rats. Ramirez JJ, et al. **Behav Brain Res** 1984 Jul;13(1):53–61

Impairment in T–maze reinforced alternation performance following nucleus basalis magnocellularis lesions in rats. Salamone JD, et al. **Behav Brain Res** 1984 Jul;13(1):63–70

Effects of externally imposed elastic loads on the ability to estimate position and force. Watson JD, et al. **Behav Brain Res** 1984 Sep;13(3):267–71

Differential hemispheric activation during complex visuomotor performance: alpha trends and theta. Rebert CS, et al. **Biol Psychol** 1984 Dec;19(3–4):159–68

Ocular dominance, reading, and spelling ability in schoolchildren. Newman SP, et al. **Br J Ophthalmol** 1985 Mar;69(3):228–32

Analysis of cerebellar motor disorders by visually guided elbow tracking movement. Beppu H, et al. **Brain** 1984 Sep;107 (Pt 3):787–809

Visual allesthesia in manual pointing: some evidence for a sensorimotor cerebral organization. Joanette Y, et al. **Brain Cogn** 1984 Apr;3(2):152–65

Purdue pegboard performance of disabled and normal readers: unimanual versus bimanual differences. Leslie SC, et al. **Brain Lang** 1985 Mar;24(2):359–69

Grasping in the pigeon: mechanisms of motor control. Deich J, et al. **Brain Res** 1985 Jul 1;337(2):362–7

Single unit activity in the auditory cortex and the medial geniculate body of the rhesus monkey: behavioral modulation. Gilat E, et al. **Brain Res** 1984 Dec 24;324(2):323–33

Left–handed and right–handed aphasics with left hemisphere lesions compared on nonverbal performance measures. Borod JC, et al. **Cortex** 1985 Mar;21(1):81–90

Influence of social background on psychomotor development in the first year of life and its correlation with later intellectual capacity: a prospective cohort study. Rantakallio P, et al. **Early Hum Dev** 1985 Jul;11(2):141–8

Introduction to A.T. Welford's 'Between bodily changes and performance: some possible reasons for slowing with age'. Fozard J. **Exp Aging Res** 1984 Summer;10(2):71–2

Between bodily changes and performance: some possible reasons for slowing with age. Welford AT. **Exp Aging Res** 1984 Summer;10(2):73–88 (108 ref.)

Effects of posterior parietal lesions on visually guided movements in monkeys. Faugier-Grimaud S, et al. **Exp Brain Res** 1985;59(1):125–38

Burst activity of identified tecto-reticulo-spinal neurons in the alert cat. Grantyn A, et al. **Exp Brain Res** 1985; 57(2):417–21

Task-related coding of stimulus and response in cat motor cortex. Martin JH, et al. **Exp Brain Res** 1985;57(3):427–42

Schemas for the temporal organization of behaviour. Arbib MA. **Hum Neurobiol** 1985;4(2):63–72

Comments on time in action and perception. Granit R. **Hum Neurobiol** 1985;4(2):61–2

Temporal tracking and synchronization strategies. Hary D, et al. **Hum Neurobiol** 1985;4(2):73–9

Brain potentials related to voluntary hand tracking, motivation and attention. Lang W, et al. **Hum Neurobiol** 1984;3(4):235–40

Handwriting posture, visuomotor integration, and lateralized reaction-time parameters. Levy J, et al. **Hum Neurobiol** 1984;3(3):157–61

The involvement of the two hemispheres in the reaction time to central and peripheral visual stimuli. Arkin N, et al. **Int J Neurosci** 1985 Jan;25(3–4):233–6

Movement-related potentials during development: a replication and extension of relationships to age, motor control, mental status and IQ. Warren CA, et al. **Int J Neurosci** 1984 Oct;24(2):81–96

Asymmetry of brain potentials related to sensorimotor tasks. Lutzenberger W, et al. **Int J Psychophysiol** 1985 Apr; 2(4):281–91

Cardiovascular effects of noise during complex task performance. Ray RL, et al. **Int J Psychophysiol** 1984 Jun; 1(4):335–40

Active and passive forearm flexor tension patterns in the continuous perceptual-motor task paradigm: the significance of motivation. Svebak S. **Int J Psychophysiol** 1984 Dec;2(3):167–76

Basic neurophysiology of motor skills in sport: a review. Henatsch HD, et al. **Int J Sports Med** 1985 Feb;6(1):2–14 (48 ref.)

Processing of stimulus properties: evidence for dual-task integrality. Kramer AF, et al. **J Exp Psychol [Hum Percept]** 1985 Aug;11(4):393–408

Age-related effects of temporal contingencies on response speed and memory: an operant analysis. Baron A, et al. **J Gerontol** 1985 Jan;40(1):60–70

Neural mechanisms involved in the control of the eye-head-neck co-ordinated movement: a review of literature with an emphasis on future directions for the chiropractic profession. Fitz-Ritson D. **J Manipulative Physiol Ther** 1984 Dec;7(4):251–60 (42 ref.)

Transient inaccuracy in reaching caused by a posterior parietal lobe lesion. Ferro JM. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):1016–9

Primate frontal eye fields. I. Single neurons discharging before saccades. Bruce CJ, et al. **J Neurophysiol** 1985 Mar; 53(3):603–35

Influence of globus pallidus on arm movements in monkeys. I. Effects of kainic acid-induced lesions. Horak FB, et al. **J Neurophysiol** 1984 Aug;52(2):290–304

Influence of globus pallidus on arm movements in monkeys. II. Effects of stimulation. Horak FB, et al. **J Neurophysiol** 1984 Aug;52(2):305–22

Contrasting neuronal activity in supplementary and precentral motor cortex of monkeys. II. Responses to movement triggering vs. nontriggering sensory signals. Kurata K, et al. **J Neurophysiol** 1985 Jan;53(1):142–52

Contrasting neuronal activity in supplementary and precentral motor cortex of monkeys. I. Responses to instructions determining motor responses to forthcoming signals of different modalities. Tanji J, et al. **J Neurophysiol** 1985 Jan;53(1):129–41

Smooth pursuit of small-amplitude sinusoidal motion. Martins AJ, et al. **J Opt Soc Am [A]** 1985 Feb;2(2):234–42

A global model of the neural mechanisms responsible for visuomotor coordination in toads. Lara R, et al. **J Theor Biol** 1984 Oct 21;110(4):587–618

Coordination: a vector-matrix description of transformations of overcomplete CNS coordinates and a tensorial solution using the Moore-Penrose generalized inverse. Pellionisz AJ. **J Theor Biol** 1984 Oct 5;110(3):353–75

Motor impersistence: a right-hemisphere syndrome. Kertesz A, et al. **Neurology** 1985 May;35(5):662–6

Tobacco effects on cortical evoked potentials to distracting stimuli. Knott VJ. **Neuropsychobiology** 1985;13(1–2):74–80

Prefrontal cortex and the sequencing of movement in monkeys (Macaca mulatta). Passingham RE. **Neuropsychologia** 1985;23(4):453–62

Neuropsychological models of stuttering—I. Representation of sequential response mechanisms. Webster WG. **Neuropsychologia** 1985;23(2):263–7

Ablation of nucleus isthmi leads to loss of specific visually elicited behaviors in the frog Rana pipiens. Caine HS, et al. **Neurosci Lett** 1985 Mar 15;54(2–3):307–12

Loss of vision-guided adaptation of the vestibulo-ocular reflex after depletion of brain serotonin in the rabbit. Miyashita Y, et al. **Neurosci Lett** 1984 Oct 12;51(2):177–82

Head and eye movements in congenital nystagmus. Furman JM, et al. **Otolaryngol Head Neck Surg** 1984 Dec; 92(6):656–61

Effects of food intake on CNS activity, psychomotor performance and mood states in healthy volunteers. Sittig W, et al. **Pharmacopsychiatry** 1985 Jan;18(1):123–6

A twin study of cardiac reactivity and its relationship to parental blood pressure. Carroll D, et al. **Physiol Behav** 1985 Jan;34(1):103–6

Neurocognitive pattern analysis of a visuospatial task: rapidly-shifting foci of evoked correlations between electrodes. Gevins AS, et al. **Psychophysiology** 1985 Jan; 22(1):32–43

Heart rate and oxygen consumption during mental arithmetic, a video game, and graded exercise: further evidence of metabolically-exaggerated cardiac adjustments? Turner JR, et al. **Psychophysiology** 1985 May;22(3):261–7

The impatience of youth: phasic cardiovascular response in type A and type B elementary school-aged boys. Jennings JR, et al. **Psychosom Med** 1984 Nov–Dec;46(6):498–511

[A survey of mental changes with aging] Nagashima K. **Nippon Ronen Igakkai Zasshi** 1984 May;21(3):226–9 (Eng. Abstr.) **(Jpn)**

[Dynamic characteristics of compensatory tracking behavior in adults with cerebral palsy] Sameshima M. **Shinrigaku Kenkyu** 1984 Oct;55(4):250–3 (Eng. Abstr.) **(Jpn)**

[Value of the study of visual manual localization for the purpose of applied ergonomics] Remlein-Mozolewska G. **Klin Oczna** 1984 Nov;86(11):495–9 (Eng. Abstr.) **(Pol)**

[Patients with multiple sclerosis among the Łódź population. II. Clinical course of the disease and patient fitness] Drabkowska-Kaczmarek A, et al. **Neurol Neurochir Pol** 1985 Jan–Feb;19(1):9–15 (Eng. Abstr.) **(Pol)**

[Psychomotor development of children with pathology in the neonatal period] Losiowski Z, et al. **Neurol Neurochir Pol** 1984 Mar–Apr;18(2):111–7 (Eng. Abstr.) **(Pol)**

[Prognostic value of various pathological symptoms in the neonatal period] Losiowski Z, et al. **Neurol Neurochir Pol** 1984 Mar–Apr;18(2):119–24 (Eng. Abstr.) **(Pol)**

[Neuropsychological changes in cerebral ischemia after treatment by the microneurosurgical method. Preliminary report] Mrówka R, et al. **Neurol Neurochir Pol** 1984 Mar–Apr;18(2):151–7 (Eng. Abstr.) **(Pol)**

[Psychomotor development and the neurological status of 5-year-old children with pathology of the early neonatal period] Losiowski Z, et al. **Pediatr Pol** 1984 Jul; 59(7):537–42 (Eng. Abstr.) **(Pol)**

[Degree and dynamics of changes in physical work capacity of children and adolescents in relation to somatic development and motor activity] Woynarowska B. **Probl Med Wieku Rozwoj** 1984;13:32–49 (Eng. Abstr.) **(Pol)**

[Effect of noise on the results of the visual motor coordination test and coding test in elementary school pupils] Goryński P, et al. **Rocz Panstw Zakl Hig** 1984; 35(3):289–95 (Eng. Abstr.) **(Pol)**

[Psychophysical development of children raised in children's homes and in the family] Kocańda-Ulanecka K, et al. **Rocz Panstw Zakl Hig** 1985;36(1):68–75 (Eng. Abstr.) **(Pol)**

[Factor analysis of selected psychomotor indicators in the study of the effect of menstrual bleeding on the physical fitness of women] Brodziński W. **Wiad Lek** 1984 Sep 1; 37(17):1331–5 (Eng. Abstr.) **(Pol)**

[Characteristics of the sensorimotor reactions and rheoencephalograms of persons with a desynchronized type of EEG] Rusnak VG. **Fiziol Cheloveka** 1985 Jan–Feb; 11(1):161–3 **(Rus)**

[Effect of monotonous muscular activity on body function] Tkhorevskiĭ VI, et al. **Fiziol Cheloveka** 1985 Mar–Apr; 11(2):280–5 **(Rus)**

[Functional state of the body systems of students attending medium-level professional and technical schools for miners] Kharkovenko NM, et al. **Gig Sanit** 1985 Mar; (3):30–1 (Eng. Abstr.) **(Rus)**

[Psychophysiological criteria of the occupational suitability of adolescents for gas-arc welding] Kispaev TA. **Gig Sanit** 1985 May;(5):27–30 (Eng. Abstr.) **(Rus)**

[Effect of a dynamic microclimate on the functional state of senior schoolchildren] Voronova BZ, et al. **Gig Sanit** 1984 Aug;(8):27–9 (Eng. Abstr.) **(Rus)**

[Method of operative control of the work capacity of man] Gosudarev NA, et al. **Gig Tr Prof Zabol** 1985 Feb;(2):22–5 **(Rus)**

[Body functions of operators of various types of plasma units] Il'nitskaia AV. **Gig Tr Prof Zabol** 1985 Feb;(2):25–9 (Eng. Abstr.) **(Rus)**

[Psychological adaptation and work capacity during simulated weightlessness] Ioseliani KK, et al. **Kosm Biol Aviakosm Med** 1985 Jan–Feb;19(1):19–24 (Eng. Abstr.) **(Rus)**

[Role of mental work in man's tolerance to whole-body vibration] Kamenskiĭ IuN. **Kosm Biol Aviakosm Med** 1984 Nov–Dec;18(6):37–40 (Eng. Abstr.) **(Rus)**

[Psychophysiological nature of the 'aircraft perception'] Vorona AV, et al. **Kosm Biol Aviakosm Med** 1984 Sep–Oct; 18(5):14–8 (Eng. Abstr.) **(Rus)**

[Individual approach in the study of the psychological causes of the occurrence of trauma in children for the elaboration of preventive measures] Veselov NG, et al. **Ortop Travmatol Protez** 1985 Jun;(6):54–7 **(Rus)**

[Visual motor coordination test in the differential diagnosis of Ménière's disease] Bulaev IuO, et al. **Vestn Otorinolaringol** 1985 May–Jun;(3):47–50 (Eng. Abstr.) **(Rus)**

[Psychophysiological indicators in students during training] Kazakov VI, et al. **Voen Med Zh** 1985 Jan;(1):49–52 **(Rus)**

[Psychophysiological aspects of aviation] Ponomarenko VA. **Voen Med Zh** 1985 Apr;(4):67–9 **(Rus)**

[Features of the EEG correlates of activity in epileptic patients] Beĭn BN, et al. **Zh Nevropatol Psikhiatr** 1985; 85(6):818–22 (Eng. Abstr.) **(Rus)**

[Comparative population analysis of the variability of human neurodynamics and psychodynamics] Bulaeva KB. **Zh Vyssh Nerv Deiat** 1984 Nov–Dec;34(6):1031–40 (Eng. Abstr.) **(Rus)**

[Effect of negative emotions on various links in visual-motor integration in man] Shostakovich GS, et al. **Zh Vyssh Nerv Deiat** 1985 Jan–Feb;35(1):73–80 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Gamma radiation produced performance decrement in rat as assessed with the accelerod. Cockerham LG, et al. **Neurosci Lett** 1984 Aug 31;49(3):297–300

Effects of bremsstrahlung and electron radiation on rat motor performance. Bogo V. **Radiat Res** 1984 Nov;100(2):313–20

[Duration of conscious reactions in persons exposed to an electric field of 50 Hz frequency] Szuba M, et al. **Med Pr** 1985;36(1):21–6 (Eng. Abstr.) **(Pol)**

PSYCHONEUROSES see **NEUROTIC DISORDERS**

PSYCHOPATHIC PERSONALITY see **ANTISOCIAL PERSONALITY DISORDER**

PSYCHOPATHOLOGY

Object-relations theory and psychohistory. Hoffman LE. **Bull Menninger Clin** 1985 Mar;49(2):113–23

[An unpublished text of Pierre Janet on beliefs] Fusswerk-Fursay J. **Ann Med Psychol (Paris)** 1984 May; 142(5):703–10 **(Fre)**

[Psychopathology and the phenomenological method] Guensberger E. **Cesk Psychiatr** 1985 Feb;81(1):1–5 (Eng. Abstr.) **(Slo)**

HISTORY

[Change in the concept of psychopathic disorders at the inception of scientific psychiatry in Germany] Schmiedebach HP. **Nervenarzt** 1985 Mar;56(3):140–5 **(Ger)**

[V. Kh. Kandinskiĭ (1849–1889), the great Russian pioneer of psychopathology] Kelemen G. **Orv Hetil** 1984 Nov 25; 125(48):2943–4, 2947 **(Hun)**

TRENDS

[Unexplored themes in the psychopathology of Karl Jaspers] Blankenburg W. **Nervenarzt** 1984 Sep;55(9):447–60 (151 ref.) (Eng. Abstr.) **(Ger)**

PSYCHOPHARMACEUTICALS see **PSYCHOTROPIC DRUGS**

PSYCHOPHARMACOLOGY

see related
PSYCHOTROPIC DRUGS

Fifth Italo-Soviet symposium on neuropsychopharmacology. Proceedings, Florence, November 25–26, 1983. **Ann Ist Super Sanita** 1984;20(1):1–122

Operational, analogical and genuine definitions of psychophysiology. Furedy JJ. **Int J Psychophysiol** 1983 Aug;1(1):13–9

Drugs, biochemistry, and conscious experience: toward a theory of psychopharmacology. Willner P. **Perspect Biol Med** 1984 Autumn;28(1):49–64

Proceedings of the congress of the AGNP. Nuremberg, 1983. Abstracts. **Pharmacopsychiatry** 1985 Jan;18(1):1–177

Ethopharmacological aggression research. Proceedings of a Symposium of Psychopharmacology of Aggression. September 28–29, 1983, Zeist, The Netherlands. **Prog Clin Biol Res** 1984;167:1–275

Annual NCDEU meeting (1984). Abridged proceedings. New Clinical Drug Evaluation Unit, NIH. May 20–23, 1984, Key Biscayne, Florida. **Psychopharmacol Bull** 1985; 21(1):1–152

Communication in psychopharmacology 'Asia to the East of Israel and Turkey'. Russell RW. **Psychopharmacology (Berlin)** 1984;83(4):301–3

[Clarification of the concepts vigilance and activation in pharmacopsychology and electrophysiology] Ott H.

EEG EMG 1984 Dec;15(4):190-7 (Eng. Abstr.) **(Ger)**

EDUCATION

Teaching pediatric psychopharmacology: an interdisciplinary model. Jackson AH. **J Am Acad Child Psychiatry** 1985 Jan; 24(1):103-8

HISTORY

Pharmacoelectroencephalography: a note on its history. Fink M. **Neuropsychobiology** 1984;12(2-3):173-8

Psychopharmacology. An historical perspective. Moriarty KM, et al. **Psychiatr Clin North Am** 1984 Sep;7(3):411-33 (47 ref.)

METHODS

Methodological guidelines for reading drug-evaluation research. King PR. **Can J Psychiatry** 1984 Nov; 29(7):575-82

Comparison of fixed-ratio and progressive-ratio schedules of maintenance of stimulant drug-reinforced responding. Winger G, et al. **Drug Alcohol Depend** 1985 May; 15(1-2):123-30

Automating the measurement of locomotor activity. Beninger RJ, et al. **Neurobehav Toxicol Teratol** 1985 Jan-Feb; 7(1):79-85

Automated measurement of multivariate locomotor behavior in rodents. Sanberg PR, et al. **Neurobehav Toxicol Teratol** 1985 Jan-Feb;7(1):87-94

Analysis of physiological mechanism in psychopharmacology. Carlton PL. **Neuropsychobiology** 1984;12(2-3):158-72

Pharmaco-EEG experiments in animals. Stumpf C. **Neuropsychobiology** 1984;12(2-3):179-82 (41 ref.)

Single case experiments in psychopharmacological trials. Wolfrum C, et al. **Neuropsychobiology** 1984;12(2-3):152-7

Phase IV research by pharmaceutical companies. Hakkarainen H, et al. **Pharmacopsychiatry** 1984 Sep; 17(5):168-75

The private practice study group as phase-IV research tool. Helmchen H, et al. **Pharmacopsychiatry** 1984 Sep; 17(5):157-61

A microcomputer technique for the detailed behavioural, and automatic statistical, analysis of animal behaviour. Hendrie CA, et al. **Physiol Behav** 1984 May;32(5):865-9

Behavioral sequences as an easily quantifiable parameter in experimental studies. Spruijt BM, et al. **Physiol Behav** 1984 May;32(5):707-10

A conveyor belt task for assessing visuo-motor coordination in the marmoset (Callithrix jacchus): effects of diazepam, chlorpromazine, pentobarbital and d-amphetamine. D'Mello GD, et al. **Psychopharmacology (Berlin)** 1985; 86(1-2):125-31

A computer-supported method for analyzing behavioral observations: studies with stereotypy. Lewis MH, et al. **Psychopharmacology (Berlin)** 1985;85(2):204-9

Drug discrimination training with a single choice trial per session. Tomie A, et al. **Psychopharmacology (Berlin)** 1985; 86(1-2):217-22

[Method and device for evaluating the emotionally-positive effects of pharmacologic agents] Zvartau EE, et al. **Zh Vyssh Nerv Deiat** 1984 Jul-Aug;34(4):802-3 **(Rus)**

STANDARDS

Studies in general practice: interpractice differences. Gastpar M. **Pharmacopsychiatry** 1984 Sep;17(5):148-51

Drug safety in psychiatry--an objective for drug monitoring in phase IV. Schmidt LG, et al. **Pharmacopsychiatry** 1984 Sep;17(5):152-6

TRENDS

Psychopharmacology tomorrow: 1984 or The Little Prince? Giurgea CE. **Psychol Med** 1984 Aug;14(3):491-6

[Recent advances in clinical psychopharmacology] Mori A. **Yakubutsu Seishin Kodo** 1984 Nov;4(3):201-12 (63 ref.) (Eng. Abstr.) **(Jpn)**

[The pharmacology of memory (results and prospects)] Borodkin IuS, et al. **Fiziol Zh SSSR** 1984 Jul;70(7):983-9 (41 ref.) (Eng. Abstr.) **(Rus)**

PSYCHOPHYSICS

see related
DIFFERENTIAL THRESHOLD

Metabolic and cardiovascular cost, and perceived effort over an 8 hour day when lifting loads selected by the psychophysical method. Legg SJ, et al. **Ergonomics** 1985 Jan;28(1):337-43

Psychophysical considerations in permissible loads. Snook SH. **Ergonomics** 1985 Jan;28(1):327-30

Psychophysical acceptability as a constraint in manual working capacity. Snook SH. **Ergonomics** 1985 Jan; 28(1):331-5

Psychophysical response to electrocutaneous stimulation. Aiello GL, et al. **IEEE Trans Biomed Eng** 1984 Aug; 31(8):558-60

Psychophysics of reading. III. A fiberscope low-vision reading aid. Pelli DG, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):751-63

Reading rotated words. Koriat A, et al. **J Exp Psychol [Hum Percept]** 1985 Aug;11(4):490-508

A psychophysical study of the effect of task variables on lifting and lowering tasks. Asfour SS, et al. **J Hum Ergol (Tokyo)** 1984 Sep;13(1):3-14

HISTORY

E. Mach on the analysis of motion sensation. Henn V. **Hum Neurobiol** 1984;3(3):145-8

[History of the theory of psychic energy] Ackerknecht EH. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(2):181-5 (Eng. Abstr.) **(Ger)**

INSTRUMENTATION

Changes in pulp temperature during thermostimulation of human teeth by a simple electrically controlled thermode. Grüsser OJ, et al. **Pflugers Arch** 1985 Mar;403(3):273-7

METHODS

Scales for perceived egocentric distance in a large open field: comparison of three psychophysical methods. Da Silva JA. **Am J Psychol** 1985 Spring;98(1):119-44

Rocket-ship psychophysics. Assessing visual functioning in young children. Abramov I, et al. **Invest Ophthalmol Vis Sci** 1984 Nov;25(11):1307-15

Detection theory analysis of group data: estimating sensitivity from average hit and false-alarm rates. Macmillan NA, et al. **Psychol Bull** 1985 Jul;98(1):185-99

TRENDS

Comments on the role of psychophysics today. Granit R. **Dev Ophthalmol** 1984;9:8-10

PSYCHOPHYSIOLOGIC DISORDERS

Psychosomatic obstetrics and gynecology. **Adv Psychosom Med** 1985;12:1-188

Was fever psychogenic in origin? [letter] Fiscella R. **Am J Psychiatry** 1985 Apr;142(4):516-7

Psychiatric patient referral [letter] McInnis DB. **Arch Intern Med** 1985 Jul;145(7):1333

Abstracts of papers presented at the eleventh annual scientific meeting of the Psychophysiology Society. London, December 1983. **Biol Psychol** 1985 May;20(3):185-232

Things aren't what they seem. Higgins PM. **J R Soc Med** 1984 Sep;77(9):728-37

Psychogenic forms of epilepsy. Boldyrev AI. **Neurosci Behav Physiol** 1985 Mar-Apr;15(2):119-23

Psychosomatic research and practice. Proceedings of the 7th world congress of the International College of Psychosomatic Medicine. Hamburg, July 17-22, 1983. **Psychother Psychosom** 1984;42(1-4):1-224

Psychosomatics of trichotillomania and related states or disorders. Meyer AE, et al. **Psychother Psychosom** 1984; 42(1-4):119-23

Repeated short-term sick-leave as a possible symptom of psycho-social problems. Leijon M, et al. **Scand J Soc Med** 1984;12(4):165-9

[A clinical study of psychosomatic cutaneous diseases] Chang CH, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Mar; 84(3):400-6 (Eng. Abstr.) **(Chi)**

[Psychosomatic complications of contraception] Cepický P, et al. **Cesk Gynekol** 1984 Nov;49(9):647-9 **(Cze)**

[Transient psychogenic concentric narrowing of the visual field] Vladyková J, et al. **Cesk Oftalmol** 1985 Jul; 41(4):268-72 (Eng. Abstr.) **(Cze)**

[Families with psychosomatically ill children. Study of family dynamics in bronchial asthma and ulcerative colitis] **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:1-412 **(Ger)**

[Auto-erythrocyte sensitization] Inbal A, et al. **Harefuah** 1984 Dec 16;107(12):385-7 (Eng. Abstr.) **(Heb)**

[Psychosomatic aspects of neoplastic pathology] Meluzzi A, et al. **Minerva Psichiatr** 1984 Apr-Jun;25(2):75-84 (Eng. Abstr.) **(Ita)**

[Clinical conference at the Brazilian Institute for Study and Research in Gastroenterology] **Arq Gastroenterol** 1984 Jan-Mar;21(1):46-52 **(Por)**

[Psychophysiologic disorders. Clinical session of the Brazilian Institute for Study and Research in Gastroenterology] **Arq Gastroenterol** 1984 Apr-Jun;21(2):91-7 **(Por)**

[Clinical conference at the Brazilian Institute for Study and Research in Gastroenterology] Pontes JF, et al. **Arq Gastroenterol** 1984 Jul-Sep;21(3):143-50 **(Por)**

[Psychodiagnostic contribution to the study of patients with coronariopathies] Montero Barrado I, et al. **Actas Luso Esp Neurol Psiquiatr** 1984 Sep-Oct; 12(5):321-39 **(Spa)**

[Schizophrenia as a psychosomatic expression of mental disease. Reality of a single psychosis] Aldama de Llano JM. **Arch Neurobiol (Madr)** 1985 Mar-Apr;48(2):79-88 (Eng. Abstr.) **(Spa)**

[Psychogenic rheumatism] Aris H. **Rev Med Chil** 1984 Dec; 112(12):1248-55 (Eng. Abstr.) **(Spa)**

BLOOD

[Low blood values of prolactin in women with psychogenic amenorrhea and anorexia nervosa] Natoli A, et al. **Clin Ter** 1985 Jun 30;113(6):499-501 (Eng. Abstr.) **(Ita)**

CEREBROSPINAL FLUID

Ferritin concentration in cerebrospinal fluid. Fehling C, et al. **Acta Neurol Scand** 1985 Jun;71(6):510-2

CHEMICALLY INDUCED

[Sequelae of anesthesis in routine operations] Booij LH. **Ned Tijdschr Geneeskd** 1984 Dec 29;128(52):2452-5 **(Dut)**

CLASSIFICATION

The psychosomatic component in prosthodontics. Newton AV. **J Prosthet Dent** 1984 Dec;52(6):871-4

Taxonomic subgroups within psychosomatic disease entities: an alternative strategy to the specificity approach? Meyer AE. **Psychother Psychosom** 1984;42(1-4):26-36

COMPLICATIONS

Relationship between schizophrenia and psychosomatic illness: a review. Ananth J, et al. **Neuropsychobiology** 1984; 12(2-3):138-41

DIAGNOSIS

Malrotation in children with symptoms of gastrointestinal allergy and psychosomatic abdominal pain. Kullendorff CM, et al. **Acta Paediatr Scand** 1985 Mar;74(2):296-9

Recurrent abdominal pain in children. Middleton AW, et al. **Aust Fam Physician** 1984 Jun;13(6):426-7

How to do a laparotomy [letter] Franklin A. **Br J Hosp Med** 1984 Sep;32(3):155

The medical and psychological investigation of psychogenic polydipsia: a case study. Kulkarni J, et al. **Br J Psychiatry** 1985 May;146:545-7

Physical illness and psychiatric disorders. Ananth J. **Compr Psychiatry** 1984 Nov-Dec;25(6):586-93

'Hidden' popular illnesses in primary care: residents' recognition and clinical implications. Nations MK, et al. **Cult Med Psychiatry** 1985 Sep;9(3):223-40

Psychosocial factors for failure to adapt to dental prostheses. Marbach JJ. **Dent Clin North Am** 1985 Jan;29(1):215-33

Mobile medical screening teams for public programs. Koran LM, et al. **Hosp Community Psychiatry** 1984 Nov; 35(11):1151-2

Differential diagnosis and management of the chronically somatizing patient. Stoudemire A. **J Med Assoc Ga** 1984 Sep;73(9):593-7

Water intoxication, hyperpyrexia and rhabdomyolysis in a patient with psychogenic polydipsia. Sidi Y, et al. **NY State J Med** 1984 Sep;84(9):462-4

Detecting physical illness in patients with mental disorders. Hoffman RS, et al. **Psychosomatics** 1984 Sep;25(9):654-60

Identification of psychosomatic and psychic disorders in non-psychiatric in-patients. Künsebeck HW, et al. **Psychother Psychosom** 1984;42(1-4):187-94

Symptom profiles in chronic peptic ulcer disease. A detailed study of abdominal and mental symptoms. Sjödin I, et al. **Scand J Gastroenterol** 1985 May;20(4):419-27

[Psychophysiologic disorders in general practice. II. Diagnostic and therapeutic management] Huygen FJ, et al. **Ned Tijdschr Geneeskd** 1984 Jul 21;128(29):1372-6 (Eng. Abstr.) **(Dut)**

[How can aspecific mechanical low backache be differentiated from psychogenically-determined back complaints by a simple examination?] Lankhorst GJ, et al. **Ned Tijdschr Geneeskd** 1984 Nov 3;128(44):2101-3 **(Dut)**

[Sexuality and chronic urologic pain with no perceptible clinical cause in men] Mimoun MS. **Ann Urol (Paris)** 1984 Sep;18(5):331-6 (Eng. Abstr.) **(Fre)**

[Symptom and deficiency: the unceasing dialog of the sign and the symptom] Dubois G. **Rev Laryngol Otol Rhinol (Bord)** 1983;104(4):301-5 (Eng. Abstr.) **(Fre)**

[The symptom as evidence, lack of evidence, the evidence as symptom] Marvaud J. **Rev Laryngol Otol Rhinol (Bord)** 1983;104(4):307-12 (Eng. Abstr.) **(Fre)**

[Lumbago: psychologic aspects] Gilliéron E, et al. **Rev Med Suisse Romande** 1985 Jun;105(6):511-20 **(Fre)**

[Psychogenic headaches or the history of a pain] Haffani F, et al. **Tunis Med** 1984 Dec;62(8):611-3 (Eng. Abstr.) **(Fre)**

[Backache: a psychosomatic clinical study] Duguay M, et al. **Union Med Can** 1985 Feb;114(2):122-31 (Eng. Abstr.) **(Fre)**

[Orofacial dyskinesias from the psychosomatic viewpoint] Fleischer-Peters A, et al. **Fortschr Kieferorthop** 1985 Jun; 46(3):181-90 (Eng. Abstr.) **(Ger)**

[Psychosocial sequelae of unemployment. High demand for the differential diagnostic sense of the physician] Faust V, et al. **Fortschr Med** 1985 Jun 6;103(21):88-9 **(Ger)**

[Separation of somatic from psychosomatic medicine can be overcome. Suggestions for special-combining cooperation in medicine] Hirschmann E. **Fortschr Med** 1985 Feb 28; 103(8):72-3 **(Ger)**

[Body and soul: difficulties in the interaction between physicians and psychologists] Pöppel E. **Internist (Berlin)** 1984 Nov;25(11):654-8 **(Ger)**

[Pension neurosis: a psychosocial arrangement. I] Schlierf C. **Psychother Psychosom Med Psychol** 1985 Jan;35(1):8-16 (Eng. Abstr.) **(Ger)**

[Examination and consultation from the psychosocial viewpoint] Heim E. **Ther Umsch** 1984 Nov;41(11):779-88 (Eng. Abstr.) **(Ger)**

[Pseudo vertigo? Psychiatric aspects] Radanov B. **Ther Umsch** 1984 Oct;41(10):715-9 (Eng. Abstr.) **(Ger)**

[Duration of spiral after-effects in psychosomatic patients (a psychophysiologic study and analysis of data using multivariate procedures)] Grünberger J, et al. **Wien Klin Wochenschr** 1984 Aug 3;96(15):592-7 (Eng. Abstr.) **(Ger)**

[A questionnaire for the detection of psychiatric and somatic complaints in the elderly] Hautzinger M. **Z Gerontol** 1984 Jul-Aug;17(4):223-6 (Eng. Abstr.) **(Ger)**

[Detection of health complaints from the occupational psychologic viewpoint--experiences with the use of the Complaint Questionnaire in female workers] Schnabel G, et al. **Z Gesamte Hyg** 1985 Apr;31(4):209-11 (Eng. Abstr.) **(Ger)**

[Biography as giving sense to the senseless?] Wyss D. **Z Klin Psychol Psychopathol Psychother** 1984;32(2):100-11 **(Ger)**

[Neurotic and pseudoneurotic syndromes in patients with symptoms of organic brain damage] Kocur J, et al. **Wiad Lek** 1985 Jan 15;38(2):127-30 (Eng. Abstr.) **(Pol)**

[Cardialgia, physical exertion tolerance and personality characteristics in patients with climacteric cardiopathy] Volkov VS, et al. **Klin Med (Mosk)** 1984 Aug;62(8):34-8 (Eng. Abstr.) **(Rus)**

[Organic and functional changes in the heart in children and their differentiation] Oskolkova MK. **Pediatriia** 1984 Oct;(10):72-8 **(Rus)**

DRUG THERAPY

Clonidine treatment in vegetative dysfunction--experimental rationales. Svensson TH. **Acta Obstet Gynecol Scand [Suppl]** 1985;132:23-8

Single case experiments in psychopharmacological trials. Wolfrum C, et al. **Neuropsychobiology** 1984;12(2-3):152-7

A biopsychosocial perspective to psychotropic drug use in psychophysiologic conditions. Blackwell B. **Psychopharmacol Bull** 1984 Fall;20(4):629-38

[Agreal: clinical experience. Review of the literature] Brient-Clabaux J. **Rev Fr Gynecol Obstet** 1985 Feb 28;80(3):143-6 (Eng. Abstr.) **(Fre)**

[Tolerance to veralipride administered for an extended time] Milliez J. **Rev Fr Gynecol Obstet** 1984 Jan;79(1):27-8, 31 (Eng. Abstr.) **(Fre)**

[Alternative therapy concept for the treatment of psychosomatic disorders. Controlled double-blind evaluation of fluspirilene versus bromazepam] Lehmann E, et al. **Fortschr Med** 1984 Oct 25;102(40):1033-6 (Eng. Abstr.) **(Ger)**

[Role and importance of antidepressants in general medicine. Bibliographic review and case contribution] Morini A, et al. **Minerva Med** 1984 Aug 25;75(32-33):1893-8 (Eng. Abstr.) **(Ita)**

[Psychosomatic disorders considered from an internist viewpoint. II. Problems of drug therapy] Morini A, et al. **Minerva Med** 1984 Aug 25;75(32-33):1885-92 (Eng. Abstr.) **(Ita)**

ETIOLOGY

The influence of mental stress at work on the development of psychosomatic disease. Markotić-Bogavčić G, et al. **Acta Med Iugosl** 1985;39(1):3-12

Life's happenings and organic disease. Connolly J. **Br J Hosp Med** 1985 Jan;33(1):24-7

A 'pseudo-AIDS' syndrome following from fear of AIDS. Miller D, et al. **Br J Psychiatry** 1985 May;146:550-1

Stress at work and psychosomatic complaints: a causal interpretation. Frese M. **J Appl Psychol** 1985 May;70(2):314-28

Stress: different concepts for different people. Mlott SR. **J SC Med Assoc** 1985 Mar;81(3):133-7

The stress-alexithymia hypothesis: theorectical and empirical considerations. Martin JB, et al. **Psychother Psychosom** 1985;43(4):169-76

Psychological aspects of non-ulcer dyspepsia: a psychosomatic view focusing on a comparison between the irritable bowel syndrome and peptic ulcer disease. Sjödin I, et al. **Scand J Gastroenterol [Suppl]** 1985;109:51-8 (47 ref.)

[Psychosomatic complications of contraception] Cepický P, et al. **Cesk Gynekol** 1984 Dec;49(10):758-9 **(Cze)**

[War victims 1940-1945--patients 1980-1985] Koster M. **Ned Tijdschr Geneeskd** 1985 May 4;129(18):818-20 **(Dut)**

[Risk factors in problem children] Gerstl W. **Wien Med Wochenschr** 1985 Jun 30;135(12):309-11 (Eng. Abstr.) **(Ger)**

[Evolution of the concept of disease with particular reference to psychosomatic disorders] Brodziak A. **Pol Tyg Lek** 1984 Jun 11;39(24):801-5 **(Pol)**

[Psychogenic urethral stricture] Zieba Z. **Pol Tyg Lek** 1984 Jul 9;39(28):947-50 (Eng. Abstr.) **(Pol)**

[Problem of alexithymia in psychosomatic disorders] Brzeziński R. **Psychiatr Pol** 1984 Jul-Aug;18(4):393-9 (40 ref.) **(Pol)**

[Psychosomatic diseases--selected problems] Czubalski K. **Psychiatr Pol** 1984 Jul-Aug;18(4):389-92 **(Pol)**

[Anorexia nervosa--a syndrome or a typical psychosomatic illness?] Dabkowski M, et al. **Psychiatr Pol** 1984 Jul-Aug;18(4):377-81 **(Pol)**

[Psychosomatic problems in patients with acquired heart defects] Nasiłowska-Barud A, et al. **Wiad Lek** 1985 May 1;38(9):625-30 (Eng. Abstr.) **(Pol)**

[Somatic disorders and personality characteristics in patients with recent myocardial infarct] Nasiłowska-Barud A, et al. **Wiad Lek** 1984 Jul 15;37(14):1073-8 (Eng. Abstr.) **(Pol)**

[Psychopathological disorders in somatic diseases] Volkov VS, et al. **Sov Med** 1984;(8):92-5 **(Rus)**

[Bronchial asthma as a form of pathological adaptation to a microsocial environment] Fedoseev GB, et al. **Ter Arkh** 1985;57(5):31-6 **(Rus)**

HISTORY

Nervous disease and malingering: the status of psychosomatic concepts in nineteenth century medicine. McMahon CE. **Int J Psychosom** 1984;31(3):15-9

IMMUNOLOGY

High time for psychoimmunology [letter] Ader R, et al. **Nature** 1985 May 9-15;315(6015):103-4

Life change stress, psychiatric symptoms, and natural killer cell activity. Locke SE, et al. **Psychosom Med** 1984 Sep-Oct;46(5):441-53

Psychological stress-factors and concentrations of immunoglobulins and complement components in humans. Ursin H, et al. **Scand J Psychol** 1984;25(4):340-7

[Psychosocial factors and immunocompetence] Gaus E, et al. **Internist (Berlin)** 1984 Nov;25(11):667-73 **(Ger)**

OCCURRENCE

The Zurich study--a prospective epidemiological study of depressive, neurotic and psychosomatic syndromes. I. Problem, methodology. Angst J, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(1):13-20

Epidemiology of psychosomatic disorders in Iran. Bash KW. **Psychother Psychosom** 1984;42(1-4):182-6

Psychogenic epidemics and work. Olkinuora M. **Scand J Work Environ Health** 1984 Dec;10(6 Spec No):501-4

The prevalence of psychosomatic disorders among a sample of police officers. Vulcano BA, et al. **Soc Psychiatry** 1984;19(4):181-6

[Recurrent abdominal pain in Danish school children. A cross-sectional study] Christensen MF, et al. **Ugeskr Laeger** 1984 Sep 3;146(36):2690-5 (Eng. Abstr.) **(Dan)**

[Mass psychogenic illness at work places] Lings S. **Ugeskr Laeger** 1984 Dec 3;146(49):3865-9 (Eng. Abstr.) **(Dan)**

[Psychophysiologic disorder in general practice. I. An epidemiologic study] Huygen FJ, et al. **Ned Tijdschr Geneeskd** 1984 Jul 14;128(28):1321-7 (Eng. Abstr.) **(Dut)**

[Role of aggressiveness among psychogenic risks in cardiology] Mertens de Wilmars CA. **Bull Mem Acad R Med Belg** 1984;139(8-9):415-36 (Eng. Abstr.) **(Fre)**

[Somatoform disorders. A hidden disease among the populace] Hartvig P, et al. **Tidsskr Nor Laegeforen** 1985 Jun 20;105(17-18):1219-22 (Eng. Abstr.) **(Nor)**

[Women with high morbidity records--adoption study shows possible causing factors] von Knorring AL, et al. **Läkartidningen** 1985 Apr 17;82(16):1464-5 **(Swe)**

PATHOLOGY

[Psychosomatic disorders considered from an internist viewpoint. I. Nosographic aspects and diagnostic problems] Morini A, et al. **Minerva Med** 1984 Aug 25;75(32-33):1881-4 (Eng. Abstr.) **(Ita)**

PHYSIOPATHOLOGY

Reflex epilepsy evoked by specific psychic activity. A case report. Kalina P, et al. **Acta Neurol Belg** 1984 Aug-Oct;84(4):204-8

Psychoendocrinology and the menstrual cycle. Youngs DD, et al. **Adv Psychosom Med** 1985;12:25-34

Physical activity as a moderator of life events and somatic complaints: a longitudinal study. Howard JH, et al. **Can J Appl Sport Sci** 1984 Dec;9(4):194-200

Opioid involvement in hypertension induced by short-term isolation. Fuentes JA, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):2041-4

The anterior cingulate cortex and stress: effects of chlordiazepoxide on unit-activity and stimulation-induced gastric pathology in rats. Henke PG. **Int J Psychophysiol** 1984 Aug;2(1):23-32

Mechanisms underlying hypertensive reactions under emotional stress. Tsyrlin VA, et al. **Neurosci Behav Physiol** 1985 May-Jun;15(3):227-32

[Development of adrenergic activity in boys and girls with emotiono-vegetative disorders during puberty] Szewczyk L. **Pediatr Pol** 1984 May;59(5):409-12 (Eng. Abstr.) **(Pol)**

[Neuroses in the clinical picture of internal diseases] Kanareikin KF, et al. **Klin Med (Mosk)** 1985 Mar;63(3):116-22 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Social networks and social support: an overview of research, practice, and policy implications. Gottlieb BH. **Health Educ Q** 1985 Spring;12(1):5-22

The influence of a supportive, problem-solving, group intervention on the health status of students with great recent life change. Marx MB, et al. **J Psychosom Res** 1984;28(4):275-8

PSYCHOLOGY

The couvade syndrome: background variables. Bogren LY. **Acta Psychiatr Scand** 1984 Oct;70(4):316-20

The condition of 'tightness': the somatic complaints of Turkish migrant women. Mirdal GM. **Acta Psychiatr Scand** 1985 Mar;71(3):287-96

The psychosocial impact of high risk pregnancy. Gyves MT. **Adv Psychosom Med** 1985;12:71-80

Psychological predisposition to life-threatening arrhythmias. Reich P. **Annu Rev Med** 1985;36:397-405 (22 ref.)

Fluency and fantasy. McGrath WB. **Ariz Med** 1984 Sep;41(9):604-5

Some implications for psychology of formulating all illness as deviancy. Pilgrim D. **Br J Med Psychol** 1984 Sep;57 (Pt 3):227-33

A review of the research on conjugal bereavement: impact on health and efficacy of intervention. Windholz MJ, et al. **Compr Psychiatry** 1985 Sep-Oct;26(5):433-47

Psychosomatic symptoms, stress, and modernization: a model. Dressler WW. **Cult Med Psychiatry** 1985 Sep;9(3):257-86

Symptomatic differences between the sexes in rural Mexico. Finkler K. **Cult Med Psychiatry** 1985 Mar;9(1):27-57

Psyche, soma, and society: the social construction of psychosomatic disorders. Helman CG. **Cult Med Psychiatry** 1985 Mar;9(1):1-26

Social ties and health status: an examination of moderating factors. Hibbard JH. **Health Educ Q** 1985 Spring;12(1):23-34

Optimism, coping, and health: assessment and implications of generalized outcome expectancies. Scheier MF, et al. **Health Psychol** 1985;4(3):219-47

Health beliefs and physician identified 'worried well'. Wagner PJ, et al. **Health Psychol** 1984;3(5):459-74

An integrative model of health, illness, and disease. Weiner H. **Health Soc Work** 1984 Fall;9(4):253-60

Life changes, coping resources, and health among the elderly. Simons RL, et al. **Int J Aging Hum Dev** 1984-85;20(3):173-89

Unthinkability and psychosomatic symptoms. Neri C. **Int J Psychoanal Psychother** 1984-85;10:599-613

Electrodermal characteristics in psychosomatic patient groups. Kopp MS. **Int J Psychophysiol** 1984 Nov;2(2):73-85

The role of reporting tendency in the association between psychosocial factors and physical health. Blotcky AD, et al. **Int J Psychosom** 1984;31(2):18-21

Occurrence and co-occurrence of stressful life events in a Chinese context. Chan DW, et al. **Int J Psychosom** 1984;31(4):3-10

A psychodynamic study of psychosomatic dwarfism: a syndrome of depression, personality disorder, and impaired growth. Ferholt JB, et al. **J Am Acad Child Psychiatry** 1985 Jan;24(1):49-57

Foetal psychology and the analytic process. Kay DL. **J Anal Psychol** 1984 Oct;29(4):317-36

The availability of the analyst. Sidoli M. **J Anal Psychol** 1984 Oct;29(4):355-72

Reasons to leave shiftwork and psychological and psychosomatic complaints of former shiftworkers. Frese M, et al. **J Appl Psychol** 1984 Aug;69(3):509-14

Non-organic dyspepsia: a controlled clinico-psychiatric study. Mishra DN, et al. **J Assoc Physicians India** 1984 May;32(5):399-402

Stress and health among Polynesian migrants to New Zealand. Graves TD, et al. **J Behav Med** 1985 Mar;8(1):1-19

Type A behavior and illness in general. Woods PJ, et al. **J Behav Med** 1984 Dec;7(4):411-5

The treatment of reflex sympathetic dystrophy syndrome [letter] **J Bone Joint Surg [Am]** 1984 Dec;66(9):1493-4

MMPI results: a comparison of trauma victims, psychogenic pain, and patients with organic disease. Chaney HS, et al. **J Clin Psychol** 1984 Nov;40(6):1450-4

Locus of control, repression-sensitization, and psychological disorder in chronic pain patients. McCreary C, et al. **J Clin Psychol** 1984 Jul;40(4):897-901

WAIS-R factor structure in psychiatric and general medical patients. Beck NC, et al. **J Consult Clin Psychol** 1985 Jun;53(3):402-5

Character, Crohn's disease and pain. Morse RH. **J La State Med Soc** 1985 Mar;137(3):19-23

The origin of psychosomatic disorders in parent-adolescent relationships. Stovall-Hurdle L. **J Natl Med Assoc** 1985 Jun;77(6):493-4

Type A behavior, nonverbal expressive style, and health. Friedman HS, et al. **J Pers Soc Psychol** 1985 May;48(5):1299-315

On specificity in the impact of social participation on physical and psychological health. Reis HT, et al. **J Pers Soc Psychol** 1985 Feb;48(2):456-71

Demographics, stress, and depression in a community health screening. Hall JR, et al. **J Psychol** 1984 Sep;118(1ST Half):45-50

Differences in personality between parents of asthmatic children and parents of non-asthmatic children. Aronsson G, et al. **J Psychosom Res** 1985;29(2):177-82

Type A behaviour in patients with chest pain: test-retest reliability and psychometric correlates of Bortner scale. Bass C. **J Psychosom Res** 1984;28(4):289–300

Some further studies on the prediction of experimental colds in volunteers by psychological factors. Broadbent DE, et al. **J Psychosom Res** 1984;28(6):511–23

Life events and physical illness. Creed F. **J Psychosom Res** 1985;29(2):113–23

Somatic illness in manic-depressive and schizophrenic patients. Ghadirian AM, et al. **J Psychosom Res** 1985; 29(3):281–6

Psychosocial factors as strong predictors of mortality from cancer, ischaemic heart disease and stroke: the Yugoslav prospective study. Grossarth-Maticek R, et al. **J Psychosom Res** 1985;29(2):167–76

Psychobiological profiles in infertile men. Hubert W, et al. **J Psychosom Res** 1985;29(2):161–5

Characteristics and correlates of effective and ineffective social supports. McFarlane AH, et al. **J Psychosom Res** 1984;28(6):501–10

Gynaecological symptoms and psychological distress in potential hysterectomy patients. Salter JR. **J Psychosom Res** 1985;29(2):155–9

An investigation of psychosocial factors in patients with upper abdominal pain: a comparison with other groups of surgical outpatients. Stockton M, et al. **J Psychosom Res** 1985;29(2):191–8

The manager, stress and psychosomatic disease. Davison CK. **J R Soc Health** 1985 Apr;105(2):47–8

The quality and quantity of marital intimacy in the marriages of psychiatric patients. Patton D, et al. **J Sex Marital Ther** 1984 Fall;10(3):201–6

Is the temporo-mandibular pain and dysfunction syndrome a disorder of the mind? [letter] Greene CS, et al. **Pain** 1984 Oct;20(2):207–9

Anatomical Rorschach responses of gravely psychosomatic patients. Ihanus J. **Percept Mot Skills** 1984 Aug;59(1):337–8

Relationship between self-consciousness, autonomic perception, and psychosomatic disorders. Puente AE. **Percept Mot Skills** 1984 Dec;59(3):769–70

Modes of communication. The differentiation of somatic and verbal expression. Edgcumbe RM. **Psychoanal Study Child** 1984;39:137–54

Diseases of civilization? Murphy HB. **Psychol Med** 1984 Aug; 14(3):487–90

The work ethic as moderator variable of life stress: preliminary inquiry. Flannery RB Jr. **Psychol Rep** 1984 Oct;55(2):361–2

Changes in psychological variables, use of medical services and presentation of medical problems following brief psychological intervention on an Israel Air Force base. Rabinowitz S, et al. **Psychol Rep** 1985 Apr;56(2):596

Psychobiology and treatment of anniversary reactions. Dlin BM. **Psychosomatics** 1985 Jun;26(6):505–12, 520

Epilepsy: psychiatric aspects and use of psychotropics. Mendez MF, et al. **Psychosomatics** 1984 Dec;25(12):883–94

Chronic pelvic pain: psychological features and laparoscopic findings. Rosenthal RH, et al. **Psychosomatics** 1984 Nov; 25(11):833–41

Factors in the persistence of unresolved grief among psychiatric outpatients. Zisook S, et al. **Psychosomatics** 1985 Jun;26(6):497–9, 503

Psychosocial aspects of disease and their management. Aitken C. **Psychother Psychosom** 1984;42(1–4):52–5

Taxonomic aspects of clinical character typology. Ehlers W, et al. **Psychother Psychosom** 1984;42(1–4):156–63

Alexithymia and chronic respiratory disease. A review of current research. Feiguine RJ, et al. **Psychother Psychosom** 1985;43(2):77–89

Symptom formation. Kimball CP. **Psychother Psychosom** 1984;42(1–4):56–68

Verbal measures of alexithymia: what do they measure. Taylor GJ, et al. **Psychother Psychosom** 1985;43(1):32–7

Alexithymia and symptom formation. von Rad M. **Psychother Psychosom** 1984;42(1–4):80–9

Prebioptic psychological characteristics of breast cancer patients. Wirsching M, et al. **Psychother Psychosom** 1985; 43(2):69–76

Alexithymia and affective verbal behaviour of three groups of patients. Ahrens S. **Soc Sci Med** 1985;20(7):691–4

The psycho-social consequences of intermittent husband absence: an epidemiological study. Taylor R, et al. **Soc Sci Med** 1985;20(9):877–85

Triggers of symptoms and health care. Verbrugge LM. **Soc Sci Med** 1985;20(9):855–76

Psychiatric illness and the role of religion in a developing country [letter] Schmutzhard E. **Trop Doct** 1984 Oct; 14(4):166

[Hypnogenic paroxysmal dystonia: epilepsy or a new syndrome?] Berger HJ, et al. **Ned Tijdschr Geneeskd** 1984 Sep 8;128(36):1697–8 **(Dut)**

[Post-traumatic stress disorder as late sequel of participation in resistance activities] Op den Velde W. **Ned Tijdschr Geneeskd** 1985 May 4;129(18):834–8 **(Dut)**

[The patient as 'demander': myth or reality? Preliminary correlative study] Janne P, et al. **Acta Psychiatr Belg** 1984; 84:559–71 (Eng. Abstr.) **(Fre)**

[Choice of symptoms in neuroses. Psychosomatic syndromes] Tissot R, et al. **Ann Med Psychol (Paris)** 1984 May; 142(5):641–62 (Eng. Abstr.) **(Fre)**

[Psychodynamic approach to sex disorders] Mimoun MS. **Ann Urol (Paris)** 1984 May;18(3):175–9 (Eng. Abstr.) **(Fre)**

[Psychological aspects of the menopause: the gynecologist's viewpoint] Brun JP. **Rev Fr Gynecol Obstet** 1985 Mar; 80(4):195–8 (Eng. Abstr.) **(Fre)**

[Various aspects of man-animal relations in current medical practice] Robert M. **Rev Med Suisse Romande** 1984 Dec; 104(12):1027–31 **(Fre)**

[The schizophrenic patient and his body: remarks on the psychosomatic economy of dissociative psychoses] Andreoli A. **Schweiz Arch Neurol Neurochir Psychiatr** 1984;135(1):87–99 (Eng. Abstr.) **(Fre)**

[Emotions and cardiovascular psychosomatic disorders] Garrone G. **Schweiz Med Wochenschr** 1984 Dec 8; 114(49):1819–21 (Eng. Abstr.) **(Fre)**

[Psychological adjustment in the physician-patient relationship] Quinodoz JM, et al. **Schweiz Rundsch Med Prax** 1985 Jul 2;74(27):721–4 (Eng. Abstr.) **(Fre)**

[Mental disposition and stress as etiological factors in stomatognathic functional disorders] Fallschüssel GK. **Dtsch Zahnarztl Z** 1984 Jun;39(6):445–51 (32 ref.) (Eng. Abstr.) **(Ger)**

[Ulcerative colitis and Crohn disease from the psychosomatic viewpoint] Schmitt GM. **Monatsschr Kinderheilkd** 1985 Feb;133(2):119–22 (Eng. Abstr.) **(Ger)**

[Significance of bonding and separation in the development of disease] Csef H, et al. **Nervenarzt** 1985 May;56(5):245–51 **(Ger)**

[Clinical aspects and development of psychogenic pain syndromes] Kröber HL. **Nervenarzt** 1985 May;56(5):237–44 **(Ger)**

[Statements of parents about their children. Comparative study based on results of 2 questionnaires (Diagnostic Parent Questionnaire and Giessen Questionnaire for Parents in Clinical Complaints) on the development of the children and their current behavior] Günther C. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:209–41 **(Ger)**

[Development of psychosomatic disease. Status of research and expectations of family psychosomatization] Overbeck G. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985; 26:53–66 **(Ger)**

[Self and other perception of parents with a psychosomatically ill child in the Giessen Test] Seebach-Herberth J, et al. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:187–208 **(Ger)**

[Psychoanalysis and family dynamics] Steffens W. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:26–38 **(Ger)**

[Alexithymia--results and methods of a research field of psychosomatic medicine] Ahrens S, et al. **Psychother Psychosom Med Psychol** 1985 Jun;35(6):147–59 (Eng. Abstr.) **(Ger)**

[Significance of the patient's theory of disease for the physician-patient relation] Becker H. **Psychother Psychosom Med Psychol** 1984 Dec; 34(12):313–21 (Eng. Abstr.) **(Ger)**

[Use of projective picture material in psychotherapy] Meyer JE. **Psychother Psychosom Med Psychol** 1984 Aug; 34(8):187–92 (Eng. Abstr.) **(Ger)**

[Compensation neurosis: a psychosocial arrangement--II] Schlierf C. **Psychother Psychosom Med Psychol** 1985 Feb; 35(2):41–6 (Eng. Abstr.) **(Ger)**

[Specificity of 'pensée opératoire' in psychosomatic disorders] Vogt R, et al. **Psychother Psychosom Med Psychol** 1985 Jun;35(6):160–6 (Eng. Abstr.) **(Ger)**

[Concept of the 'unfulfilled life' in the work of Viktor von Weizsäcker] Zacher A. **Psychother Psychosom Med Psychol** 1984 Sep–Oct; 34(9–10):237–41 (Eng. Abstr.) **(Ger)**

[Female reasons for hysterectomy] Zintl-Wiegand A. **Psychother Psychosom Med Psychol** 1984 Aug;34(8):205–12 (Eng. Abstr.) **(Ger)**

[Psychosomatic genesis of coronary heart disease] Lanfranconi B, et al. **Schweiz Rundsch Med Prax** 1985 Feb 12;74(7):150–7 (157 ref.) (Eng. Abstr.) **(Ger)**

[Pain] Adler R. **Ther Umsch** 1984 Nov;41(11):765–9 (Eng. Abstr.) **(Ger)**

[Psychosocial relations in medical practice] Horn B. **Ther Umsch** 1984 Nov;41(11):796–808 (Eng. Abstr.) **(Ger)**

[Psychosomatic aspects of inflammatory diseases of the pelvis] Pödinger W. **Ther Umsch** 1984 Jul;41(7):490–4 (Eng. Abstr.) **(Ger)**

[Psychophysiologic and psychosomatic disease pictures] Radvila A. **Ther Umsch** 1984 Nov;41(11):770–8 (Eng. Abstr.) **(Ger)**

[Model concepts of disease formation and development from the viewpoint of psychotherapy] Hess H, et al. **Z Arztl Fortbild (Jena)** 1985;79(4):141–5 **(Ger)**

[Work disability as chronifying factor of neurotic disorders] Kneschke M. **Z Arztl Fortbild (Jena)** 1985;79(4):151–3 **(Ger)**

[Stressors as the cause of gerontopsychiatric diseases] Oesterreich K. **Z Gerontol** 1984 Jul–Aug;17(4):181–5 (Eng. Abstr.) **(Ger)**

[Stress and coping with stress in the aged] Thomae H. **Z Gerontol** 1984 Jul–Aug;17(4):177–80 **(Ger)**

[Significance of object loss on the course of psychosomatic diseases] Schaeffer G, et al. **Z Gesamte Inn Med** 1984 Nov 1;39(21):545–8 (Eng. Abstr.) **(Ger)**

[Compulsion in neurosis, psychosis and psychosomatic disease] Lang H. **Z Klin Psychol Psychopathol Psychother** 1985;33(1):65–76 (Eng. Abstr.) **(Ger)**

[The virile crisis in the 6th decade] Pauleikhoff B. **Z Klin Psychol Psychopathol Psychother** 1984;32(2):112–6 **(Ger)**

[Affect processing in psychosomatic patients. I] Ahrens S. **Z Psychosom Med Psychoanal** 1984;30(3):201–13 (Eng. Abstr.) **(Ger)**

[Affect processing in psychosomatic patients. II] Ahrens S, et al. **Z Psychosom Med Psychoanal** 1984;30(4):357–76 (Eng. Abstr.) **(Ger)**

[Personality structure of the psoriasis patient. Possibilities and necessities of differential psychodiagnosis in psychosomatic questions] Hünecke P, et al. **Z Psychosom Med Psychoanal** 1985;31(2):105–17 (Eng. Abstr.) **(Ger)**

[Psychosomatic aspects of psoriasis: affectivity and conflict] Molitor P, et al. **Z Psychosom Med Psychoanal** 1984; 30(3):247–69 (Eng. Abstr.) **(Ger)**

[Non-organically-induced vertigo] Payk TR. **Z Psychosom Med Psychoanal** 1985;31(1):25–31 (Eng. Abstr.) **(Ger)**

[Headache and perception] Plassmann R. **Z Psychosom Med Psychoanal** 1985;31(1):1–13 (Eng. Abstr.) **(Ger)**

[Borderline structure and painful skin hemorrhages: a case of Gardner-Diamond syndrome] Plassmann R. **Z Psychosom Med Psychoanal** 1985;31(2):118–28 (Eng. Abstr.) **(Ger)**

[Psychosomatic reactions to the experience of near death. A state of affective dissociation] Stumpfe KD. **Z Psychosom Med Psychoanal** 1985;31(3):215–25 (Eng. Abstr.) **(Ger)**

[Inflammatory intestinal diseases from the organic and psychosomatic viewpoint] Klussmann R. **Zentralbl Chir** 1985;110(1):32–9 (Eng. Abstr.) **(Ger)**

[Psychological factors in isthmic tubal occlusion] Knorre P, et al. **Zentralbl Gynakol** 1985;107(5):288–93 (Eng. Abstr.) **(Ger)**

[Premature uterine contraction from the psychosomatic viewpoint. A critical literature review of methods] Thormann K, et al. **Zentralbl Gynakol** 1984;106(15):1045–67 (Eng. Abstr.) **(Ger)**

[Irritable colon and psychosomatic disease] Morini A, et al. **Minerva Med** 1984 Aug 25;75(32–33):1899–902 (Eng. Abstr.) **(Ita)**

[The Beck Depression Inventory in psychosomatic research] Ancona M, et al. **Minerva Psichiatr** 1985 Jan–Mar; 26(1):41–5 (Eng. Abstr.) **(Ita)**

[Selected aspects of the study and treatment of stuttering] Wolak K. **Psychiatr Pol** 1984 Jul–Aug;18(4):401–6 (13 ref.) **(Pol)**

[Psychosomatic aspects of glossodynia] Soares AP. **Rev Port Estomatol Cir Maxilofac** 1984 Apr–Jun; 25(2):815–25 **(Por)**

[Several functional psychosomatic diseases of the gastrointestinal tract] Korkina MV, et al. **Zh Nevropatol Psikhiatr** 1984;84(9):1339–45 (Eng. Abstr.) **(Rus)**

[Personality aspects of psychosomatic correlations in essential hypertension (review)] Rukhmanov AA. **Zh Nevropatol Psikhiatr** 1985;85(6):915–25 (171 ref.) **(Rus)**

[Somaticized mental disorders in the course of mental illnesses and borderline states. Various aspects of psychopathology and clinical typology (review of the foreign literature)] Smulevich AB, et al. **Zh Nevropatol Psikhiatr** 1984;84(8):1233–45 (239 ref.) **(Rus)**

[Psychophysiologic basis of psychopharmacologic effects in the treatment of psychosomatic diseases] Ilanković NN. **Srp Arh Celok Lek** 1984 May;112(5):625–32 **(Scc)**

[Psychosomatic sterility in women: a contribution to its study] Ingelmo Fernández J, et al. **Actas Luso Esp Neurol Psiquiatr** 1984 May–Jun; 12(3):185–91 (Eng. Abstr.) **(Spa)**

[Chronic pain and psychosomatics] Estlander AM. **Nord Med** 1985;100(3):67–8 (Eng. Abstr.) **(Swe)**

REHABILITATION

[The voice: a stake in rehabilitation in the rehabilitation game, in the therapeutic me] Veaux M. **Rev Laryngol Otol Rhinol (Bord)** 1983;104(4):315–7 (Eng. Abstr.) **(Fre)**

[Indications for environmental rehabilitation of children with psychosomatic diseases] Klinowska W, et al. **Wiad Lek** 1984 Sep 1;37(17):1326–30 (Eng. Abstr.) **(Pol)**

THERAPY

Use of behavior therapy in obstetrics and gynecology. Klonoff EA, et al. **Adv Psychosom Med** 1985;12:150–65

Psychosomatic inpatient therapy in West Germany. Neun H, et al. **Adv Psychosom Med** 1983;11:191–7

Functional visual loss. Thompson HS. **Am J Ophthalmol** 1985 Jul 15;100(1):209–13

Psychosocial factors and the management of physical illness: a contribution to the cost-containment of medical care. Mendelson G. **Aust NZ J Psychiatry** 1984 Sep;18(3):211–6

Factors influencing the regularity of meditation practice in a clinical population. Delmonte MM.

Br J Med Psychol 1984 Sep;57 (Pt 3):275–8

The diagnosis and management of psychogenic facial pain disorders. Feinmann C, et al. **Clin Otolaryngol** 1984 Aug; 9(4):199–201

A psychiatric unit becomes a psychiatric-medical unit: administrative and clinical implications. Fogel BS. **Gen Hosp Psychiatry** 1985 Jan;7(1):26–35

Some methodological issues in consultation-liaison psychiatry research. Mitchell WD, et al. **Gen Hosp Psychiatry** 1985 Jan;7(1):66–72

Psychiatric consultation to the medical ward: a group analytic and general systems theory point of view. Gadlin W. **Int J Group Psychother** 1985 Apr;35(2):263–78

Biofeedback: is it for you? Blai B Jr. **J Am Coll Health** 1985 Apr;33(5):217–9

Deconditioning and ad hoc uses of relaxation: an overview. Wolpe J. **J Behav Ther Exp Psychiatry** 1984 Dec; 15(4):299–304

Psychophysiological aspects of cancer. Weinstock C. **Med Hypotheses** 1984 Dec;15(4):369–83

Health psychology and medicine. Asken MJ. **Pa Med** 1985 Mar;88(3):62–4

Short-term group psychotherapy. A successful approach to functional complaints. Rynearson EK, et al. **Postgrad Med** 1984 Nov 15;76(7):141–50

Stress-related disorders. Recent developments in hospital treatment. Wakeman RJ, et al. **Postgrad Med** 1985 May 1;77(6):189–96

Psychophysiological effects of therapist's active presence during biofeedback as a simple psychotherapeutic situation. Borgeat F, et al. **Psychiatr J Univ Ottawa** 1984 Sep; 9(3):132–7

The psychiatrist as physician. Campbell RJ. **Psychosomatics** 1985 Jan;26(1):48, 54

Psychosomatic consultation-liaison service in a medical out-patient department. Experience with a random sample of patients. Haag A. **Psychother Psychosom** 1984; 42(1–4):205–12

Psychosomatic parameters and the problem-oriented approach to biopsychosocial management. Krakowski AJ. **Psychother Psychosom** 1984;42(1–4):213–7

The relationship of pathogenetic mechanisms to treatment in patients with pain. Ramsay RA. **Psychother Psychosom** 1984;42(1–4):69–79

Indication in psychotherapy on the basis of a follow-up study. Senf W, et al. **Psychother Psychosom** 1984; 42(1–4):37–47

Short-term dynamic psychotherapy for patients with physical symptomatology. Sifneos PE. **Psychother Psychosom** 1984;42(1–4):48–51

A psychosomatic approach to treatment in the irritable bowel syndrome and peptic ulcer disease with aspects of the design of clinical trials. Svedlund J, et al. **Scand J Gastroenterol [Suppl]** 1985;109:147–51

[Conflict between partners as a cause of gynecologic disorders and the possibility of family therapy] Chvála V, et al. **Cesk Gynekol** 1985 Feb;50(1):47–52 **(Cze)**

[How can the child psychiatrist contribute to the pediatrician's care of the child?] Vichnar M. **Cesk Pediatr** 1985 Aug;40(8):476–7 **(Cze)**

[The treatment of physical symptoms with behavior therapy methods] Garssen B, et al. **Ned Tijdschr Geneeskd** 1985 Jun 1;129(22):1030–4 **(Dut)**

[Psychosomatic syndromes in child psychiatry and therapeutic strategies] Masson O. **Rev Med Suisse Romande** 1985 Feb;105(2):161–71 **(Fre)**

[Interdisciplinary cooperation with psychosomatic medicine] Molinski H. **Gynakologe** 1985 Mar;18(1):47–9 **(Ger)**

[Results of psychotherapy research in psychosomatic diseases] Buchborn E. **Internist (Berlin)** 1984 Nov; 25(11):674–81 **(Ger)**

[Medical consultation in the clinical visit and office hours. Hindrances and creative possibilities from the psychosomatic viewpoint] Fehlenberg D, et al. **Internist (Berlin)** 1984 Nov;25(11):682–93 **(Ger)**

[Recommendations for compliance improvement––health beliefs and compliance factors] Schoberberger R, et al. **Internist (Berlin)** 1984 Nov;25(11):694–700 **(Ger)**

[Behavior therapy in pediatrics] Matthaei R. **Monatsschr Kinderheilkd** 1984 Nov;132(11):825–41 (Eng. Abstr.) **(Ger)**

[Psychological and psychosomatic diseases in puberty (therapy analyses and catamnestic results)] Fischer H, et al. **Padiatr Padol** 1985;20(2):177–84 (Eng. Abstr.) **(Ger)**

[The psychoanalytic consultation exemplified by unmotivated (e.g., psychosomatic) patients] Schubart W. **Psyche (Stuttg)** 1985 Jun;39(6):519–37 (Eng. Abstr.) **(Ger)**

[Current problems of psychoanalytic psychosomatics] Zepf S, et al. **Psyche (Stuttg)** 1985 Aug;39(8):738–49 (Eng. Abstr.) **(Ger)**

[Psychosomatic day clinic: initial experiences] Bürckstümmer G, et al. **Psychother Psychosom Med Psychol** 1985 Feb; 35(2):47–53 (Eng. Abstr.) **(Ger)**

[The general practitioner's expectations of psychotherapists and psychiatrists] Burkhardt S. **Psychother Psychosom Med Psychol** 1985 May;35(5):116–9 (Eng. Abstr.) **(Ger)**

[Critical comments on body-related therapy forms] Kind H. **Psychother Psychosom Med Psychol** 1985 Jun;35(6):167–70 (Eng. Abstr.) **(Ger)**

[Psychosomatic consultation in a large clinic: problems of integration and patient compliance] Riehl A, et al. **Psychother Psychosom Med Psychol** 1985 Jul;35(7):183–8 (Eng. Abstr.) **(Ger)**

[Competent for questions of humanity? Problematic aspects of a patient-centered self concept of psychosocial experts in medicine] Wichmann U. **Psychother Psychosom Med Psychol** 1984 Dec; 34(12):307–12 (Eng. Abstr.) **(Ger)**

[Cooperation of the psychotherapist and family physician in psychosocial primary care] Willi J. **Psychother Psychosom Med Psychol** 1985 May;35(5):108–11 (Eng. Abstr.) **(Ger)**

[Psychosomatic day clinic: last experience?] Zwiebel R, et al. **Psychother Psychosom Med Psychol** 1985 Jul; 35(7):198–9 **(Ger)**

[Results of psychotherapy research in psychosomatic diseases] **Verh Dtsch Ges Inn Med** 1984;90 Pt 1:416–38 **(Ger)**

[Integration of psychosomatics with internal medicine. A diagnostic and therapeutic strategy for psychosomatic-internal medicine patients] Spiess K. **Wien Klin Wochenschr** 1984 Nov 9;96(21):796–801 (Eng. Abstr.) **(Ger)**

[Psychotherapy within the scope of basic ambulatory medical care] Rother M, et al. **Z Arztl Fortbild (Jena)** 1984; 78(20):857–60 **(Ger)**

[Necessity and difficulties of involvement of family members in the psychotherapy of psychosomatic patients] Venner M, et al. **Z Gesamte Inn Med** 1984 Nov 1;39(21):548–9 (Eng. Abstr.) **(Ger)**

[Formation of homogeneous psychosomatic therapy groups by use of cluster analysis algorithms] Wehner T. **Z Klin Psychol Psychopathol Psychother** 1984;32(2):169–80 **(Ger)**

[Aspects of the preliminary psychotherapeutic phase before analytic treatment of psychosomatically ill patients] Köndgen R. **Z Psychosom Med Psychoanal** 1984; 30(4):377–85 (Eng. Abstr.) **(Ger)**

[Psychological profile of the spa user. Preliminary study of motivations for spa treatment] Dioguardi N, et al. **Minerva Med** 1984 Dec 15;75(47–48):2793–8 (Eng. Abstr.) **(Ita)**

[Clinical conference at the Brazilian Institute for Study and Research in Gastroenterology] **Arq Gastroenterol** 1984 Oct–Dec;21(4):201–8 **(Por)**

[Use of hemosorption in psychoneurological disorders of somatic origin] Churkin EA. **Ter Arkh** 1984;56(11):137–9 (35 ref.) **(Rus)**

[Somatized mental disorders during mental illnesses and borderline states. Various aspects of clinical systematics, organization of medical services and treatment (review of the foreign literature)] Smulevich AB, et al. **Zh Nevropatol Psikhiatr** 1984;84(11):1722–30 (173 ref.) **(Rus)**

[Psychotherapy in irritable colon and duodenal ulcer––an effective complement to drug therapy] Sjödin I, et al. **Lakartidningen** 1984 Oct 17;81(42):3813, 3816–8 **(Swe)**

URINE

[Urinary excretion of catecholamines in children with functional disorders of the digestive system] Szewczyk L, et al. **Pediatr Pol** 1984 Oct;59(10):835–9 (Eng. Abstr.) **(Pol)**

[Activity of the adrenergic system in children with psychogenic headache] Szewczyk L, et al. **Pediatr Pol** 1984 Jul;59(7):587–90 (Eng. Abstr.) **(Pol)**

[Organ specificity of emotional-vegetative disorders and the activity of the adrenergic system] Szewczyk L. **Pediatr Pol** 1984 Jul;59(7):581–6 (Eng. Abstr.) **(Pol)**

[Catecholaminergic activity and emotional state of children with functional disorders of the circulatory system] Szewczyk L, et al. **Pediatr Pol** 1984 Aug;59(8):639–44 (Eng. Abstr.) **(Pol)**

PSYCHOPHYSIOLOGY

Abstracts of papers presented at the eleventh annual scientific meeting of the Psychophysiology Society. London, December 1983. **Biol Psychol** 1985 May;20(3):185–232

Proceedings of the second international conference of the International Organization of Psychophysiology. London, U.K., July 16th–19th, 1984. Abstracts. **Int J Psychophysiol** 1984 Dec;2(3):203–33

On 'unobtrusive psychophysiology'––fact or fiction? A rejoinder to Furedy (1983) [letter] **Int J Psychophysiol** 1984 Aug;2(1):1–4

Basic concepts of psychophysiology. Ax AF. **Int J Psychophysiol** 1983 Aug;1(1):3–6

Towards an international consensus in defining psychophysiology. Mangina CA. **Int J Psychophysiol** 1983 Aug;1(1):21–3

Detection of change in physiological measures using an adaptive Kalman filter algorithm. Heath RA. **Psychol Bull** 1984 Nov;96(3):581–8

[Man and the environment as a problem of medical hygiene] Kasal K. **Cas Lek Cesk** 1985 Jul 5;124(27):833–4 **(Cze)**

[Psychophysiology and its methodology] Radil T. **Cesk Neurol Neurochir** 1985 May;48(3):150–3 **(Cze)**

[Use of a microcomputer for routine studies and research in the field of clinical psychodiagnosis] Grünberger J, et al. **Biomed Tech (Berlin)** 1984 Nov;29(11):283–8 (18 ref.) (Eng. Abstr.) **(Ger)**

[Psychophysiology as a basic science in psychiatry] Lolas F. **Acta Psiquiatr Psicol Am Lat** 1984 Sep;30(3):184–92 (Eng. Abstr.) **(Spa)**

CLASSIFICATION

Taxonomic abstraction in psychobiology. Evans SH, et al. **J Gen Psychol** 1984 Oct;111(2ND Half):209–27

HISTORY

Linking propositions. Teller DY. **Vision Res** 1984; 24(10):1233–46

[Principle of the dominant in modern psychophysiology (on the 50th anniversary of the A. A. Ukhtomskii Physiology Institute of Leningrad State University] Batuev AS, et al. **Zh Vyssh Nerv Deiat** 1984 Nov–Dec;34(6):1011–21 **(Rus)**

[A. A. Ukhtomskii and the reflex theory of behavior] Kruglikov RI. **Zh Vyssh Nerv Deiat** 1985 May–Jun; 35(3):403–12 **(Rus)**

INSTRUMENTATION

An automated apparatus for the study of visual discriminations in pigeons. Giachetti P, et al. **Behav Brain Res** 1985 May;15(3):255–8

A removable head-mounted microdrive for unit recording in the free-behaving rat. Pager J. **Physiol Behav** 1984 Nov; 33(5):843–8

A new stabilimeter for small laboratory animals. Parreño A, et al. **Physiol Behav** 1985 Mar;34(3):475–8

An avian vocalization detector. Severns M, et al. **Physiol Behav** 1985 May;34(5):843–5

[Device for determining the spatial coordination of arm movements] Kutsenko GI, et al. **Gig Sanit** 1984 Sep; (9):49–51 **(Rus)**

[Determination of the functional lability of the human nervous system recorded on device PNN-3] Makarenko NV, et al. **Zh Vyssh Nerv Deiat** 1984 Sep–Oct;34(5):972–4 **(Rus)**

[Multi-channel self-stimulation of brain structures in a controlled experiment] Mogilevskiĭ AIa, et al. **Zh Vyssh Nerv Deiat** 1984 Sep–Oct;34(5):988–93 **(Rus)**

[Automatic device for studying alimentary motor conditioned reflexes in small laboratory animals] Pavlenko PP, et al. **Zh Vyssh Nerv Deiat** 1985 May–Jun;35(3):591–4 **(Rus)**

METHODS

PCAVR: a portable laboratory program for performing varimax-rotated principal components analysis of event-related potentials. Pritchard WS. **Brain Res Bull** 1984 Sep;13(3):465–73

A moving video window or a mask yoked to eye movements: experiments on letters, words and biological movement with prolonged hemifield stimulation. Bradshaw JL, et al. **Int J Neurosci** 1984 Dec;25(1–2):81–98

EEG assessment of brain activity: spatial aspects, segmentation and imaging. Lehmann D. **Int J Psychophysiol** 1984 Mar;1(3):267–76

Methodological problems in bilateral electrodermal research. Miossec Y, et al. **Int J Psychophysiol** 1985 Apr;2(4):247–56

Evoked potential augmenting and reducing: the methodological and theoretical significance of new electrophysiological observations. Robinson DL, et al. **Int J Psychophysiol** 1984 Aug;2(1):11–22

A computerized control system for a bar-press feeding task initiated by monkey vocalization. Yamamoto T, et al. **J Neurosci Methods** 1985 May;13(3–4):281–94

Optimum perception of odor intensity by humans. Laing DG. **Physiol Behav** 1985 Apr;34(4):569–74

An EEG averaging technique for automated sleep-wake stage identification in the rat. van Luijtelaar EL, et al. **Physiol Behav** 1984 Nov;33(5):837–41

Spatial analysis of evoked potentials in man––a review. Lehmann D, et al. **Prog Neurobiol** 1984;23(3):227–50 (47 ref.)

Psychometric properties of King's Rodent Emotionality Rating Scale. Jacobs KW, et al. **Psychol Rep** 1984 Dec; 55(3):951–8

Standardization within individuals: a simple method to neutralize individual differences in skin conductance. Ben-Shakhar G. **Psychophysiology** 1985 May;22(3):292–9

Behavioral genetic approaches to psychophysiological data. Boomsma DI, et al. **Psychophysiology** 1985 May; 22(3):249–60 (51 ref.)

Skin conductance recordings and the NaCl concentration of the electrolyte. Hygge S, et al. **Psychophysiology** 1985 May; 22(3):365–7

The interpretation of the component structure of event-related brain potentials: an analysis of expert judgments. Kramer AF. **Psychophysiology** 1985 May; 22(3):334–44

The Bayesian-inferential approach to defining response processes in psychophysiology. O'Connor K. **Psychophysiology** 1985 Jul;22(4):464–79

P300 and S-R compatibility: a reply to Magliero et al. Ragot R, et al. **Psychophysiology** 1985 May;22(3):349–52

TRENDS

Straw men and glass houses? A reply to Churchland on Reductionism [letter] Carr TH, et al. **Neuroscience** 1984 Dec;13(4):1397–404

Human psychobiology in Scandinavia: I. Psychophysiology--theory, method and empirical research. Hugdahl K. **Scand J Psychol** 1984;25(3):194-213 (168 ref.)

PSYCHOSES see **PSYCHOTIC DISORDERS**

PSYCHOSES, AFFECTIVE see **AFFECTIVE DISORDERS, PSYCHOTIC**

PSYCHOSES, ALCOHOLIC

COMPLICATIONS

Simultaneous bilateral anterior and posterior shoulder dislocations. Aufderheide TP, et al. **Am J Emerg Med** 1985 Jul;3(4):331-3

Hepatic encephalopathy and delirium tremens--double jeopardy [letter] Lichtigfeld FJ. **S Afr Med J** 1985 Jun 1;67(22):880

[Chronic alcoholic psycho-organic syndrome with an acute heterotoxic episode] Prelipceanu D. **Rev Med Interna [Neurol Psihiatr]** 1985 Jan-Mar;30(1):65-9 (Eng. Abstr.) **(Rum)**

DIAGNOSIS

The EEG pattern in delirium tremens. Schear HE. **Clin Electroencephalogr** 1985 Jan;16(1):30-2

Increased sensitivity to picrotoxin as an index of physical dependence on alcohol in the mouse. Szabó G, et al. **Drug Alcohol Depend** 1984 Oct;14(2):187-95

Alcohol withdrawal syndromes. Part I: Recognition and pathogenesis. Alpert MA. **Mo Med** 1985 Feb;82(2):79-83

[Morbidity rate in delirium tremens] Gruner J, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Jun;36(6):331-9 (Eng. Abstr.) **(Ger)**

[Differential diagnostic problems in delirium tremens] Kursawe HK, et al. **Z Arztl Fortbild (Jena)** 1984; 78(19):801-4 **(Ger)**

[Psychotic syndromes in alcoholism] Krupka-Matuszczyk I. **Wiad Lek** 1984 Sep 15;37(16):1267-9 (11 ref.) (Eng. Abstr.) **(Pol)**

[Clinical characteristics of repeated attacks of delirium tremens] Poliachenko AB. **Vrach Delo** 1984 Aug;(8):101-2 **(Rus)**

[Age and the tempo of the progression of alcoholism in patients with a history of alcoholic delirium] Kornetov NA, et al. **Zh Nevropatol Psikhiatr** 1985;85(2):259-62 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Unprecedented sedative requirements during delirium tremens. Nolop KB, et al. **Crit Care Med** 1985 Apr; 13(4):246-7

Piracetam in alcoholic psychoses: a double-blind, crossover, placebo controlled study. Skondia V, et al. **J Int Med Res** 1985;13(3):185-7

Blind study of the effect of the alpha-adrenergic agonists clonidine and lofexidine on alcohol withdrawal in the rat. Hemmingsen R, et al. **J Stud Alcohol** 1984 Jul;45(4):310-5

Suppression of an ethanol withdrawal syndrome in rats by 3-hydroxybutyrate. Derr RF, et al. **Life Sci** 1985 Feb 25; 36(8):763-7

Alcohol withdrawal syndromes. Part II: Management. Alpert MA. **Mo Med** 1985 Mar;82(3):140-4

Drug therapy in patients with hepatic encephalopathy--suggested guidelines for sedation and treatment of delirium tremens. Pillans PI, et al. **S Afr Med J** 1984 Nov 10;66(19):711

[Administration of injectable clorazepate (Tranxilium 100mg) in alcoholic psychoses] Vencovský E, et al. **Cesk Psychiatr** 1984 Aug;80(4):236-40 (Eng. Abstr.) **(Cze)**

[Therapy of delirium tremens] Schmickaly R, et al. **Z Arztl Fortbild (Jena)** 1985;79(2):51-4 **(Ger)**

ETIOLOGY

The incidence of alcohol withdrawal symptoms in admissions to the Withington Hospital Detoxification Unit. Hore BD, et al. **Alcohol Alcohol** 1985;20(1):53-6

METABOLISM

The effect of acute alcohol withdrawal on the serum potassium and total body potassium in heavy drinkers. Watson WS, et al. **Scott Med J** 1984 Oct;29(4):222-6

OCCURRENCE

Regional variation in alcoholism rates in Britain: the effect of provision and use of services. Latcham RW, et al. **Int J Epidemiol** 1984 Dec;13(4):442-6

[Delirium tremens. Epidemiological contribution of the army (letter)] Bazot M, et al. **Ann Med Interne (Paris)** 1984; 135(7):574 **(Fre)**

PATHOLOGY

Alcohol withdrawal causes a loss of cerebellar Purkinje cells in mice. Phillips SC, et al. **J Stud Alcohol** 1984 Nov; 45(6):475-80

PHYSIOPATHOLOGY

Cardiorespiratory patterns in severe delirium tremens. Abraham E, et al. **Arch Intern Med** 1985 Jun;145(6):1057-9

[Alcohol and fertility--from the andrological point of view] Schramm P. **Z Hautkr** 1985 Jul 1;60(13):1026, 1031-2, 1037-9 (Eng. Abstr.) **(Ger)**

[Liver function in patients with alcoholic delirium] Skakun NP, et al. **Vrach Delo** 1985 Jan;(1):30-2 **(Rus)**

PREVENTION & CONTROL

Clinical experience with 781 cases of alcoholism evaluated and treated on an inpatient basis by various methods. Daus AT, et al. **Int J Addict** 1985 Apr;20(4):643-50

THERAPY

[Treatment of alcoholic psychoses in patients with pulmonary tuberculosis and chronic alcoholism in a tuberculosis hospital] Kalabukha VA, et al. **Probl Tuberk** 1984 Dec; (12):49-53 (Eng. Abstr.) **(Rus)**

[Treatment of alcoholic delirium] Tselibeev BA, et al. **Sov Med** 1984;(8):96-100 **(Rus)**

PSYCHOSES, DRUG see **PSYCHOSES, SUBSTANCE-INDUCED**

PSYCHOSES, ORGANIC see **ORGANIC MENTAL DISORDERS, PSYCHOTIC**

PSYCHOSES, PARANOID see **PARANOID DISORDERS**

PSYCHOSES, PRESENILE see **DEMENTIA, PRESENILE**

PSYCHOSES, SENILE see **DEMENTIA, SENILE**

PSYCHOSES, SUBSTANCE-INDUCED

[Phencyclidine, a drug which induces psychosis: its neuropharmacological actions] Nabeshima T, et al. **Yakubutsu Seishin Kodo** 1984 Sep;4(2):133-47 (118 ref.) (Eng. Abstr.) **(Jpn)**

BLOOD

[Significance of blood level studies for therapy of epileptic mood disorders and psychoses] Diehl LW. **Nervenarzt** 1985 Jul;56(7):383-7 **(Ger)**

DIAGNOSIS

Psychosis due to transdermally administered scopolamine. MacEwan GW, et al. **Can Med Assoc J** 1985 Sep 1; 133(5):431-2

[Differential diagnosis of so-called drug-induced and endogenous psychoses] Lungershausen E. **Fortschr Med** 1984 Dec 6;102(45):1149-52 (Eng. Abstr.) **(Ger)**

[Multiphasic clinical types of methamphetamine psychosis and its dependence] Konuma K. **Seishin Shinkeigaku Zasshi** 1984;86(5):315-39 **(Jpn)**

[A case of acute recurrent methamphetamine psychosis characterized by fancy delusions of grandeur] Takezaki H, et al. **Seishin Shinkeigaku Zasshi** 1984;86(8):621-30 (Eng. Abstr.) **(Jpn)**

DRUG THERAPY

Chlorpromazine vs. meperidine in the treatment of phencyclidine psychosis. Giannini AJ, et al. **J Clin Psychiatry** 1985 Feb;46(2):52-4

Comparison of chlorpromazine, haloperidol and pimozide in the treatment of phencyclidine psychosis: DA-2 receptor specificity. Giannini AJ, et al. **J Toxicol Clin Toxicol** 1984-85;22(6):573-9

ETIOLOGY

Diphenylhydantoin encephalopathy. A case report. Gallitto G, et al. **Acta Neurol (Napoli)** 1985 Feb;7(1):1-7

Psychosis and seizures following the injection of penicillin G procaine. Hoigne's syndrome. Silber TJ, et al. **Am J Dis Child** 1985 Apr;139(4):335-7

Reversal of captopril-induced psychosis with naloxone [letter] Gillman MA, et al. **Am J Psychiatry** 1985 Feb; 142(2):270

More data on supersensitivity psychosis [letter] Witschy JK, et al. **Am J Psychiatry** 1984 Oct;141(10):1302

Magnesium deficiency psychosis induced by cancer chemotherapy. Matzen TA, et al. **Biol Psychiatry** 1985 Jul; 20(7):788-91

Bromocriptine-related psychosis and treatment. Shukla S, et al. **Biol Psychiatry** 1985 Mar;20(3):326-8

Psychotic reactions during treatment of pituitary tumours with dopamine agonists. Turner TH, et al. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1101-3

Psychosis induced by sustained-release procainamide [letter] Schubert DS, et al. **Can Med Assoc J** 1984 Nov 15; 131(10):1188, 1190

Digoxin toxicity presenting with psychosis in a patient with chronic phobic anxiety. Carney MW, et al. **Clin Neuropharmacol** 1985;8(2):193-5

Bromide psychosis: a literary case. Hurst DL, et al. **Clin Neuropharmacol** 1984;7(3):259-64

Propranolol-induced depression and psychosis. Parker WA. **Clin Pharm** 1985 Mar-Apr;4(2):214-8

Toxic psychosis: a complication of antimalarial therapy. Ward WQ, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):863-5

Nifedipine-induced psychosis [letter] Sandyk R, et al. **J Am Geriatr Soc** 1985 Feb;33(2):154

Acute psychotic reactions with diethyl carbamazine [letter] Jain AP, et al. **J Assoc Physicians India** 1985 Feb;33(2):186

Schizophreniform psychosis associated with chronic industrial toluene exposure: case report. Goldbloom D, et al. **J Clin Psychiatry** 1985 Aug;46(8):350-1

A case of mania secondary to propafenone. Jack RA. **J Clin Psychiatry** 1985 Mar;46(3):104-5

Cocaine-induced psychosis and sudden death in recreational cocaine users. Wetli CV, et al. **J Forensic Sci** 1985 Jul; 30(3):873-80

Adverse reactions to psychedelic drugs. A review of the literature. Strassman RJ. **J Nerv Ment Dis** 1984 Oct; 172(10):577-95 (171 ref.)

Prolonged parasympathetic paralysis and psychosis caused by atropine eye drops. Harel L, et al. **J Pediatr Ophthalmol Strabismus** 1985 Jan-Feb;22(1):38-9

Prolonged delirium after metrizamide myelography. Elliott RL, et al. **JAMA** 1984 Oct 19;252(15):2057-8

Pemoline abuse. Polchert SE, et al. **JAMA** 1985 Aug 16; 254(7):946-7

Teenage procyclidine abuse [letter] McGucken RB, et al. **Lancet** 1985 Jun 29;1(8444):1514

Psychotic symptoms in volunteers serving overseas [letter] Ragan E, et al. **Lancet** 1985 Jul 6;2(8445):37

Psychiatric side-effects of acyclovir in patients with chronic renal failure [letter] Tomson CR, et al. **Lancet** 1985 Aug 17;2(8451):385-6

Acute psychosis associated with codeine and acetaminophen: a case report. Malek-Ahmadi P, et al. **Neurobehav Toxicol Teratol** 1985 Mar-Apr;7(2):193-4

Adverse toxic reaction to aqueous procaine penicillin G. Landis BJ, et al. **Nurse Pract** 1984 Nov;9(11):36, 41-2, 44

Acute psychosis secondary to bromocriptine treatment in a patient with a prolactinoma. Cabeza GA, et al. **Rev Invest Clin** 1984 Apr-Jun;36(2):147-9

['A visit from an old friend'; paranoid psychosis in chronic bromide poisoning] Tan KL, et al. **Ned Tijdschr Geneeskd** 1984 Oct 13;128(41):1929-30 **(Dut)**

[Poisoning psychoses following suicide attempts with diphenhydramine] Trabert W. **Nervenarzt** 1985 Jan; 56(1):48-9 **(Ger)**

[Complication of aminoglycoside therapy: acute psychosis and renal insufficiency] Tolnai A, et al. **Orv Hetil** 1984 Dec 9;125(50):3047-50 (Eng. Abstr.) **(Hun)**

[Acute organic psychosyndrome during therapy with disulfiram] Jašović-Gašić M, et al. **Srp Arh Celok Lek** 1984 Feb;112(2):235-8 (Eng. Abstr.) **(Scc)**

[Case report of epileptic psychosis caused by drugs] Panić A, et al. **Med Pregl** 1985;38(1-2):57-60 (Eng. Abstr.) **(Scr)**

[Artane psychoses] Panić A, et al. **Med Pregl** 1985; 38(3-4):161-3 (Eng. Abstr.) **(Scr)**

[Persistent hallucinatory symptoms in a case of bismuth encephalopathy] Saiz Ruiz J, et al. **Actas Luso Esp Neurol Psiquiatr** 1984 Nov-Dec; 12(6):427-33 (Eng. Abstr.) **(Spa)**

[Psychotic behavior induced by valproic acid (letter)] Parajua JL, et al. **Med Clin (Barc)** 1984 Nov 3;83(14):607 **(Spa)**

[Is the combination of amphetamine and chloroquine the cause of unexpected psychological symptoms?] **Lakartidningen** 1985 May 22;82(21):1962 **(Swe)**

[Potentially severe and often insidious adverse psychological effects of chloroquine] Snellman AM, et al. **Lakartidningen** 1985 May 22;82(21):1961-2 **(Swe)**

PHYSIOPATHOLOGY

Cimetidine-induced psychosis in a 14-year-old girl. Papp KA, et al. **Can Med Assoc J** 1984 Nov 1;131(9):1081, 1084

PSYCHOSES, TOXIC see **PSYCHOSES, SUBSTANCE-INDUCED**

PSYCHOSES, TRAUMATIC see **ORGANIC MENTAL DISORDERS, PSYCHOTIC**

PSYCHOSEXUAL DEVELOPMENT

Similarities in becoming: transsexuals and adolescents. Fleming M, et al. **Adolescence** 1984 Fall;19(75):729-48

Female sexuality and feminine development: freud and his legacy. Lothstein LM. **Adv Psychosom Med** 1985;12:57-70

The adolescent with end-stage renal disease. Fine RN. **Am J Kidney Dis** 1985 Aug;6(2):81-5

Modern correlates of Freudian psychology. Infant sexuality and the unconscious. Lehrer S. **Am J Med** 1984 Dec; 77(6):977-80

Oral sex in an adolescent population. Newcomer SF, et al. **Arch Sex Behav** 1985 Feb;14(1):41-6

Rites of passage in families with adolescents. Quinn WH, et al. **Fam Process** 1985 Mar;24(1):101-11

Psychosexual milestones in women prenatally exposed to diethylstilbestrol. Meyer-Bahlburg HF, et al. **Horm Behav** 1984 Sep;18(3):359-66

Discussions with Anna Freud on The Ego and the Mechanisms of Defence: The Ego and the Id at Puberty. Sandler J. **Int J Psychoanal** 1983;64 (Pt 4):401-6

Sexual habilitation of youngsters with chronic illness or disabling conditions. Evans J, et al. **J Allied Health** 1985 Feb;14(1):79–87

Psychoanalytic constructions of female development and women's conflicts about achievement. Part I. Kanefield L. **J Am Acad Psychoanal** 1985 Apr;13(2):229–46

Gender and gender role. Panel report. **J Am Psychoanal Assoc** 1982;30(1):185–96

Notes on critical examinations of the primal scene concept. Dahl G. **J Am Psychoanal Assoc** 1982;30(3):657–77

The development of masculinity: a cross-cultural contribution. Stoller RJ, et al. **J Am Psychoanal Assoc** 1982; 30(1):29–59

A developmental line of gender identity, gender role, and choice of love object. Tyson P. **J Am Psychoanal Assoc** 1982;30(1):61–86

Nature/nurture: reflections on approaches to the study of homosexuality. Ruse M. **J Homosex** 1984 Winter; 10(3–4):141–51

Biology, ideology, and the reification of developmental stages in the study of homosexual identities. Weinberg TS. **J Homosex** 1984 Winter;10(3–4):77–84

A psychological comparison of heterosexuals, transvestites, preoperative transsexuals, and postoperative transsexuals. Beatrice J. **J Nerv Ment Dis** 1985 Jun;173(6):358–65

Psychosexual development: a model for teaching nursing intervention. Conners VL, et al. **J Nurs Educ** 1984 Oct; 23(8):356–8

Learning to drink: the influence of impaired psychosexual development. Gomez J. **J Psychosom Res** 1984; 28(5):403–10

Psychosexual development as a process of equilibration. Juni S. **Psychoanal Rev** 1984 Dec;71(4):619–34

Correlation of moral development with use of birth control and pregnancy among teenage girls. Jurs J. **Psychol Rep** 1984 Dec;55(3):1009–10

Character and defense: relationships between oral, obsessive and hysterical character traits and defense mechanisms. von der Lippe A, et al. **Scand J Psychol** 1984;25(3):258–64

[Do 'sexually immature' pedophilic delinquents differ from pedophiles?] Lachman M. **Cesk Psychiatr** 1985 Jun; 81(3):198–202 (Eng. Abstr.) **(Cze)**

[Mental anorexia and sexuality in women] Raboch J Jr, et al. **Cesk Psychiatr** 1984 Oct;80(5):329–34 (Eng. Abstr.) **(Cze)**

[Narcissism and the drives] Lavoie JG. **Psychiatr J Univ Ottawa** 1984 Sep;9(3):107–14 (Eng. Abstr.) **(Fre)**

[Relevance of sodomy in adolescence] Fehlow P. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Apr; 37(4):228–33 (Eng. Abstr.) **(Ger)**

[Threshold status in adolescence] Seidler C. **Z Arztl Fortbild (Jena)** 1985;79(4):159–61 **(Ger)**

[Biological basis of the psychosexual development of the adolescent] Tirado-Rasso O. **Bol Med Hosp Infant Mex** 1985 May;42(5):332–6 (Eng. Abstr.) **(Spa)**

PSYCHOSEXUAL DISORDERS

Inhibited sexual desire and orgasmic dysfunction in women. LaFerla JJ. **Clin Obstet Gynecol** 1984 Sep;27(3):738–49

[Sexuality: relevance in the university milieu] Abdo CH. **Rev Paul Med** 1984 Nov–Dec;102(6):282 **(Por)**

CEREBROSPINAL FLUID

Increased cerebrospinal fluid 5-hydroxytryptamine and 5-hydroxyindoleacetic acid in Kleine-Levin syndrome. Koerber RK, et al. **Neurology** 1984 Dec;34(12):1597–600

CHEMICALLY INDUCED

Inhibited female orgasm as a side effect of alprazolam [letter] Sangal R. **Am J Psychiatry** 1985 Oct;142(10):1223–4

CLASSIFICATION

Multiaxial classification of male sexual dysfunction. Benkert O, et al. **Br J Psychiatry** 1985 Jun;146:628–32

COMPLICATIONS

Women, alcohol, and sexuality. Covington SS, et al. **Adv Alcohol Subst Abuse** 1984 Fall;4(1):41–56

Psychotherapeutic intervention for treatment of couples with secondary infertility. Sarrel PM, et al. **Fertil Steril** 1985 Jun;43(6):897–900

Psychosexual factors in infertility. Aribarg S, et al. **J Med Assoc Thai** 1985 Feb;68(2):87–91

DIAGNOSIS

A Sexual Functioning Scale in multiple sclerosis. Szasz G, et al. **Acta Neurol Scand [Suppl]** 1984;101:37–43

The Golombok-Rust Inventory of Sexual Satisfaction (GRISS). Rust J, et al. **Br J Clin Psychol** 1985 Feb;24 (Pt 1):63–4

Screening for sexual dysfunction. Hammond DC. **Clin Obstet Gynecol** 1984 Sep;27(3):732–7

[Klismaphilia--a newly described anomaly, psychopathy or unusual phenomenon?] Godlewski J, et al. **Psychiatr Pol** 1984 Mar–Apr;18(2):165–9 **(Pol)**

ETIOLOGY

Erotomania in Schneider-positive schizophrenia. A case report. Hayes M, et al. **Br J Psychiatry** 1985 Jun;146:661–3

Psychosexual responses to infertility. Keye WR Jr. **Clin Obstet Gynecol** 1984 Sep;27(3):760–6

Neuroendocrinologic developments in sexuality: beta-endorphins in sexual desire phase disorders. Chapman JD. **J Am Osteopath Assoc** 1984 Dec;84(4):368–71

HISTORY

Joan of Arc and DSM III. Henker FO. **South Med J** 1984 Dec;77(12):1488–90

OCCURRENCE

Prevalence of psychosexual problems in patients attending a genitourinary clinic. Slatford K, et al. **Br J Vener Dis** 1984 Dec;60(6):398–401

PSYCHOLOGY

Sexual dysfunctions following diseases of the reproductive organs. Wise TN. **Adv Psychosom Med** 1985;12:136–49

Secondary premature ejaculation. Williams W. **Aust NZ J Psychiatry** 1984 Dec;18(4):333–40

Sexual dysfunction and interpersonal stress: the significance of the presenting complaint in seeking and engaging help. Clulow C. **Br J Med Psychol** 1984 Dec;57 (Pt 4):371–80

Ejaculatory incompetence: a theoretical formulation and case illustration. Libman E, et al. **J Behav Ther Exp Psychiatry** 1984 Jun;15(2):127–31

Correlations between female sex roles and attitudes toward male sexual dysfunction in thirty women. Daniel DG, et al.' **J Sex Marital Ther** 1984 Fall;10(3):160–9

Three-year follow-up of couples evaluated for sexual dysfunction. De Amicis LA, et al. **J Sex Marital Ther** 1984 Winter;10(4):215–28

Sexual fantasy and activity patterns of males with inhibited sexual desire and males with erectile dysfunction versus normal controls. Nutter DE, et al. **J Sex Marital Ther** 1985 Summer;11(2):91–8

Anaesthetic ejaculation. Williams W. **J Sex Marital Ther** 1985 Spring;11(1):19–29

Psychosexual problems. Tunnadine P. **Practitioner** 1985 May; 229(1403):453–5, 457

The sexual experience: a motivational analysis. Bernal y del Rio V. **Psychiatr J Univ Ottawa** 1984 Dec;9(4):196–206

Sexual dissatisfaction of female alcoholics. Peterson JS, et al. **Psychol Rep** 1984 Dec;55(3):744–6

[The effect of the family environment on the self-confidence, the identification process and choice of a life partner in sexually dysfunctional men] Sípová I. **Cas Lek Cesk** 1985 May 17;124(20):626–30 (Eng. Abstr.) **(Cze)**

[Sex life following hysterectomy] Raboch J, et al. **Geburtshilfe Frauenheilkd** 1985 Jan;45(1):48–50 (Eng. Abstr.) **(Ger)**

[Profile of the present-day sexual offender in relation to indecent acts] Ponikiewska W, et al. **Psychiatr Pol** 1984 Mar–Apr;18(2):137–41 (Eng. Abstr.) **(Pol)**

THERAPY

Treatment of male sexual dysfunction: sex therapy compared with systematic desensitization and rational emotive therapy. Everaerd W, et al. **Behav Res Ther** 1985; 23(1):13–25

Biofeedback as an adjunct to psychotherapy in the treatment of vaginismus. Barnes J, et al. **Biofeedback Self Regul** 1984 Sep;9(3):281–9

Case reports on the use of meditative relaxation as an intervention strategy with retarded ejaculation. Delmonte MM. **Biofeedback Self Regul** 1984 Jun;9(2):209–14

Male homosexuality and sexual problems. Green J, et al. **Br J Hosp Med** 1985 Jun;33(6):353–5

Sex therapy today. Rosenbaum MB. **Bull Menninger Clin** 1985 May;49(3):270–9

Sexual medicine [editorial] Maurice WL. **Can Med Assoc J** 1985 May 15;132(10):1123–5

Sexual counseling for the nontherapist. Reamy K. **Clin Obstet Gynecol** 1984 Sep;27(3):781–8

Effect of pubococcygeal exercise on female sexuality: comment on Chambless et al. Jayne CE. **J Consult Clin Psychol** 1985 Apr;53(2):269–72

Effectiveness of single therapists versus cotherapy teams in sex therapy. LoPiccolo J, et al. **J Consult Clin Psychol** 1985 Jun;53(3):287–94

Treatment of sexual dysfunctions in male-only groups: predicting outcome. Dekker J, et al. **J Sex Marital Ther** 1985 Summer;11(2):80–90

Sexual dysfunction in gay men requesting treatment. Paff BA. **J Sex Marital Ther** 1985 Spring;11(1):3–18

Compulsive sexual behavior: definition of a problem and an approach to treatment. Quadland MC. **J Sex Marital Ther** 1985 Summer;11(2):121–32

Vaginismus. A case report. Krige P. **S Afr Med J** 1985 Jun 29;67(26):1057–9

[Sex disorders in gynecologic practice: what can be done?] Blaser A. **Gynakol Rundsch** 1985;25(1):1–14 **(Ger)**

PSYCHOSEXUAL DYSFUNCTIONS see under **PSYCHOSEXUAL DISORDERS**

PSYCHOSINE see under **SPHINGOSINE**

PSYCHOSIS, BRIEF REACTIVE see **PSYCHOTIC DISORDERS**

PSYCHOSIS, INVOLUTIONAL see **DEPRESSION, INVOLUTIONAL**

PSYCHOSIS, MANIC-DEPRESSIVE see **BIPOLAR DISORDER**

PSYCHOSOCIAL DEPRIVATION

Somatomedin C response to growth hormone in psychosocial growth retardation. Holmes NE, et al. **Am J Med Sci** 1984 Sep;288(2):86–8

Gerontic occupational therapy--psychological and social predictors of participation and therapeutic benefits. Arnetz BB. **Am J Occup Ther** 1985 Jul;39(7):460–5

Gonadal response to psychosocial stress in male tree shrews (Tupaia belangeri) morphometry of testis, epididymis and prostate. Fischer HD, et al. **Andrologia** 1985 May–Jun; 17(3):262–75

Psychosocial impacts on a thalassemic patient's life. Giordano V. **Ann NY Acad Sci** 1985;445:324–6

A psychosocial needs assessment of patients with homozygous beta-thalassemia. Woo R, et al. **Ann NY Acad Sci** 1985;445:316–23

Similarities and differences between nonorganic failure to thrive and deprivation dwarfism. Oates RK. **Child Abuse Negl** 1984;8(4):439–45

Pre-school intervention programmes. Reader L. **Child Care Health Dev** 1984 Jul–Aug;10(4):237–51

Interpreting research on the homeless mentally ill: some caveats. Bachrach LL. **Hosp Community Psychiatry** 1984 Sep;35(9):914–7

Research on services for the homeless mentally ill. Bachrach LL. **Hosp Community Psychiatry** 1984 Sep;35(9):910–3

A survey of the problems and needs of homeless consumers of acute psychiatric services. Ball FL, et al. **Hosp Community Psychiatry** 1984 Sep;35(9):917–21

Homelessness: the need for mental health advocates. Bassuk EL. **Hosp Community Psychiatry** 1984 Sep;35(9):867

The mentally ill homeless: isolation and adaptation. Cohen NL, et al. **Hosp Community Psychiatry** 1984 Sep; 35(9):922–4

Deinstitutionalization and the homeless mentally ill. Lamb HR. **Hosp Community Psychiatry** 1984 Sep;35(9):899–907

Short communication: effects of environmental enrichment on the mental and psychomotor development of orphanage children. Hakimi-Manesh Y, et al. **J Child Psychol Psychiatry** 1984 Oct;25(4):643–50

Extreme deprivation in early childhood--I. Diverse outcomes for three siblings from an extraordinary family. Skuse D. **J Child Psychol Psychiatry** 1984 Oct;25(4):523–41

Extreme deprivation in early childhood--II. Theoretical issues and a comparative review. Skuse D. **J Child Psychol Psychiatry** 1984 Oct;25(4):543–72

Severe obstructive sleep apnea--II: Associated psychopathology and psychosocial consequences. Kales A, et al. **J Chronic Dis** 1985;38(5):427–34

Environmental deprivation and transient elevation of sweat electrolytes. Christoffel KS, et al. **J Pediatr** 1985 Aug; 107(2):231–4

A developmental study of reactions to frustration among Scheduled Caste Indians. Dubey SN, et al. **J Pers Assess** 1985 Feb;49(1):43–6

Effect of prolonged deprivation on attribution of causes of success and failure. Jain U, et al. **J Soc Psychol** 1984 Dec; 124(2ND Half):143–9

Illegitimate birth and deprivation: recent findings from an exploratory study. Filinson R. **Soc Sci Med** 1985; 20(4):307–14

[Research on the infants of deprived families] David M, et al. **Psychiatr Enfant** 1984;27(1):175–222 **(Fre)**

[Social deprivation in early childhood: endangered development and prevention] Jungmann J. **Klin Padiatr** 1984 Sep–Oct;196(5):259–63 (Eng. Abstr.) **(Ger)**

PSYCHOSOMATIC DISORDERS see **PSYCHOPHYSIOLOGIC DISORDERS**

PSYCHOSOMATIC MEDICINE

Consultation-liaison throughout the world. **Adv Psychosom Med** 1983;11:1–214 (55 ref.)

Consultation-liaison activities in West Germany: introduction. Freyberger H, et al. **Adv Psychosom Med** 1983;11:164–5

Clinical and educational activities of a psychosomatic division. Freyberger H, et al. **Adv Psychosom Med** 1983; 11:166–75

The psychosomatic ward. Köhle K. **Adv Psychosom Med** 1983;11:176–90

The evolution of psychosomatic medicine and consultation-liaison psychiatry. Leigh H. **Adv Psychosom Med** 1983;11:1–22

Psychosomatic inpatient therapy in West Germany. Neun H, et al. **Adv Psychosom Med** 1983;11:191–7

Liaison psychiatry (liaison medicine). Oken D. **Adv Psychosom Med** 1983;11:23–51 (95 ref.)

Practical distinctions between consultative psychiatry and liaison medicine. Schubert DS. **Adv Psychosom Med** 1983; 11:52–61

Psychosomatic medicine and the problem of meaning.

Barnard D. **Bull Menninger Clin** 1985 Jan;49(1):10-28 (65 ref.)

A comparison of staff and patient perceptions of a child and adolescent psychosomatic unit and a pediatric unit. Terry KE, et al. **Child Psychiatry Hum Dev** 1984 Summer; 14(4):230-48

New horizons for psychosomatic medicine. Jenkins CD. **Psychosom Med** 1985 Jan-Feb;47(1):3-25 (24 ref.)

Psychosomatic research and practice. Proceedings of the 7th world congress of the International College of Psychosomatic Medicine. Hamburg, July 17-22, 1983. **Psychother Psychosom** 1984;42(1-4):1-224

The medical-psychiatric unit: a novel psychosomatic approach. Fava GA, et al. **Psychother Psychosom** 1985; 43(4):194-201

Ernst August Dölle's views on German psychosomatics. Speidel H. **Psychother Psychosom** 1984;42(1-4):106-12

The structure of health care service—so-called the worried well patients and psychosomatic medicine. Osada H. **Sangyo Ika Daigaku Zasshi** 1984 Dec 1;6(4):359-68 (16 ref.)

[Psychosomatic medicine in traditional Chinese medicine] Xu JM. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):510-1 **(Chi)**

[Significance of basic concepts in depth psychology for psychosomatics] Barz H. **Schweiz Med Wochenschr** 1984 Dec 8;114(49):1810-3 (Eng. Abstr.) **(Ger)**

[What is 'psychosomatics'?] von Uexküll T. **Schweiz Med Wochenschr** 1984 Dec 8;114(49):1806-9 (Eng. Abstr.) **(Ger)**

[Planning a health care delivery system and psychosomatic medicine] Osada H. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):255-63 (Eng. Abstr.) **(Jpn)**

[Philosophy and the psychosomatic problem of medicine] Petlenko VP, et al. **Voen Med Zh** 1984 Sep;(9):11-6 **(Rus)**

EDUCATION

[Empirical findings on the effectiveness of the student's optional psychosomatic subject model of the Hannover Medical School] Lempa W, et al. **Psychother Psychosom Med Psychol** 1985 May;35(5):127-32 (Eng. Abstr.) **(Ger)**

HISTORY

Descartes and psychosomatic medicine [letter] Weiner H. **Psychosom Med** 1985 Jan-Feb;47(1):67-9

Psychosomatic medicine: its past and present. Schwab JJ. **Psychosomatics** 1985 Jul;26(7):583-5, 588-9, 592-3

[Psychosomatics, psychoanalysis, critique of civilization. Alexander Mitscherlich's Collected Writings] Brede K, et al. **Psyche (Stuttg)** 1984 Nov;38(11):1023-52 **(Ger)**

[Integration of psychotherapy into clinical medicine in Germany—contribution of J. H. Schultz] Schröder C, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Oct; 36(10):586-90 (Eng. Abstr.) **(Ger)**

TRENDS

The feeling of professional identity in an integrated psychosomatic approach. Gaus E, et al. **Psychother Psychosom** 1984;42(1-4):164-76

What the future holds for psychosomatic medicine. Weiner H. **Psychother Psychosom** 1984;42(1-4):15-25

PSYCHOSURGERY

Experience of temporal lobectomy as a treatment modality for epilepsy, using inter-ictal EEG data alone to localize the epileptogenic focus. Carey P, et al. **Ir Med J** 1985 Mar; 78(3):74-7

Bilateral temporal lobectomy for late radionecrosis after radiotherapy for acromegaly. A case report. Fontana M, et al. **J Neurosurg Sci** 1984 Apr-Jun;28(2):107-12

HISTORY

[Application of the results of brain research is not without risk] Radil T. **Cesk Fysiol** 1984;33(6):489-92 **(Cze)**

METHODS

Visualisation of stereotactic radiolesions by nuclear magnetic resonance. Leksell L, et al. **J Neurol Neurosurg Psychiatry** 1985 Jan;48(1):19-20

PSYCHOLOGY

The new Maudsley series of temporal lobectomy. I: Short-term cognitive effects. Powell GE, et al. **Br J Clin Psychol** 1985 May;24 (Pt 2):109-24

TRENDS

[Psychosurgery: its place in the past and in the present (editorial)] Treves I, et al. **Harefuah** 1983 Oct 16; 105(8):235-6 **(Heb)**

UTILIZATION

The underutilisation of surgery in the therapy of epilepsy [editorial] Ward AA Jr. **Ir Med J** 1985 Jun;78(6):150-1

PSYCHOTHERAPY

Phobic states presenting as somatic complaints syndromes in Nigeria: socio-cultural factors associated with diagnosis and psychotherapy. Morakinyo O. **Acta Psychiatr Scand** 1985 Apr;71(4):356-65

The cultural perspective of therapeutic relationship—a viewpoint from Africa. Neki JS, et al. **Acta Psychiatr Scand** 1985 Jun;71(6):543-50

Effects of psychotherapy in schizophrenia. A retrospective study. Sjöström R. **Acta Psychiatr Scand** 1985 May; 71(5):513-22

The family meeting as a darkroom: countertransference issues with severely disturbed adolescents. Feinsilver DB. **Adolesc Psychiatry** 1985;12:509-23

Suicide attempted by self-immolation during adolescence. II. Psychiatric treatment and outcome. Stonddard FJ, et al. **Adolesc Psychiatry** 1985;12:266-80

Countertransference issues in psychotherapy with adolescents. Zaslow SL. **Adolesc Psychiatry** 1985;12:524-34

Motivating institutionalized adolescents for psychotherapy. Ranieri DJ. **Adolescence** 1984 Winter;19(76):925-33 (17 ref.)

Maintenance treatment of recurrent unipolar depression: pharmacology and psychotherapy. Frank E, et al. **Adv Biochem Psychopharmacol** 1985;40:139-51

Consultation-liaison activities in West Germany: introduction. Freyberger H, et al. **Adv Psychosom Med** 1983;11:164-5

Clinical and educational activities of a psychosomatic division. Freyberger H, et al. **Adv Psychosom Med** 1983; 11:166-75

Medical psychotherapy. Goldberg RL, et al. **Am Fam Physician** 1985 Jan;31(1):173-8

Clients' reactions to sexual intimacy in therapy. Sonne J, et al. **Am J Orthopsychiatry** 1985 Apr;55(2):183-9

A new look at evidence about reduced cost of medical utilization following mental health treatment. Mumford E, et al. **Am J Psychiatry** 1984 Oct;141(10):1145-58 (96 ref.)

Other determinants of therapeutic modality choice [letter] Sander FM. **Am J Psychiatry** 1984 Nov;141(11):1493-4

Therapeutic perspectives on father-daughter incest. Swanson L, et al. **Am J Psychiatry** 1985 Jun;142(6):667-74 (60 ref.)

Severity of psychiatric symptoms as a predictor of benefits from psychotherapy: the Veterans Administration-Penn study. Woody GE, et al. **Am J Psychiatry** 1984 Oct; 141(10):1172-7

The private versus the public psychiatric interview. Zinberg NE. **Am J Psychiatry** 1985 Aug;142(8):889-94

The two-way street: aspects of regression in psychotherapy with aging patients. Bienenfeld D. **Am J Psychother** 1985 Jan;39(1):86-94

Psychotherapists as suicide survivors. Goldstein LS, et al. **Am J Psychother** 1984 Jul;38(3):392-8

Turner's syndrome: assessment and treatment for adult psychiatric patients. Hynes P, et al. **Am J Psychother** 1984 Oct;38(4):558-65

Shared religious belief as resistance in psychotherapy. Kehoe N, et al. **Am J Psychother** 1984 Oct;38(4):579-85

Outpatient management of the suicidal child. Robinson LH. **Am J Psychother** 1984 Jul;38(3):399-412

NIMH Treatment of Depression Collaborative Research Program. Background and research plan. Elkin I, et al. **Arch Gen Psychiatry** 1985 Mar;42(3):305-16

Facilitating patient acceptance of a psychiatric referral. Bursztajn H, et al. **Arch Intern Med** 1985 Jan;145(1):73-5

Quality assurance project [letter] Grant WB. **Aust NZ J Psychiatry** 1984 Dec;18(4):396

Psychotherapy: the treatment of choice for neurotic/reactive depression? Parker G. **Aust NZ J Psychiatry** 1985 Mar; 19(1):36-43

The non-pharmacological management of anxiety. Cobb JP. **Br J Clin Pract [Symp Suppl]** 1985 May;38:42-7

Dual perspectives: clients' and therapists' perceptions of therapist responses. Caskey NH, et al. **Br J Clin Psychol** 1984 Nov;23 (Pt 4):281-90

Client disclosure and psychotherapy session evaluations. Stiles WB. **Br J Clin Psychol** 1984 Nov;23 (Pt 4):311-2

The helping interview in counselling and psychotherapy. Barrett-Lennard GT. **Br J Hosp Med** 1985 May; 33(5):287-90

Complaints of patients presenting for psychotherapy in 1938 versus 1978. Gill H. **Br J Med Psychol** 1985 Mar;58 (Pt 1):55-6

Skin conductance changes and psychotherapeutic content in the treatment of a phobic patient. Glucksman ML, et al. **Br J Med Psychol** 1985 Jun;58 (Pt 2):155-63

Younger man/older woman: a cautionary tale. Seeman MV. **Br J Med Psychol** 1985 Jun;58 (Pt 2):175-8

Prediction versus reflection in therapist demonstrations of understanding: three analogue experiments. Turkat ID, et al. **Br J Med Psychol** 1984 Sep;57 (Pt 3):235-40

What price psychotherapy [letter] **Br J Psychiatry** 1985 May; 146:555-7

What price psychotherapy? A rejoinder [editorial] Bloch S, et al. **Br J Psychiatry** 1985 Jan;146:96-8

Combined psychotherapy and pharmacotherapy for depression-the compliance variable [letter] Condon JT. **Br J Psychiatry** 1985 Jun;146:670-1

Gestalt therapy in theory and in practice. Tillett R. **Br J Psychiatry** 1984 Sep;145:231-5

Close encounters in general practice: experiences of a psychotherapy liaison team. Wilson S, et al. **Br J Psychiatry** 1985 Mar;146:277-81

Experience with bladder training in 65 patients. Ferrie BG, et al. **Br J Urol** 1984 Oct;56(5):482-4

Reassurance [editorial] Warwick HM, et al. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1028

Differences between pastoral counseling and psychotherapy. Bollinger RA. **Bull Menninger Clin** 1985 Jul;49(4):371-86

On the suicide of one's patient. Gorkin M. **Bull Menninger Clin** 1985 Jan;49(1):1-9

Sex therapy today. Rosenbaum MB. **Bull Menninger Clin** 1985 May;49(3):270-9

The re-establishment of trust through psychotherapy [letter] Millar TP. **Can J Psychiatry** 1984 Dec;29(8):720-3

From pediatrician to therapist—a bridge to cross. Menahem S, et al. **Child Psychiatry Hum Dev** 1985 Spring;15(3):180-8

Clinical approaches to traumatized parents: psychotherapy in the intensive-care nursery. Zeanah CH, et al. **Child Psychiatry Hum Dev** 1984 Spring;14(3):158-69

Treating abusive parents. Salter AC, et al. **Child Welfare** 1985 Jul-Aug;64(4):327-41

Holocaust survivors and their children: comments on psychiatric consequences and psychiatric terminology. Krell R. **Compr Psychiatry** 1984 Sep-Oct;25(5):521-8

The effect of cultural conceptions on therapy: a comparative study of patients in Israeli psychiatric clinics. Minuchin-Itzigsohn SD, et al. **Cult Med Psychiatry** 1984 Sep;8(3):229-54

Forms, difficulties, and tests of empathy. Havens LL, et al. **Hillside J Clin Psychiatry** 1984;6(2):285-91

Empathy in the self/selfobject dyad. Muslin HL. **Hillside J Clin Psychiatry** 1984;6(2):271-84

Introduction to symposium on empathy in psychotherapy. Roskin G. **Hillside J Clin Psychiatry** 1984;6(2):243-9 (29 ref.)

Chronic patient has numerous changes in drugs, therapists; makes only limited gains. Frances A, et al. **Hosp Community Psychiatry** 1985 Mar;36(3):233-5

Staff responses to the pregnancy of a therapist on an inpatient unit. Leibenluft E. **Hosp Community Psychiatry** 1984 Oct; 35(10):1033-6

Nurse-psychotherapists: whom do they treat? Pelletier LR. **Hosp Community Psychiatry** 1984 Nov;35(11):1149-50

Hypnosis as an adjunct to the psychotherapy of the severely disturbed patient: an affective development approach. Brown DP. **Int J Clin Exp Hypn** 1985 Oct;33(4):281-301

The experience of patients in conjoint individual and group psychotherapy. Bernard HS, et al. **Int J Group Psychother** 1985 Jan;35(1):129-46

Combined individual and group psychotherapy with children: an ego developmental perspective. Pfeifer G, et al. **Int J Group Psychother** 1985 Jan;35(1):11-35

Child abuse reporting laws and psychotherapy: a time for reconsideration. Smith SR, et al. **Int J Law Psychiatry** 1984; 7(3-4):351-66

Response facilitation: implications for perceptual theory, psychotherapy, neurophysiology, and earthquake prediction. Medici RG, et al. **Int J Neurosci** 1985 Apr; 26(1-2):47-52

The use of consultation in the treatment of suicidal patients. Bond M. **Int J Psychoanal Psychother** 1984-85;10:117-30

Another source of danger for psychotherapists: the supervisory introject. Lubin M. **Int J Psychoanal Psychother** 1984-85;10:25-45

Consultation in a suicidal impasse. Maltsberger JT. **Int J Psychoanal Psychother** 1984-85;10:131-58

The role of facial expressions in the holding environment. Weil NH. **Int J Psychoanal Psychother** 1984 85;10:75-89

The first 100 admissions to a regional general purpose adolescent unit. Ainsworth P. **J Adolesc** 1984 Dec; 7(4):337-48

Management of conversion reaction in five adolescent girls. Brooksbank DJ. **J Adolesc** 1984 Dec;7(4):359-76

After incest: secondary prevention? Krener P. **J Am Acad Child Psychiatry** 1985 Mar;24(2):231-4

Notes on psychotherapy research among children and adolescents. Shaffer D. **J Am Acad Child Psychiatry** 1984 Sep;23(5):552-61 (87 ref.)

Assessment and therapeutic intervention of black children. Spurlock J. **J Am Acad Child Psychiatry** 1985 Mar; 24(2):168-74

Dropout from adolescent psychotherapy: a preliminary study. Viale-Val G, et al. **J Am Acad Child Psychiatry** 1984 Sep;23(5):562-8

Changing gender stereotyped behavior: role of therapist's personal disclosure. Olarte SW. **J Am Acad Psychoanal** 1985 Apr;13(2):259-67

Communicating the value of psychotherapy with college students. Whitaker LC. **J Am Coll Health** 1985 Feb; 33(4):159-62

Treatment preparatory to psychoanalysis. Bernstein SB. **J Am Psychoanal Assoc** 1983;31(2):363-90

Patterns of attrition for psychosocial and pharmacologic treatments of depression. Last CG, et al. **J Clin Psychiatry** 1985 Sep;46(9):361-6

Clients with MMPI high D-PD: therapy implications. Anderson W, et al. **J Clin Psychol** 1985 Mar;41(2):181-8

Hedlund paranoia. George JC. **J Clin Psychol** 1985 Mar; 41(2):291-4

View from the Nation's Courts. Freishtat HW. **J Clin Psychopharmacol** 1982 Apr;2(2):148-9

View from the nation's courts. Freishtat HW. **J Clin Psychopharmacol** 1984 Feb;4(1):54-5

Solicitation of elderly depressives for treatment outcome research: a comparison of referral sources. Breckenridge JS, et al. **J Consult Clin Psychol** 1985 Aug;53(4):552-4

Psychological impacts of sexual contact between therapists or other health care practitioners and their clients. Feldman–Summers S, et al. **J Consult Clin Psychol** 1984 Dec;52(6):1054–61

Effectiveness of single therapists versus cotherapy teams in sex therapy. LoPiccolo J, et al. **J Consult Clin Psychol** 1985 Jun;53(3):287–94

Atypical stimulant responder. Varley CK. **J Dev Behav Pediatr** 1984 Dec;5(6):353–6

Therapeutic implications of viewing sexual identity in terms of essentialist and constructionist theories. Hart J. **J Homosex** 1984 Summer;9(4):39–51

Confidentiality of psychotherapeutic records. Sloan JB, et al. **J Leg Med (Chicago)** 1984 Sep;5(3):435–67 (250 ref.)

The role of the idealizing transference in the treatment of psychotic patients. Levick SE, et al. **J Nerv Ment Dis** 1985 May;173(5):292–7

Interview with Jerome Frank,Ph.D.,MD. Exploring concepts of influence, persuasion, and healing. Frank J. **J Psychosoc Nurs Ment Health Serv** 1984 Sep;22(9):32–4, 36–7

Lesbians in therapy. Morrison EG. **J Psychosoc Nurs Ment Health Serv** 1984 Aug;22(8):18–22

The multidisciplinary approach. When too many is too much. Ruch MD. **J Psychosoc Nurs Ment Health Serv** 1984 Sep; 22(9):18–23

I never promised you a rose garden. But I must remember to tell you about the thorns. Trotter CM. **J Psychosoc Nurs Ment Health Serv** 1985 Mar;23(3):15–7

Psychotherapy research [editorial] Jones HG. **J R Soc Med** 1985 Jan;78(1):3–6

Treatment of sexual dysfunctions in male–only groups: predicting outcome. Dekker J, et al. **J Sex Marital Ther** 1985 Summer;11(2):80–90

Is there a need for 'professional psychotherapy' in methadone programs? Kleber HD. **J Subst Abuse Treat** 1984;1(1):73–6

Psychoanalysis [letter] **Lancet** 1985 Mar 2;1(8427):522–3

What price psychiatry without psychotherapy? Aveline M. **Lancet** 1984 Oct 13;2(8407):856–9

Psychological treatment for benzodiazepine dependence [letter] Tyrer P, et al. **Lancet** 1985 May 4;1(8436):1042–3

Psychotherapeutic approaches in the treatment of drug abuse. O'Brien CP, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984;51:129–38

Psychotherapy for opiate dependence. Woody GE, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1985;58:9–29

The obligation to assess dangerousness. Schwartz DW. **NY State J Med** 1985 Feb;85(2):67–8

Helping children overcome the effects of abuse and neglect. Alfaro JD. **Pediatr Ann** 1984 Oct;13(10):778–87

Unraveling subjects' perceptions of paraprofessionals and professionals: a pilot study. Corcoran KJ. **Percept Mot Skills** 1985 Feb;60(1):111–4

Setting relevant patient differences––a problem in phase–IV research. Blackburn IM. **Pharmacopsychiatry** 1984 Sep; 17(5):143–7

The family physician as psychotherapist. Pelton CL. **Postgrad Med** 1985 Aug;78(2):227–30

Unemployed youth: developmental and psychotherapeutic considerations. Gold JH. **Psychiatr J Univ Ottawa** 1984 Sep;9(3):138–41

Treatment teams under war stress. Weil F. **Psychiatr J Univ Ottawa** 1985 Mar;10(1):45–7

Interdisciplinary collaboration: psychiatric medical backup in the outpatient clinic. Gardner CS, et al. **Psychiatr Q** 1983 Winter;55(4):253–60

Therapists with disabilities: theoretical and clinical issues. Asch A, et al. **Psychiatry** 1985 Feb;48(1):1–12

Female or male therapists for women patients: new formulations. Kaplan AG. **Psychiatry** 1985 May; 48(2):111–21

Interpersonal behavior and therapeutic progress: therapists and clients rate themselves and each other. Rudy JP, et al. **Psychiatry** 1985 Aug;48(3):264–81

The shared field: a precursor stage in the development of a psychotherapeutic alliance with the hospitalized chronic schizophrenic patient. Selzer MA, et al. **Psychiatry** 1984 Nov;47(4):324–32

The N of 1 Markov chain design as a means of studying the stages of psychotherapy. Tracey TJ. **Psychiatry** 1985 May;48(2):196–204

Effects of deficient reporting on meta–analysis: a conceptual framework and reanalysis. Orwin RG, et al. **Psychol Bull** 1985 Jan;97(1):134–47

Nonparametric one–way multivariate analysis of variance: a computational approach based on the Pillai–Bartlett trace. Zwick R. **Psychol Bull** 1985 Jan;97(1):148–52

Elements of prognosis in psychotherapy. Curtis JM. **Psychol Rep** 1985 Feb;56(1):11–8

Pharmacotherapy in ADD adolescents with special attention to multimodality treatments. Brown RT, et al. **Psychopharmacol Bull** 1985;21(2):192–211 (34 ref.)

The effects of a cognitive–behavioral treatment program on temporo–mandibular pain and dysfunction syndrome. Stam HJ, et al. **Psychosom Med** 1984 Nov–Dec;46(6):534–45

Prevalence and incidence of psychic disorders and the provision of psychotherapeutic care: an epidemiological field study in the Andorran Lake District 1950–1980. Bräutigam W, et al. **Psychother Psychosom** 1984; 42(1–4):113–8

Meditation as an adjunct to psychotherapy. An outcome study. Kutz I, et al. **Psychother Psychosom** 1985; 43(4):209–18

[Possibilities and limitations of psychotherapy under the conditions of intensive care units] Honzák R. **Cas Lek Cesk** 1985 Jul 26;124(30):929–33 (Eng. Abstr.) **(Cze)**

[Psychological care of patients in surgery departments] Kořán M. **Cas Lek Cesk** 1984 Nov 9;123(45):1361–5 (Eng. Abstr.) **(Cze)**

[The effect of the psychotherapist's training and professional practice on his perception of psychotherapeutic interactions] Beran J, et al. **Cesk Psychiatr** 1984 Jun; 80(3):170–3 (Eng. Abstr.) **(Cze)**

[Evaluation of a psychotherapeutic treatment program] Benjaminsen S, et al. **Ugeskr Laeger** 1984 Oct 8; 146(41):3146–52 (Eng. Abstr.) **(Dan)**

[Treatment of depression] Salminen JK. **Duodecim** 1985; 101(2):188–93 **(Fin)**

[Reflections on stuttering and the psychotherapeutic treatment of stutterers] Porret JM. **Rev Med Suisse Romande** 1985 May;105(5):413–9 **(Fre)**

[Influence of education on the physician–patient relationship (Balint) in the practice of psychotherapy] Painchaud G. **Union Med Can** 1985 Feb;114(2):160–2, 164 (Eng. Abstr.) **(Fre)**

[Use of child guidance facilities and child psychiatric polyclinics compared] Höger C, et al. **Prax Kinderpsychol Kinderpsychiatr** 1984 Oct;33(7):264–71 (Eng. Abstr.) **(Ger)**

[Some ethical aspects of psychotherapeutic work] Röhrborn H. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Jun; 37(6):318–22 (Eng. Abstr.) **(Ger)**

[Treatment conditions and discharge from the viewpoint of the therapist and patient––on the follow–up of former patients of a social psychiatric model institution] Bosch G, et al. **Psychiatr Prax** 1985 Mar;12(2):55–62 (Eng. Abstr.) **(Ger)**

[The general practitioner's expectations of psychotherapists and psychiatrists] Burkhardt S. **Psychother Psychosom Med Psychol** 1985 May;35(5):116–9 (Eng. Abstr.) **(Ger)**

[Psychosomatic consultation in a large clinic: problems of integration and patient compliance] Riehl A, et al. **Psychother Psychosom Med Psychol** 1985 Jul;35(7):183–8 (Eng. Abstr.) **(Ger)**

[Cooperation of the psychotherapist and family physician in psychosocial primary care] Willi J. **Psychother Psychosom Med Psychol** 1985 May;35(5):108–11 (Eng. Abstr.) **(Ger)**

[Results of psychotherapy research in psychosomatic diseases] **Verh Dtsch Ges Inn Med** 1984;90 Pt 1:416–38 **(Ger)**

[Psychotherapy of depression] Schuster P, et al. **Wien Klin Wochenschr** 1985 Feb 15;97(4):208–12 (Eng. Abstr.) **(Ger)**

[Model concepts of disease formation and development from the viewpoint of psychotherapy] Hess H, et al. **Z Arztl Fortbild (Jena)** 1985;79(4):141–5 **(Ger)**

[Effectiveness of psychotherapy from the sociologic viewpoint] Klahre V. **Z Arztl Fortbild (Jena)** 1985; 79(4):155–7 **(Ger)**

[Social learning processes and dynamics in psychotherapeutic encounters] Zimmermann W. **Z Arztl Fortbild (Jena)** 1985; 79(4):177–80 **(Ger)**

[Psychiatry in emergency medicine] Kurosawa H. **Seishin Shinkeigaku Zasshi** 1984;86(12):997–1004 **(Jpn)**

[A study of attributes of psychotherapists through the therapeutic process: evaluations of the meaningful actions of clients] Nagai T. **Shinrigaku Kenkyu** 1984 Oct; 55(4):207–13 (Eng. Abstr.) **(Jpn)**

[Clinical conference at the Brazilian Institute for Study and Research in Gastroenterology] **Arq Gastroenterol** 1984 Oct–Dec;21(4):201–8 **(Por)**

[A psychiatric therapeutic system. Theoretical and practical aspects] Lăzărescu M, et al. **Rev Med Interna [Neurol Psihiatr]** 1984 Apr–Jun;29(2):81–8 (24 ref.) (Eng. Abstr.) **(Rum)**

[Effect of positive emotions on T–wave amplitude of ECG in sportsmen with myocardial dystrophy caused by chronic physical overstrain] Dan'ko IuI, et al. **Kardiologiia** 1984 Oct;24(10):106–8 **(Rus)**

[Psychological methods in the treatment of essential hypertension] Richter–Heinrich E, et al. **Kardiologiia** 1985 Jan;25(1):86–8 **(Rus)**

[Psychotherapy in the rehabilitation system for patients with the nutritional–constitutional form of obesity] Kreslavskiĭ ES, et al. **Ter Arkh** 1984;56(10):104–7 **(Rus)**

[Problems of deontology and psychotherapy in pulmonology] Ubaĭdullaev AM, et al. **Ter Arkh** 1985;57(3):108–10 (Eng. Abstr.) **(Rus)**

[Neurotic disorders in epilepsy and their treatment by technics of psychotherapy and reflexotherapy] Sviridova EI, et al. **Zh Nevropatol Psikhiatr** 1984;84(9):1381–5 (Eng. Abstr.) **(Rus)**

[Use of psychomotor therapy in psychiatric institutions] Bacúrová E. **Cesk Psychiatr** 1985 Feb;81(1):15–9 (Eng. Abstr.) **(Slo)**

[Psychopathology and the phenomenological method] Guensberger E. **Cesk Psychiatr** 1985 Feb;81(1):1–5 (Eng. Abstr.) **(Slo)**

[The attitude of Slovak psychiatrists toward psychotherapy. Preliminary report] Molčan J, et al. **Cesk Psychiatr** 1984 Dec;80(6):375–80 (Eng. Abstr.) **(Slo)**

[Influence of psychosocial therapy on the evolution of schizophrenia: comparative study] Montero I, et al. **Actas Luso Esp Neurol Psiquiatr** 1984 Jul–Aug;12(4):267–78 (Eng. Abstr.) **(Spa)**

[Study of opiate addicts admitted to a general hospital. Experience with the model of collaborative psychiatry] Lozano M, et al. **Med Clin (Barc)** 1985 Mar 9;84(9):353–6 (Eng. Abstr.) **(Spa)**

[Cognitive therapy of depression. A review of 17 controlled studies] Jansson L, et al. **Lakartidningen** 1985 May 8; 82(19):1764–7 **(Swe)**

[A cognitive–therapeutic relationship used at an emergency admission department] Perris C, et al. **Lakartidningen** 1984 Oct 17;81(42):3805–6 **(Swe)**

[Cognitive therapy––a structured active form of therapy] Rodhe K. **Lakartidningen** 1984 Dec 5;81(49):4635–7 **(Swe)**

[Psychotherapy in irritable colon and duodenal ulcer––an effective complement to drug therapy] Sjödin I, et al. **Lakartidningen** 1984 Oct 17;81(42):3813, 3816–8 **(Swe)**

CLASSIFICATION

Social class and perceived improvement in therapy: the effects of therapist discipline and therapy type. Schubert DS, et al. **Hillside J Clin Psychiatry** 1981;3(1):71–80

ECONOMICS

Considerations in determining cost effectiveness in psychiatric rehabilitation. Walker FA. **Aust NZ J Psychiatry** 1984 Dec;18(4):328–31

On direct patient participation in the cost of their psychiatric care. Part I. A review of the empirical and experimental evidence. el–Guebaly N, et al. **Can J Psychiatry** 1985 Apr; 30(3):178–83

Psychotherapy in the NHS [letter] Wilkinson G. **Lancet** 1984 Oct 27;2(8409):988

'Psychology as a health care profession:' how healthy was APA's case for the cost–effectiveness of psychological health care? Belden BD, et al. **Psychol Rep** 1985 Apr; 56(2):391–401

EDUCATION

Training issues in the treatment of severely disturbed patients. Giustra L. **Am J Psychother** 1985 Jan;39(1):95–107

Supervision of the psychotherapeutic process [letter] Silberman EK, et al. **Arch Gen Psychiatry** 1985 Jul; 42(7):739–40

Dear Brutus: dealing with unresponsiveness through supervision. Greben SE. **Can J Psychiatry** 1985 Feb; 30(1):48–53

The teaching of psychotherapy in Canadian psychiatric residency programs: residents' perceptions. Pérez EL, et al. **Can J Psychiatry** 1984 Dec;29(8):658–64

Empathy from the perspective of the student therapist. Carsen ML, et al. **Hillside J Clin Psychiatry** 1984; 6(2):259–70

Empathy training for beginning therapists. Lewis JM. **Hillside J Clin Psychiatry** 1984;6(2):250–8

Paradoxes faced by residents being trained in the psychosocial treatment of people with chronic schizophrenia. Minkoff K, et al. **Hosp Community Psychiatry** 1985 Aug;36(8):859–64

Narcissistic issues in the training experience of the psychotherapist. Brightman BK. **Int J Psychoanal Psychother** 1984–85;10:293–317

The framework of training analyses. Langs R. **Int J Psychoanal Psychother** 1984–85;10:259–87

Evaluation of student performance in psychotherapy. Rosenbaum DN. **J Clin Psychol** 1984 Jul;40(4):1106–11

An investigation of some relationships between psychotherapy supervision and patient change. Steinhelber J, et al. **J Clin Psychol** 1984 Nov;40(6):1346–53

Aspects of teaching psychotherapy to medical students. Herz LR. **Psychiatr Q** 1984 Summer;56(2):151–6

Values and therapy orientations of psychotherapy trainees: a twelve–year update. Kay SR, et al. **Psychiatr Q** 1984 Fall;56(3):198–208

Enhancing supervision of psychotherapy. Morgan DW, et al. **South Med J** 1984 Nov;77(11):1406–9

[Cooperation of the psychotherapist and family physician as a combined teaching and learning process] Bösch J. **Psychother Psychosom Med Psychol** 1985 May;35(5):112–5 (Eng. Abstr.) **(Ger)**

HISTORY

Neurasthenia in Pennsylvania: a perspective on the origins of American psychotherapy, 1870–1910. Gosling FG. **J Hist Med Allied Sci** 1985 Apr;40(2):188–206

[100 years later...suggestion] Chertok L. **Presse Med** 1984 Nov 17;13(41):2480–4 **(Fre)**

[Kraepelin's psychiatric treatment method based on his life reflections] Leonhard K. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Jul; 36(7):395–405 (Eng. Abstr.) **(Ger)**

[Integration of psychotherapy into clinical medicine in Germany––contribution of J. H. Schultz] Schröder C, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Oct; 36(10):586–90 (Eng. Abstr.) **(Ger)**

[A true psychotherapy more than 5000 years ago] da Costa EF. **Rev Port Estomatol Cir Maxilofac** 1984 Oct–Dec;

25(4):1135-53 (Por)

INSTRUMENTATION

ELIZA as a 'therapeutic' tool. O'Dell JW, et al. **J Clin Psychol** 1984 Jul;40(4):942-5

MANPOWER

[The contact man--a new personnel category within institutional psychiatric care] Sandlund M, et al. **Lakartidningen** 1985 Jun 26;82(26-27):2450-2 (Swe)

METHODS

'Gestalt' therapy in blushing and sweating. Siemens H. **Acta Neurochir (Wien)** 1985;74(3-4):154-5

Effects of four treatment methods on social phobic patients not suitable for insight-oriented psychotherapy. Alström JE, et al. **Acta Psychiatr Scand** 1984 Aug;70(2):97-110

Early interpersonal relations: experience of four treatment methods in phobic women. Persson G. **Acta Psychiatr Scand** 1984 Aug;70(2):111-8

Psychotherapy of the retarded adolescent. Bernstein NR. **Adolesc Psychiatry** 1985;12:406-13

A developmental approach to the psychotherapy of adolescents. Esman AH. **Adolesc Psychiatry** 1985;12:119-33

Teaching and learning adolescent psychotherapy: adolescent, therapist, and milieu. McCaughan DL. **Adolesc Psychiatry** 1985;12:414-33

Inpatient treatment of the violent adolescent. Meeks JE. **Adolesc Psychiatry** 1985;12:393-405

Rational-emotive therapy and the reduction of interpersonal anxiety in junior high school students. Warren R, et al. **Adolescence** 1984 Winter;19(76):893-902

A comparative study of hypnotherapy and psychotherapy in the treatment of methadone addicts. Manganiello AJ. **Am J Clin Hypn** 1984 Apr;26(4):273-9

Helping styles of crisis interveners, psychotherapists, and untrained individuals. McCarthy PR, et al. **Am J Community Psychol** 1984 Oct;12(5):623-7

The effects of self-help and psychotherapy intervention on child loss: the limits of recovery. Videka-Sherman L, et al. **Am J Orthopsychiatry** 1985 Jan;55(1):70-82

Psychotherapy during radiotherapy: effects on emotional and physical distress. Forester B, et al. **Am J Psychiatry** 1985 Jan;142(1):22-7

The unreal real and the really unreal [letter] Horowitz MJ. **Am J Psychiatry** 1985 Sep;142(9):1131

Meditation and psychotherapy: a rationale for the integration of dynamic psychotherapy, the relaxation response, and mindfulness meditation. Kutz I, et al. **Am J Psychiatry** 1985 Jan;142(1):1-8

Perspectives on rehabilitative and educative-developmental psychotherapy. Adler DA. **Am J Psychother** 1984 Jul;38(3):431-44

Psychotherapeutic treatment of chronic insomnia. Berlin RM. **Am J Psychother** 1985 Jan;39(1):68-74

Do psychotherapies have specific effects? Frances A, et al. **Am J Psychother** 1985 Apr;39(2):159-74

Long-term psychotherapy of Munchausen syndrome. Mayo JP Jr, et al. **Am J Psychother** 1984 Oct;38(4):571-8

Fulfillment of therapeutic tasks as a precondition for acceptance in therapy. Omer H. **Am J Psychother** 1985 Apr;39(2):175-86

Modalities of treatment for suicidal children: an overview of the literature on current practice. Pfeffer CR. **Am J Psychother** 1984 Jul;38(3):364-72 (21 ref.)

An integrated approach to the treatment of panic disorder. Roberts R. **Am J Psychother** 1984 Jul;38(3):413-30 (44 ref.)

Aphorisms of suicide and some implications for psychotherapy. Shneidman ES. **Am J Psychother** 1984 Jul;38(3):319-28

Clinical treatment of the nondisclosing black client. A therapeutic paradox. Ridley CR. **Am Psychol** 1984 Nov;39(11):1234-44

AIDS in one city. An interview with Mervyn Silverman, Director of Health, San Francisco [interview by Stephen F. Morin] Silverman M. **Am Psychol** 1984 Nov;39(11):1294-6

Psychotherapy for Munchausen syndrome by proxy. Nicol AR, et al. **Arch Dis Child** 1985 Apr;60(4):344-8

Cognition and therapy [letter] Beck AT. **Arch Gen Psychiatry** 1984 Nov;41(11):1112-5

Therapist success and its determinants. Luborsky L, et al. **Arch Gen Psychiatry** 1985 Jun;42(6):602-11

Social phobia: a comparative evaluation of cognitive and behavioral interventions. Emmelkamp PM, et al. **Behav Res Ther** 1985;23(3):365-9

Treatment of male sexual dysfunction: sex therapy compared with systematic desensitization and rational emotive therapy. Everaerd W, et al. **Behav Res Ther** 1985;23(1):13-25

An experimental investigation of some assumptions underpinning psychological treatments of migraine. Morley S. **Behav Res Ther** 1985;23(1):65-74

Biofeedback as an adjunct to psychotherapy in the treatment of vaginismus. Barnes J, et al. **Biofeedback Self Regul** 1984 Sep;9(3):281-9

An existential approach to psychotherapy. Cohn HW. **Br J Med Psychol** 1984 Dec;57 (Pt 4):311-8

Environmental factors associated with continuers and terminators in adult out-patient psychotherapy. Cross DG, et al. **Br J Med Psychol** 1984 Dec;57 (Pt 4):363-9

How can we compare different psychotherapies? Why are they all effective? Ryle A. **Br J Med Psychol** 1984 Sep;57 (Pt 3):261-4

Personal styles, constructive alternativism and the provision of a therapeutic service. Winter DA. **Br J Med Psychol** 1985 Jun;58 (Pt 2):129-35 (31 ref.)

Development and application of criteria for classes of psychotherapy based on patients' requests for service. Wood WD, et al. **Br J Med Psychol** 1985 Mar;58 (Pt 1):45-54

Rehabilitation in psychiatric conditions: 2--Psychological approaches and support, the family, and activities. Gloag D. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1059-62

Psychotherapy with cancer patients. Tarnower W. **Bull Menninger Clin** 1984 Jul;48(4):342-50

The prescription of psychotherapy. Freebury DR. **Can J Psychiatry** 1984 Oct;29(6):499-504

Psychotherapy with the boring patient. Taylor GJ. **Can J Psychiatry** 1984 Apr;29(3):217-22

Treat mother too--'failed' psychotherapy of an adolescent with school refusal. Menahem S, et al. **Child Psychiatry Hum Dev** 1984 Spring;14(3):170-7

Burns: an overview of clinical consequences affecting patient, staff, and family. Goodstein RK. **Compr Psychiatry** 1985 Jan-Feb;26(1):43-57 (66 ref.)

Practical therapeutics: psychotherapy. Muluka EA. **East Afr Med J** 1984 Aug;61(8):657-60

Psychotherapeutic intervention in angina: I. A critical review. Razin AM. **Gen Hosp Psychiatry** 1984 Oct;6(4):250-7

Psychotherapeutic intervention in angina: II. Implications for research and practice. Razin AM. **Gen Hosp Psychiatry** 1985 Jan;7(1):9-14

Psychological therapies for chronic pain. Tsushima WT. **Hawaii Med J** 1985 Apr;44(4):124-5

Case management in mental health. Kurtz LF, et al. **Health Soc Work** 1984 Summer;9(3):201-11

Survey of psychotherapeutic approaches to narcissistic personality disorder. Nurnberg HG. **Hillside J Clin Psychiatry** 1984;6(2):204-20 (23 ref.)

Family or individual therapy: the determinants of modality choice. Sander FM. **Hillside J Clin Psychiatry** 1985;7(1):63-70

Puppetry as a therapeutic tool for hospitalized children. Alger I, et al. **Hosp Community Psychiatry** 1985 Feb;36(2):129-30

Critical treatment issues in suicide among schizophrenics. Cotton PG, et al. **Hosp Community Psychiatry** 1985 May;36(5):534-6

Determining how a depressed woman's personality affects the choice of treatment. Frances A, et al. **Hosp Community Psychiatry** 1984 Sep;35(9):883-4, 954

A program to manage problem behavior in a VA domiciliary. Glover CB. **Hosp Community Psychiatry** 1985 Feb;36(2):186-7

Psychological supportive therapy for cancer patients. Joseph CD. **Indian J Cancer** 1983 Nov-Dec;20(5):268-70

Professional psychotherapy and its relationship to compliance in treatment. Rogalski CJ. **Int J Addict** 1984 Aug;19(5):521-39

An eclectic hypno-emotive approach to psychotherapy. Okhowat VO. **Int J Clin Exp Hypn** 1985 Apr;33(2):109-21

Recent developments in gestalt group therapy. Harman RL. **Int J Group Psychother** 1984 Jul;34(3):473-83

Intensive gestalt group therapy with schizophrenics. Serok S, et al. **Int J Group Psychother** 1984 Jul;34(3):431-50

Alcohol abuse and superego conflicts. Berggren B. **Int J Psychoanal Psychother** 1984-85;10:215-25

Autoprediction in rational suggestion therapy. Blumethal RA. **Int J Psychosom** 1984;31(4):17-20

Severe obsessive compulsive disorder in adolescence: a report of eight cases. Apter A, et al. **J Adolesc** 1984 Dec;7(4):349-58

The use of analogy in individual psychotherapy with young and pre-adolescents: 'Superman, Bimbo and the big, grey wolf'. Baird F. **J Adolesc** 1984 Sep;7(3):285-93

Organizing a therapeutic approach to intra-familial child sexual abuse. Furniss T. **J Adolesc** 1984 Dec;7(4):309-17

Evaluating the systematic use of humor in psychotherapy with adolescents. Prerost FJ. **J Adolesc** 1984 Sep;7(3):267-76

Treatment planning in child psychiatry. Looney JG. **J Am Acad Child Psychiatry** 1984 Sep;23(5):529-36

Stage-related models of psychotherapy with children. McDermott JF Jr, et al. **J Am Acad Child Psychiatry** 1984 Sep;23(5):537-43

The aftermath of abuse and abandonment: a treatment approach for ego disturbance in female adolescence. Rossman PG. **J Am Acad Child Psychiatry** 1985 May;24(3):345-52

Paradoxical techniques in therapy. Cade B. **J Child Psychol Psychiatry** 1984 Oct;25(4):509-16

The pharmacotherapy-psychotherapy triangle: psychiatrist, nonmedical psychotherapist, and patient. Beitman BD, et al. **J Clin Psychiatry** 1984 Nov;45(11):458-9

The application of a model of psychotherapy to world problems. Beier EG. **J Clin Psychol** 1984 Sep;40(5):1278-81

Life skill training: psychoeducational training as mental health treatment. May HJ, et al. **J Clin Psychol** 1985 May;41(3):359-67

Personality and treatment effectiveness in anorexia nervosa. Skoog DK, et al. **J Clin Psychol** 1984 Jul;40(4):955-61

Irrational beliefs of shoplifters. Solomon GS, et al. **J Clin Psychol** 1984 Jul;40(4):1075-7

Development of a scale for measuring techniques in the psychotherapy of borderline patients. Koenigsberg HW, et al. **J Nerv Ment Dis** 1985 Jul;173(7):424-31

Goal attainment scaling with hospitalized sexual offenders. Lang RA, et al. **J Nerv Ment Dis** 1985 Sep;173(9):527-37

Stereotyped movement disorder of rocking. Lasich AJ, et al. **J Nerv Ment Dis** 1985 Mar;173(3):187-90

Self-awareness and self-confrontation: effects of self-focused attention on members of a clinical population. Gibbons FX, et al. **J Pers Soc Psychol** 1985 Mar;48(3):662-75

Psychotherapy with chronic schizophrenics. Alliance, transference, and countertransference. Kahn EM. **J Psychosoc Nurs Ment Health Serv** 1984 Jul;22(7):20-5

Therapy for men who batter [interview] Nikstaitis G. **J Psychosoc Nurs Ment Health Serv** 1985 Jul;23(7):33-6

Using metaphor in psychotherapy. Welch MJ. **J Psychosoc Nurs Ment Health Serv** 1984 Nov;22(11):13-8

An evaluation of the effectiveness of individual and group cognitive therapy in the treatment of depressed patients in an inner city health centre. Ross M, et al. **J R Coll Gen Pract** 1985 May;35(274):239-42

Rational-emotive therapy in the treatment of erectile failure: an initial study. Munjack DJ, et al. **J Sex Marital Ther** 1984 Fall;10(3):170-5

Psychotherapy with persons who are mentally retarded. Matson JL. **Ment Retard** 1984 Aug;22(4):170-5

Children of disturbed parents: a research-based model for intervention. Goodman SH. **New Dir Ment Health Serv** 1984 Dec;(24):33-51

Therapist self-disclosure: when is it appropriate? Auvil CA, et al. **Perspect Psychiatr Care** 1984 Apr-Jun;22(2):57-61

Nursing care of the depressed patient: a cognitive approach. Helm SB. **Perspect Psychiatr Care** 1984 Jul-Sep;22(3):100-7

'The fragile princess.' Midway on the borderline-narcissistic personality continuum. Zander K. **Perspect Psychiatr Care** 1984 Apr-Jun;22(2):77-84

Representation of the internal world in catatonic schizophrenia. Johnson DR. **Psychiatry** 1984 Nov;47(4):299-314

Biological and clinical predictors of response in recurrent depression: a preliminary report. Frank E, et al. **Psychiatry Res** 1984 Dec;13(4):315-24

Aggression in early childhood. Joint treatment of children and parents. Brinich PM. **Psychoanal Study Child** 1984;39:493-508

Cognitive therapy versus systematic desensitization: is one treatment superior? Berman JS, et al. **Psychol Bull** 1985 May;97(3):451-61

The implications of bilingualism in the study and treatment of psychiatric disorders: a review. de Zulueta FI. **Psychol Med** 1984 Aug;14(3):541-57

Criterion-related validity of the Kansas Marital Satisfaction Scale. Schumm WR, et al. **Psychol Rep** 1985 Jun;56(3):718

How similar is college teaching to psychotherapy? Tolor A. **Psychol Rep** 1984 Dec;55(3):711-8

Psychotherapy as an adjunct to supervised fasting for obesity. Fawzy FI, et al. **Psychosomatics** 1984 Nov;25(11):821-9

Use of an integrative interview to manage somatization. Holt RE, et al. **Psychosomatics** 1984 Sep;25(9):663-9

Patient-therapist sexual contact. I. Psychodynamic perspectives on the causes and results. Apfel RJ, et al. **Psychother Psychosom** 1985;43(2):57-62

Patient-therapist sexual contact. II. Problems of subsequent psychotherapy. Apfel RJ, et al. **Psychother Psychosom** 1985;43(2):63-8

Indication in psychotherapy on the basis of a follow-up study. Senf W, et al. **Psychother Psychosom** 1984;42(1-4):37-47

A reciprocal control approach to the treatment of repeated parasuicide. Zich JM. **Suicide Life Threat Behav** 1984 Spring;14(1):36-51

[Psychotherapeutic treatment of psychogenic vaginismus] Agpian S, et al. **Akush Ginekol (Sofiia)** 1984;23(4):349-51 (Bul)

[Rehabilitation and the pathology of dementia] Ylieff M, et al. **Acta Psychiatr Belg** 1984 Sep-Oct;84(5):411-24 (Eng. Abstr.) (Fre)

[Experience with the therapeutic outcome of psychotic patients] Doutheau C, et al. **Ann Med Psychol (Paris)** 1984 Jul-Aug;142(7):1024-32 (Fre)

[Psychodynamic approach to sex disorders] Mimoun MS. **Ann Urol (Paris)** 1984 May;18(3):175-9 (Eng. Abstr.) (Fre)

[Treatment and justice] Bowden P. **Rev Med Suisse Romande** 1985 Jan;105(1):53-8 (Fre)

[Psychosomatic syndromes in child psychiatry and therapeutic strategies] Masson O. **Rev Med Suisse Romande** 1985 Feb;105(2):161-71 (Fre)

[Child and adolescent psychiatric therapy in parent evaluation] Jungmann J. **Acta Paedopsychiatr (Basel)** 1985 Mar;50(6):315-24 (Eng. Abstr.) (Ger)

[Results of psychotherapy research in psychosomatic diseases] Buchborn E. **Internist (Berlin)** 1984 Nov;25(11):674-81 (Ger)

[Psychotherapy of Crohn disease] Feiereis H. **Langenbecks Arch Chir** 1984;364:407-11 (Eng. Abstr.) (Ger)

[Psychotherapy of adolescent asthma patients] Meijer A. **Prax Kinderpsychol Kinderpsychiatr** 1985 Feb-Mar;34(2):49-54 (Eng. Abstr.) (Ger)

[Psychotherapy of puberal anorexia nervosa from the viewpoint of cognitive theories] Schmitt GM. **Prax Kinderpsychol Kinderpsychiatr** 1985 Jul;34(5):176–82 (Eng. Abstr.) **(Ger)**

[Psychotherapeutic possibilities in patients with definitive movement disorders] Fejes A. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Feb;37(2):101–6 (Eng. Abstr.) **(Ger)**

[Areas of use of patient-centered actions] Helm J, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Oct; 36(10):577–85 (Eng. Abstr.) **(Ger)**

[Integration of Leonhard's individual therapeutic approaches in ambulatory psychotherapy] Sitte E. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Nov; 36(11):655–60 (Eng. Abstr.) **(Ger)**

[Patients, families and reform psychiatrists. A study on the relation between relatives of psychiatric patients and personnel of the psychiatric service in the province Arezzo/Italy] Bertram W. **Psychiatr Prax** 1984 Sep; 11(5):151–6 (Eng. Abstr.) **(Ger)**

[Ambulatory psychiatric treatment and suicide] Finzen A, et al. **Psychiatr Prax** 1984 Jul;11(4):120–4 (Eng. Abstr.) **(Ger)**

[Psychotherapy for psychiatric patients of advanced age] Kockott G. **Psychother Psychosom Med Psychol** 1984 Sep–Oct;34(9–10):223–31 (Eng. Abstr.) **(Ger)**

[Use of projective picture material in psychotherapy] Meyer JE. **Psychother Psychosom Med Psychol** 1984 Aug; 34(8):187–92 (Eng. Abstr.) **(Ger)**

[Psychodynamic aspects of schizophrenic negativism in individual psychotherapy] Benedetti G. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(1):17–27 (Eng. Abstr.) **(Ger)**

[Schizophrenia and systems therapy] Guntern G. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(1):41–71 (Eng. Abstr.) **(Ger)**

[Personal development in schizophrenia therapy] Benedetti G. **Schweiz Arch Neurol Psychiatr** 1985;136(1):23–8 (Eng. Abstr.) **(Ger)**

[Psychiatric treatment of schizophrenic patients in the clinic] Ernst K. **Schweiz Arch Neurol Psychiatr** 1985;136(1):67–74 (Eng. Abstr.) **(Ger)**

[Psychotherapy within the scope of basic ambulatory medical care] Rother M, et al. **Z Arztl Fortbild (Jena)** 1984; 78(20):857–60 **(Ger)**

[Psychotherapeutic-rehabilitative aspects in the guidance of psycho-organic patients in the 2d half of life within the scope of a psychiatric admission clinic] Nitzsche M. **Z Gesamte Hyg** 1984 Oct;30(10):571–2 (Eng. Abstr.) **(Ger)**

[Evaluation of the efficacy of concomitant special psychotherapeutic methods by patients in an internal medicine clinic] Dummer W, et al. **Z Gesamte Inn Med** 1985 May 15;40(10):293–6 (Eng. Abstr.) **(Ger)**

[Individually oriented research results: assessment and evaluation of the effects of therapy based on individual treatment goals. 2: Use and evaluation aspects] Kordy H, et al. **Z Klin Psychol Psychopathol Psychother** 1984; 32(4):309–18 **(Ger)**

[Individually oriented progress research: detection and evaluation of therapeutic effect based on individual treatment goals. 1: Is there, in research on results, a space for individually oriented procedures?] Kordy H, et al. **Z Klin Psychol Psychopathol Psychother** 1984;32(3):218–33 (Eng. Abstr.) **(Ger)**

[Criterion of 'effectiveness' of psychotherapeutic treatment methods: definition and empirical determination] Leichsenring F, et al. **Z Klin Psychol Psychopathol Psychother** 1984;32(4):319–32 **(Ger)**

[Catamnestic studies in psychotherapy--problems and results up to now] Lensch K. **Z Klin Psychol Psychopathol Psychother** 1984; 32(4):292–308 **(Ger)**

[Possibilities of standardized qualitative content analysis] Wiedemann PM. **Z Klin Psychol Psychopathol Psychother** 1984; 32(3):197–217 (Eng. Abstr.) **(Ger)**

[Pre-verbality in focusing and the need for self check. An attempt at 'focusing check'] Masui T, et al. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):243–8 (Eng. Abstr.) **(Jpn)**

[Experience with preverbal psychotherapy in a group of chronic psychotic patients] Angosto Saura T, et al. **Actas Luso Esp Neurol Psiquiatr** 1984 May–Jun; 12(3):215–22 **(Spa)**

STANDARDS

Tarasoff and the clinician: problems in fulfilling the duty to protect. Appelbaum PS. **Am J Psychiatry** 1985 Apr; 142(4):425–9

Woman's role in Masters and Johnson program raises 'serious ethical problem' [letter] Kales JD. **Am J Psychiatry** 1984 Oct;141(10):1303

The external validity of analogue outcome research: evaluation of cognitive and behavioral interventions. Emmelkamp PM, et al. **Behav Res Ther** 1985;23(1):83–6

A methodological and empirical critique of psychotherapy outcome meta-analysis. Searles JS. **Behav Res Ther** 1985; 23(4):453–63

Treatment noncompliance as a function of therapist attributes and social support. Dyck RJ, et al. **Can J Psychiatry** 1984 Apr;29(3):212–6

The impact of psychotherapists and primary physicians on suicide and other violent deaths in a rural area. Glasser M, et al. **Can J Psychiatry** 1985 Apr;30(3):195–202

Formats for peer review of dynamic psychotherapy. Shepherd GL. **Hosp Community Psychiatry** 1985 May; 36(5):517–20

Client evaluations of therapeutic processes and outcomes in a university mental health center. Bugge I, et al. **J Am Coll Health** 1985 Feb;33(4):141–6

First rate: exploring the structure, process, and effectiveness of nurse psychotherapy. Hardin SB, et al. **J Psychosoc Nurs Ment Health Serv** 1985 May;23(5):9–15

Expanding the duties to protect third parties from violent acts. Mills MJ. **New Dir Ment Health Serv** 1985 Mar; (25):61–8

[Psychotherapy: confusion in language] Montgrain N. **Can J Psychiatry** 1985 Apr;30(3):203–5 (Eng. Abstr.) **(Fre)**

TRENDS

[Significance of the medical anthropology work of Dieter Wyss for modern psychiatry and psychotherapy] Zacher A, et al. **Fortschr Neurol Psychiatr** 1984 Nov;52(11):414–8 (Eng. Abstr.) **(Ger)**

PSYCHOTHERAPY, BRIEF

Brief psychotherapy may not precipitate decompensation [letter] Flegenheimer WV. **Am J Psychiatry** 1985 Mar; 142(3):395–6

Therapist actions that address initially poor therapeutic alliances in psychotherapy. Foreman SA, et al. **Am J Psychiatry** 1985 Aug;142(8):922–6

Empathy and outcome in brief focal dynamic therapy. Free NK, et al. **Am J Psychiatry** 1985 Aug;142(8):917–21

The current status of individual short-term dynamic psychotherapy and its future: an overview. Sifneos PE. **Am J Psychother** 1984 Oct;38(4):472–83

Brief psychotherapy after survival from cardiac arrest. Owen PM, et al. **Heart Lung** 1985 Jan;14(1):18–20

Countertransference difficulties in a time-limited psychotherapy. Hoyt MF, et al. **Int J Psychoanal Psychother** 1984–85;10:191–203

The management of countertransference in time-limited psychotherapy: the role of the central issue. Mann J. **Int J Psychoanal Psychother** 1984–85;10:205–14

Issues in the brief treatment of drug abusers. Ashery RS. **Natl Inst Drug Abuse Res Monogr Ser** 1985;58:1–7

Examining the interaction effects of coping style and brief interventions in the treatment of postsurgical pain. Scott LE, et al. **Pain** 1984 Nov;20(3):279–91

Brief psychotherapy with vulnerable patients: an outcome assessment. Krupnick JL, et al. **Psychiatry** 1985 Aug; 48(3):223–33

A psychosomatic approach to treatment in the irritable bowel syndrome and peptic ulcer disease with aspects of the design of clinical trials. Svedlund J, et al. **Scand J Gastroenterol [Suppl]** 1985;109:147–51

[Interactional treatment of eating behavior disorders] Moley VA, et al. **Acta Psiquiatr Psicol Am Lat** 1984 Sep; 30(3):220–8 (Eng. Abstr.) **(Spa)**

METHODS

The use of treatment contracts in short-term psychiatric care. Hansson L, et al. **Acta Psychiatr Scand** 1984 Aug; 70(2):180–90

Short-term dynamic psychotherapy: another kind of learning on campus. Love RL, et al. **Adolesc Psychiatry** 1985; 12:327–35

Psychodynamic time-limited groups for adult children of aging parents. Altschuler J, et al. **Am J Orthopsychiatry** 1985 Jul;55(3):397–404

Short-term group therapy for stroke patients in a rehabilitation centre. Bucher J, et al. **Br J Med Psychol** 1984 Sep;57 (Pt 3):283–90

Planned brief psychotherapy in clinical practice. Keller A. **Br J Med Psychol** 1984 Dec;57 (Pt 4):347–61

Inpatient group treatment on short-term acute care units. Maves PA, et al. **Hosp Community Psychiatry** 1985 Jan; 36(1):69–73

Time-limited inpatient group therapy: a developmental model. Brabender VM. **Int J Group Psychother** 1985 Jul; 35(3):373–90

The effects of time-limited group psychotherapy: a controlled study. Budman SH, et al. **Int J Group Psychother** 1984 Oct;34(4):587–603

Leadership in short-term group therapy: manipulation or facilitation? Dies RR. **Int J Group Psychother** 1985 Jul; 35(3):435–55

Time-limited group therapy for women with a history of incest. Herman J, et al. **Int J Group Psychother** 1984 Oct; 34(4):605–16

Some principles of short-term group therapy. Klein RH. **Int J Group Psychother** 1985 Jul;35(3):309–30

Guidelines for the practice of brief, dynamic group therapy. Poey K. **Int J Group Psychother** 1985 Jul;35(3):331–54

Short-term group psychotherapy for children: an overview. Scheidlinger S. **Int J Group Psychother** 1984 Oct; 34(4):573–86

Brief psychotherapy with children and their families: the state of the art. Dulcan MK. **J Am Acad Child Psychiatry** 1984 Sep;23(5):544–51 (44 ref.)

Therapist resistances to short-term dynamic psychotherapy. Hoyt MF. **J Am Acad Psychoanal** 1985 Jan;13(1):93–112

A study of brief psychotherapy for chronic pain. Bassett DL, et al. **J Psychosom Res** 1985;29(3):259–64

One-person family therapy: a modality of brief strategic family therapy. Foote FH, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1985;58:51–65

Short-term group psychotherapy. A successful approach to functional complaints. Rynearson EK, et al. **Postgrad Med** 1984 Nov 15;76(7):141–50

Short-term dynamic psychotherapy. V. Global assessment scale as an instrument for description and measurement of changes for 33 neurotic patients. Husby R. **Psychother Psychosom** 1985;43(1):28–31

Short-term dynamic psychotherapy. I. The Oslo group's form to score outcome, the reliability testing of this form and observer characteristics. Husby R, et al. **Psychother Psychosom** 1985;43(1):1–7

Short-term dynamic psychotherapy. II. Prognostic value of characteristics of patients studied by a 2-year follow-up of 39 neurotic patients. Husby R, et al. **Psychother Psychosom** 1985;43(1):8–16

Short-term dynamic psychotherapy. IV. Comparison of recorded changes in 33 neurotic patients 2 and 5 years after end of treatment. Husby R. **Psychother Psychosom** 1985; 43(1):23–7

Short-term dynamic psychotherapy. III. A 5-year follow-up of 36 neurotic patients. Husby R. **Psychother Psychosom** 1985;43(1):17–22

Short-term dynamic psychotherapy for patients with physical symptomatology. Sifneos PE. **Psychother Psychosom** 1984;42(1–4):48–51

[Short-term psychotherapy] Cloutier F. **Presse Med** 1985 Jan 19;14(2):95–8 (Eng. Abstr.) **(Fre)**

[Crisis intervention with adolescents--a short-term therapy in ambulatory psychiatric service] Christ J. **Psychother Psychosom Med Psychol** 1985 Jan;35(1):1–7 (Eng. Abstr.) **(Ger)**

PSYCHOTHERAPY, GROUP

The use of community networks for chronic psychiatric patients. Mauras-Corsino E, et al. **Am J Occup Ther** 1985 Jun;39(6):374–8

Predicting outcome of group counseling with severely disabled patients. Evans RL, et al. **Am J Phys Med** 1985 Feb;64(1):24–31

The impact of object relations theory on psychodynamic group therapy. Alonso A, et al. **Am J Psychiatry** 1984 Nov; 141(11):1376–80

Reality orientation for brain injured patients: group treatment and monitoring of recovery. Corrigan JD, et al. **Arch Phys Med Rehabil** 1985 Sep;66(9):626–30

Developmental stages: an integrating theory of group psychotherapy. MacKenzie KR, et al. **Can J Psychiatry** 1984 Apr;29(3):247–51

Group therapy in the treatment of diabetes. Tattersall RB, et al. **Diabetes Care** 1985 Mar–Apr;8(2):180–8 (65 ref.)

A community-based family/patient group program for Alzheimer's disease. Aronson MK, et al. **Gerontologist** 1984 Aug;24(4):339–42

Group psychotherapy with family caregivers of demented patients. Schmidt GL, et al. **Gerontologist** 1985 Aug; 25(4):347–50

A pilot study of medication and group therapy for obesity in a group of physicians. Bess BE, et al. **Hillside J Clin Psychiatry** 1984;6(2):171–87

Group therapy for bulimia. Dixon KN, et al. **Hillside J Clin Psychiatry** 1984;6(2):156–70

Evaluation of a brief group treatment package including hypnotic induction for maintenance of smoking cessation: a brief communication. Jeffrey TB, et al. **Int J Clin Exp Hypn** 1985 Apr;33(2):95–8

The experience of patients in conjoint individual and group psychotherapy. Bernard HS, et al. **Int J Group Psychother** 1985 Jan;35(1):129–46

Beyond support: group psychotherapy with low-income mothers. Bumagin S, et al. **Int J Group Psychother** 1985 Apr;35(2):279–94

Psychiatric consultation to the medical ward: a group analytic and general systems theory point of view. Gadlin W. **Int J Group Psychother** 1985 Apr;35(2):263–78

A men's group: psychotherapy of elderly men. Leszcz M, et al. **Int J Group Psychother** 1985 Apr;35(2):177–96

Comparisons among peer and professionally directed groups for the elderly: implications for the development of self-help groups. Lieberman MA, et al. **Int J Group Psychother** 1985 Apr;35(2):155–75

Combined individual and group psychotherapy with children: an ego developmental perspective. Pfeifer G, et al. **Int J Group Psychother** 1985 Jan;35(1):11–35

Group psychotherapy on a short-term treatment unit: an application of object relations theory. Russakoff LM, et al. **Int J Group Psychother** 1984 Jul;34(3):339–54

Parallel development of the group and its relationship to the leader: a theoretical explanation. Saravay SM. **Int J Group Psychother** 1985 Apr;35(2):197–207

The clinical validation of therapist interventions in group therapy. Schlachet PJ. **Int J Group Psychother** 1985 Apr; 35(2):225–38

Applications of object relations concepts to children's group psychotherapy. Soo ES. **Int J Group Psychother** 1985 Jan;35(1):37-47

A group dynamic-peer interaction approach to group psychotherapy. Stein A, et al. **Int J Group Psychother** 1984 Jul;34(3):315-33

Regression in group therapy: a negative view. Weiner MF. **Int J Group Psychother** 1985 Apr;35(2):209-24

Group psychotherapy with schizophrenic patients: an example of the oneness group. Wexler BE, et al. **Int J Group Psychother** 1984 Jul;34(3):451-71

Group therapy of psoriasis. Duo formula group treatment (DFGT) as an example. Schulte MB, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):61-6

Outpatient group treatment of chronic pain: effects of spouse involvement. Moore JE, et al. **J Consult Clin Psychol** 1985 Jun;53(3):326-34

Grappling with resistance in group psychotherapy. Collison CR. **J Psychosoc Nurs Ment Health Serv** 1984 Aug;22(8):6-12

Bulimia. A conceptual model for group treatment. Reed G, et al. **J Psychosoc Nurs Ment Health Serv** 1985 May;23(5):16-22

Time-limited thematic group with post-mastectomy patients. Baider L, et al. **J Psychosom Res** 1984;28(4):323-30

The influence of a supportive, problem-solving, group intervention on the health status of students with great recent life change. Marx MB, et al. **J Psychosom Res** 1984;28(4):275-8

Use of beta-blocking agents with group therapy in a smoking withdrawal clinic. Dow RJ, et al. **J R Soc Med** 1984 Aug;77(8):648-51

Neuropsychological test results are related to ratings of men alcoholics' therapeutic progress: a replicated study. Leber WR, et al. **J Stud Alcohol** 1985 Mar;46(2):116-21

Grief work with substance abusers. Denny GM, et al. **J Subst Abuse Treat** 1984;1(4):249-54

Group psychotherapy for head and neck cancer patients. Harris LL, et al. **Laryngoscope** 1985 May;95(5):585-7

Regression in the hospital large group: therapeutic implications. Firth ST. **Psychiatr J Univ Ottawa** 1985 Jun;10(2):81-6

Splitting dynamics, self-representations and boundary phenomena in the group psychotherapy of borderline personality disorders. Greene LR, et al. **Psychiatry** 1985 Aug;48(3):234-45

Interpretive psychotherapy in the inpatient community meeting. Winer JA, et al. **Psychiatry** 1984 Nov;47(4):333-41

Patient evaluation of a cognitive behavioral group program for patients with chronic low back pain. Linssen AC, et al. **Soc Sci Med** 1984;19(12):1361-5

[Value of group psychotherapy in the after care of schizophrenic patients. A 5 year follow-up study] Hartwich P, et al. **Nervenarzt** 1985 Jul;56(7):365-72 **(Ger)**

[Experiences with the combination of communication training and dynamic group psychotherapy] Koch J, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Jun;37(6):339-46 (Eng. Abstr.) **(Ger)**

[Group therapy with selected forensic-psychiatric patients (dyssocial maldevelopment] Saupe V, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 May;37(5):300-4 (Eng. Abstr.) **(Ger)**

[Catamnestic study following inpatient dynamic group psychotherapy] Wruck P, et al. **Z Arztl Fortbild (Jena)** 1985;79(4):171-6 **(Ger)**

[Experiences from group visits made within the framework of a sociopsychiatric rehabilitation program] Nitzsche M, et al. **Z Gesamte Hyg** 1985 Mar;31(3):179-80 (Eng. Abstr.) **(Ger)**

[Arguments in favor of family psychotherapy combined with psychotropic therapy in schizophrenia] Diacicov S, et al. **Rev Med Interna [Neurol Psihiatr]** 1984 Apr-Jun;29(2):131-40 (Eng. Abstr.) **(Rum)**

[Sociodrama in large therapeutic groups] Pražić B. **Lijec Vjesn** 1985 May;107(5):211-6 (Eng. Abstr.) **(Scr)**

[Combined modality therapeutic program for the control of smoking] Lara Cantú MA, et al. **Acta Psiquiatr Psicol Am Lat** 1984 Sep;30(3):193-200 (Eng. Abstr.) **(Spa)**

EDUCATION

An introductory course in group psychotherapy in the Netherlands: use of a knowledge-sampling test. Lansen J, et al. **Int J Group Psychother** 1985 Apr;35(2):295-8

HISTORY

The pioneers of adolescent group psychotherapy. Rachman AW, et al. **Int J Group Psychother** 1984 Jul;34(3):387-413

METHODS

Psychodynamic time-limited groups for adult children of aging parents. Altschuler J, et al. **Am J Orthopsychiatry** 1985 Jul;55(3):397-404

School-based developmental facilitation groups for children of divorce: a preventive intervention. Kalter N, et al. **Am J Orthopsychiatry** 1984 Oct;54(4):613-23

Group treatment of adolescents: an overview. Scheidlinger S. **Am J Orthopsychiatry** 1985 Jan;55(1):102-11

Treatment of bulimia with brief psychoeducational group therapy. Connors ME, et al. **Am J Psychiatry** 1984 Dec;141(12):1512-6

Influence of group psychotherapy: a thirty-eight-year follow-up. Shaskan DA, et al. **Am J Psychoanal** 1985 Spring;45(1):93-4

Group discussions with young, chronic schizophrenic people [letter] Pridmore S, et al. **Aust NZ J Psychiatry** 1984 Sep;18(3):286-7

Group composition in the treatment of obesity: does increasing group homogeneity improve treatment results? Jeffery RW, et al. **Behav Res Ther** 1985;23(3):371-3

Group versus individual applications of reciprocity training for parent-youth conflict. Raue J, et al. **Behav Res Ther** 1985;23(2):177-86

Short-term group therapy for stroke patients in a rehabilitation centre. Bucher J, et al. **Br J Med Psychol** 1984 Sep;57 (Pt 3):283-90

Cotherapy: the need for positive pairing. McMahon N, et al. **Can J Psychiatry** 1984 Aug;29(5):385-9

Adapting Childhood Comes First for children. Timmons-Mitchell J. **Child Abuse Negl** 1985;9(1):113-8

Camping marathon group psychotherapy for adolescents. Tsutsumi S. **Folia Psychiatr Neurol Jpn** 1984;38(1):1-15

Inpatient group treatment on short-term acute care units. Maves PA, et al. **Hosp Community Psychiatry** 1985 Jan;36(1):69-73

Time-limited inpatient group therapy: a developmental model. Brabender VM. **Int J Group Psychother** 1985 Jul;35(3):373-90

A 15-year clinical review of combined adolescent/young adult group therapy. Brandes NS, et al. **Int J Group Psychother** 1985 Jan;35(1):95-107

The effects of time-limited group psychotherapy: a controlled study. Budman SH, et al. **Int J Group Psychother** 1984 Oct;34(4):587-603

Group therapy with Chinese schoolchildren. Chen CC. **Int J Group Psychother** 1984 Jul;34(3):485-501

Techniques for increasing effectiveness of co-therapy functioning in adolescent psychotherapy groups. Corder BF, et al. **Int J Group Psychother** 1984 Oct;34(4):643-54

Leadership in short-term group therapy: manipulation or facilitation? Dies RR. **Int J Group Psychother** 1985 Jul;35(3):435-55

Protection through love: group psychotherapy and the benign superego. Fieldsteel ND. **Int J Group Psychother** 1984 Oct;34(4):541-51

Bean bag chairs as versatile play objects in boys' latency groups. Fineberg BL. **Int J Group Psychother** 1984 Jul;34(3):503-9

Therapeutic aspects of support groups for parents of the mentally retarded. Friedlander SR, et al. **Int J Group Psychother** 1985 Jan;35(1):65-78

The words of the therapist: errors of commission and omission. Hannah S. **Int J Group Psychother** 1984 Jul;34(3):369-76

Recent developments in gestalt group therapy. Harman RL. **Int J Group Psychother** 1984 Jul;34(3):473-83

Time-limited group therapy for women with a history of incest. Herman J, et al. **Int J Group Psychother** 1984 Oct;34(4):605-16

A group program for borderline mothers and their toddlers. Holman SL. **Int J Group Psychother** 1985 Jan;35(1):79-93

The self in groups. Horwitz L. **Int J Group Psychother** 1984 Oct;34(4):519-40

The impact of the death of a group member in a group of breast cancer patients. Hyland JM, et al. **Int J Group Psychother** 1984 Oct;34(4):617-26

Expressive group psychotherapy with the elderly: a drama therapy approach. Johnson DR. **Int J Group Psychother** 1985 Jan;35(1):109-27

Symposium: contrasting techniques of short-term inpatient group psychotherapy. Introduction. Kibel HD. **Int J Group Psychother** 1984 Jul;34(3):335-8

Some principles of short-term group therapy. Klein RH. **Int J Group Psychother** 1985 Jul;35(3):309-30

The value of inpatient group psychotherapy: patients' perceptions. Leszcz M, et al. **Int J Group Psychother** 1985 Jul;35(3):411-33

Group psychotherapy of four anorexia nervosa inpatients. Lieb RC, et al. **Int J Group Psychother** 1984 Oct;34(4):639-42

Utilizing group process in crisis-waiting-list groups. Lonergan EC. **Int J Group Psychother** 1985 Jul;35(3):355-72

Helping patients survive theories: the practice of an educative model. Maxmen JS. **Int J Group Psychother** 1984 Jul;34(3):355-68

Empathy and death expressions in a therapy group of parents of Israeli soldiers. Mester R, et al. **Int J Group Psychother** 1984 Oct;34(4):627-37

The leader's role in dealing with aggression in groups. Ormont LR. **Int J Group Psychother** 1984 Oct;34(4):553-72

The problem-solving support group: structured group therapy with psychiatric inpatients. Pekala RJ, et al. **Int J Group Psychother** 1985 Jul;35(3):391-409

Guidelines for the practice of brief, dynamic group therapy. Poey K. **Int J Group Psychother** 1985 Jul;35(3):331-54

Group psychotherapy on a short-term treatment unit: an application of object relations theory. Russakoff LM, et al. **Int J Group Psychother** 1984 Jul;34(3):339-54

Short-term group psychotherapy for children: an overview. Scheidlinger S. **Int J Group Psychother** 1984 Oct;34(4):573-86

Intensive gestalt group therapy with schizophrenics. Serok S, et al. **Int J Group Psychother** 1984 Jul;34(3):431-50

The Clown Club: a structured fantasy approach to group therapy with the latency-age child. Smith JD, et al. **Int J Group Psychother** 1985 Jan;35(1):49-64

On group therapy developments in context: a Hellenic view. Vassiliou GA, et al. **Int J Group Psychother** 1984 Jul;34(3):377-85

Group cognitive/anxiety management. Jupp H, et al. **J Adv Nurs** 1984 Nov;9(6):573-80

Cigarette smoking outcomes at four years of follow-up, psychosocial factors, and reactions to group intervention. Benfari RC, et al. **J Clin Psychol** 1984 Jul;40(4):1089-97

Stress and activity management: group treatment for cancer patients and spouses. Heinrich RL, et al. **J Consult Clin Psychol** 1985 Aug;53(4):439-46

Comparison of two group treatments for bulimia. Kirkley BG, et al. **J Consult Clin Psychol** 1985 Feb;53(1):43-8

Dynamics in group process in impaired health professionals. Butcher TE, et al. **J Med Assoc Ga** 1984 Nov;73(11):771-4

Group psychotherapy with multiple personality patients. Coons PM, et al. **J Nerv Ment Dis** 1985 Sep;173(9):515-21

Day treatment transition groups. Helping outpatients stay out. Echternacht MR. **J Psychosoc Nurs Ment Health Serv** 1984 Oct;22(10):11-6

Never to be alone. Existential therapy with battered women. Weingourt R. **J Psychosoc Nurs Ment Health Serv** 1985 Mar;23(3):24-9

The effects of education and group discussion in the post myocardial infarction patient. Horlick L, et al. **J Psychosom Res** 1984;28(6):485-92

Behavioral cohabitation: increasing satisfaction among nonmarried dyads? Bornstein PH, et al. **J Sex Marital Ther** 1985 Summer;11(2):113-20

Compulsive sexual behavior: definition of a problem and an approach to treatment. Quadland MC. **J Sex Marital Ther** 1985 Summer;11(2):121-32

The Harvard Group Aftercare Program: preliminary evaluation results and implementation issues. McAuliffe WE, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1985;58:147-55

Imagotherapy as a method of rehabilitation in neuroses and mental diseases. Vol'pert IE. **Neurosci Behav Physiol** 1985 Jan-Feb;15(1):77-81

The use of structured group therapy sessions in the treatment of chronic pain patients. Gamsa A, et al. **Pain** 1985 May;22(1):91-6

Short-term group psychotherapy. A successful approach to functional complaints. Rynearson EK, et al. **Postgrad Med** 1984 Nov 15;76(7):141-50

Evaluation of a multimodal structured group approach in treatment of depression. Green M, et al. **Psychol Rep** 1985 Jun;56(3):984-6

Crisis intervention: a drop-in support group for cancer patients and their families. Berger JM. **Soc Work Health Care** 1984 Winter;10(2):81-92

Group support for parents of high risk neonates: an interdisciplinary approach. Macnab AJ, et al. **Soc Work Health Care** 1985 Summer;10(4):63-71

[Group psychotherapy of married couples] Brichcín S, et al. **Cesk Psychiatr** 1984 Jun;80(3):196-9 (Eng. Abstr.) **(Cze)**

[Group therapy in a general psychiatric department. Description of a treatment program] Richardt A, et al. **Ugeskr Laeger** 1984 Oct 8;146(41):3153-5 **(Dan)**

[Group relaxation therapy applied to psychotics] Fayat-Picard J. **Ann Med Psychol (Paris)** 1985 Feb;143(2):160-5 **(Fre)**

[Integrated psychotherapy in inpatient child and adolescent psychiatry—the significance of group meetings] Kögler M, et al. **Prax Kinderpsychol Kinderpsychiatr** 1985 Jan;34(1):9-15 (Eng. Abstr.) **(Ger)**

[Supervision in the group] Pelzer G. **Prax Kinderpsychol Kinderpsychiatr** 1984 Jul;33(5):183-7 (Eng. Abstr.) **(Ger)**

[Convergence of linguistic and psychoanalytic text studies. Exemplified by a case report from the Balint group] Gutwinski-Jeggle J, et al. **Psyche (Stuttg)** 1985 Jan;39(1):23-43 (Eng. Abstr.) **(Ger)**

[Documentation and control of the change process in group psychotherapy] Geyer M, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Dec;36(12):714-26 (Eng. Abstr.) **(Ger)**

[Prognosis of treatment success in directed dynamic group psychotherapy] Göth N. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Dec;36(12):727-32 (Eng. Abstr.) **(Ger)**

[Significance of expert-guided groups for relatives in psychiatry] Plessen U, et al. **Psychiatr Prax** 1985 Mar;12(2):43-7 (Eng. Abstr.) **(Ger)**

[Relations to schizophrenic patients at the level of the Balint group] Kraft H. **Psychother Psychosom Med Psychol** 1984 Nov;34(11):269-72 (Eng. Abstr.) **(Ger)**

[Formation of homogeneous psychosomatic therapy groups by use of cluster analysis algorithms] Wehner T. **Z Klin Psychol Psychopathol Psychother** 1984;32(2):169-80 **(Ger)**

[Principles of training methods and results of treatment of lack of self confidence with behavior therapy group training] Gudermuth S. **Z Psychol** 1984;192(3):319-37 (Eng. Abstr.) **(Ger)**

[A school for patients with a history of myocardial infarct and their families: a method of group psychosocial intervention and an assessment of its effectiveness] Nikolaeva LF, et al. **Kardiologiia** 1985 Feb;25(2):19–22 (Eng. Abstr.) **(Rus)**

TRENDS

Group psychotherapy in the 1980s: problems and prospects. Scheidlinger S. **Am J Psychother** 1984 Oct;38(4):494–504

PSYCHOTHERAPY, MULTIPLE

Cotherapy: the need for positive pairing. McMahon N, et al. **Can J Psychiatry** 1984 Aug;29(5):385–9

Effectiveness of single therapists versus cotherapy teams in sex therapy. LoPiccolo J, et al. **J Consult Clin Psychol** 1985 Jun;53(3):287–94

Conjoint treatment of spouses: clinical experiences. Albretsen CS. **J Oslo City Hosp** 1985 Jun;35(6):77–81

[Experiences from group visits made within the framework of a sociopsychiatric rehabilitation program] Nitzsche M, et al. **Z Gesamte Hyg** 1985 Mar;31(3):179–80 (Eng. Abstr.) **(Ger)**

METHODS

Techniques for increasing effectiveness of co-therapy functioning in adolescent psychotherapy groups. Corder BF, et al. **Int J Group Psychother** 1984 Oct;34(4):643–54

PSYCHOTHERAPY, RATIONAL-EMOTIVE see under **PSYCHOTHERAPY**

PSYCHOTIC DISORDERS

HTLV-III and psychiatric disturbance [letter] Thomas CS, et al. **Lancet** 1985 Aug 17;2(8451):395–6

[Life and family characteristics of a population of chronic psychotics living in a city in the interior of São Paulo] Campos MA, et al. **AMB** 1984 Jul–Aug;30(7–8):149–52 (Eng. Abstr.) **(Por)**

BLOOD

Serum interferon in patients with psychosis. Preble OT, et al. **Am J Psychiatry** 1985 Oct;142(10):1184–6

Effects of smoking on fluphenazine clearance in psychiatric inpatients. Ereshefsky L, et al. **Biol Psychiatry** 1985 Mar; 20(3):329–32

Serine metabolism, psychosis, and coeliac disease [letter] Waziri R. **Biol Psychiatry** 1985 Jan;20(1):121–2

Membrane abnormalities in the psychoses and affective disorders. Hitzemann R, et al. **J Psychiatr Res** 1984; 18(3):319–26

[Levels of serum proteins in psychiatric patients] Herzog P, et al. **Cesk Psychiatr** 1984 Jun;80(3):165–9 (Eng. Abstr.) **(Cze)**

[Postpregnancy psychoses in Kinshasa. Various clinical and hormonal aspects] Mampunza M, et al. **Acta Psychiatr Belg** 1984 May–Jun;84(3):284–93 (Eng. Abstr.) **(Fre)**

[Thrombophilic diatheses as hemostasis disorders in acute psychoses] Hindersin P, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Dec; 36(12):702–9 (Eng. Abstr.) **(Ger)**

CEREBROSPINAL FLUID

Relationship between CSF noradrenaline levels, C-EEG indicators of activation and psychosis ratings in drug-free schizophrenic patients. Kemali D, et al. **Acta Psychiatr Scand** 1985 Jan;71(1):19–24

Permeability of the blood-brain barrier in psychiatric patients [letter] Torrey EF, et al. **Am J Psychiatry** 1985 May; 142(5):657–8

Endorphin activity in childhood psychosis. Spinal fluid levels in 24 cases. Gillberg C, et al. **Arch Gen Psychiatry** 1985 Aug;42(8):780–3

Vasoactive intestinal polypeptide decreased in cerebrospinal fluid (CSF) in atypical depression. Vasoactive intestinal polypeptide, cholecystokinin and gastrin in CSF in psychiatric disorders. Gjerris A, et al. **J Affective Disord** 1984 Dec;7(3–4):325–37

[beta-Phenylethylamine in the cisternal fluid in acute endogenous psychoses] Uebelhack R, et al. **Biomed Biochim Acta** 1984;43(11):1257–60 (Eng. Abstr.) **(Ger)**

CLASSIFICATION

[Classification of chronic psychoses types I and II and platelet serotonin levels. Apropos of 38 cases] Boudjema F, et al. **Encephale** 1985 Jan–Feb;11(1):39–42 (Eng. Abstr.) **(Fre)**

[Clinicogenetic studies within the scope of Leonhard taxonomy] Ungvári G. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Jun; 37(6):309–17 (Eng. Abstr.) **(Ger)**

[Nosologic position of schizoaffective psychosis] Habrat B. **Psychiatr Pol** 1984 May–Jun;18(3):273–8 **(Pol)**

COMPLICATIONS

Psychosis in anorexia nervosa and bulimia. Hudson JI, et al. **Br J Psychiatry** 1984 Oct;145:420–3

Co-existence of the Capgras and Ekbom syndromes. McLaughlin JA, et al. **Br J Psychiatry** 1984 Oct;145:439–41

Epileptic psychosis: an evaluation of PSE profiles. Perez MM, et al. **Br J Psychiatry** 1985 Feb;146:155–63

Multiple personality in a case of functional psychosis. Ghadirian AM, et al. **Compr Psychiatry** 1985 Jan–Feb; 26(1):22–8

Psychotic and depressed children: a new entity. Freeman LN, et al. **J Am Acad Child Psychiatry** 1985 Jan; 24(1):95–102

Childhood psychosis in a case of Moebius syndrome. Gillberg C, et al. **Neuropediatrics** 1984 Aug;15(3):147–9

Psychosis in borderline personality disorder. Jonas JM, et al. **Psychiatr Dev** 1984 Winter;2(4):295–308 (47 ref.)

Patterns of urinary excretion among patients with self-induced water intoxication and psychosis. Vieweg WV, et al. **Psychiatry Res** 1985 May;15(1):71–9

[Somatic diseases in patients in psychiatric facilities] Drahokoupil L, et al. **Cesk Psychiatr** 1985 Apr;81(2):85–90 (Eng. Abstr.) **(Cze)**

[Epilepsy and child psychoses] Soulayrol R, et al. **Psychiatr Enfant** 1984;27(2):355–415 **(Fre)**

[Role of the clinical polymorphism of epileptic psychoses in determining the prognosis for patient disability] Kazakovtsev BA. **Zh Nevropatol Psikhiatr** 1985; 85(6):805–10 (Eng. Abstr.) **(Rus)**

[Reactive states among psychopathic personalities of different clinical groups] Shostakovich BV, et al. **Zh Nevropatol Psikhiatr** 1984;84(11):1695–1700 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Implications of the distinction between organic and functional psychoses. Hays P. **Acta Psychiatr Scand** 1985 Jun;71(6):620–5

Putting it all together: a multidimensional assessment of psychotic potential in adolescence. Kestenbaum CJ. **Adolesc Psychiatry** 1985;12:5–16 (26 ref.)

Psychotic processes in delirium [letter] Bourgon L. **Am J Psychiatry** 1985 Mar;142(3):392

Major depression with mood-congruent or mood-incongruent psychotic features: outcome after 40 years. Coryell W, et al. **Am J Psychiatry** 1985 Apr; 142(4):479–82

Hysterical psychosis: an empirical approach. Gift TE, et al. **Am J Psychiatry** 1985 Mar;142(3):345–7

How are psychotic syndromes related to personality disorders? [letter] Gold L. **Am J Psychiatry** 1985 Oct; 142(10):1231–2

Hypnosis as a diagnostic tool [letter] Hoffmann WF. **Am J Psychiatry** 1985 Feb;142(2):272–3

Bitemporal atrophy in a patient with Fregoli syndrome, syndrome of intermetamorphosis, and reduplicative paramnesia [letter] Joseph AB. **Am J Psychiatry** 1985 Jan; 142(1):146–7

Capgras' syndrome: outmoded term for changeling delusions? Cawte J, et al. **Aust NZ J Psychiatry** 1984 Dec;18(4):388–90

A case of Capgras' phenomenon. Wilcox JA. **Aust NZ J Psychiatry** 1984 Dec;18(4):391–2

Cushing disease presenting as atypical psychosis followed by sudden death. Gerson SN, et al. **Can J Psychiatry** 1985 Apr;30(3):223–4

Capgras syndrome––the many avenues to delusional misinterpretation. Pellettier JR, et al. **Can J Psychiatry** 1985 Apr;30(3):225–7

Is there an obsessive psychosis? Aetiological and prognostic factors of an atypical form of obsessive-compulsive neurosis. Solyom L, et al. **Can J Psychiatry** 1985 Aug; 30(5):372–80

Investigation of operationalized diagnostic criteria in the diagnosis of schizoaffective and cycloid psychoses. Vogl G, et al. **Compr Psychiatry** 1985 Jan–Feb;26(1):1–10

Prognosis and outcome in a cohort of patients with non-affective functional psychosis. Giel R, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(2):97–101

Is 'schizophrenia, schizo-affective type' a useful diagnosis? Ten years experience from Danish psychiatric hospitals. Jensen EB. **Eur Arch Psychiatry Neurol Sci** 1984; 234(4):285–9

The dexamethasone suppression test and thyroid stimulating hormone response to TRH in RDC schizoaffective patients. Sauer H, et al. **Eur Arch Psychiatry Neurol Sci** 1984; 234(4):264–7

On the nosology of severe psychiatric post-partum disorders. Results of a catamnestic investigation. Schöpf J, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(1):54–63

The diagnostic value in assessing mood congruence in delusions and hallucinations and their relationship to the affective state. Winokur G, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(5):299–302

Assessment and treatment of the late-onset psychoses. Leuchter AF. **Hosp Community Psychiatry** 1985 Aug; 36(8):815–6, 818

Phenomenology and family history in DSM-III psychotic depression. Coryell W, et al. **J Affective Disord** 1985 Jul; 9(1):13–8

The dexamethasone suppression test in schizo-affective depression. Katona CL, et al. **J Affective Disord** 1985 Mar–Apr;8(2):107–12

A case of Capgras delusion presenting as a postpartum psychosis. De Leo D, et al. **J Clin Psychiatry** 1985 Jun; 46(6):242–3

Postpartum psychosis as a discrete entity. Munoz RA. **J Clin Psychiatry** 1985 May;46(5):182–4

The relationship between the Wiggins' PSY scale and length of hospitalization: a re-examination. Patrick J. **J Clin Psychol** 1985 May;41(3):386–8

Distinguishing obsessional from psychotic phenomena. Pies R. **J Clin Psychopharmacol** 1984 Dec;4(6):345–7

Six years of psychosis [clinical conference] Fried RA, et al. **J Fam Pract** 1984 Nov;19(5):611,615–6,621 passim

A symbolic interactionist view of psychosis. Rosenberg M. **J Health Soc Behav** 1984 Sep;25(3):289–302

Impulsive nonconformity as a trait contributing to the prediction of psychotic-like and schizotypal symptoms. Chapman LJ, et al. **J Nerv Ment Dis** 1984 Nov; 172(11):681–91

The late-onset psychoses. Clinical and diagnostic features. Leuchter AF, et al. **J Nerv Ment Dis** 1985 Aug; 173(8):488–94

Thought disorder. A function of schizophrenia, mania, or psychosis? Marengo J, et al. **J Nerv Ment Dis** 1985 Jan; 173(1):35–41

Psychiatric manifestations of right hemisphere infarctions. Price BH, et al. **J Nerv Ment Dis** 1985 Oct;173(10):610–4

Atypical psychosis: report of two cases. Hien LK, et al. **Med J Malaysia** 1984 Jun;39(2):151–5

Clinical differentiation of borderline syndromes from the psychoses. Meissner WW. **Psychoanal Rev** 1984 Sep; 71(2):185–210

The evolution of some European diagnostic concepts relevant to the category of schizoaffective psychoses. Maj M. **Psychopathology** 1984;17(4):158–67

Capgras' syndrome with dysmorphic delusion in an adolescent. Kourany RF, et al. **Psychosomatics** 1984 Sep; 25(9):715–7

Puerperal psychiatric illness. Kua EH, et al. **Singapore Med J** 1983 Dec;24(6):357–9

[Diagnosis and taxonomy of periodic psychosis] Gao ZX. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Feb; 18(1):53–6 (Eng. Abstr.) **(Chi)**

[Is lactation psychosis a symptomatic schizoform psychosis or is it a schizophrenia evoked by breast feeding?] Gazárek F. **Cesk Gynekol** 1985 Mar;50(2):150–2 **(Cze)**

[A 2-dimensional model for the differential diagnosis of 6 nosographic categories] Skoda C. **Cesk Psychiatr** 1984 Aug; 80(4):279–84 **(Cze)**

[Integrated lists of taxonomic evaluation criteria: LICET-S and LICET-D] Pull CB, et al. **Acta Psychiatr Belg** 1984 Jul–Aug;84(4):297–309 (Eng. Abstr.) **(Fre)**

[French empiric criteria for psychoses. I. Situation of the problem and methodology] Pull CB, et al. **Encephale** 1984; 10(3):119–23 (Eng. Abstr.) **(Fre)**

[Acute porphyria, acute psychosis and psychotropic drugs. Apropos of a case] Kamal S, et al. **Union Med Can** 1985 Apr;114(4):330–1 **(Fre)**

[Schizoaffective psychoses in Germany and Japan––a transcultural psychiatric study] Omata W. **Fortschr Neurol Psychiatr** 1985 May;53(5):168–76 (Eng. Abstr.) **(Ger)**

[Psychogenic psychoses] Haenel T. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(2):299–313 (Eng. Abstr.) **(Ger)**

[Comparative clinical studies on schizoaffective psychosis, bipolar disorder and paranoid schizophrenia. I. Selected features of the psychopathological picture and course of the illness] Habrat B. **Psychiatr Pol** 1984 Sep–Oct; 18(5):425–31 (Eng. Abstr.) **(Pol)**

DRUG THERAPY

Clonazepam––antipsychotic effect in a case of schizophrenia-like psychosis with epilepsy and in three cases of atypical psychosis. Frykholm B. **Acta Psychiatr Scand** 1985 May;71(5):539–42

Tolerability and therapeutic effect of clozapine. A retrospective investigation of 216 patients treated with clozapine for up to 12 years. Juul Povlsen U, et al. **Acta Psychiatr Scand** 1985 Feb;71(2):176–85

Chronic treatments in neuropsychiatry. **Adv Biochem Psychopharmacol** 1985;40:1–219

Response to lithium prophylaxis in schizoaffective psychoses. Kemali D, et al. **Adv Biochem Psychopharmacol** 1985; 40:153–8

Use of clonazepam in a patient with schizoaffective disorder [letter] Greenspan D, et al. **Am J Psychiatry** 1985 Jun; 142(6):774–5

Ratio of serum prolactin to haloperidol and early clinical outcome in acute psychosis. Swigar ME, et al. **Am J Psychiatry** 1984 Oct;141(10):1281–3

Clinical characteristics of hospitalized psychotic patients who refuse antipsychotic drug therapy. Zito JM, et al. **Am J Psychiatry** 1985 Jul;142(7):822–6

Early clinical experiences with sulpiride [letter] Soni SD, et al. **Br J Psychiatry** 1985 Jun;146:673

The use of carbamazepine as an adjunctive medication in the treatment of affective disorders: a clinical report. Kwamie Y, et al. **Can J Psychiatry** 1984 Nov;29(7):605–8

Antipsychotic and prophylactic effects of acetazolamide (Diamox) on atypical psychosis. Inoue H, et al. **Folia Psychiatr Neurol Jpn** 1984;38(4):425–36

Emergency treatment of acute psychosis, agitation, and anxiety. Ellison JM. **Hosp Community Psychiatry** 1985 Apr; 36(4):351–2

Slow-release lithium in treatment of schizoaffective syndromes. Romeo R, et al. **Int J Clin Pharmacol Res** 1985; 5(3):205–11

Lithium dosage in the elderly. A study with matched age groups. Greil W, et al. **J Affective Disord** 1985 Jul;9(1):1–4

Antipsychotic drug side effects: their relationship to dose. Kane JM. **J Clin Psychiatry** 1985 May;46(5 Pt 2):16–21 (24 ref.)

Relationship between patient variables and lithium dosage requirements. Lesar TS, et al. **J Clin Psychiatry** 1985 Apr; 46(4):133–6

Antipsychotic medication and the elderly. Raskin DE. **J Clin Psychiatry** 1985 May;46(5 Pt 2):36–40

Pharmacology of neuroleptics in use in the United States. Richelson E. **J Clin Psychiatry** 1985 Aug;46(8 Pt 2):8–14

Serum haloperidol concentrations and clinical response in acute psychosis. Miller DD, et al. **J Clin Psychopharmacol** 1984 Dec;4(6):305–10

Pharmacological basis of therapeutics: dopamine receptors. Heikkila RE. **J Med Soc NJ** 1984 Dec;81(12):1084–6

Familial differences in lithium responsive versus lithium nonresponsive psychoses. Sautter F, et al. **J Psychiatr Res** 1985;19(1):1–8

Tardive dyskinesia: current clinical issues. Burke RE. **Neurology (NY)** 1984 Oct;34(10):1348–53 (69 ref.)

TSH-response patterns to TRH stimulation may indicate therapeutic mechanisms of antidepressant and neuroleptic drugs. Langer G, et al. **Neuropsychobiology** 1984; 11(4):211–8

Cortisol changes in long-term lithium therapy. Smigan L, et al. **Neuropsychobiology** 1984;11(4):219–23

Antipsychotic efficacy of fluperlapine. An open multicenter trial. Woggon B, et al. **Neuropsychobiology** 1984; 11(2):116–20

Effect of naloxone on the state of patients with endogenous psychoses. Lideman RR, et al. **Neurosci Behav Physiol** 1984 Nov–Dec;14(6):471–5

A prospective study of the effects of lithium on thyroid function and on the prevalence of antithyroid antibodies. Myers DH, et al. **Psychol Med** 1985 Feb;15(1):55–61

The prevalence of tardive dyskinesia. Kane JM, et al. **Psychopharmacol Bull** 1985;21(1):136–9

Plasma haloperidol levels and clinical response: confounding variables. Mavroidis ML, et al. **Psychopharmacol Bull** 1985; 21(1):62–5

Does a therapeutic window for plasma haloperidol exist?: Preliminary Chinese data. Potkin SG, et al. **Psychopharmacol Bull** 1985;21(1):59–61

A trial of adjunctive imipramine in postpsychotic depression. Siris SG, et al. **Psychopharmacol Bull** 1985;21(1):114–6

Early relapse after sudden withdrawal or dose reduction of clozapine [letter] Perényi A, et al. **Psychopharmacology (Berlin)** 1985;86(1–2):244

Comparative efficacy of red cell and plasma haloperidol as predictors of clinical response in schizophrenia. Smith RC, et al. **Psychopharmacology (Berlin)** 1985;85(4):449–55

Tardive dyskinesia: reversible and irreversible. Casey DE. **Psychopharmacology [Suppl]** 1985;2:88–97

Prevalence of tardive dyskinesia in a clinic population. Fleischhauer J, et al. **Psychopharmacology [Suppl]** 1985; 2:162–72

Pathophysiological mechanisms underlying tardive dyskinesia. Gerlach J. **Psychopharmacology [Suppl]** 1985; 2:98–103

Experience with fluphenazine hydrochloride injection [letter] Zabow T. **S Afr Med J** 1985 Jan 26;67(4):118

Acutely psychotic patients: a treatment approach. Wagemaker H, et al. **South Med J** 1985 Jul;78(7):833–7

[Development of a new phase in research of combined Chinese and western medicine on psychoses] Zhang JZ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov;4(11):692–4 **(Chi)**

[Haloperidol decanoate. Results of an open-ended multicentric study in chronic psychotic states] Lemperiere T, et al. **Encephale** 1984;10(5):217–22 (Eng. Abstr.) **(Fre)**

[Quantitative approach to treatment with incisive neuroleptics by therapeutic monitoring] Balant-Gorgia AE, et al. **Schweiz Med Wochenschr** 1985 Jan 5;115(1):14–8 (Eng. Abstr.) **(Fre)**

[Carbamazepine in manic syndromes. A controlled double-blind study] Gonçalves N, et al. **Nervenarzt** 1985 Jan;56(1):43–7 **(Ger)**

[Clinical experience with depot neuroleptic treatment] Waldmann KD, et al. **Z Arztl Fortbild (Jena)** 1984; 78(20):853–6 **(Ger)**

[Lithium salts in the treatment of schizoaffective psychosis] Kopel A. **Psychiatr Pol** 1984 May–Jun;18(3):279–83 **(Pol)**

[Preventive treatment of affective psychoses with finlepsin] Vovin RIa, et al. **Zh Nevropatol Psikhiatr** 1984; 84(8):1226–30 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Metabolism of an ingested serine load in psychotic and nonpsychotic subjects. Wilcox J, et al. **Biol Psychiatry** 1985 Jan;20(1):41–9

ETIOLOGY

Etiological and prevention views of clinicians with mentally ill relatives. Lefley HP. **Am J Orthopsychiatry** 1985 Jul; 55(3):363–70

Psychotic syndromes in epilepsy. McKenna PJ, et al. **Am J Psychiatry** 1985 Aug;142(8):895–904

Schizophreniform disorder in a mentally retarded adolescent boy following sexual victimization [letter] Martorana GR. **Am J Psychiatry** 1985 Jun;142(6):784

Hypercalcemia in the etiology of puerperal psychosis. Riley DM, et al. **Biol Psychiatry** 1985 May;20(5):479–88

A re-evaluation of the viral hypothesis: is psychosis the result of retroviral integration at a site close to the cerebral dominance gene? Crow TJ. **Br J Psychiatry** 1984 Sep; 145:243–53

Believing your husband has been replaced by an impostor because you have a pituitary tumour [letter] Sumners D. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):699–700

The effect of selected preoperative, intraoperative, and postoperative variables on the development of postcardiotomy psychosis in patients undergoing open heart surgery. Quinless FW, et al. **Heart Lung** 1985 Jul; 14(4):334–41

Schizophreniform psychosis associated with chronic industrial toluene exposure: case report. Goldbloom D, et al. **J Clin Psychiatry** 1985 Aug;46(8):350–1

Acute psychosis following phenelzine discontinuation. Liskin B, et al. **J Clin Psychopharmacol** 1985 Feb;5(1):46–7

Schizophreniform psychosis and adrenomyeloneuropathy. James AC, et al. **J R Soc Med** 1984 Oct;77(10):882–4

Psychosis as a reaction to leukemia in an adolescent. Irwin M. **South Med J** 1984 Nov;77(11):1458–60

[Myxedema psychosis] Johannessen A, et al. **Ugeskr Laeger** 1984 Aug 13;146(33):2483–4 (Eng. Abstr.) **(Dan)**

[Psychotic episodes following a training seminar in alternative medicine] Bille H, et al. **Tidsskr Nor Laegeforen** 1985 Mar 10;105(7):521–3 (Eng. Abstr.) **(Nor)**

[Mental disorders in persons who have stayed abroad for a long time] Krupka-Matuszczyk I, et al. **Psychiatr Pol** 1984 Jul–Aug;18(4):345–8 (Eng. Abstr.) **(Pol)**

[Bicameral model of the brain and endogenous psychoses] Kubacki A. **Psychiatr Pol** 1984 Nov–Dec;18(6):589–98 (40 ref.) **(Pol)**

[Psychotism as a personality measure (remarks with regard to H.J. Eysenck's theory)] Pospiszyl K. **Psychiatr Pol** 1984 Nov–Dec;18(6):603–10 (26 ref.) **(Pol)**

[Limits of reactive delusion formation] Moefes SM. **Zh Nevropatol Psikhiatr** 1985;85(2):277–81 (32 ref.) **(Rus)**

[Acute psychosis caused by hypoglycemia] Roos U, et al. **Lakartidningen** 1984 Dec 5;81(49):4645–6 **(Swe)**

FAMILIAL & GENETIC

Mental illness and sex chromosome aberration: renewed interest in light of a current survey. Wahlström J, et al. **Acta Psychiatr Scand** 1984 Oct;70(4):404–5

Separate heritability of alcoholism and psychotic symptoms. Cook BL, et al. **Am J Psychiatry** 1985 Mar;142(3):360–1

Treatment for children of volatile psychotic adults in the adult psychiatric setting. Rosenheck R, et al. **Am J Psychiatry** 1984 Dec;141(12):1555–9

Chromosome abnormalities in infantile autism and other childhood psychoses: a population study of 66 cases. Gillberg C, et al. **Dev Med Child Neurol** 1985 Jun; 27(3):293–304

A family study of psychotic symptomatology in schizophrenia, schizoaffective disorder, unipolar depression, and bipolar disorder. Winokur G, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(5):295–8

Parental expressed emotion and psychophysiological reactivity in an adolescent sample at risk for schizophrenia spectrum disorders. Valone K, et al. **J Abnorm Psychol** 1984 Nov;93(4):448–57

Biological markers in major psychosis and alcoholism: phenotypic and genotypic markers. Radouco-Thomas S, et al. **J Psychiatr Res** 1984;18(4):513–39 (72 ref.)

Markers in psychoses: studies from India. Sethi BB, et al. **J Psychiatr Res** 1984;18(4):361–72 (70 ref.)

The significance of genetic factors in psychiatric disorders. Guze SB. **Prog Clin Biol Res** 1985;177:449–59

The experience from the adoption method in genetic research. Schulsinger F. **Prog Clin Biol Res** 1985; 177:461–78 (68 ref.)

Failure in the treatment of a psychotic mother and child: aspects of transference and resistance. Schwartz C. **Psychoanal Rev** 1984 Nov;71(3):397–411

HISTORY

Joan of Arc and DSM III. Henker FO. **South Med J** 1984 Dec;77(12):1488–90

IMMUNOLOGY

Neural tissue hypersensitivity in psychiatric disorders with immunologic features. Janković BD. **J Immunol** 1985 Aug; 135(2 Suppl):853s–857s

Food antibodies in acute psychoses. Rix KJ, et al. **Psychol Med** 1985 May;15(2):347–54

[The role of immunologic factors in mental disorders. Minisymposium. 3d Congress of Czechoslovakian immunologists. Hradec Králové, 30 August–2 September 1982] **Cesk Psychiatr** 1985 Feb;81(1):26–57 **(Cze)**

[The HLA system and psychiatry (analysis of results)] Májský A. **Cesk Psychiatr** 1985 Jun;81(3):171–5 (Eng. Abstr.) **(Cze)**

METABOLISM

Trace elements in brains of patients with alcohol abuse, endogeneous psychosis and schizophrenia. Demmel U, et al. **Sci Total Environ** 1984 Sep;38:69–77

[Influence of nutritional status on intravenous pharmacokinetics of haloperidol in psychotic patients] Donoso A, et al. **Rev Med Chil** 1984 Aug;112(8):777–83 (Eng. Abstr.) **(Spa)**

MORTALITY

Recent rise in supposedly stress dependent causes of death in psychiatric hospitals in Norway indicating increased 'stress' in hospitals? Saugstad L, et al. **Acta Psychiatr Scand** 1985 Apr;71(4):402–9

NURSING

Postpartum disorders. Mother-infant bonding on a psychiatric unit. Hurt LD, et al. **J Psychosoc Nurs Ment Health Serv** 1985 Feb;23(2):15–20

OCCURRENCE

Post-partum mental illness in northern Nigeria. Ifabumuyi OI, et al. **Acta Psychiatr Scand** 1985 Jul;72(1):63–8

Data on psychosis in Ireland unconfirmed [letter] Cummins PW. **Am J Psychiatry** 1985 Apr;142(4):518–9

Is psychosis endemic in western Ireland? [letter] Fahy TJ. **Am J Psychiatry** 1985 Aug;142(8):998–9

PHYSIOPATHOLOGY

Prefrontal cortex dysfunction as a common factor in psychosis. Müller HF. **Acta Psychiatr Scand** 1985 May; 71(5):431–40

The dexamethasone suppression test in patients with postpsychotic depressions. Siris SG, et al. **Biol Psychiatry** 1984 Sep;19(9):1351–6

Biological antagonism and epileptic psychosis. Wolf P, et al. **Br J Psychiatry** 1985 Mar;146:272–6

Thalamic attention circuitry normal and psychotic. McLardy T. **Med Hypotheses** 1984 Nov;15(3):231–9

An acute syndrome with psychiatric symptoms and EEG abnormalities. Drury I, et al. **Neurology** 1985 Jun; 35(6):911–4

Further investigation of the dexamethasone suppression test in affective illnesses: relationship to clinical diagnosis and therapeutic response. Mendlewicz J, et al. **Neuropsychobiology** 1984;12(1):23–6

Variations in the Hoffmann reflex recovery curve related to clinical manifestations of schizoaffective disorder. Goode DJ, et al. **Psychiatry Res** 1985 May;15(1):63–70

Vestibular activation, smooth pursuit tracking, and psychosis. Jones AM, et al. **Psychiatry Res** 1985 Apr;14(4):291–308

Dopamine and non-dopamine psychoses. Garver DL, et al. **Psychopharmacology (Berlin)** 1984;84(1):138–40

PREVENTION & CONTROL

Effectiveness of lithium prophylaxis in schizoaffective psychoses: application of a polydiagnostic approach. Maj M. **Acta Psychiatr Scand** 1984 Sep;70(3):228–34

[Prevention of puerperal psychoses] Simon R, et al. **Rev Paul Med** 1984 Jul–Aug;102(4):151–4 (Eng. Abstr.) **(Por)**

PSYCHOLOGY

A case of psychosis in sequence with hormonal suppression of growth. Taipale V, et al. **Acta Paedopsychiatr (Basel)** 1984 Oct;50(4):175–7

A follow-up study of post partum illness, 1946–1978. Davidson J, et al. **Acta Psychiatr Scand** 1985 May; 71(5):451–7

Offspring of women with nonorganic psychosis: mother-infant interaction at three-and-a-half and six months of age. McNeil TF, et al. **Acta Psychiatr Scand** 1985 Jun;71(6):551–8

Women with nonorganic psychosis: pregnancy's effect on mental health during pregnancy. McNeil TF, et al. **Acta Psychiatr Scand** 1984 Aug;70(2):140–8

Women with nonorganic psychosis: mental disturbance during pregnancy. McNeil TF, et al. **Acta Psychiatr Scand** 1984 Aug;70(2):127–39

Women with nonorganic psychosis: factors associated with pregnancy's effect on mental health. McNeil TF, et al. **Acta Psychiatr Scand** 1984 Sep;70(3):209–19

Offspring of women with nonorganic psychosis: mother-infant interaction at three and six weeks of age. Näslund B, et al. **Acta Psychiatr Scand** 1985 May; 71(5):441–50

Offspring of women with nonorganic psychosis: mother-infant interaction at three days of age. Persson-Blennow I, et al. **Acta Psychiatr Scand** 1984 Aug; 70(2):149–59

Deviations on exploration, attachment, and fear of strangers in high-risk and control infants at one year of age. Näslund B, et al. **Am J Orthopsychiatry** 1984 Oct;54(4):569–77

Dissociation and psychotic symptoms. Steingard S, et al. **Am J Psychiatry** 1985 Aug;142(8):953–5

Thought disorder in children at risk for psychosis. Arboleda C, et al. **Arch Gen Psychiatry** 1985 Oct;42(10):1004–13

Neuropsychological findings relating to Capgras syndrome. Morrison RL, et al. **Biol Psychiatry** 1984 Jul;19(7):1119–28

Hairy dentures: a monosymptomatic hypochondriacal psychosis. Mack PJ. **Br Dent J** 1985 Jan 19;158(2):50–1

Koro and psychosis. Ang PC, et al. **Br J Psychiatry** 1984 Sep;145:335

Psychosis in bipolar and unipolar affective illness with special reference to schizo-affective disorder. Winokur G. **Br J Psychiatry** 1984 Sep;145:236–42

A model of communication for the study of psychotic phenomena. Bartolucci G. **Compr Psychiatry** 1984 Sep–Oct; 25(5):478–90

Relationships of mood and interpersonal perceptions. Janowsky DS, et al. **Compr Psychiatry** 1984 Nov–Dec; 25(6):546–51

Torque response in psychotics and normal controls: a study in an Asian culture. Yan SM, et al. **Compr Psychiatry** 1985 Jul–Aug;26(4):342–4

Stability of psychotic symptomatology (delusions, hallucinations), affective syndromes, and schizophrenic symptoms (thought disorder, incongruent affect) over episodes in remitting psychoses. Winokur G, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(5):303–7

The Schreber case: a reappraisal. Grotstein JS. **Int J Psychoanal Psychother** 1984–85;10:321–75

Susceptibility to type A backward pattern masking among hypothetically psychosis-prone college students. Balogh DW, et al. **J Abnorm Psychol** 1985 Aug;94(3):377–83

Social anhedonia in the prediction of psychosis proneness. Mishlove M, et al. **J Abnorm Psychol** 1985 Aug; 94(3):384–96

Characteristics of the psychoses of late onset in children and adolescents (a comparative study of hallucinating children). Garralda ME. **J Adolesc** 1985 Jun;8(2):195–207

Water intoxication associated with nephrogenic diabetes insipidus secondary to lithium: case report. De Soto MF, et al. **J Clin Psychiatry** 1985 Sep;46(9):402–3

Recognizing transference and countertransference. Schroder PJ. **J Psychosoc Nurs Ment Health Serv** 1985 Feb; 23(2):21–6

Level of aspiration and performance of chronic psychiatric patients on a simple motor task. Nadler IM, et al. **Percept Mot Skills** 1985 Jun;60(3):767–70

Comparative validity of the MMPI-168 and the MMPI-168E in discrimination of neurotic and psychotic MMPI profiles. Gayton WF, et al. **Psychol Rep** 1984 Dec;55(3):874

Hourglass model of psychiatric diseases: the endogenous psychoses. Pethö B. **Schizophr Bull** 1984;10(4):509–19

Psychotic reactions to a natural disaster: Hurricane Alicia. Carlson RJ, et al. **Tex Med** 1985 Jul;81(7):48–9

[Comments on the theory of psychosis] Dobrý J. **Cesk Psychiatr** 1984 Aug;80(4):252–4 (Eng. Abstr.) **(Cze)**

[Efficacy of fenfluramine for the treatment of compulsive behavior disorders in psychotic children (letter)] Gastaut H. **Presse Med** 1984 Sep 29;13(33):2024–5 **(Fre)**

[Collective psychoses] Zbinden JD. **Schweiz Rundsch Med Prax** 1985 Jul 16;74(29):774–8 (Eng. Abstr.) **(Fre)**

[Psychogenic psychoses. A review of the clinical picture, genesis, prognosis and therapy] Degkwitz R. **Fortschr Neurol Psychiatr** 1985 Jan;53(1):22–8 (Eng. Abstr.) **(Ger)**

[A 2-system theory of information processing and its significance for the autistic syndrome and other psychoses] Hartmann H, et al. **Prax Kinderpsychol Kinderpsychiatr** 1984 Oct;33(7):272–81 (Eng. Abstr.) **(Ger)**

[The ruined picture of modern man in Günter Grass' novel 'The Tin Drum'] Neumarkt P. **Psyche (Stuttg)** 1985 Jul; 39(7):648–63 (Eng. Abstr.) **(Ger)**

[Multidimensional studies of circadian biorhythm in psychoses] Knorr W, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Mar; 37(3):138–44 (Eng. Abstr.) **(Ger)**

[Psychopathology and prognosis of puerperal psychoses] Lammel M. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Jun;36(6):340–6 (Eng. Abstr.) **(Ger)**

[The origin of violence in psychiatry—a contribution to double-bind rage] Knoll M. **Psychiatr Prax** 1985 Jul; 12(4):116–23 (Eng. Abstr.) **(Ger)**

[Scientific nature, dialogic aspects and psychosis] Herzka HS, et al. **Schweiz Arch Neurol Psychiatr** 1985;136(2):9–18 (Eng. Abstr.) **(Ger)**

[Value of the levels of processing approach—text learning in an age cross-section of psychotic patients and normal probands] Berger-Zenk H, et al. **Z Exp Angew Psychol** 1985;32(1):3–20 (Eng. Abstr.) **(Ger)**

[Content and formal evaluation of a psychoticism factor in multi-dimensional personality inventories. Exemplified by the Paranoid-Neuroticism-Depression Scale versions in relation to the Freiburg Personality Inventory and the Giessen Test] Hobi V. **Z Exp Angew Psychol** 1984; 31(4):586–609 (Eng. Abstr.) **(Ger)**

[Compulsion in neurosis, psychosis and psychosomatic disease] Lang H. **Z Klin Psychol Psychopathol Psychother** 1985;33(1):65–76 (Eng. Abstr.) **(Ger)**

[Family characteristics of youngsters attempting suicide in Campinas, Brazil: a comparative study with normal and psychiatric youngsters] Cassorla RM. **Acta Psiquiatr Psicol Am Lat** 1984 Jun;30(2):125–34 (Eng. Abstr.) **(Por)**

REHABILITATION

Chronic patient has numerous changes in drugs, therapists; makes only limited gains. Frances A, et al. **Hosp Community Psychiatry** 1985 Mar;36(3):233–5

[Daily life of patients in a day hospital] Gluge M, et al. **Soc Psychiatry** 1985;20(2):70–5 (Eng. Abstr.) **(Fre)**

[Experiences from group visits made within the framework of a sociopsychiatric rehabilitation program] Nitzsche M, et al. **Z Gesamte Hyg** 1985 Mar;31(3):179–80 (Eng. Abstr.) **(Ger)**

[Prospects for rehabilitation of chronic psychotic patients] Spinetti G, et al. **Minerva Psichiatr** 1984 Oct–Dec; 25(4):275–8 (Eng. Abstr.) **(Ita)**

THERAPY

A certain kind of madness. Authentic case histories from Australian general practice. Colquhoun JP. **Aust Fam Physician** 1985 Feb;14(2):132–3

Hormone response to repeated electroconvulsive therapy: effects of naloxone. Haskett RF, et al. **Biol Psychiatry** 1985 Jun;20(6):623–33

Maggot in the salt, the snake factor and the treatment of atypical psychosis in West African women. Farmer AE, et al. **Br J Psychiatry** 1985 Apr;146:446–8

ECT in an acutely psychotic pregnant woman with actively aggressive (homicidal) impulses. Varan LR, et al. **Can J Psychiatry** 1985 Aug;30(5):363–7

Electroconvulsive therapy [letter] Ray I. **Can Med Assoc J** 1984 Nov 1;131(9):1016

Electroconvulsive therapy and the elderly. Burke WJ, et al. **Compr Psychiatry** 1985 Sep–Oct;26(5):480–6

Psychoanalytic approach to psychotic disturbances in very young children: a clinical report. Galenson E. **Hillside J Clin Psychiatry** 1984;6(2):221–40

The journey of Sylvia Frumkin: a case study for policymakers. Moran AE, et al. **Hosp Community Psychiatry** 1984 Sep;35(9):887–93

Characteristics of young adults with schizophrenic disorders treated in the community. Test MA, et al. **Hosp Community Psychiatry** 1985 Aug;36(8):853–8

The oral deadlock: treatment of a psychotic child. Bergman A, et al. **J Am Psychoanal Assoc** 1983;31(2):443–65

The role of the idealizing transference in the treatment of psychotic patients. Levick SE, et al. **J Nerv Ment Dis** 1985 May;173(5):292–7

The treatment-resistant patient and the need to stay crazy. Geisen L, et al. **Psychiatr Q** 1984 Spring;56(1):75–82

The implications of bilingualism in the study and treatment of psychiatric disorders: a review. de Zulueta FI. **Psychol Med** 1984 Aug;14(3):541–57

[The psychotic patient, the community , the hospital... and others. Therapeutic continuity. A problematic triangle] Vermeylen J. **Acta Psychiatr Belg** 1984 Sep–Oct; 84(5):452–7 (Eng. Abstr.) **(Fre)**

[Experience with the therapeutic outcome of psychotic patients] Doutheau C, et al. **Ann Med Psychol (Paris)** 1984 Jul–Aug;142(7):1024–32 **(Fre)**

[The treatment of psychotic and schizophrenic patients in a psychiatric outpatient service] Barrelet L. **Schweiz Rundsch Med Prax** 1984 Sep 11;73(37):1109–12 (Eng. Abstr.) **(Fre)**

[Significance of combined ambulatory and inpatient long-term care of endogenous psychoses] Waldmann KD, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Jul; 36(7):406–13 (Eng. Abstr.) **(Ger)**

[Physician-patient relations in endogenous psychoses] Pieringer W, et al. **Wien Klin Wochenschr [Suppl]** 1984; 154:12–5 (Eng. Abstr.) **(Ger)**

[Influence of thermal treatment in psychosis] Ribeiro MA, et al. **Acta Med Port** 1984 Jun;5(6):171–4 (Eng. Abstr.) **(Por)**

[Transference in psychoses] Ricón L. **Acta Psiquiatr Psicol Am Lat** 1984 Jun;30(2):105–11 (Eng. Abstr.) **(Spa)**

PSYCHOTOMIMETIC AGENTS see HALLUCINOGENS

PSYCHOTROPIC DRUGS

see related
PSYCHOPHARMACOLOGY

Khat: an amphetamine-like plant material. Kalix P, et al. **Bull WHO** 1984;62(5):681–6

The non-medical use of prescription psychotropic drugs by school boys in greater Cairo. Soueif MI, et al. **Drug Alcohol Depend** 1985 May;15(1–2):193–201

The association between tobacco smoking and use of other psychoactive substances among Egyptian male students. Soueif MI, et al. **Drug Alcohol Depend** 1985 May; 15(1–2):47–56

Psychotropic drug use by women: demographic, lifestyle, and personality correlates. Marinier RL, et al. **Drug Intell Clin Pharm** 1985 Jan;19(1):40–5

The abstinence phobias: links between substance abuse and anxiety. Hall SM. **Int J Addict** 1984 Sep;19(6):613–31

Characteristics of college students who use psychoactive drugs for nonmedical reasons. Nicholi AM Jr. **J Am Coll Health** 1985 Apr;33(5):189–92

A multidisciplinary overview of intoxicating snuff rituals in the western hemisphere. de Smet PA. **J Ethnopharmacol** 1985 Mar;13(1):3–49 (258 ref.)

Tetracyclic pyridazines as potential psychopharmacological agents. Ross BS, et al. **J Med Chem** 1985 Jul;28(7):870–5

The antipodes of the mind. Cohen S. **J Subst Abuse Treat** 1984;1(3):151–5

Psychopharmacology and society [editorial] **Lancet** 1985 May 25;1(8439):1201

Restricted drug list [letter] Symonds RL. **Lancet** 1985 Feb 16;1(8425):402–3

The limit of violence: psychotropic drugs, law and ethics. Tamm JM. **Med Law** 1985;4(2):155–66

Developmental patterns of the use of legal, illegal, and medically prescribed psychotropic drugs from adolescence to young adulthood. Kandel DB, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1985;56:193–235

Proceedings of the congress of the AGNP. Nuremberg, 1983. Abstracts. **Pharmacopsychiatry** 1985 Jan;18(1):1–177

Symposium on clinical pharmacology I. **Psychiatr Clin North Am** 1984 Sep;7(3):409–654

Psychotropic effects of enalapril maleate in normal volunteers. Olajide D, et al. **Psychopharmacology (Berlin)** 1985;86(3):374–6

[Shoplifting under the influence of psychopharmacologic drugs] Stofer AR. **Rev Med Suisse Romande** 1984 Nov; 104(11):925–8 **(Fre)**

[Potential for dependence of analgesics and psychopharmaceuticals] Hoffmeister F. **Arzneimittelforsch** 1984;34(9A):1096–107 (Eng. Abstr.) **(Ger)**

[Drug remedies: the road to dependence? Extent and appearance of abuse of psychotropically active substances] Kovar KA. **Fortschr Med** 1985 May 9;103(18):76–7 **(Ger)**

[Alcohol, drugs and traffic legislation] Eulitz J, et al. **Z Arztl Fortbild (Jena)** 1984;78(20):873–7 **(Ger)**

ADMINISTRATION & DOSAGE

City-wide survey of drug patterns among non-institutionalized mentally retarded persons. Aman MG, et al. **Appl Res Ment Retard** 1985;6(2):159–71

A survey of prescribing of psychotropic drugs in a Birmingham psychiatric hospital. Edwards S, et al. **Br J Psychiatry** 1984 Nov;145:502–7

Prescribing psychotropic drugs in general practice: three year study. Jones L, et al. **Br Med J [Clin Res]** 1984 Oct 20; 289(6451):1045–8

Medication mini-doses in some aged patients [letter] Cole M. **Can J Psychiatry** 1984 Nov;29(7):632

Drug misuse in nursing homes: an institutional addiction? Waxman HM, et al. **Hosp Community Psychiatry** 1985 Aug; 36(8):886–7

Current status of institutionalized mental health patients' right to refuse psychotropic drugs. Kemna DJ. **J Leg Med (Chicago)** 1985 Mar;6(1):107–38 (0 ref.)

Asians and medication [letter] Harris B. **J Psychosoc Nurs Ment Health Serv** 1985 Jul;23(7):5

Psychotropic drug prescribing. Fleming DM, et al. **J R Coll Gen Pract** 1984 Apr;34(261):216–20

Rogers v. Commissioner: do multiple 'wrongs' make patients' rights? Gutheil TG. **New Dir Ment Health Serv** 1985 Mar; (25):35–45

Establishing socially validated drug research in community settings. Agran M, et al. **Psychopharmacol Bull** 1985; 21(2):285–90 (32 ref.)

Psychoactive drug use in public and community residential facilities for mentally retarded persons. Intagliata J, et al. **Psychopharmacol Bull** 1985;21(2):268–78

Issues and future research directions of pharmacotherapy in mental retardation. Schroeder SR. **Psychopharmacol Bull** 1985;21(2):323–6

[Drug interactions involving psychotropic agents and anticonvulsants] Delwaide PA. **Acta Psychiatr Belg** 1984 Jul–Aug;84(4):362–81 (23 ref.) (Eng. Abstr.) **(Fre)**

ADVERSE EFFECTS

Adverse drug reactions—an epidemiological study at psychiatric hospitals [letter] Chaturvedi SK. **Acta Psychiatr Scand** 1985 Feb;71(2):204–5

Contribution of adverse drug reaction to admission rates in an acute psychiatric ward. Hermesh H, et al. **Acta Psychiatr Scand** 1985 Jul;72(1):104–10

Chronic treatments in neuropsychiatry. **Adv Biochem Psychopharmacol** 1985;40:1–219

Driving tests with patients. de Gier JJ. **Br J Clin Pharmacol** 1984;18 Suppl 1:103S–108S

Psychological components of psychopharmacological side effects. A clinical contribution. Modestin J. **Bull Menninger Clin** 1985 Jan;49(1):29–36

Assessment of adverse drug reactions in psychiatric hospitals. Grohmann R, et al. **Eur J Clin Pharmacol** 1984;26(6):727–34

Drug-induced sexual dysfunction in older men. Van Arsdalen KN, et al. **Geriatrics** 1984 Oct;39(10):63–7, 70

Pregnancy and psychiatric drugs. Hauser LA. **Hosp Community Psychiatry** 1985 Aug;36(8):817–8

Psychotropic drugs and long QT syndromes: case reports. Flugelman MY, et al. **J Clin Psychiatry** 1985 Jul; 46(7):290–1

Psychotropic drug effects contributing to psychiatric hospitalization of children: a preliminary study. Fialkov MJ, et al. **J Dev Behav Pediatr** 1984 Dec;5(6):325–30

The use of phenobarbital in treating abstinence in newborns exposed in utero to psychoactive agents. Finnegan LP, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:329

Cerebral ventricular changes in newborns exposed to psychoactive agents in utero. Pasto M, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:331

Perinatal psychoactive drug use: effects on gender, development, and function in offspring. Martin JC. **Nebr Symp Motiv** 1984;32:227–66 (97 ref.)

Psychotropics during pregnancy and lactation: a review. Calabrese JR, et al. **Psychosomatics** 1985 May;26(5):413–6, 424–6

Thyroid disease, behavior, and psychopharmacology. Wilson W, et al. **Psychosomatics** 1985 Jun;26(6):481–92

[Effect of psychopharmacologic therapy on sexual functioning] Strauss B, et al. **Fortschr Neurol Psychiatr** 1984 Sep;52(9):293–301 (Eng. Abstr.) **(Ger)**

[Unwanted drug effects of psychotropic drugs in neurologic practice] Schmidt LG, et al. **Nervenarzt** 1985 Jan; 56(1):19–24 **(Ger)**

[Motor disturbances induced by antipsychotic drug therapy] Sigal M. **Harefuah** 1984 Jul;107(1–2):20–3 **(Heb)**

[Various rarely encountered adverse effects and complications of psychopharmacotherapy] Niss AI, et al. **Zh Nevropatol Psikhiatr** 1985;85(5):755–60 (Eng. Abstr.) **(Rus)**

ANALYSIS

Increased possibilities for detecting drugs by the Toxi–Lab screening test. Plavšić F, et al. **Ann Clin Biochem** 1985 May;22 (Pt 3):324–6

Mass spectrometry of two new psychotropic drugs containing the 1,4–diazepine–2–thione group. Fernández–Arciniega MA, et al. **Boll Chim Farm** 1984 Jun; 123(6):275–9

[Personal experience with quantitative high performance thin layer chromatography] Kosatík A. **Soud Lek** 1985 Feb; 30(1):1–6 (Eng. Abstr.) **(Cze)**

[Screening of drug addicts] Bergerioux C. **Rev Med Suisse Romande** 1984 Nov;104(11):929–37 **(Fre)**

[Psychotropic drugs. II. Determination of cannabinoids in Cannabis sativa L. and in cannabis products with high pressure liquid chromatography (HPLC)] Brenneisen R. **Pharm Acta Helv** 1984;59(9–10):247–59 (Eng. Abstr.) **(Ger)**

[Gas chromatographic analysis of different classes of psychotropic preparations] Zurabashvili ZA, et al. **Farmakol Toksikol** 1985 Jan–Feb;48(1):35–9 (Eng. Abstr.) **(Rus)**

BLOOD

Therapeutic monitoring of psychotherapeutic drugs: role of the clinical laboratory. Jatlow P. **Clin Biochem** 1985 Jun; 18(3):143–8 (53 ref.)

The pharmacokinetics of some psychoactive drugs and relationships to clinical response. Gottschalk LA. **Methods Find Exp Clin Pharmacol** 1985 May;7(5):275–82 (33 ref.)

A common single binding site for many psychotropic drugs on human alpha 1–acid glycoprotein. Therapeutically relevant observation? Müller WE. **Pharmacopsychiatry** 1985 Jul;18(4):257–8

CHEMICAL SYNTHESIS

New synthesis of 5–nitro– and 5–benzyloxytryptamine and their N–acylderivatives. Misztal S, et al. **Pol J Pharmacol Pharm** 1984 Jul–Aug;36(4):345–9

[Synthesis and neurologic action of new 11–substituted 5H–dibenzo[b,e][1,4]diazepines] Skoldinov AP, et al. **Pharmazie** 1984 Dec;39(12):812–3 (Eng. Abstr.) **(Ger)**

[New psychotropic agents. I. Synthesis and pharmacologic activity of derivatives of 5H–imidazo–[2,1–c][1,4]benzodiazepine] Stefancich G, et al. **Farmaco [Sci]** 1985 Jun;40(6):429–41 (Eng. Abstr.) **(Ita)**

CLASSIFICATION

Classification of drugs by stereotactic recording of focal brain activity in the rat (stereo–EEG). Dimpfel W, et al. **Neuropsychobiology** 1984;12(2–3):188–95

[Psychopharmacological classification of dependence–producing drugs] Nahas G. **Bull Acad Natl Med (Paris)** 1985 Jan;169(1):66–70 (Eng. Abstr.) **(Fre)**

METABOLISM

The pharmacokinetization of psychiatry [editorial] Greenblatt DJ. **J Clin Pharmacol** 1985 May–Jun; 25(4):239–40

Classification of drugs according to receptor binding profiles. Closse A, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Sep;327(2):95–101

Biotransformation of sultopride in man and several animal species. Kobari T, et al. **Xenobiotica** 1985 Jun;15(6):469–76

[Neurotransmitter receptors and psychopharmaceuticals. II] Krulík R, et al. **Cesk Psychiatr** 1984 Oct;80(5):318–28 **(Cze)**

[Role of the neuroglia in the pharmacokinetics of psychotropic agents] Fateev VA, et al. **Farmakol Toksikol** 1985 Jan–Feb;48(1):117–22 (55 ref.) **(Rus)**

PHARMACODYNAMICS

Psychotropic drugs and inflammatory reaction (III): Effects of single and repeated administration of psychotropic drugs on the bentonite oedema of the rat paw. Marek J. **Act Nerv Super (Praha)** 1985 Mar;27(1):21–2

Forskolin–stimulated adenylate cyclase activity in rat cerebral cortex following chronic treatment with psychotropic drugs. Andersen PH, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Oct;55(4):278–82

Electroencephalographic studies of psychopharmaca in Czechoslovakia. An overview. Mrňa B. **Acta Univ Palacki Olomuc Fac Med** 1985;108:289–94

A strategy for the biological assessment of addiction. Kauffman JF, et al. **Adv Alcohol Subst Abuse** 1983–84 Fall–Winter;3(1–2):7–18 (26 ref.)

Mechanisms of drug interactions with alcohol. Mayer JM. **Adv Alcohol Subst Abuse** 1984 Summer;3(4):7–19 (60 ref.)

Psychotropic drugs and the thyroid axis: a review of interactions. Prange AJ Jr. **Adv Biochem Psychopharmacol** 1985;40:103–10 (36 ref.)

Recent advances in khat research. Kalix P. **Alcohol Alcohol** 1984;19(4):319–23 (42 ref.)

Psychopharmacologic and clinical correlates of attention in chronic schizophrenia. Strauss ME, et al. **Am J Psychiatry** 1985 Apr;142(4):497–9

Medication regimen: a subject characteristic rarely reported in behavior modification studies. Poling A, et al. **Appl Res Ment Retard** 1985;6(1):71–7

Psychoactive substances of the South Seas: betel, kava and pituri. Cawte J. **Aust NZ J Psychiatry** 1985 Mar;19(1):83–7

Changes of dopamine metabolism by hypoxia and effect of nootropic drugs. Funk KF, et al. **Biomed Biochim Acta** 1984;43(11):1301–4

Nootropic drugs reduce immobility in behavioural despair test in mice. Schmidt J. **Biomed Biochim Acta** 1984; 43(11):1295–9

Psychotropic drugs and performance. Proceedings of a symposium, Basle, 29–30 November 1983. **Br J Clin Pharmacol** 1984;18 Suppl 1:1S–140S

Performance and its measurement. Broadbent DE. **Br J Clin Pharmacol** 1984;18 Suppl 1:5S–11S

Saccadic eye movement analysis as a measure of drug effects on human psychomotor performance. Griffiths AN, et al. **Br J Clin Pharmacol** 1984;18 Suppl 1:73S–82S

Driving performance under the influence of drugs: rationale for, and application of, a new test. O'Hanlon JF. **Br J Clin Pharmacol** 1984;18 Suppl 1:121S–129S

Investigating drug––ethanol interactions. Starmer GA, et al. **Br J Clin Pharmacol** 1984;18 Suppl 1:27S–35S

Pharmacological modification of blood–brain barrier permeability following a cold lesion. Raymond JJ, et al. **Can J Neurol Sci** 1984 Nov;11(4):447–51

Alcohol and the elderly. Psychotropics and the elderly: interactions to watch for. Richelson E. **Geriatrics** 1984 Dec; 39(12):30–6, 39–42 (18 ref.)

Different effects of psychotropic drugs on delayed hypersensitivity responses in mice. Descotes J, et al. **J Neuroimmunol** 1985 Jul;9(1–2):81–5

Effects of psychotropic drugs on the development of activity–stress ulcer in rats. Hara C, et al. **Jpn J Pharmacol** 1984 Aug;35(4):474–7

Comparisons between discrete lever–press and shuttle avoidance responses in mice: acquisition processes and effects of psychoactive drugs. Kuribara H, et al. **Jpn J Pharmacol** 1985 Jun;38(2):141–51

Anticholinergic potency of psychoactive drugs in human and rat cerebral cortex and striatum. Danielsson E, et al. **Life Sci** 1985 Apr 15;36(15):1451–7

Psychotropic drug use in the elderly [letter] Zavaro SH. **N Engl J Med** 1985 Mar 7;312(10):652

Effects of psychoactive drugs on plasma catecholamines during stress in rats. Vogel WH, et al. **Neuropharmacology** 1984 Sep;23(9):1105–8

Analysis of physiological mechanism in psychopharmacology. Carlton PL. **Neuropsychobiology** 1984;12(2–3):158–72

Pharmacoelectroencephalography: a note on its history. Fink M. **Neuropsychobiology** 1984;12(2–3):173–8

Pharmaco–EEG experiments in animals. Stumpf C. **Neuropsychobiology** 1984;12(2–3):179–82 (41 ref.)

Drugs, biochemistry, and conscious experience: toward a theory of psychopharmacology. Willner P. **Perspect Biol Med** 1984 Autumn;28(1):49–64

Fluprazine hydrochloride decreases copulation in male rats. Flannelly KJ, et al. **Pharmacol Biochem Behav** 1985 Jan; 22(1):1–4

Structure–activity studies on methoxy–substituted phenylisopropylamines using drug discrimination methodology. Glennon RA, et al. **Pharmacol Biochem Behav** 1985 May;22(5):723–9

Effects of psychotropic drugs on discrimination conditioning in olfactory bulbectomized rats. Gomita Y, et al. **Pharmacol Biochem Behav** 1985 May;22(5):717–22

Prolonged analgesia induced by cathinone. The role of stress and opioid and nonopioid mechanisms. Nencini P, et al. **Pharmacology** 1984;29(5):269–81

Stereochemical considerations of the actions of some psychotropic drugs. Smith DF. **Pharmacopsychiatry** 1985 May;18(3):225–30 (53 ref.)

8th congress of the Polish Pharmacological Society. Symposium II: Pharmacological implications for animal models of mental disorders. **Pol J Pharmacol Pharm** 1984 Sep–Oct;36(5):493–569

Lymphoma and behavioral responses to psychomotor drugs. Lang JM, et al. **Proc West Pharmacol Soc** 1984;27:455–60

Behavioural effects of psychoactive drugs on agonistic behaviour of male territorial rats (resident–intruder model). Olivier B, et al. **Prog Clin Biol Res** 1984;167:137–56

Effects of a new psychoactive drug (DU 27716) on different models of rat agonistic behaviour and EEG. Olivier B, et al. **Prog Clin Biol Res** 1984;169:261–79

Anti–aggressive effects of DU 27716 on attack and defensive behaviors in male mice. Racine MA, et al. **Prog Clin Biol Res** 1984;169:281–93

Stereopsychopharmacology: past, present and future. Smith DF. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(3):327–50 (72 ref.)

Drug interactions in psychopharmacology. Blackwell B, et al. **Psychiatr Clin North Am** 1984 Sep;7(3):625–37 (19 ref.)

Pharmacotherapy and mental retardation/developmental disability: a bibliography. (Special emphasis on non–institutionalized populations). Reatig N. **Psychopharmacol Bull** 1985;21(2):329–33

Biophysical alterations in cell membranes associated with psychotherapeutic drug exposure, psychopathology, and aging. Zubenko GS, et al. **Psychopharmacol Bull** 1985; 21(3):631–40

Effects of psychotropic drugs (desimipramine, chlorimipramine, sulpiride and diazepam) on the human HPA axis. Laakmann G, et al. **Psychopharmacology (Berlin)** 1984;84(1):66–70

The effect of drugs on the acquisition of stimulus control in a conditioned suppression procedure. Nielsen EB, et al. **Psychopharmacology (Berlin)** 1985;85(1):80–6

Maternal aggression in rats: effects of chlordiazepoxide and fluprazine. Olivier B, et al. **Psychopharmacology (Berlin)** 1985;86(1–2):68–76

Drug discrimination training with a single choice trial per session. Tomie A, et al. **Psychopharmacology (Berlin)** 1985; 86(1–2):217–22

Effects of psychotropic agents on the physical properties of platelet membranes in vitro. Zubenko GS, et al. **Psychopharmacology (Berlin)** 1985;86(3):369–73

In vitro effects of psychotropic agents on the microviscosity of platelet membranes. Zubenko GS, et al. **Psychopharmacology (Berlin)** 1984;84(2):289–92

Use of psychotropic drugs in patients with peptic ulcer. Haggerty JJ Jr, et al. **Psychosomatics** 1985 Apr; 26(4):277–80, 283–4 (54 ref.)

Essential hypertension: psychiatric aspects and use of psychotropics. Swift RM, et al. **Psychosomatics** 1984 Oct; 25(10):737–42, 745 (64 ref.)

[Effects of some psychotropic drugs on the osmotic stability and membrane expansion of human erythrocyte membrane] Song TS, et al. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar; 6(1):19–24 (Eng. Abstr.) **(Chi)**

[The effect of nootropic substances on fluctuations in vigilance tonus in postinjury pseudoneurasthenia. EEG study] Strnad P, et al. **Cesk Neurol Neurochir** 1985 Jul; 48(4):235–9 (Eng. Abstr.) **(Cze)**

[3 new GABA–ergics: research on their possible site of action] Vamvakidès A. **Agressologie** 1985 Jun;26(7):591–4 (Eng. Abstr.) **(Fre)**

[2 new GABA–ergics (GABA–linoleamide and GABA–steatamide). On 2 experimental models of depression] Vamvakidès A. **Agressologie** 1985 Jun; 26(7):597–9 (Eng. Abstr.) **(Fre)**

[Sleep and psychotropic drugs] Gaillard JM. **J Pharmacol** 1984 Oct–Dec;15(4):389–99 (31 ref.) (Eng. Abstr.) **(Fre)**

[Interactions between hypnotics and psychotropics. Various aspects of experimental pharmacology] Simon P. **J Pharmacol** 1985 Jan–Mar;16(1):1–5 (Eng. Abstr.) **(Fre)**

[The antihistaminic activity of various psychotropic drugs (letter)] Leynadier F, et al. **Presse Med** 1985 Apr 6; 14(14):789–90 **(Fre)**

[Facilitation of evoked transcallosal responses by nootropic agents] Kirsch U, et al. **Biomed Biochim Acta** 1985; 44(4):631–6 (Eng. Abstr.) **(Ger)**

[Changes in the length of sleep cycles during administration of flurazepam and lopirazepam] Fabian A, et al. **EEG EMG** 1984 Sep;15(3):151–8 (Eng. Abstr.) **(Ger)**

[Mode of action of nootropic drugs] Estler CJ. **Med Monatsschr Pharm** 1985 Jun;8(6):172–7 **(Ger)**

[The effect of nootropic drugs on post–convulsive behavior] Hoffmann W, et al. **Pharmazie** 1984 Aug;39(8):579–80 **(Ger)**

[Effect of drugs on human discrimination ability] Meyer FP, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Aug; 36(8):464–71 (Eng. Abstr.) **(Ger)**

[Effects of psychotropic drugs on lateral hypothalamic self–stimulation behavior in rats: correlation between self–stimulation behavior inhibition and striatal dopaminergic blockade by neuroleptic drugs] Fukuda T, et al. **Nippon Yakurigaku Zasshi** 1984 Jun;83(6):485–96 (Eng. Abstr.) **(Jpn)**

[EEG activation methods in psychiatry (with consideration of emotional states)] Mrňa B. **Acta Univ Palacki Olomuc Fac Med** 1985;108:283–8 (Eng. Abstr.) **(Rus)**

[Action of neurotropic substances on gamma–aminobutyric acid release from brain synaptosomes during K+ depolarization] Maĭsov NI, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):451–3 (Eng. Abstr.) **(Rus)**

[Effect of a membrane modulator from the

3-hydroxypyridine class on the pharmacological activity of a number of psychotropic preparations] Smirnov LD, et al. **Biull Eksp Biol Med** 1985 May;99(5):519-22 (Eng. Abstr.) **(Rus)**

[Spectra of pharmacological activity of the endogenous ligands of the benzodiazepine receptors and their structural analogs] Akhundov RA, et al. **Farmakol Toksikol** 1984 Jul-Aug;47(4):25-8 (Eng. Abstr.) **(Rus)**

[Comparative effect of the psychostimulants sidnocarb and fenamin on the tyrosine hydroxylase activity of the brain synaptosomes in rats] Ganiev MM, et al. **Farmakol Toksikol** 1985 Mar-Apr;48(2):27-32 (Eng. Abstr.) **(Rus)**

[Interaction of psychotropic preparations and ethanol] Saratikov AS, et al. **Farmakol Toksikol** 1985 May-Jun; 48(3):123-6 (60 ref.) **(Rus)**

[Mg2+-ATPase activity of brain mitochondria fractions in chronic stress and its correction by psychotropic agents] Kresiun VI. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):637-41 (Eng. Abstr.) **(Rus)**

[3-Hydroxypyridine derivatives--a new class of psychotropic compounds] Diumaev KM, et al. **Vestn Akad Med Nauk SSSR** 1984;(11):3-7 (Eng. Abstr.) **(Rus)**

[Discrete and continuous mathematical models of intraspecific behavior in the pharmacoethology of the mouse] Poshivalov VP, et al. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):487-96 (Eng. Abstr.) **(Rus)**

[Method and device for evaluating the emotionally-positive effects of pharmacologic agents] Zvartau EE, et al. **Zh Vyssh Nerv Deiat** 1984 Jul-Aug;34(4):802-3 **(Rus)**

[The effect of psychopharmacologic agents on potassium efflux induced by an increase in intracellular calcium in human erythrocytes] Varečka L, et al. **Bratisl Lek Listy** 1984 Aug;82(2):919-26 (Eng. Abstr.) **(Slo)**

POISONING

Poisoning due to psychotropic agents. Meredith TJ, et al. **Adverse Drug React Acute Poisoning Rev** 1985 Summer; 4(2):83-126 (366 ref.)

ABC of poisoning. Psychoactive drugs. Henry J, et al. **Br Med J [Clin Res]** 1984 Nov 10;289(6454):1291-4

Management of overdose with psychoactive medications. Goldfrank L, et al. **Emerg Med Clin North Am** 1984 Feb; 2(1):63-76

[Psychopharmaceuticals and pharmaceuticals as suicide agents] Drdková S, et al. **Cas Lek Cesk** 1985 Jan 18; 124(3):78-9 (Eng. Abstr.) **(Cze)**

[Brain stem AEP in toxic comas. Correlation with brain stem reflexes] Garrel S, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Nov; 14(2):125-31 (Eng. Abstr.) **(Fre)**

STANDARDS

Clinical efficacy of drugs predicted from drug effects after short-term administration in animals, normal subjects and patients [editorial] Janke W. **Neuropsychobiology** 1985; 13(1-2):53-4

Computer-assisted EEG topography as a tool in the evaluation of actions of psychoactive drugs in patients. Pockberger H, et al. **Neuropsychobiology** 1984; 12(2-3):183-7

Drug safety in psychiatry--an objective for drug monitoring in phase IV. Schmidt LG, et al. **Pharmacopsychiatry** 1984 Sep;17(5):152-6

THERAPEUTIC USE

26th annual psychopharmacological meeting. Jeseník Spa, January 1984. Proceedings, 2nd part. Abstracts. **Act Nerv Super (Praha)** 1985 Mar;27(1):26-72

26th annual psychopharmacological meeting, Jeseník Spa, Czechoslovakia, January 3-7, 1984. Proceedings, 1st part. Abstracts. **Act Nerv Super (Praha)** 1984 Dec;26(4):1-280

Negative syndrome in schizophrenia: strategies for long-term management. Andreasen NC. **Adv Biochem Psychopharmacol** 1985;40:1-7

Psychoactive drugs and the frail elderly patient. Kvale JN. **Am Fam Physician** 1984 Oct;30(4):133-40

Emergency psychopharmacology. O'Shanick GJ. **Am J Emerg Med** 1984 Mar;2(2):164-70

Medication and programming in controlling the behavior of mentally retarded individuals in community settings. Schalock RL, et al. **Am J Ment Defic** 1985 Mar;89(5):503-9

Treatment of an aggressive, compulsive adolescent with sultopride [letter] Bucci L. **Am J Psychiatry** 1985 Jul; 142(7):882-3

Geriatric psychopharmacology. Salzman C. **Annu Rev Med** 1985;36:217-28

Psychotropic and anticonvulsant drug use by mentally retarded adults across community residential and vocational placements. Martin JE, et al. **Appl Res Ment Retard** 1985;6(1):33-49

Diagnosis and drug use in mentally retarded, emotionally disturbed adults. Matson JL, et al. **Appl Res Ment Retard** 1984;5(4):513-9

Neuropharmacologic management of behavior sequelae in head injury: a case report. Haas JF, et al. **Arch Phys Med Rehabil** 1985 Jul;66(7):472-4

Perceived controllability of life-events and willingness to prescribe psychotropic drugs. Brewin CR. **Br J Soc Psychol** 1984 Sep;23 (Pt 3):285-7

Diet and drug interactions in the treatment of mental illness--a review. Awad AG. **Can J Psychiatry** 1984 Nov; 29(7):609-13

Evaluating attitudes of child psychiatry residents to psychotropic medication: implications for training. Schachar RJ. **Can J Psychiatry** 1985 Aug;30(5):348-52

Pharmacotherapy of the chronic patient: gender and diagnostic factors. Dworkin RJ, et al. **Community Ment Health J** 1984 Winter;20(4):253-61

Posttraumatic stress disorder: characteristics and pharmacological response in the veteran population. Birklimer LJ, et al. **Compr Psychiatry** 1985 May-Jun; 26(3):304-10

Polypharmacy in psychiatric practice. Schüssler G, et al. **Compr Psychiatry** 1984 Nov-Dec;25(6):566-74

Pharmacologic treatment of manic and depressive illness. Ostow M. **Compr Ther** 1985 Jul;11(7):24-30

Prescribing patterns in an outpatient psychiatric clinic. Schulz P, et al. **Eur Arch Psychiatry Neurol Sci** 1984; 234(4):220-3

Psychotropic drug prescribing in an Australian general practice. Bridges-Webb C, et al. **Fam Pract** 1984 Jun; 1(2):106-12

Emergency treatment of acute psychosis, agitation, and anxiety. Ellison JM. **Hosp Community Psychiatry** 1985 Apr; 36(4):351-2

Treatment refusal [letter] Wehler R. **Hosp Community Psychiatry** 1984 Dec;35(12):1236

An empirical view of patients exercising their right to refuse treatment. Bloom JD, et al. **Int J Law Psychiatry** 1984; 7(3-4):315-28

Height increase in children with Down syndrome following treatment with psycho-pharmacotherapeutic agents. Cocchi R. **Int J Psychosom** 1985;32(2):12-6

Combination psychopharmacological and behavioral therapy in Huntington's chorea: a case study. Freinhar JP, et al. **Int J Psychosom** 1985;32(2):17-9

The metyrapone test in affective disorders and schizophrenia II. Changes upon treatment. Perini GI, et al. **J Affective Disord** 1984 Dec;7(3-4):265-72

Pharmacological treatment of self-injurious behavior in mentally retarded persons. Singh NN, et al. **J Autism Dev Disord** 1985 Sep;15(3):257-67 (48 ref.)

Psychopharmacological agents in the treatment of pain. Atkinson JH Jr, et al. **J Bone Joint Surg [Am]** 1985 Feb; 67(2):337-42

Clinical notes in therapeutics: psychotropic drugs for the management of chronic pain. Rye LA, et al. **J Oral Med** 1985 Jul-Sep;40(3):160-1

Do Asians need less medication? Tien JL. **J Psychosoc Nurs Ment Health Serv** 1984 Dec;22(12):19-22

Psychotropic drug use in older people: a review. Greene JA. **J Tenn Med Assoc** 1985 Jul;78(7):431-5

Brief effective treatment strategies: pharmacological therapy for opiate addicts. Kleber HD. **Natl Inst Drug Abuse Res Monogr Ser** 1985;58:83-99

Evaluation of use patterns of psychotropic drugs in an Italian geriatric hospital. Magni G, et al. **Neuropsychobiology** 1985; 13(1-2):38-43

Single case experiments in psychopharmacological trials. Wolfrum C, et al. **Neuropsychobiology** 1984;12(2-3):152-7

City-wide survey of drug patterns among non-institutionalised retarded persons [letter] Aman M. **NZ Med J** 1985 Jun 26;98(781):509

Pharmacotherapy of anorexia nervosa and bulimia. Herzog DB. **Pediatr Ann** 1984 Dec;13(12):915, 918-9, 923 (30 ref.)

Chronic pain of childhood: a pharmacologic approach. Lacouture PG, et al. **Pediatr Clin North Am** 1984 Oct; 31(5):1133-51 (33 ref.)

The private practice study group as phase-IV research tool. Helmchen H, et al. **Pharmacopsychiatry** 1984 Sep; 17(5):157-61

Therapist compliance or phase IV necessities [editorial] Linden M. **Pharmacopsychiatry** 1984 Sep;17(5):139

Psychotropic drugs in the elderly. Selection of the appropriate agent. Barclay AM. **Postgrad Med** 1985 Jun; 77(8):153-7, 160-2

Psychotropic drugs. Hanks GW. **Postgrad Med J** 1984 Dec; 60(710):881-5

Symposium on clinical psychopharmacology II. **Psychiatr Clin North Am** 1984 Dec;7(4):655-907

Psychopharmacology in the intensive care unit. Boyer W, et al. **Psychiatr Clin North Am** 1984 Dec;7(4):901-7 (21 ref.)

Psychopharmacologic approach to the medically ill patient. Hershey SC, et al. **Psychiatr Clin North Am** 1984 Dec; 7(4):803-16 (38 ref.)

Legal aspects of psychopharmacology. Howe EG. **Psychiatr Clin North Am** 1984 Dec;7(4):887-900 (59 ref.)

Psychopharmacology in childhood disorders. Wiener JM. **Psychiatr Clin North Am** 1984 Dec;7(4):831-43 (30 ref.)

Pills as transitional objects: a dynamic understanding of the use of medication in psychotherapy. Adelman SA. **Psychiatry** 1985 Aug;48(3):246-53

Annual NCDEU meeting (1984). Abridged proceedings. New Clinical Drug Evaluation Unit, NIH. May 20-23, 1984, Key Biscayne, Florida. **Psychopharmacol Bull** 1985; 21(1):1-152

A biopsychosocial perspective to psychotropic drug use in psychophysiologic conditions. Blackwell B. **Psychopharmacol Bull** 1984 Fall;20(4):629-38

Psychopharmacology in the mentally retarded and a few related issues. Gualtieri CT, et al. **Psychopharmacol Bull** 1985;21(2):304-9 (28 ref.)

Psychopharmacological treatment of social phobia. Liebowitz MR, et al. **Psychopharmacol Bull** 1985; 21(3):610-4

Psychopharmacologic treatment and informed consent: empirical research. Stanley B, et al. **Psychopharmacol Bull** 1985;21(1):110-3

Psychopharmacologic treatment of panic disorder. Klein DF. **Psychosomatics** 1984 Oct;25(10 Suppl):32-6

Epilepsy: psychiatric aspects and use of psychotropics. Mendez MF, et al. **Psychosomatics** 1984 Dec;25(12):883-94

Use of psychotropic drugs in Finland. Riska E, et al. **Soc Sci Med** 1984;19(9):983-9

[Retrospective analysis of cardiotonics, anticoagulants, psychopharmaceuticals and narcotic analgesics in acute myocardial infarct] Lövy O, et al. **Cesk Zdrav** 1985 Feb; 33(2):61-6 (Eng. Abstr.) **(Cze)**

[Sultopride therapy of behavior disorders in a child with severe mental retardation] Samouelian J. **Ann Pediatr (Paris)** 1985 Mar 25;32(3 Pt 2):321-2 (Eng. Abstr.) **(Fre)**

[Psychopharmacologic therapy in children] Balant-Gorgia AE, et al. **Neuropsychiatr Enfance Adolesc** 1984 Sep; 32(9):415-31 (Eng. Abstr.) **(Fre)**

[Use of sultopride in child and adolescent psychiatry] Dugas M, et al. **Neuropsychiatr Enfance Adolesc** 1984 Oct-Nov; 32(10-11):557-62 **(Fre)**

[Prescription of psychotropic drugs in child psychiatry] Massari B. **Neuropsychiatr Enfance Adolesc** 1984 Sep; 32(9):433-41 (Eng. Abstr.) **(Fre)**

[Attitudes and beliefs of medical and psychology students with regard to treatment with psycholtropic drugs] Linden M, et al. **Fortschr Neurol Psychiatr** 1984 Oct;52(10):362-9 (Eng. Abstr.) **(Ger)**

[Prescribing psychoactive drugs for children] Bläker F, et al. **Monatsschr Kinderheilkd** 1985 May;133(5):307-9 **(Ger)**

[Drug monitoring in psychiatry] Helmchen H, et al. **Nervenarzt** 1985 Jan;56(1):12-8 **(Ger)**

[Influence of treatment course on the success of psychopharmacotherapy] Gaebel W. **Psychiatr Prax** 1985 Jan;12(1):13-8 (Eng. Abstr.) **(Ger)**

[Influence of psychologic-social factors on the success of psychopharmacotherapy--effect of treatment milieu] Kanowski S. **Psychiatr Prax** 1985 Jan;12(1):1-4 (Eng. Abstr.) **(Ger)**

[Influence of social factors on the success of psychopharmacotherapy] Pietzcker A. **Psychiatr Prax** 1985 Jan;12(1):19-22 (Eng. Abstr.) **(Ger)**

[Influence of personality factors on the success of psychopharmacotherapy] Rüger U. **Psychiatr Prax** 1985 Jan;12(1):5-7 (Eng. Abstr.) **(Ger)**

[Sedatives and psychoactive drugs--medication in chronic pain states] Kocher R. **Schweiz Monatsschr Zahnmed** 1984 Oct;94 Spec No:961-70 (Eng. Abstr.) **(Ger)**

[The beta-blocker as a psychotropic agent?] Gastpar M. **Schweiz Rundsch Med Prax** 1984 Sep 11;73(37):1101-2 **(Ger)**

[Effect of nootropic drugs on normal and disturbed sleep of the elderly: controlled studies with pyridoxilate and street noise] Saletu B, et al. **Wien Klin Wochenschr** 1984 Nov 23;96(22):817-22 (Eng. Abstr.) **(Ger)**

[Long-term administration of antidepressive agents: maintenance therapy and phase prevention] Schönbeck G, et al. **Wien Klin Wochenschr** 1985 Feb 15;97(4):201-8 (Eng. Abstr.) **(Ger)**

[Various aspects of psychopharmacotherapy in advanced age] Böhm M. **ZFA** 1984 Nov-Dec;39(6):333-6 (Eng. Abstr.) **(Ger)**

[The need for psychopharmacologic therapy of drug addicts with acute hepatitis] Rizzo F. **Clin Ter** 1984 Oct 15; 111(1):69-73 (Eng. Abstr.) **(Ita)**

[Psychosomatic disorders considered from an internist viewpoint. II. Problems of drug therapy] Morini A, et al. **Minerva Med** 1984 Aug 25;75(32-33):1885-92 (Eng. Abstr.) **(Ita)**

[Effectiveness of non-steroidal anti-inflammatory and psychotropic drugs in patients with rheumatoid arthritis] Korshunov NI, et al. **Ter Arkh** 1984;56(11):77-81 (Eng. Abstr.) **(Rus)**

[Arguable positions in the article by A. B. Smulevich and G. P. Panteleeva, 'Various pressing problems in clinical psychopharmacology' (letter)] Kantariia VA, et al. **Zh Nevropatol Psikhiatr** 1985;85(1):141-2 **(Rus)**

[Has psychopharmacotherapy had any effect on the chronicity of mental patients? (apropos of the article by A.B. Smulevich and G.P. Panteleev) (letter)] Krasik ED, et al. **Zh Nevropatol Psikhiatr** 1985;85(7):1077-9 **(Rus)**

[Use of psychotropic drugs in general somatic practice] Smulevich AB, et al. **Zh Nevropatol Psikhiatr** 1985; 85(4):594-9 (Eng. Abstr.) **(Rus)**

TOXICITY

[Biochemical mechanisms of the hepatotoxicity of psychotropic drugs] Dostert P, et al. **Encephale** 1984; 10(5):199-209 (89 ref.) (Eng. Abstr.) **(Fre)**

PSYLLIUM

ADMINISTRATION & DOSAGE

Beneficial effect of vegetable protein diet supplemented with psyllium plantago in patients with hepatic encephalopathy and diabetes mellitus. Uribe M, et al. **Gastroenterology** 1985 Apr;88(4):901-7

ADVERSE EFFECTS

Workplace allergenicity of a psyllium-containing bulk laxative. Gauss WF, et al. **Allergy** 1985 Jan;40(1):73-6

Psyllium hypersensitivity, nurses, and geriatric units [letter] Schoenwetter WF, et al. **Ann Intern Med** 1985 Oct;103(4):642

Acute esophageal obstruction by a psyllium-based bulk laxative [letter] Noble JA, et al. **Chest** 1984 Nov;86(5):800

ANALYSIS

Psyllium--a gum, not a protein [letter] Alarie JP, et al. **Chest** 1985 Aug;88(2):313

PTA DEFICIENCY see **FACTOR XI DEFICIENCY**

PTC see **FACTOR IX**

PTERIDINES

Studies by electron-paramagnetic-resonance spectroscopy of the environment of the metal in the molybdenum cofactor of molybdenum-containing enzymes. Hawkes TR, et al. **Biochem J** 1984 Sep 15;222(3):587-600

Chemistry and biology of the molybdenum cofactor. Rajagopalan KV. **Biochem Soc Trans** 1985 Apr;13(2):401-3

Determination of rotational correlation times from deconvoluted fluorescence anisotropy decay curves. Demonstration with 6,7-dimethyl-8-ribityllumazine and lumazine protein from Photobacterium leiognathi as fluorescent indicators. Visser AJ, et al. **Biochemistry** 1985 Mar 12;24(6):1489-96

Tetrahydrobiopterin analogues: solution conformations of 6-methyltetrahydropterin, 7-methyltetrahydropterin, and cis- and trans-6,7-dimethyltetrahydropterins as determined by proton nuclear magnetic resonance. Williams TC, et al. **Biochemistry** 1985 Jan 15;24(2):458-66

ANALYSIS

Biopterin and neopterin in various milks and infant formulas. Matsubara Y, et al. **Am J Clin Nutr** 1985 Jan;41(1):110-2

Radioimmunoassay for neopterin in body fluids and tissues. Nagatsu T, et al. **Anal Biochem** 1984 Sep;141(2):472-80

Determination of quinonoid dihydrobiopterin by liquid chromatography and electrochemical detection. Lunte CE, et al. **J Chromatogr** 1984 Dec 28;317:407-12

Relationships between drug-induced changes in tetrahydrobiopterin and biogenic amine concentrations in rat brain. Lee EH, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):141-6

BIOSYNTHESIS

Biosynthesis and metabolism of tetrahydrobiopterin and molybdopterin. Nichol CA, et al. **Annu Rev Biochem** 1985;54:729-64 (344 ref.)

Formation of beta,gamma-methylene-7,8-dihydroneopterin 3'-triphosphate from beta,gamma-methyleneguanosine 5'-triphosphate by GTP cyclohydrolase I of Escherichia coli. Ferre J, et al. **Arch Biochem Biophys** 1984 Sep;233(2):475-80

Purification and properties of the phosphate eliminating enzyme involved in the biosynthesis of BH4 in man. Heintel D, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):213-9

Biosynthesis of tetrahydrobiopterin: conversion of dihydroneopterin triphosphate to tetrahydropterin intermediates. Milstien S, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1099-107

Dyspropterin, an intermediate formed from dihydroneopterin triphosphate in the biosynthetic pathway of tetrahydrobiopterin. Masada M, et al. **Biochim Biophys Acta** 1985 Jun 18;840(2):235-44

Tetrahydrobiopterin biosynthesis. Studies with specifically labeled (2H)NAD(P)H and 2H2O and of the enzymes involved. Curtius HC, et al. **Eur J Biochem** 1985 May 2;148(3):413-9

Biosynthesis of neopterin, sepiapterin, and biopterin in rat and human ocular tissues. Rao GN, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):768-70

Malignant phenylketonuria due to defective synthesis of dihydrobiopterin. Cohen BE, et al. **Isr J Med Sci** 1985 Jun;21(6):520-5

The C-6 proton of tetrahydrobiopterin is acquired from water, not NADPH, during de novo biosynthesis. Smith GK, et al. **J Biol Chem** 1985 May 10;260(9):5221-4

Purification and properties of the enzymes from Drosophila melanogaster that catalyze the conversion of dihydroneopterin triphosphate to the pyrimidodiazepine precursor of the drosopterins. Wiederrecht GJ, et al. **J Biol Chem** 1984 Nov 25;259(22):14121-7

Transient defect in the synthesis of biopterin [letter] Clemens P, et al. **J Pediatr** 1985 Aug;107(2):312-3

Biopterin synthesis defects: problems in diagnosis. Hoganson G, et al. **Pediatrics** 1984 Dec;74(6):1004-11

BLOOD

Raised serum neopterin levels and imbalances of T-lymphocyte subsets in viral diseases, acquired immune deficiency and related lymphadenopathy syndromes. Kern P, et al. **Biomed Pharmacother** 1984;38(8):407-11

Significantly lower mean plasma total biopterin in 18 patients with senile dementia of Alzheimer type [letter] Smith I. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):1057

DEFICIENCY

Anatomo-pathological findings in a case of combined deficiency of sulphite oxidase and xanthine oxidase with a defect of molybdenum cofactor. Roth A, et al. **Virchows Arch** [A] 1985;405(3):379-86

DIAGNOSTIC USE

Dihydropteridine reductase deficiency: non-response to oral tetrahydrobiopterin load test. Lipson A, et al. **J Inherited Metab Dis** 1984;7(2):69-71

METABOLISM

A sensitive high-performance liquid chromatographic-fluorometric assay for dihydrofolate reductase in adult rat brain, using 7,8-dihydrobiopterin as substrate. Reinhard JF Jr, et al. **Anal Biochem** 1984 Aug 1;140(2):548-52

In vitro reconstitution of nitrate reductase activity of the Neurospora crassa mutant nit-1: specific incorporation of molybdopterin. Kramer S, et al. **Arch Biochem Biophys** 1984 Sep;233(2):821-9

Comparative activity of rat liver dihydrofolate reductase with 7,8-dihydrofolate and other 7,8-dihydropteridines. Webber S, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):681-90

Biosynthesis of riboflavin. An aliphatic intermediate in the formation of 6,7-dimethyl-8-ribityllumazine from pentose phosphate. Neuberger G, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):175-81

Phenylalanine hydroxylase: absolute configuration and source of oxygen of the 4a-hydroxytetrahydropterin species. Dix TA, et al. **Biochemistry** 1985 Jun 4;24(12):2955-8

Dyspropterin, an intermediate formed from dihydroneopterin triphosphate in the biosynthetic pathway of tetrahydrobiopterin. Masada M, et al. **Biochim Biophys Acta** 1985 Jun 18;840(2):235-44

New assay for the O-alkyl cleavage enzyme with alkyl-lysophospholipids as substrates. Unger C, et al. **Cancer Res** 1985 Feb;45(2):616-8

The enzymatic activities of GTP cyclohydrolase, sepiapterin reductase, dihydropteridine reductase and dihydrofolate reductase; and tetrahydrobiopterin content in mammalian ocular tissues and in human senile cataracts. Rao GN, et al. **Comp Biochem Physiol [B]** 1985;80(1):61-6

Neurotoxic action of lead: effect on tetrahydrobiopterin metabolism in the rat. McIntosh MJ, et al. **Comp Biochem Physiol** [C] 1985;81(1):227-31

7-Methylpterin and 7-methyllumizine: oxidative degradation products of 7-methyl-substituted pteridines in methanogenic bacteria. White RH. **J Bacteriol** 1985 May;162(2):516-20

The enzymatic conversion of dihydroneopterin triphosphate to tripolyphosphate and 6-pyruvoyl-tetrahydropterin, an intermediate in the biosynthesis of other pterins in Drosophila melanogaster. Switchenko AC, et al. **J Biol Chem** 1985 Mar 10;260(5):2945-51

Purification and properties of the enzymes from Drosophila melanogaster that catalyze the conversion of dihydroneopterin triphosphate to the pyrimidodiazepine precursor of the drosopterins. Wiederrecht GJ, et al. **J Biol Chem** 1984 Nov 25;259(22):14121-7

Birthweight in patients with defective biopterin metabolism [letter] Smith I, et al. **Lancet** 1985 Apr 6;1(8432):818

Biopterin cofactor biosynthesis: GTP cyclohydrolase, neopterin and biopterin in tissues and body fluids of mammalian species. Duch DS, et al. **Life Sci** 1984 Oct 29;35(18):1895-901

PHARMACODYNAMICS

6R-L-erythro-5,6,7,8-tetrahydrobiopterin as a regulator of dopamine and serotonin biosynthesis in the rat brain. Miwa S, et al. **Arch Biochem Biophys** 1985 May 15;239(1):234-41

The effect of reduced neopterin on the synthesis of several methylated indoles in the pineal gland of adult male golden hamsters, kept under standardized conditions. van Benthem J, et al. **J Neural Transm** 1985;62(1-2):137-54

Transferable resistance to the vibriostatic agent 2,4-diamino-6,7-diisopropyl-pteridine (O/129) in Vibrio cholerae. Matsushita S, et al. **Microbiol Immunol** 1984;28(10):1159-62

Modulation of interleukin 2 activity by lymphocyte-derived tetrahydrobiopterin. Ziegler I, et al. **Naturwissenschaften** 1985 Jun;72(6):330-1

THERAPEUTIC USE

Re-evaluation of antidepressant effect of tetrahydrobiopterin [letter] Fleischhacker WW, et al. **Lancet** 1985 Aug 17;2(8451):387

Unsuccessful treatment of depression with tetrahydrobiopterin [letter] Woggon B, et al. **Lancet** 1984 Dec 22;2(8417-18):1463

URINE

Significance of urinary neopterin in patients with malignant tumors of the genitourinary tract. Aulitzky W, et al. **Cancer** 1985 Mar 1;55(5):1052-5

Measurement of urinary 7,8-dihydro-6-hydroxylumazine in healthy and in Ehrlich ascites tumour-bearing mice. Lutz H, et al. **Hoppe Seylers Z Physiol Chem** 1984 Aug;365(8):895-900

Neopterin levels in long-term renal allograft recipients. König P, et al. **Immunobiology** 1985 Mar;169(2):208-12

Urinary neopterin and biopterin levels in patients with AIDS and AIDS-related complex [letter] Abita JP, et al. **Lancet** 1985 Jul 6;2(8445):51-2

Urinary neopterin, a useful marker for AIDS? [letter] Perna M, et al. **Lancet** 1985 May 4;1(8436):1048

Neopterin as an index of immune response in patients with tuberculosis. Fuchs D, et al. **Lung** 1984;162(6):337-46

Urinary neopterin is elevated in patients with malaria. Reibnegger G, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):545-6

Neopterin as a new biochemical marker in the clinical monitoring of bone marrow transplant recipients. Niederwieser D, et al. **Transplantation** 1984 Nov;38(5):497-500

Urinary neopterin in the diagnosis and follow-up of neoplasia: a biochemical parameter to detect cell-mediated immune response. Fuchs D, et al. **Tumour Biol** 1984;5(3-4):199-209

The value of urinary neopterin as an immunological parameter in patients with malignant tumors of the genitourinary tract. Frick J, et al. **Urol Int** 1985;40(3):155-9

[1st case of AIDS in Salzburg. Important diagnostic hint by determination of neopterin] Wessely K, et al. **Wien Klin Wochenschr** 1985 Jan 18;97(2):88-90 (Eng. Abstr.) **(Ger)**

PTERINS

Reduced 6,6,8-trimethylpterins. Preparation, properties and enzymic reactivities with dihydropteridine reductase, phenylalanine hydroxylase and tyrosine hydroxylase. Randles D, et al. **Eur J Biochem** 1985 Jan 15;146(2):467-74

BIOSYNTHESIS

Dyspropterin, an intermediate formed from dihydroneopterin triphosphate in the biosynthetic pathway of tetrahydrobiopterin. Masada M, et al. **Biochim Biophys Acta** 1985 Jun 18;840(2):235-44

METABOLISM

Spectroscopic investigation of ligand interaction with hepatic phenylalanine hydroxylase: evidence for a conformational change associated with activation. Phillips RS, et al. **Biochemistry** 1984 Aug 14;23(17):3836-42

Enzymatic activity of quinonoid dihydropterin reductase and tetrahydropterin content in human ocular tissues and senile cataracts. Rao GN, et al. **Exp Eye Res** 1985 Apr;40(4):601-7

Pterins and the regulation of lymphocyte activation on the mode of xanthopterin action. Ziegler I. **Hoppe Seylers Z Physiol Chem** 1984 Jun;365(6):667-73

Tetrahydromethanopterin-dependent methanogenesis from non-physiological C1 donors in Methanobacterium thermoautotrophicum. Escalante-Semerena JC, et al. **J Bacteriol** 1985 Feb;161(2):696-701

Affinity labeling of dihydrofolate reductase with an antifolate glyoxal. Johanson RA, et al. **J Biol Chem** 1985 Feb 10;260(3):1465-74

The enzymatic conversion of dihydroneopterin triphosphate to tripolyphosphate and 6-pyruvoyl-tetrahydropterin, an intermediate in the biosynthesis of other pterins in Drosophila melanogaster. Switchenko AC, et al. **J Biol Chem** 1985 Mar 10;260(5):2945-51

PTEROYL POLYGLUTAMATE HYDROLASE see under **CARBOXYPEPTIDASES**

PTEROYLGLUTAMIC ACID see **FOLIC ACID**

PTEROYLPOLYGLUTAMIC ACIDS see under **FOLIC ACID**

PTERYGIUM

COMPLICATIONS

Pterygia as cause of post-cataract with-the-rule astigmatism. Holladay JT, et al. **J Am Intraocul Implant Soc** 1985 Mar;11(2):176-9

DIAGNOSIS

The lethal multiple pterygium syndromes: is prenatal detection possible? [letter] Hogge WA, et al. **Am J Med Genet** 1985 Mar;20(3):441-2

DRUG THERAPY

[New uses of urea in ophthalmology] Golińska A, et al. **Klin Oczna** 1984 May;86(5):217-9 (Eng. Abstr.) **(Pol)**

ETIOLOGY

Immunologic basis for the pathogenesis of pterygium [letter] Solomon AS. **Am J Ophthalmol** 1985 Feb 15;99(2):216-7

FAMILIAL & GENETIC

A case of facio-genito-popliteal syndrome. Hamamoto J, et al. **Ann Plast Surg** 1984 Sep;13(3):224-9

Heredity in one hundred patients admitted for excision of pterygia. Booth F. **Aust N Z J Ophthalmol** 1985 Feb; 13(1):59-61

Bartsocas-Papas syndrome. A case report. Cheirif S, et al. **NY State Dent J** 1985 Feb;51(2):101-2

[Connatal ptosis: a symptom of the syndrome of multiple pterygium and arthrogryposes] Böckel J, et al. **Klin Monatsbl Augenheilkd** 1984 Aug;185(2):123-5 (Eng. Abstr.) **(Ger)**

[Dysplasia of the corneal limbus, the mesodermal iris layer and the jaw skeleton in a family] Piper HF, et al. **Klin Monatsbl Augenheilkd** 1985 Apr;186(4):287-93 (Eng. Abstr.) **(Ger)**

OCCURRENCE

[High incidence of pterygium in welders] Karai I, et al. **Nippon Ganka Gakkai Zasshi** 1984 May;88(5):815-8 (Eng. Abstr.) **(Jpn)**

SURGERY

Pterygium: clinical classification and management in Virgin Islands. Anduze AL, et al. **Ann Ophthalmol** 1985 Jan; 17(1):92-5

Rotational grafting of pterygium. Sharma AK, et al. **Indian J Ophthalmol** 1984 May-Jun;32(3):149-51

[Pterygium resection and covering with the fresh lining membrane of egg-shell] Zhang LH. **Chung Hua Yen Ko Tsa Chih** 1984 Nov;20(6):360-1 **(Chi)**

[Simultaneous lamellar and extracorneal keratoplasty in recurrent pterygium] Beran V. **Cesk Oftalmol** 1984 Nov; 40(6):368-74 (Eng. Abstr.) **(Cze)**

[Personal operative method in pterygium corneae] Curković E. **Fortschr Ophthalmol** 1984;81(3):243-6 (Eng. Abstr.) **(Ger)**

THERAPY

[Thio-tepa eyedrops against recurrent pterygium and neovascularization of the cornea] Gourcuff A, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):583-7 (Eng. Abstr.) **(Fre)**

PTERYGOID MUSCLES see under **MASTICATORY MUSCLES**

PTILOCERCUS see **TUPAIIDAE**

PTOSIS, EYELID see **BLEPHAROPTOSIS**

PUBERTY

Serum sex hormone-binding globulin during puberty in girls and in different types of adolescent menstrual cycles. Apter D, et al. **Acta Endocrinol (Copenh)** 1984 Nov;107(3):413-9

Somatomedin A in male puberty. Variation with age, maturity, growth and androgens. Krabbe S, et al. **Acta Endocrinol (Copenh)** 1984 Nov;107(3):312-6

Plasma sex hormone binding globulin concentration and binding capacity in children before and during puberty. Lee IR, et al. **Acta Endocrinol (Copenh)** 1985 Jun; 109(2):276-80

Effects of acute stimulation with luteinizing hormone-releasing hormone (LRH) on biologically active and immunoreactive serum luteinizing hormone (LH) in pubertal boys. Montanini V, et al. **Acta Endocrinol (Copenh)** 1984 Nov;107(3):289-94

Timing of pubertal growth and maturation in the first Zurich longitudinal growth study. Prader A, et al. **Acta Paediatr Hung** 1984;25(1-2):155-9

Longitudinal study of calcium metabolism in male puberty. I. Bone mineral content, and serum levels of alkaline phosphatase, phosphate and calcium. Krabbe S, et al. **Acta Paediatr Scand** 1984 Nov;73(6):745-9

Longitudinal study of calcium metabolism in male puberty. II. Relationship between mineralization and serum testosterone. Krabbe S, et al. **Acta Paediatr Scand** 1984 Nov;73(6):750-5

A case of psychosis in sequence with hormonal suppression of growth. Taipale V, et al. **Acta Paedopsychiatr (Basel)** 1984 Oct;50(4):175-7

Somatic deviations in adolescence: reactions and adjustments. Ogundari JT. **Adolescence** 1985 Spring;20(77):179-83

Growth and pubertal development in patients with congenital adrenal hyperplasia due to 11-beta-hydroxylase deficiency. Hochberg Z, et al. **Am J Dis Child** 1985 Aug;139(8):771-6

Pubertal spurts in cranial base and mandible. Comparisons within individuals. Lewis AB, et al. **Angle Orthod** 1985 Jan;55(1):17-30

Improvement of spermatogenesis by hCG and hMG treatment in pubertal boys with history of orchiopexy at early childhood. Okuyama A, et al. **Arch Androl** 1984;12 Suppl:29-33

Childhood asthma and puberty. Balfour-Lynn L. **Arch Dis Child** 1985 Mar;60(3):231-5

Pelvic ultrasonography in premenarcheal girls: relation to puberty and sex hormone concentrations. Salardi S, et al. **Arch Dis Child** 1985 Feb;60(2):120-5

Pubertal growth in diabetics. Stewart-Brown SL, et al. **Arch Dis Child** 1985 Aug;60(8):768-9

Varicocele and puberty--the critical factor? Wyllie GG. **Br J Urol** 1985 Apr;57(2):194-6

Changes in the FEV1-height relationship during pubertal growth. Schrader PC, et al. **Bull Eur Physiopathol Respir** 1984 Jul-Aug;20(4):381-8

Bone turnover in male puberty: a longitudinal study. Riis BJ, et al. **Calcif Tissue Int** 1985 May;37(3):213-7

Measurement and characterization of swine uterine estradiol receptors: the effects of puberty induction on estradiol receptors and corpus luteum function. Tolton AD, et al. **Can J Physiol Pharmacol** 1985 Mar;63(3):214-9

Growth of cavernous hemangioma with puberty. Baker ER, et al. **Clin Pediatr (Phila)** 1985 Oct;24(10):596-8

Basic issues in adolescent medicine. Long TJ, et al. **Curr Probl Pediatr** 1984 Oct;14(10):1-50

Relationship between local and total bone mineral in normal pubertal boys. Krabbe S, et al. **Eur J Pediatr** 1984 Dec; 143(2):149-51

Evidence that desensitization to the negative estrogen feedback is a prepubertal and not a postpubertal event in female rats. Döcke F, et al. **Exp Clin Endocrinol** 1984 Jul; 84(1):1-6

Evidence that inhibition of medial preoptic dopaminergic activity may be involved in the prepubertal desensitization to the negative oestrogen feedback in female rats. Gerber P, et al. **Exp Clin Endocrinol** 1984 Jul;84(1):7-12

A simple test for the hormonal assessment of early puberty in boys. Large DM, et al. **Horm Metab Res** 1984 Jul; 16(7):363-5

Pre-pubertal gynaecomastia as the presenting feature of late-onset 21-hydroxylase deficiency. Auchterlonie IA, et al. **Horm Res** 1985;22(1-2):94-9

Muscular working capacity in boys aged 13-14 years. Korol' VM, et al. **Hum Physiol** 1983 Nov-Dec;9(6):391-5

Sequential changes at puberty in boys. Pamecha RK. **Indian J Pediatr** 1984 Sep-Oct;51(412):533-6

The changing ratio of bioactive to immunoreactive luteinizing hormone (LH) through puberty principally reflects changing LH radioimmunoassay dose-response characteristics. Burstein S, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):508-13

Puberty in the chimpanzee: somatomedin-C and its relationship to somatic growth and steroid hormone concentrations. Copeland KC, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1154-60

Somatomedin-C in normal puberty and in true precocious puberty before and after treatment with a potent luteinizing hormone-releasing hormone agonist. Harris DA, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):152-9

Late-onset adrenal steroid 3 beta-hydroxysteroid dehydrogenase deficiency. I. A cause of hirsutism in pubertal and postpubertal women. Pang SY, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):428-39

Episodic secretion of melatonin in pre- and postpubertal girls and boys. Penny R. **J Clin Endocrinol Metab** 1985 Apr; 60(4):751-6

LH bioactivity in male puberty and senescence. Montanini V, et al. **J Endocrinol Invest** 1984;7 Suppl 3:43-52

The common gynecologic problems in childhood and puberty. 10 years review at Ramathibodi Hospital. Thanuntaseth C, et al. **J Med Assoc Thai** 1984 Oct;67 Suppl 2:56-60

Gonadotropin-releasing hormone test and human chorionic gonadotropin test in the diagnosis of gonadotropin deficiency in prepubertal boys. Dunkel L, et al. **J Pediatr** 1985 Sep;107(3):388-92

Rapid development during puberty of proliferative retinopathy after strict diabetic control [letter] Lawrence JR, et al. **Lancet** 1985 Aug 10;2(8450):332

Serum lipoproteins and endogenous sex hormones in early life: observations in children with different lipoprotein profiles. Srinivasan SR, et al. **Metabolism** 1985 Sep; 34(9):861-7

Pituitary-gonadal function in Klinefelter syndrome before and during puberty. Salbenblatt JA, et al. **Pediatr Res** 1985 Jan;19(1):82-6

Experiences of puberty development. Shore L. **Soc Sci Med** 1984;19(4):461-5

Undescended testes and puberty. Orchidopexia or orchiectomy. Zwierstra RP, et al. **Z Kinderchir** 1984 Aug; 39(4):255-8

[Benign unilateral testicular hypertrophy beginning at puberty] El Kholy M, et al. **Arch Fr Pediatr** 1984 Aug-Sep; 41(7):491-2 (Eng. Abstr.) **(Fre)**

[Growth in puberty] Bierich JR. **Padiatr Padol** 1985; 20(1):7-19 (Eng. Abstr.) **(Ger)**

[Psychodynamic and family dynamic aspects of puberty crises] Mangold B. **Padiatr Padol** 1985;20(2):165-72 (Eng. Abstr.) **(Ger)**

[Catamnestic studies in patients with anorexia nervosa in puberty] von Trostorff S. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Feb; 37(2):90-100 (Eng. Abstr.) **(Ger)**

[Threshold status in adolescence] Seidler C. **Z Arztl Fortbild (Jena)** 1985;79(4):159-61 **(Ger)**

[Testicular functions in pubescent and adult patients with cryptorchidism--comparison between descended and undescended sides] Yoshida K, et al. **Hinyokika Kiyo** 1983 Oct;29(10):1247-53 (Eng. Abstr.) **(Jpn)**

[Longitudinal studies on gonadotropin levels in patients with Turner's syndrome and patients with prepubertal castration] Maesaka H, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 May 20;60(5):706-15 (Eng. Abstr.) **(Jpn)**

[Changes in plasma 2-hydroxyestrone levels in pubertal females and correlation with sex hormones] Kawai K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Dec; 36(12):2551-60 (Eng. Abstr.) **(Jpn)**

[Functional organization of the bioelectrical activity of the brain in the pubertal period of development] Volkova EO, et al. **Fiziol Cheloveka** 1985 Jan-Feb;11(1):23-30 **(Rus)**

[Somatotropic function of the hypophysis in the hypothalamic puberty syndrome] Balabolkin MI, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):29-33 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Induction of puberty in a patient with hypogonadotropic hypogonadism by pulsatile, subcutaneous infusions of LH-RH. Vierhapper H. **Exp Clin Endocrinol** 1984 Jul; 84(1):126-8

Induction of puberty in a patient with hypogonadotropic hypogonadism: effect of sequentially applied hCG and pulsatile GnRH administration. Klingmüller D, et al. **Horm Metab Res** 1985 Jul;17(7):358-61

Kinetics of the steroidogenic response to single versus repeated doses of human chorionic gonadotropin in boys in prepuberty and early puberty. Dunkel L, et al. **Pediatr Res** 1985 Jan;19(1):1-4

Evidence for decreased secretion of gonadotropin-releasing hormone in pubertal boys during short-term testosterone treatment. Kelch RP. et al. **Pediatr Res** 1985 Jan; 19(1):112-7

Pulsatile intravenous administration of GnRH by portable infusion pump in Kallmann's syndrome for induction of puberty. Soong YK, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Dec;83(12):1215-21

PUBERTY, DELAYED

DIAGNOSIS

GnRH and HCG tests are both necessary in differential diagnosis of male delayed puberty. Dunkel L, et al. **Am J Dis Child** 1985 May;139(5):494-8

The response of prolactin to chlorpromazine: use in the differential diagnosis of hypogonadotropic hypogonadism and delayed puberty. Winters SJ, et al. **Ann NY Acad Sci** 1984;438:462-4

How to diagnose delayed puberty? Winters SJ. **Int J Androl** 1984 Jun;7(3):177-80

Differentiation of male hypogonadotropic hypogonadism and constitutional delay of puberty by pulsatile administration of gonadotropin-releasing hormone. Partsch CJ, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1196-203

The assessment of hypothalamic pituitary maturation during puberty with a combined clomiphene citrate/GnRH test in boys. de Lange WE, et al. **J Endocrinol Invest** 1984 Dec;7(6):611-4

Delayed female sexual maturation. How to approach differential diagnosis. Huffman JW. **Postgrad Med** 1985 Aug;78(2):239-42, 245-50, 253-60

The role of gonadotrophin releasing hormone in the investigation and treatment of hypogonadism. Gossage A, et al. **Postgrad Med J** 1985 Mar;61(713):195-200 (34 ref.)

[Diagnosis in delayed male puberty] Wagner TO, et al. **Dtsch Med Wochenschr** 1984 Oct 26;109(43):1647-50 **(Ger)**

[Response of prolactin to cimetidine in males with hypogonadotropic hypogonadism or delayed puberty] Calderón Gualda MD, et al. **Med Clin (Barc)** 1984 Sep 29;83(9):365-8 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Constitutional delay of growth and puberty in boys: the effect of a short course of treatment with fluoxymesterone. Stanhope R, et al. **Acta Paediatr Scand** 1985 May; 74(3):390-3

Oxandrolone in low dose for constitutional delay of growth and puberty in boys [letter] Preece MA. **Arch Dis Child** 1985 Aug;60(8):783-5

Oxandrolone in low dose for constitutional delay of growth and puberty in boys. Stanhope R, et al. **Arch Dis Child** 1985 Apr;60(4):379-81

Management of delayed puberty [letter] Cohen HN. **Br Med J [Clin Res]** 1985 May 4;290(6478):1351-2

Alteration in the nocturnal pulsatile release of GH during the induction of puberty using low dose pulsatile LHRH: a case report. Stanhope R, et al. **Clin Endocrinol (Oxf)** 1985 Jan;22(1):117-20

Pulsatile gonadotropin-releasing hormone therapy in male patients with Kallmann's syndrome or constitutional delay of puberty. Happ J, et al. **Fertil Steril** 1985 Apr;

43(4):599–608

Problems in the use of pulsatile gonadotrophin–releasing hormone for the induction of puberty. Stanhope R, et al. **Horm Res** 1985;22(1–2):74–7

Events surrounding the initiation of puberty with long term subcutaneous pulsatile gonadotropin–releasing hormone in a female patient with Kallman's syndrome. Seibel MM, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):575–9

Physiologic testosterone or estradiol induction of puberty increases plasma somatomedin–C. Rosenfield RL, et al. **J Pediatr** 1985 Sep;107(3):415–7

Evidence for decreased secretion of gonadotropin–releasing hormone in pubertal boys during short–term testosterone treatment. Kelch RP, et al. **Pediatr Res** 1985 Jan; 19(1):112–7

ETIOLOGY

Growth and puberty arrest due to prolactinoma. Sack J, et al. **Acta Paediatr Scand** 1984 Nov;73(6):863–7

Arrested puberty associated with a Sertoli–Leydig cell tumor. Kelly AC, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):308–9

Delayed puberty [letter] **Br Med J [Clin Res]** 1985 Jun 8; 290(6483):1745–6

Delayed puberty. Chapman AJ. **Br Med J [Clin Res]** 1985 May 18;290(6480):1493–6

Pubertal and menstrual disorders of female runners, skiers and volleyball players. Ronkainen H, et al. **Gynecol Obstet Invest** 1984;18(4):183–9

Delayed puberty and hypoplastic uterus associated with hyperprolactinemia: successful treatment with bromocriptine. Kauli R, et al. **Horm Res** 1985;22(1–2):68–73

[Gonadotropic function of the pituitary gland in young males with hypothalamic pubertal syndrome] Balabolkin MI, et al. **Klin Med (Mosk)** 1984 Aug;62(8):101–5 (Eng. Abstr.) **(Rus)**

[Growth retardation, GH deficiency, hyperprolactinemia and delayed puberty] Carmona M, et al. **An Esp Pediatr** 1985 Apr 15;22(5):397–401 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

[The delay of bone maturation is a favorable element in the prognosis of final height] Rochiccioli P, et al. **Arch Fr Pediatr** 1985 Apr;42(4):273–6 (Eng. Abstr.) **(Fre)**

[Prolactin response to TRH in patients with idiopathic delayed puberty] Mauri R, et al. **Minerva Pediatr** 1984 Oct 31;36(20):1013–6 (Eng. Abstr.) **(Ita)**

[Functional state of the testicles in various forms of retardation of sexual development in boys] Lebedev NB. **Pediatriia** 1985 Feb;(2):37–40 (Eng. Abstr.) **(Rus)**

THERAPY

Management of delayed puberty [editorial] Brook CG. **Br Med J [Clin Res]** 1985 Mar 2;290(6469):657–8

[Therapy of delayed male puberty] Wagner TO, et al. **Dtsch Med Wochenschr** 1984 Oct 26;109(43):1651–2 **(Ger)**

PUBERTY, PRECOCIOUS

see related
ADRENAL HYPERPLASIA, CONGENITAL

Fluctuation of breast size in isolated premature thelarche [letter] Stanhope R, et al. **Acta Paediatr Scand** 1985 May; 74(3):454–5

BLOOD

17–Hydroxyprogesterone responses to adrenocorticotropin in children with premature adrenarche. Granoff AB, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):409–15

Somatomedin–C in normal puberty and in true precocious puberty before and after treatment with a potent luteinizing hormone–releasing hormone agonist. Harris DA, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):152–9

Somatomedin–C in accelerated growth of children with precocious puberty. Pescovitz OH, et al. **J Pediatr** 1985 Jul;107(1):20–5

CHEMICALLY INDUCED

Precocious puberty due to a diaper ointment. Healy CE. **Indiana Med** 1984 Aug;77(8):610

Clonazepam and sexual precocity [letter] Choonara IA, et al. **N Engl J Med** 1985 Jan 17;312(3):185

COMPLICATIONS

Precocious pseudopuberty and ovarian follicular cysts [letter] Stanhope R, et al. **Am J Dis Child** 1985 Mar;139(3):222

Gelastic seizures, precocious puberty, and hypothalamic hamartoma. Breningstall GN. **Neurology** 1985 Aug; 35(8):1180–3

CONGENITAL

[Transient neonatal hyperthyroidism in the child of a treated hyperthyroid mother. Subsequent appearance of sexual precocity] Doménech E, et al. **An Esp Pediatr** 1985 Mar 31;22(4):281–7 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Pituitary and ovarian abnormalities demonstrated by CT and ultrasound in children with features of the McCune–Albright syndrome. Rieth KG, et al. **Radiology** 1984 Nov;153(2):389–93

[Idiopathic precocious puberty] Zajac J, et al. **Pediatr Pol** 1984 Dec;59(12):1007–12 **(Pol)**

DRUG THERAPY

Testolactone treatment of precocious puberty in McCune–Albright syndrome. Foster CM, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):254–7

Gonadotrophin responses to GnRH in precocious puberty treated with GnRH analogue. Donaldson MD, et al. **Clin Endocrinol (Oxf)** 1984 Nov;21(5):499–503

The treatment of central precocious puberty using an intranasal LHRH analogue (buserelin). Stanhope R, et al. **Clin Endocrinol (Oxf)** 1985 Jun;22(6):795–806

Luteinizing hormone–releasing hormone analog treatment of boys with hypothalamic hamartoma and true precocious puberty. Comite F, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):888–92

Variable response to a long–acting agonist of luteinizing hormone–releasing hormone in girls with McCune–Albright syndrome. Foster CM, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):801–5

Treatment of true precocious puberty with a potent luteinizing hormone–releasing factor agonist: effect on growth, sexual maturation, pelvic sonography, and the hypothalamic–pituitary–gonadal axis. Styne DM, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):142–51

Central precocious puberty complicating a virilizing adrenal tumor: treatment with a long–acting LHRH analog. Pescovitz OH, et al. **J Pediatr** 1985 Apr;106(4):612–4

Chromosomal damage induced in human lymphocytes by medroxyprogesterone acetate treatment for precocious puberty. Lovell MM, et al. **Medicina (B Aires)** 1984; 44(2):163–6

Ketoconazole in the management of precocious puberty not responsive to LHRH–analogue therapy. Holland FJ, et al. **N Engl J Med** 1985 Apr 18;312(16):1023–8

Management of precocious puberty [editorial] Kelch RP. **N Engl J Med** 1985 Apr 18;312(16):1057–8

[Precocious puberty: new therapeutic prospectives] De Pedrini P, et al. **Clin Ter** 1985 May 31;113(4):307–13 (Eng. Abstr.) **(Ita)**

ETIOLOGY

Precocious puberty and hypothalamic hamartoma. Report on a new case with ultrastructural data. Vaquero J, et al. **Acta Neurochir (Wien)** 1985;74(3–4):129–33

Pseudo–precocious puberty caused by bilateral idiopathic testicular hyperplasia. Frost GJ, et al. **Acta Paediatr Scand** 1985 Jul;74(4):623–8

Tay–Sachs disease associated with precocious puberty. Tanaka T, et al. **Acta Paediatr Scand** 1985 May;74(3):462–6

Precocious puberty following severe head trauma. Shaul PW, et al. **Am J Dis Child** 1985 May;139(5):467–9

Intramedullary spinal cord germinoma producing HCG and precocious puberty in a boy. Hisa S, et al. **Cancer** 1985 Jun 15;55(12):2845–9

Paraneoplasic precocious puberty. Report of a new case with hepatoblastoma and review of the literature. Navarro C, et al. **Cancer** 1985 Oct 1;56(7):1725–9

Gelastic epilepsy and true precocious puberty due to hypothalamic hamartoma. Curatolo P, et al. **Dev Med Child Neurol** 1984 Aug;26(4):509–14

Precocious puberty secondary to cranial irradiation for tumors distant from the hypothalamo–pituitary area. Brauner R, et al. **Horm Res** 1985;22(1–2):78–82

Macrogenitosomia precocx. Singh RP, et al. **J Indian Med Assoc** 1984 Sep;82(9):324–5

Pubertas praecox and hypothalamic hamartoma. Takeuchi J, et al. **Neurosurg Rev** 1985;8(3–4):225–31

Virilizing adrenocortical tumors in childhood: eight cases and a review of the literature. Lee PD, et al. **Pediatrics** 1985 Sep;76(3):437–44 (118 ref.)

Transfusion–induced precocious puberty is speculation only. Ulstrom RA. **Postgrad Med** 1984 Nov 1;76(6):31

[Hormonal influences in testicular tumors] Moreau L, et al. **Bull Acad Natl Med (Paris)** 1985 Jan;169(1):22–9 (Eng. Abstr.) **(Fre)**

[Pseudo precocious puberty in the McCune–Albright syndrome] Bost M, et al. **Pediatrie** 1985 Jan–Feb; 40(1):55–60 (Eng. Abstr.) **(Fre)**

[Long–term follow–up in a case of precocious puberty caused by hamartoma of the hypothalamus treated with cyproterone acetate] Crosato F. **Minerva Pediatr** 1985 Feb 15;37(3):141–6 (Eng. Abstr.) **(Ita)**

[Precocious pseudopuberty caused by a Leydig cell neoplasm] Marcelli M, et al. **Recenti Prog Med** 1985 Mar 76(3):139–42 (Eng. Abstr.) **(Ita)**

[Hypothalamic pubertas praecox. (Part 1)] Mori K. **No Shinkei Geka** 1984 Sep;12(10):1113–7 **(Jpn)**

[Hypothalamic pubertas praecox (Part 2)] Mori K. **No Shinkei Geka** 1984 Oct;12(11):1231–7 (40 ref.) **(Jpn)**

[Neoplasms producing steroid hormones: clinical picture and long–term observation of patients] Romer TE, et al. **Endokrynol Pol** 1984;35(6):407–17 (Eng. Abstr.) **(Pol)**

[Precocious pseudopuberty secondary to granulosa cell tumor] Fernández F, et al. **An Esp Pediatr** 1984 Dec; 21(9):822–6 (Eng. Abstr.) **(Spa)**

[Isosexual precocious puberty caused by a bilateral follicular cyst] Ruiz Alvarez F, et al. **Ginecol Obstet Mex** 1985 Apr; 53(336):79–82 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Pituitary gonadotropin–independent male–limited autosomal dominant sexual precocity in nine generations: familial testotoxicosis. Egli CA, et al. **J Pediatr** 1985 Jan; 106(1):33–40

METABOLISM

Germinoma in a boy with precocious puberty: evidence of hCG secretion by the tumoral cells. Pomarède R, et al. **Childs Brain** 1984;11(5):298–303

OCCURRENCE

An epidemic of precocious development in Puerto Rican children. Sáenz de Rodríguez CA, et al. **J Pediatr** 1985 Sep;107(3):393–6

PATHOLOGY

Ovarian ultrasound assessment in normal children, idiopathic precocious puberty, and during low dose pulsatile gonadotrophin releasing hormone treatment of hypogonadotrophic hypogonadism. Stanhope R, et al. **Arch Dis Child** 1985 Feb;60(2):116–9

PHYSIOPATHOLOGY

Lack of thirst, osmoreceptor dysfunction, early puberty and abnormally aggressive behaviour in two boys. Dunger DB, et al. **Clin Endocrinol (Oxf)** 1985 Apr;22(4):469–78

Dental development in precocious puberty. Roberts MW, et al. **J Dent Res** 1985 Aug;64(8):1084–6

Puberty without gonadotropins. A unique mechanism of sexual development. Wierman ME, et al. **N Engl J Med** 1985 Jan 10;312(2):65–72

PSYCHOLOGY

Behavior problems and social competence in girls with true precocious puberty. Sonis WA, et al. **J Pediatr** 1985 Jan; 106(1):156–60

PUBIC BONE

Post–fracture pubic osteolysis simulating malignancy [editorial] Hall FM. **J Bone Joint Surg [Am]** 1984 Sep; 66(7):975

Post–traumatic osteolysis of the pubic bone simulating a malignant lesion [letter] Staple TW. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1143

Infectious osteitis pubis. Case reports. Lindeque BG, et al. **S Afr Med J** 1985 Apr 27;67(17):689–91

[Septic osteochondritis of the synchondrosis ischiopubica] Thiemann HH. **Radiol Diagn (Berl)** 1985;26(2):255–8 (Eng. Abstr.) **(Ger)**

[Bilateral obturator neuralgia secondary to osteitis of the pubis] Leno C, et al. **Arch Neurobiol (Madr)** 1984 Nov–Dec; 47(6):347–52 (Eng. Abstr.) **(Spa)**

[Osteomyelitis of the pubis] Pérez Gorricho B, et al. **Rev Clin Esp** 1985 Feb;176(3):138–40 (Eng. Abstr.) **(Spa)**

ABNORMALITIES

[Congenital separation of the pubic bones and anomaly of the lower G. U. tract] Xie DZ. **Chung Hua Fang She Hsueh Tsa Chih** 1985 Apr;19(2):100–2 (Eng. Abstr.) **(Chi)**

INJURIES

Pubic and sacral insufficiency fractures: clinical course and radiologic findings. De Smet AA, et al. **AJR** 1985 Sep; 145(3):601–6

Pelvic stress fractures in long distance runners. Noakes TD, et al. **Am J Sports Med** 1985 Mar–Apr;13(2):120–3

Multiple stress fractures. A longitudinal study of a soldier with 13 lesions. Milgrom C, et al. **Clin Orthop** 1985 Jan–Feb;(192):174–9

Bilateral stress fractures in a long–distance runner. Julsrud ME. **J Am Podiatr Med Assoc** 1985 Jul;75(7):385–8

[Stress fracture of the pubic bone following total hip endoprosthesis insertion] Winkler V, et al. **Orv Hetil** 1984 Aug 12;125(33):2009–11 (Eng. Abstr.) **(Hun)**

[Stress fracture of the pubic ramus in rheumatoid arthritis––a report of three cases] Nishizawa Y, et al. **Ryumachi** 1984 Jun;24(3):183–9 (Eng. Abstr.) **(Jpn)**

[Combined injuries of the pelvic bones and bladder in children] Dzhalilov PS. **Vestn Khir** 1985 Feb;134(2):96–9 (Eng. Abstr.) **(Rus)**

[Late secondary hemorrhage complicated by cardial arrest] Evdokimov AE, et al. **Vestn Khir** 1985 May;134(5):90–1 **(Rus)**

PATHOLOGY

Spontaneous healing of aneurysmal bone cysts. A report of two cases. McQueen MM, et al. **J Bone Joint Surg [Br]** 1985 Mar;67(2):310–2

RADIOGRAPHY

[Pubic osteitis] Mándi A, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1985; 28(2):162-6 (Eng. Abstr.) (Hun)

RADIONUCLIDE IMAGING

Pubic osteomyelitis. Haentjens M, et al. **Clin Nucl Med** 1985 Jun;10(6):402

SURGERY

Pubectomy in urological surgery. Middleton RG, et al. **J Urol** 1985 Apr;133(4):635-7

[Surgical treatment of chondrosarcoma of the shoulder girdle and pelvic bone with preservation of limb function (report of 3 cases)] Kułakowski A, et al. **Nowotwory** 1984 Jul-Sep; 34(3):283-9 (Eng. Abstr.) (Pol)

PUBIC SYMPHYSIS

see related
SYMPHYSIOTOMY

Management of puerperal separation of the symphysis pubis. Schwartz Z, et al. **Int J Gynaecol Obstet** 1985 Apr; 23(2):125-8

Osteomyelitis of the ischiopubic synchondrosis. Jarvis J, et al. **J Pediatr Orthop** 1985 Mar-Apr;5(2):163-6

Asymptomatic osteomyelitis of the symphysis pubis. Evans TW, et al. **Postgrad Med J** 1985 Mar;61(713):267-8

Infectious osteitis pubis. Case reports. Lindeque BG, et al. **S Afr Med J** 1985 Apr 27;67(17):689-91

Postpartum osteitis pubis. Gonik B, et al. **South Med J** 1985 Feb;78(2):213-4

Septic arthritis and osteomyelitis of the symphysis pubis (osteitis pubis) from intravenous drug use. Magarian GJ, et al. **West J Med** 1985 May;142(5):691-4

[Symphisitis abscendens metastatica as an uncommon complication in the puerperium] Košt'al M, et al. **Cesk Gynekol** 1984 Nov;49(9):663-4 (Cze)

[Graded compression in the treatment of rupture of pubic symphysis] Demichev NP, et al. **Sov Med** 1985;(3):78-83 (Rus)

ABNORMALITIES

[Congenital separation of the pubic bones and anomaly of the lower G. U. tract] Xie DZ. **Chung Hua Fang She Hsueh Tsa Chih** 1985 Apr;19(2):100-2 (Eng. Abstr.) (Chi)

[Open pubic arch] Nordkild P, et al. **Ugeskr Laeger** 1984 Sep 3;146(36):2705 (Eng. Abstr.) (Dan)

ANATOMY & HISTOLOGY

Symphysial-fundal height from 12 weeks' gestation. Taylor P, et al. **Aust NZ J Obstet Gynaecol** 1984 Aug;24(3):189-91

[Symphysis/fundus measurements. A study of the method] Isager-Sally L, et al. **Ugeskr Laeger** 1985 Feb 11; 147(7):609-11 (Eng. Abstr.) (Dan)

INJURIES

Cryoanalgesia to relieve pain in diastasis of the symphysis pubis during pregnancy. Glynn CJ, et al. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1946-7

[Labor as an etiologic factor in symphysis injuries] Cutura N, et al. **Srp Arh Celok Lek** 1984 Jul-Aug;112(7-8):831-6 (Eng. Abstr.) (Scc)

[Importance of the early detection of injuries of the symphysis] Cersky O. **Med Pregl** 1984;37(7-8):319-21 (Eng. Abstr.) (Scr)

PHYSIOLOGY

Mobility of the pubic symphysis. In vivo measurements with an electromechanic method and a roentgen stereophotogrammetric method. Walheim GG, et al. **Clin Orthop** 1984 Dec;(191):129-35

PHYSIOPATHOLOGY

Motion of the pubic symphysis in pelvic instability. Walheim GG, et al. **Scand J Rehabil Med** 1984;16(4):163-9 (32 ref.)

PUBLIC ASSISTANCE

see related
SOCIAL WELFARE

The relevance of impairments to age targeting of housing assistance. Lawton MP. **Gerontologist** 1985 Feb;25(1):31-4

An aging society and the federal deficit. Etheredge L. **Milbank Mem Fund Q** 1984 Fall;62(4):521-43

Is there any empathy left for the nurses? Stevens BJ. **Nurs Outlook** 1985 Jan-Feb;33(1):58, 57

Women, children need WIC support, WIC needs physician support. Morgan B. **Va Med** 1984 Dec;111(12):740

[Subjective conditions of health in elderly people at the conclusion of a 3-year controlled intervention study] Hendriksen C, et al. **Ugeskr Laeger** 1985 Apr 1; 147(14):1217-21 (Eng. Abstr.) (Dan)

[Regional long-term medical assessment of pensioners living at home] Kirkby H, et al. **Ugeskr Laeger** 1984 Jun 18; 146(25):1881-3 (Eng. Abstr.) (Dan)

[Anesthesia in Paris hospitals] Lassner J. **Cah Anesthesiol** 1982 Nov;30(7):977-88 (Fre)

ECONOMICS

Actuarial status of the OASI and DI Trust Funds. Ballantyne HC. **Soc Secur Bull** 1985 Jun;48(6):27-31

LEGISLATION & JURISPRUDENCE

The safety net of 1985 [editorial] Cohen WJ. **Hosp Pract [Off]** 1985 Jul 15;20(7):11, 17

TRENDS

Teenage childbearing and welfare: preventive and ameliorative strategies. Moore KA, et al. **Fam Plann Perspect** 1984 Nov-Dec;16(6):285-9

Future housing assistance policy for the elderly. Struyk RJ. **Gerontologist** 1985 Feb;25(1):41-6

The world economic crisis and the children: United States case study. Miller CA, et al. **Int J Health Serv** 1985; 15(1):95-134

Social welfare expenditures, 1981 and 1982. Bixby AK. **Soc Secur Bull** 1984 Dec;47(12):14-22

PUBLIC HEALTH

see related
HEALTH PLANNING
OCCUPATIONAL MEDICINE
SOCIAL MEDICINE
ZOONOSES

Industrialization and public health in Alaska. Policy for the future. Middaugh J. **Alaska Med** 1984 Oct-Dec;26(4):114-6

Water and health. Guidotti TL, et al. **Am Fam Physician** 1984 Oct;30(4):97-104

Impacting on drunk driving [letter] Delaney TJ Jr. **Am J Public Health** 1985 Apr;75(4):413-4

Toward a smoke-free society [editorial] Ockene JK. **Am J Public Health** 1984 Nov;74(11):1198-200

Moving the 'standards movement'. Schaefer M. **Am J Public Health** 1985 Jun;75(6):645-8

Public health and the environment [editorial] Wolman A. **Am J Public Health** 1985 Sep;75(9):1049-51

AIDS: a public health and psychological emergency. Batchelor WF. **Am Psychol** 1984 Nov;39(11):1279-84

Principles of monitoring for the radiation protection of the population. **Ann ICRP** 1985;15(1):1-20

Quantitative risk assessment of environmental hazards. Brown SL. **Annu Rev Public Health** 1985;6:247-67

Trace elements and public health. Calabrese EJ, et al. **Annu Rev Public Health** 1985;6:131-46

Reducing lead exposure in children. Farfel MR. **Annu Rev Public Health** 1985;6:333-60

The effects of computer science advancements on public health research. Hunt AT, et al. **Annu Rev Public Health** 1985;6:325-32

Some opportunities for biometry in promoting child health in the Third World. Macfarlane SB. **Biometrics** 1984 Jun; 40(2):525-33

Public health implications of the international alcohol industry: issues raised by a World Health Organisation project. McBride R, et al. **Br J Addict** 1985 Jun;80(2):141-7

PHLS reform. Professional advisers' views over-ruled [editorial] **Br Med J [Clin Res]** 1985 Sep 7;291(6496):616

Threat to the PHLS [letter] Turner GC. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):787

Patient education: a public health point of view. Susser M. **Bull NY Acad Med** 1985 Mar;61(2):189-202

Beyond health care: proceedings of a conference on healthy public policy. **Can J Public Health** 1985 May-Jun;76 Suppl 1:1-104

Health, food, water and agriculture. LeRiche WH. **Can J Public Health** 1985 May-Jun;76 Suppl 1:88-92

What's past is prologue. Future issues in public health. Matthews VL. **Can J Public Health** 1984 Sep-Oct; 75(5):348-51

Medical, veterinary and environmental liaison activities in Scotland. Sharp JC. **Ecol Dis** 1982;1(4):269-74

Tobacco industry response to public health concern: a content analysis of cigarette ads. Warner KE. **Health Educ Q** 1985 Summer;12(2):115-27

Recent developments in social marketing and their implications for international public health education. Israel RC. **Hygie** 1984 Dec;3(4):50-3

Abstracts of papers presented at the scientific sessions and symposium in the XXVIII annual conference of the Indian Public Health Association. Izatnagar, 10-12 February 1984. **Indian J Public Health** 1984 Apr-Jun;28(2):53-76

Presidential address: 28th annual conference of the Indian Public Health Association 1984. Ganguly M. **Indian J Public Health** 1984 Apr-Jun;28(2):40-5

Dr. B. C. Dasgupta memorial oration. Jungawalla N. **Indian J Public Health** 1984 Apr-Jun;28(2):46-52

Aging: a new public health challenge. Tulchinsky TH, et al. **Isr J Med Sci** 1985 Mar;21(3):195-6

National Nutrition Monitoring System: implications for public health policy at FDA. Forbes AL, et al. **J Am Diet Assoc** 1984 Oct;84(10):1189-93

Cancer prevention and public health. Saltzman BN. **J Arkansas Med Soc** 1984 Dec;81(7):351-3

An account of the management of a potential environmental/medical crisis by a local health department. Craven J, et al. **J Community Health** 1985 Spring;10(1):3-9

A guide to available machine-readable data bases in the field of public health. Mullner RM, et al. **J Med Syst** 1984 Dec; 8(6):521-61

Hypertension and health education intervention in the Caribbean: a public health appraisal. Livingston IL. **J Natl Med Assoc** 1985 Apr;77(4):273-80 (62 ref.)

Public health considerations of infectious diseases in child day care centers. The Child Day Care Infectious Disease Study Group. **J Pediatr** 1984 Nov;105(5):683-701 (113 ref.)

An agenda for public health departments. Miller CA. **J Public Health Policy** 1985 Jun;6(2):158-72

Environmental threats, communities, and hysteria. Schwartz SP, et al. **J Public Health Policy** 1985 Mar;6(1):58-77

The public health effects of the death penalty. Weisbuch JB. **J Public Health Policy** 1984 Sep;5(3):305-11

Hypertension--a public health problem. Levin B. **J Tenn Med Assoc** 1985 May;78(5):298-9

Risk assessment, management addressed at 'Prevention 85' [news] Goldsmith MF. **JAMA** 1985 Sep 20;254(11):1421-3, 1425

Health and disease in apartheid South Africa [letter] Walker AR. **Lancet** 1984 Nov 17;2(8412):1158

Use of information: environmental standards, assessments of risk, prevention and clinical implications. Becklake MR. **Med J Aust** 1985 Jul 22;143(2):63-4

Health care problems in Afghanistan [editorial] Saikal FH. **Med J Aust** 1985 Apr 1;142(7):385

MDPH biologic products division--a hidden asset. Nolan DC. **Mich Med** 1985 Jun;84(6):343-4

Overlap between public health and private physician. **NC Med J** 1984 Nov;45(11):741-3

North Carolina: the health of our state. Levine RH. **NC Med J** 1984 Sep;45(9):547-9

Prevention and the public health. Yankauer A. **Prev Med** 1984 May;13(3):323-6

Collaborative studies program on maternal and child health in New York State, 1981-83. Barber-Madden R, et al. **Public Health Rep** 1985 Jul-Aug;100(4):432-9

The Public Health Service role in the disposal of chemical munitions. Brown ST, et al. **Public Health Rep** 1985 Jul-Aug;100(4):374-8

The risks of exercise: a public health view of injuries and hazards. Koplan JP, et al. **Public Health Rep** 1985 Mar-Apr;100(2):189-95

Physical activity, behavioral epidemiology, and public health [editorial] Mason JO, et al. **Public Health Rep** 1985 Mar-Apr;100(2):113-5

Workshop on Epidemiologic and Public Health Aspects of Physical Activity and Exercise: a summary. Powell KE, et al. **Public Health Rep** 1985 Mar-Apr;100(2):118-26

Public health aspects of sexually transmitted diseases. Oriel JD. **Public Health Rev** 1984;12(2):131-57 (56 ref.)

Meeting the challenge of health for all: the indispensable contribution of national public health associations. Tejada-de-Rivero DA. **Public Health Rev** 1984; 12(3-4):208-12

Contemporary issues in public health. Scott HD. **RI Med J** 1985 Jul;68(7):313-20

Unemployment--a challenge to public health [letter] Janlert U. **Scand J Soc Med** 1984;12(3):109-10

Does unemployment challenge public health? Lahelma E. **Scand J Soc Med** 1984;12(3):105-7

Health and social science in Latin America. **Soc Sci Med** 1985;21(1):1-102

Social and public health implication of water supply in arid zones in the Sudan. Awad el Karim MA, et al. **Soc Sci Med** 1985;20(4):393-8

Ideological dimensions of community participation in Latin American health programs. Ugalde A. **Soc Sci Med** 1985; 21(1):41-53

Scepticism and public health: on the problem of disease for the collective. Colfer P. **Theor Med** 1985 Jun;6(2):143-52

The public health importance of African trypanosomiasis in north east Zambia. Wurapa FK, et al. **Trop Geogr Med** 1984 Dec;36(4):329-33

Public health implications of alcohol production and trade. Walsh B, et al. **WHO Offset Publ** 1985;(88):1-55 (31 ref.)

International trends in alcohol production and consumption: implications for public health. Walsh B, et al. **World Health Stat Q** 1985;38(2):130-41 (Eng, Fre)

[Possibilities of cooperation by gynecologists and obstetricians with graduates of the school of public health] Dvořák V. **Cesk Gynekol** 1985 Mar;50(2):81-3 (Cze)

[Consanguinity and public health. Algerian study] Benallègue A, et al. **Arch Fr Pediatr** 1984 Jun-Jul;41(6):435-40 (Eng. Abstr.) (Fre)

[Elocution by Madame Souad Lyagoubi Ouahchi, Minister of Public Health of Tunisia] **Bull Acad Natl Med (Paris)** 1984 Oct-Nov;168(7-8):929-35 (Fre)

[The Cahiers is 25 years old] Bui Dang Ha Doan. **Cah Sociol Demogr Med** 1985 Jan-Mar;25(1):5-11 (Fre)

[The health system in industrial countries: long-term perspectives] Bui Dang Ha Doan. **Cah Sociol Demogr Med** 1985 Jan-Mar;25(1):55-103 (Fre)

[Scientific knowledge and action in Public Health: The role of research in the creation of a health program] Dab W, et al. **Can J Public Health** 1984 Sep-Oct;75(5):388-92 (Eng. Abstr.) (Fre)

[Illicit abortion, a public health problem in Kinshasa (Zaire)] Tshibangu K, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(7):759-63 (Eng. Abstr.) (Fre)

[Health consequences of the economic development of tropical countries] Nozais JP, et al. **Med Trop (Mars)** 1985 Jan-Mar;45(1):73-8 (Eng. Abstr.) **(Fre)**

[Role of the sanitary engineer in public health] Maystre LY. **Soz Praventivmed** 1985;30(3):177-9 (Eng. Abstr.) **(Fre)**

[To spray or not to spray, that is not the question...] Gosselin P, et al. **Union Med Can** 1985 Mar;114(3):252-5, 238 (Eng. Abstr.) **(Fre)**

[Technical health equipment of the health office—a report of experiences] Bodenschatz W. **Off Gesundheitswes** 1984 Dec;46(12):608-10 **(Ger)**

[Possibilities of improving measures for environmental hygiene and environmental protection within the Public Health Service] Corinth G. **Off Gesundheitswes** 1984 Oct; 46(10):497-8 **(Ger)**

[Environmental toxicology and public health service—literature references for practical use] Ewers U, et al. **Off Gesundheitswes** 1985 Jun;47(6):261-4 **(Ger)**

[Possibility of error in the use of disinfectants] Heinzel M. **Off Gesundheitswes** 1984 Dec;46(12):622-5 **(Ger)**

[Tasks of the public health office in tuberculosis control] Neumann G. **Off Gesundheitswes** 1985 Mar;47(3):98-100 **(Ger)**

[Official medical monitoring of baths and saunas using specific regulations] Tscharntke D. **Off Gesundheitswes** 1985 Mar;47(3):101-5 **(Ger)**

[Cooperation of the public health physician and the medical psychology examination station in the evaluation of driving ability] Winkler W. **Off Gesundheitswes** 1984 Dec; 46(12):611-5 **(Ger)**

[Theoretical and practical aspects of health protection for children and adolescents in East Germany] Bossdorf U. **Padiatr Grenzgeb** 1985;24(1):3-7 (Eng. Abstr.) **(Ger)**

[Human ecology. Public health aspects of the environment, interiors and developments] **Schriftenr Ver Wasser Boden Lufthyg** 1985;63:1-157 **(Ger)**

[Bath hygiene from the viewpoint of a district medical officer] Huzel G. **Schriftenr Ver Wasser Boden Lufthyg** 1984;58:43-9 **(Ger)**

[Can environmental noise be injurious to health?] Ising H. **Schriftenr Ver Wasser Boden Lufthyg** 1985;63:109-22 (109 ref.) **(Ger)**

[Prevention in health and environmental policy] Pedroli R. **Soz Praventivmed** 1985;30(3):184-6 (Eng. Abstr.) **(Ger)**

[Role of public health of childhood and adolescence in the formation of a scientific procedure for the health protection of children and adolescents in East Germany] Schmidt-Kolmer E. **Z Arztl Fortbild (Jena)** 1985;79(1):3-6 **(Ger)**

[Significance of the analysis of birth rates for medicine. II. Social public health evaluation of changes in birth rate in East Germany 1968-1982] Schott J. **Z Arztl Fortbild (Jena)** 1985;79(12):523-5 **(Ger)**

[Public health parameters of urban construction in inner city residential construction] Fiedler K. **Z Gesamte Hyg** 1985 Apr;31(4):257-60 **(Ger)**

[The Pan-German Exhibition of Hygiene and Emergency Aid, Berlin 1883, and various communal hygiene aspects at the end of the 19th century] Hiller I. **Z Gesamte Hyg** 1985 Mar;31(3):184-7 (Eng. Abstr.) **(Ger)**

[Results of hospital hygiene control activity in medical practice and polyclinic laboratories by district public health inspection] Mielke U, et al. **Z Gesamte Hyg** 1984 Dec; 30(12):735-6 (Eng. Abstr.) **(Ger)**

[The importance of radon and its daughter products for housing hygiene] Schüttmann W. **Z Gesamte Hyg** 1985 Jun; 31(6):326-31 (36 ref.) (Eng. Abstr.) **(Ger)**

[Infection prevention in animal husbandry. A contribution to the improvement of the sanitary consumer protection] Grossklaus D. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb;180(2-3):225-40 (Eng. Abstr.) **(Ger)**

[Production hygiene for quality assurance] Mrozek H. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb; 180(2-3):241-62 (Eng. Abstr.) **(Ger)**

[Routine check-up in an asymptomatic population] Levy S, et al. **Harefuah** 1984 Jun 1;106(11):522-5 **(Heb)**

[A pertinent example of the use of public health laboratories in the control of environmental hygiene] Battioli MT, et al. **G Batteriol Virol Immunol** 1983 Jan-Jun;76(1-6):127-9 (Eng. Abstr.) **(Ita)**

[On social research in the field of public health] Tabata M. **Nippon Ika Daigaku Zasshi** 1985 Jun;52(3):325-36 (Eng. Abstr.) **(Jpn)**

[The psychologist, public health and preventive efforts] Mejias NP. **Rev Saude Publica** 1984 Apr;18(2):155-61 (Eng. Abstr.) **(Por)**

[Health education of the population as part of a complex program of work on improving disease prevention] Malinskaia NN, et al. **Gig Sanit** 1985 Apr;(4):54-6 **(Rus)**

[Environmental factors and health. Ultrasound (Environmental Health Criteria 22)] Zubovskii GA, et al. **Med Radiol (Mosk)** 1984 Oct;29(10): 65-70 (0 ref.) **(Rus)**

[System for automating primary examinations of the public in a polyclinic] Drozhzhin VM, et al. **Med Tekh** 1984 Nov-Dec;(6):9-11 (Eng. Abstr.) **(Rus)**

[Visit to the National School of Public Health in Rennes and the Centers for Preventive Medicine and Social Hygiene in Nancy, France, 1983] Ananijević-Pandej J. **Srp Arh Celok Lek** 1984 Mar;112(3):395-402 **(Scr)**

[Epidemiology, the basic recourse of public health] Ordóñez BR, et al. **Gac Med Mex** 1985 Mar-Apr;121(3-4):151-66 **(Spa)**

ECONOMICS

Economic policy—as if people mattered: towards health-promoting economic policy. Draper PA. **Can J Public Health** 1985 May-Jun;76 Suppl 1:94-6

[Pettenkofer's theory of health economics, a milestone in the development of public health services] Weispfenning I. **Sudhoffs Arch Beih** 1984;(24):146-54 **(Ger)**

[Expert hygienic evaluation of plans and estimates and its role in preventive sanitary control] Chebanova OV. **Gig Tr Prof Zabol** 1984 Oct;(10):1-5 (Eng. Abstr.) **(Rus)**

[Econometric decisions in public health] Negrete J. **Salud Publica Mex** 1984 Jul-Aug;26(4):415-20 (Eng. Abstr.) **(Spa)**

EDUCATION

Feasibility of an Extended MPH Degree Program for fully employed practicing health professionals. Wainwright RB, et al. **Am J Public Health** 1984 Nov;74(11):1258-62

The new educational opportunities for public health professionals [editorial] Weiss RJ, et al. **Am J Public Health** 1984 Nov;74(11):1197-8

An experience in narrative writing to improve public health practice by students. Pinkstaff E. **J Nurs Educ** 1985 Jan; 24(1):25-8

Teaching medical students epidemiology: utilizing a state health department. Novick LF, et al. **Public Health Rep** 1985 Jul-Aug;100(4):401-5

[Training of field personnel in epidemiology. Round table synopsis] De Wals P. **Arch Belg** 1984;42(1-2):157-62 **(Fre)**

[Education in epidemiology] Pineault R, et al. **Arch Belg** 1984;42(1-2):138-51 **(Fre)**

[Organization and implementation of the course segment 'Public health-antiepidemic protection' within the scope of military medicine education] Furter HJ, et al. **Z Gesamte Hyg** 1985 Feb;31(2):104-8 (Eng. Abstr.) **(Ger)**

[Improving the quality of training of specialists in sanitation and hygiene] Borisenko NF, et al. **Gig Sanit** 1985 Feb; (2):25-8 **(Rus)**

[Conducting complex state examinations in hygiene in the Department of Sanitation and Hygiene] Chernenko VD, et al. **Gig Sanit** 1985 Feb;(2):40-3 **(Rus)**

[Substantiation of the optimal method of self-training of medical students in hygiene at home] Omel'ianets NI, et al. **Gig Sanit** 1985 Feb;(2):34-6 **(Rus)**

[Training of interns in hygiene and epidemiology] Pavlovskii MP, et al. **Gig Sanit** 1985 Feb;(2):37-40 **(Rus)**

[Formation of practical skills in the learning process; a major stage in the training of a physician-hygienist] Selivanov AP, et al. **Gig Sanit** 1984 Aug;(8):36-7 **(Rus)**

[New trends in teaching social hygiene in medical schools in Czechoslovakia] Filip M. **Sov Zdravookhr** 1985;(3):60-2 **(Rus)**

[Experience in educating public health organizers in the advanced training department of a medical school] Lekarev LG, et al. **Sov Zdravookhr** 1984;(10):38-40 **(Rus)**

[Teaching methods and the improvement of education in health administration] Kisil M. **Educ Med Salud** 1985; 19(2):187-95 (Eng. Abstr.) **(Spa)**

HISTORY

A window on the past: the position of the client in twentieth century public health thought and practice. Muller C. **Am J Public Health** 1985 May;75(5):470-6

'One man's meat, another man's poison': two chapters in the history of public health [editorial] Ozonoff D. **Am J Public Health** 1985 Apr;75(4):338-40

Public health nursing comes of age. Roberts DE, et al. **Am J Public Health** 1985 Oct;75(10):1162-72

A 'gift of God'?: The public health controversy over leaded gasoline during the 1920s. Rosner D, et al. **Am J Public Health** 1985 Apr;75(4):344-52

Industrial wastes and public health: some historical notes, Part I, 1876-1932. Tarr JA. **Am J Public Health** 1985 Sep; 75(9):1059-67

Public health aspects of mental health: the last 75 years of the American Journal of Public Health. Williams CL, et al. **Am J Public Health** 1985 Jul;75(7):722-6

The early nineteenth-century French public health movement: the disciplinary development and institutionalization of hygiène publique. La Berge AF. **Bull Hist Med** 1984 Fall;58(3):363-79

Canada's amazing health history: let's murder the medical officer. **Can J Public Health** 1984 Sep-Oct;75(5):344-7

Cholera and public health in Canada. Bilson G. **Can J Public Health** 1984 Sep-Oct;75(5):352-5

Aspects of public health in Toronto, in the 19th and early 20th centuries. Oberlander HP. **Can J Public Health** 1984 Sep-Oct;75(5):364-5

Public health in Sub-Arctic Labrador 1912-1978. Paddon A. **Can J Public Health** 1984 Sep-Oct;75(5):356-8

A brief history of public health in Alberta. Predy GN. **Can J Public Health** 1984 Sep-Oct;75(5):366-7

The life and times of Camden. Alewitz S. **J Med Soc NJ** 1984 Sep;81(9):740-6

The Winslow tradition. **J Public Health Policy** 1984 Sep; 5(3):320-6

The birth of the boards. Gray DE. **Kans Med** 1985 Jun; 86(6):180-2

Changing concepts of public health. Lockhart V, et al. **Kans Med** 1985 Jun;86(6):183-6, 204

Water and the search for public health in London in the eighteenth and nineteenth centuries. Hardy A. **Med Hist** 1984 Jul;28(3):250-82

The politics of medicine in Manchester, 1788-1792: hospital reform and public health services in the early industrial city. Pickstone JV, et al. **Med Hist** 1984 Jul;28(3):227-49

Evaluating water supply and other health programs: short-run vs long-run mortality effects. Briscoe J. **Public Health** 1985 May;99(3):142-5

Definition of public health. Ellencweig AY, et al. **Public Health Rev** 1984;12(1):65-78

[History of public health in Quebec] Desrosiers G. **Can J Public Health** 1984 Sep-Oct;75(5):359-63 **(Fre)**

[History of the origin of the Berlin University Chair of Public Health] Nabielek R. **Z Gesamte Hyg** 1985 Jan;31(1):16-9 (Eng. Abstr.) **(Ger)**

[Activities of Ferenc Hutyra (1860-1934) and their importance for public health] Karasszon D. **Orv Hetil** 1985 Feb 24;126(8):469-71 **(Hun)**

[On the 40th anniversary of the liberation of Hungary] Lampé L. **Orv Hetil** 1985 Mar 31;126(13):755-6 **(Hun)**

[Reminiscence on my studies in hygiene and public health] Noriki H. **Nippon Ika Daigaku Zasshi** 1985 Jun;52(3):248-50 **(Jpn)**

[Ignacy Schuch—the Sandomierz physician] Bec M, et al. **Arch Hist Med (Warsz)** 1984;47(3):383-7 (Eng. Abstr.) **(Pol)**

[Sanitary and medical aspects of the repatriation of Polish deportees from the USSR territories (1945-1946)] Glowacki A. **Arch Hist Med (Warsz)** 1984;47(4):551-64 (Eng. Abstr.) **(Pol)**

[Activities of the Department of Occupational Medicine of the Lublin Branch of the Warsaw Society of Hygiene 1903-1905] Kowieski L. **Arch Hist Med (Warsz)** 1984; 47(3):429-31 (Eng. Abstr.) **(Pol)**

[My contacts with the National Institute of Hygiene] Rychard J. **Przegl Epidemiol** 1984;38(3):331-7 **(Pol)**

[Health care in Kalisz 1874-1914] Makowiec J. **Wiad Lek** 1984 Jul 15;37(14):1135-44 **(Pol)**

[Forms of health care in Poland at the end of the 19th century up to the 1930s] Wieckowska E. **Wiad Lek** 1984 Jul 1; 37(13):1049-55 (Eng. Abstr.) **(Pol)**

[The creation of the Chair of Hygiene at Moscow University (on the century of the Chair)] Rumiantsev GI, et al. **Gig Sanit** 1984 Aug;(8):41-4 **(Rus)**

[Hygienists in the days of the Leningrad blockade] Makulova ID, et al. **Gig Tr Prof Zabol** 1985 May;(5):6-10 **(Rus)**

[40th anniversary of a great victory] Tarasenko NIu. **Gig Tr Prof Zabol** 1985 May;(5):1-3 **(Rus)**

[A.F. Maslovskiĭ—prominent Ukrainian physician of the 18th century] Borodiĭ NK. **Sov Zdravookhr** 1984;(5):70-2 **(Rus)**

[History of the popularization of medical knowledge in Russia. L.M. Chichagov and his 'Talks on Medicine'] Kvitnitskiĭ-Ryzhov IuN. **Sov Zdravookhr** 1984;(8):66-70 **(Rus)**

[The Pribylevs - revolutionaries and physicians] Malozemova AI. **Sov Zdravookhr** 1984;(8):62-5 **(Rus)**

[Role of the National Health Committee of the Azerbaijan S.S.R. in the development of Soviet public health in the republic] Manafov IT. **Sov Zdravookhr** 1984;(5):67-70 **(Rus)**

[Soviet public health in philately] Popugaĭlo VM, et al. **Sov Zdravookhr** 1985;(2):62-4 **(Rus)**

[Contribution of Moldavian scientific medical societies to the development of public health] Popushoĭ EP, et al. **Sov Zdravookhr** 1984;(8):54-7 **(Rus)**

[Soviet public health in World War II] Potulov BM. **Sov Zdravookhr** 1985;(1):49-53 **(Rus)**

[The Slovak national uprising and public health problems] Tikhi M, et al. **Sov Zdravookhr** 1985;(4):54-6 **(Rus)**

[The great victory of the Soviet people] Shirinskiĭ PP. **Sud Med Ekspert** 1985 Apr-Jun;28(2):3-5 **(Rus)**

[Medical workers in World War II] Lidov IP, et al. **Vopr Pitan** 1985 Mar-Apr;(2):6-10 **(Rus)**

[60th anniversary of the 8th All-Russian Congress of Bacteriologists, Epidemiologists and Health Officers] Vasil'ev KK. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):110-2 **(Rus)**

[50 years of the Revista de Sanidad e Higiene Pública (1926-1975). Bibliometric analysis of its scientific production] Parra Hidalgo P, et al. **Rev Sanid Hig Publica (Madr)** 1983 Sep-Oct; 57(9-10):969-1038 (Eng. Abstr.) **(Spa)**

MANPOWER

Public principles, private lives. Bluestone N. **Pa Med** 1985 Jul;88(7):54-55

[Health service personnel in Czestochowa in the 19th century] Sobalski F. **Arch Hist Med (Warsz)** 1984; 47(3):375-82 (Eng. Abstr.) **(Pol)**

[Deontological problems of studying the working conditions and health status of medical workers] Kaptsov VA. **Gig Tr Prof Zabol** 1985 Mar;(3):39-41 **(Rus)**

[Relieving food hygiene specialists of irrelevant duties in a district sanitary epidemiological station] Troitskiĭ VV, et al. **Vopr Pitan** 1985 Mar-Apr;(2):73-5 **(Rus)**

STANDARDS

[Increasing the effectiveness of the scientific potential of public health] Gavrilov OK. **Klin Med (Mosk)** 1985 Feb; 63(2):7-12 **(Rus)**

TRENDS

The alchemy of mental health policy: homelessness and the fourth cycle of reform. Goldman HH, et al. **Am J Public Health** 1985 Jul;75(7):727-31

Giant steps and baby steps: toward child health. Starfield B. **Am J Public Health** 1985 Jun;75(6):599-604

Hazardous waste disposal: emerging technologies and public policies to reduce public health risks. Harris RH, et al. **Annu Rev Public Health** 1985;6:269-94

Findings for public health from meta-analyses. Louis TA, et al. **Annu Rev Public Health** 1985;6:1-20

Beyond Lalonde-creating health. Buck C. **Can J Public Health** 1985 May-Jun;76 Suppl 1:19-24

Healthy people. Carlson R. **Can J Public Health** 1985 May-Jun;76 Suppl 1:27-32

Health implications of new information technologies. De Kerckhove D. **Can J Public Health** 1985 May-Jun;76 Suppl 1:96-100

The environment we create. FitzPatrick MS. **Can J Public Health** 1985 May-Jun;76 Suppl 1:67-8

Beyond health care: from public health policy to healthy public policy. Hancock T. **Can J Public Health** 1985 May-Jun;76 Suppl 1:9-11

Towards a healthy world. Hellberg H. **Can J Public Health** 1985 May-Jun;76 Suppl 1:101-3

Health and empowerment. McKnight JL. **Can J Public Health** 1985 May-Jun;76 Suppl 1:37-8

Health protection in Canada to the year 2000. Morrison AB. **Can J Public Health** 1984 Sep-Oct;75(5):370-3

A healthy public policy for healthy communities. Oberlander HP. **Can J Public Health** 1985 May-Jun;76 Suppl 1:63-6

Person, society and planet: the changing context for health. Robertson J. **Can J Public Health** 1985 May-Jun;76 Suppl 1:12-8

The public health profession. **J Public Health Policy** 1985 Mar;6(1):7-14

Kansas public health labs--1886-1985. Carlson RH. **Kans Med** 1985 Jun;86(6):191-2, 205

'The past is prologue...'. Sabol BJ. **Kans Med** 1985 Jun; 86(6):177-9

Health system support for primary health care. A study based on the technical discussions held during the thirty-fourth World Health Assembly, 1981. Kleczkowski BM, et al. **Public Health Pap** 1984;80:1-104

The role of certain socio-sanitary factors in conditioning the quality of man's life. Zamfir G, et al. **Sante Publique (Bucur)** 1984;27(3):197-211

Fifteen years of community organization for health in Panama: an assessment of current progress and problems. La Forgia GM. **Soc Sci Med** 1985;21(1):55-65

Difficulties involved in taking health services to the people: the example of a public health care center in a Caracas barrio. Rakowski CA, et al. **Soc Sci Med** 1985;21(1):67-75

[Development of East German public health] Rychlik R. **Off Gesundheitswes** 1985 Jan;47(1):25-7 **(Ger)**

[Thoughts on health education] Saalmann D. **Off Gesundheitswes** 1984 Dec;46(12):626 **(Ger)**

[Some tasks of the health and social service in the social care of citizens] Paul W, et al. **Z Gesamte Hyg** 1984 Oct; 30(10):541-4 (Eng. Abstr.) **(Ger)**

[Development and tasks of social medicine] Kirschner H. **Pol Arch Med Wewn** 1984 Jul-Aug;72(1-2):1-7 **(Pol)**

[Health in the Americas, perspectives for the year 2000] de Macedo CG. **Rev Saude Publica** 1984 Dec;18 Spec No:67-74 **(Por)**

[Objectives of public health authorities and institutions with regard to schoolchildren's health] Grebesheva II. **Pediatriia** 1984 Sep;(9):3-6 **(Rus)**

[Prevention--the general trend in socialist public health] **Sov Zdravookhr** 1985;(1):3-6 **(Rus)**

[Main trends in studies on social hygiene and public health administration] Ovcharov VK. **Sov Zdravookhr** 1985; (4):20-6 **(Rus)**

[Current problems in the participation of forensic physicians in solving public health tasks] Gromov AP, et al. **Sud Med Ekspert** 1985 Apr-Jun;28(2):21-5 (Eng. Abstr.) **(Rus)**

[Dispensary care--the most important trend in protecting the people's health] Safonov AG. **Ter Arkh** 1985;57(1):3-6 **(Rus)**

[Health for all in the year 2000: illusion or reality?] Horwitz A. **Rev Med Chil** 1984 Apr;112(4):387-400 (Eng. Abstr.) **(Spa)**

PUBLIC HEALTH ADMINISTRATION

see related
COMMUNITY HEALTH SERVICES

The impacts of alternative funding policies for ambulatory care services on hospitalization in the Indian Health Service Contract Health Care Program in Cordova, Alaska. Brelsford G. **Alaska Med** 1985 Apr-Jun;27(2):31-5

After commissioner, what? Greenblatt M, et al. **Am J Psychiatry** 1985 Jun;142(6):752-4

Threat to the PHLS [editorial] Howie J. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):579-80

State mental health directors' priorities for mental health care. Ahr PR, et al. **Hosp Community Psychiatry** 1985 Jan; 36(1):39-45

Complaints--fining and citation. **Iowa Med** 1985 Apr; 75(4):185-6

State and local health departments. Forgotten resources in occupational safety and health. Key MM. **J Occup Med** 1985 May;27(5):379-85

A national survey of dental public health services in local health departments: a report of findings. Evans CA Jr. **J Public Health Dent** 1984 Summer;44(3):112-9

Public health officials' perceptions of dental caries preventive methods. Hastreiter RJ, et al. **J Public Health Dent** 1985 Summer;45(3):180-6

An agenda for public health departments. Miller CA. **J Public Health Policy** 1985 Jun;6(2):158-72

Acquired immunodeficiency syndrome in New York City. Evaluation of an active surveillance system. Chamberland ME, et al. **JAMA** 1985 Jul 19;254(3):383-7

Better Health Commission [letter] Colquhoun D. **Med J Aust** 1985 Sep 16;143(6):262

Continuous epidemiological mapping--a needed public health watchdog. Lloyd OL, et al. **Public Health** 1984 Nov; 98(6):321-6

The limits of prevention. McGinnis JM. **Public Health Rep** 1985 May-Jun;100(3):255-60

Contemporary issues in public health. Scott HD. **RI Med J** 1985 Jul;68(7):313-20

Survey of patients presenting to the government chest service in Hong Kong and the effects of active tuberculosis case-finding by publicity campaigns. Hong Kong Chest Service/British Medical Research Council. **Tubercle** 1984 Sep;65(3):173-84

A cost-benefit analysis of California's mandatory premarital screening program for syphilis. Haskell RJ. **West J Med** 1984 Oct;141(4):538-41

[Elocution by Madame Souad Lyagoubi Ouahchi, Minister of Public Health of Tunisia] **Bull Acad Natl Med (Paris)** 1984 Oct-Nov;168(7-8):929-35 **(Fre)**

[Possibilities of cooperation between public health departments and self-help groups] Zenker HJ. **Off Gesundheitswes** 1985 Jun;47(6):265-8 **(Ger)**

[Health problems from the politician's point of view] Gallob R. **Wien Med Wochenschr [Suppl]** 1984;85:5-6 **(Ger)**

[Objectives of the All-Union and Republics' scientific medical societies in the propagation of the achievements of medical science and their introduction to public health practice] Nasonova VA. **Klin Med (Mosk)** 1985 Jun; 63(6):8-12 **(Rus)**

[Responsibility for child nutrition--an interdepartmental task] Druzhinina LV. **Pediatriia** 1984 Oct;(10):3-6 **(Rus)**

[Current goals of medical education and the teaching of social hygiene and public health organization] Ermakov VV, et al. **Sov Zdravookhr** 1984;(9):9-14 (Eng. Abstr.) **(Rus)**

[Experience in educating public health organizers in the advanced training department of a medical school] Lekarev LG, et al. **Sov Zdravookhr** 1984;(10):38-40 **(Rus)**

[Experimental course for advanced training in management problems] Vartanian FE, et al. **Sov Zdravookhr** 1984; (12):54-60 **(Rus)**

[Intensive factors in the reproduction of fixed assets of public health] Evseev VI, et al. **Vrach Delo** 1984 Nov;(11):1-6 **(Rus)**

[Experience with the complex operation of public health and social service organs and institutions in preventing and reducing disability] Posnyĭ VF. **Vrach Delo** 1984 Dec; (12):101-2 **(Rus)**

[Ways of improving vaccine prevention of infections] Siniak KM, et al. **Vrach Delo** 1984 Dec;(12):96-101 **(Rus)**

[Current problems of planning under the intensive prioritized development of public health] Snegur EA, et al. **Vrach Delo** 1984 Sep;(9):116-9 **(Rus)**

[Teaching methods and the improvement of education in health administration] Kisil M. **Educ Med Salud** 1985; 19(2):187-95 (Eng. Abstr.) **(Spa)**

[General Directorate of Public Health. Report of activities, 1983] **Rev Sanid Hig Publica (Madr)** 1984 Jan-Feb; 58(1-2):5-72 **(Spa)**

ECONOMICS

Benefit-cost analysis of active surveillance of primary care physicians for hepatitis A. Hinds MW, et al. **Am J Public Health** 1985 Feb;75(2):176-7

HISTORY

[50th anniversary of legislation on the standardization of public health services. Dr. Arthur Gütt and the founding of the Public Health Service] Labisch A, et al. **Off Gesundheitswes** 1984 Jul;46(7):291-8 **(Ger)**

[Reorganization of the public health service in post-war Germany, as exemplified by North Rhine-Westphalia (British Occupation Zone) 1945-1949] Sons HU. **Off Gesundheitswes** 1985 Jun;47(6):273-7 **(Ger)**

[Creation of forms of medical administration in the 18th century] Kapronczay K. **Orv Hetil** 1985 Jun 30; 126(26):1607-8 **(Hun)**

[Instruction for the Jarosław sanitary services in 1910. From the history of communal hygiene] Biliński Z. **Arch Hist Med (Warsz)** 1985;48(1):113-8 (Eng. Abstr.) **(Pol)**

[Organization of the sanitary service in Jaroslaw] Biliński Z. **Arch Hist Med (Warsz)** 1985;48(1):101-11 **(Pol)**

[Organization of the medical and sanitary services in the Torun sub-prefecture during the period of the Duchy of Warsaw] Lysiak M. **Arch Hist Med (Warsz)** 1985; 48(1):71-85 (Eng. Abstr.) **(Pol)**

[Origin of public health organization in the Middle Volga Region (17th century)] Alekseev GA. **Sov Zdravookhr** 1984;(9):49-52 **(Rus)**

[100th anniversary of the organization of sanitation in the city of Moscow] Iarovinskiĭ MIa. **Sov Zdravookhr** 1984; (9):45-9 (Eng. Abstr.) **(Rus)**

[Development of Soviet public health in the Uzbek SSR (on the 60th anniversary of the formation of the UzSSR)] Kadyrov AA, et al. **Sov Zdravookhr** 1984;(12):11-4 **(Rus)**

[2d session of the All-Ukrainian Central Executive Committee and its role in the growth of public health in the Ukrainian SSR] Kogan VIa. **Sov Zdravookhr** 1984; (10):51-3 **(Rus)**

[Materials on the history of the sanitary organization of the Lower Volga Region] Shchepetova GA. **Sov Zdravookhr** 1984;(12):62-5 **(Rus)**

[Achievements of the public health authorities of the Ukrainian SSR in the control of infectious diseases after World War II] Kas'ianenko AM. **Vrach Delo** 1985 May; (5):1-5 **(Rus)**

LEGISLATION & JURISPRUDENCE

Current tuberculosis screening practices. Snider DE Jr, et al. **Am J Public Health** 1984 Dec;74(12):1353-6

Quarantine and AIDS. Novick A. **Conn Med** 1985 Feb; 49(2):81-3

MANPOWER

[Medical man-power and community health care in the city of Kitakyushu. Physicians working in the social welfare institutions and administrations] Kahyo H, et al. **Sangyo Ika Daigaku Zasshi** 1983 Mar 1;5(1):69-82 (Eng. Abstr.) **(Jpn)**

METHODS

[Use of microcomputers for processing the information used in public health management] Mishchenko AN, et al. **Sov Zdravookhr** 1985;(1):25-6 **(Rus)**

[Current methods of modeling used to determine the objectives of public health administration] Timonin VM. **Sov Zdravookhr** 1984;(5):8-14 **(Rus)**

ORGANIZATION & ADMINISTRATION

The mental health commissionership: major changes over a decade. Mills MJ. **Hosp Community Psychiatry** 1985 Apr; 36(4):363-8

Municipal health services in Philadelphia. Shapiro SH, et al. **Trans Stud Coll Physicians Phila** 1984 Dec;6(4):285-93

STANDARDS

[Legal basis for using administrative sanctions by authorities of sanitary-epidemiological institutions] Chmutov VG. **Gig Sanit** 1985 Feb;(2):31-4 **(Rus)**

[Deontology of a public health organizer] Aleksandrov OA, et al. **Sov Zdravookhr** 1985;(2):14-9 **(Rus)**

[Evaluation of the results of socialist competitive activities in public health institutions] Balla VD, et al. **Sov Zdravookhr** 1984;(5):45-9 (Eng. Abstr.) **(Rus)**

[Problems in improving public health management personnel in foreign countries] Ermakov VV, et al. **Sov Zdravookhr** 1984;(10):48-50 **(Rus)**

TRENDS

The fate of the public psychiatric system. Talbott JA. **Hosp Community Psychiatry** 1985 Jan;36(1):46-50

The state and the prospective development of automated management systems (AMS) for public health. Timonin VM. **Sante Publique (Bucur)** 1984;27(1):21-30

[Organizational proposals in the public health system] Lisitsyn IuP, et al. **Sov Zdravookhr** 1984;(10):10-3 **(Rus)**

[Public health in the Nakhichevan ASSR (on the 60th anniversary of the creation of the Nakhichevan ASSR)] Novruzov SA. **Sov Zdravookhr** 1984;(9):14-6 **(Rus)**

[Main trends in studies on social hygiene and public health administration] Ovcharov VK. **Sov Zdravookhr** 1985; (4):20-6 **(Rus)**

PUBLIC HEALTH DENTISTRY

see related
HEALTH EDUCATION, DENTAL

Public dental programs for old-age pensioners in Norway: sociopolitical opinion among recipients. Rise J. **Community Dent Oral Epidemiol** 1985 Feb;13(1):11-3

Abstracts: '1984 and beyond: new perspectives for public health dentistry'. American Association of Public Health Dentistry. 47th annual meeting. Atlanta, Georgia, October 18-20, 1984. **J Public Health Dent** 1985 Winter;45(1):34-41

A national survey of dental public health services in local health departments: a report of findings. Evans CA Jr. **J Public Health Dent** 1984 Summer;44(3):112-9

Public health officials' perceptions of dental caries preventive methods. Hastreiter RJ, et al. **J Public Health Dent** 1985 Summer;45(3):180-6

A community-based dental program for older adults. Lang WP, et al. **J Public Health Dent** 1984 Fall;44(4):141-6

Applying an evaluation model to a dental public health program. Scheetz JP, et al. **J Public Health Dent** 1985 Summer;45(3):187-92

Prevention and control of periodontal disease at the community level: is it feasible? Reaction: consensus and contention. Davis P. **NZ Dent J** 1984 Oct;80(362):125-7

Prevention and control of periodontal disease at the community level: is it feasible? The scientific basis of periodontal disease prevention. Löe H. **NZ Dent J** 1984 Oct;80(362):108-11

Prevention and control of periodontal disease at the community level: is it feasible? Implementation at the community level. Pilot T. **NZ Dent J** 1984 Oct; 80(362):119-23

Prevention and control of periodontal disease at the community level: is it feasible? Reaction: the implication of research findings. Powell R. **NZ Dent J** 1984 Oct; 80(362):123-5

Caries in deciduous teeth and public dental care in Finland. Milén A. **Proc Finn Dent Soc** 1984;80 Suppl 7-8:1-49

[Evaluation of the effect of training dental students in health centers] Nakamura C, et al. **Kokubyo Gakkai Zasshi** 1985 Mar;52(1):55-61 (Eng. Abstr.) **(Jpn)**

EDUCATION

Community dentistry in Nordic dental schools. Riordan PJ, et al. **Community Dent Oral Epidemiol** 1984 Dec; 12(6):351-4

Analysis of the need for training, employment, and specialization in dental public health. Lotzkar S. **J Public Health Dent** 1985 Spring;45(2):106-13

HISTORY

Dental public health. Its origins and development in Canada. Feasby RE. **Can Dent Assoc J** 1985 Jan;51(1):75

Dental public health in British Columbia. McCombie F, et al. **Can J Public Health** 1984 Sep-Oct;75(5):368-9

METHODS

Prevention and control of periodontal disease at the community level: is it feasible? Evaluation of the success of clinical trials and community programmes. Ainamo J. **NZ Dent J** 1984 Oct;80(362):112-4

TRENDS

Dentist oversupply (?), dentistry, and dental public health [editorial] Striffler DF. **J Public Health Dent** 1984 Summer; 44(3):98-9

PUBLIC HEALTH NURSING

Interventions useful to the public health nurse: improving health behaviors. Wyatt GK, et al. **J Nurs Educ** 1985 Apr; 24(4):168-70

[Current participation of the nurse in the activities covered in the 'expanded role of nursing'] Cedeño M, et al. **Educ Med Salud** 1985;19(2):196-208 (Eng. Abstr.) **(Spa)**

HISTORY

Public health nursing: in sickness or in health? Buhler-Wilkerson K. **Am J Public Health** 1985 Oct; 75(10):1155-61

Florence Nightingale on public health nursing. Monteiro LA. **Am J Public Health** 1985 Feb;75(2):181-6

Public health nursing comes of age. Roberts DE, et al. **Am J Public Health** 1985 Oct;75(10):1162-72

Lillian Wald at Henry Street, 1893-1895. Silverstein NG. **ANS** 1985 Jan;7(2):1-12

STANDARDS

Factors associated with public health nurses' perceptions of skill in chemical dependency assessment and referral. Reynolds B, et al. **J Drug Educ** 1985;15(1):23-32

TRENDS

Public health nursing services. **Iowa Med** 1985 Jun; 75(6):277-8

PUBLIC HEALTH SERVICE (U.S.) see **UNITED STATES PUBLIC HEALTH SERVICE**

PUBLIC HOUSING

The changing service needs of older tenants in planned housing. Lawton MP, et al. **Gerontologist** 1985 Jun; 25(3):258-64

Respiratory conditions: effect of housing and other factors. McCarthy P, et al. **J Epidemiol Community Health** 1985 Mar;39(1):15-9

Relevance of personality traits to adjustment in group living situations. Carp FM. **J Gerontol** 1985 Sep;40(5):544-51

Psychogeriatric program in a public housing setting. Cohen GD. **Psychiatr Q** 1983 Summer-Fall;55(2-3):173-81

Health and housing conditions in public sector housing estates. Keithley J, et al. **Public Health** 1984 Nov; 98(6):344-53

Refuges and self-help. Clifton J. **Sociol Rev [Monogr]** 1985; (31):40-59

[A rehabilitation complex--the hotel station. An ambulatory rehabilitation program for very severely disabled persons] Presber W, et al. **Z Gesamte Hyg** 1984 Nov;30(11):631-4 (Eng. Abstr.) **(Ger)**

STANDARDS

Assessment of activity priorities and design preferences of elderly residents in public housing: a case study. Nasar JL, et al. **Gerontologist** 1985 Jun;25(3):251-7

TRENDS

An alternative targeting strategy for housing assistance. Newman SJ, et al. **Gerontologist** 1984 Dec;24(6):584-92

Building housing for the low-income elderly: cost containment in the Section 202 program. Turner MA. **Gerontologist** 1985 Jun;25(3):271-7

PUBLIC OPINION

see related
ATTITUDE TO HEALTH

Public opinion about doctors' pay. Ross CE, et al. **Am J Public Health** 1985 Jun;75(6):668-70

Abortion: the divisive issue [editorial] Yankauer A. **Am J Public Health** 1985 Jul;75(7):714-5

Pacemakers and the public image [editorial] Keshishian JM. **Ann Thorac Surg** 1984 Dec;38(6):549-50

Ageism. A negative view of the aged. Boone DR. **ASHA** 1985 Jul;27(7):51-3

The determinants of attitudes towards social security recipients. Furnham A. **Br J Soc Psychol** 1985 Feb;24 (Pt 1):19-27

The changing image of doctors [editorial] **Br Med J [Clin Res]** 1984 Dec 22-29;289(6460):1713-4

The primum noli nocere of medical writing [letter] Rety N. **Can Med Assoc J** 1985 May 1;132(9):1008

Public attitudes toward epilepsy in Italy: results of a survey and comparison with U.S.A. and West German data. Canger R, et al. **Epilepsia** 1985 May-Jun;26(3):221-6

AIDS and the general population. Silverman MF. **Front Radiat Ther Oncol** 1985;19:168-71

Hospitals still dominate emergency care market. Inguanzo JM, et al. **Hospitals** 1985 Jul 1;59(13):84-5

Community fear of nonionizing radiation: a field investigation. Daley ML, et al. **IEEE Trans Biomed Eng** 1985 Mar;32(3):246-8

The drug addict and the stigma of addiction. Dean JC, et al. **Int J Addict** 1984 Dec;19(8):859-69

Defining alcohol problems as a repressive mechanism: its formative phase in imperial Germany and its strength today. Vogt I. **Int J Addict** 1984 Aug;19(5):551-69

'Plain crazy:' lay definitions of legal insanity. Hans VP, et al. **Int J Law Psychiatry** 1984;7(2):105-14

Public attitudes towards mental illness--the effects of behaviour, roles and psychiatric labels. Nieradzik K, et al. **Int J Soc Psychiatry** 1985 Spring;31(1):23-33

Conscious sedation and the public [letter] Foreman PA. **J Am Dent Assoc** 1985 May;110(5):668

'Aging is becoming.' Independence for older Georgians. Woody E. **J Med Assoc Ga** 1985 May;74(5):292

The new antifluoridationists: who are they and how do they operate? Easley MW. **J Public Health Dent** 1985 Summer; 45(3):133-41

Priorities to preserve fluoride uses: rationales and strategies. Frazier PJ. **J Public Health Dent** 1985 Summer; 45(3):149-76

The opposition to fluoride programs: report of a survey. Watson ML. **J Public Health Dent** 1985 Summer; 45(3):142-8

The ethics of public affirmation in the health education classroom. Eddy JM. **J Sch Health** 1984 Sep;54(8):316-7

A 'reverence for strong drink': the lost generation and the elevation of alcohol in American culture. Room R. **J Stud Alcohol** 1984 Nov;45(6):540-6

Health care for older citizens: overcoming barriers. Greene JA. **J Tenn Med Assoc** 1985 May;78(5):289-93

Medicine--a profession in trouble? [editorial] Lundberg GD. **JAMA** 1985 May 17;253(19):2879-80

Public attitudes and behavior regarding organ donation. Manninen DL, et al. **JAMA** 1985 Jun 7;253(21):3111-5

Psychopharmacology and society [editorial] **Lancet** 1985 May 25;1(8439):1201

Government's response to fears about acquired immunodeficiency syndrome. Deitch R. **Lancet** 1985 Mar 2;1(8427):530-1

Public perception of cancer risk and prevention: implications for physicians. Wilson J, et al. **Md Med J** 1985 Jan; 34(1):63-6

Public opinion on health care issues Maryland 1983. Freshnock L. **Md State Med J** 1984 Sep;33(9):703-10

Doctor bashing: tall poppies or tall stories? Metherell M. **Med J Aust** 1984 Dec 8-22;141(12-13):846-7

Public attitudes about health-care costs [letter] **N Engl J Med** 1984 Dec 27;311(26):1704-5

Public perceptions of medicine [letter] Arthur RJ. **N Engl J Med** 1985 Apr 25;312(17):1130-1

Public perceptions of medicine. Mechanic D. **N Engl J Med** 1985 Jan 17;312(3):181-3

Cardiovascular disease and diet: the public view. Heimbach JT. **Public Health Rep** 1985 Jan-Feb;100(1):5-12

Acceptability of fluoride use in Finnish municipalities. Tuutti H, et al. **Scand J Soc Med** 1985;13(3):109-12

The public image of psychiatry. Ingham J. **Soc Psychiatry** 1985;20(3):107-8

Opinions on mental illness in Israel. Rahav M, et al. **Soc Sci Med** 1984;19(11):1151-8

[The role of the physicians in the formation of attitudes by the population regarding questions of the environment] Bouček K. **Cas Lek Cesk** 1985 Aug 23;124(34):1057-9 **(Cze)**

[Status of knowledge about the '0.8 pars pro mille Law.' Results of a survey] Barth J, et al. **Blutalkohol** 1985 Mar; 22(2):109-14 (Eng. Abstr.) **(Ger)**

[Opinions of normal citizens on asocial behavior--various aspects, its dimensions and stability] Funke EH. **Int J Rehabil Res** 1985;8(1):29-45 (Eng. Abstr.) **(Ger)**

[Information status and public opinion on the social psychiatric position of epilepsy in western Lower Austria] Hebenstreit G. **Psychiatr Prax** 1985 May;12(3):101-3 (Eng. Abstr.) **(Ger)**

[Stigmatization of psychiatric patients: the city versus the country] Angermeyer MC, et al. **Psychother Psychosom Med Psychol** 1985 Mar-Apr; 35(3-4):99-103 (Eng. Abstr.) **(Ger)**

[How do various occupational groups perceive epileptics?] Hebenstreit GF. **Schweiz Rundsch Med Prax** 1985 Jul 16; 74(29):784-7 (Eng. Abstr.) **(Ger)**

[Vaccination: barriers and motivation] Bergler R. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb; 180(2-3):190-222 (Eng. Abstr.) **(Ger)**

PUBLIC POLICY

Alaska medicine essay. Medicine--in trouble. Fritz MH. **Alaska Med** 1985 Jan-Mar;27(1):10-1

Social policy issues in the introduction of food to infants: limitations of government. Miller SA. **Am J Clin Nutr** 1985 Feb;41(2 Suppl):502-7

Placebo-controlled clinical trials in gastroenterology. A position paper of the American College of Gastroenterology. Sachar DB. **Am J Gastroenterol** 1984 Dec;79(12):913-7

Presidential address: Our patients' future in a changing world: the imperative for psychiatric involvement in public policy. Talbott JA. **Am J Psychiatry** 1985 Sep;142(9):1003-14

Science and policy making [editorial] Rothman KJ, et al. **Am J Public Health** 1985 Apr;75(4):340-1

Epidemiologic evidence and motor vehicle policy making. Runyan CW, et al. **Am J Public Health** 1985 Apr; 75(4):354-7

Battered women, psychology, and public policy. Walker LE. **Am Psychol** 1984 Oct;39(10):1178-82

Hazardous waste disposal: emerging technologies and public policies to reduce public health risks. Harris RH, et al. **Annu Rev Public Health** 1985;6:269-94

Family planning in Singapore. Ng C. **Asia Oceania J Obstet Gynaecol** 1984 Dec;10(4):559-63

Alcoholism, genetics and society. **Br J Addict** 1984 Dec; 79(4):353

Conversation with Joy Moser [interview] Moser J. **Br J Addict** 1984 Dec;79(4):355-63

Poverty in the cradle. Smith R. **Br Med J [Clin Res]** 1985 May 4;290(6478):1340-2

The effect of U.S. policies on the economics of libraries. Cummings MM. **Bull Med Libr Assoc** 1985 Jan;73(1):1-8

Beyond health care: proceedings of a conference on healthy public policy. **Can J Public Health** 1985 May-Jun;76 Suppl 1:1-104

Energy, economics & environment. Brooks DB. **Can J Public Health** 1985 May-Jun;76 Suppl 1:92-4

Health implications of new information technologies. De Kerckhove D. **Can J Public Health** 1985 May-Jun;76 Suppl 1:96-100

Economic policy--as if people mattered: towards health-promoting economic policy. Draper PA. **Can J Public Health** 1985 May-Jun;76 Suppl 1:94-6

Public policies for healthy work-places. Emery F. **Can J Public Health** 1985 May-Jun;76 Suppl 1:46-50

Families and health. Glossop R. **Can J Public Health** 1985 May-Jun;76 Suppl 1:35-6

Unemployment and the social contact. Hunnius GC. **Can J Public Health** 1985 May-Jun;76 Suppl 1:57-62

Education for life-long learning. Ironside A. **Can J Public Health** 1985 May-Jun;76 Suppl 1:33-5

Individual and community responsibility for population policy. Last JM. **Can J Public Health** 1985 Mar-Apr; 76(2):81-7 **(Eng, Fre)**

A healthy public policy for healthy communities. Oberlander HP. **Can J Public Health** 1985 May-Jun;76 Suppl 1:63-6

Housing and the community. Rose A. **Can J Public Health** 1985 May-Jun;76 Suppl 1:71-3

Abortion. **Can Med Assoc J** 1985 Aug 15;133(4):318A-318B **(Eng, Fre)**

Policy options on child abuse and neglect. Doek JE. **Child Abuse Negl** 1984;8(4):385-6

Workers are parents, too. Akabas SH. **Child Welfare** 1984 Sep-Oct;63(5):387-99

Cigarette smoking and cardiovascular diseases. A statement for health professionals by a task force appointed by the steering committee of the American Heart Association. Holbrook JH, et al. **Circulation** 1984 Dec; 70(6):1114A–1117A

Prevention of bacterial endocarditis. A statement for health professionals by the Committee on Rheumatic Fever and Infective Endocarditis of the Council on Cardiovascular Disease in the Young. Shulman ST, et al. **Circulation** 1984 Dec;70(6):1123A–1127A

Prevention of rheumatic fever. A statement for health professionals by the Committee on Rheumatic Fever and Infective Endocarditis of the Council on Cardiovascular Disease in the Young. Shulman ST, et al. **Circulation** 1984 Dec;70(6):1118A–1122A

Alcohol, law and public policy: current controversies. Healey JM. **Conn Med** 1985 Jun;49(6):407

Decisions at the end of life: the legacy of Karen Ann Quinlan. Healey JM. **Conn Med** 1985 Aug;49(8):549

Alcohol, law and public policy: historical foundations. Healey JM. **Conn Med** 1985 Feb;49(2):131

Deciding for the incompetent patient: the development of public policy. Healey JM. **Conn Med** 1985 Jan;49(1):51

Children and the elderly: divergent paths for America's dependents. Preston SH. **Demography** 1984 Nov; 21(4):435–57 (73 ref.)

Global politics in Mexico City. Wulf D, et al. **Fam Plann Perspect** 1984 Sep–Oct;16(5):228–32

Are the elderly overhoused? Definitions of space utilization and policy implications. Lane TS, et al. **Gerontologist** 1985 Jun;25(3):243–50

Compliance and policy issues and recommendations related to revision of the National Interim Primary Drinking Water Regulations for Radionuclides. Regnier JE, et al. **Health Phys** 1985 May;48(5):695–9

Hospital contract management. Organizational and public policy issues. Rundall TG. **Health Serv Res** 1984 Oct; 19(4):455–60

Morality dissected: a plea for reform of current policies with respect to autopsy. Caplan AL. **Hum Pathol** 1984 Dec; 15(12):1105–6

Federal drug abuse policy and minority group issues––reflections of a participant–observer. Brown BS. **Int J Addict** 1985 Jan;20(1):203–15 (20 ref.)

Addiction intervention: treatment models and public policy. Silverman I. **Int J Addict** 1985 Jan;20(1):183–201

Epidemiology as the basis for clinical and social policy decisions [letter] Colditz GA. **Int J Epidemiol** 1985 Jun; 14(2):336–7

Public policy and the nursing home industry. Harrington C. **Int J Health Serv** 1984;14(3):481–90

Brazil: the health care model of the military modernizers and technocrats. Horn JJ. **Int J Health Serv** 1985; 15(1):47–68

Responsibility, unconscious motivation, and social order. Eagle MN. **Int J Law Psychiatry** 1983;6(3–4):263–91

Social policy and the mental health of black children. Comer JP, et al. **J Am Acad Child Psychiatry** 1985 Mar; 24(2):175–81

Law and public policy. The case for the courts. Baron C. **J Am Geriatr Soc** 1984 Oct;32(10):734–8

Teaching nursing homes: their impact on public policy, patient care, and medical education. Williams C. **J Am Geriatr Soc** 1985 Mar;33(3):189–95

Lead in petrol and levels of lead in blood: scientific evidence and social policy. Elwood PC, et al. **J Epidemiol Community Health** 1984 Dec;38(4):315–8

Immigrant workers: health, law, and public policy. Guttmacher S. **J Health Polit Policy Law** 1984 Fall; 9(3):503–14

Politics and bioethical commissions: 'muddling through' and the 'slippery slope'. Mendeloff J. **J Health Polit Policy Law** 1985 Spring;10(1):81–92

Regulating motor vehicle safety maintenance: can we make it cost–effective? Thompson F. **J Health Polit Policy Law** 1985 Winter;9(4):695–715

Germs know no color line: black health and public policy in Atlanta, 1900–1918. Galishoff S. **J Hist Med Allied Sci** 1985 Jan;40(1):22–41

Master's thesis policies in nursing education. May KM, et al. **J Nurs Educ** 1985 Jan;24(1):10–5

'Truth in packaging?' The unwrapping of epidemiologic research. Lanes SF, et al. **J Occup Med** 1984 Aug; 26(8):571–4

1984 Presidential election: issues of relevance to child and adolescent health. Mondale WF, et al. **J Sch Health** 1984 Oct;54(9):366–70

The drug problem in The Netherlands. Kooyman M. **J Subst Abuse Treat** 1984;1(2):125–30

Government's response to fears about acquired immunodeficiency syndrome. Deitch R. **Lancet** 1985 Mar 2;1(8427):530–1

Impact of a nationwide anti–smoking campaign. Doxiadis SA, et al. **Lancet** 1985 Sep 28;2(8457):712–3

Promoting health through public policy. Draper P. **Lancet** 1984 Dec 15;2(8416):1387–8

Militarism and mortality. An international analysis of arms spending and infant death rates. Woolhandler S, et al. **Lancet** 1985 Jun 15;1(8442):1375–8

Policy implications of hospital reporting practices. Kane NM. **Med Care** 1985 Jun;23(6):836–41

Healing the sick poor: social policy and disability in Norwich 1550–1640. Pelling M. **Med Hist** 1985 Apr;29(2):115–37

Here are health care views of candidates Levin and Lousma. Levin C, et al. **Mich Med** 1984 Oct;83(46):495–6, 498

The oldest old: a fresh perspective or compassionate ageism revisited? Binstock RH. **Milbank Mem Fund Q** 1985 Spring; 63(2):420–51 (57 ref.)

Matching prescription drugs and consumers. The benefits of direct advertising. Masson A, et al. **N Engl J Med** 1985 Aug 22;313(8):513–5

Planning experiments relevant to public policy: peripheral nerve electrical activity. Jewett DL. **Neurobehav Toxicol Teratol** 1984 Nov–Dec;6(6):419–24

A critique of the ANA Social Policy Statement. White CM. **Nurs Outlook** 1984 Nov–Dec;32(6):328–31

Minorities and New York medical schools. Past failures and the prospect for future successes. Watts RK, et al. **NY State J Med** 1985 Apr;85(4):148–50

Hazards of confined spaces require clearly defined policies. Loud JJ. **Occup Health Saf** 1985 Apr;54(4):34, 36, 38–9

Control of medical emergency services at the scene of a medical emergency. **Ohio State Med J** 1984 Dec;80(12):829, 832–3, 846

No–fault compensation for human subjects injured in biomedical research: a public policy conflict. Glass JC. **Pharos** 1985 Summer;48(3):2–7

Social censorship of medical and ethical decisions. Thomasma DC, et al. **Pharos** 1985 Summer;48(3):22–6

Effects of social policy on the heritability of educational achievement. Heath AC, et al. **Prog Clin Biol Res** 1985; 177:489–507

Nutrition monitoring and research in the Department of Health and Human Services. Brandt EN Jr, et al. **Public Health Rep** 1984 Nov–Dec;99(6):544–9

Disability: the view from social policy. Coudroglou A. **Rehabil Lit** 1984 Nov–Dec;45(11–12):358–61

Deinstitutionalization and public policy. Scull A. **Soc Sci Med** 1985;20(5):545–52

The impact of development and population policies on fertility in India. Jain AK. **Stud Fam Plann** 1985 Jul–Aug; 16(4):181–98

Sex education laws and policies. Roemer R, et al. **Stud Fam Plann** 1985 Jul–Aug;16(4):219–30

Conceptual issues in the definition of death: a guide for public policy. Wikler DI. **Theor Med** 1984 Jun;5(2):167–80

Health needs and social policy. Rathbone–McCuan E. **Women Health** 1985 Summer–Fall;10(2–3):17–27

Social medicine and social policy. Silver GA. **Yale J Biol Med** 1984 Nov–Dec;57(6):851–64

[For increased effectiveness in scientific research activity] Gazárek F. **Cesk Gynekol** 1984 Aug;49(7):465–8 (Eng. Abstr.) **(Cze)**

[Consensus 'policy regarding thrombocyte transfusions'] van Aken WG, et al. **Ned Tijdschr Geneeskd** 1985 Jul 20; 129(29):1374–7 (Eng. Abstr.) **(Dut)**

[Control of allocation through decision making on requests for care. Study of indications for nursing homes] Coolen JA, et al. **Tijdschr Gerontol Geriatr** 1985 Jun;16(3):97–108 (Eng. Abstr.) **(Dut)**

[Democratization policy for nursing homes: the pitfalls of the well–balanced administrative composition] Coolen JA. **Tijdschr Gerontol Geriatr** 1984 Aug;15(4):155–8 **(Dut)**

[Application of research in policy notes regarding housing for the elderly] Houben PP. **Tijdschr Gerontol Geriatr** 1985 Apr;16(2):45–51 (Eng. Abstr.) **(Dut)**

[Managerial and democratic thinking can go together; the pitfalls of an administrative approach. A comment] Verdult CM. **Tijdschr Gerontol Geriatr** 1984 Aug;15(4):158–60 **(Dut)**

[Rehabilitation of the handicapped caught between content programming and economic justification] Heier D. **Rehabilitation (Stuttg)** 1984 Nov;23(4):140–7 (Eng. Abstr.) **(Ger)**

PUBLIC RELATIONS

PR: could do better [letter] **Br Dent J** 1984 Aug 11; 157(3):83–4

World Health Day, 1984: Children's health––tomorrow's wealth. **Bull Pan Am Health Organ** 1984;18(2):201–9

The message in the bottle: a value predicament in cancer research. Geelhoed GW. **Del Med J** 1985 Feb;57(2):95–8

Staff orientation: an important PR tool. Hill PL. **Dimens Health Serv** 1984 Aug;61(8):23

Public relations: getting organized. Hill PL. **Dimens Health Serv** 1983 Oct;60(10):44

Ethical and practical public relations for the physician. Liberman J. **Hawaii Med J** 1984 Sep;43(9):300

Marketing is key to PR professionals' roles. **Hospitals** 1985 Jul 1;59(13):60, 62

Fitness program can raise name recognition among senior citizens. Powills S. **Hospitals** 1985 Aug 16;59(16):98

Hospital executives rate the press. Ralston RM, et al. **Hospitals** 1985 Mar 16;59(6):102–6

Marketing and your 4 PR pressure points. Riggs L, et al. **Indiana Med** 1985 Feb;78(2):144–6

Marketing uses of public relations. Stevens A. **Indiana Med** 1984 Dec;77(12):962–3

Raising the image of the R.D. through public relations: nutrition month all year. Wegman J, et al. **J Am Diet Assoc** 1984 Dec;84(12):1482–3

Using the professional or in–house model in a medical setting. Freund J. **J Biol Photogr** 1985 Jul;53(3):105–7

School nurses: improve the reception and sharpen the image. Seidenberg A. **J Sch Health** 1984 Oct;54(9):363–5

Media, patient confidentiality: compatible? [news] Cowart VS. **JAMA** 1985 May 17;253(19):2813–4, 2818–9

An analysis of news coverage of maternal–child nurses. Kalisch BJ, et al. **Matern Child Nurs J** 1984 Summer; 13(2):77–90

UK biotechnology: advertisement sails near wind. [news] Maddox J. **Nature** 1984 Sep 27–Oct 3;311(5984):292

Medicine and the media: a case study. Brown D. **Pharos** 1984 Summer;47(3):2–7

Member hospital network for poison control. Chafee–Bahamon C, et al. **Vet Hum Toxicol** 1984;26 Suppl 2:20–3

[40th anniversary of the Blood Transfusion Service of the Swiss Red Cross] Hässig A. **Ther Umsch** 1984 Aug; 41(8):533–5 (Eng. Abstr.) **(Ger)**

TRENDS

What's eroding the hospital's image? Friedman E. **Hospitals** 1985 Sep 16;59(18):76, 79–84

Public relations: a powerful marketing tool. Stevens A. **NC Med J** 1984 Dec;45(12):769–70

PUBLISHING

Duplicate publication and the pursuit of correct references [letter] Klein ER. **Am J Dis Child** 1985 Aug;139(8):747

Duplicate publication: who is at fault? [letter] Leung AK. **Am J Dis Child** 1985 Aug;139(8):746–7

Publication of research presented at the pediatric meetings. Change in selection. McCormick MC, et al. **Am J Dis Child** 1985 Feb;139(2):122–6

Duplicate publication is boring [editorial] Radulescu G. **Am J Dis Child** 1985 Feb;139(2):119–20

How should we write multiple denominators? [letter] Dubois A. **Am J Physiol** 1985 Mar;248(3 Pt 1):G380

Letters to the editor and informed consent [letter] Naylor D. **Ann Intern Med** 1985 Apr;102(4):564

Give publishing a try. Step–by–step guidelines for would–be writers. Duffy KL, et al. **AORN J** 1985 Aug;42(2):230–4

Some thoughts on books, journals, electronic publications, libraries and librarians. Almagro BR. **Ariz Med** 1985 Jun; 42(6):375–7

Book publishing. Information explosion in the field brings question: is more better? **ASHA** 1985 Aug;27(8):25–6

1985 annual directory of speech–language product manufacturers/publishers. Horowitz DR. **ASHA** 1985 Aug; 27(8):39–46

An analysis of thirty years of contributions to the British anaesthetic literature (1953–1982). Carnie J, et al. **Br J Anaesth** 1984 Oct;56(10):1171–4

Drug safety––the role of doctors, pharmaceutical companies and the medical press. Goldberg A. **Br J Clin Pract** 1985 Jan;39(1):5–6

The plain man's guide to research. Written presentation of results. Lock S. **Br J Oral Maxillofac Surg** 1984 Oct; 22(5):363–4

Writing for publication: barriers and bridges [editorial] Weaver CG. **Bull Med Libr Assoc** 1985 Apr;73(2):213–4

An authors' code of ethics for medical editors? [editorial] Morgan PP. **Can Med Assoc J** 1985 Apr 1;132(7):731

How to get a rejected manuscript published. Morgan PP. **Can Med Assoc J** 1985 Jul 15;133(2):86–7

Originality, novelty and priority: three words to reckon with in scientific publishing [editorial] Morgan PP. **Can Med Assoc J** 1985 Jan 1;132(1):8–9

How books and journals will survive the electronic revolution [editorial] Morgan PP. **Can Med Assoc J** 1985 Feb 1;132(3):232

Infection control––a progress report. Wenzel RP, et al. **Infect Control** 1985 Jan;6(1):9–10

Analysis of page utilization and types of articles published in four major American cardiology journals in 1984. Roberts WC. **Int J Cardiol** 1985 Aug;8(4):353–60

Species of the genus Macaca (Cercopithecidea, primates) as research subjects in modern biology and medicine. Fridman EP, et al. **J Med Primatol** 1983;12(6):287–303

Fragmentation of care, Journal style [letter] Porter B. **J Pediatr** 1985 Feb;106(2):344–5

Publish or be damned! Irwin ST, et al. **Lancet** 1984 Oct 13; 2(8407):859

Confidentiality in a case–report [letter] Morgan C. **Lancet** 1985 Mar 16;1(8429):644

Disease associations: need for increased scrutiny of the literature [editorial] Ragozzino MW, et al. **Mayo Clin Proc** 1984 Oct;59(10):719–21

Airways disease [letter] Shroot AD. **Med J Aust** 1985 Aug 5;143(3):127–8

Medical news reporting: both sides of the story. Portnoy K. **Mich Med** 1985 Jan;84(1):32

Assigning publication credits. Waltz CF, et al. **Nurs Outlook** 1985 Sep–Oct;33(5):233–8

Institutional sources of articles published in 13 nursing journals, 1978–1982. Hayter J. **Nurs Res** 1984 Nov–Dec; 33(6):357–62

Product–oriented research [letter] Sanders R. **PACE** 1985 May;8(3 Pt 1):468–9

Need for increased biostatistical consultation [letter] Long KJ. **Pediatrics** 1985 Aug;76(2):325

Case reports and medical progress. Simpson RJ Jr, et al. **Perspect Biol Med** 1985 Spring;28(3):402–6

A measure to aid in the interpretation of published clinical trials. Begg CB. **Stat Med** 1985 Jan–Mar;4(1):1–9

Publication of experimental animal research: ethical aspects. **Vet Q** 1985 Apr;7(2):81-3

[Should publications be subject to arbitration? Is arbitration scientific?] Maisonneuve H. **Presse Med** 1985 Apr 20; 14(16):873-4 **(Fre)**

[The medical press in Tunisia] Ammar S. **Tunis Med** 1983 Jul-Aug;61(4):299-302 (Eng. Abstr.) **(Fre)**

[What is written, is written] Cadotte M. **Union Med Can** 1985 Mar;114(3):174 **(Fre)**

[Asian psychology journals in German libraries] Petzold M. **Arch Psychol (Frankf)** 1985;137(1):51-64 (Eng. Abstr.) **(Ger)**

[Citing and finding medical literature] Becker C, et al. **Z Arztl Fortbild (Jena)** 1984;78(20):879-82 **(Ger)**

[Use of the IUPAC style for chemical compounds in medical writing] Steingrüber S. **Z Arztl Fortbild (Jena)** 1985; 79(13):579-81 **(Ger)**

[Repetitive publication (editorial)] **Harefuah** 1984 Dec 2; 107(11):362-3 **(Heb)**

[The Biomedical Publishing House in Italy] Oliaro T. **Minerva Med** 1985 Jan 28;76(3-4):129-30 **(Ita)**

[Scientific activity in Chile. Publications registered during the period 1980-1982] Krauskopf M, et al. **Arch Biol Med Exp (Santiago)** 1983 Aug;16(1):17-27 (Eng. Abstr.) **(Spa)**

HISTORY

[Landmarks in medico-scientific publishing during the 18th and the first half of the 19th centuries] Kaiser W. **Z Gesamte Inn Med** 1985 Jun 1;40(11):351-6 **(Ger)**

[Landmarks in medico-scientific publishing in the 18th and the first half of the 19th centuries] Kaiser W. **Z Gesamte Inn Med** 1985 Jun 1;40(11):351-6 **(Ger)**

[The place of the town Nagykároly in Hungarian medical history] Szállási A. **Orv Hetil** 1985 Apr 21;126(16):977-80 **(Hun)**

[The first physician-editor in the history of Hungarian journalism: Sámuel Decsy] Szállási A. **Orv Hetil** 1985 May 5;126(18):1106-8 **(Hun)**

[N. A. Belogolovyĭ--social physician, journalist (on the 150th anniversary of his birth)] Arkhangel'skiĭ GA. **Sov Zdravookhr** 1984;(10):67-70 **(Rus)**

[Professional publications of the health service of the National Liberation Army of Yugoslavia before the publication of the periodical Vojnosanitetski Pregled] Katan E. **Vojnosanit Pregl** 1984 Sep-Oct;41(5):424-30 **(Ser)**

LEGISLATION & JURISPRUDENCE

Informed consent for research publication of patient-related data. Murray JC, et al. **Clin Res** 1984 Oct;32(4):404-8

Copyright restrictions [letter] Elwood JM. **Lancet** 1984 Dec 22;2(8417-18):1476

METHODS

Editors gamble on computers: the chips are on the table [editorial] Morgan PP. **Can Med Assoc J** 1985 Jun 1; 132(11):1249

STANDARDS

Peer review [letter] Raza A, et al. **Ann Intern Med** 1985 Sep; 103(3):470-1

Exaggerated responsiveness to thyrotrophin releasing hormone: a risk factor in women with coronary artery disease. Dean JW, et al. **Br Med J [Clin Res]** 1985 May 25;290(6481):1555-61

Anonymity in medical journals [editorial] Morgan PP. **Can Med Assoc J** 1984 Nov 1;131(9):1007-8

Getting it published [editorial] Bax M. **Dev Med Child Neurol** 1984 Dec;26(6):707-8

Case reports--desideratum or rubbish? [editorial] Pascal RR. **Hum Pathol** 1985 Aug;16(8):759

Whose rights come first? [editorial] Oldham RK. **J Biol Response Mod** 1985 Jun;4(3):211-2

The decision to publish. Ethical dilemmas. Shapiro S. **J Chronic Dis** 1985;38(4):365-72

Colors, races, languages, and diseases [letter] Negre J. **JAMA** 1985 Sep 13;254(10):1310

Righting medical writing [editorial] Strasburger VC. **JAMA** 1985 Oct 4;254(13):1789-90

Statistics in medical journals: a survey of current policies and proposals for editors. George SL. **Med Pediatr Oncol** 1985;13(2):109-12

New ways of shading truth [news] Budiansky S. **Nature** 1985 Jun 6-12;315(6019):447

[Is it necessary to publish the adverse effects of drugs? (editorial)] Lemaire F. **Presse Med** 1985 May 4;14(18):1003 **(Fre)**

[The concept of 'author'] Herranz G. **Med Clin (Barc)** 1985 Feb 23;84(7):275-6 **(Spa)**

TRENDS

Tracing the brain drain with reprint requests. Onuigbo WI. **Soc Biol** 1983 Winter;30(4):423-5

[Scientific publishing in the future] Saxén L. **Duodecim** 1985; 101(1):4-7 **(Fin)**

PUERICULTURE see CHILD CARE

PUERPERAL DISORDERS

Renal vein thrombosis following puerperal ovarian vein thrombophlebitis. Bahnson RR, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):290-1

Day-to-day mood changes after childbirth: further data. Kendell RE, et al. **Br J Psychiatry** 1984 Dec;145:620-5

Puerperal inversion of a bicornuate, unicollis uterus. A case report. Leisy MA, et al. **J Reprod Med** 1985 Jul;30(7):557-8

Late appearance of postpartum eclampsia [letter] Michaeli J. **JAMA** 1985 Aug 16;254(7):909

Chorea gravidarum and SLE [letter] Webb J. **Med J Aust** 1984 Nov 24;141(11):764

Thyroid disease in pregnancy and the postpartum period. Davies TF, et al. **Mt Sinai J Med (NY)** 1985 Jan;52(1):59-77 (133 ref.)

Puerperal ovarian vein thrombophlebitis. Tang LC, et al. **Postgrad Med J** 1985 Feb;61(712):179-80

[Peripartum cardiomyopathy] He XW. **Chung Hua Nei Ko Tsa Chih** 1984 Jul;23(7):448-9 **(Chi)**

BLOOD

Postpartum mental disturbances and hormone changes [editorial] Swyer GI. **Br Med J [Clin Res]** 1985 Apr 27; 290(6477):1232-3

[Postpregnancy psychoses in Kinshasa. Various clinical and hormonal aspects] Mampunza M, et al. **Acta Psychiatr Belg** 1984 May-Jun;84(3):284-93 (Eng. Abstr.) **(Fre)**

[Puerperal complications in HbSC disease--a rare hemoglobinopathy] Koll R. **Geburtshilfe Frauenheilkd** 1985 Mar;45(3):186-7 (Eng. Abstr.) **(Ger)**

[Measurement of calcium and phosphorus levels during pregnancy and the puerperium] Kunhardt Rasch J, et al. **Ginecol Obstet Mex** 1984 Nov;52(331):267-70 (Eng. Abstr.) **(Spa)**

CHEMICALLY INDUCED

Large bowel infarction and ergometrine: a possible relationship. Sheehan SJ, et al. **Ir J Med Sci** 1985 May; 154(5):201-2

[Postpartum pseudomembranous colitis] Steudel HC, et al. **Internist (Berlin)** 1984 Dec;25(12):752-5 **(Ger)**

COMPLICATIONS

Postpartum thyroiditis: a common cause of thyrotoxicosis and/or hypothyroidism after pregnancy. Reith PE, et al. **Nebr Med J** 1984 Nov;69(11):356-9

Post partum presentation of hypercalcaemic sarcoidosis. Wilson-Holt N. **Postgrad Med J** 1985 Jul;61(717):627-8

DIAGNOSIS

Depressed mood during pregnancy and the puerperium: clinical recognition and implications for clinical practice. Saks BR, et al. **Am J Psychiatry** 1985 Jun;142(6):728-31

The dexamethasone suppression test in the puerperium. Greenwood J, et al. **Aust NZ J Psychiatry** 1984 Sep; 18(3):282-4

On the nosology of severe psychiatric post-partum disorders. Results of a catamnestic investigation. Schöpf J, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(1):54-63

Ganser's syndrome. Agnihotri SS, et al. **J Assoc Physicians India** 1984 Sep;32(9):838-9

A case of Capgras delusion presenting as a postpartum psychosis. De Leo D, et al. **J Clin Psychiatry** 1985 Jun; 46(6):242-3

Postpartum psychosis as a discrete entity. Munoz RA. **J Clin Psychiatry** 1985 May;46(5):182-4

The role of childbirth on the natural history of occult spinal dysraphism [letter] De Keyser J, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):721-2

Puerperal psychiatric illness. Kua EH, et al. **Singapore Med J** 1983 Dec;24(6):357-9

[Rupture of an ovarian cyst during the puerperium--its diagnosis and management] Katsulov A, et al. **Akush Ginekol (Sofiia)** 1985;24(2):77-9 (Eng. Abstr.) **(Bul)**

[Is lactation psychosis a symptomatic schizoform psychosis or is it a schizophrenia evoked by breast feeding?] Gazárek F. **Cesk Gynekol** 1985 Mar;50(2):150-2 **(Cze)**

[Hypoglycorrhachia and postpartum aseptic cerebral thrombophlebitis with meningeal hemorrhage] Delattre JY, et al. **Rev Neurol (Paris)** 1985;141(1):58-60 (Eng. Abstr.) **(Fre)**

[Malaria relapse in the puerperium] Harms E, et al. **Geburtshilfe Frauenheilkd** 1984 Nov;44(11):749-51 (Eng. Abstr.) **(Ger)**

[Peripartum hypertensive crisis and multi-organ failure in a 24-year-old patient] Zähringer J, et al. **Internist (Berlin)** 1985 Mar;26(3):177-80 **(Ger)**

[Peripartum cardiomyopathy--a case report] Wittels P, et al. **Z Kardiol** 1985 Jul;74(7):415-8 (Eng. Abstr.) **(Ger)**

[Differential diagnosis of uterus myomatosus in young patients] Rummler S. **Zentralbl Gynakol** 1985;107(12):752-5 (Eng. Abstr.) **(Ger)**

[Hyperplastic endometrial processes in patients with postpartum obesity and disordered menstrual function] Uliatovskaia LN. **Akush Ginekol (Mosk)** 1985 Mar;(3):46-8 (Eng. Abstr.) **(Rus)**

[Importance of the early detection of injuries of the symphysis] Cersky O. **Med Pregl** 1984;37(7-8):319-21 (Eng. Abstr.) **(Ser)**

DRUG THERAPY

Management of acute and subacute puerperal uterine inversion with terbutaline sulfate. Kovacs BW, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):784-6

The effect of serotonergic blockade in postpartum preeclamptic patients. Montenegro R, et al. **Am J Obstet Gynecol** 1985 Sep 15;153(2):130-4

Anticoagulants and cerebral venous thrombosis. Halpern JP, et al. **Aust NZ J Med** 1984 Oct;14(5):643-8

DDAVP in a non-haemophiliac patient with an acquired factor VIII inhibitor [letter] Vincente V, et al. **Br J Haematol** 1985 Jul;60(3):585-6

Non-Hodgkin's lymphoma associated with pregnancy. A report of six cases, with a review of the literature. Steiner-Salz D, et al. **Cancer** 1985 Oct 15;56(8):2087-91

Effective treatment of post-partum hypotension with dimetophrine: a placebo-controlled, double-blind trial. Marsoni V. **Curr Med Res Opin** 1985;9(8):578-85

Management of puerperal separation of the symphysis pubis. Schwartz Z, et al. **Int J Gynaecol Obstet** 1985 Apr; 23(2):125-8

A double-blind randomized study of an aspirin/caffeine combination versus acetaminophen/aspirin combination versus acetaminophen versus placebo in patients with moderate to severe post-partum pain. Rubin A, et al. **J Int Med Res** 1984;12(6):338-45

ETIOLOGY

Severe hypoglycemia associated with HELLP syndrome. Egley CC, et al. **Am J Obstet Gynecol** 1985 Jul 1; 152(5):576-7

Cervical surgical emphysema following extradural analgesia. Carter MI. **Anaesthesia** 1984 Nov;39(11):1115-6

Hypercalcemia in the etiology of puerperal psychosis. Riley DM, et al. **Biol Psychiatry** 1985 May;20(5):479-88

The perinatal database: content and collection. Cowan DB, et al. **Br J Hosp Med** 1985 Jul;34(1):37-41

Mood changes after child birth [letter] Wilson KC. **Br J Psychiatry** 1985 Feb;146:215-6

Bilateral postpartum femoral neuropathy. Donaldson JO, et al. **Conn Med** 1985 Aug;49(8):496-8

Emotional and physical factors in the genesis of puerperal mental disorders. Kendell RE. **J Psychosom Res** 1985; 29(1):3-11 (42 ref.)

Pre-eclampsia and post-partum migraine [letter] Stein G. **Lancet** 1984 Oct 13;2(8407):871

Current concepts. Postpartum renal failure. Hayslett JP. **N Engl J Med** 1985 Jun 13;312(24):1556-9 (41 ref.)

Postpartum cervical myofascial pain syndrome: review of four patients. Hubbell SL, et al. **Obstet Gynecol** 1985 Mar; 65(3 Suppl):56S-57S

Obstetric risks in obesity. An analysis of the literature. Ruge S, et al. **Obstet Gynecol Surv** 1985 Feb;40(2):57-60 (33 ref.)

Postpartum thyroid dysfunction. Jansson R, et al. **Scand J Clin Lab Invest** 1984 Sep;44(5):371-5

[Cesarean section preceding the 34th week of amenorrhea: maternal and fetal repercussions at the western university hospitals. Regional survey or 383 cesarean sections and 436 newborn infants out of 86,116 births in 5 years] Berger C, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984; 13(4):463-72 (Eng. Abstr.) **(Fre)**

[Postpartum definitive hypothyroidism. 7 cases] Houdent C, et al. **Presse Med** 1985 Feb 9;14(5):257-61 (Eng. Abstr.) **(Fre)**

[Ogilvie's syndrome following cesarean section. Apropos of a case] Gétin Y, et al. **Rev Fr Gynecol Obstet** 1984 Jul-Sep; 79(7-9):525-30 (Eng. Abstr.) **(Fre)**

[Postpartum hemophilia A with factor VIII inhibitor] Neidhardt B, et al. **Dtsch Med Wochenschr** 1985 May 17; 110(20):799-802 (Eng. Abstr.) **(Ger)**

[Genesis and therapy of postpartum carpal tunnel syndrome] Gerhardt S. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Dec;36(12):733-6 (Eng. Abstr.) **(Ger)**

[Spontaneous perforation of the small intestine following cesarean section] Sittner S, et al. **Zentralbl Gynakol** 1985; 107(5):313-6 (Eng. Abstr.) **(Ger)**

[Studies on the symptoms of EPH-gestosis patients one month after delivery] Kohno H, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jun;37(6):930-4 (Eng. Abstr.) **(Jpn)**

[Paradoxical embolism] Voronov AA, et al. **Vestn Khir** 1984 Aug;133(8):67-8 **(Rus)**

IMMUNOLOGY

Influence of the HLA-DR4 antigen and iodine status on the development of autoimmune postpartum thyroiditis. Jansson R, et al. **J Clin Endocrinol Metab** 1985 Jan; 60(1):168-73

[Autoimmune postpartum thyroiditis] Jansson R, et al. **Nord Med** 1985;100(3):81-3 (Eng. Abstr.) **(Swe)**

METABOLISM

Central opioid receptor activity in patients affected by puerperal, idiopathic and tumoral hyperprolactinemia. De Leo V, et al. **Gynecol Obstet Invest** 1985;19(3):160-5

[Changes in urinary levels of MHPG, VMA and 5-HIAA and plasma tryptophan in post-partum blues. Initial results] Garnier JP, et al. **Encephale** 1985 Jan-Feb;11(1):35-7 (Eng.

Abstr.) **(Fre)**

[Obstetric acute fatty liver] Bianchi R, et al. **Rev Chil Obstet Ginecol** 1983;48(2):108–15 (Eng. Abstr.) **(Spa)**

NURSING

Postpartum disorders. Mother–infant bonding on a psychiatric unit. Hurt LD, et al. **J Psychosoc Nurs Ment Health Serv** 1985 Feb;23(2):15–20

OCCURRENCE

Post–partum mental illness in northern Nigeria. Ifabumuyi OI, et al. **Acta Psychiatr Scand** 1985 Jul;72(1):63–8

Antenatal therapy with corticosteroids and postpartum complications. Curet LB, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):83–4

[Postpartum uterine inertia. Analysis of 50 cases] Trejo Ramírez CA, et al. **Ginecol Obstet Mex** 1983 Jan; 51(309):13–7 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Granulocyte aggregation in adult respiratory distress syndrome (ARDS)—serial histologic and physiologic observations. Elliott CG, et al. **Am J Med Sci** 1985 Feb; 289(2):70–4

Wegener's granulomatosis: onset during puerperium [letter] Mackworth–Young CG, et al. **Arthritis Rheum** 1984 Nov; 27(11):1314–5

Fatal post–partum pulmonary vasculitis in systemic lupus erythematosus. Hubscher O, et al. **Clin Rheumatol** 1984 Dec;3(4):547–50

Peripartum cardiomyopathy: report of a case. Dalton LS. **J Am Osteopath Assoc** 1984 Dec;84(4):351–3

Postpartum pulmonary embolism [clinical conference] Enders G, et al. **J Fam Pract** 1985 Apr;20(4):349, 351–2, 354–5 passim

Maternal death secondary to a dissecting aneurysm of the pulmonary artery. Hankins GD, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):45S–48S

Twenty–seven year old postpartum gravida IV para IV with hypotension and chest pain [clinical conference] Johnson KM, et al. **SD J Med** 1984 Sep;37(9):17–22

[Postpartum bilateral ovarian vein thrombosis and its complications] Stömmer P, et al. **Z Geburtshilfe Perinatol** 1985 Mar–Apr;189(2):84–7 (Eng. Abstr.) **(Ger)**

[Hemorrhagic pancreatic necrosis in the early puerperal period] Krivitskiĭ DI, et al. **Klin Khir** 1984 Nov;(11):60 **(Rus)**

[Loss of hair after childbirth] Martinović N, et al. **Srp Arh Celok Lek** 1984 Sep;112(9):903–8 (Eng. Abstr.) **(Scc)**

PHYSIOPATHOLOGY

Acute myocardial infarction in a thirty–six year old postpartum female. Bornstein A, et al. **Angiology** 1984 Sep; 35(9):591–4

Peripartum cardiomyopathy. Homans DC. **N Engl J Med** 1985 May 30;312(22):1432–7 (94 ref.)

[Importance of hyperphosphatemia in the development of experimental and spontaneous mediocalcinosis (postreproductive arteriopathy)] Záhoř Z, et al. **Sb Lek** 1984 Jul;86(7):202–8 (Eng. Abstr.) **(Cze)**

[Chronic paroxysmal hemicrania as a postpartum headache syndrome (letter)] Möller A, et al. **Geburtshilfe Frauenheilkd** 1985 Jul;45(7):497 **(Ger)**

PREVENTION & CONTROL

Professional and non–professional intervention for highly anxious primiparous mothers. Barnett B, et al. **Br J Psychiatry** 1985 Mar;146:287–93

[Prevention of puerperal psychoses] Simon R, et al. **Rev Paul Med** 1984 Jul–Aug;102(4):151–4 (Eng. Abstr.) **(Por)**

[Prevention and treatment of hemorrhoids in pregnant women and puerperants] Mun NV. **Khirurgiia (Mosk)** 1985 Feb;(2):67–72 (Eng. Abstr.) **(Rus)**

PSYCHOLOGY

A follow–up study of post partum illness, 1946–1978. Davidson J, et al. **Acta Psychiatr Scand** 1985 May; 71(5):451–7

Offspring of women with nonorganic psychosis: mother–infant interaction at three and six weeks of age. Näslund B, et al. **Acta Psychiatr Scand** 1985 May; 71(5):441–50

Offspring of women with nonorganic psychosis: mother–infant interaction at three days of age. Persson–Blennow I, et al. **Acta Psychiatr Scand** 1984 Aug; 70(2):149–59

Postnatal depression and child development. A three–year follow–up study. Wrate RM, et al. **Br J Psychiatry** 1985 Jun;146:622–7

Post–abortion and post–partum psychiatric hospitalization. David HP. **Ciba Found Symp** 1985;115:150–64

Maternal concerns—a concern of family physicians? [editorial] Christie RJ, et al. **Fam Pract** 1984 Dec; 1(4):199–201

Social support and stress in the transition to parenthood. Cutrona CE. **J Abnorm Psychol** 1984 Nov;93(4):378–90

Psychometric ante–natal predictors of post–natal depressed mood. Bridge LR, et al. **J Psychosom Res** 1985;29(3):325–31

Accuracy of remembering postdelivery pain. Rofé Y, et al. **Percept Mot Skills** 1985 Feb;60(1):99–105

[Psychopathology and prognosis of puerperal psychoses] Lammel M. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Jun;36(6):340–6 (Eng. Abstr.) **(Ger)**

[Postpartum blues syndrome] Nogami Y, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1279–82 **(Jpn)**

[Psychological characteristics of women with postpartum hypothalamic disorder] Motyka M. **Folia Med Cracov** 1984; 25(1–2):87–96 **(Pol)**

RADIOGRAPHY

Postpartum renal vein thrombosis. Rubens D, et al. **Urol Radiol** 1985;7(2):80–4

THERAPY

Primary management of postpartum vulvovaginal hematomas by angiographic embolization. Heffner LJ, et al. **Am J Perinatol** 1985 Jul;2(3):204–7

Acute puerperal uterine inversion: report of a case and review of management. Townsend HH 3d. **J Am Osteopath Assoc** 1984 Nov;84(3):282–4

Conservative treatment of liver hematoma in the postpartum period. A report of two cases. Goodlin RC, et al. **J Reprod Med** 1985 Apr;30(4):368–70

Severe preeclampsia with persistent postpartum hemolysis and thrombocytopenia treated by plasmapheresis. Schwartz ML, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):53S–55S

Acute puerperal uterine inversion. A case report and review of the literature. Anthony J, et al. **S Afr Med J** 1984 Nov 10;66(19):738–9

[A case of a well-tolerated spontaneous post partum uterine inversion] Delarue T, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(5):569–71 (Eng. Abstr.) **(Fre)**

[Acute fatty liver in pregnancy—treatment of hemorrhagic diathesis] Haapanen E, et al. **Z Geburtshilfe Perinatol** 1985 Jan–Feb;189(1):22–4 (Eng. Abstr.) **(Ger)**

[Acupuncture in cases of insufficient uterine involution and endometritis in the puerperium] Vorontsova GM, et al. **Akush Ginekol (Mosk)** 1984 Aug;(8):44–6 **(Rus)**

[Treatment of hemorrhoids in parturients] Mun NV. **Sov Med** 1984;(10):103–6 **(Rus)**

URINE

Vasopressin and mood during the puerperium. Stein G, et al. **Biol Psychiatry** 1984 Dec;19(12):1711–7

VETERINARY

Calcium effects on renal conservation of magnesium in cows. Halse K. **Acta Vet Scand** 1984;25(2):213–28

A case of 'reversed cannibalism': the piglets damaging the sow. Ladewig J, et al. **Ann Rech Vet** 1984;15(2):275–7

Postpartum atony of the small and large intestine in a Holstein cow: a case of pseudo–obstruction. Baker JS, et al. **Cornell Vet** 1985 Apr;75(2):289–96

Hepatic–lipidosis in a post parturient mare. Murray M. **Equine Vet J** 1985 Jan;17(1):68–9

Anemia and renal failure in a giant panda. Bush M, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1435–7

Inositol as a lipotropic agent in dairy cattle diets. Gerloff BJ, et al. **J Anim Sci** 1984 Sep;59(3):806–12

Glucagon, insulin, growth hormone, and some blood metabolites during energy restriction ketonemia of lactating cows. de Boer G, et al. **J Dairy Sci** 1985 Feb;68(2):326–37

Nutritional chloride deficiency in early lactation Holstein cows. Fettman MJ, et al. **J Dairy Sci** 1984 Oct; 67(10):2321–35

Effect of supplemental beta–carotene on incidence and responsiveness of ovarian cysts to hormone treatment. Marcek JM, et al. **J Dairy Sci** 1985 Jan;68(1):71–7

Relationship between serum total cholesterol levels before calving and occurrence rate of diseases after calving in Holstein heifers and cows. Kweon OK, et al. **Jpn J Vet Res** 1985 Apr;33(1–2):11–7

Propionate loading test for liver function in spontaneously ketotic dairy cows. Gröhn Y. **Res Vet Sci** 1985 Jul; 39(1):24–8

Relationship between overfeeding, metritis and ketosis in high yielding dairy cows. Markusfeld O. **Vet Rec** 1985 May 4;116(18):489–91

Concentrations of blood and milk ketone bodies, blood isopropanol and plasma glucose in dairy cows in relation to the degree of hyperketonaemia and clinical signs. Andersson L. **Zentralbl Veterinarmed [A]** 1984 Oct; 31(9):683–93

ALAT, AP, ASAT, GGT, OCT activities and urea and total bilirubin concentrations in plasma of normal and ketotic dairy cows. Kauppinen K. **Zentralbl Veterinarmed [A]** 1984 Sep;31(8):567–76

[Efficacy of the preparation Phospho–jet in the treatment of puerperal hemoglobinuria in dairy cows in Greece] Karatzias H. **DTW** 1985 Mar 8;92(3):92–3 (Eng. Abstr.) **(Ger)**

[Prevention of mastitis–metritis–agalactia in sows of problem herds] Koch W. **Schweiz Arch Tierheilkd** 1985 Apr; 127(4):273–7 (Eng. Abstr.) **(Ger)**

[Puerperal disease control in sows] Varadin M, et al. **Schweiz Arch Tierheilkd** 1984 Oct;126(10):511–20 (Eng. Abstr.) **(Ger)**

PUERPERAL INFECTION

Complications of amoebiasis in pregnancy and puerperium. Wig JD, et al. **Indian J Gastroenterol** 1984 Jan;3(1):37–8

Relapsing toxic shock syndrome in the puerperium [letter] Tweardy DJ. **JAMA** 1985 Jun 14;253(22):3249–50

[A new look at obstetrical infections] Koleta F. **Cesk Gynekol** 1984 Sep;49(8):574–84 (117 ref.) **(Cze)**

[Symphisitis abscendens metastatica as an uncommon complication in the puerperium] Košt'al M, et al. **Cesk Gynekol** 1984 Nov;49(9):663–4 **(Cze)**

BLOOD

[Fundamental and clinical studies on latamoxef in the perinatal period] Takase Z, et al. **Jpn J Antibiot** 1984 Jun; 37(6):991–1005 (Eng. Abstr.) **(Jpn)**

[Enzymatic status of leukocytes in the normal puerperal period and puerperal periods complicated by infection] Feĭzulla MF, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):34–6 (Eng. Abstr.) **(Rus)**

[Prognostic significance of protein metabolism indices in pregnant women at high risk for the development of puerperal infectious complications] Kulikova NN, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):27–30 (Eng. Abstr.) **(Rus)**

[Informative value of the NBT test in the early diagnosis of infectious–inflammatory complications of cesarean section] Vlasova LI, et al. **Akush Ginekol (Mosk)** 1984 Sep; (9):31–4 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

[Pyogenic sacroiliitis. Case report and review of a rare complication in the puerperium] Biedermann K, et al. **Gynakol Rundsch** 1984;24(3):145–52 **(Ger)**

[Subphrenic, suprahepatic and interintestinal abscesses after cesarean section diagnosed by ultrasonography] Malinowski JE, et al. **Ginekol Pol** 1985 Jan;56(1):13–6 (Eng. Abstr.) **(Pol)**

[Integral indicators in the diagnosis and prognosis of infection] Bilibin AF, et al. **Sov Med** 1984;(7):39–42 (Eng. Abstr.) **(Rus)**

[2 cases of gonorrhea in the puerperal period] Semikletova AIu. **Vestn Dermatol Venerol** 1984 Sep;(9):67–8 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Piperacillin versus clindamycin plus gentamicin for pelvic infections. Gilstrap LC 3d, et al. **Obstet Gynecol** 1984 Dec; 64(6):762–6

[Treatment of the complications of an anaerobic infection in obstetrics and gynecology using metronidazole (Flagyl)] Atanasov A, et al. **Akush Ginekol (Sofiia)** 1984;23(4):334–7 (Eng. Abstr.) **(Bul)**

[Clinical studies on ceftriaxone in the field of obstetrics and gynecology] Murakami M, et al. **Jpn J Antibiot** 1985 Jan; 38(1):13–7 (Eng. Abstr.) **(Jpn)**

[Metranidazole and breast feeding. Should a mother breast–feed her child while under metranidazole therapy for puerperal infections?] Matheson I. **Tidsskr Nor Laegeforen** 1984 Sep 10;104(25):1745 **(Nor)**

[Principles of antibiotic therapy of postpartum infectious diseases] Kulakov VI, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):37–40 (Eng. Abstr.) **(Rus)**

[Efficacy of using thymalin in different types of peritonitis in obstetrical practice] Kuznik BI, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):50–2 (Eng. Abstr.) **(Rus)**

[Use of bromocriptine in pathologic lactation and mastitis] Peters F, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):46–8 **(Rus)**

[Pharmacokinetics of ampicillin and cephalosporin in the bodies of pregnant women and parturients] Shekhtman MM, et al. **Akush Ginekol (Mosk)** 1985 Jan;(1):9–11 (42 ref.) **(Rus)**

ETIOLOGY

Asymptomatic parturient women with high–virulence bacteria in the amniotic fluid. Gibbs RS, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):650–4

Septic pelvic thrombophlebitis as an enigmatic cause of persistent puerperal fever course of disease diagnosis and treatment. Zakut H, et al. **Clin Exp Obstet Gynecol** 1984; 11(4):133–5

Post–partum streptococcal meningitis and septicaemia [letter] Quinney RA, et al. **NZ Med J** 1984 Oct 10;97(765):702–3

Bacterial vaginosis during pregnancy. An association with prematurity and postpartum complications. Eschenbach DA, et al. **Scand J Urol Nephrol [Suppl]** 1984;86:213–22

[Cystic dystrophy of the urinary excretory mucosa. An unusual cause of recurring urinary tract infection in pregnancy] Poizat R, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(3):347–50 (Eng. Abstr.) **(Fre)**

[Maternal consequences of infection during and after labor] Frobert JL. **Rev Fr Gynecol Obstet** 1984 Jun;79(6):488–92 **(Fre)**

[Value of so–called risk factors in abdominal cesarean section]

Hofmann P, et al. **Fortschr Med** 1985 Mar 28;103(12):321–4 (Eng. Abstr.) **(Ger)**

[Cesarean section and risk of infection] Hochuli E, et al. **Geburtshilfe Frauenheilkd** 1984 Dec;44(12):767–71 (Eng. Abstr.) **(Ger)**

[Complications of labor, puerperium and the neonatal period associated with amnioscopy] Malinowski W, et al. **Ginekol Pol** 1984 Aug;55(8):595–601 (Eng. Abstr.) **(Pol)**

[Pyelonephritis in parturients] Emel'ianova AI. **Akush Ginekol (Mosk)** 1985 May;(5):70–4 **(Rus)**

[Uterine microflora in parturients after pathological hemorrhage during labor] Zhuchenko OG, et al. **Akush Ginekol (Mosk)** 1985 Jan;(1):38–40 (Eng. Abstr.) **(Rus)**

[Puerperal endometritis, sepsis and meningitis caused by Streptococcus pneumoniae (letter)] Vallés J, et al. **Med Clin (Barc)** 1985 Feb 23;84(7):293 **(Spa)**

HISTORY

Ignaz Semmelweis, Carl Mayrhofer, and the rise of germ theory. Carter KC. **Med Hist** 1985 Jan;29(1):33–53

IMMUNOLOGY

Effect of dietary vitamin A on resistance to experimental Staphylococcus mastitis in mice. Chew BP, et al. **J Dairy Sci** 1984 Nov;67(11):2566–70

MICROBIOLOGY

Chlamydia trachomatis isolation in patients with endometritis after cesarean section. Blanco JD, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):278–9

[Amine colpitis, not only an esthetic problem: increased infection risk in labor] Petersen EE, et al. **Geburtshilfe Frauenheilkd** 1985 Jan;45(1):43–7 (Eng. Abstr.) **(Ger)**

[Mycoplasma causing puerperal fever] Mikola I, et al. **Orv Hetil** 1985 Jan 20;126(3):159–60 (Eng. Abstr.) **(Hun)**

OCCURRENCE

An epidemic of 'childbed fever'. McGregor J, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):385–8

Wound infection after caesarean section. Moir-Bussy BR, et al. **J Hosp Infect** 1984 Dec;5(4):359–70

[Preclinical diagnosis and prevention of suppurative-inflammatory diseases of the mother and newborn infant] Bakuleva LP, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):24–7 (Eng. Abstr.) **(Rus)**

[Identification of factors predisposing to the development of acute puerperal mastitis] Storozhuk VT, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):44–5 (Eng. Abstr.) **(Rus)**

[Findings from our clinico-epidemiologic survey for the prevention of nosocomial infections] Bárdoš A. **Bratisl Lek Listy** 1984 Jul;82(1):784–93 (Eng. Abstr.) **(Slo)**

PATHOLOGY

[Non-puerperal mastitis. Etiology, clinical aspects and therapy] Peters F, et al. **Dtsch Med Wochenschr** 1985 Jan 18;110(3):97–104 (Eng. Abstr.) **(Ger)**

PREVENTION & CONTROL

Comparison of moxalactam and cefazolin as prophylactic antibiotics during cesarean section. Rayburn W, et al. **Antimicrob Agents Chemother** 1985 Mar;27(3):337–9

Single-dose antibiotic prophylaxis in high-risk patients undergoing cesarean section. Saltzman DH, et al. **Obstet Gynecol** 1985 May;65(5):655–7

[Puerperal urinary tract infections: role of epidural analgesia, a scheme for prevention] Aymon D, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(3):351–8 (Eng. Abstr.) **(Fre)**

[Perioperative short-term prevention of puerperal infections following cesarean section with metronidazole] Gummerus M. **Geburtshilfe Frauenheilkd** 1984 Sep;44(9):570–2 (Eng. Abstr.) **(Ger)**

[Severe infections in pregnancy and the puerperium--prevention and therapy] Wilken H. **Zentralbl Chir** 1985;110(11):649–55 (Eng. Abstr.) **(Ger)**

[Postoperative infections in gynecologic surgery and cesarean section. Effects of the prophylactic use of antibiotics] Gonzalez P, et al. **Rev Chil Obstet Ginecol** 1984; 49(3):199–205 (Eng. Abstr.) **(Spa)**

URINE

[Asymptomatic bacteriuria and the course of the postoperative period] Kulikova NN, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):22–3 (Eng. Abstr.) **(Rus)**

VETERINARY

Therapeutic strategies involving antimicrobial treatment of the uterus in large animals. Gustafsson BK. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1194–8 (37 ref.)

Effect of intramammary device on new infection rate, milk yield, and milk somatic cell counts in maryland dairy herds. Corlett NJ, et al. **J Dairy Sci** 1984 Nov;67(11):2571–9

Peripartum changes of plasma and milk vitamin A and beta-carotene among dairy cows with or without mastitis. Johnston LA, et al. **J Dairy Sci** 1984 Aug;67(8):1832–40

Parturition as a stimulus of IBR virus reactivation [letter] Thiry E, et al. **Vet Rec** 1985 Jun 1;116(22):599–600

[Migration and distribution of Toxocara canis Werner 1782 (Anisakidae) larvae in the definitive host (beagle) following primary infection and reinfection] Zimmermann U, et al. **Zentralbl Veterinarmed [B]** 1985 Jan;32(1):1–28 (Eng. Abstr.) **(Ger)**

PUERPERIUM

The adrenergic innervation of the guinea pig ovary during prenatal and postnatal periods. Burden HW, et al. **Acta Anat (Basel)** 1985;122(3):193–6

Correlation between number of placental detachments and amount of postpartum uterine involution in mice. Shimizu K, et al. **Acta Anat (Basel)** 1985;122(2):87–90

Naloxone effect on FSH response to LRH in early puerperium. Messinis I, et al. **Acta Endocrinol [Suppl] (Copenh)** 1984;265:36–7

Sexuality during and after pregnancy. Ryding EL. **Acta Obstet Gynecol Scand** 1984;63(8):679–82

Effect of periparturient lipid mobilization on serum total carotene and vitamin A concentrations in cattle. Haraszti J, et al. **Acta Vet Hung** 1984;32(3–4):193–203

Postpartum reproductive performance in dairy cows. I: Influence of animal, breed and parity. Larsson K, et al. **Acta Vet Scand** 1984;25(3):445–61

Psychological implications of recent developments in peripartum care. Stotland NL. **Adv Psychosom Med** 1985; 12:91–104

Test-retest reliability of diet and drinking estimates for pregnancy and post partum. Little RE, et al. **Am J Epidemiol** 1984 Nov;120(5):794–7

Asymptomatic long-standing idiopathic hypoparathyroidism discovered following delivery of a healthy infant. Tordjman K, et al. **Am J Med** 1985 May;78(5):853–6

Early postpartum discharge. Jansson P. **Am J Nurs** 1985 May; 85(5):547–50

Aminoglycoside dosing in obese puerperal women. Gibbs RS, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):89–90

Plasma beta-endorphin concentrations prior to and during pregnancy, in labor, and after delivery. Hoffman DI, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):492–6

C-reactive protein in pregnancy and in the postpartum period. Romem Y, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):380–3

6-Keto prostaglandin F1 alpha, thromboxane B2, and 13,14-dihydro-15-keto prostaglandin F concentrations of normotensive and preeclamptic patients during pregnancy, delivery, and the postpartum period. Yamaguchi M, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):121–7

Post-cesarean section insertion of intrauterine devices. Chi IC, et al. **Am J Public Health** 1984 Nov;74(11):1281–2

Venous blood pressure relative to the development of bovine udder edema. Vestweber JG, et al. **Am J Vet Res** 1985 Jan;46(1):157–9

Correlation of noninvasive surface temperature measurement with rectal temperature in swine. Zinn KR, et al. **Am J Vet Res** 1985 Jun;46(6):1372–4

Postpartum regeneration of the guinea pig endometrium: relationship to serum estradiol and progesterone concentrations. Garris DR. **Anat Rec** 1984 Sep;210(1):41–4

Postpartum perioperative risk of aspiration pneumonia. James CF, et al. **Anesthesiology** 1984 Dec;61(6):756–9

Activity of multiple sclerosis during pregnancy and puerperium [letter] Poser S, et al. **Ann Neurol** 1985 Jul; 18(1):101

Vitamin status during puerperium and lactation. Dostálová L. **Ann Nutr Metab** 1984;28(6):385–408

Herpes gestationis. Persistent disease activity 11 years post partum. Fine JD, et al. **Arch Dermatol** 1985 Jul;121(7):924–6

Clinical significance of antithrombin III, plasminogen and alpha 2-plasmin inhibitor in perinatal period. Fuse Y, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):121–5

Postpartum preovulatory surge of gonadotropin secretion in the rat may be initiated by the labor process. Fox SR, et al. **Biol Reprod** 1984 Nov;31(4):619–26

Effect of suckling and ovariectomy on the control of luteinizing hormone secretion during the postpartum period in beef cows. Garcia-Winder M, et al. **Biol Reprod** 1984 Nov;31(4):771–8

Relationship of 15-keto-13,14-dihydro-prostaglandin F2 alpha concentrations in peripheral plasma with local uterine production of F series prostaglandins and changes in uterine blood flow during the early postpartum period of cattle. Guilbault LA, et al. **Biol Reprod** 1984 Dec;31(5):870–8

Source of F series prostaglandins during the early postpartum period in cattle. Guilbault LA, et al. **Biol Reprod** 1984 Dec; 31(5):879–87

Effect of suckling on the hypothalamic-pituitary axis in postpartum beef cows, independent of ovarian secretions. Hinshelwood MM, et al. **Biol Reprod** 1985 Mar; 32(2):290–300

Fibrinogen and its fraction during pregnancy and puerperium. Nakamura Y, et al. **Biol Res Pregnancy Perinatol** 1984;5(3):110–2

Immunoreactive prostacyclin and thromboxane metabolites in normal pregnancy and the puerperium. Greer IA, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):581–5

Domperidone: secretion in breast milk and effect on puerperal prolactin levels. Hofmeyr GJ, et al. **Br J Obstet Gynaecol** 1985 Feb;92(2):141–4

Drugs taken by mothers in the puerperium [letter] Matheson I. **Br Med J [Clin Res]** 1985 May 25;290(6481):1588–9

Drugs taken by mothers in the puerperium: inpatient survey in Northern Ireland. Passmore CM, et al. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1593–6

Maternity early discharge in a local health authority. McIntosh ID, et al. **Can J Public Health** 1984 Nov-Dec; 75(6):445–9

Use of early postpartum care in the home. Stewart PJ, et al. **Can J Public Health** 1985 May-Jun;76(3):206–7

Bridging the gap between hospital and home. Brucker MC, et al. **Child Today** 1985 Jul-Aug;14(4):19–22

Discordant gallium-67 and indium-111 leukocyte images in a suspected pelvic abscess. Intenzo C, et al. **Clin Nucl Med** 1984 Nov;9(11):654

Postpartum evaluation of renal function. Jaffe DJ. **Clin Obstet Gynecol** 1985 Jun;28(2):298–309

Perinatal coaching: program development. Bristor MW, et al. **Clin Perinatol** 1985 Jun;12(2):367–80

Plasma concentrations of carbamazepine and carbamazepine 10,11-epoxide during pregnancy and after delivery. Battino D, et al. **Clin Pharmacokinet** 1985 May-Jun;10(3):279–84

Late infertile days in early postpartum cycles. Hatherley LI. **Clin Reprod Fertil** 1985 Mar;3(1):73–80

Insertion technique, not design, affects expulsion rates of postpartum intrauterine device. Stumpf PG, et al. **Contraception** 1984 Oct;30(4):327–30

Immediate post-placental IUD insertion: the expulsion problem. Thiery M, et al. **Contraception** 1985 Apr; 31(4):331–49

Gestational diabetes mellitus. Correlations between the phenotypic and genotypic characteristics of the mother and abnormal glucose tolerance during the first year postpartum. Metzger BE, et al. **Diabetes** 1985 Jun;34 Suppl 2:111–5

Leucocyte counts during pregnancy and the puerperium and at birth in Nigerians. Fleming AF, et al. **East Afr Med J** 1985 Mar;62(3):175–84

Factor VIII-related antigen levels in normal pregnancy and puerperium. Chan SY, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Apr;19(4):199–204

Effect of zinc nutrition on parturition and postpartum in the rat. Durá Travé T, et al. **Gynecol Obstet Invest** 1984; 18(5):275–80

Puerperal ultrasonic hysterography. Land JA, et al. **Gynecol Obstet Invest** 1984;18(3):165–8

Retardation in gonadotropin-secreting function of the pituitary during the early puerperium in women with postpartum hemorrhage but without circulatory collapse. Morishita H, et al. **Gynecol Obstet Invest** 1985;19(1):11–6

Erythrocyte filterability and adenosine triphosphate levels in normal pregnancy and puerperium. Kaibara M, et al. **Int J Microcirc Clin Exp** 1985;4(1):55–62

Peripartum cardiomyopathy. Knobel B, et al. **Isr J Med Sci** 1984 Nov;20(11):1061–3

Mother-child relationship--FIRST score. Salariya EM, et al. **J Adv Nurs** 1984 Nov;9(6):589–95

Reproductive performance of Holstein cows administered GnRH analog HOE 766 (Buserelin) 26 to 34 days postpartum. Cavestany D, et al. **J Anim Sci** 1985 Jul; 61(1):224–33

Environmental influences on the postpartum animal. Christenson RK. **J Anim Sci** 1980;51 Suppl 2:53–67 (154 ref.)

Nutrition and the postpartum interval of the ewe, sow and cow. Dunn TG, et al. **J Anim Sci** 1980;51 Suppl 2:29–39 (62 ref.)

Effect of lactation upon the postpartum interval. Edgerton LA. **J Anim Sci** 1980;51 Suppl 2:40–52 (111 ref.)

Uterine involution: its role in regulating postpartum intervals. Kiracofe GH. **J Anim Sci** 1980;51 Suppl 2:16–28 (142 ref.)

Postpartum endocrine function of cattle, sheep and swine. Wettemann RP. **J Anim Sci** 1980;51 Suppl 2:2–15 (154 ref.)

Influence of exposure to bulls on resumption of estrous cycles following parturition in beef cows. Zalesky DD, et al. **J Anim Sci** 1984 Nov;59(5):1135–9

Rapid falls in maternal serum alpha-fetoprotein concentrations. Bredow MT, et al. **J Clin Pathol** 1985 Apr; 38(4):473–4

Postpartum and lactational estrus: a comparative analysis in rodentia. Gilbert AN. **J Comp Psychol** 1984 Sep; 98(3):232–45

Biochemical and antibacterial properties of bovine mammary secretion during mammary involution and at parturition. Nonnecke BJ, et al. **J Dairy Sci** 1984 Dec;67(12):2863–72

Increase in plasminogen activator in the involuting uterus of the postpartum rat. Shimada H, et al. **J Endocrinol** 1985 Feb;104(2):295–8

Prolactin concentration in milk and plasma of puerperal women and patients with galactorrhea. Adamopoulos DA, et al. **J Endocrinol Invest** 1984 Aug;7(4):273–6

Corpus luteum function during the early puerperium. Cinque B, et al. **J Endocrinol Invest** 1985 Feb;8(1):1–6

Prolactin and thyrotropin response to blockade of dopamine synthesis by monoiodotyrosine in subjects with postpartum and pathological hyperprolactinemia. Ghigo E, et al. **J Endocrinol Invest** 1985 Feb;8(1):35–40

Influence of endogenous T3-autoantibodies on thyroid hormone measurements in a woman with transient postpartum thyroiditis. Jansson R, et al. **J Endocrinol Invest** 1985 Jun;8(3):253-6

Histamine H1 receptor participation in the control of prolactin secretion in postpartum. Messinis IE, et al. **J Endocrinol Invest** 1985 Apr;8(2):143-6

Papanicolaou smear adequacy: effect of different techniques in specific fertility states. Hamblin JE, et al. **J Fam Pract** 1985 Mar;20(3):257-60

Postpartum rubella immunization: association with development of prolonged arthritis, neurological sequelae, and chronic rubella viremia. Tingle AJ, et al. **J Infect Dis** 1985 Sep;152(3):606-12

Immunocytochemical characterisation of cell cultures grown from dissociated 1-2-day post-natal rat cerebral tissue. A developmental study. Walker AG, et al. **J Neuroimmunol** 1984 Nov;7(1):1-20

Mothers' postpartum perceptions of spousal relationships. Ellis DJ, et al. **J Obstet Gynecol Neonatal Nurs** 1985 Mar-Apr;14(2):140-6

Body image attitudes during pregnancy and the postpartum period. Strang VR, et al. **J Obstet Gynecol Neonatal Nurs** 1985 Jul-Aug;14(4):332-7

Distribution of ovarian follicular populations in the dairy cow within 35 days after parturition. Dufour JJ, et al. **J Reprod Fertil** 1985 Jan;73(1):229-35

Effect of exogenous oestradiol-17 beta on gonadotrophin secretion in post-partum beef cows. Peters AR. **J Reprod Fertil** 1984 Nov;72(2):473-8

Uncomplicated, spontaneous expulsion of a uterine leiomyoma postpartum. A case report. Honoré LH, et al. **J Reprod Med** 1985 Apr;30(4):358-9

Effect of prostaglandin E2 on puerperal breast discomfort and prolactin secretion. Tulandi T, et al. **J Reprod Med** 1985 Mar;30(3):176-8

Acupuncture therapy in 49 cases of postpartum urinary retention. Yang DL. **J Tradit Chin Med** 1985 Mar;5(1):26

Puerperal change [letter] **JOGN Nurs** 1984 Nov-Dec; 13(6):410-2

Diminished number of renin-containing cells in kidney biopsy samples from hypertensive women immediately postpartum: an immunomorphologic study. Nochy D, et al. **Kidney Int** 1984 Jul;26(1):85-7

Aflatoxin and aflatoxicosis: V. The kinetic behaviour of dietary aflatoxins in colostrum drawn from cows postpartum. Hafez AH, et al. **Mycopathologia** 1985 Mar; 89(3):161-4

Transformation of bovine peripheral blood lymphocytes in the perinatal period. Kashiwazaki Y, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):337-9

Application of indocyanine green clearance test in dairy cows. Sato T. **Nippon Juigaku Zasshi** 1984 Oct;46(5):687-92

Prolactin secretion during pregnancy and puerperium: response to metoclopramide and interactions with placental hormones. Bohnet HG, et al. **Obstet Gynecol** 1985 Jun; 65(6):789-92

Peripartum hysterectomy: a review of cesarean and postpartum hysterectomy. Chestnut DH, et al. **Obstet Gynecol** 1985 Mar;65(3):365-70

A case of postpartum hemolytic uremic syndrome with severe elevations of liver enzymes. Sagawa N, et al. **Obstet Gynecol** 1985 May;65(5):761-4

Sexuality in pregnancy and the puerperium: a review. Reamy K, et al. **Obstet Gynecol Surv** 1985 Jan;40(1):1-13 (144 ref.)

Grand multiparity: benefits of a referral program for hospital delivery and postpartum tubal ligation. Barss P, et al. **Papua New Guinea Med J** 1985 Mar;28(1):35-9

Perinatal influences on in vitro B lymphocyte differentiation in human neonates. Pittard WB 3d, et al. **Pediatr Res** 1985 Jul;19(7):655-8

Changes in hypothalamic and pituitary content of immunoreactive alpha-melanocyte-stimulating hormone during the gestational and postpartum periods in the rat. Khorram O, et al. **Proc Soc Exp Biol Med** 1984 Nov; 177(2):318-26

Peripartum cardiomyopathy. Julian DG, et al. **Prog Cardiovasc Dis** 1985 Jan-Feb;27(4):223-40 (128 ref.)

Platelet 3H-imipramine binding in pregnancy and the puerperium. Katona CL, et al. **Psychiatry Res** 1985 Jan; 14(1):33-7

The effect of undernutrition of beef cows on blood hormone and metabolite concentrations post partum. Easdon MP, et al. **Reprod Nutr Dev** 1985;25(1A):113-26

Changes of plasma protease inhibitors in late pregnancy, during delivery and puerperium in normal women and in preeclampsia. Gamba G, et al. **Ric Clin Lab** 1984 Jul-Sep; 14(3):521-5

Postpartum osteitis pubis. Gonik B, et al. **South Med J** 1985 Feb;78(2):213-4

Protein C antigen during pregnancy, delivery and puerperium [letter] Mannucci PM, et al. **Thromb Haemost** 1984 Oct 31;52(2):217

Plasma hormone changes in cows during induced or spontaneous calvings and the early post partum period. Kaker ML, et al. **Vet Rec** 1984 Oct 13;115(15):378-82

Plasma IgG1 and IgG2a in female mice and their offspring during the period of colostrum production. Nielsen E. **Z Versuchstierkd** 1985;27(1):17-22

Effect of energy balance on plasma glucose and ketone bodies in blood and milk and influence of hyperketonaemia on milk production of postparturient dairy cows. Andersson L, et al. **Zentralbl Veterinarmed** [A] 1984 Aug;31(7):539-47

Intrauterine bacterial findings and release of PGF2 alpha in the postpartum dairy cow. Fredriksson G, et al. **Zentralbl Veterinarmed** [A] 1985 May;32(5):368-80

[The degree of endothelial desquamation in normal pregnancy and the puerperium] Glavanakova V, et al. **Akush Ginekol (Sofiia)** 1985;24(3):1-6 (Eng. Abstr.) **(Bul)**

[Blood indices of high-production cows at various periods of pregnancy and after calving] Simeonov SI, et al. **Vet Med Nauki** 1984;21(9):26-32 (Eng. Abstr.) **(Bul)**

[Bacterial colonization study of asymptomatic parturients and their neonates] Li Q. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Mar;20(2):105-7, 127 (Eng. Abstr.) **(Chi)**

[Two years' clinical experience with puerperal insertion of intrauterine devices] Zhou SW. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Jan;20(1):46-8, 61 (Eng. Abstr.) **(Chi)**

[Cerebrovascular disorders in pregnancy and the puerperium] Yang LC. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Oct; 17(5):268-70 (Eng. Abstr.) **(Chi)**

[Changes in the blood picture and iron stores during pregnancy and after labor] Zivný J, et al. **Sb Lek** 1985 Apr;87(4):90-7 (Eng. Abstr.) **(Cze)**

[Post partum thyroiditis—an overlooked disease? Literature review and 4 case reports] Pryds O, et al. **Ugeskr Laeger** 1984 May 14;146(20):1476-80 (Eng. Abstr.) **(Dan)**

[Postpartum amenorrhea with hyperprolactinemia disclosing a transient hypothyroidism (letter)] Arlot S, et al. **Presse Med** 1985 Jan 12;14(1):48 **(Fre)**

[Results of experimental studies of uterine bioelectric activity in the peripartal period and puerperium in cattle. 1. Methods of collecting, recording and assessing uterine bioelectric activity during parturition and the postpartum period in cattle] Däberitz H, et al. **Arch Exp Veterinarmed** 1984 Sep;38(5):676-86 (Eng. Abstr.) **(Ger)**

[The significance of sonography in the early puerperium] Klug PW. **Geburtshilfe Frauenheilkd** 1984 Jul;44(7):425-7 (Eng. Abstr.) **(Ger)**

[Sonographic studies of physiologic involution of the uterus in the puerperium] Lückert G, et al. **Zentralbl Gynakol** 1984;106(10):681-5 (Eng. Abstr.) **(Ger)**

[Changes in the immunoglobulins IgG, IgA and IgM in pregnancy and the puerperium] Miller EC, et al. **Zentralbl Gynakol** 1984;106(15):1084-91 (Eng. Abstr.) **(Ger)**

[Histometric studies of the genital tract of rabbits in the postpartum phase] Munsel M, et al. **Zentralbl Veterinarmed** [A] 1985 Mar;32(3):161-78 (Eng. Abstr.) **(Ger)**

[Health care during delivery and puerperium in 4 Lombardy hospitals, with special reference to humanization. Comparative evaluation of consumer opinion] Remotti G, et al. **Ann Ostet Ginecol Med Perinat** 1984 Nov-Dec; 105(6):349-406 (Eng. Abstr.) **(Ita)**

[Effects of mother-infant interaction on maternal milk secretion and dynamics of maternal serum prolactin levels in puerperium] Aisaka K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May; 37(5):713-20 (Eng. Abstr.) **(Jpn)**

[Significance of the adrenal medulla and brain catecholamine in perinatal period: their developmental changes and responses to hypoxia in fetal rats] Kishimoto Y. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr; 37(4):619-28 (Eng. Abstr.) **(Jpn)**

[Effect of dopaminergic agents on the endocrine profile in labor and early puerperium] Kubota T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jun;37(6):945-54 (Eng. Abstr.) **(Jpn)**

[Erythrocyte deformability and adenosine triphosphate (ATP) levels in normal pregnancy and puerperium] Marumoto Y, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Nov; 36(11):2079-84 (Eng. Abstr.) **(Jpn)**

[The changes of serum total cholesterol, HDL-cholesterol and atherogenic index in postpartum] Mizuno O, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Dec; 36(12):2593-7 (Eng. Abstr.) **(Jpn)**

[Peripheral blood cell counts and differential analysis in healthy women at 3 months postpartum. Increase in lymphocyte count and influence of lactation] Fujiyasu S, et al. **Rinsho Byori** 1984 Aug;32(8):909-12 **(Jpn)**

[Sodium, potassium and calcium concentrations in human milk in the early puerperium] Lembrych S, et al. **Wiad Lek** 1984 Dec 15;37(24):1926-30 (Eng. Abstr.) **(Pol)**

[Morphological and functional characteristics of erythrocytes of mothers with late pregnancy toxemias and their newborn infants] Anastas'eva NV, et al. **Akush Ginekol (Mosk)** 1985 May;(5):18-21 (Eng. Abstr.) **(Rus)**

[Methods of recording and mathematical processing of hysterograms] Zaĭtsev LM. **Akush Ginekol (Mosk)** 1985 May;(5):8-12 (38 ref.) **(Rus)**

[The reliability of using vacuum aspiration after labor] Mlynček M, et al. **Cesk Gynekol** 1984 Dec;49(10):717-20 (Eng. Abstr.) **(Slo)**

[Electrocardiographic features in pregnancy at term and postpartum. Correlation with serum lipids] Domínguez de Costa C, et al. **Ginecol Obstet Mex** 1983 Mar;51(311):73-8 (Eng. Abstr.) **(Spa)**

[T-post-partum, an intrauterine contraceptive for the immediate puerperium] Martínez D, et al. **Ginecol Obstet Mex** 1983 Dec;51(320):331-4 (Eng. Abstr.) **(Spa)**

[Plasma prolactin in the puerperium and its relation to the use of methylergonovine maleate] González P, et al. **Rev Chil Obstet Ginecol** 1984;49(3):149-55 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Effect of dietary niacin supplementation on serum constituents of periparturient dairy cattle. Dufva GS, et al. **Am J Vet Res** 1984 Sep;45(9):1838-41

Reproductive performance in dairy cows following postpartum treatment with gonadotrophin releasing hormone and/or prostaglandin: a field trial. Etherington WG, et al. **Can J Comp Med** 1984 Jul;48(3):245-50

A comparative oral analgesic study of indoprofen, aspirin, and placebo in postpartum pain. Sunshine A, et al. **J Clin Pharmacol** 1985 Jul-Aug;25(5):374-80

Effects of dehydroepiandrosterone-sulphate (DHEA-S) administration on puerperal lactation and maternal prolactin and estradiol levels. Aisaka K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1935-42

[Effect of oxytocin on renin activity and aldosterone concentration in plasma as well as blood pressure in late pregnancy and early puerperium] Niesert S, et al. **Zentralbl Gynakol** 1985;107(9):561-7 (Eng. Abstr.) **(Ger)**

PUERTO RICANS see **HISPANIC AMERICANS**

PULLULANASE see under **GLYCOSIDE HYDROLASES**

PULMONARY ADENOMATOSIS, OVINE

COMPLICATIONS

Experimental infection of a natural case of sheep pulmonary adenomatosis with maedi-visna virus. Dawson M, et al. **Vet Rec** 1985 Jun 1;116(22):588-9

DIAGNOSIS

A basic immunoenzymatic test which detects early acute and progressive destructive processes in sheep by tissue-associated protein complex. Yegana Y, et al. **Br Vet J** 1985 Mar-Apr;141(2):129-34

OCCURRENCE

Sheep pulmonary adenomatosis in Ireland. McCullough SJ, et al. **Vet Rec** 1985 Apr 27;116(17):470

PULMONARY ALVEOLAR PROTEINOSIS

[Pulmonary alveolar proteinosis with spontaneous regression] Debeljak A, et al. **Plucne Bolesti** 1984 Jan-Jun;36(1-2):41-7 (Eng. Abstr.) **(Scr)**

COMPLICATIONS

[A case of pulmonary alveolar proteinosis associated with pulmonary tuberculosis] Shido T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec; 22(12):1160-4 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

[Alveolar proteinosis associated with chronic myelocytic leukemia (letter)] Tourani JM, et al. **Presse Med** 1984 Sep 29;13(33):2019-20 **(Fre)**

IMMUNOLOGY

[Macrophage-inhibiting factors in a case of alveolar proteinosis] Müller-Quernheim J, et al. **Prax Klin Pneumol** 1984 Dec;38(12):539-44 (Eng. Abstr.) **(Ger)**

OCCURRENCE

Pulmonary alveolar proteinosis in the newborn. Knight DP, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):529-31

PHYSIOPATHOLOGY

Pulmonary alveolar proteinosis: prospective clinical experience in 23 patients for 15 years. Kariman K, et al. **Lung** 1984;162(4):223-31

THERAPY

[Therapeutic lavage in patients with pulmonary-alveolar proteinosis] Filippov VP, et al. **Ter Arkh** 1984;56(11):126-7 **(Rus)**

PULMONARY ALVEOLI

Bronchoalveolar lavage in radiation pneumonitis. Cordier JF, et al. **Bull Eur Physiopathol Respir** 1984 Jul-Aug; 20(4):369-74

Diagnostic significance of bronchoalveolar lavage fluid analysis in bilateral diffuse lung disease. Kalra L, et al. **Indian J Med Res** 1984 May;79:697-703

Alveolar haemorrhage [editorial] **Lancet** 1985 Apr 13; 1(8433):853-4

Suppression of the alveolitis in pulmonary sarcoidosis by oral corticosteroids. Rossi GA, et al. **Lung** 1985;163(2):83-93

Case 7. Pulmonary alveolar septal calcinosis. Landing BH. **Pediatr Pathol** 1984;2(3):363-7

[Alveolar cancer and localized parieto-alveolar fibrosis] Vincent M, et al. **Rev Mal Respir** 1984;1(5):289-93 (Eng. Abstr.) **(Fre)**

[Broncho-alveolar lavage: a tool for diagnosis or for research?] Voisin C. **Rev Med Brux** 1985 Apr;6(4):299-301 (Eng. Abstr.) **(Fre)**

[The surfactant system of the lung. I. Morphology, structure and function of the surfactant system in man and animal--our findings and a review of the literature] Kaup FJ, et al. **Berl Munch Tierarztl Wochenschr** 1985 Mar 1; 98(3):73-80 (105 ref.) (Eng. Abstr.) **(Ger)**

[Computed tomographic observation of a case of microlithiasis alveolaris pulmonum] Schulte GA, et al. **ROFO** 1985 Jul;143(1):102-3 **(Ger)**

[Case of calculi of the pulmonary alveoli] Jaszczołt M, et al. **Wiad Lek** 1984 Aug 1;37(15):1199-203 (Eng. Abstr.) **(Pol)**

[Bronchoalveolar lavage in pulmonary pathology] Mangiulea V, et al. **Rev Ig [Pneumoftiziol]** 1984 Jul-Sep;33(3):253-68 (Eng. Abstr.) **(Rum)**

ANALYSIS

Concentration of ethylene oxide in the alveolar air of occupationally exposed workers. Brugnone F, et al. **Am J Ind Med** 1985;8(1):67-72

Mineral dust and cell recovery from the bronchoalveolar lavage of healthy Vermont granite workers. Christman JW, et al. **Am Rev Respir Dis** 1985 Aug;132(2):393-9

Usefulness of tumor markers in serum and bronchoalveolar lavage of patients undergoing fiberoptic bronchoscopy. Goldstein N, et al. **Am Rev Respir Dis** 1985 Jul;132(1):60-4

Tissue factor in bronchoalveolar lavage fluids. Evidence for an alveolar macrophage source. McGee MP, et al. **Am Rev Respir Dis** 1985 Mar;131(3):331-6

Catabolism of rat surfactant disaturated phosphatidylcholines during incubation of alveolar lavage materials in vitro at 37 degrees C. Miles PR, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):39-44

Protein composition of rabbit alveolar surfactant subfractions. Wright JR, et al. **Biochim Biophys Acta** 1984 Dec 21; 791(3):320-32

Pulmonary disposition of moxalactam. Braude AC, et al. **Chest** 1984 Dec;86(6):881-3

Simultaneous determination of trace elements in lavage fluids from human bronchial alveoli by energy dispersive x-ray fluorescence. 1: Technique and determination of the normal reference interval. Maier EA, et al. **Clin Chem** 1985 Apr; 31(4):551-5

Alveolyn--structure and source: a review. Lynn WS. **Exp Lung Res** 1984;6(3-4):191-6 (25 ref.)

Isolation and partial characterization of a human alveolar macrophage-derived neutrophil-activating factor. Pennington JE, et al. **J Clin Invest** 1985 Apr;75(4):1230-7

Localization and quantitation of anionic charge sites in fetal and neonatal alveolar basement membranes. Ferrara TB, et al. **J Histochem Cytochem** 1985 Jun;33(6):611-4

Glycolipid accumulation in bronchoalveolar space in adult respiratory distress syndrome. Rauvala H, et al. **J Lipid Res** 1984 Nov;25(11):1257-62

[Bronchoalveolar lavage in sarcoidosis] Takenaka S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug; 22(8):644-9 (Eng. Abstr.) **(Jpn)**

ANATOMY & HISTOLOGY

The respiratory epithelium of the lung in the green turtle (Chelonia mydas L.). Solomon SE, et al. **J Anat** 1984 Sep; 139 (Pt 2):353-70

Effect of breathing pattern on gas mixing in a model with asymmetrical alveolar ducts. Bowes CL, et al. **J Appl Physiol** 1985 Jan;58(1):18-26

A model for determining alveolar and small airway dimensions from aerosol recovery data. Rosenthal FS. **J Appl Physiol** 1985 Feb;58(2):582-91

BLOOD SUPPLY

Effects of alveolar hypoxia during partial mitral valve obstruction in unanesthetized sheep. Snapper JR, et al. **Am Rev Respir Dis** 1985 Jan;131(1):65-8

Alveolar microvessels in isolated perfused dog lungs: structural and functional studies after production of moderate and severe hydrodynamic edema. DeFouw DO, et al. **Exp Lung Res** 1985;8(1):67-79

How many pulmonary alveoli are supplied by a single arteriole and drained by a single venule? Zhuang FY, et al. **Microvasc Res** 1985 Jan;29(1):18-31

[Advances in the research on acute alveolo-microvascular barrier injury] Rao WH. **Chung Hua I Hsueh Tsa Chih** 1984 Nov;64(11):706-9 (26 ref.) **(Chi)**

[Functional morphology of pulmonary microcirculatory vessels in experimental anthracosis] Shkutin AE. **Gig Tr Prof Zabol** 1984 Dec;(12):52-3 **(Rus)**

CYTOLOGY

Multinucleated cells in bronchoalveolar lavage [letter] Costabel U, et al. **Acta Cytol (Baltimore)** 1985 Mar-Apr; 29(2):189-91

Immunocytochemical localization of the surfactant apoprotein and Clara cell antigen in chemically induced and naturally occurring pulmonary neoplasms of mice. Ward JM, et al. **Am J Pathol** 1985 Mar;118(3):493-9

Insulin binding and effects on glucose and transepithelial transport by alveolar type II cells. Sugahara K, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C472-7

Cigarette smoking causes accumulation of polymorphonuclear leukocytes in alveolar septum. Ludwig PW, et al. **Am Rev Respir Dis** 1985 Jun;131(6):828-30

Alveolar macrophage modulation of proteolysis by neutrophil elastase in extracellular matrix. McGowan SE, et al. **Am Rev Respir Dis** 1984 Nov;130(5):734-9

Identification of rat alveolar type II epithelial cells with a tannic acid and polychrome stain. Mason RJ, et al. **Am Rev Respir Dis** 1985 May;131(5):786-8

Isolation and culture of human alveolar type II epithelial cells. Characterization of their phospholipid secretion. Robinson PC, et al. **Am Rev Respir Dis** 1984 Dec; 130(6):1156-60

Interstitial lung disease in scleroderma. Analysis by bronchoalveolar lavage. Silver RM, et al. **Arthritis Rheum** 1984 Nov;27(11):1254-62

The pulmonary alveolar macrophage. McLennan G, et al. **Aust NZ J Med** 1984 Oct;14(5 Suppl 3):721-30 (68 ref.)

Alveolar type I and type II cells. Ward HE, et al. **Aust NZ J Med** 1984 Oct;14(5 Suppl 3):731-4

Desensitization to PAF-induced bronchoconstriction and to activation of alveolar macrophages by repeated inhalations of PAF in the guinea pig. Maridonneau-Parini I, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):42-9

Statistical derivation of a standardised procedure for counting expectorated alveolar macrophages as indicators of occupational air pollution. Nilsen AM, et al. **Br J Ind Med** 1985 Mar;42(3):205-8

Pneumocystis carinii pneumonia in the acquired immunodeficiency syndrome (AIDS). Diagnosis with bronchial brushings, biopsy, and bronchoalveolar lavage. Hartman B, et al. **Chest** 1985 May;87(5):603-7

Opsonic activity of MCP-1 and MCP-2, cationic peptides from rabbit alveolar macrophages. Fleischmann J, et al. **Diagn Microbiol Infect Dis** 1985 May;3(3):233-42

Effects of NiO inhalation on alveolar macrophages and the humoral immune systems of rats. Spiegelberg T, et al. **Ecotoxicol Environ Safety** 1984 Dec;8(6):516-25

Alveolar type II and Clara cells: isolation and xenobiotic metabolism. Devereux TR. **Environ Health Perspect** 1984 Jun;56:95-101 (33 ref.)

Organotypic culture of fetal lung type II alveolar epithelial cells: applications to pulmonary toxicology. Shami SG, et al. **Environ Health Perspect** 1984 Jun;56:87-94

gamma-Hexachlorocyclohexane activation of alveolar macrophage phosphatidylinositol cycle, calcium mobilization of O2- production. Holian A, et al. **FEBS Lett** 1984 Oct 15;176(1):151-4

Rabbit lymphocyte factors modulate prostaglandin biosynthesis in alveolar macrophages. Hsueh W, et al. **Immunology** 1985 Jan;54(1):155-61

Growth characteristics, morphology, and phospholipid composition of human type II pulmonary alveolar cells grown in a collagen-free microenvironment. Milo GE, et al. **In Vitro** 1984 Dec;20(12):899-911

Functional heterogeneity of isopycnic fractions of rat alveolar macrophages. O'Neill SJ, et al. **Infect Immun** 1984 Oct;46(1):282-4

Cellular biology and pathology of type II pneumocytes. Chrétien J, et al. **Int Arch Allergy Appl Immunol** 1985;76 Suppl 1:49-61

Leukotrienes: potent mediators of airway constriction. Piper PJ. **Int Arch Allergy Appl Immunol** 1985;76 Suppl 1:43-8

Acylation of lysophospholipids by rabbit alveolar macrophages. Specificities of CoA-dependent and CoA-independent reactions. Robinson M, et al. **J Biol Chem** 1985 Jul 5;260(13):7889-95

Human alveolar macrophages synthesize factor VII in vitro. Possible role in interstitial lung disease. Chapman HA Jr, et al. **J Clin Invest** 1985 Jun;75(6):2030-7

Immunoglobulin G-induced single ionic channels in human alveolar macrophage membranes. Nelson DJ, et al. **J Clin Invest** 1985 Aug;76(2):500-7

Size, adherence, and phagocytic characteristics of alveolar macrophages harvested 'early' and 'later' during bronchoalveolar lavage. Lehnert BE, et al. **J Immunol Methods** 1984 Oct 26;73(2):329-35

Alveolar macrophages after chronic tobacco smoke inhalation and after artificial respiratory therapy for acute pulmonary failure. Müller KM, et al. **Klin Wochenschr** 1984; 62 Suppl 2:43-50

Type II alveolar epithelial cells in suspension: separation by density and velocity. Brown SE, et al. **Lung** 1984; 162(5):271-80

Technical variations of bronchoalveolar lavage (BAL): influence of atelectasis and the lung region lavaged. Carré P, et al. **Lung** 1985;163(2):117-25

The isolation of rat alveolar type II cells: a simplified approach using Percoll density centrifugation. Skillrud DM, et al. **Lung** 1984;162(4):245-52

Giant lamellar bodies in alveolar type II cells of rats exposed to a low concentration of ozone. Shimura S, et al. **Respiration** 1984;46(3):303-9

Paradoxical functions of alveolar macrophages from Calmette-Guérin bacillus-immunized rats. Shiratori Y, et al. **Respiration** 1985;47(4):285-92

The alveolar macrophage. du Bois RM. **Thorax** 1985 May; 40(5):321-7 (40 ref.)

Manganese dioxide induces alveolar macrophage chemotaxis for neutrophils in vitro. Snella MC. **Toxicology** 1985 Feb; 34(2):153-9

[The alveolar macrophage in gas phase culture as a biologic indicator of gas toxicology: application to the study of the cytotoxicity of nitrogen dioxide (NO2)] Voisin C, et al. **Bull Acad Natl Med (Paris)** 1984 Oct-Nov;168(7-8):755-60 (Eng. Abstr.) **(Fre)**

[Alveolar macrophages. A pivot cell of the lower lung] Ayoub A. **Tunis Med** 1984 Jan-Feb;62(1):5-11 (Eng. Abstr.) **(Fre)**

[Bronchoalveolar lavage. Preliminary cytologic study] Masure F, et al. **Tunis Med** 1983 May-Jun;61(3):167-70 (Eng. Abstr.) **(Fre)**

[Synergistic activation of rat alveolar macrophages by cepharanthine and OK-432] Morioka S, et al. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1470-5 (Eng. Abstr.) **(Jpn)**

[Macrophages contained in the broncho-alveolar lavage fluid] Oshima S. **Kekkaku** 1985 Jan;60(1):48-50 **(Jpn)**

[Tetracycline sorption by alveolar macrophages of rabbits at early stages of interaction] Kivman GIa, et al. **Antibiot Med Biotekhnol** 1985 Mar;30(3):197-200 (Eng. Abstr.) **(Rus)**

[Architectonics of the surface of alveolar macrophages] Fetisov VV, et al. **Arkh Anat Gistol Embriol** 1985 Mar; 88(3):84-8 (Eng. Abstr.) **(Rus)**

[Formation of a protective cellular reaction of the respiratory tract after combined exposure to silicon dioxide and ozone] Kalina OV, et al. **Gig Tr Prof Zabol** 1984 Dec;(12):29-33 (Eng. Abstr.) **(Rus)**

[Alveolar macrophages in patients with chronic bronchitis] Kizhvatova NV, et al. **Klin Med (Mosk)** 1984 Sep; 62(9):91-3 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

The influence of halothane and isoflurane on pulmonary collateral ventilation. Alexander CM, et al. **Anesthesiology** 1985 Feb;62(2):135-40

Effects of LTB4 and Ca++ ionophore A23187 on the release by human alveolar macrophages of factors controlling fibroblast functions. Polla B, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):560-7

Counting alveolar macrophages (AM) from expectorate samples of exposed workers as a test for lung irritation from occupational exposure. Gullvåg B, et al. **Bull Environ Contam Toxicol** 1985 May;34(5):702-8

Peripheral panic symptoms occur during changes in alveolar carbon dioxide. van den Hout MA, et al. **Compr Psychiatry** 1985 Jul-Aug;26(4):381-7

Effects of asbestos on the random migration of rabbit alveolar macrophages. Myrvik QN, et al. **Environ Health Perspect** 1985 May;60:387-93

Quantitative assessment of rabbit alveolar macrophage function by chemiluminescence. Brennan PC, et al. **Environ Res** 1985 Aug;37(2):452-60

Inhalable particles and pulmonary host defense: in vivo and in vitro effects of ambient air and combustion particles. Hatch GE, et al. **Environ Res** 1985 Feb;36(1):67-80

Pharmacological stimulation of surfactant secretion and surfactant replacement. Robertson B. **Eur J Respir Dis [Suppl]** 1985;142:63-70

Induction of early alveolar injury by inhaled asbestos and silica. Brody AR, et al. **Fed Proc** 1985 Jul;44(10):2596-601

Biological effects of New Caledonia nickel ore samples on red blood cells, alveolar macrophages and pleural mesothelial cells. Bastie-Sigeac I, et al. **IARC Sci Publ** 1984;(53):301-10

Effects of elastase and cigarette smoke on alveolar epithelial permeability. Schmid RP, et al. **J Appl Physiol** 1985 Jul; 59(1):96-100

Type II cell response to chronic beta adrenergic agonist and antagonist infusions. Young SL, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):271-6

Toxicity of metallic ions in the lung: effects on alveolar macrophages and alveolar type II cells. Castranova V, et al. **J Toxicol Environ Health** 1984;13(4-6):845-56

A histomorphometric assessment of BHT-induced pulmonary toxicity. Coulombe PA, et al. **J Toxicol Environ Health** 1985;15(1):125-36

Relative effects of asbestos and wollastonite on alveolar macrophages. Pailes WH, et al. **J Toxicol Environ Health** 1984;14(4):497-510

Paraquat toxicity in vitro. I. Pulmonary alveolar macrophages. Wong RC, et al. **J Toxicol Environ Health** 1985;15(3-4):417-29

Thromboxane mediates the increase in alveolar surfactant pool induced by free fatty acid infusion in the rabbit. Oyarzún MJ, et al. **Respiration** 1984;46(2):231-40

Pulmonary response of rats exposed to titanium dioxide (TiO2) by inhalation for two years. Lee KP, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):179-92

Cytotoxic action of rat alveolar macrophages for ozone-exposed lung fibroblasts. Morgan DL, et al. **Toxicol Lett** 1985 Jul;26(1):37-42

[Amiodarone-induced alveolitis] Skovlund E, et al. **Ugeskr Laeger** 1984 Jul 30;146(31):2315-6 (Eng. Abstr.)

(Dan)

[Late complication following Hytrast bronchography. In vivo dilution as a cause of severe alveolarization?] Lehner K, et al. **Prax Klin Pneumol** 1985 Apr;39(4):133–5 (Eng. Abstr.) **(Ger)**

[Studies on lung defenses: effects of various inhalants on the function of alveolar macrophages] Sugimoto M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Sep; 22(9):757–61 (Eng. Abstr.) **(Jpn)**

EMBRYOLOGY

Compartmentalization of 11–oxidoreductase within fetal lung alveolus. Torday JS, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C173–6

Alveolar type II cells isolated from fetal rat lung organotypic cultures synthesize and secrete surfactant–associated phospholipids and respond to fibroblast–pneumonocyte factor. Post M, et al. **Exp Lung Res** 1984;7(1):53–65

Induction of lamellar bodies synthesis by corticosteroids in first trimester human fetal lungs. Zsolnai B, et al. **Ginekol Pol** 1984 Jun;55(6):385–92

ENZYMOLOGY

Lysozyme activity in bronchial and broncho–alveolar fluids. Carnimeo N, et al. **Allergol Immunopathol (Madr)** 1985 Jan–Feb;13(1):53–8

Collagenase in the lower respiratory tract of patients with adult respiratory distress syndrome. Christner P, et al. **Am Rev Respir Dis** 1985 May;131(5):690–5

Lysophosphatidylcholine acyltransferase and lysophosphatidylcholine: lysophosphatidylcholine acyltransferase in alveolar type II cells from fetal rat lung. de Vries AC, et al. **Biochim Biophys Acta** 1985 Jan 9; 833(1):93–9

Cathepsin B–like cysteine proteinase activity in sputum and bronchoalveolar lavage samples: relationship to inflammatory cells and effects of corticosteroids and antibiotic treatment. Burnett D, et al. **Clin Sci** 1985 Apr; 68(4):469–74

Purification of a type V collagen degrading metalloproteinase from rabbit alveolar macrophages. Mainardi CL, et al. **Coll Relat Res** 1984 Dec;4(6):479–92

Aryl hydrocarbon hydroxylase induction in rat pulmonary alveolar macrophages (PAMs) by diesel particulates and their extracts. Chen KC, et al. **Drug Chem Toxicol** 1984; 7(5):463–76

Comparison of live human neutrophil and alveolar macrophage elastolytic activity in vitro. Relative resistance of macrophage elastolytic activity to serum and alveolar proteinase inhibitors. Chapman HA Jr, et al. **J Clin Invest** 1984 Nov;74(5):1693–700

Bronchioalveolar angiotensin converting enzyme activity. Value in assessing disease activity in sarcoidosis. Cummiskey J, et al. **J Med** 1984;15(3):213–25

The immunocytochemical detection of angiotensin–converting enzyme in alveolar macrophages from patients with sarcoidosis. Takada Y, et al. **Lung** 1984; 162(6):317–23

[Membrane phosphatidylethanolamine methylase in blood leukocytes and alveolar macrophages of asthmatic patients] Pacheco Y, et al. **Rev Pneumol Clin** 1985;41(1):47–56 (Eng. Abstr.) **(Fre)**

[Comparative study of concentrations of lysozyme in serum, bronchoalveolar washings and alveolar macrophages in lung diseases] Belianovskaia TI. **Vrach Delo** 1984 Dec; (12):28–31 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Factors related to the appearance of alveolar macrophages in the developing lung. Jacobs RF, et al. **Am Rev Respir Dis** 1985 Apr;131(4):548–53

IMMUNOLOGY

Bovine pulmonary alveolar macrophages: antemortem recovery and in vitro evaluation of bacterial phagocytosis and killing. Trigo E, et al. **Am J Vet Res** 1984 Sep; 45(9):1842–7

Mycoplasma pneumoniae induces cytotoxic activity in guinea pig bronchoalveolar cells. Kist M, et al. **Am Rev Respir Dis** 1985 Jun;131(6):869–74

Alveolar macrophage function and inflammatory stimuli in smokers with and without obstructive lung disease. McLeod R, et al. **Am Rev Respir Dis** 1985 Mar; 131(3):377–84

Immunoglobulin G subclass proteins in serum and lavage fluid of normal subjects. Quantitation and comparison with immunoglobulins A and E. Merrill WW, et al. **Am Rev Respir Dis** 1985 Apr;131(4):584–7

Human lung lavage surfactant enhances staphylococcal phagocytosis by alveolar macrophages. O'Neill SJ, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1177–9

IgA–mediated phagocytosis by mouse alveolar macrophages. Richards CD, et al. **Am Rev Respir Dis** 1985 Jul;132(1):82–5

Bronchoalveolar lavage cells and proteins in patients with the acquired immunodeficiency syndrome. An immunologic analysis. Young KR Jr, et al. **Ann Intern Med** 1985 Oct;103(4):522–33

A new test for phagocytosis of human alveolar macrophages in suspension, using 99mTc labelled human serum albumin particles. Arnould R, et al. **Anticancer Res** 1984 Jul–Oct; 4(4–5):283–8

Alveolar macrophages: antigen presentation activity in vivo. Holt PG, et al. **Aust J Exp Biol Med Sci** 1985 Feb;63 (Pt 1):33–9

Changes in biochemical characteristics and pattern of lectin binding of alveolar type II cells with time in culture. Dobbs LG, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):155–66

The biosynthesis of leukotriene B4, the predominant lipoxygenase product in rabbit alveolar macrophages, is enhanced during immune activation. Hsueh W, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):92–7

Stimulus–permeability coupling in rat pulmonary macrophages challenged by Pseudomonas aeruginosa. An X–ray microanalysis study. Smith NK, et al. **Cell Tissue Res** 1985;240(2):461–5

Bronchoalveolar lavage and the immunology of primary lung cancer. Olsen GN, et al. **Chest** 1985 May;87(5):677–83 (56 ref.)

Replenishing the starved patient. When do lung immune cells recover? [editorial] Shennib H, et al. **Chest** 1985 Feb; 87(2):138–9

Expression of Ia like (HLA–DR) antigens on human alveolar macrophages. Clerici N, et al. **Clin Exp Immunol** 1984 Nov; 58(2):388–94

Human bronchoalveolar macrophage heterogeneity demonstrated by histochemistry, surface markers and phagocytosis. Gant VA, et al. **Clin Exp Immunol** 1985 Jun; 60(3):539–45

Specificity of immunosuppression by human alveolar cells. McCombs CC, et al. **Exp Lung Res** 1984;7(3–4):211–22

Activation of alveolar macrophages following infection with the parasitic nematode Nippostrongylus brasiliensis. Egwang TG, et al. **Immunology** 1985 Mar;54(3):581–8

Origin and immunological hyporeactivity of canine alveolar lymphocytes. Kirby J, et al. **Immunology** 1985 Jul; 55(3):531–8

Uptake of intravenously administered soluble immune complexes by type I alveolar cells and macrophages in mice. Kanayama Y, et al. **Int Arch Allergy Appl Immunol** 1985;78(1):108–11

The effect of local antibody responses on in vivo and in vitro phagocytosis by pulmonary alveolar macrophages. Harmsen AG, et al. **J Leukocyte Biol** 1985 May; 37(5):483–92

Comparison of bronchoalveolar lavage cells from germfree and conventional lambs. Joel DD, et al. **Prog Clin Biol Res** 1985;181:367–70

Pulmonary sarcoidosis: alterations in bronchoalveolar lymphocytes and T cell subsets. Greening AP, et al. **Thorax** 1985 Apr;40(4):278–83

[A study of bronchus–associated lymphoid tissue (BALT) in pulmonary delayed type hypersensitivity. Immunological significance of the bronchoalveolar lavage (BAL) fluid in rabbits] Chida K, et al. **Kekkaku** 1985 Jan;60(1):7–22 (Eng. Abstr.) **(Jpn)**

INJURIES

Destructive index: a measurement of lung parenchymal destruction in smokers. Saetta M, et al. **Am Rev Respir Dis** 1985 May;131(5):764–9

METABOLISM

Byssinosis: Release of prostaglandins, thromboxane, and 5–hydroxytryptamine in bronchopulmonary lavage fluid after inhalation of cotton dust extracts. Mundie TG, et al. **Am J Pathol** 1985 Jan;118(1):128–33

Phospholipids in tracheal effluent from infants with severe respiratory distress syndrome. Bose CL, et al. **Am J Perinatol** 1984 Apr;1(3):208–13

Arterial to end–tidal CO2 tension and alveolar dead space in halothane– or isoflurane–anesthetized ponies. Meyer RE, et al. **Am J Vet Res** 1985 Mar;46(3):597–9

Acute effect of smoking on the functional activity of alpha1–protease inhibitor in bronchoalveolar lavage fluid. Abboud RT, et al. **Am Rev Respir Dis** 1985 Jan; 131(1):79–85

Bleomycin–induced lung injury in the rabbit. Analysis and correlation of bronchoalveolar lavage, morphometrics, and fibroblast stimulating activity. Bigby TD, et al. **Am Rev Respir Dis** 1985 Sep;132(3):590–5

The lipid–laden alveolar macrophage as a marker of aspiration in parenchymal lung disease. Corwin RW, et al. **Am Rev Respir Dis** 1985 Sep;132(3):576–81

In vivo initiation of unstimulated in vitro interleukin–1 release by alveolar macrophages. Lamontagne L, et al. **Am Rev Respir Dis** 1985 Mar;131(3):326–30

Synthesis of alpha 1–protease inhibitor by resident and activated mouse alveolar macrophages. Lamontagne LR, et al. **Am Rev Respir Dis** 1985 Mar;131(3):321–5

Identical serum proteins and specific bronchoalveolar lavage proteins in the adult human and the rat. Müller B, et al. **Am Rev Respir Dis** 1984 Oct;130(4):674–7

Chemotactic activity in bronchoalveolar lavage fluid from patients with adult respiratory distress syndrome. Parsons PE, et al. **Am Rev Respir Dis** 1985 Sep;132(3):490–3

Antibiotic uptake by alveolar macrophages of smokers. Hand WL, et al. **Antimicrob Agents Chemother** 1985 Jan; 27(1):42–5

Synthesis of surfactant lipids in developing rat lung: studies with isolated alveolar type–II cells. Van Golde LM, et al. **Biochem Soc Trans** 1985 Feb;13(1):86–9

Synthesis of surfactant–associated glycoprotein A by rat type II epithelial cells. Primary translation products and post–translational modification. Whitsett JA, et al. **Biochim Biophys Acta** 1985 Apr 5;828(2):162–71

Differential capacities for DNA repair in Clara cells, alveolar type II cells and macrophages of rabbit lung. Deilhaug T, et al. **Carcinogenesis** 1985 Apr;6(4):661–3

Pulmonary epithelial permeability after inhaling saline, distilled water 'fog' and cold air. Borland C, et al. **Chest** 1985 Mar;87(3):373–6

The response of rat alveolar macrophages to chronic inhalation of coal dust and/or diesel exhaust. Castranova V, et al. **Environ Res** 1985 Apr;36(2):405–19

Effect of silica and volcanic ash on the content of lung alveolar and tissue phospholipids. Kornbrust DJ, et al. **Environ Res** 1984 Oct;35(1):140–53

Synthesis of lung surfactant–associated glycoproteins by A549 cells: description of an in vitro model for human type II cell dysfunction. Balis JU, et al. **Exp Lung Res** 1984;6(3–4):197–213

Role of apoprotein and calcium ions in surfactant function. Benson BJ, et al. **Exp Lung Res** 1984;6(3–4):223–36

Characteristics of amino acid metabolism by isolated alveolar type II cells. Greenleaf RD. **Exp Lung Res** 1984;7(2):85–91

Accumulation of alveolar surfactant following delivery and ventilation of premature lambs. Jacobs H, et al. **Exp Lung Res** 1985;8(2–3):125–40

Stimulation of DNA synthesis in cultured rat alveolar type II cells. Leslie CC, et al. **Exp Lung Res** 1985;8(1):53–66

Ability of rabbit alveolar macrophages to dissolve metals. Lundborg M, et al. **Exp Lung Res** 1984;7(1):11–22

The sex difference in type II cell surfactant synthesis originates in the fibroblast in vitro. Torday JS. **Exp Lung Res** 1984;7(3–4):187–94

Regulation of transport across pulmonary alveolar epithelial cell monolayers. Goodman BE, et al. **J Appl Physiol** 1984 Sep;57(3):703–10

Alveolar permeability to protein in rats differentially susceptible to ozone. Costa DL, et al. **J Appl Toxicol** 1985 Jun;5(3):182–6

Cytosolic calcium, calcium fluxes, and regulation of alveolar macrophage superoxide anion production. Stickle DF, et al. **J Cell Physiol** 1984 Dec;121(3):458–66

Isolation and structural identification of 1,25–dihydroxyvitamin D3 produced by cultured alveolar macrophages in sarcoidosis. Adams JS, et al. **J Clin Endocrinol Metab** 1985 May;60(5):960–6

Metabolism of 7,12–dimethylbenz(a)anthracene by alveolar macrophages containing ingested ferric oxide, aluminum oxide or carbon particles. Palmer WG, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4–5):261–70

Alveolar–arterial oxygen gradients versus the Neonatal Pulmonary Insufficiency Index for prediction of mortality in ECMO candidates. Krummel TM, et al. **J Pediatr Surg** 1984 Aug;19(4):380–4

Pulmonary epithelial permeability in hyaline membrane disease [letter] Kumar RK. **N Engl J Med** 1985 Feb 28; 312(9):585–6

Superoxide anion generation by alveolar macrophages in Crohn's disease [letter] Wallaert B, et al. **N Engl J Med** 1985 Feb 14;312(7):444–5

Electron microscopic studies on the lung of the salamander, Hynobius nebulosus: II. Osmiophilic lamellar bodies and alveolar surfactant. Matsumura H. **Okajimas Folia Anat Jpn** 1984 Dec;61(5):371–85

Glucocorticoids preferentially increase fetal alveolar beta–adrenoreceptors: autoradiographic evidence. Barnes P, et al. **Pediatr Res** 1984 Nov;18(11):1191–4

Uptake of lectins by pulmonary alveolar type II cells: subsequent deposition into lamellar bodies. Williams MC. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6383–7

Effects of breathing pattern and oxygen upon the alveolar arterial oxygen pressure difference in lung disease. Ploysongsang Y, et al. **Respiration** 1985;47(1):39–47

Enflurane and isoflurane inhibit the oxidative activity of pulmonary alveolar macrophages. Welch WD. **Respiration** 1985;47(1):24–9

Serotonin receptors on pulmonary alveolar macrophages. Essman EJ. **Ric Clin Lab** 1985 Jan–Mar;15(1):19–24

Alterations in alveolar clearance after 4–ipomeanol–induced necrosis of Clara and ciliated cells in the terminal bronchiole of the rat. Newton PE, et al. **Toxicol Appl Pharmacol** 1985 Sep 30;80(3):534–41

Immunoelectronmicroscopic study on the transport of secretory IgA in the lower respiratory tract and alveoli. Haimoto H, et al. **Virchows Arch [A]** 1984;404(4):369–80

[Evaluation of various immunobiochemical indicators in the serum and bronchoalveolar washings of patients with bronchiectasis and atopic asthma] Plusa T, et al. **Pneumonol Pol** 1984 Sep;52(9):435–40 (Eng. Abstr.) **(Pol)**

[Corticosterone reception by alveolar macrophages when their functional activity has changed] Shishkina LN, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):76–8 (Eng. Abstr.) **(Rus)**

[Correction of the surfactant system of the lungs (review of the literature)] Berezovskii VA, et al. **Vrach Delo** 1985 Jun;(6):36–9 **(Rus)**

MICROBIOLOGY

Further studies of the reasons for the lack of alveolar infection during influenza in ferrets. Sweet C, et al.

Br J Exp Pathol 1985 Apr;66(2):217–31

Slow virus–macrophage interactions. Characterization of a transformed cell line of sheep alveolar macrophages that express a marker for susceptibility to ovine–caprine lentivirus infections. Gendelman HE, et al. **Lab Invest** 1984 Nov;51(5):547–55

Lymphadenopathy–associated virus isolated from bronchoalveolar lavage fluid in AIDS–related complex with lymphoid interstitial pneumonitis [letter] Ziza JM, et al. **N Engl J Med** 1985 Jul 18;313(3):183

Gram–negative bacterial endotoxins in airborne dusts from washed and unwashed cottons. Olenchock SA. **Z Erkr Atmungsorgane** 1984;163(3):208–16

PATHOLOGY

Alveolar lymphocytes in the follow–up of sarcoidosis. Carreiro G, et al. **Allergol Immunopathol (Madr)** 1984 Sep–Oct;12(5):377–82

Clara cell adenomas of the mouse lung. Interaction with alveolar type 2 cells. Palmer KC. **Am J Pathol** 1985 Sep; 120(3):455–63

Modification by hyperoxia in vivo of endotoxin–induced neutrophil alveolitis in rats. Production of chemotactic factors by alveolar macrophages and ultrastructure. Christman JW, et al. **Am Rev Respir Dis** 1985 Jul; 132(1):152–8

Abnormal bronchoalveolar lavage in asymptomatic dairy farmers. Study of lymphocytes. Cormier Y, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1046–9

Effect of changing instilled volume for bronchoalveolar lavage in patients with interstitial lung disease. Dohn MN, et al. **Am Rev Respir Dis** 1985 Aug;132(2):390–2

Characterization of the bronchoalveolar cellular response in experimental asbestosis. Different reactions depending on the fibrogenic potential. Lemaire I. **Am Rev Respir Dis** 1985 Jan;131(1):144–9

Increases in airway reactivity to histamine and inflammatory cells in bronchoalveolar lavage after the late asthmatic response in an animal model. Marsh WR, et al. **Am Rev Respir Dis** 1985 Jun;131(6):875–9

Accurate quantification of cells recovered by bronchoalveolar lavage. Saltini C, et al. **Am Rev Respir Dis** 1984 Oct;130(4):650–8

Bronchoalveolar lavage and lung histology. Comparative analysis of inflammatory and immunocompetent cells in patients with sarcoidosis and hypersensitivity pneumonitis. Semenzato G, et al. **Am Rev Respir Dis** 1985 Aug; 132(2):400–4

Alteration of b[illegible]oalveolar cells during murine cytomegalovirus interstitial pneumonitis. Shanley JD, et al. **Am Rev Respir Dis** 1985 Jul;132(1):77–81

Experimental polymyxin B–induced interstitial lung disease characterized by an accumulation of cytotoxic eosinophils in the alveolar structures. Sun XH, et al. **Am Rev Respir Dis** 1985 Jan;131(1):103–8

Bronchoalveolar lavage: role in the pathogenesis, diagnosis, and management of interstitial lung disease. Daniele RP, et al. **Ann Intern Med** 1985 Jan;102(1):93–108 (138 ref.)

Diffuse alveolar damage and interstitial fibrosis in acquired immunodeficiency syndrome patients without concurrent pulmonary infection. Ramaswamy G, et al. **Arch Pathol Lab Med** 1985 May;109(5):408–12

The current clinical value of broncho–alveolar lavage: a personal view [editorial] Turner–Warwick M. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):171–3

Bronchoalveolar lavage and clearance of 99m–Tc–DTPA in asbestos workers without evidence of asbestosis. Gellert AR, et al. **Br J Dis Chest** 1985 Jul;79(3):251–7

Severe diffuse small airways abnormalities in long term chrysotile asbestos miners. Wright JL, et al. **Br J Ind Med** 1985 Aug;42(8):556–9

Summary and recommendations of a workshop on the investigative use of fiberoptic bronchoscopy and bronchoalveolar lavage in asthmatic patients. **Chest** 1985 Jul;88(1):136–8

Adult bronchiolitis. Evaluation by bronchoalveolar lavage and response to prednisone therapy. Dorinsky PM, et al. **Chest** 1985 Jul;88(1):58–63

Methods for bronchoalveolar lavage in asthmatic patients following bronchoprovocation and local antigen challenge. Metzger WJ, et al. **Chest** 1985 Jan;87(1 Suppl):16S–19S

Bronchoalveolar lavage for research purposes in the immunocompromised host [editorial] Rankin JA. **Chest** 1985 Sep;88(3):319–20

Evidence of lymphocyte alveolitis in Crohn's disease. Wallaert B, et al. **Chest** 1985 Mar;87(3):363–7

Pulmonary cell populations in the immunosuppressed patient. Bronchoalveolar lavage findings during episodes of pneumonitis. White DA, et al. **Chest** 1985 Sep;88(3):352–9

Use of bronchoalveolar lavage to detect lung damage. Henderson RF. **Environ Health Perspect** 1984 Jun; 56:115–29 (107 ref.)

The influence of amosite asbestos exposure on lung permeability. Dodson RF, et al. **Environ Res** 1984 Dec; 35(2):497–506

Inhalation studies of Mt. St. Helens volcanic ash in animals: respiratory mechanics, airway reactivity and deposition. Wiester MJ, et al. **Environ Res** 1985 Feb;36(1):230–40

Alterations in alveolar macrophages in hamsters developing pulmonary fibrosis. Tryka AF, et al. **Exp Lung Res** 1984; 7(1):41–52

Studies on asphyxia: on the changes of the alveolar walls of rats in the hypoxic state. Morita M, et al. **Forensic Sci Int** 1985 Feb;27(2):81–92

'Interstitial pathology': an overview of the chronic interstitial lung disorders. Cantin A, et al. **Int Arch Allergy Appl Immunol** 1985;76 Suppl 1:83–91

How does positive end–expiratory pressure reduce intrapulmonary shunt in canine pulmonary edema? Malo J, et al. **J Appl Physiol** 1984 Oct;57(4):1002–10

Bronchoalveolar lavage. Nath AR, et al. **J Assoc Physicians India** 1985 Apr;33(4):287–91

Alveolar hemorrhage syndromes: diffuse microvascular lung hemorrhage in immune and idiopathic disorders. Leatherman JW, et al. **Medicine (Baltimore)** 1984 Nov; 63(6):343–61 (115 ref.)

Bronchoalveolar lavage findings in pulmonary paracoccidioidomycosis. Boscardin RN, et al. **Sabouraudia** 1985 Apr;23(2):143–6

Bronchoalveolar lavage in acute drug–hypersensitivity pneumonitis probably caused by phenytoin. Munn NJ, et al. **South Med J** 1984 Dec;77(12):1594–6

Comparison of cell profiles of bronchial and bronchoalveolar lavage fluids between normal subjects and patients with idiopathic pulmonary fibrosis. Yasuoka S, et al. **Tohoku J Exp Med** 1985 May;146(1):33–45

[Pneumopathies caused by hypersensitivity to amiodarone and associated nephropathies. Study by alveolar lavage] Caubarrère I, et al. **Ann Med Interne (Paris)** 1985; 136(4):311–5 (Eng. Abstr.) **(Fre)**

[Acute pancreatitis and respiratory complications. An experimental study] Cavin R, et al. **Helv Chir Acta** 1985 Jan;51(6):675–7 (Eng. Abstr.) **(Fre)**

[Bronchoalveolar lavage data in localized pulmonary tuberculosis] Harf R, et al. **Rev Pneumol Clin** 1985; 41(2):101–5 (Eng. Abstr.) **(Fre)**

[Pulmonary sarcoidosis. Study of the distribution of active alveolitis assessed by comparison of data from radiological examination, gallium 67 scintigraphy and double bronchoalveolar lavage] Perrin–Fayolle M, et al. **Rev Pneumol Clin** 1985;41(1):31–7 (Eng. Abstr.) **(Fre)**

[Bronchoalveolar lavage: its application to the diagnosis of allergic alveolitis] Molina C. **Tunis Med** 1983 May–Jun; 61(3):163–5 **(Fre)**

[Diagnostic bronchoalveolar lavage] Filippow VP, et al. **Z Erkr Atmungsorgane** 1984;163(2):107–11 (Eng. Abstr.) **(Ger)**

[Lymphocyte populations in bronchoalveolar lavage fluid in various interstitial lung diseases] Müller S, et al. **Z Erkr Atmungsorgane** 1984;163(2):140–5 (Eng. Abstr.) **(Ger)**

[Bronchoalveolar lavage] Rubin R. **Z Erkr Atmungsorgane** 1985;164(1):4–18 (Eng. Abstr.) **(Ger)**

[Broncho–alveolar lavage] Struhar D, et al. **Harefuah** 1984 Dec 2;107(11):321–2 (Eng. Abstr.) **(Heb)**

[Pulmonary granuloma and alveolitis—common morphology and different histogenesis] Iwai K. **Kekkaku** 1984 Dec; 59(12):633–46 (Eng. Abstr.) **(Jpn)**

[Morphometric analysis of the disorganization process of the alveolar structures in paraquat toxicity] Takahashi T, et al. **Kokyu To Junkan** 1985 Jan;33(1):85–91 (Eng. Abstr.) **(Jpn)**

[Morphometric and dispersion analysis of the components of the lung acinus during total cooling] Milovanov AP, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):617–8 (Eng. Abstr.) **(Rus)**

[Experimental study of the effect of coal ash from thermoelectric power plants on alveolar macrophages in rats] Koval'chuk VK. **Gig Sanit** 1985 Feb;(2):76–7 **(Rus)**

[Changes in the activity of lysosomal enzymes of alveolar macrophages and neutrophils in various lung diseases] Bulychev AG, et al. **Probl Tuberk** 1984 Aug;(8):62–5 (Eng. Abstr.) **(Rus)**

[Subsegmental bronchoalveolar lavage in the diagnosis of inflammatory and disseminated processes in the lungs] Gerasin Va, et al. **Ter Arkh** 1985;57(3):99–102 (Eng. Abstr.) **(Rus)**

[Bronchoalveolar lavage in diffuse interstitial lung diseases] Mušič E, et al. **Plucne Bolesti** 1984 Jan–Jun;36(1–2):69–72 (Eng. Abstr.) **(Scr)**

PHYSIOLOGY

Alveolar pressure magnitude and asynchrony during high–frequency oscillations of excised rabbit lungs. Allen JL, et al. **Am Rev Respir Dis** 1985 Aug;132(2):343–9

Human alveolar macrophage inhibition of lung fibroblast growth. A prostaglandin–dependent process. Elias JA, et al. **Am Rev Respir Dis** 1985 Jan;131(1):94–9

Elevated lung volume and alveolar pressure during jet ventilation of rabbits. Frantz ID 3d, et al. **Am Rev Respir Dis** 1985 Jan;131(1):134–8

Effect of right–to–left shunting on alveolar dead space. Mecikalski MB, et al. **Bull Eur Physiopathol Respir** 1984 Nov–Dec;20(6):513–9

Estimation of alveolar pressure variations during panting [letter] Bégin P, et al. **Chest** 1985 May;87(5):701

Factors affecting the 'alveolar deposition' of 5 microns inhaled particles in healthy subjects. Agnew JE, et al. **Clin Phys Physiol Meas** 1985 Feb;6(1):27–36

Mixing of gas within the alveolar space. Cumming G. **Clin Physiol** 1985;5 Suppl 3:33–7

Morphology and respiratory function of the alveolar unit. Burri PH. **Int Arch Allergy Appl Immunol** 1985;76 Suppl 1:2–12

Alveolar gas exchange during exercise: a single–breath analysis. Allen CJ, et al. **J Appl Physiol** 1984 Dec; 57(6):1704–9

Nonhomogeneity of lung response to inhaled histamine assessed with alveolar capsules. Fredberg JJ, et al. **J Appl Physiol** 1985 Jun;58(6):1914–22

Alveolar pressure nonhomogeneity during small–amplitude high–frequency oscillation. Fredberg JJ, et al. **J Appl Physiol** 1984 Sep;57(3):788–800

Role of surfactant in the alveolus [letter] Hills BA. **J Appl Physiol** 1985 Aug;59(2):660–2

Mean airway pressure and alveolar pressure during high–frequency ventilation. Simon BA, et al. **J Appl Physiol** 1984 Oct;57(4):1069–78

Regional alveolar pressure during periodic flow. Dual manifestations of gas inertia. Allen JL, et al. **J Clin Invest** 1985 Aug;76(2):620–9

Characterization of the extracellular bactericidal factors of rat alveolar lining material. Coonrod JD, et al. **J Clin Invest** 1984 Oct;74(4):1269–79

Rate of change of alveolar carbon dioxide and the control of ventilation during exercise. Allen CJ, et al. **J Physiol (Lond)** 1984 Oct;355:1–9

Arguments against and alternatives for an extracellular surfactant layer in the alveoli of mammalian lung. Colacicco G. **J Theor Biol** 1985 Jun 21;114(4):641–56

The quantity and function of pulmonary alveolar macrophages after splenectomy and Corynebacterium parvum. Cioffi WG, et al. **J Trauma** 1985 May;25(5):405–9

Alveolar pressure swings during high frequency ventilation in rabbits. Frantz ID 3d, et al. **Pediatr Res** 1985 Feb; 19(2):162–6

Endocytosis in alveolar type II cells: effect of charge and size of tracers. Williams MC. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6054–8

Alveolar liquid pressure measured using micropipets in isolated rabbit lungs. Lai–Fook SJ, et al. **Respir Physiol** 1984 Jul;57(1):61–72

Seal lungs collapse during free diving: evidence from arterial nitrogen tensions. Falke KJ, et al. **Science** 1985 Aug 9; 229(4713):556–8

Surface morphology and function of human pulmonary alveolar macrophages from smokers and non–smokers. Ando M, et al. **Thorax** 1984 Nov;39(11):850–6

Surface pressure hysteresis of mixed lipid/protein monolayers: applications to the alveolar dynamics. Mutafchieva R, et al. **Z Naturforsch** [C] 1984 Sep–Oct; 39(9–10):965–72

[External gamma–ray counting method for alveolar septal permeability] Kanazawa M, et al. **Kokyu To Junkan** 1985 May;33(5):615–9 **(Jpn)**

[Measurement of alveolar pressure during forced respiration using a whole–body plethysmography] Liubimov GA. **Fiziol Cheloveka** 1985 Jan–Feb;11(1):69–78 **(Rus)**

PHYSIOPATHOLOGY

Volume limited ventilation for treatment of severe respiratory distress in neonates. Franckx J, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:379–86

Bronchoalveolar eosinophilia during allergen–induced late asthmatic reactions. De Monchy JG, et al. **Am Rev Respir Dis** 1985 Mar;131(3):373–6

Dissemination of Pseudomonas aeruginosa during lung infection in hamsters. Role of oxygen–induced lung injury. Johanson WG Jr, et al. **Am Rev Respir Dis** 1985 Aug; 132(2):358–61

Acute cigarette smoke exposure increases alveolar permeability in rabbits. Witten ML, et al. **Am Rev Respir Dis** 1985 Aug;132(2):321–5

The effect of surgery with cardiopulmonary bypass on alveolar–capillary barrier function in human beings. Royston D, et al. **Ann Thorac Surg** 1985 Aug;40(2):139–43

Canine nonresponders to alveolar hypoxic vasoconstriction and quantitative restoration of the response by aspirin I–3. Siefkin AD, et al. **Clin Exp Pharmacol Physiol** 1984 Nov–Dec;11(6):579–88

Effect of intra–alveolar meconium on pulmonary surface tension properties. Chen CT, et al. **Crit Care Med** 1985 Apr;13(4):233–6

Air–blood barrier thickness and blood gas changes in sepsis. Olson LM, et al. **Curr Surg** 1985 Jul–Aug;42(4):295–7

Resolution of pulmonary inflammation. Henson PM, et al. **Fed Proc** 1984 Oct;43(13):2799–806

Mechanisms and measurement of injury to the alveolar–capillary barrier. Jones JG. **Int Anesthesiol Clin** 1984 Winter;22(4):131–48

A protein from airways of premature lambs that inhibits surfactant function. Ikegami M, et al. **J Appl Physiol** 1984 Oct;57(4):1134–42

Estimation of changes in alveolar–arterial oxygen gradient induced by hypoxia. Hoffstein V, et al. **J Lab Clin Med** 1984 Nov;104(5):685–92

Alveoli and abnormal surfactant [letter] Morley CJ, et al. **Lancet** 1985 Jun 8;1(8441):1329–30

Spherical alveoli and sudden infant lung collapse syndrome [letter] Talbert DG, et al. **Lancet** 1985 Jul 27;2(8448):217–8

A bimodal form of alveolar behaviour induced by a defect in lung surfactant—a possible mechanism for sudden infant death syndrome. Talbert DG, et al. **Lancet** 1985 Mar 30; 1(8431):727–8

RADIATION EFFECTS

The effect of X-radiation on the process of lung clearance after inhalation of bacteria labelled with 3H-thymidine. Baltrukiewicz Z, et al. **Acta Physiol Pol** 1983 Sep-Dec; 34(5-6):519-23

Effects of dose rate and dose fractionation of irradiation on pulmonary alveolar macrophage colony-forming cells. Lin HS, et al. **Radiat Res** 1985 Aug;103(2):260-5

RADIOGRAPHY

[Diagnostic significance of liquid-filled alveolography (LFA) in idiopathic or collagenosis-induced interstitial pneumonia] Amitani R, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Apr; 22(4):277-87 (Eng. Abstr.) **(Jpn)**

[Alveolar microlithiasis--a case report] Mizoguchi K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar;23(3):385-5 (Eng. Abstr.) **(Jpn)**

[Roentgenological diagnosis of fungal alveolitis (clinico-experimental study)] Amosov IS, et al. **Vestn Rentgenol Radiol** 1984 Sep-Oct;(5):30-5 (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

Ga-67 scanning in the evaluation of the disease activity of T-cell alveolitis in sarcoidosis. Ichikawa Y, et al. **Kurume Med J** 1984;31(1):7-13

SECRETION

Effect of cytochalasins on surfactant release from alveolar type II cells. Rice WR, et al. **Biochim Biophys Acta** 1984 Sep 14;805(1):12-8

Inhibition of surfactant release from isolated Type II cells by compound 48/80. Rice WR, et al. **Biochim Biophys Acta** 1984 Nov 13;805(3):261-7

Quantification of proteins in tracheobronchoalveolar lavage fluid by isoelectric focusing and scanning densitometry. A methodological study on rats. Stelander M. **Eur J Respir Dis [Suppl]** 1984;138:1-134

ULTRASTRUCTURE

Experimental bovine respiratory syncytial virus infection in conventional calves: ultrastructural respiratory lesions. Castleman WL, et al. **Am J Vet Res** 1985 Mar;46(3):554-60

The neonatal porcine lung: ultrastructural morphology and postnatal development of the terminal airways and alveolar region. Winkler GC, et al. **Anat Rec** 1984 Oct;210(2):303-13

Histological preservation and ultrastructure of alveolar surfactant. Gil J. **Annu Rev Physiol** 1985;47:753-63 (44 ref.)

Ultrastructural localization and characterization of proteoglycans in human lung alveoli. van Kuppevelt TH, et al. **Eur J Cell Biol** 1985 Jan;36(1):74-80

Isolation and characterization of a rat lung fraction enriched in alveolar wall basement membranes. Zibrak JD, et al. **Exp Lung Res** 1985;8(1):15-28

The surface coating of the pneumonocytes in human neonatal lung. Meban C. **J Anat** 1984 Sep;139 (Pt 2):371-85

Role of microtubules in surfactant secretion. Brown LA, et al. **J Appl Physiol** 1985 Jun;58(6):1866-73

Ultrastructural and microanalytical studies on alveolar foreign bodies in stray dogs of the snowy districts of Japan with special reference to air pollution caused by studded tires of automobiles. Yamashina S, et al. **J Electron Microsc (Tokyo)** 1984;33(1):46-53

Population and ultrastructural changes in murine alveolar cells following 239PuO2 inhalation. Heppleston AG, et al. **J Pathol** 1985 Jul;146(3):155-66

Scanning electron microscopic study of the lower respiratory tract in calves and adult cattle. Iovannitti B, et al. **Res Vet Sci** 1985 Jan;38(1):80-7

[Ultrastructural study of type II alveolar cell response to acute lung injury] Yang SC. **Taiwan I Hsueh Hui Tsa Chih** 1985 Mar;84(3):317-22 (Eng. Abstr.) **(Chi)**

[Electron microscopic detection of calcium ions at different stages of normal surfactant formation and during body cooling] Lutsenko MT, et al. **Biull Eksp Biol Med** 1985 May;99(5):629-32 (Eng. Abstr.) **(Rus)**

PULMONARY ARTERY

Exfoliative cytology of angiosarcoma of the pulmonary artery. Nguyen GK. **Acta Cytol (Baltimore)** 1985 Jul-Aug; 29(4):624-7

Transcatheter embolization of multiple pulmonary artery aneurysms in Behçet's syndrome. Report of a case. Lacombe P, et al. **Acta Radiol [Diagn] (Stockh)** 1985 May-Jun;26(3):251-3

Massive hemoptysis of pulmonary arterial origin: diagnosis and treatment. Remy J, et al. **AJR** 1984 Nov;143(5):963-9

Echocardiographic recognition of pulmonary artery endarteritis in patent ductus arteriosus. Vargas-Barron J, et al. **Am Heart J** 1985 Feb;109(2):368-70

Thrombosis complicating balloon angioplasty of left pulmonary artery stenosis after Fontan's procedure: successful treatment with intravenous streptokinase. Di Sessa TG, et al. **Am J Cardiol** 1985 Feb 15;55(5):610-1

Ventricular arrhythmias during pulmonary artery catheterization in the intensive care unit. Prospective study. Iberti TJ, et al. **Am J Med** 1985 Mar;78(3):451-4

Experience with the pulmonary artery catheter in obstetrics and gynecology. Clark SL, et al. **Am J Obstet Gynecol** 1985 Jun 15;152(4):374-8

Is pulmonary artery catheterization necessary for the diagnosis of pulmonary edema? [letter] Kariman K, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1188-9

Valsalva maneuver in pulmonary artery catheterization [letter] Atkin DH. **Anesth Analg** 1985 Aug;64(8):844

Proximal port dysfunction in pulmonary artery catheters inserted from the right subclavian vein [letter] Badenhorst CH. **Anesthesiology** 1985 Apr;62(4):546-7

Short-term sterility of the pulmonary artery catheter inserted through an external plastic shield. Johnston WE, et al. **Anesthesiology** 1984 Oct;61(4):461-4

A complication of multipurpose pacing pulmonary artery catheterization via the external jugular vein approach [letter] Lawson D, et al. **Anesthesiology** 1985 Mar; 62(3):377-8

The cult of the Swan-Ganz catheter. Overuse and abuse of pulmonary flow catheters. Robin ED. **Ann Intern Med** 1985 Sep;103(3):445-9

Arch vessel injury during pulmonary artery catheter placement. Kron IL, et al. **Ann Thorac Surg** 1985 Mar; 39(3):223-4

The hemodynamic effects and mechanism of action of pulmonary artery balloon counterpulsation in the treatment of right ventricular failure during left heart bypass. Spence PA, et al. **Ann Thorac Surg** 1985 Apr;39(4):329-35

Pulmonary artery balloon counterpulsation for treatment of intraoperative right ventricular failure. Symbas PN, et al. **Ann Thorac Surg** 1985 May;39(5):437-40

Effect of acetylsalicylic acid on pulmonary arteriosclerosis induced by a one-year Dirofilaria immitis infection. Rawlings CA, et al. **Arteriosclerosis** 1985 Jul-Aug; 5(4):355-65

Left coronary-pulmonary artery fistulae in a subject with mitral stenosis: a case report. Gherarducci G, et al. **Boll Soc Ital Cardiol** 1984 May-Jun;29(5-6):283-8

Anomalous origin of the left coronary artery from the pulmonary artery in an adult. Vesterlund T, et al. **Br Heart J** 1985 Jul;54(1):110-2

Haemodynamic monitoring: pulmonary artery catheterization. Whalley DG. **Can Anaesth Soc J** 1985 May; 32(3 Pt 1):299-305 (21 ref.)

Sudden death associated with compression of pulmonary arteries in sarcoidosis. Martin JM, et al. **Can Med Assoc J** 1985 Sep 1;133(5):423-4

Sarcoidosis, pulmonary hypertension, and acquired peripheral pulmonary artery stenosis. Mangla A, et al. **Cathet Cardiovasc Diagn** 1985;11(1):69-74

Two-dimensional and pulsed Doppler echocardiographic abnormalities in coronary artery-pulmonary artery fistula. Chia BL, et al. **Chest** 1984 Dec;86(6):901-4

Ventricular arrhythmias during insertion and removal of pulmonary artery catheters. Damen J. **Chest** 1985 Aug; 88(2):190-3

Prolonged catheterization. A rare cause of pulmonary atheroma. Fievez M, et al. **Chest** 1985 Jul;88(1):154

Irreversible hypercapnia secondary to embolic occlusion of the pulmonary artery. Padmanabhan K, et al. **Chest** 1984 Dec;86(6):927-8

Urokinase treatment of pulmonary artery thrombosis complicating the pediatric nephrotic syndrome. Beaufils F, et al. **Crit Care Med** 1985 Feb;13(2):132-4

Non-invasive measurement of pulmonary arterial pressure in patients with chronic lung disease. Bishop JM. **G Ital Cardiol** 1984;14 Suppl 1:46-8

A case of pulmonary vascular occlusive disease: comparison of post-mortem radiography and histology. Pääkkö P, et al. **Histopathology** 1985 Feb;9(2):253-62

Idiopathic pulmonary arterial trunk aneurysm presenting as cor pulmonale: report of a case. Chiu B, et al. **Hum Pathol** 1985 Sep;16(9):947-9

Massive thrombosis as a result of triple infestation of the pulmonary arterial circulation by Ascaris, Candida, and Mucor. Stermer E, et al. **Hum Pathol** 1984 Oct;15(10):996-8

Clinical use and bacteriological studies of catheter contamination sleeves. Baele P, et al. **Intensive Care Med** 1984;10(6):297-300

Rupture of left sinus of Valsalva aneurysm into the pulmonary artery. Heilman KJ 3d, et al. **J Am Coll Cardiol** 1985 Apr;5(4):1005-7

Right coronary artery-pulmonary artery arteriovenous fistula secondary to open heart surgery. Rothschild AH, et al. **J Am Coll Cardiol** 1985 Oct;6(4):933-6

Regulation of increase in anastomotic blood flow following pulmonary arterial occlusion. Jindal SK, et al. **J Appl Physiol** 1985 Jul;59(1):180-2

Histamine-induced pulmonary edema distal to pulmonary arterial occlusion. Walkenstein MD, et al. **J Appl Physiol** 1985 Apr;58(4):1092-8

Removal of intravascular foreign bodies using modified Grollman catheter and Dormia basket. Clouse ME, et al. **J Can Assoc Radiol** 1984 Sep;35(3):305-7

Nonbacterial thrombotic endocarditis associated with severe preeclampsia and pulmonary artery catheterization. A case report. Chestnut DH, et al. **J Reprod Med** 1985 Jun; 30(6):497-500

Traumatic fistula between the descending thoracic aorta and the left main pulmonary artery. Snow N, et al. **J Trauma** 1985 Mar;25(3):263-5

Case of the season. Acute aortic dissection compressing and occluding the right pulmonary artery. Milton T. **Semin Roentgenol** 1985 Jan;20(1):5-6

Simultaneous aortic and pulmonary artery aneurysms due to giant cell arteritis. Dennison AR, et al. **Thorax** 1985 Feb;40(2):156-7

Necrosis and rupture of the aorta and pulmonary trunk in four horses. van der Linde-Sipman JS, et al. **Vet Pathol** 1985 Jan;22(1):51-3

[Hereditary hemorrhagic telangiectasia with pulmonary arteriovenous fistula] Thomassen E, et al. **Ugeskr Laeger** 1984 Sep 19;146(38):2874-5 (Eng. Abstr.) **(Dan)**

[Acquired aortopulmonary fistula, unusual development of Valsalva's sinus aneurysm (letter)] Bazelly B, et al. **Presse Med** 1985 Jan 19;14(2):103-4 **(Fre)**

[Multiple pulmonary artery aneurysms in Behcet's disease. Value of intravascular embolization (letter)] Lacombe P, et al. **Presse Med** 1985 May 4;14(18):1039 **(Fre)**

[An autopsy case of sudden death by obstruction of the pulmonary artery in cardiac rhabdomyosarcoma] Masuda T, et al. **Gan No Rinsho** 1985 May;31(5):559-62 (Eng. Abstr.) **(Jpn)**

[Pulmonary artery aneurysm associated with atrial septal defect and pulmonary regurgitation] Tabayashi K, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Oct;32(10):1880-5 (Eng. Abstr.) **(Jpn)**

[Pulmonary artery aneurysm associated with pulmonary stenosis] Maehara T, et al. **Rinsho Kyobu Geka** 1984 Sep; 4(5):613-8 (Eng. Abstr.) **(Jpn)**

[Pulmonary artery aneurysm with rupture] Galankina IE, et al. **Arkh Patol** 1985;47(3):62-6 (Eng. Abstr.) **(Rus)**

[Idiopathic dilatation of the pulmonary artery trunk] Loviagin EV, et al. **Klin Med (Mosk)** 1984 Aug;62(8):134-6 **(Rus)**

[Diagnosis and differential diagnosis of arteriovenous aneurysms of the pulmonary blood vessels in an antituberculosis dispensary] Gronostaiskiĭ VS. **Probl Tuberk** 1984 Sep;(9):20-3 (Eng. Abstr.) **(Rus)**

[Periarteritis nodosa with predominant involvement of the kidneys and lungs] Evdokimov VG, et al. **Sov Med** 1985; (2):117-9 **(Rus)**

[2 cases of intravascular closure of multiple arteriovenous fistulas of the right lung] Neklasov IuF, et al. **Vestn Rentgenol Radiol** 1984 Sep-Oct;(5):91-2 **(Rus)**

[A case of thromboangiitis obliterans] Drozdov DD, et al. **Vrach Delo** 1985 Apr;(4):53-5 **(Rus)**

[A case of visceral thromboangiitis associated with congenital mitral valve defect] Shpak BIu, et al. **Vrach Delo** 1985 Apr; (4):51-3 **(Rus)**

[Idiopathic dilatation of the pulmonary artery. Case report (letter)] Canela P, et al. **Rev Clin Esp** 1985 Feb;176(3):158-9 **(Spa)**

ABNORMALITIES

Angiography in chest diseases. IV. Congenital and acquired diseases of pulmonary vessels, lung cysts, aspergilloma, and haemoptysis. Polák J. **Acta Univ Carol [Med] (Praha)** 1984; 30(3-4):217-45

Multiple coronary-to-pulmonary artery fistulas with progressive aneurysmal dilatation. Egashira K, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):1038-40

Absent right pulmonary artery with atrial septal defect. Kumar A, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):1037-8

Cardiac metabolism and coronary hemodynamics before and after bypass surgery for anomalous origin of the left main coronary artery from the pulmonary trunk. Bagger JP, et al. **Am J Cardiol** 1985 Mar 1;55(6):864-5

Noninvasive detection of anomalous origin of the left main coronary artery from the pulmonary trunk by pulsed Doppler echocardiography. King DH, et al. **Am J Cardiol** 1985 Feb 15;55(5):608-9

Direct reconstruction of pulmonary artery arborization anomaly and intracardiac repair of pulmonary atresia with ventricular septal defect. Pacifico AD, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1647-9

Anomalous origin of the left anterior descending coronary artery from the pulmonary trunk with origin of the right and left circumflex coronary arteries from the aorta. Roberts WC, et al. **Am J Cardiol** 1984 Dec 1;54(10):1381-3

Origin of the right coronary artery from the pulmonary trunk: diagnosis by two-dimensional echocardiography. Worsham C, et al. **Am J Cardiol** 1985 Jan 1;55(1):232-3

Pulmonary arteriovenous malformations related to Rendu-Osler-Weber syndrome. McCue CM, et al. **Am J Med Genet** 1984 Sep;19(1):19-27

Non-invasive assessment of pulmonary blood supply after staged repair of pulmonary atresia. Del Torso S, et al. **Br Heart J** 1985 Aug;54(2):209-14

Tetralogy of Fallot with major aortopulmonary collateral arteries. Ramsay JM, et al. **Br Heart J** 1985 Feb; 53(2):167-72

Coronary sinus type atrial septal defect in a child with pulmonary atresia and Ebstein's anomaly. Russell GA, et al. **Br Heart J** 1985 Apr;53(4):465-7

Neurological complications of pulmonary arteriovenous malformations. Dennis MS. **Br Med J [Clin Res]** 1985 May 11;290(6479):1392-3

Left coronary-pulmonary artery fistulae in a subject with mitral stenosis: a case report. Gherarducci G, et al. **Cardiologia** 1984 May-Jun;29(5-6):283-8

Value of computed tomography in the diagnosis of intrapulmonary arteriovenous shunts. Langer R, et al.

Cardiovasc Intervent Radiol 1984;7(6):277-9

Pulmonary A-V communications in COPD [letter] Jung RC, et al. **Chest** 1985 Aug;88(2):312

Direct communication between right pulmonary artery and left atrium. A case report. Miao WZ, et al. **Chin Med J [Engl]** 1984 Aug;97(8):623-6

Intravenous digital subtraction angiography to assess pulmonary artery anatomy in patients with the Alagille syndrome. Brindza D, et al. **Cleve Clin Q** 1984 Fall; 51(3):493-7

Unexpected death in an adult dog with anomalous origin of the left coronary artery from the pulmonary trunk. Turk MA, et al. **Cornell Vet** 1984 Oct;74(4):344-8

DSA--a helpful tool in diagnosis of aberrant left pulmonary artery (vascular sling) in adults. Mooyaart EL, et al. **Eur J Radiol** 1985 May;5(2):99-103

Pulmonary valve agenesis and supravalvular pulmonary stenosis. Report of a case and review of literature. Vignati G, et al. **G Ital Cardiol** 1984 Oct;14(10):821-4

Radionuclide diagnosis of anomalous origin of the right pulmonary artery from the ascending aorta (so-called hemitruncus). Long WA, et al. **Int J Cardiol** 1985 Aug; 8(4):492-6

Abnormal pulmonary artery branching in tetralogy of Fallot with 'absent' pulmonary valve. Milanesi O, et al. **Int J Cardiol** 1984 Sep;6(3):375-80

Absent pulmonary valve syndrome with associated anomalies of the pulmonary blood supply. Presbitero P, et al. **Int J Cardiol** 1984 Nov;6(5):587-98

Anomalous left coronary artery from the pulmonary artery: significance of associated intracardiac defects. Cottrill CM, et al. **J Am Coll Cardiol** 1985 Jul;6(1):237-42

Pulmonary scintigraphy in a patient with multiple pulmonary arteriovenous malformations and pulmonary embolism. Harding JA, et al. **J Nucl Med** 1985 Feb;26(2):151-4

Vascular rings and slings: long-term follow-up of pulmonary function. Marmon LM, et al. **J Pediatr Surg** 1984 Dec; 19(6):683-92

Hemitruncal sling: a newly recognized anomaly and its surgical correction. Ben-Shachar G, et al. **J Thorac Cardiovasc Surg** 1985 Jul;90(1):146-8

Management of congenital stenosis of a branch pulmonary artery with balloon dilation angioplasty. Report of 52 procedures. Ring JC, et al. **J Thorac Cardiovasc Surg** 1985 Jul;90(1):35-44

Hereditary hemorrhagic telangiectasia with a pulmonary arteriovenous fistula. Kim HJ, et al. **Jpn Circ J** 1984 Oct; 48(10):1087-90

Pulmonary artery clamping during Blalock-Taussig shunt--dead space effect. Baraka A, et al. **Middle East J Anaesthesiol** 1985 Feb;8(1):71-4

Congenital pulmonary arteriovenous malformations. Kim SK, et al. **NY State J Med** 1984 Nov;84(11):569-70

Pulmonary arteriovenous malformations. Terry PB. **NY State J Med** 1984 Nov;84(11):539-40

Ductal origin of the left pulmonary artery in severe tetralogy of Fallot: problems in management. Jedeikin R, et al. **Pediatr Cardiol** 1984;5(4):323-6

Single coronary artery originating from the right pulmonary artery. Kory WP, et al. **Pediatr Cardiol** 1984;5(4):301-6

Anomalous origin of right pulmonary artery from ascending aorta with right ventricular endocardial fibroelastosis. Pahlajani DB, et al. **Pediatr Cardiol** 1985;6(1):47-9

High-altitude pulmonary edema with absent right pulmonary artery. Rios B, et al. **Pediatrics** 1985 Feb;75(2):314-7

Isolated left thoracic isomerism. Winer-Muram H, et al. **Radiology** 1985 Apr;155(1):10

Pulmonary artery malformation syndrome. Grote WR, et al. **South Med J** 1984 Sep;77(9):1139-42, 1145

Congenital absence of the right pulmonary artery--a case report. Lin HI, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Dec;83(12):1315-21

Internal mammary artery as a palliative systemic-pulmonary shunt in order to develop diminutive pulmonary arteries. Sievers HH, et al. **Thorac Cardiovasc Surg** 1985 Feb; 33(1):51-2

Pulmonary arteriovenous fistula in childhood. Gonzalez R, et al. **Z Kinderchir** 1985 Apr;40(2):101-3

[Congenital communication of the right pulmonary vein with the left atrium (a case report)] Zhou SB. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1985 Mar; 13(1):50-1 **(Chi)**

[Vascular malformations imitating a patent ductus arteriosus] Balatka J, et al. **Cesk Pediatr** 1985 May;40(5):291-3 (Eng. Abstr.) **(Cze)**

[Anomalous origin of the left branch of the pulmonary artery as a cause of dyspnea in infants] Hruda J, et al. **Cesk Pediatr** 1984 Aug;39(8):472-4 (Eng. Abstr.) **(Cze)**

[Pulmonary artery sling causing tracheal obstruction] Horváth P, et al. **Rozhl Chir** 1985 Apr;64(4):241-8 (Eng. Abstr.) **(Cze)**

[Fissural aortopulmonary shunt. A new technic of systemic-pulmonary anastomosis] Neveux JY, et al. **Ann Chir** 1984 Oct;38(7):505-8 (Eng. Abstr.) **(Fre)**

[Complete repair of forms of Fallot's tetralogy with a single pulmonary artery. Surgical indications and results] Tran-Viet T, et al. **Ann Chir** 1985 Mar;39(2):123-6 (Eng. Abstr.) **(Fre)**

[Proximal and peripheral coronaro-pulmonary fistulae. Apropos of 10 cases] Bertinchant JP, et al. **Arch Mal Coeur** 1985 Apr;78(4):601-8 (Eng. Abstr.) **(Fre)**

[Left-right shunt caused by anomalous implantation of the left coronary artery in the trunk of pulmonary artery. Detection by contrast echocardiography] Terdjman M, et al. **Arch Mal Coeur** 1985 Jun;78(6):951-4 (Eng. Abstr.) **(Fre)**

[Surgical treatment of the abnormal origin of the left coronary artery from the pulmonary artery. The Bland-White-Garland syndrome] Greve H, et al. **Dtsch Med Wochenschr** 1985 May 17;110(20):795-8 (Eng. Abstr.) **(Ger)**

[Unilateral proximal aplasia of the pulmonary artery--studies on the clinical significance and embryologic interpretation] Hentrich F, et al. **Klin Padiatr** 1984 Sep-Oct;196(5):311-4 (Eng. Abstr.) **(Ger)**

[Diagnosis of congenital AV fistula in childhood--report of a clinical case] Krottmayer G, et al. **Klin Padiatr** 1984 Nov-Dec;196(6):388-91 (Eng. Abstr.) **(Ger)**

[Aberrant left pulmonary artery in adults] Gritzmann N, et al. **ROFO** 1985 Apr;142(4):463-5 **(Ger)**

[Combination of ventricular septal defect with unilateral pulmonary artery stenoses and contralateral pulmonary hypertension] Barth H, et al. **Z Kardiol** 1984 Nov; 73(11):710-6 (Eng. Abstr.) **(Ger)**

[Surgical treatment of the tetralogy of Fallot with a single pulmonary artery] Gamba A, et al. **G Ital Cardiol** 1984 Jul;14(7):499-504 (Eng. Abstr.) **(Ita)**

[Abnormal left pulmonary artery: a cause of severe newborn cardiorespiratory insufficiency] Carano N, et al. **Pediatr Med Chir** 1984 Sep-Oct;6(5):617-20 (Eng. Abstr.) **(Ita)**

[A case of idiopathic dilatation of the pulmonary artery] Hayashibe Y, et al. **Kokyu To Junkan** 1985 Mar; 33(3):469-72 (Eng. Abstr.) **(Jpn)**

[A successful correction of anomalous origin of the right pulmonary artery from the ascending aorta in a 16-day-old neonate] Kado H, et al. **Kyobu Geka** 1984 Sep;37(10):762-7 (Eng. Abstr.) **(Jpn)**

[Twelve cases of congenital coronary artery fistulas--an experience of 'the postoperative development of a new fistula'] Kino K, et al. **Kyobu Geka** 1985 Jun;38(6):433-8 (Eng. Abstr.) **(Jpn)**

[Pulmonary atresia with ventricular septal defect and right coronary-pulmonary artery fistula] Koide S, et al. **Kyobu Geka** 1984 Aug;37(9 Suppl):685-8 (Eng. Abstr.) **(Jpn)**

[A case of coronary artery-pulmonary artery fistula with a giant saccular aneurysm] Miyauchi Y, et al. **Kyobu Geka** 1985 May;38(5):408-11 (Eng. Abstr.) **(Jpn)**

[A case of surgical repair of bilateral multiple pulmonary arteriovenous fistula] Mizutani T, et al. **Kyobu Geka** 1984 Aug;37(9 Suppl):660-5 (Eng. Abstr.) **(Jpn)**

[A case of coronary-pulmonary arterial fistula involving bilateral coronary arteries] Muraguchi K, et al. **Kyobu Geka** 1985 May;38(5):399-403 (Eng. Abstr.) **(Jpn)**

[A case of coronary to pulmonary arterial fistulae--review and the consideration of surgical treatment] Sakamoto S, et al. **Kyobu Geka** 1984 Aug;37(9 Suppl):693-8 (Eng. Abstr.) **(Jpn)**

[Congenital coronary-pulmonary arterial fistula] Shimada S, et al. **Kyobu Geka** 1984 Nov;37(12):949-53 (Eng. Abstr.) **(Jpn)**

[Direct implantation of the left coronary artery to the ascending aorta in Bland-White-Garland syndrome--report of a case] Sunaga M, et al. **Kyobu Geka** 1985 Jun;38(6):492-6 (Eng. Abstr.) **(Jpn)**

[A case of complete repair of pulmonary atresia with non-confluent pulmonary arteries and ventricular septal defect] Yagi Y, et al. **Kyobu Geka** 1985 Mar;38(3):227-31 (Eng. Abstr.) **(Jpn)**

[General anesthesia for brain abscess drainage in a patient with pulmonary arteriovenous fistula] Chinzei M, et al. **Masui** 1984 Oct;33(10):1146-9 (Eng. Abstr.) **(Jpn)**

[Intrapulmonary tunnel repair for the anomalous origin of the left coronary artery from the pulmonary artery: report of a case] Saga T, et al. **Nippon Geka Hokan** 1985 Mar 1;54(2):136-42 (Eng. Abstr.) **(Jpn)**

[Abnormal branching of the left pulmonary artery to the lateral and posterior basal segments] Bamba J, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Mar;33(3):366-8 (Eng. Abstr.) **(Jpn)**

[A case of bilateral multiple pulmonary arteriovenous fistulas with Rendu-Osler-Weber disease] Fujihara T, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Nov; 32(11):2027-30 (Eng. Abstr.) **(Jpn)**

[Major aortopulmonary collateral-pulmonary arterial shunt for pulmonary atresia with ventricular septal defect and hypoplastic pulmonary arteries] Konno S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Apr;33(4):526-31 (Eng. Abstr.) **(Jpn)**

[A successful complete repair of pulmonary atresia with nonconfluent pulmonary arteries in 6-year-old boy] Kono N, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jun; 32(6):948-53 (Eng. Abstr.) **(Jpn)**

[A successful operative case of congenital rubella syndrome--subaortic membranous stenosis associated with VSD, PDA and branch PS] Sano S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Sep;32(9):1394-9 (Eng. Abstr.) **(Jpn)**

[Congenital subclavian-pulmonary steal syndrome] Okamoto Y, et al. **Rinsho Kyobu Geka** 1984 Sep;4(5):623-8 (Eng. Abstr.) **(Jpn)**

[Clinical symptoms in various respiratory tract anomalies in children] Ceglecka-Tomaszewska K, et al. **Pediatr Pol** 1984 Sep;59(9):743-8 (Eng. Abstr.) **(Pol)**

[Fistula between the right branch of the pulmonary artery and the left atrium] Iarygin AS, et al. **Grudn Khir** 1985 Mar-Apr;(2):86-7 **(Rus)**

[Origin of the aorta and pulmonary artery from the left ventricle] Ivanitskiĭ AV, et al. **Grudn Khir** 1985 Mar-Apr; (2):51-5 (Eng. Abstr.) **(Rus)**

[Aberrant left pulmonary artery] Maslov VI, et al. **Grudn Khir** 1985 Mar-Apr;(2):55-61 (Eng. Abstr.) **(Rus)**

[Angiocardiographic anatomy of the outlet of the right ventricle in tetralogy of Fallot] Kirakosian SV, et al. **Kardiologiia** 1984 Jul;24(7):46-8 (Eng. Abstr.) **(Rus)**

[Clinical aspects, diagnosis and surgical correction of congenital aortopulmonary septal defect] Volkolakov IaV, et al. **Kardiologiia** 1984 Jul;24(7):37-41 (Eng. Abstr.) **(Rus)**

[Two-dimensional echocardiography in the diagnosis of pulmonary artery atresia with a ventricular septal defect] Gel'shteĭn GG, et al. **Pediatriia** 1984 Nov;(11):24-7 (Eng. Abstr.) **(Rus)**

[Bland-White-Garland syndrome] P'ianov RP. **Pediatriia** 1984 Jul;(7):56-7 **(Rus)**

[Pulmonary atresia with intact interventricular septum (roentgenological study)] Golonzko RR, et al. **Vestn Rentgenol Radiol** 1985 Jan-Feb;(1):46-50 (Eng. Abstr.) **(Rus)**

[Diagnosis of pulmonary arteriovenous aneurysms] Zagorodskaia MM, et al. **Vrach Delo** 1985 May;(5):43-5 (Eng. Abstr.) **(Rus)**

[Correlation of electrocardiographic findings with the degree of hemodynamic severity in pulmonary artery stenosis and an intact ventricular septum] Jurko A, et al. **Bratisl Lek Listy** 1984 Aug;82(2):1026-32 (Eng. Abstr.) **(Slo)**

[Anomalous origin of the left coronary artery from the pulmonary artery. Surgical treatment of 2 cases in childhood] Flores S, et al. **Rev Esp Cardiol** 1985 Mar-Apr; 38(2):144-7 (Eng. Abstr.) **(Spa)**

ANALYSIS

Age-dependent changes of collagen and elastin content in human aorta and pulmonary artery. Hosoda Y, et al. **Angiology** 1984 Oct;35(10):615-21

ANATOMY & HISTOLOGY

Magnetic resonance (MR) imaging of aorta and pulmonary circulation. Initial experience with ECG-gating. Lallemand D, et al. **Ann Radiol (Paris)** 1985;28(3-4):289-98 **(Eng, Fre)**

Cardiosynchronous MRI intensity changes of the great vessels and pulmonary circulation. A preliminary report. Lallemand D, et al. **Ann Radiol (Paris)** 1985; 28(3-4):299-307 **(Eng, Fre)**

A new method for quantitating the medial component of pulmonary arteries. The measurements. Fernie JM, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):156-62

New method for quantitating the medial component of pulmonary arteries. Factors affecting the measurements. Fernie JM, et al. **Arch Pathol Lab Med** 1985 Sep; 109(9):843-8

Relationship of pulmonary artery size to mortality in patients undergoing the Fontan operation. Girod DA, et al. **Circulation** 1985 Sep;72(3 Pt 2):II93-6

CYTOLOGY

Cartilage-derived anti-tumor factor (CATF) inhibits the proliferation of endothelial cells in culture. Takigawa M, et al. **Cell Biol Int Rep** 1985 Jul;9(7):619-25

DRUG EFFECTS

Amiodarone-induced lung toxicity. In vitro evidence for the direct toxicity of the drug. Martin WJ, et al. **Am J Pathol** 1985 Sep;120(3):344-50

Contractile responses to histamine of isolated pulmonary artery strips from healthy and heartworm-infected dogs. O'Malley NA, et al. **Am J Vet Res** 1985 Jul;46(7):1463-7

Impairment of sympathetic pulmonary vasoconstriction by 3-methylindole in cattle. Perry MS, et al. **Am J Vet Res** 1985 Apr;46(4):905-8

Pharmacological properties of canine intrapulmonary blood vessels. Kong SK, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1198-202

Chronic propranolol treatment decreases pulmonary artery pressure in conscious dogs. Voelkel NF, et al. **Clin Physiol Biochem** 1984;2(4):176-83

Cardiopulmonary effects of dopamine hydrochloride in anaesthetised horses. Trim CM, et al. **Equine Vet J** 1985 Jan;17(1):41-4

Vasoactive effects of substance P on isolated rabbit pulmonary artery. Tanaka DT, et al. **J Appl Physiol** 1985 Apr;58(4):1291-7

Effects of serotonin on the cardiopulmonary circulatory system with and without 5-HT2-receptor blockade by ketanserin. Breuer J, et al. **J Cardiovasc Pharmacol** 1985; 7 Suppl 7:S64-6

The effects of administering hyperalimentation solutions into the atrium and pulmonary artery. Kawarasaki H, et al. **J Pediatr Surg** 1985 Jun;20(3):205-10

Interaction of ketanserin and its metabolite ketanserinol with

5HT2 receptors in pulmonary and coronary arteries of calf. Frenken M, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Jul; 326(4):334–9

[Contraction of rabbit pulmonary artery by isoproterenol] Zhang PW, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec; 5(4):241–4 (Eng. Abstr.) **(Chi)**

[Contraction of the rabbit pulmonary artery by isoproterenol] Zhang PW, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec; 5(4):241–4 (Eng. Abstr.) **(Chi)**

[Basic principles of the current treatment of primary pulmonary hypertension] Konopleva LF, et al. **Kardiologiia** 1984 Oct;24(10):121–5 (83 ref.) **(Rus)**

ENZYMOLOGY

The effect of oxygen tension on the in vitro production and release of angiotensin–converting enzyme by bovine pulmonary artery endothelial cells. Krulewitz AH, et al. **Am Rev Respir Dis** 1984 Nov;130(5):866–9

GROWTH & DEVELOPMENT

Morphology of the developing pulmonary bed: pharmacologic implications. Rabinovitch M. **Pediatr Pharmacol (New York)** 1985;5(1):31–48 (80 ref.)

INJURIES

Vessel rupture by balloon catheters complicating chronic steroid therapy. Lois JF, et al. **AJR** 1985 May; 144(5):1073–4

Hemolytic anemia secondary to erosion of a Silastic band into the lumen of the pulmonary trunk. Kutsche LM, et al. **Am J Cardiol** 1985 May 1;55(11):1438–9

The fuzzy foreign body fragment: a subtle roentgenographic clue to mediastinal vascular injury. McFadden PM, et al. **Am J Surg** 1985 Jun;149(6):809–11

Delayed fatal pulmonary hemorrhage complicating use of a balloon flotation catheter. Klibaner MI, et al. **Angiology** 1985 Jun;36(6):358–62

Pulmonary artery catheter induced pulmonary artery rupture in patients undergoing cardiac surgery. Muller BJ, et al. **Can Anaesth Soc J** 1985 May;32(3 Pt 1):258–64

Pulmonary artery dissection induced by a Swan–Ganz catheter. Rosenblum SE, et al. **Cleve Clin Q** 1984 Winter; 51(4):671–5

Cardiac tamponade caused by pulmonary artery perforation after central venous catheterization. Hunt LB, et al. **JPEN** 1984 Nov–Dec;8(6):711–3

Distal kinking of a pulmonary artery catheter as a cause of fatal hemoptysis. Brandstetter RD, et al. **NY State J Med** 1984 Oct;84(10):521–2

Risks and benefits of pulmonary artery catheters [editorial] Rinaldo JE. **NY State J Med** 1984 Oct;84(10):484–5

Rupture of the pulmonary artery by a Swan–Ganz catheter [clinical conference] Dewar G. **S Afr J Surg** 1985 Mar; 23(1):37–8

Intrapericardial heart and great vessel injuries. Branday JM, et al. **West Indian Med J** 1984 Sep;33(3):176–9

[Traumatic rupture of the middle lobe bronchus and pulmonary artery: considerations apropos of a case] Riquet M, et al. **J Chir (Paris)** 1985 Mar;122(3):183–5 (Eng. Abstr.) **(Fre)**

[Pulmonary artery perforations as typical complication in the use of Swan–Ganz catheters] Lieske K, et al. **Z Rechtsmed** 1985;94(1):51–60 (Eng. Abstr.) **(Ger)**

[Heart injuries at the site of origin of the pulmonary artery and aorta] Jonecko A. **Wiad Lek** 1984 Apr 15;37(8):631–6 (Eng. Abstr.) **(Pol)**

[Surgery of wounds of the heart and major vessels] Sergienko VS. **Khirurgiia (Mosk)** 1984 Oct;(10):13–6 (Eng. Abstr.) **(Rus)**

INNERVATION

Pharmacological properties of presynaptic beta–adrenoceptors in guinea–pig pulmonary arteries. Misu Y, et al. **Jpn J Pharmacol** 1984 Nov;36(3):329–37

[Autonomic nerve innervation of cat pulmonary artery––with special reference to the presence of a non–adrenergic, non–cholinergic inhibitory system] Hamasaki Y, et al. **Nippon Heikatsukin Gakkai Zasshi** 1984 Feb;20(1):59–66 (Eng. Abstr.) **(Jpn)**

METABOLISM

Processing of cell–bound insulin by capillary and macrovascular endothelial cells in culture. Dernovsek KD, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):E244–51

Uptake and metabolism of norepinephrine by endothelium of dog pulmonary artery. Rorie DK, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):H193–7

Staphylococcal alpha–toxin–induced PGI2 production in endothelial cells: role of calcium. Suttorp N, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):C127–34

Distinct receptors for IGF–I, IGF–II, and insulin are present on bovine capillary endothelial cells and large vessel endothelial cells. Bar RS, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):203–9

Multiplication–stimulating activity (MSA) stimulates proteoglycan synthesis in cultured endothelial cells. Bar RS, et al. **Endocrinology** 1984 Dec;115(6):2487–9

Effect of oxygen and endotoxin on lactate dehydrogenase release, 5–hydroxytryptamine uptake, and antioxidant enzyme activities in endothelial cells. Block ER, et al. **J Cell Physiol** 1985 Feb;122(2):240–8

Heterogeneity of membrane phospholipid mobility in endothelial cells depends on cell substrate. Nakache M, et al. **Nature** 1985 Sep 5–11;317(6032):75–7

The onset of breathing at birth stimulates pulmonary vascular prostacyclin synthesis. Leffler CW, et al. **Pediatr Res** 1984 Oct;18(10):938–42

Reduction in hypertension–induced protein synthesis in the rat pulmonary trunk after treatment with teprotide (SQ 20881). McKenzie JC, et al. **Proc Soc Exp Biol Med** 1984 Nov;177(2):377–82

Generation of leukotriene B4 and leukotriene E4 from porcine pulmonary artery. Piper PJ, et al. **Prostaglandins** 1984 Dec;28(6):905–14

Spontaneous [3H]noradrenaline release from the main pulmonary artery of the rabbit induced by sodium–pump inhibition. Török TL, et al. **Q J Exp Physiol** 1984 Oct; 69(4):841–65

PATHOLOGY

Leiomyosarcoma of pulmonary truncus. Iwasaki I, et al. **Acta Pathol Jpn** 1984 Jul;34(4):863–7

Calcific fibrosing mediastinitis: demonstration of pulmonary vascular obstruction by magnetic resonance imaging. Farmer DW, et al. **AJR** 1984 Dec;143(6):1189–91

Use of balloon angioplasty to treat peripheral pulmonary stenosis. Rocchini AP, et al. **Am J Cardiol** 1984 Nov 1; 54(8):1069–73

Pulmonary artery remodeling and pulmonary hypertension after exposure to hyperoxia for 7 days. A morphometric and hemodynamic study. Jones R, et al. **Am J Pathol** 1984 Nov;117(2):273–85

Pulmonary artery sarcomas. A review and report of a case. Baker PB, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):35–9

Pulmonary arterial luminal diameters in relation to the distribution of the lesions associated with canine dirofilariasis. Atwell RB, et al. **Aust Vet J** 1985 Jan; 62(1):29–30

The pulmonary circulation in children with congenital heart disease: morphologic and morphometric considerations. Burrows FA, et al. **Can Anaesth Soc J** 1985 Jul;32(4):364–73 (63 ref.)

Morphologic changes in the pulmonary arteries after percutaneous balloon angioplasty for pulmonary arterial stenosis. Edwards BS, et al. **Circulation** 1985 Feb; 71(2):195–201

Fatal post–partum pulmonary vasculitis in systemic lupus erythematosus. Hubscher O, et al. **Clin Rheumatol** 1984 Dec;3(4):547–50

Open lung biopsies in congenital heart disease for evaluation of pulmonary vascular disease. Predictive value with regard to corrective operability. Wagenvoort CA. **Histopathology** 1985 Apr;9(4):417–36

Pulmonary arterial development in infants with large perimembranous ventricular septal defects associated with overriding of the aortic valve. Juaneda E, et al. **Int J Cardiol** 1985 Mar;7(3):223–33

Two–dimensional echocardiographic assessment of pulmonary artery and aortic arch anatomy in cyanotic infants. Gutgesell HP, et al. **J Am Coll Cardiol** 1984 Dec; 4(6):1242–6

Angioinvasive pulmonary aspergillosis: presentation as massive pulmonary saddle embolism in an immunocompromised patient. Kirshenbaum JM, et al. **J Am Coll Cardiol** 1985 Aug;6(2):486–9

A new method for the quantitative standardization of cross–sectional areas of the pulmonary arteries in congenital heart diseases with decreased pulmonary blood flow. Nakata S, et al. **J Thorac Cardiovasc Surg** 1984 Oct; 88(4):610–9

Intravenous leiomyomatosis of the uterus with continuous extension into the pulmonary artery. Akatsuka N, et al. **Jpn Heart J** 1984 Jul;25(4):651–9

Granulomatous aortitis and pulmonary trunk arteritis: (a case report). Patil PS, et al. **Med J Zambia** 1983 Oct;17(4):115–7

Hypertensive pulmonary vascular disease. The point of no return. Wagenvoort CA. **Minn Med** 1985 Jan;68(1):45–8

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 19–1985. A 46–year–old woman with obstruction of the right pulmonary artery. **N Engl J Med** 1985 May 9;312(19):1242–52

Maternal death secondary to a dissecting aneurysm of the pulmonary artery. Hankins GD, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):45S–48S

Pulmonary hypertension in congenital heart disease: irreversible vascular changes in young infants. Alt B, et al. **Pediatr Pathol** 1983 Oct–Dec;1(4):423–34

Musculoelastosis: a change of small pulmonary arteries found in a case with atrial septal defect and pulmonary hypertension. Yamaki S, et al. **Tohoku J Exp Med** 1985 Apr;145(4):455–63

Experimental production of lesions in canine pulmonary arteries similar to those produced by Dirofilaria immitis infection. Atwell RB, et al. **Vet Rec** 1985 May 18; 116(20):539–41

Development and regression of pulmonary arterial lesions after experimental air embolism. A light and electronmicroscopic study. Balk AG, et al. **Virchows Arch** [A] 1985;406(2):203–12

Longitudinal smooth muscle in pulmonary arteries. Occurrence in congenital heart disease. Wagenvoort CA, et al. **Virchows Arch [A]** 1984;404(3):265–74

[The pathogenesis of experimental plexiform lesions in the pulmonary artery in the rabbit] Mao YX, et al. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Dec;7(6):321–4, 381 (Eng. Abstr.) **(Chi)**

[The development of pulmonary hypertension in lung fibrosis: a morphometric analysis of pulmonary arteries in 21 cases of paraquat intoxication] Sawai T, et al. **Kokyu To Junkan** 1985 Mar;33(3):441–6 (Eng. Abstr.) **(Jpn)**

[Surgical treatment of tetralogy of Fallot from the aspect of peripheral pulmonary arteries] Akasaka T, et al. **Kyobu Geka** 1984 Oct;37(11):831–7 (Eng. Abstr.) **(Jpn)**

[Management of tetralogy of Fallot with hypoplastic pulmonary arteries by palliative patch reconstruction of the right ventricular outflow tract] Akasaka T, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Jan;33(1):50–7 (Eng. Abstr.) **(Jpn)**

[Surgical considerations of tetralogy of Fallot from the aspect of peripheral pulmonary arteries] Akasaka T. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Apr;32(4):460–71 (Eng. Abstr.) **(Jpn)**

[A histopathological study on vascular and interstitial changes in the lungs of collagen diseases and a comparison with interstitial pneumonia] Homma S. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar; 23(3):332–47 (Eng. Abstr.) **(Jpn)**

[Pulmonary artery dissection in inexplicable pulmonary arterial hypertension (a case presentation)] Câmpeanu A, et al. **Rev Med Interna** [**Med Interna**] 1985 Mar–Apr; 37(2):179–86 (Eng. Abstr.) **(Rum)**

[Morphological changes in the trunk and branches of the pulmonary artery in metastatic lung cancer] Dikshtein EA, et al. **Arkh Patol** 1985;47(3):28–32 (Eng. Abstr.) **(Rus)**

[Morphological and radionuclide studies of regional blood flow in nonspecific lung diseases] Arifkhanova SI, et al. **Probl Tuberk** 1984 Sep;(9):42–6 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Non–invasive assessment of changes in pulmonary artery blood flow by transcutaneous ultrasonic Doppler technique in normal children. Barbacki M, et al. **Acta Med Pol** 1983; 24(1–4):65–75

Relation between mixed venous oxygen tension and pulmonary vascular tone during normoxic, hyperoxic and hypoxic ventilation in dogs. Hughes JD, et al. **Am J Cardiol** 1984 Nov 1;54(8):1118–23

Left atrial–pulmonary artery wedge pressure relation: effect of elevated pulmonary vascular resistance. Levin RI, et al. **Am J Cardiol** 1985 Mar 1;55(6):856–7

Multipoint pulmonary vascular pressure–cardiac output plots in conscious dogs. Lodato RF, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):H351–7

Pulmonary vascular resistance during unilateral pulmonary arterial occlusion in ducks. Powell FL, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R39–43

The effects of eicosanoid synthesis inhibitors on normoxic and hypoxic pulmonary vascular tone in dogs. Rubin LJ, et al. **Am Rev Respir Dis** 1985 Jul;132(1):93–8

High–frequency ventilation attenuation of hypoxic pulmonary vasoconstriction. The role of prostacyclin. Wetzel RC, et al. **Am Rev Respir Dis** 1985 Jul;132(1):99–103

Central venous and pulmonary artery occlusion pressures following air embolism in upright sheep. Pfitzner J, et al. **Anaesth Intensive Care** 1984 Nov;12(4):329–33

Continuous recording of pulmonary artery pressure [letter] Saumarez RC. **Br Heart J** 1985 May;53(5):581–4

Velocity profile in the main pulmonary artery in a canine model. Henry GW, et al. **Cardiovasc Res** 1984 Oct; 18(10):620–5

Two–dimensional in vivo pressure/diameter relationships in the canine main pulmonary artery. Johnson TA, et al. **Cardiovasc Res** 1985 Jul;19(7):442–8

Systemic venous and pulmonary arterial flow patterns after Fontan's procedure for tricuspid atresia or single ventricle. DiSessa TG, et al. **Circulation** 1984 Nov;70(5):898–902

Rewarming hypovolemia after aortocoronary bypass surgery. Ivanov J, et al. **Crit Care Med** 1984 Dec;12(12):1049–54

A review of the use of computerized digital instrumentation to determine pulmonary artery pressure measurements in critically ill patients. Levine SC. **Heart Lung** 1985 Sep; 14(5):473–7

Monitoring urinary bladder temperature [letter] Shellock FG. **Heart Lung** 1985 Sep;14(5):524–5

Effect of cervical vagotomy on anastomotic bronchial blood flow after pulmonary artery obstruction in dogs. Jindal SK, et al. **Indian J Med Res** 1985 Jan;81:83–5

Reversal of reflex pulmonary vasoconstriction induced by main pulmonary arterial distension. Juratsch CE, et al. **J Appl Physiol** 1985 Apr;58(4):1107–14

Pulmonary artery catheterization: past, present, and future. Thys DM. **Mt Sinai J Med (NY)** 1984 Sep;51(5):578–84

The difference between pulmonary artery diastolic pressure and pulmonary capillary wedge pressure as a hemodynamic sign of pulmonary embolism. Ornato JP, et al. **Nebr Med J** 1985 May;70(5):164–7

A simple method to measure pulmonary artery pressure and central venous pressure with a single transducer. Pull ter Gunne AJ, et al. **Neth J Surg** 1984 Dec;36(6):172–3

Vasoactive intestinal peptide counteracts leukotriene D4–induced contractions of guinea pig trachea, lung, and pulmonary artery. Hamasaki Y, et al.

Trans Assoc Am Physicians 1983;96:406–11

[Normal pulmonary artery pressure in China] Mao JW, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Aug;6(4):298–9 (Eng. Abstr.) **(Chi)**

[Diurnal basal pulmonary arterial pressure and nocturnal levels of oxygenation in patients with chronic bronchitis] Sautegeau A, et al. **Bull Eur Physiopathol Respir** 1984 Nov–Dec;20(6):541–5 (Eng. Abstr.) **(Fre)**

PHYSIOPATHOLOGY

Hypoxic pulmonary vasoconstriction in the human lung: the effect of prolonged unilateral hypoxic challenge during anaesthesia. Carlsson AJ, et al. **Acta Anaesthesiol Scand** 1985 Apr;29(3):346–51

On pulmonary vascular resistance: the need for more precise definition. McGregor M, et al. **Am J Cardiol** 1985 Jan 1; 55(1):217–21

Magnitude and implications of spontaneous hemodynamic variability in primary pulmonary hypertension. Rich S, et al. **Am J Cardiol** 1985 Jan 1;55(1):159–63

Factors associated with pulmonary infarction. A discriminant analysis study. Schraufnagel DE, et al. **Am J Clin Pathol** 1985 Jul;84(1):15–8

Rapid change in pulmonary vascular hemodynamics with pulmonary edema during cardiopulmonary resuscitation. Ornato JP, et al. **Am J Emerg Med** 1985 Mar;3(2):137–42

A comparison of the sensitivity of pulmonary artery pressure, end-tidal carbon dioxide, and end-tidal nitrogen in the detection of venous air embolism in the dog. Drummond JC, et al. **Anesth Analg** 1985 Jul;64(7):688–92

Elective coronary bypass surgery without pulmonary artery catheter monitoring. Bashein G, et al. **Anesthesiology** 1985 Oct;63(4):451–4

Pulmonary artery velocity patterns in ductus arteriosus. Wilson N, et al. **Br Heart J** 1984 Oct;52(4):462–4

Pulmonary artery constriction produces a greater right ventricular dynamic afterload than lung microvascular injury in the open chest dog. Calvin JE Jr, et al. **Circ Res** 1985 Jan;56(1):40–56

Hypoxia-induced contractions of porcine pulmonary artery strips depend on intact endothelium. Holden WE, et al. **Exp Lung Res** 1984;7(2):101–12

Truncus arteriosus with single pulmonary artery: influence of pulmonary vascular obstructive disease on early and late operative results. Fyfe DA, et al. **J Am Coll Cardiol** 1985 May;5(5):1168–72

Noninvasive estimation of peak pulmonary artery pressure by M-mode echocardiography. Stevenson JG, et al. **J Am Coll Cardiol** 1984 Nov;4(5):1021–7

Effect of endotoxemia on hypoxic pulmonary vasoconstriction in unanesthetized sheep. Hutchison AA, et al. **J Appl Physiol** 1985 May;58(5):1463–8

Hypoxia-induced activation in small isolated pulmonary arteries from the cat. Madden JA, et al. **J Appl Physiol** 1985 Jul;59(1):113–8

Pulmonary artery balloon counterpulsation in the management of right heart failure during left heart bypass. Spence PA, et al. **J Thorac Cardiovasc Surg** 1985 Feb; 89(2):264–8

Pulmonary blood volume and pulmonary extravascular water volume in men. Arakawa M, et al. **Jpn Circ J** 1985 May; 49(5):475–86

Postoperative changes of pulmonary vascular resistance in patients with complete atrioventricular canal defect. Relation to the age at primary repair. Matsuda H, et al. **Jpn Circ J** 1984 Oct;48(10):1081–6

Continuous-wave Doppler determination of the pressure gradient across pulmonary artery bands: hemodynamic correlation in 20 patients. Fyfe DA, et al. **Mayo Clin Proc** 1984 Nov;59(11):744–50

Pulmonary vascular response to oxygen in infants with severe bronchopulmonary dysplasia. Abman SH, et al. **Pediatrics** 1985 Jan;75(1):80–4

[Hemodynamic determinants of late systolic reversed flow in the main pulmonary artery in pulmonary hypertension: a pulsed Doppler echocardiographic study] Koizumi K, et al. **J Cardiogr** 1984 Aug;14(2):359–74 (Eng. Abstr.) **(Jpn)**

[Pulmonary vascular impedance] Haneda T, et al. **Kokyu To Junkan** 1984 Sep;32(9):897–906 (27 ref.) **(Jpn)**

[A fluid dynamic analysis of the development of anacrotic notch in the pressure wave in patients with semilunar valve stenosis—use of a catheter tip velocity-pressure transducer] Hanya S, et al. **Kokyu To Junkan** 1985 Apr;33(4):553–8 (Eng. Abstr.) **(Jpn)**

[Pulmonary vascular injury induced by air embolization] Ohkuda K, et al. **Kokyu To Junkan** 1985 May;33(5):627–31 **(Jpn)**

[Elevation of the pulmonary arterial pressure as a sign of pneumothorax and hemothorax—a report of two cases] Kitamura M, et al. **Kyobu Geka** 1985 Mar;38(3):201–4 (Eng. Abstr.) **(Jpn)**

[Changes in the indicators of the kallikrein-kinin system and pressure in the lesser circulation in acute bronchopulmonary pathology] Chebotareva VD, et al. **Vrach Delo** 1985 Apr;(4):56–8 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Fatal hemoptysis resulting from erosion of a pulmonary artery in cavitary sarcoidosis. Edelman RR, et al. **AJR** 1985 Jul;145(1):37–8

Cardiopulmonary effects of volume expansion in man: radiographic manifestations. Luft FC, et al. **AJR** 1985 Feb; 144(2):289–93

Computed tomography of the heart and great vessels: present and future. Brundage BH, et al. **Ann Intern Med** 1984 Dec; 101(6):801–9 (40 ref.)

Pulmonary artery aneurysm presenting as a peripheral coin lesion—the danger of needle biopsy. Eisenberg D, et al. **Cardiovasc Intervent Radiol** 1984;7(6):280–2

Balloon-occlusion pulmonary cineangiography for diagnosing pulmonary embolism. Benotti JR, et al. **Cathet Cardiovasc Diagn** 1984;10(5):519–27

Pigtail catheters in pulmonary angiography. Grollman JH Jr. **Cathet Cardiovasc Diagn** 1984;10(4):389–94

Intravenous digital pulmonary angiography for the diagnosis of pulmonary embolism. Rusch O, et al. **Conn Med** 1984 Aug;48(8):489–91

'Failure to wedge' and pulmonary hypertension during pulmonary artery catheterization: a sign of totally occlusive pulmonary embolism. Traeger SM. **Crit Care Med** 1985 Jul;13(7):544–7

Radiological prediction of pulmonary hypertension in chronic obstructive pulmonary disease. Miller MR, et al. **Eur Heart J** 1984 Jul;5(7):581–7

Retrograde pulmonary arteriography. Calcaterra G, et al. **Int J Cardiol** 1984 Dec;6(6):737–9

Computer-assisted, operator-interactive technique for calculating pulmonary arterial taper. Boxt LM, et al. **Invest Radiol** 1985 Mar–Apr;20(2):136–40

Compression of the right pulmonary artery by aortic aneurysms: CT demonstration. Cramer M, et al. **J Comput Assist Tomogr** 1985 Mar–Apr;9(2):310–4

Computer tomography demonstration of pulmonary artery calcification in Eisenmenger's syndrome. Cohen BA, et al. **J Comput Tomogr** 1985 Apr;9(2):153–6

Bronchopulmonary dysplasia: a morphometric study with emphasis on the pulmonary vasculature. Tomashefski JF Jr, et al. **Pediatr Pathol** 1984;2(4):469–87

Wedge and subselective pulmonary angiography in pulmonary hypertension secondary to venous obstruction. Bowen JS, et al. **Radiology** 1985 Jun;155(3):599–603

The vascular converging points of the right pulmonary hilus and their diagnostic significance. Don C, et al. **Radiology** 1985 May;155(2):295–8

Comparison of intravenous digital subtraction angiography with radionuclide ventilation-perfusion lung scanning in patients with suspected pulmonary embolism. Flint KC, et al. **Thorax** 1985 Aug;40(8):576–80

[X-ray evaluation of the right hilar vessels and its clinical significance] Li TY. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1985 Mar; 13(1):42–4 **(Chi)**

[Indications for digital subtraction angiography of the pulmonary vessels] Bargon G, et al. **ROFO** 1985 Jan; 142(1):31–5 (Eng. Abstr.) **(Ger)**

[ECG-directed DSA of the pulmonary arteries—technic and initial clinical experiences] Gmelin E, et al. **Rontgenblatter** 1985 Jan;38(1):17–21 (Eng. Abstr.) **(Ger)**

[Comparison of vascular width and accuracy in the subjective assessment of pulmonary circulation in the roentgen picture of children with left-right shunts] Hegenbarth R, et al. **Rontgenblatter** 1985 Apr;38(4):101–4 (Eng. Abstr.) **(Ger)**

[Clinical significance of the enlargement of the descending pulmonary artery in pulmonary embolism] Palla A, et al. **Radiol Med (Torino)** 1985 Jan–Feb;71(1–2):26–30 (Eng. Abstr.) **(Ita)**

[Clinical findings and prognosis of aortitis syndrome associated with pulmonary vascular disease] Fujioka T, et al. **Kokyu To Junkan** 1984 Jul;32(7):723–8 (Eng. Abstr.) **(Jpn)**

[Peripheral pulmonary artery findings on magnified peripheral pulmonary wedge angiography in chronic pulmonary disease] Migita R, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec; 22(12):1127–33 (Eng. Abstr.) **(Jpn)**

[Peripheral lung structure—dichotomy of bronchi, pulmonary artery and pulmonary secondary lobule] Satoh K, et al. **Rinsho Hoshasen** 1984 Sep;29(9):949–55 (Eng. Abstr.) **(Jpn)**

[2 cases of pulmonary sequestration—with special reference to the analysis of pulmonary vascular shadows] Tagaki S, et al. **Rinsho Hoshasen** 1984 Oct;29(10):1103–6 (Eng. Abstr.) **(Jpn)**

[Selective angiography in the diagnosis of peripheral lung cancer] Dobek J, et al. **Pol Przegl Radiol (Warszawa)** 1984 Jan–Feb;48(1):25–31 (Eng. Abstr.) **(Pol)**

RADIONUCLIDE IMAGING

Systemic pulmonary arterial fistula diagnosed with aid of radionuclide angiography. Rashkow AM, et al. **Am Heart J** 1984 Dec;108(6):1562–5

SURGERY

Pulmonary and subclavian steal phenomenon following modified Blalock-Taussig shunt. Agarwal KC, et al. **Am Heart J** 1984 Dec;108(6):1567–70

Recanalization of a Blalock-Taussig anastomosis eight years after repair of tetralogy of Fallot. Danilowicz D, et al. **Am J Cardiol** 1985 Mar 1;55(6):860–1

Successful dilatation of a stenotic Blalock-Taussig anastomosis by percutaneous transluminal balloon angioplasty. Fischer DR, et al. **Am J Cardiol** 1985 Mar 1;55(6):861–2

Modified Blalock-Taussig shunt operation without cardiac catheterization: two-dimensional echocardiographic preoperative assessment in cyanotic infants. Ueda K, et al. **Am J Cardiol** 1984 Dec 1;54(10):1296–9

Pulse oximetry during pulmonary artery surgery. Friesen RH. **Anesth Analg** 1985 Mar;64(3):376

Pulmonary arteriopexy to relieve tracheobronchial compression by dilated pulmonary arteries. Berlinger NT, et al. **Ann Otol Rhinol Laryngol** 1984 Sep–Oct;93(5 Pt 1):473–6

Aneurysm of main pulmonary artery in a neonate with airway obstruction and heart failure: long-term survival after pulmonary artery aneurysmectomy and patent ductus arteriosus ligation. Balsara RK, et al. **Ann Thorac Surg** 1985 Feb;39(2):177–9

Thrombolytic therapy for superior vena caval thrombosis following superior vena cava-pulmonary artery anastomosis. Dajee H, et al. **Ann Thorac Surg** 1984 Dec; 38(6):637–9

Total cavopulmonary shunt with replacement of common atrioventricular valve for an infant with single atrium and single ventricle. Kawauchi M, et al. **Ann Thorac Surg** 1985 Aug;40(2):192–4

The technique of the Fontan procedure with posterior right atrium-pulmonary artery connection. Molina JE, et al. **Ann Thorac Surg** 1985 Apr;39(4):371–5

Repair of anomalous origin of the right pulmonary artery from the ascending aorta associated with subtotal left cor triatriatum. Sievers HH, et al. **Ann Thorac Surg** 1985 Jan; 39(1):80–1

The use of Gore-Tex graft reinforced with external rings in pediatric cardiac surgery. Stark J. **Ann Thorac Surg** 1985 Feb;39(2):188–9

Pulmonary vascular structure in patients dying after a Fontan procedure. The lung as a risk factor. Juaneda E, et al. **Br Heart J** 1984 Nov;52(5):575–80

Percutaneous closure of a Blalock-Taussig shunt. Morag B, et al. **Cardiovasc Intervent Radiol** 1984;7(5):218–20

Replacement of obstructed right ventricular-pulmonary arterial valved conduits with nonvalved conduits in children. Downing TP, et al. **Circulation** 1985 Sep;72(3 Pt 2):II184–7

Magnetic resonance imaging: evaluation of palliative systemic-pulmonary artery shunts. Jacobstein MD, et al. **Circulation** 1984 Oct;70(4):650–6

Classic versus modified Blalock-Taussig shunts in neonates and infants. Moulton AL, et al. **Circulation** 1985 Sep;72(3 Pt 2):II35–44

Primary sarcoma of the pulmonary trunk: successful surgical intervention and prolonged survival. Klinke WP, et al. **Clin Cardiol** 1985 Aug;8(8):437–40

Surgical treatment of chronic unresolved pulmonary embolism. Chitwood WR Jr, et al. **Clin Chest Med** 1984 Sep;5(3):507–36 (104 ref.)

Surgical haemodynamic problems in a case of Uhl's anomaly. Banerjee A, et al. **Indian Heart J** 1984 May–Jun;36(3):182–5

Pulmonary arteriovenous fistula. Korula RJ, et al. **Indian Heart J** 1985 Jan–Feb;37(1):54–6

Repair of anomalous origin of the left coronary artery in the infant and small child. Midgley FM, et al. **J Am Coll Cardiol** 1984 Dec;4(6):1231–4

Severe Takayasu's arteritis of the pulmonary arteries: report of a case with successful surgical treatment. Moore JW, et al. **J Am Coll Cardiol** 1985 Feb;5(2 Pt 1):369–73

Evaluation of synthetic and biosynthetic conduits used as aorto-pulmonary shunts in growing pigs. Guerreiro D, et al. **J Cardiovasc Surg (Torino)** 1984 Jul–Aug;25(4):313–20

Pulmonary artery banding. Albus RA, et al. **J Thorac Cardiovasc Surg** 1984 Nov;88(5 Pt 1):645–53

Bronchoplastic procedures and pulmonary artery reconstruction in the treatment of bronchogenic cancer. Belli L, et al. **J Thorac Cardiovasc** Surg 1985 Aug; 90(2):167–71

Surgical treatment of subpulmonary obstruction in transposition of the great arteries by means of a left ventricular-pulmonary arterial conduit. Late results and further considerations. Crupi G, et al. **J Thorac Cardiovasc Surg** 1985 Jun;89(6):907–13

Surgical management of occluded conduits after the Fontan operation in patients with Glenn shunts. DeLeon SY, et al. **J Thorac Cardiovasc Surg** 1984 Oct;88(4):601–5

Protein-losing enteropathy after Fontan operation. Hess J, et al. **J Thorac Cardiovasc Surg** 1984 Oct;88(4):606–9

Physiological rationale for a bidirectional cavopulmonary shunt. A versatile complement to the Fontan principle. Hopkins RA, et al. **J Thorac Cardiovasc Surg** 1985 Sep; 90(3):391–8

Modified Blalock-Taussig shunt in newborn infants. Ilbawi MN, et al. **J Thorac Cardiovasc Surg** 1984 Nov;88(5 Pt 1):770–5

Modified Blalock-Taussig shunt in infants and young children. Clinical and catheterization assessment. Karpawich PP, et al. **J Thorac Cardiovasc Surg** 1985 Feb; 89(2):275–9

Preparation of pulmonary artery banding tapes [letter] Ridgeway SA, et al. **J Thorac Cardiovasc Surg** 1984 Nov; 88(5 Pt 1):792–3

Acute control of pulmonary regurgitation with a balloon 'valve'. An experimental investigation. Siwek LG, et al. **J Thorac Cardiovasc Surg** 1985 Sep;90(3):404–9

Reconstruction of pulmonary artery with substitute valve--with special reference to size of conduit and valve. Oku H, et al. **Jpn Circ J** 1984 Oct;48(10):1074–80

Effect of palliative and corrective surgery on ventricular volumes in complete atrioventricular canal. Fisher EA, et al. **Pediatr Cardiol** 1984 Jul–Sep;5(3):159–65

Blalock–Taussig shunts and modified Blalock–Taussig shunts. Sanchez HE, et al. **S Afr Med J** 1985 Feb 2;67(5):168–70

Pulmonary artery banding. Sanchez HE, et al. **S Afr Med J** 1985 Feb 2;67(5):171–3

[Use of microporous-expanded polytetrafluoroethylene (PTFE) in systemic-pulmonary shunts in infants] Gomez R, et al. **Ann Chir** 1983 Mar;37(2):169–74 (Eng. Abstr.) **(Fre)**

[Atriopulmonary derivation] Bloch G, et al. **Ann Pediatr (Paris)** 1984 Nov;31(10):861–9 (Eng. Abstr.) **(Fre)**

[Direct atriopulmonary anastomosis (modified Fontan) for single ventricle and its equivalents] Chauvaud S, et al. **Arch Mal Coeur** 1985 Jul;78(7):1083–8 (Eng. Abstr.) **(Fre)**

[Echocardiographic diagnosis of a thrombus in the pulmonary artery following a banding operation] Hausdorf G, et al. **Z Kardiol** 1985 Apr;74(4):254–7 (Eng. Abstr.) **(Ger)**

[The Blalock–Taussig shunt for simple transposition of the great arteries followed later by anatomic correction] Aoshima M, et al. **Kyobu Geka** 1985 Apr;38(4):282–5 (Eng. Abstr.) **(Jpn)**

[Experience of right atrial appendage to the pulmonary artery trunk direct anastomosis for type Ib tricuspid atresia] Goto T, et al. **Kyobu Geka** 1984 Aug;37(9 Suppl):727–31 (Eng. Abstr.) **(Jpn)**

[Correction of tetralogy of Fallot following arteriovenous shunt of the pulmonary artery and superior vena cava] Ueda M, et al. **Kyobu Geka** 1985 Feb;38(2):150–4 (Eng. Abstr.) **(Jpn)**

[A case of idiopathic peripheral pulmonary aneurysm] Yasunari S, et al. **Kyobu Geka** 1985 Mar;38(3):210–5 (Eng. Abstr.) **(Jpn)**

[Systemic-pulmonary artery shunts using expanded polytetrafluoroethylene (EPTFE) grafts] Gohda T, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Mar;33(3):271–6 (Eng. Abstr.) **(Jpn)**

[Aortopulmonary shunt using an expanded polytetrafluoloethylene graft: quantitative analysis of graft flows by multiple regression] Matsumoto M, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Jan;33(1):39–44 (Eng. Abstr.) **(Jpn)**

[Total exclusion of the right heart: report of a successful case] Matsumoto M, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Apr;32(4):565–9 (Eng. Abstr.) **(Jpn)**

[Ventricular volume of single ventricle before and after aortopulmonary shunt operation] Shimazaki Y, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jul;32(7):986–91 (Eng. Abstr.) **(Jpn)**

[Blalock–Taussig operation using vertebral flap method and modified Blalock–Taussig operation] Shimada M, et al. **Rinsho Kyobu Geka** 1984 Jul;4(4):389–92 **(Jpn)**

[Treatment of pulmonary embolism. II. Fibrinolytic and surgical treatment] Niewiarowski T, et al. **Pneumonol Pol** 1984 Sep;52(9):453–9 (41 ref.) **(Pol)**

[Sleeve resection of the upper lobe with simultaneous resection of the pulmonary artery in the surgical treatment of lung cancer] Olechnowicz HE, et al. **Pneumonol Pol** 1984 Aug;52(8):361–9 (Eng. Abstr.) **(Pol)**

[Blalock–Taussig anastomosis as a palliative procedure in cyanotic cardiopathies with reduced pulmonary flow] Sallum F, et al. **Arq Bras Cardiol** 1981 Oct;37(4):275–7 (Eng. Abstr.) **(Por)**

[Morphological evaluation of late results of closure of the lumen of subclavian-pulmonary anastomoses with a porolone plug in tetralogy of Fallot] Guliamov DS, et al. **Grudn Khir** 1984 Sep–Oct;(5):29–31 (Eng. Abstr.) **(Rus)**

[Surgical treatment of chronic postembolic pulmonary hypertension] Kirienko AI, et al. **Grudn Khir** 1984 Nov–Dec;(6):71–5 (19 ref.) **(Rus)**

[Radical correction of tetralogy of Fallot after a previously created Cooley–Edwards anastomosis] Podzolkov VP, et al. **Grudn Khir** 1984 Nov–Dec;(6):15–20 (Eng. Abstr.) **(Rus)**

[Plastic surgery of the pulmonary artery with autopericardium after thrombintimectomy] Savel'ev VS, et al. **Grudn Khir** 1984 Nov–Dec;(6):79–81 **(Rus)**

ULTRASTRUCTURE

Flunixin meglumine attenuation of endotoxin-induced damage to the cardiopulmonary vascular endothelium of the pony. Turek JJ, et al. **Am J Vet Res** 1985 Mar;46(3):591–6

PULMONARY ARTERY WEDGE PRESSURE see **PULMONARY WEDGE PRESSURE**

PULMONARY CAPILLARY WEDGE PRESSURE see **PULMONARY WEDGE PRESSURE**

PULMONARY CIRCULATION

see related
VENTILATION-PERFUSION RATIO

Cardio-respiratory changes and prostaglandins during one-lung-anesthesia. Scherer R, et al. **Acta Anaesthesiol Belg** 1984 Jun;35(2):89–103

Hypoxic pulmonary vasoconstriction in man: effects of hyperventilation. Bindslev L, et al. **Acta Anaesthesiol Scand** 1985 Jul;29(5):547–51

Hypoxic pulmonary vasoconstriction in the human lung: the effect of prolonged unilateral hypoxic challenge during anaesthesia. Carlsson AJ, et al. **Acta Anaesthesiol Scand** 1985 Apr;29(3):346–51

Effect of selective PEEP on pulmonary blood flow following unilateral hydrochloric acid aspiration in the dog. Takasaki M, et al. **Acta Anaesthesiol Scand** 1985 May;29(4):400–4

Cardiopulmonary blood volume during acute blood pressure elevations in dogs. Thorvaldson J, et al. **Acta Physiol Scand** 1984 Oct;122(2):137–44

Pulmonary and subclavian steal phenomenon following modified Blalock–Taussig shunt. Agarwal KC, et al. **Am Heart J** 1984 Dec;108(6):1567–70

Use of the rebreathing method in the differential diagnosis of congenital heart disease and persistent fetal circulation. Galioto FM Jr, et al. **Am J Cardiol** 1984 Dec 1;54(10):1305–9

Systemic and pulmonary hemodynamic responses to intracranial hypertension. Chen HI, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H715–21

Factors influencing pulmonary and cutaneous arterial blood flow in the toad, Bufo marinus. West NH, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R884–94

Regional hypoxic pulmonary vasoconstriction in dogs with asymptomatic dirofilariasis. Chapleau MW, et al. **Am J Vet Res** 1985 Jun;46(6):1341–5

Relation of arachidonate metabolites to abnormal control of the pulmonary circulation in a child. Barst RJ, et al. **Am Rev Respir Dis** 1985 Jan;131(1):171–7

Distribution of pulmonary blood flow in relation to atelectasis in premature ventilated lambs. Berry D, et al. **Am Rev Respir Dis** 1985 Sep;132(3):500–3

Effect of vasodilator treatment on the resolution of oleic acid injury in dogs. Bishop MJ. et al. **Am Rev Respir Dis** 1985 Mar;131(3):421–5

Increased vascular responsiveness in lungs of rats with pulmonary hypertension induced by monocrotaline pyrrole. Hilliker KS, et al. **Am Rev Respir Dis** 1985 Jan;131(1):46–50

Long-term course of pulmonary arterial pressure in chronic obstructive pulmonary disease. Weitzenblum E, et al. **Am Rev Respir Dis** 1984 Dec;130(6):993–8

One-lung ventilation and hypoxic pulmonary vasoconstriction: implications for anesthetic management. Benumof JL. **Anesth Analg** 1985 Aug;64(8):821–33 (115 ref.)

Hypoxic pulmonary vasoconstriction in the human lung: effect of repeated hypoxic challenges during anesthesia. Bindslev L, et al. **Anesthesiology** 1985 May;62(5):621–5

Pathologic blood flow in pulmonary vascular disease as shown by gated magnetic resonance imaging. von Schulthess GK, et al. **Ann Intern Med** 1985 Sep;103(3):317–23

Hypoxic pulmonary vasoconstriction and endogenous prostaglandin (PG) and thromboxane (TX) release in anesthetized pigs. Conzen P, et al. **Biomed Biochim Acta** 1984;43(8–9):S265–8

The pulmonary circulation in children with congenital heart disease: morphologic and morphometric considerations. Burrows FA, et al. **Can Anaesth Soc J** 1985 Jul;32(4):364–73 (63 ref.)

Tracheomotor response to cardiopulmonary bypass: influence of lung deflation and cardiac distension. Byrick RJ, et al. **Can Anaesth Soc J** 1985 May;32(3 Pt 1):223–30

Pulmonary vascular responsiveness in cold-exposed calves. Greenlees KJ, et al. **Can J Physiol Pharmacol** 1985 Feb;63(2):131–5

Pulmonary vascular input impedance in the newborn and infant pig. Greenwald SE, et al. **Cardiovasc Res** 1985 Jan;19(1):44–50

Pulmonary wedge angiography for the evaluation of the pulmonary vascular bed in congenital heart disease. Fujiyama J, et al. **Cathet Cardiovasc Diagn** 1984;10(3):237–46

Changes in distribution of lung perfusion and ventilation at rest and during maximal exercise. Mohsenifar Z, et al. **Chest** 1985 Mar;87(3):359–62

Comments on 'Carotid sinus baroreceptor reflex control and the role of autoregulation in the systemic and pulmonary arterial pressure-flow relationships of the dog' [letter] Burattini R. **Circ Res** 1985 Jul;57(1):198–200

Pulmonary artery constriction produces a greater right ventricular dynamic afterload than lung microvascular injury in the open chest dog. Calvin JE Jr, et al. **Circ Res** 1985 Jan;56(1):40–56

Abnormal distribution of pulmonary blood flow after the Glenn shunt or Fontan procedure: risk of development of arteriovenous fistulae. Cloutier A, et al. **Circulation** 1985 Sep;72(3):471–9

Pulmonary venous flow pattern--its relationship to cardiac dynamics. A pulsed Doppler echocardiographic study. Keren G, et al. **Circulation** 1985 Jun;71(6):1105–12

Control of pulmonary vascular resistance in the fetus and newborn. Lyrene RK, et al. **Clin Perinatol** 1984 Oct;11(3):551–64 (66 ref.)

Prostaglandins, related compounds, and the perinatal pulmonary circulation. Philips JB 3d, et al. **Clin Perinatol** 1984 Oct;11(3):565–79 (99 ref.)

Asynchronous ventilation in the dog: effects on lung blood flow and gas exchange. Frostell C, et al. **Clin Physiol** 1985;5 Suppl 3:59–64

Noninvasive pulmonary blood flow for optimal PEEP. Gedeon A. **Clin Physiol** 1985;5 Suppl 3:49–58

Pulmonary blood flow determination with selective rebreathing of CO2. Linnarsson D, et al. **Clin Physiol** 1985;5 Suppl 3:39–48

Respiratory and circulatory adaptation to isometric and dynamic exercise in chronic lung disease. Schrijen F, et al. **Clin Physiol** 1984 Oct;4(5):371–8

An automated algorithm for radionuclide angiocardiographic quantitation of circulatory shunting. Kuruc A, et al. **Comput Biomed Res** 1984 Oct;17(5):481–93

Potential role of platelets in the pulmonary circulation. A review. Mlczoch J. **Cor Vasa** 1985;27(2–3):153–9

Changes in pulmonary blood flow during wedge pressure measurement in a neonate [letter] Damen J. **Crit Care Med** 1985 Aug;13(8):693–4

Pulmonary physiologic response to central venous administration of hemorrhagic pancreatic ascitic fluid in a porcine model. Williams RS, et al. **Curr Surg** 1984 Sep–Oct;41(5):362–5

Regional pulmonary blood volume in patients with abnormal blood pressure or flow in the pulmonary circulation. Wollmer P, et al. **Eur Heart J** 1984 Nov;5(11):924–31

Macromolecule transport across the pulmonary microvessel walls. Taylor A, et al. **Exp Lung Res** 1985;8(2–3):97–123 (124 ref.)

Mechanism of pulmonary arterial hypertension. Denolin H. **G Ital Cardiol** 1984;14 Suppl 1:30–2

Who was the first to describe pulmonary circulation? Donáth T. **Gegenbaurs Morphol Jahrb** 1984;130(6):819–26

Endocardial fibroelastosis and myocardial calcification secondary to an anomalous right coronary artery arising from the pulmonary trunk. Huang TY, et al. **Hum Pathol** 1985 Sep;16(9):959–60

Calculating pulmonary vascular resistance in children with congenital heart disease [letter] Huhta JC. **J Am Coll Cardiol** 1984 Nov;4(5):1071

Pulmonary blood flow vs. gas volume at various perfusion pressures in rabbit lung. Beck KC, et al. **J Appl Physiol** 1985 Jun;58(6):2004–10

Effect of lung inflation on lung blood volume and pulmonary venous flow. Brower R, et al. **J Appl Physiol** 1985 Mar;58(3):954–63

Interaction between cold and altitude exposure on pulmonary circulation of cattle. Busch MA, et al. **J Appl Physiol** 1985 Mar;58(3):948–53

Transpulmonary passage of venous air emboli. Butler BD, et al. **J Appl Physiol** 1985 Aug;59(2):543–7

Thromboxane-induced pulmonary vasoconstriction: involvement of calcium. Farrukh IS, et al. **J Appl Physiol** 1985 Jan;58(1):34–44

Error due to dead-space admixture in single-breath method for estimation of pulmonary blood flow. Grønlund J, et al. **J Appl Physiol** 1985 Mar;58(3):1034–9

Hypoxia and angiotensin II infusion redistribute lung blood flow in lambs. Hansen TN, et al. **J Appl Physiol** 1985 Mar;58(3):812–8

Influence of endothelial volume on kinetics of reacting indicators in the lung. Harris TR. **J Appl Physiol** 1984 Nov;57(5):1528–30

Reversal of reflex pulmonary vasoconstriction induced by main pulmonary arterial distension. Juratsch CE, et al. **J Appl Physiol** 1985 Apr;58(4):1107–14

Effect of the rebreathing pattern on pulmonary tissue volume and capillary blood flow. Kallay MC, et al. **J Appl Physiol** 1985 Jun;58(6):1881–94

Effects of pulmonary congestion on airway reactivity to histamine aerosol in dogs. Kikuchi R, et al. **J Appl Physiol** 1984 Dec;57(6):1640–7

Effect of lymphatic cannula outflow height on lung microvascular permeability estimations. Laine GA, et al. **J Appl Physiol** 1984 Nov;57(5):1412–6

CO2 and mechanical factors reduce blood flow in a collapsed lung lobe. McFarlane PA, et al. **J Appl Physiol** 1984 Sep;57(3):739–43

How does positive end-expiratory pressure reduce intrapulmonary shunt in canine pulmonary edema? Malo J, et al. **J Appl Physiol** 1984 Oct;57(4):1002–10

Increased microvascular permeability in dog lungs due to high peak airway pressures. Parker JC, et al. **J Appl Physiol** 1984 Dec;57(6):1809–16

Effects of prolonged elevated microvascular pressure on lung fluid balance in sheep. Parker RE, et al. **J Appl Physiol** 1985 Mar;58(3):869–75

Blood-gas equilibration of CO2 and O2 in lungs of awake dogs during prolonged rebreathing. Scotto P, et al. **J Appl Physiol** 1984 Nov;57(5):1354–9

Temporal delay of venous blood correlates with onset of exercise hyperpnea. VanBenthuysen KM, et al. **J Appl Physiol** 1984 Sep;57(3):874–80

Segmental pulmonary vascular resistance in progressive hydrostatic and permeability edema. Wang CG, et al. **J Appl Physiol** 1985 Jul;59(1):242–7

Autonomic regulation of the pulmonary circulation. Hyman AL, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 3:S80–95

The pulmonary hemodynamic response to perioperative anesthesia in the treatment of high-risk infants with congenital diaphragmatic hernia. Vacanti JP, et al.

J Pediatr Surg 1984 Dec;19(6):672-9

Measurement of pulsatile flows and variable volumes by bolus injection of indicator in a model of the pulmonary circulation. Zelter M, et al. **J Physiol (Paris)** 1984; 79(1):22-8

Pulmonary circulatory support. A quantitative comparison of four methods. Gaines WE, et al. **J Thorac Cardiovasc Surg** 1984 Dec;88(6):958-64

A new method for the quantitative standardization of cross-sectional areas of the pulmonary arteries in congenital heart diseases with decreased pulmonary blood flow. Nakata S, et al. **J Thorac Cardiovasc Surg** 1984 Oct; 88(4):610-9

Tricuspid atresia. Morphology of the outlet chamber with special emphasis on surgical implications. Ottenkamp J, et al. **J Thorac Cardiovasc Surg** 1985 Apr;89(4):597-603

A problem intrinsic to the measurements of the pulmonary extravascular water volume by the thermal-dye technic with the sampling site in the bifurcation of the aorta. Thermal equilibrium with the aortic wall. Kambara K, et al. **Jpn Circ J** 1985 Mar;49(3):301-10

Loss of diffusible indicator in the pulmonary vascular circuit. Grubbs DS, et al. **Jpn Heart J** 1984 Nov;25(6):1047-50

Effects of elevated-hematocrit levels on pulmonary circulation in conscious sheep. Sakai A, et al. **Jpn J Physiol** 1984;34(5):871-82

Plasma-lymph albumin kinetics, total lymph flow, and tissue hematocrit in normally hydrated dog lungs. Parker JC, et al. **Microvasc Res** 1984 Sep;28(2):254-69

Comparison between pore model predictions and sheep lung fluid and protein transport. Roselli RJ, et al. **Microvasc Res** 1985 May;29(3):320-39

Left ventricular function and the distribution of pulmonary and total blood volume in hypertensive and normotensive man. Mackay I, et al. **Nucl Med Commun** 1984 Oct; 5(10):609-18

Cyanotic congenital heart disease with decreased pulmonary blood flow. Uzark K. **Nurs Clin North Am** 1984 Sep; 19(3):503-19

The assessment of pulmonary vascular tone: a review of experimental methodologies. Kulik TJ, et al. **Pediatr Pharmacol (New York)** 1984;4(2):73-83 (59 ref.)

Functional assessment of the pulmonary microcirculation during postnatal development. Lister G, et al. **Pediatr Pharmacol (New York)** 1984;4(2):85-99

Effect of body position on pulmonary function. Dean E. **Phys Ther** 1985 May;65(5):613-8

Leukotriene C4 production during hypoxic pulmonary vasoconstriction in isolated rat lungs. Morganroth ML, et al. **Prostaglandins** 1984 Dec;28(6):867-75

Changes in blood flow distribution in equine lungs induced by anaesthesia. Dobson A, et al. **Q J Exp Physiol** 1985 Apr;70(2):283-97

The rectilinear pressure-flow relationship in the pulmonary vasculature: zones 2 and 3. Hakim TS, et al. **Respir Physiol** 1985 Jul;61(1):115-23

Effect of acute pulmonary hypertension on pressure/flow in the canine pulmonary vascular bed. Selkurt EE. **Respir Physiol** 1985 May;60(2):169-80

Pulmonary haemodynamics at rest and during exercise in patients with sarcoidosis. Głuskowski J, et al. **Respiration** 1984;46(1):26-32

Restoration of pulmonary functions after reinflation in chronic atelectasis. Harada K, et al. **Respiration** 1984; 46(2):209-17

Pulmonary vascular changes in young and aging rats exposed to 5,486 m altitude. Tucker A, et al. **Respiration** 1984; 46(3):246-57

Pulmonary vascular resistance in ventricular septal defects. The long-term prognosis as evaluated by the thermodilution method. Hedvall G. **Scand J Clin Lab Invest** 1984 Nov;44(7):655-9

Pulmonary hemodynamics in systemic hypertension. Alpert MA, et al. **South Med J** 1985 Jul;78(7):784-9

Changes in pulmonary vascular tone during early hemodialysis. Walker F, et al. **Trans Am Soc Artif Intern Organs** 1984;30:168-72

The ratio of cardiopulmonary blood volume to stroke volume as an index of cardiac function in horses. van Aarde MN, et al. **Vet Res Commun** 1984 Nov;8(4):293-302

Pulmonary haemodynamics in healthy calves and in calves suffering from respiratory disorders. Nuytten J, et al. **Zentralbl Veterinarmed** [A] 1985 Feb;32(2):81-5

[Changes in respiratory function, functional and true intrapulmonary shunts and acid-base state depending on the type of heart defect] Marinov Kh. **Vutr Boles** 1985; 24(1):89-98 (Eng. Abstr.) **(Bul)**

[The effect of hemodialysis on pulmonary volumes. Ventilatory changes during recession of congestion in the lesser circulation] Munclinger M, et al. **Cas Lek Cesk** 1984 Nov 2;123(44):1349-51 (Eng. Abstr.) **(Cze)**

[Changes in pulmonary hemodynamics in children with congenital heart defects and left-right shunts] Fišerová E, et al. **Cesk Pediatr** 1985 Jun;40(6):325-30 (Eng. Abstr.) **(Cze)**

[Long-term treatment using prostaglandin E2 in congenital heart defects with the pulmonary circulation being supplied by a patent ductus arteriosus] Hruda J, et al. **Cesk Pediatr** 1985 May;40(5):257-62 (Eng. Abstr.) **(Cze)**

[The significance of the diagnosis of aorto-pulmonary collaterals in the tetralogy of Fallot] Vítek B, et al. **Cesk Pediatr** 1985 Jul;40(7):386-8 (Eng. Abstr.) **(Cze)**

[Collateral pulmonary circulation in Fallot's tetralogy] Magnier S, et al. **Arch Mal Coeur** 1985 Jun;78(6):917-23 (Eng. Abstr.) **(Fre)**

[Vasomotoricity of the pulmonary circulation] Garzaniti N, et al. **Rev Med Liege** 1984 Sep 1;39(17):619-25 **(Fre)**

[Reversible pulmonary hypoperfusion following proximal bronchial obstruction caused by a benign process] Hubsch JP, et al. **Rev Pneumol Clin** 1984;40(5):293-7 (Eng. Abstr.) **(Fre)**

[Nuclear medicine diagnosis of pulmonary capillary protein leakage] Creutzig H, et al. **Nuklearmedizin** 1984 Oct; 23(5):253-6 (Eng. Abstr.) **(Ger)**

[Comparison of vascular width and accuracy in the subjective assessment of pulmonary circulation in the roentgen picture of children with left-right shunts] Hegenbarth R, et al. **Rontgenblatter** 1985 Apr;38(4):101-4 (Eng. Abstr.) **(Ger)**

[Respiratory functional hypoxia in ruminants under general anesthesia] Erhardt W, et al. **Tierarztl Prax** 1985;Suppl 1:45-9 (Eng. Abstr.) **(Ger)**

[Effects of various forms of hypoxia and physical stress on pulmonary circulation] Harzbecker K. **Z Erkr Atmungsorgane** 1985;164(3):280-3 (Eng. Abstr.) **(Ger)**

[Positron emission tomography of regional extravascular lung water and regional pulmonary blood volume in chronic heart failure] Bossaller C, et al. **Z Kardiol** 1985 Jan; 74(1):5-14 (Eng. Abstr.) **(Ger)**

[Early effects of lung lesions due to asbestos on the hemodynamics of pulmonary circulation. Observations in 15 cases] Tomasini M, et al. **Med Lav** 1984 Jul-Aug; 75(4):306-12 (Eng. Abstr.) **(Ita)**

[Noninvasive determination of the ratio of pulmonary to systemic blood flow with two-dimensional Doppler echocardiography: efficacy and limitation] Okamoto M, et al. **J Cardiogr** 1984 Jun;14(1):189-200 (Eng. Abstr.) **(Jpn)**

[Regional pulmonary function assessed by C15O2 and 11CO inhalation] Murata K, et al. **Kaku Igaku** 1984 Aug; 21(8):953-61 (Eng. Abstr.) **(Jpn)**

[Roles of prostaglandins and leukotrienes in pulmonary circulation] Kitamura S. **Kokyu To Junkan** 1984 Sep; 32(9):883-8 (13 ref.) **(Jpn)**

[Pulmonary hypertension in severe adult respiratory distress syndrome] Kobayashi K. **Kokyu To Junkan** 1984 Sep; 32(9):907-12 (13 ref.) **(Jpn)**

[Anatomical and mechanical aspects of pulmonary circulation] Mieno T, et al. **Kokyu To Junkan** 1984 Sep; 32(9):877-82 (25 ref.) **(Jpn)**

[Hypoxia and hypercapnia on pulmonary circulation] Miyamoto K, et al. **Kokyu To Junkan** 1984 Sep; 32(9):869-75 (70 ref.) **(Jpn)**

[The relationship between preoperative pulmonary blood flow measured by lung perfusion scanning with 99mTc-MAA and values of PaO2 during one-lung anaesthesia] Nomoto Y. **Masui** 1985 Apr;34(4):446-52 (Eng. Abstr.) **(Jpn)**

[Study of anaphylactic shock in the dog--changes in pulmonary circulation and organic blood flow] Tonosaki Y, et al. **Masui** 1984 Nov;33(11):1218-23 (Eng. Abstr.) **(Jpn)**

[a-ETDCO2 in open heart surgery] Tsuda H, et al. **Masui** 1985 May;34(5):599-605 (Eng. Abstr.) **(Jpn)**

[Blood flow in the abnormal artery of an intralobar sequestration] Masuda H, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Dec; 32(12):2119-22 (Eng. Abstr.) **(Jpn)**

[Analysis on pulmonary circulation after lung resection--with special reference to the principle component analysis using multivariate data] Yanagisawa M, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Dec; 32(12):2101-9 (Eng. Abstr.) **(Jpn)**

[Effect of acute re-expansion of the unilaterally collapsed lung on the lung water content and pulmonary circulation in dogs] Ishibe Y. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec; 22(12):1077-83 (Eng. Abstr.) **(Jpn)**

[Nocturnal desaturation in patients with chronic lung disease--with special reference to the effect on pulmonary circulation] Sawada M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar; 23(3):302-10 (Eng. Abstr.) **(Jpn)**

[Respiratory insufficiency in elderly persons--disturbance in pulmonary circulation] Iwasaki S. **Nippon Ronen Igakkai Zasshi** 1984 Sep;21(5):425-30 (Eng. Abstr.) **(Jpn)**

[Primary pulmonary hypertension. A view of the disease in the light of 30-year clinical and hemodynamic studies] Dubiel JP. **Przegl Lek** 1984;41(6):439-45 (44 ref.) **(Pol)**

[Humoral regulation of intrapulmonary shunting during anesthesia in lung surgery] Gimmel'farb GN, et al. **Anesteziol Reanimatol** 1985 Jan-Feb;(1):12-6 (Eng. Abstr.) **(Rus)**

[Functional characteristics of the lesser circulation in 7- to 12-year-old children] Kaliuzhnaia RA, et al. **Fiziol Cheloveka** 1984 Nov-Dec;10(6):937-45 **(Rus)**

[Pulmonary blood flow and arterial blood oxygenation in the healthy human being during 7 days of hypokinesia] Nikolaenko EM, et al. **Fiziol Cheloveka** 1984 May-Jun; 10(3):421-5 **(Rus)**

[Biotransformation of prostaglandin E1, bradykinin and angiotensin I in pulmonary circulation in rats with spontaneous hypertension] Karpitskiĭ VV, et al. **Fiziol Zh** 1985 Mar-Apr;31(2):227-30 **(Rus)**

[Pulmonary blood flow in healthy children 11- to 13-years-old based on data of zonal impedance rheoplethysmography] Vinitskiĭ LL. **Fiziol Zh** 1985 Jan-Feb;31(1):28-33 (Eng. Abstr.) **(Rus)**

[Changes in systemic and pulmonary hemodynamics during an increase in lung volume] Danilov LN. **Fiziol Zh SSSR** 1985 May;71(5):593-8 (Eng. Abstr.) **(Rus)**

[Characteristics of the regional blood flow in the lungs during the development of pneumoconiosis] Deĭnega VG, et al. **Gig Tr Prof Zabol** 1985 Apr;(4):14-6 (Eng. Abstr.) **(Rus)**

[Zonal rheography in the complex evaluation of pulmonary function before surgery] Muromskiĭ IuA, et al. **Grudn Khir** 1984 Sep-Oct;(5):61-5 (Eng. Abstr.) **(Rus)**

[Role of x-rays of the organs of the thoracic cavity in studying the hemodynamics of pulmonary circulation in ischemic heart disease] Rabukhina NA, et al. **Klin Med (Mosk)** 1984 Jul;62(7):39-43 (Eng. Abstr.) **(Rus)**

[Effect of 120-day antiorthostatic hypokinesia on gas exchange and pulmonary circulation in humans] Vorob'ev VE, et al. **Kosm Biol Aviakosm Med** 1984 Sep-Oct; 18(5):23-6 (Eng. Abstr.) **(Rus)**

[Changes in regional hemodynamics and gas exchange in healthy males after moderate blood loss and blood reinfusion in response to antiorthostatic hypokinesia] Vorob'ev VE, et al. **Kosm Biol Aviakosm Med** 1985 Jan-Feb;19(1):45-8 (Eng. Abstr.) **(Rus)**

[Radionuclide and macro-microangiographic study of pulmonary ventilation and blood flow in chronic nonspecific lung diseases] Kradinov AI, et al. **Med Radiol (Mosk)** 1985 Jul;30(7):11-5 (Eng. Abstr.) **(Rus)**

[Role of microcirculatory disorders in the pathogenesis of pulmonary hypertension in chronic nonspecific lung diseases] Tepliakov AT, et al. **Probl Tuberk** 1984 Aug; (8):65-8 (Eng. Abstr.) **(Rus)**

[Pulmonary circulation in chronic renal failure (clinico-morphological studies)] Alekseevskikh IuG, et al. **Sov Med** 1985;(1):22-7 (Eng. Abstr.) **(Rus)**

[Pulmonary blood flow in chronic nonspecific lung diseases] Gendlin GE, et al. **Sov Med** 1984;(10):7-13 (Eng. Abstr.) **(Rus)**

[Assessment of the pulmonary blood flow changes in thromboembolism of small branches of the pulmonary artery] Bukhalovskiĭ IN, et al. **Ter Arkh** 1985;57(3):110-2 (Eng. Abstr.) **(Rus)**

[Use of zonal rheography of the lungs in diagnosing chronic bronchitis] Iudina LV, et al. **Ter Arkh** 1985;57(3):16-8 **(Rus)**

[Detection of latent hemodynamic disorders of the lesser circulation in patients with chronic obstructive bronchitis and bronchial asthma] Sil'vestrov VP, et al. **Ter Arkh** 1984; 56(8):58-61 (Eng. Abstr.) **(Rus)**

[Functional dependence between pressure in the pulmonary artery and venous admixing in the lungs in diseases in children] Vorontsov IuP, et al. **Vestn Akad Med Nauk SSSR** 1984;(9):51-4 (Eng. Abstr.) **(Rus)**

[Vascular component in the pathogenesis of lung failure in acute pancreatitis patients] Gul'man MI, et al. **Vestn Khir** 1984 Oct;133(10):49-52 (Eng. Abstr.) **(Rus)**

[Evaluation of the state of the pulmonary picture in heart septal defects using roentgenodensitometry] Itskovich IE, et al. **Vestn Rentgenol Radiol** 1985 Jan-Feb;(1):41-6 (Eng. Abstr.) **(Rus)**

[Effect of tobacco smoking on hemodynamics of the general and pulmonary circulations] Belinskiĭ VP, et al. **Vrach Delo** 1984 Dec;(12):61-3 (Eng. Abstr.) **(Rus)**

[The effect of substitution hemodilution on pulmonary hemodynamics and the internal environment] Brozman B, et al. **Bratisl Lek Listy** 1985 Mar;83(3):308-22 (Eng. Abstr.) **(Slo)**

[Total abnormal pulmonary venous drainage: surgical treatment, results and postoperative follow-up] Cordovilla G, et al. **Rev Esp Cardiol** 1985 Jan-Feb;38(1):50-9 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Methylprednisolone reduces vascular resistance in hypoxic and atelectatic lungs. Strømme-Hansen L, et al. **Acta Anaesthesiol Scand** 1985 May;29(4):446-52

The responses of the systemic and pulmonary circulations to intravenously administered clonidine in anaesthetized dogs. Järvensivu P, et al. **Acta Physiol Scand [Suppl]** 1984; 537:23-30

Comparative effects of captopril and isosorbide dinitrate on pulmonary arteriolar resistance and right ventricular function in patients with severe left ventricular failure: results of a randomized crossover study. Packer M, et al. **Am Heart J** 1985 Jun;109(6):1293-9

Effects of angiocardiographic contrast media on the pulmonary circulation in pigs. Lange PE, et al. **Am J Cardiol** 1984 Nov 1;54(8):1125-30

Adenosine and hypoxic pulmonary vasodilation. Gottlieb JE, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):H541-7

Effects of ouabain, low K+, and aldosterone on hypoxic pressor reactivity of rat lungs. Herget J, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):H55-60

Effect of high doses of aspirin on pulmonary hemodynamics and lung water. Maron MB. **Am J Physiol** 1985 Feb;248(2 Pt 2):H225–31

Leukotriene end organ antagonists increase pulmonary blood flow in fetal lambs. Soifer SJ, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):H570–6

Direct and indirect effects of leukotriene D4 on the pulmonary and systemic circulations. Ahmed T, et al. **Am Rev Respir Dis** 1985 Apr;131(4):554–8

Mechanical ventilation with 100% oxygen does not increase intrapulmonary shunt in patients with severe bacterial pneumonia. Lampron N, et al. **Am Rev Respir Dis** 1985 Mar;131(3):409–13

Pulmonary and systemic hemodynamic responses to fentanyl in infants. Hickey PR, et al. **Anesth Analg** 1985 May;64(5):483–6

Hemodynamic effects of ketamine in children with congenital heart disease. Morray JP, et al. **Anesth Analg** 1984 Oct;63(10):895–9

Pulmonary and systemic hemodynamic responses to ketamine in infants with normal and elevated pulmonary vascular resistance. Hickey PR, et al. **Anesthesiology** 1985 Mar;62(3):287–93

Prostaglandin F2 alpha improves oxygen tension and reduces venous admixture during one-lung ventilation in anesthetized paralyzed dogs. Scherer RW, et al. **Anesthesiology** 1985 Jan;62(1):23–8

Effects of dopamine on the pulmonary circulation of the dog. Moraes-Silva MA, et al. **Braz J Med Biol Res** 1984;17(1):75–82

Acute effects of almitrine infusion on pulmonary haemodynamics in normal man. Gluskowski J, et al. **Bull Eur Physiopathol Respir** 1984 Jul–Aug;20(4):313–7

Intrapulmonary shunting during deliberate hypotension with nifedipine, diltiazem and labetalol in dogs. Casthely PA, et al. **Can Anaesth Soc J** 1985 Mar;32(2):119–23

Analysis of responses to leukotriene D4 in the pulmonary vascular bed. Kadowitz PJ, et al. **Circ Res** 1984 Nov;55(5):707–17

Cardiovascular effects of leukotrienes in neonatal piglets. Role in hypoxic pulmonary vasoconstriction? Leffler CW, et al. **Circ Res** 1984 Dec;55(6):780–7

Failure of a protease inhibitor to affect the cardiopulmonary response to endotoxin when combined with a cyclooxygenase inhibitor. Traber DL, et al. **Circ Shock** 1984;13(4):319–23

Sustained improvement of pulmonary hemodynamics in patients at rest and during exercise after thrombolytic treatment of massive pulmonary embolism. Schwarz F, et al. **Circulation** 1985 Jan;71(1):117–23

Effect of high-frequency positive-pressure ventilation on halothane ablation of hypoxic pulmonary vasoconstriction. Hall SM, et al. **Crit Care Med** 1985 Aug;13(8):641–5

Effects of dopamine and dobutamine on the distribution of pulmonary blood flow during lobar ventilation hypoxia and lobar collapse in dogs. McFarlane PA, et al. **Eur J Clin Invest** 1985 Apr;15(2):53–9

Effects of captopril on pulmonary haemodynamics. Richard C, et al. **Eur J Clin Pharmacol** 1984;27(1):35–9

The response of microvessels in rat lung explants to incubation with norepinephrine. Davies P, et al. **Exp Lung Res** 1984;7(2):93–100

The acute effects of prostaglandin E1 on the pulmonary circulation and oxygen delivery in patients with the adult respiratory distress syndrome. Tokioka H, et al. **Intensive Care Med** 1985;11(2):61–4

Paradoxical pulmonary vasoconstriction induced by nitroglycerin in idiopathic pulmonary hypertension. Hoit B, et al. **J Am Coll Cardiol** 1985 Aug;6(2):490–2

Hemodynamic and clinical significance of the pulmonary vascular response to long-term captopril therapy in patients with severe chronic heart failure. Packer M, et al. **J Am Coll Cardiol** 1985 Sep;6(3):635–45

Pressure effects and uptake of platelet-activating factor in isolated rat lung. Lichey J, et al. **J Appl Physiol** 1984 Oct;57(4):1039–44

Perinatal pulmonary responses to arachidonic acid during normoxia and hypoxia. Tod ML, et al. **J Appl Physiol** 1984 Oct;57(4):977–83

Effects of arachidonate on permeability and resistance distribution in canine lungs. Townsley MI, et al. **J Appl Physiol** 1985 Jan;58(1):206–10

Systemic and pulmonary hemodynamic effects of indapamide in patients with mild arterial hypertension. Magrini F, et al. **J Cardiovasc Pharmacol** 1985 Mar–Apr;7(2):281–5

Effects of acetylcholine in the pulmonary circulation of rabbits. Catravas JD, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):236–41

Pulmonary vascular response to digoxin in newborn lambs. Milstein JM, et al. **Pediatr Pharmacol (New York)** 1984;4(4):223–9

Pulmonary and systemic vascular responses to tolazoline in neonatal and mature calves. Tucker A, et al. **Pediatr Pharmacol (New York)** 1984;4(2):115–28

Leukotriene inhibition prevents and reverses hypoxic pulmonary vasoconstriction in newborn lambs. Schreiber MD, et al. **Pediatr Res** 1985 May;19(5):437–41

Pulmonary vascular effects of Leu5-enkephalin in conscious newborn lambs. Kulik TJ, et al. **Peptides (Fayetteville)** 1985 Jan–Feb;6(1):1–5

Pulmonary vascular response to thrombin: effects of thromboxane synthetase inhibition with OKY-046 and OKY-1581. Garcia-Szabo R, et al. **Prostaglandins** 1984 Dec;28(6):851–66

Influence of cyclooxygenase blockade on responses to isoproterenol, bradykinin and nitroglycerin in the feline pulmonary vascular bed. Lippton HL, et al. **Prostaglandins** 1984 Aug;28(2):253–70

Nafazatrom (Bay g 6575) blunts canine hypoxic pulmonary vasoconstriction: evidence for a prostaglandin-mediated mechanism. Ensley RD, et al. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):95–104

Calcium-induced pulmonary vasodilation: modification by meclofenamate and ouabain. Voelkel NF. **Prostaglandins Leukotrienes Med** 1984 Sep;15(3):359–73

[The effect of dopamine on pulmonary circulation] Obara H, et al. **Masui** 1984 Jul;33(7):714–9 (Eng. Abstr.) **(Jpn)**

[Effect of halothane on instantaneous pulmonary capillary blood flow measured by direct intratracheal flow method] Takeda J, et al. **Masui** 1984 Sep;33(9):953–8 (Eng. Abstr.) **(Jpn)**

[Effect of prostacycline on pulmonary circulation in pulmonary hypertension] Szczeklik J, et al. **Kardiol Pol** 1984;27(7):607–12 (Eng. Abstr.) **(Pol)**

[Effect of a single dose of strophanthin on left and right ventricular function and pulmonary circulation in patients with mitral stenosis and preserved sinus rhythm] Poloński L, et al. **Pol Arch Med Wewn** 1984 Jun;71(6):355–62 (Eng. Abstr.) **(Pol)**

[Characteristics of the action of strophanthin on central hemodynamics, pulmonary and intrahepatic blood circulation and myocardial contraction] Zavolovskaia LI. **Ter Arkh** 1985;57(3):115–7 (Eng. Abstr.) **(Rus)**

PULMONARY COIN LESION see **COIN LESION, PULMONARY**

PULMONARY DIFFUSING CAPACITY

High frequency ventilation and gas diffusion. Chakrabarti MK, et al. **Acta Anaesthesiol Scand** 1984 Oct;28(5):544–8

Carbon monoxide diffusing capacity as predictor of outcome in systemic sclerosis. Peters-Golden M, et al. **Am J Med** 1984 Dec;77(6):1027–34

The morphological factors affecting pulmonary diffusing capacity under various conditions of ambient temperature and energy expenditure. Yasukouchi A, et al. **Ann Physiol Anthropol** 1984 Apr;3(2):144–5

Role of carbon monoxide diffusing capacity in the early detection of major bleomycin-induced pulmonary toxicity. Bell MR, et al. **Aust NZ J Med** 1985 Apr;15(2):235–40

Diffusing capacity (transfer factor) for carbon monoxide-DLCO (TLCO). Mitchell CA. **Aust NZ J Med** 1984 Oct;14(5 Suppl 3):798–9

Pulmonary diffusing capacity for carbon monoxide by rebreathing in mechanically ventilated patients. Burchardi H, et al. **Bull Eur Physiopathol Respir** 1985 May–Jun;21(3):263–73 (53 ref.)

Standardization of lung transfer factor [editorial] Cotes JE. **Bull Eur Physiopathol Respir** 1985 Mar–Apr;21(2):123–4 **(Eng, Fre)**

Standardization of computation of single-breath transfer factor. Morris AH, et al. **Bull Eur Physiopathol Respir** 1985 Mar–Apr;21(2):183–9

Reduction of the single breath CO diffusing capacity in cystic fibrosis. Cotton DJ, et al. **Chest** 1985 Feb;87(2):217–22

Carbon monoxide diffusing capacity: a reliable indicator of bleomycin-induced pulmonary toxicity. Sørensen PG, et al. **Eur J Respir Dis** 1985 May;66(5):333–40

Uniformity of increase in pulmonary diffusing capacity during submaximal exercise in normal young adults. Yasukouchi A. **Ind Health** 1984;22(3):137–51

Changes in pulmonary diffusing capacity at rest under various ambient temperatures in normal young adults. Yasukouchi A, et al. **Ind Health** 1984;22(4):227–34

Effect of breath-hold time on DLCO(SB) in patients with airway obstruction. Graham BL, et al. **J Appl Physiol** 1985 Apr;58(4):1319–25

Diffusion limitation in normal humans during exercise at sea level and simulated altitude. Torre-Bueno JR, et al. **J Appl Physiol** 1985 Mar;58(3):989–95

Kinetics of pulmonary CO2 transfer studied by using labeled carbon dioxide C16O18O. Schuster KD. **Respir Physiol** 1985 Apr;60(1):21–37

Effect of low hemoglobin levels on the diffusing capacity of the lungs for CO. Investigations in persons with healthy lungs and in patients with interstitial pulmonary fibrosis. Petermann W. **Respiration** 1985;47(1):30–8

[Pulmonary arterial pressure and shunt in pigs in experimental hypoxia. III. Lung shunt and pulmonary oxygenation in experimental hypoxemia] Zhong NS. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1985 Apr;8(2):82–4, 126 (Eng. Abstr.) **(Chi)**

[Role of tobacco smoking in the determination of CO diffusion impairment in silicotic patients] Paggiaro PL, et al. **Rev Mal Respir** 1984;1(5):309–12 (Eng. Abstr.) **(Fre)**

[Alveolaro-capillary gas exchange. Considerations on the evaluation of carbon monoxide diffusion] Spigno F, et al. **G Ital Med Lav** 1983 Sep;5(5):215–20 (Eng. Abstr.) **(Ita)**

[Effects of hypoxic and cool environment on the pulmonary diffusing capacity for CO] Yasukouchi A, et al. **Ann Physiol Anthropol** 1984 Jan;3(1):11–8 (Eng. Abstr.) **(Jpn)**

[Regional pulmonary function assessed by C15O2 and 11CO inhalation] Murata K, et al. **Kaku Igaku** 1984 Aug;21(8):953–61 (Eng. Abstr.) **(Jpn)**

[A study on pulmonary gas exchange during muscular exercise by patients with idiopathic interstitial pneumonia] Saito G. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Sep;22(9):733–41 (Eng. Abstr.) **(Jpn)**

[A study of pulmonary function of idiopathic interstitial pneumonia--pulmonary diffusing capacity and small airway dynamics] Saito G. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Sep;22(9):742–50 (Eng. Abstr.) **(Jpn)**

PULMONARY DISEASE, CHRONIC OBSTRUCTIVE see **LUNG DISEASES, OBSTRUCTIVE**

PULMONARY DISEASES see **LUNG DISEASES**

PULMONARY EDEMA

CHEMICALLY INDUCED

Pulmonary edema during cesarean section related to the use of oxytocic drugs. Heytens L, et al. **Acta Anaesthesiol Belg** 1984 Jun;35(2):155–64

Salicylate-induced pulmonary edema: clinical characteristics in children. Fisher CJ Jr, et al. **Am J Emerg Med** 1985 Jan;3(1):33–7

Circulatory and renal effects of ritodrine infusion [letter] Clark SL, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1143–5

Effects of OKY-046, a selective thromboxane synthetase inhibitor, on endotoxin-induced lung injury in unanesthetized sheep. Kubo K, et al. **Am Rev Respir Dis** 1985 Sep;132(3):494–9

Pulmonary oedema associated with tocolytic therapy [letter] Brown M, et al. **Anaesth Intensive Care** 1985 Feb;13(1):102–3

Fatal pulmonary oedema associated with the use of ritodrine in pregnancy. Case report. MacLennan FM, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):703–5

Noncardiogenic pulmonary edema secondary to intrauterine instillation of 32% dextran 70. Zbella EA, et al. **Fertil Steril** 1985 Mar;43(3):479–80

Morphology of oleic acid-induced lung injury. Observations from computed tomography, specimen radiography, and histology. Hedlund LW, et al. **Invest Radiol** 1985 Jan–Feb;20(1):2–8

Contrast media induced pulmonary edema. Comparison of ionic and nonionic agents in an animal model. Måre K, et al. **Invest Radiol** 1984 Nov–Dec;19(6):566–9

Type of lung injury influences the thermal-dye estimation of extravascular lung water. Carlile PV, et al. **J Appl Physiol** 1984 Sep;57(3):680–5

Albumin attenuation of oleic acid edema in dog lung depleted of blood components. Hofman WF, et al. **J Appl Physiol** 1985 Jun;58(6):1949–55

Effect of endotoxemia on hypoxic pulmonary vasoconstriction in unanesthetized sheep. Hutchison AA, et al. **J Appl Physiol** 1985 May;58(5):1463–8

Promethazine or DPPD pretreatment attenuates oleic acid-induced injury in isolated canine lungs. Townsley MI, et al. **J Appl Physiol** 1985 Jul;59(1):39–46

Histamine-induced pulmonary edema distal to pulmonary arterial occlusion. Walkenstein MD, et al. **J Appl Physiol** 1985 Apr;58(4):1092–8

Cardiovascular consequences of beta-agonist tocolysis: an echocardiographic study. Finley J, et al. **Obstet Gynecol** 1984 Dec;64(6):787–91

Pulmonary edema with nifedipine in primary pulmonary hypertension. Batra AK, et al. **Respiration** 1985;47(3):161–3

Thromboxane mediates the increase in alveolar surfactant pool induced by free fatty acid infusion in the rabbit. Oyarzún MJ, et al. **Respiration** 1984;46(2):231–40

The acute toxicity of cyclopentadienyl manganese tricarbonyl in the rat. Penney DA, et al. **Toxicology** 1985 Mar 29;34(4):341–7

[Pulmonary edema following skin absorption of an insecticide bought over the counter] Rude C, et al. **Ugeskr Laeger** 1984 Aug 6;146(32):2400–1 (Eng. Abstr.) **(Dan)**

[Pulmonary edema caused by ammonia inhalation (accident from sterilization of a respirator)] Florent C, et al. **Agressologie** 1984 Dec;25(12):1317–20 (Eng. Abstr.) **(Fre)**

[Acute poisoning as a result of ingesting fluorinated anti-rust compounds] Marsepoil T, et al. **Cah Anesthesiol** 1985 Jan–Feb;33(1):65–6 **(Fre)**

[Oleic acid-induced interstitial lung edema in the dog: comparison of PEEP with high-frequency jet superimposed ZEEP ventilation] Schlag G, et al. **Anaesthesist** 1985 Feb;34(2):65–71 (Eng. Abstr.) **(Ger)**

[Drug toxicity-induced pulmonary edema (letter)] Baethke R, et al. **Dtsch Med Wochenschr** 1985 Aug 23;110(34):1313 **(Ger)**

[Roentgenologic structure changes in the lung following paraquat poisoning] Reinbold WD, et al. **Prax Klin Pneumol** 1984 Dec;38(12):549–53 (Eng. Abstr.) **(Ger)**

[Case of pulmonary edema after treatment with naloxone] Bessè S, et al. **Minerva Anestesiol** 1985 Jan–Feb;51(1-2):27–8 (Eng. Abstr.) **(Ita)**

[Development of lung edema following endotracheal instillation of hydrochloric acid (aspiration pneumonitis model)] Akama Y. **Masui** 1984 Nov;33(11):1224–9 (Eng. Abstr.) **(Jpn)**

[Biochemical aspects of microvascular injuries caused by various drugs with toxic effects on the lung in dogs] Nukiwa T. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec; 22(12):1072–6 (Eng. Abstr.) **(Jpn)**

[Pulmonary edema after administration of peroral biliary contrast media] Scheinert H, et al. **Tidsskr Nor Laegeforen** 1985 Mar 30;105(9–10):674–6 (Eng. Abstr.) **(Nor)**

[Pulmonary edema due to hydrochlorothiazide] Gavalec M, et al. **Vnitr Lek** 1985 Jan;31(1):92–5 (Eng. Abstr.) **(Slo)**

COMPLICATIONS

Epiglottitis presenting as acute pulmonary edema. Lee SC, et al. **Ann Emerg Med** 1985 Jan;14(1):60–3

The mechanism of CO2 retention in cardiac pulmonary edema. Estenne M, et al. **Chest** 1984 Dec;86(6):936–8

[An unusual cause of arterial and venous pulmonary hypertension] Bossi M, et al. **G Ital Cardiol** 1985 Feb; 15(2):241–5 (Eng. Abstr.) **(Ita)**

[Rales in the experimentally induced edematous lung in dogs] Minami Y, et al. **Kokyu To Junkan** 1985 Mar;33(3):319–24 (Eng. Abstr.) **(Jpn)**

[Long-term artificial pulmonary ventilation in the treatment of a patient with acute myocardial infarction complicated by true cardiogenic shock and pulmonary edema] Netiazhenko VZ, et al. **Anesteziol Reanimatol** 1984 Jul–Aug;(4):37–8 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Cardiogenic shock and pulmonary edema [clinical conference] Martin GB, et al. **Am J Emerg Med** 1984 May; 2(3):232–40

Is pulmonary artery catheterization necessary for the diagnosis of pulmonary edema? [letter] Kariman K, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1188–9

Effect of cardiac output on extravascular lung water estimates made with the Edwards lung water computer. Fallon KD, et al. **Anesthesiology** 1985 Apr;62(4):505–8

In vivo validation of the thermal-green dye technique for measuring extravascular lung water. Slutsky RA, et al. **Crit Care Med** 1985 May;13(5):432–5

Bedside estimation of extravascular lung water in critically ill patients: comparison of the chest radiograph and the thermal dye technique. Laggner A, et al. **Intensive Care Med** 1984;10(6):309–13

Effect of positive-end expiratory pressure on accuracy of thermal-dye measurements of lung water. Enderson BL, et al. **J Surg Res** 1985 Mar;38(3):224–30

Nuclear magnetic resonance imaging of pulmonary infarction and oedema in excised cadaver lungs. Johnston PW, et al. **Magn Reson Imaging** 1985;3(2):157–61

[Determination of extravascular lung water in critical patients: comparison with radiological, hemodynamic and functional lung findings] Laggner A, et al. **Schweiz Med Wochenschr** 1985 Feb 9;115(6):210–3 (Eng. Abstr.) **(Ger)**

[Quantitative evaluation of lung water and observational error in the thermal dilution method] Marukawa S. **Kokyu To Junkan** 1985 Feb;33(2):145–51 (62 ref.) **(Jpn)**

[Measurement of extravascular lung water by double-indicator dilution method amd its clinical assessment] Yamashita M, et al. **Nippon Geka Gakkai Zasshi** 1984 Nov;85(11):1418–25 (Eng. Abstr.) **(Jpn)**

DRUG THERAPY

Cardiogenic pulmonary edema. Benjamin GC. **Am Fam Physician** 1984 Nov;30(5):230–9

Effect of hydralazine on cardiac output and venous admixture in experimental lung injury. Caplan RA, et al. **Am Rev Respir Dis** 1984 Nov;130(5):863–5

Buccal nitroglycerin ointment in acute cardiopulmonary edema [letter] Shah PK. **Ann Intern Med** 1985 Jul; 103(1):153–4

Effect of diuretics on cardiopulmonary performance in severe chronic airflow obstruction. A controlled clinical trial. Mathur PN, et al. **Arch Intern Med** 1984 Nov; 144(11):2154–7

Chlorpromazine treatment for neurogenic pulmonary edema. Wohns RN, et al. **Crit Care Med** 1985 Mar;13(3):210–1

Furosemide during sustained left atrial hypertension in functionally anephric dogs: intravascular and extravascular pulmonary fluid volumes. V. Slutsky RA, et al. **J Surg Res** 1985 Mar;38(3):216–23

Hypotensive acute cardiopulmonary edema. Varriale P, et al. **RI Med J** 1985 May;68(5):215–8

[Significance of nitrates in acute therapy of heart failure with and without lung edema] Beck OA. **Z Kardiol** 1985;74 Suppl 1:15–22 **(Ger)**

[Compared hemodynamic effects of 4 inotropic agents used in a model of pulmonary edema due to oleic acid] Fragata J, et al. **Acta Med Port** 1985 Mar–Apr;6(3–4):109–14 (Eng. Abstr.) **(Por)**

ETIOLOGY

Significance of changes in lung water in the traumatized patient. Risberg B, et al. **Acta Chir Scand [Suppl]** 1985; 522:331–63 (82 ref.)

Complications of digital intravenous angiography: experience in 2488 cervicocranial examinations. Pinto RS, et al. **AJR** 1984 Dec;143(6):1295–9

Extravascular lung water in children immediately after operative closure of either isolated atrial septal defect or ventricular septal defect. Vincent RN, et al. **Am J Cardiol** 1985 Sep 15;56(8):536–9

Pulmonary edema with upper airway obstruction [letter] Fouron JC. **Am J Dis Child** 1985 Apr;139(4):331

Rapid change in pulmonary vascular hemodynamics with pulmonary edema during cardiopulmonary resuscitation. Ornato JP, et al. **Am J Emerg Med** 1985 Mar;3(2):137–42

Neurogenic pulmonary edema. Colice GL, et al. **Am Rev Respir Dis** 1984 Nov;130(5):941–8

Neurogenic pulmonary oedema [letter] Bembridge M, et al. **Anaesthesia** 1985 Feb;40(2):202–4

Respiratory failure secondary to homologous blood transfusion. Ebert JP, et al. **Anesthesiology** 1985 Jul; 63(1):104–6

Delayed onset of laryngospasm-induced pulmonary edema in an adult outpatient [letter] Glasser SA, et al. **Anesthesiology** 1985 Mar;62(3):370–1

Lung water increases with fluid administration during CPPV after pulmonary microembolization. Noble WH, et al. **Anesthesiology** 1984 Dec;61(6):703–7

Nucleus tractus solitarius lesions elevate pulmonary arterial pressure and lymph flow. Darragh TM, et al. **Ann Neurol** 1985 Jun;17(6):565–9

Isolated traumatic aortic valvular insufficiency with rapid pulmonary deterioration. Report of two cases. Schwaitzberg SD, et al. **Arch Surg** 1985 Aug;120(8):971–3

Recurrent re-expansion pulmonary edema. Shaw TJ, et al. **Chest** 1984 Nov;86(5):784–6

Pulmonary edema following pericardiotomy for cardiac tamponade. Shenoy MM, et al. **Chest** 1984 Oct;86(4):647–8

Recurrent high-permeability pulmonary edema associated with diabetic ketoacidosis. Brun-Buisson CJ, et al. **Crit Care Med** 1985 Jan;13(1):55–6

Pulmonary oedema following choking: report of two cases. Sofer S, et al. **Eur J Pediatr** 1985 Mar;143(4):295–6

Pulmonary interstitial edema in experimental cirrhosis of the liver in rats. Furukawa T, et al. **Eur Surg Res** 1984; 16(6):366–71

Acute mountain sickness: pulmonary and cerebral oedema of high altitude. Milledge JS. **Intensive Care Med** 1985; 11(3):110–4

Pulmonary edema secondary to chronic upper airway obstruction. Hemodynamic study in a child. Sofer S, et al. **Intensive Care Med** 1984;10(6):317–9

The aggravating effect of dehydration on pulmonary edema induced by ionic and nonionic contrast media. Zack A, et al. **Invest Radiol** 1985 Mar–Apr;20(2):212–6

Polymorphonuclear leukocyte: arachidonate edema. Shasby DM, et al. **J Appl Physiol** 1985 Jul;59(1):47–55

Unilateral pulmonary edema after drainage of a spontaneous pneumothorax: case report and review of the world literature. Murphy K, et al. **J Emerg Med** 1983;1(1):29–36

Effect of pneumonectomy on extravascular lung water in dogs. Lee E, et al. **J Surg Res** 1985 Jun;38(6):568–73

Clove cigarettes and high-altitude pulmonary edema [letter] Hackett PH, et al. **JAMA** 1985 Jun 28;253(24):3551–2

Neurogenic pulmonary oedema [editorial] **Lancet** 1985 Jun 22;1(8443):1430–1

Laryngospasm induced pulmonary edema. McGonagle M, et al. **Laryngoscope** 1984 Dec;94(12 Pt 1):1583–5

Air embolism--non cardiogenic pulmonary edema. Shikhani AM, et al. **Middle East J Anaesthesiol** 1984 Oct;7(6):425–36

Postictal pulmonary edema in children. Mulroy JJ, et al. **Neurology** 1985 Mar;35(3):403–5

Blood transfusion complications: leukoagglutinin reactions. Lewis RW, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):78S–80S

Acute pulmonary edema complicating tonsillectomy and adenoidectomy. Feinberg AN, et al. **Pediatrics** 1985 Jan; 75(1):112–4

High-altitude pulmonary edema with absent right pulmonary artery. Rios B, et al. **Pediatrics** 1985 Feb;75(2):314–7

Effect of prolonged renal dysfunction on intravascular and extravascular pulmonary fluid volumes during left atrial hypertension. Slutsky RA, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):25–31

Noncardiogenic pulmonary edema after charcoal hemoperfusion. Engstrom JW, et al. **South Med J** 1985 May;78(5):611–3

[Effects of certain inflammatory mediators on the development of pulmonary edema induced by steam inhalation] Jiang KY, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Apr;23(4):247–51, 256 (Eng. Abstr.) **(Chi)**

[Study of the mechanism of early pulmonary edema in experimental respiratory burns] Li YP. **Chung Hua Wai Ko Tsa Chih** 1984 Jul;22(7):424–7, 446 (Eng. Abstr.) **(Chi)**

[Mechanism of pulmonary edema induced by steam inhalation--an experimental study] Sun BY. **Chung Hua Wai Ko Tsa Chih** 1984 Jun;22(6):344–6, 382 (Eng. Abstr.) **(Chi)**

[Leucoagglutinin-induced non-cardiac pulmonary edema] Pedersen J, et al. **Ugeskr Laeger** 1984 Oct 22;146(43):3283–4 (Eng. Abstr.) **(Dan)**

[Pulmonary complications of malaria. Apropos of 2 cases] Lessire H, et al. **Acta Clin Belg** 1984;39(5):290–5 (Eng. Abstr.) **(Fre)**

[Acute respiratory distress syndrome after transfusion of blood with leukocytes removed] Jullien AM, et al. **Cah Anesthesiol** 1984 Mar;32(3):213–8 **(Fre)**

[Acute edema of the lung in eclampsia] Delorme N, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(5):557–64 (Eng. Abstr.) **(Fre)**

[Lesional pulmonary edema in meningococcal meningitis (letter)] Mercatello A, et al. **Presse Med** 1984 Sep 15; 13(31):1899 **(Fre)**

[Pulmonary edema under tocolytic therapy] Schreiber E, et al. **Zentralbl Gynakol** 1985;107(11):693–6 (Eng. Abstr.) **(Ger)**

[Diagnostic notes and therapy of acute cardiac pulmonary edema] Maldacea F. **Clin Ter** 1984 Jun 15;109(5):471–5 **(Ita)**

[Neurogenic pulmonary edema. Description of a case occurring after an epileptic crisis] Piatti L, et al. **G Ital Cardiol** 1984 Aug;14(8):602–5 (Eng. Abstr.) **(Ita)**

[Harmful pulmonary edema in anesthesia. Presentation of a clinical case] Maione M, et al. **Minerva Anestesiol** 1984 Oct;50(10):527–30 (Eng. Abstr.) **(Ita)**

[A case of re-expansion pulmonary edema with increased pulmonary capillary permeability] Sei Y, et al. **Kokyu To Junkan** 1984 Dec;32(12):1319–22 (Eng. Abstr.) **(Jpn)**

[Effect of acute re-expansion of the unilaterally collapsed lung on the lung water content and pulmonary circulation in dogs] Ishibe Y. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec; 22(12):1077–83 (Eng. Abstr.) **(Jpn)**

[Mechanism of hyperdynamic pulmonary edema in comparison with hemodynamic and oleic acid edema] Nakahara K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec; 22(12):1066–71 (Eng. Abstr.) **(Jpn)**

[High altitude pulmonary edema and neurogenic pulmonary edema] Sugita T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec; 22(12):1090–7 (Eng. Abstr.) **(Jpn)**

[High altitude pulmonary edema in the Khumbu area of Nepal and its developmental mechanisms] Takei S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec; 22(12):1109–15 (Eng. Abstr.) **(Jpn)**

[Acute pulmonary edema after a scorpion sting] Martinović J, et al. **Srp Arh Celok Lek** 1984 Oct;112(10):1085–9 (Eng. Abstr.) **(Scc)**

HISTORY

William Osler: narcotic-induced pulmonary edema. Sternbach G. **J Emerg Med** 1983;1(2):165–7

METABOLISM

Alteration of surfactant function due to protein leakage: special interaction with fibrin monomer. Seeger W, et al. **J Appl Physiol** 1985 Feb;58(2):326–38

Elevated concentrations of leukotriene D4 in pulmonary edema fluid of patients with the adult respiratory distress syndrome. Matthay MA, et al. **J Clin Immunol** 1984 Nov; 4(6):479–83

[Free-radical lipid peroxidation reactions in pulmonary edema] Farkhutdinov RR, et al. **Anesteziol Reanimatol** 1984 Sep–Oct;(5):46–9 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Pulmonary endothelial and bronchiolar epithelial lesions induced by 4-ipomeanol in mice. Durham SK, et al. **Am J Pathol** 1985 Jan;118(1):66–75

Lung microvascular permeability to dextran in alpha-naphthylthiourea-induced edema. Sites of filtration, patterns of accumulation, and effects of fixation. Michel RP. **Am J Pathol** 1985 Jun;119(3):474–84

Alveolar microvessels in isolated perfused dog lungs: structural and functional studies after production of moderate and severe hydrodynamic edema. DeFouw DO, et al. **Exp Lung Res** 1985;8(1):67–79

Relation of blood-free to blood-inclusive postmortem lung water measurements in sheep. Collins JC, et al. **J Appl Physiol** 1985 Aug;59(2):592–6

How does positive end-expiratory pressure reduce intrapulmonary shunt in canine pulmonary edema? Malo J, et al. **J Appl Physiol** 1984 Oct;57(4):1002–10

Lung oedema--microscopic detection. Hammond TG, et al. **J Appl Toxicol** 1984 Aug;4(4):219–21

[Pulmonary fluid as one of the causes of post-partum adaptation disorders] Zoban P, et al. **Cesk Pediatr** 1984 Jul;39(7):369–75 (Eng. Abstr.) **(Cze)**

PHYSIOPATHOLOGY

Hemodynamic observations in severe preeclampsia complicated by pulmonary edema. Benedetti TJ, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):330–4

Effects of colloid or crystalloid administration on pulmonary extravascular water in the postoperative period after coronary artery bypass grafting. Gallagher JD, et al. **Anesth Analg** 1985 Aug;64(8):753–8

Acute cardiopulmonary effects of nitroglycerin in canine oleic acid pulmonary edema. Benoit A, et al. **Anesthesiology** 1985 Jun;62(6):754–8

Cardiovascular and blood gas responses to ketanserin in canine pulmonary edema induced by oleic acid. Koyama S, et al. **Anesthesiology** 1985 Apr;62(4):457–61

Small solute clearance from the lungs of patients with cardiogenic and noncardiogenic pulmonary edema. Mason GR, et al. **Chest** 1985 Sep;88(3):327–34

High altitude pulmonary edema and exercise at 4,400 meters on Mount McKinley. Effect of expiratory positive airway pressure. Schoene RB, et al. **Chest** 1985 Mar;87(3):330–3

Mechanisms of neurogenic pulmonary edema. Malik AB. **Circ Res** 1985 Jul;57(1):1–18

High cardiac output in uremic patients with acute pulmonary edema. Rottembourg J, et al. **Contrib Nephrol** 1984; 41:266–8

Pulmonary artery wedge pressure may fail to reflect left ventricular end-diastolic pressure in dogs with oleic acid-induced pulmonary edema. Johnston WE, et al. **Crit Care Med** 1985 Jun;13(6):487–91

Cardiopulmonary effects of hypertonic saline in canine oleic acid-induced pulmonary edema. Johnston WE, et al. **Crit Care Med** 1985 Oct;13(10):814–7

Granulocytes and hyperoxia act synergistically in causing acute lung injury. Krieger BP, et al. **Exp Lung Res** 1984; 7(2):77–83

Pulmonary microvascular effects of arachidonic acid metabolites and their role in lung vascular injury. Malik AB, et al. **Fed Proc** 1985 Jan;44(1 Pt 1):36–42 (27 ref.)

Mechanisms and measurement of injury to the alveolar-capillary barrier. Jones JG. **Int Anesthesiol Clin** 1984 Winter;22(4):131–48

Responses of the autonomic nervous system in altitude adapted and high altitude pulmonary oedema subjects. Mathew L, et al. **Int J Biometeorol** 1985 Jun;29(2):131–43

Direct effects of nitroprusside do not alter gas exchange in canine oleic acid edema. Angle M, et al. **J Appl Physiol** 1984 Nov;57(5):1498–501

Specificity and sensitivity of noninvasive measurement of pulmonary vascular protein leak. Dauber IM, et al. **J Appl Physiol** 1985 Aug;59(2):564–74

High surface tension pulmonary edema induced by detergent aerosol. Nieman GF, et al. **J Appl Physiol** 1985 Jan; 58(1):129–36

Segmental pulmonary vascular resistance in progressive hydrostatic and permeability edema. Wang CG, et al. **J Appl Physiol** 1985 Jul;59(1):242–7

New insights into mechanisms of pulmonary edema. Pietra GG. **Lab Invest** 1984 Nov;51(5):489–94 (38 ref.)

Effects of end-expiratory lung volume on lung mechanics in normal and edematous lungs. Richardson P, et al. **Respiration** 1985;47(2):90–7

Effect of methysergide pretreatment on thrombin-induced pulmonary oedema in the rat. Sandler H, et al. **Ups J Med Sci** 1984;89(3):221–6

[Non-cardiogenic pulmonary edema] Sirik Z, et al. **Harefuah** 1984 Aug;107(3–4):87–91 **(Heb)**

[Pulmonary vascular permeability and surfactant] Horie T, et al. **Kokyu To Junkan** 1985 May;33(5):639–43 **(Jpn)**

[Quantitative assessment of pulmonary microvascular permeability] Ishibashi M, et al. **Kokyu To Junkan** 1985 May;33(5):609–14 **(Jpn)**

[Perfusion of the isolated lung lobe] Nakahara K, et al. **Kokyu To Junkan** 1985 May;33(5):621–5 **(Jpn)**

[Clinical study of high altitude pulmonary edema, and hypobaria- and hypoxia-induced lung injury in awake sheep] Kobayashi T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec; 22(12):1098–104 (Eng. Abstr.) **(Jpn)**

[Tracheal fluid analysis in advanced pulmonary edema in dogs and its role in pulmonary fluid physiology] Nitta S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec; 22(12):1084–9 (Eng. Abstr.) **(Jpn)**

[Mathematical formulation of an experimental high altitude pulmonary edema model] Ueda G. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec; 22(12):1105–8 (Eng. Abstr.) **(Jpn)**

[Effect of positive expiratory pressure on gas exchange in dogs with pulmonary edema due to increase of microvascular permeability] Fernandes AL, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Mar–Apr; 39(2):57–62 (Eng. Abstr.) **(Por)**

[Lymph flow and accumulation of fluid in the lungs under increased capillary permeability] Simbirtsev SA, et al. **Fiziol Zh** 1984 Nov–Dec;30(6):696–701 (Eng. Abstr.) **(Rus)**

[Hemodynamic and neurohumoral factors in pulmonary edema in patients with acute myocardial infarction] Shustval' NF. **Vrach Delo** 1985 Jun;(6):1–5 (Eng. Abstr.) **(Rus)**

[Experimental cough induced by a chemical stimulus in rabbits with pulmonary edema] Poláček H, et al. **Bratisl Lek Listy** 1985 Jan;83(1):53–62 (Eng. Abstr.) **(Slo)**

PREVENTION & CONTROL

Isoproterenol or aminophylline attenuate pulmonary edema after acid lung injury. Mizus I, et al. **Am Rev Respir Dis** 1985 Feb;131(2):256–9

Pulmonary oedema. Noble WH. **Can Anaesth Soc J** 1985 May;32(3 Pt 2):S24–6

[Action of various bacterial endotoxins on pleurisy and pulmonary edema induced by thiourea] Altavilla D, et al. **G Batteriol Virol Immunol** 1983 Jan–Jun;76(1–6):43–7 (Eng. Abstr.) **(Ita)**

RADIOGRAPHY

The radiologic distinction of cardiogenic and noncardiogenic edema. Milne EN, et al. **AJR** 1985 May;144(5):879–94

Only the shadow knows [editorial] Staub NC. **AJR** 1985 May; 144(5):1086–7

Hydrostatic pulmonary edema. An analysis of lung density changes by computed tomography. Hedlund LW, et al. **Invest Radiol** 1984 Jul–Aug;19(4):254–62

Measurement of lung density in congestive heart failure by computed tomography. Nomura M, et al. **Jpn Heart J** 1984 Nov;25(6):979–92

Extravascular lung water in patients with mitral stenosis: relationship to pulmonary capillary wedge pressure and Kerley B lines. Slutsky RA, et al. **Radiology** 1984 Nov; 153(2):317–20

Thoracic radiographic changes after systemic hyperthermia for advanced cancer. Stark P, et al. **Radiology** 1985 Jan; 154(1):55–8

[Radiological observation on pulmonary edema due to phosgene poisoning] Zhu JA. **Chung Hua Fang She Hsueh Tsa Chih** 1984 Aug;18(3):171–3 (Eng. Abstr.) **(Chi)**

RADIONUCLIDE IMAGING

Quantitative determination of regional extravascular lung water and regional blood volume in congestive heart failure. Schober OH, et al. **Eur J Nucl Med** 1985; 10(1–2):17–24

Radionuclide imaging in pulmonary edema [letter] Movahed A, et al. **J Nucl Med** 1985 Jan;26(1):97–8

[Positron emission tomography of regional extravascular lung water and regional pulmonary blood volume in chronic heart failure] Bossaller C, et al. **Z Kardiol** 1985 Jan; 74(1):5–14 (Eng. Abstr.) **(Ger)**

THERAPY

Continuous positive airway pressure by face mask in acute cardiogenic pulmonary edema. Räsänen J, et al. **Am J Cardiol** 1985 Feb 1;55(4):296–300

Ritodrine-induced pulmonary oedema in labour. Successful management using epidural anaesthesia. Marks RJ, et al. **Anaesthesia** 1984 Oct;39(10):1012–4

Sequential hemofiltration in nonoliguric high capillary permeability pulmonary edema of severe sepsis: preliminary report. Gotloib L, et al. **Crit Care Med** 1984 Nov; 12(11):997–1000

Acute alveolar edema. Nowakowski JF. **Emerg Med Clin North Am** 1983 Aug;1(2):313–43 (118 ref.)

Positive airway pressure for high-altitude pulmonary oedema. Larson EB. **Lancet** 1985 Feb 16;1(8425):371–3

[Control of pulmonary edema caused by congestive cardiomyopathy] Mirrakhimov MM, et al. **Sov Med** 1984; (7):52–6 (Eng. Abstr.) **(Rus)**

[Oxygen therapy in toxic pulmonary edema of various etiologies (review of the literature)] Erkova AI. **Voen Med Zh** 1985 Apr;(4):58–60 **(Rus)**

VETERINARY

Pathophysiologic study of 3-methylindole-induced pulmonary toxicosis in immature cattle. Lekeux P, et al. **Am J Vet Res** 1985 Aug;46(8):1629–31

Species susceptibility to the pulmonary toxicity of 3-furyl isoamyl ketone (perilla ketone): in vivo support for involvement of the lung monooxygenase system. Garst JE, et al. **J Anim Sci** 1985 Jan;60(1):248–57

Reduction of 3-methylindole production and prevention of acute bovine pulmonary edema and emphysema with lasalocid. Nocerini MR, et al. **J Anim Sci** 1985 Jan; 60(1):232–8

Electrophilic metabolites of 3-methylindole as toxic intermediates in pulmonary oedema. Nocerini MR, et al. **Xenobiotica** 1984 Jul;14(7):561–4

PULMONARY EMBOLISM

Pulmonary embolism: a review of 200 cases with emphasis on pathophysiology, diagnosis, and treatment. Becker RC, et al. **Cleve Clin Q** 1984 Fall;51(3):519–29

Symposium on pulmonary embolism and hypertension. **Clin Chest Med** 1984 Sep;5(3):383–554

Venous thromboembolism. Prevalence, risk factors, and prevention. Coon WW. **Clin Chest Med** 1984 Sep; 5(3):391–401 (108 ref.)

Pulmonary problems of pregnancy. Harman EM. **Compr Ther** 1985 May;11(5):26–32

Pulmonary embolism. Wasir HS, et al. **J Assoc Physicians India** 1984 Oct;32(10):913–6

BLOOD

Platelet trapping and haemodynamics in unilateral and bilateral experimental pulmonary macroembolism. Almdahl SM, et al. **Acta Chir Scand** 1984;150(5):361–5

The lupus anticoagulant, pulmonary thromboembolism, and fatal pulmonary hypertension. Anderson NE, et al. **Ann Rheum Dis** 1984 Oct;43(5):760–3

Prostaglandin production in patients with pulmonary embolism. Friedrich T, et al. **Biomed Biochim Acta** 1984; 43(8–9):S409–12

Blood gas derangements in pulmonary embolism [letter] Iseman MD, et al. **Chest** 1985 Jul;88(1):155–6

Fibrinopeptide A in the diagnosis and treatment of deep venous thrombosis and pulmonary embolism. Joist JH. **Clin Lab Med** 1984 Jun;4(2):363–80

Potential role of platelets in the pulmonary circulation. A review. Mlczoch J. **Cor Vasa** 1985;27(2–3):153–9

Extensive pulmonary embolism associated with lupus anticoagulant. Jaffe WM, et al. **NZ Med J** 1985 Mar 27; 98(775):184–5

[Role of thromboxane A2 in pulmonary air embolism in conscious sheep] Fukushima M, et al. **Kokyu To Junkan** 1985 May;33(5):633–7 **(Jpn)**

CHEMICALLY INDUCED

Unusual cause of pulmonary emboli. Vitums VC. **Chest** 1984 Oct;86(4):639

Thrombin-induced alterations in lung fluid balance in awake sheep. Lo SK, et al. **J Appl Physiol** 1985 May;58(5):1421–7

Pulmonary fibrin microembolism with Echis carinatus venom in dogs: effects of a synthetic thrombin inhibitor. Schaeffer RC Jr, et al. **J Appl Physiol** 1984 Dec;57(6):1824–8

COMPLICATIONS

Two-dimensional echocardiography for detection of primary right atrial thrombus in pulmonary embolism. Lim SP, et al. **Am Heart J** 1984 Dec;108(6):1546–7

Determinants of hypoxemia during the acute phase of pulmonary embolism in humans. Manier G, et al. **Am Rev Respir Dis** 1985 Aug;132(2):332–8

Treatment of shock in a canine model of pulmonary embolism. Molloy WD, et al. **Am Rev Respir Dis** 1984 Nov; 130(5):870–4

Subacute pulmonary hypertension due to carcinomatous microembolism. Raper RF, et al. **Aust NZ J Med** 1984 Jun;14(3):271–3

Pulmonary thromboembolism presenting as abdominal pain. Henderson AF, et al. **Br Med J [Clin Res]** 1984 Oct 6; 289(6449):902–3

Effect of Salviae miltiorrhizae compound on pulmonary artery hypertension caused by chronic pulmonary thromboembolism. Zhao YF, et al. **Chin Med J [Engl]** 1984 Jul;97(7):473–8

Pleural effusion associated with pulmonary embolization. Brown SE, et al. **Clin Chest Med** 1985 Mar;6(1):77–81

Invasive pulmonary aspergillosis complicating pulmonary infarction in a patient with acute myeloblastic leukaemia. Daly HM, et al. **Clin Lab Haematol** 1984;6(3):299–303

Transient bronchoconstriction associated with angiographically proven pulmonary embolus. Swayne LC, et al. **Clin Nucl Med** 1985 Jun;10(6):418–21

Hypercapnia complicating massive pulmonary embolism [letter] **Crit Care Med** 1985 Apr;13(4):249–50

Floating pulmonary embolus: unusual cause of recurrent syncope. Busch U, et al. **Eur Heart J** 1984 Jul;5(7):602–5

Intrapartum pulmonary embolus. A case report. Richards SR, et al. **J Reprod Med** 1985 Jan;30(1):64–6

Pulmonary artery thrombosis associated with anomalous pulmonary venous connection: an unusual complication following the modified Fontan procedure. Downing TP, et al. **J Thorac Cardiovasc Surg** 1985 Sep;90(3):441–3

Pulmonary cavitation following pulmonary infarction. Libby LS, et al. **Medicine (Baltimore)** 1985 Sep;64(5):342–8

Pulmonary hypertension, hypoxemia, and death in a patient with scleroderma. Servi RJ, et al. **South Med J** 1985 Jun; 78(6):739–41

[Floating venous thrombus, wedged in the tricuspid valve. Ultrasonic diagnosis and surgical treatment (letter)] Desoutter P, et al. **Presse Med** 1985 Jun 29;14(26):1429 **(Fre)**

[A case of pulmonary infection due to Mycobacterium intracellulare developing after pulmonary embolism] Nishimura C, et al. **Kekkaku** 1985 May;60(5):319–24 (Eng. Abstr.) **(Jpn)**

[Massive pulmonary embolism in a patient with Ebstein's anomaly] Nakano T, et al. **Kokyu To Junkan** 1985 May; 33(5):695–8 (Eng. Abstr.) **(Jpn)**

[A case of Sjögren's syndrome associated with pulmonary embolism, monoclonal hypergammaglobulinemia, and thymoma] Muto S, et al. **Nippon Naika Gakkai Zasshi** 1984 Jul;73(7):1001–8 **(Jpn)**

[Pulmonary hypertension and extent of embolic damage to the pulmonary circulation] Savel'ev VS, et al. **Grudn Khir** 1985 May–Jun;(3):10–5 (Eng. Abstr.) **(Rus)**

[Pathogenesis of pulmonary hypertension in pulmonary embolism] Sergeeva NA. **Grudn Khir** 1985 Jan–Feb;(1):80–6 (77 ref.) **(Rus)**

[Coronary blood flow function in patients with chronic postembolic pulmonary hypertension] Antonova NIu, et al. **Kardiologiia** 1985 Feb;25(2):64–8 (Eng. Abstr.) **(Rus)**

[Role of noninvasive methods in the diagnosis of postembolic pulmonary hypertension] Kostenko IG, et al. **Kardiologiia** 1985 Jan;25(1):67–71 (Eng. Abstr.) **(Rus)**

[Successful surgery in thromboembolism of the pulmonary artery associated with paradoxical embolism of the popliteal artery] Iablokov EG, et al. **Klin Khir** 1984 Oct; (10):63–4 **(Rus)**

[Role of pulmonary air embolism in the etiology of cerebral, cardiac and pulmonary complications after operations with artificial blood circulation] Putov NV, et al. **Vestn Khir** 1985 Feb;134(2):15–9 (Eng. Abstr.) **(Rus)**

[Status asthmaticus, adult respiratory distress syndrome and pulmonary vascular thrombosis] Labay Matías MV, et al.

An Esp Pediatr 1985 Feb;22(2):169–70 (Spa)

DIAGNOSIS

Fine needle aspiration cytology of pulmonary infarct. Silverman JF, et al. **Acta Cytol (Baltimore)** 1985 Mar–Apr; 29(2):162–6

Advances in clinical diagnosis of pulmonary embolism. Widimský J. **Acta Univ Carol [Med] (Praha)** 1983; 29(7–8):401–84 (112 ref.)

Current status of the vascular laboratory in the diagnosis of deep vein thrombosis. AbuRahma AF, et al. **Angiology** 1984 Oct;35(10):659–66

Chest wall tenderness as a pitfall in the diagnosis of pulmonary embolism. A report of two cases. Dreyfuss AI, et al. **Arch Intern Med** 1984 Oct;144(10):2057

Pulmonary embolus [letter] Tunkel AR, et al. **Arch Intern Med** 1985 Sep;145(9):1741

Pulmonary thromboembolism presenting as abdominal pain [letter] **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1540–1

The 'mucous plug syndrome'. A pulmonary embolism mimic. Bray ST, et al. **Clin Nucl Med** 1984 Sep;9(9):513–8

SBT–CO2: a new method for the diagnosis of pulmonary embolism? Eriksson L, et al. **Clin Physiol** 1985;5 Suppl 3:111–5

'Failure to wedge' and pulmonary hypertension during pulmonary artery catheterization: a sign of totally occlusive pulmonary embolism. Traeger SM. **Crit Care Med** 1985 Jul;13(7):544–7

Pulmonary embolism. Hockberger RS, et al. **Emerg Med Clin North Am** 1983 Aug;1(2):393–415 (93 ref.)

Ventilation–perfusion patterns in lung diseases (with reference to those observed in pulmonary embolism). Ham HR, et al. **Eur J Nucl Med** 1985;10(3–4):165–6

Pulmonary embolism: the dimensions of the problem. Morpurgo M. **G Ital Cardiol** 1984;14 Suppl 1:3–5

Chronic pulmonary thromboembolism. Tartulier M, et al. **G Ital Cardiol** 1984;14 Suppl 1:13–21

The diagnosis of pulmonary embolism. Widimsky J. **G Ital Cardiol** 1984;14 Suppl 1:6–12

Angioinvasive pulmonary aspergillosis: presentation as massive pulmonary saddle embolism in an immunocompromised patient. Kirshenbaum JM, et al. **J Am Coll Cardiol** 1985 Aug;6(2):486–9

Two–dimensional echocardiographic detection of right–sided cardiac intracavitary thromboembolus with pulmonary embolism. Saner HE, et al. **J Am Coll Cardiol** 1984 Dec; 4(6):1294–301

Pulmonary embolism: incidence, diagnosis, prevention, and treatment. Garmon RG. **J Am Osteopath Assoc** 1985 Mar; 85(3):176–85

Lung damage and pulmonary uptake of serotonin in intact dogs. Dawson CA, et al. **J Appl Physiol** 1985 Jun; 58(6):1761–6

Nuclear magnetic resonance imaging of pulmonary infarction and oedema in excised cadaver lungs. Johnston PW, et al. **Magn Reson Imaging** 1985;3(2):157–61

The patient from whom I have learned the most: undiagnosed pulmonary emboli are still with us. Saltzman HA. **NC Med J** 1985 Jan;46(1):19–20

The difference between pulmonary artery diastolic pressure and pulmonary capillary wedge pressure as a hemodynamic sign of pulmonary embolism. Ornato JP, et al. **Nebr Med J** 1985 May;70(5):164–7

Pulmonary infarct incorrectly diagnosed as lung cancer. Shahar J, et al. **Nebr Med J** 1985 Aug;70(8):288–91

Amniotic fluid embolism. Ahmed P, et al. **NY State J Med** 1985 Jun;85(6):267–9

Amniotic fluid embolism. Bates ME, et al. **NY State J Med** 1985 Jun;85(6):265–7

Pulmonary embolism. Peterson RT, et al. **Primary Care** 1985 Jun;12(2):383–96

Experimental pulmonary emboli detected using magnetic resonance. Gamsu G, et al. **Radiology** 1984 Nov; 153(2):467–70

Pulmonary embolus: detection and follow–up using magnetic resonance. Moore EH, et al. **Radiology** 1984 Nov; 153(2):471–2

AT–III as predictor of postoperative pulmonary embolism. Mortensen JZ, et al. **Thromb Res** 1985 Feb 15;37(4):555–9

[An overlooked electrocardiographic sign of acute embolic cor pulmonale: elevation of the ST segment in right precordial leads] Grand A, et al. **Ann Cardiol Angeiol (Paris)** 1985 May;34(5):361–2 (Eng. Abstr.) (Fre)

[Pulmonary embolism in a pneumology setting] Ben Miled MT, et al. **Tunis Med** 1983 May–Jun;61(3):201–4 (Eng. Abstr.) (Fre)

[Transesophageal 2–dimensional echocardiography in hip endoprostheses] Heinrich H, et al. **Anaesthesist** 1985 Mar; 34(3):118–23 (Eng. Abstr.) (Ger)

[Lung embolism: diagnostic evaluation important, but often difficult] **Fortschr Med** 1985 Feb 21;103(7):154 (Ger)

[Lung embolism: etiology, pathophysiology, clinical aspects and therapy] Weins DM, et al. **Prax Klin Pneumol** 1985 May;39(5):151–8 (Ger)

[Diagnostic problems in acute pulmonary embolism] Berchtold P, et al. **Schweiz Med Wochenschr** 1984 Dec 1;114(48):1737–40 (Eng. Abstr.) (Ger)

[Clinical picture and diagnosis of pulmonary embolism] Moccetti T, et al. **Schweiz Med Wochenschr** 1984 Dec 1; 114(48):1724–31 (61 ref.) (Eng. Abstr.) (Ger)

[Pulmonary embolism] Kuske A, et al. **Schweiz Rundsch Med Prax** 1985 Jun 25;74(26):697–700 (Eng. Abstr.) (Ger)

[Echocardiographic diagnosis of a thrombus in the pulmonary artery following a banding operation] Hausdorf G, et al. **Z Kardiol** 1985 Apr;74(4):254–7 (Eng. Abstr.) (Ger)

[Clinical significance of the enlargement of the descending pulmonary artery in pulmonary embolism] Palla A, et al. **Radiol Med (Torino)** 1985 Jan–Feb;71(1–2):26–30 (Eng. Abstr.) (Ita)

[Progress in the diagnosis of pulmonary embolism] Filipecki S. **Pneumonol Pol** 1984 May;52(5):217–23 (Pol)

[Pulmonary thromboembolism (data of the Pulmonological Clinic of the Institute of Internal Diseases, Cracow Medical Academy 1977–1981)] Nikodemowicz E, et al. **Pneumonol Pol** 1985 Feb;53(2):65–71 (Eng. Abstr.) (Pol)

[Disorders of respiratory function in chronic pulmonary embolism] Radzikowska E, et al. **Pneumonol Pol** 1985 Mar; 53(3):143–50 (Eng. Abstr.) (Pol)

[Quantitative evaluation of embolism of the pulmonary vessels] Iablokov EG, et al. **Grudn Khir** 1985 Jan–Feb; (1):7–12 (Eng. Abstr.) (Rus)

[Diagnosis and treatment of pulmonary thromboembolism] Zlochevskiĭ PM. **Kardiologiia** 1985 Feb;25(2):102–7 (Rus)

[Unusual manifestation of pulmonary thromboembolism] Kirienko AI, et al. **Klin Med (Mosk)** 1984 Nov;62(11):110–2 (Rus)

[Assessment of the pulmonary blood flow changes in thromboembolism of small branches of the pulmonary artery] Bukhalovskiĭ IN, et al. **Ter Arkh** 1985;57(3):110–2 (Eng. Abstr.) (Rus)

[Fibrin/fibrinogen degradation products in the diagnosis of pulmonary thromboembolism] Ena IaM, et al. **Ter Arkh** 1985;57(4):143–6 (66 ref.) (Rus)

[Induced hemoptysis––a new clinical sign in the diagnosis of pulmonary thromboembolism] Matunović A. **Vojnosanit Pregl** 1984 May–Jun;41(3):159–61 (Eng. Abstr.) (Scr)

[A classic problem: the diagnosis of pulmonary thromboembolism] Manresa F. **Med Clin (Barc)** 1985 May 18;84(19):781–3 (Spa)

DRUG THERAPY

Thrombolytic treatment of massive pulmonary embolism. Verstraete M. **Acta Clin Belg** 1984;39(4):193–6

Assessment of therapeutic control of anticoagulation [letter] Duxbury BM. **Acta Haematol (Basel)** 1985;73(2):118–9

Histidine–rich glycoprotein and changes in the components of the fibrinolytic system after streptokinase therapy in patients with pulmonary thromboembolism. Goodnough LT, et al. **Am J Hematol** 1985 Jul;19(3):245–53

Subacute massive thromboembolic occlusion of a main pulmonary artery. Report of a case successfully treated by thrombolytic therapy and review of the literature. Woods BO, et al. **Angiology** 1985 Jan;36(1):58–63

Thrombolytic treatment with recombinant tissue–type plasminogen activator in a patient with massive pulmonary embolism. Bounameaux H, et al. **Ann Intern Med** 1985 Jul; 103(1):64–5

Streptokinase lysis of intraventricular thrombus and pulmonary emboli with resolution of acquired intracardiac shunt. Shenoy MM, et al. **Ann Intern Med** 1985 Jul; 103(1):65–6

A review of the use of corticosteroids in the management of pulmonary injuries and insults. Robertson C. **Arch Emerg Med** 1985 Jun;2(2):59–65 (49 ref.)

Streptokinase therapy of pulmonary emboli with heparin–associated thrombocytopenia. Cohen JI, et al. **Arch Intern Med** 1985 Sep;145(9):1725–6

Prediction of heparin requirements in acute thromboplastic venous disease. Beaver BL, et al. **Arch Surg** 1985 Apr; 120(4):436–8

Circadian changes in anticoagulant effect of heparin infused at a constant rate. Decousus HA, et al. **Br Med J [Clin Res]** 1985 Feb 2;290(6465):341–4

Effects of a single bolus of urokinase in patients with life–threatening pulmonary emboli: a descriptive trial. Petitpretz P, et al. **Circulation** 1984 Nov;70(5):861–6

Sustained improvement of pulmonary hemodynamics in patients at rest and during exercise after thrombolytic treatment of massive pulmonary embolism. Schwarz F, et al. **Circulation** 1985 Jan;71(1):117–23

Antithrombotic therapy for venous thromboembolism. Hyers TM. **Clin Chest Med** 1984 Sep;5(3):479–86 (91 ref.)

Treatment of pulmonary embolism and deep vein thrombosis with thrombolytic therapy. Volgesang GB, et al. **Clin Chest Med** 1984 Sep;5(3):487–94 (42 ref.)

Pathophysiology and treatment of deep–vein thrombosis and pulmonary embolism. Carter BL, et al. **Clin Pharm** 1985 May–Jun;4(3):279–96 (175 ref.)

A controlled clinical trial on the effect of heparin infusion and two regimens of urokinase in acute pulmonary embolism. Giuntini C, et al. **G Ital Cardiol** 1984;14 Suppl 1:26–9

Local fibrinolysis for the treatment of massive pulmonary embolism: efficacy of streptokinase infusion through pulmonary arterial catheter. Ambrose JE, et al. **J Am Osteopath Assoc** 1985 Feb;85(2):97–101

Prostaglandin E1. A new therapy for refractory right heart failure and pulmonary hypertension after mitral valve replacement. D'Ambra MN, et al. **J Thorac Cardiovasc Surg** 1985 Apr;89(4):567–72

Antithrombotic and thrombolytic effects of galactan polysulfate (DH 6322) in rats. Kumada T, et al. **Thromb Res** 1985 Jul 1;39(1):21–8

Antithrombotic therapy for pulmonary embolism. Landefeld S. **West J Med** 1984 Aug;141(2):223–8 (46 ref.)

[Long–term results after local thrombolysis in acute massive pulmonary embolism] Schwarz F, et al. **Dtsch Med Wochenschr** 1985 Feb 22;110(8):293–7 (Eng. Abstr.) (Ger)

[Treatment of recurrent pulmonary thromboembolism with direct infusion of urokinase into the pulmonary artery] Umezawa S, et al. **Kokyu To Junkan** 1985 Jan;33(1):101–5 (Eng. Abstr.) (Jpn)

[A case report of pulmonary embolism after operation of lung cancer] Inoue F, et al. **Rinsho Kyobu Geka** 1984 Jul; 4(4):473–77 (Eng. Abstr.) (Jpn)

[Treatment of pulmonary embolism. I. Treatment with heparin and oral anticoagulants] Niewiarowski T, et al. **Pneumonol Pol** 1984 Sep;52(9):447–52 (28 ref.) (Pol)

ETIOLOGY

Deep venous thrombosis, pulmonary embolism and acute surgery in thrombophlebitis of the long saphenous vein. Plate G, et al. **Acta Chir Scand** 1985;151(3):241–4

Post–traumatic pulmonary microembolism. Jansson I. **Acta Chir Scand [Suppl]** 1984;523:1–80

Trauma and the lung. Saldeen T. **Acta Chir Scand [Suppl]** 1985;522:273–89 (34 ref.)

Echocardiographic diagnosis of right atrial thromboembolism resulting in massive pulmonary embolization. Goldberg SM, et al. **Am Heart J** 1984 Nov;108(5):1371–2

Transient right atrial thrombus resulting in pulmonary embolism detected by two–dimensional echocardiography. Malloy PC, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):1047–9

Watching television and pulmonary embolism. de Zwaan C, et al. **Am J Cardiol** 1984 Dec 1;54(10):1391–2

Factors associated with pulmonary infarction. A discriminant analysis study. Schraufnagel DE, et al. **Am J Clin Pathol** 1985 Jul;84(1):15–8

Needle embolus: a unique complication of intravenous drug abuse. Lewis TD, et al. **Ann Emerg Med** 1985 Sep; 14(9):906–8

Popliteal vein aneurysm causing pulmonary embolus. Gallagher JJ, et al. **Arch Surg** 1985 Oct;120(10):1173–5

Free–floating iliofemoral thrombus. A risk of pulmonary embolism. Norris CS, et al. **Arch Surg** 1985 Jul;120(7):806–8

An unusual thromboembolic complication of a Greenfield vena caval filter. Braun TI, et al. **Chest** 1985 Jan;87(1):127–9

Right atrial septal aneurysm: an unusual cause of recurrent pulmonary embolism. Huet Y, et al. **Crit Care Med** 1985 Jun;13(6):510–1

Pulmonary embolism in patients receiving chemotherapy for advanced ovarian cancer. Canney PA, et al. **Eur J Cancer Clin Oncol** 1985 May;21(5):585–6

Isobutyl–2–cyanoacrylate pulmonary emboli associated with occlusive embolotherapy of cerebral arteriovenous malformations. Coard K, et al. **Histopathology** 1984 Nov; 8(6):917–26

Ductus arteriosus aneurysm presenting as pulmonary artery obstruction: diagnosis and management. Fripp RR, et al. **J Am Coll Cardiol** 1985 Jul;6(1):234–6

'Fatal pulmonary embolism following tourniquet inflation' [letter] Hankin FM. **J Bone Joint Surg [Am]** 1985 Sep; 67(7):1143

Fatal pulmonary embolism following tourniquet inflation. A case report. Hofmann AA, et al. **J Bone Joint Surg [Am]** 1985 Apr;67(4):633–4

Pulmonary thromboemboli after neonatal asphyxia. Arnold J, et al. **J Pediatr** 1985 May;106(5):806–9

Tumor embolism as the first manifestation of cancer. Burchard KW, et al. **J Surg Oncol** 1984 Sep;27(1):26–30

Deep venous thrombosis and pulmonary embolism in patients with acute spinal cord injury: a comparison with nonparalyzed patients immobilized due to spinal fractures. Myllynen P, et al. **J Trauma** 1985 Jun;25(6):541–3

Experimental pulmonary embolism with Schistosoma japonicum eggs. II. Pulmonary lesions in rabbits infected with Schistosoma japonicum. Miyasato M, et al. **Kurume Med J** 1984;31(2):47–53

Pulmonary embolism caused by high ski boots [letter] Höflin F, et al. **N Engl J Med** 1985 Jun 20;312(25):1645

Massive preoperative pulmonary embolism and suprasellar brain tumor: case report and review of the literature. Sawaya R, et al. **Neurosurgery** 1984 Oct;15(4):566–71

Pulmonary fat accumulation after parenteral fat emulsion––real or artifactual? **Nutr Rev** 1985 Jan;43(1):15–7 (3 ref.)

Recurrent pulmonary embolization following implantation of transvenous pacemaker. Pasquariello JL, et al. **PACE** 1984 Sep;7(5):790–3

Fatal thrombo–embolism after limb exsanguination. A case report. Cajee RA. **S Afr Med J** 1985 Aug 31;68(5):349–50

Pulmonary embolism due to hepatic tissue––a forensic vital sign? A case report. Moar JJ. **S Afr Med J** 1984 Nov 3; 66(18):699–700

Pulmonary tumor microembolism. Margolis ML, et al. **South Med J** 1985 Jun;78(6):757–8

Left atrial myxoma and atrial septal defect with recurrent pulmonary emboli. Seagle RL, et al. **South Med J** 1985 Aug;78(8):992–4

Late pulmonary embolization of a retained pacemaker electrode fragment after attempted transatrial extraction. Mayer ED, et al. **Thorac Cardiovasc Surg** 1985 Apr; 33(2):128-30

[Combined acute myocardial infarct and pulmonary thromboembolism with fatal outcome] Tomov I, et al. **Vutr Boles** 1985;24(1):78-85 (Eng. Abstr.) **(Bul)**

[Pulmonary thrombosis and embolism in cor pulmonale caused by chronic obstructive pulmonary disease] Cheng XS. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Apr;7(2):78-9 (Eng. Abstr.) **(Chi)**

[Acute traumatic pancreatitis with thromboembolic complications. Physiopathological aspects] Toftdahl D, et al. **Ugeskr Laeger** 1984 Jul 9;146(28):2093-5 (Eng. Abstr.) **(Dan)**

[The causes of venous thrombosis and lung embolism] Briët E, et al. **Ned Tijdschr Geneeskd** 1985 May 18; 129(20):937-40 **(Dut)**

[Large right intracardiac thrombus cause of recurrent pulmonary embolism. Apropos of a case of favourable course] Sans P, et al. **Arch Mal Coeur** 1985 Apr;78(4):650-2 (Eng. Abstr.) **(Fre)**

[Thrombophlebitis and pulmonary embolism in congenital factor XII deficiency] Vergnes C, et al. **Arch Mal Coeur** 1985 Mar;78(3):440-3 (Eng. Abstr.) **(Fre)**

[Multiple pulmonary emboli and paradoxical embolism caused by right-to-left shunt. Value of contrast two-dimensional echocardiography] Taviot B, et al. **Rev Pneumol Clin** 1985;41(1):57-60 (Eng. Abstr.) **(Fre)**

[Massive intraoperative lung embolism caused by the introduction of a telescope pin (Bailey-Dubow pin) in a child with osteogenesis imperfecta] Fösel T, et al. **Anaesthesist** 1985 May;34(5):252-4 (Eng. Abstr.) **(Ger)**

[Hereditary antithrombin III deficiency as a cause of an increased tendency to thrombosis. Case report] Brunner W, et al. **Schweiz Med Wochenschr** 1985 Mar 9; 115(10):343-5 (Eng. Abstr.) **(Ger)**

[Radiation dose to the lung following endolymphatic radionuclide therapy of melanoma of the lower limbs] Müller RP, et al. **Strahlentherapie** 1985 Jan;161(1):23-9 (Eng. Abstr.) **(Ger)**

[Ventriculo-cardiac shunt in an adult with a fatal complication: diagnostic and therapeutic aspects. Case report] Nesser HJ, et al. **Wien Med Wochenschr** 1985 Jun 15;135(11):269-72 (Eng. Abstr.) **(Ger)**

[Thrombotic complications originating in the lung in chronic respiratory insufficiency] Angelov A, et al. **Z Erkr Atmungsorgane** 1984;162(3):256-61 (Eng. Abstr.) **(Ger)**

[Pulmonary gas embolism in laparoscopy--a rare complication] Siegismund K, et al. **Zentralbl Gynakol** 1985; 107(7):435-9 (Eng. Abstr.) **(Ger)**

[A case of septic pulmonary emboli due to Peptostreptococcus associated with liver abscess] Takamatsu K, et al. **Kansenshogaku Zasshi** 1984 Apr; 58(4):340-6 (Eng. Abstr.) **(Jpn)**

[Thromboembolism in Crohn disease. A case report] Berg-Johnsen J, et al. **Tidsskr Nor Laegeforen** 1985 Jan 10;105(1):31 (Eng. Abstr.) **(Nor)**

[Pulmonary embolism in the postoperative period in cardiac surgery] Timerman A. **Arq Bras Cardiol** 1984 Apr; 42(4):297-303 **(Por)**

[Emboligenic risk of varicose thrombophlebitis] Rada IO, et al. **Rev Chir [Chir]** 1984 Jul-Aug;33(4):265-9 **(Rum)**

[Thrombohemorrhagic complications of external intestinal fistulas] Arbuliev MG, et al. **Klin Khir** 1985 Feb;(2):6-8 (Eng. Abstr.) **(Rus)**

[Paradoxical embolism] Voronov AA, et al. **Vestn Khir** 1984 Aug;133(8):67-8 **(Rus)**

[Severe pulmonary thromboembolism in 3 patients with Behçet's disease] Alemán Lorenzo A, et al. **Rev Clin Esp** 1985 May;176(8):423-5 (Eng. Abstr.) **(Spa)**

METABOLISM

Pulmonary transvascular fluid and protein exchange after thrombin-induced microembolism. Differential effects of cyclooxygenase inhibitors. Johnson A, et al. **Am Rev Respir Dis** 1985 Jul;132(1):70-6

Influence of pulmonary embolism on absorption of inhaled iodide-125. Dawson CA, et al. **J Appl Physiol** 1985 Apr; 58(4):1061-8

MORTALITY

Frequency of pulmonary embolism [letter] Butler CM, et al. **Br J Surg** 1985 Jun;72(6):501-2

The mortality of patients with minor fractures of the pelvis. Spencer JD, et al. **Injury** 1985 Mar;16(5):321-3

[Analysis of mortality in pulmonary thromboembolism] Remennikova SB, et al. **Klin Med (Mosk)** 1984 Nov; 62(11):54-6 (Eng. Abstr.) **(Rus)**

OCCURRENCE

A 30-year survey of pulmonary embolism verified at autopsy: an analysis of 1274 surgical patients. Bergqvist D, et al. **Br J Surg** 1985 Feb;72(2):105-8

[Pulmonary thromboembolic diseases in Ivory Coast (apropos of 13 cases)] Touze JE, et al. **Med Trop (Mars)** 1985 Jan-Mar;45(1):43-6 (Eng. Abstr.) **(Fre)**

[Pulmonary embolism: epidemiology and pathology] Laissue JA, et al. **Schweiz Med Wochenschr** 1984 Dec 1; 114(48):1711-20 (117 ref.) (Eng. Abstr.) **(Fre)**

PATHOLOGY

Pathology of experimental pulmonary bone marrow embolism. I. Initial lesions of the rabbit lung after intravenous infusion of allogeneic bone marrow with special reference to its pathogenesis. Yamamoto M. **Acta Pathol Jpn** 1985 Jan;35(1):45-69

Primary pulmonary hypertension: natural history and the importance of thrombosis. Fuster V, et al. **Circulation** 1984 Oct;70(4):580-7

Postpartum pulmonary embolism [clinical conference] Enders G, et al. **J Fam Pract** 1985 Apr;20(4):349, 351-2, 354-5 passim

Bone marrow emboli versus fat emboli as the cause of unexpected death. Perrot LJ, et al. **J Forensic Sci** 1985 Apr;30(2):338-44

Transient right to left atrial shunt detected by contrast echocardiography in the acute stage of pulmonary embolism. Keidar S, et al. **JCU** 1984 Sep;12(7):417-9

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 13-1985. A 33-year-old woman with a pulmonary nodule two years after renal transplantation. **N Engl J Med** 1985 Mar 28;312(13):843-50

[Pulmonary embolism--report of 100 cases] Cai BQ. **Chung Hua Nei Ko Tsa Chih** 1984 Apr;23(4):233-6 (Eng. Abstr.) **(Chi)**

[A case of pulmonary tumor-embolism from chondrosarcoma of the lower extremity] Hayashida K, et al. **Kaku Igaku** 1985 Jan;22(1):101-6 **(Jpn)**

[A case of hepatocellular carcinoma with growth into the right atrium, pulmonary tumor embolism, and cerebral metastasis] Nakamura Y, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):319-23 **(Jpn)**

[2 cases of myxoma of the left atrium with arterial and venous thrombosis] Iagoda AV, et al. **Klin Med (Mosk)** 1984 Nov; 62(11):114-7 **(Rus)**

PHYSIOPATHOLOGY

Experimental posttraumatic pulmonary microembolism. Effects of methylprednisolone on its development. Jansson I, et al. **Arch Surg** 1985 Apr;120(4):453-8

The natural history of pulmonary embolism. Benotti JR, et al. **Clin Chest Med** 1984 Sep;5(3):403-10

Gas exchange alterations following pulmonary thromboembolism. D'Alonzo GE, et al. **Clin Chest Med** 1984 Sep;5(3):411-9 (44 ref.)

Clinical and hemodynamic correlates in pulmonary embolism. Sharma GV, et al. **Clin Chest Med** 1984 Sep; 5(3):421-37 (38 ref.)

Pulmonary neutrophil kinetics after thrombin-induced intravascular coagulation. Cooper JA, et al. **J Appl Physiol** 1984 Sep;57(3):826-32

Fibrin degradation products increase lung transvascular fluid filtration after thrombin-induced pulmonary microembolism. Johnson A, et al. **Thromb Res** 1985 Feb 15;37(4):543-54

[Pathophysiology of pulmonary embolism] Bühlmann AA. **Schweiz Med Wochenschr** 1984 Dec 1;114(48):1720-4 (Eng. Abstr.) **(Ger)**

[Analysis of right atrium function in patients with chronic pressure overload of the right ventricle] Lambertz H, et al. **Z Kardiol** 1985 Jul;74(7):402-8 (Eng. Abstr.) **(Ger)**

[Pulmonary vascular injury induced by air embolization] Ohkuda K, et al. **Kokyu To Junkan** 1985 May;33(5):627-31 **(Jpn)**

[Clinical evaluation of 79 patients with acute pulmonary embolism: a omparison of massive and submassive types] Nakano T, et al. **Nippon Naika Gakkai Zasshi** 1984 Oct; 73(10):1444-50 **(Jpn)**

PREVENTION & CONTROL

Interruption of the inferior vena cava for the prevention of recurrent pulmonary embolism. Mansour M, et al. **Am Surg** 1985 Jul;51(7):375-80 (57 ref.)

New problem leaks out [letter] Riley R. **Anesthesiology** 1985 Jan;62(1):96-7

Prophylaxis of venous thromboembolism by aspirin, warfarin and heparin in patients with hip fracture. A prospective clinical study with cost-benefit analysis. Alho A, et al. **Ann Chir Gynaecol** 1984;73(4):225-8

The use of prophylactic subcutaneous heparin in patients undergoing hernia repairs. Jourdan M, et al. **Br J Clin Pract** 1984 Sep;38(9):298-300

The Greenfield filter: an advance in pulmonary embolism management. Burke P, et al. **Ir J Med Sci** 1984 Dec; 153(12):421-5

The helix filter: a new vena caval filter for the prevention of pulmonary embolism. Maass D, et al. **J Cardiovasc Surg (Torino)** 1985 Mar-Apr;26(2):116-23

Screening for the potential pulmonary embolism victim. Van de Water JM, et al. **J Cardiovasc Surg (Torino)** 1985 Mar-Apr;26(2):124-30

Deep vein thrombosis and pulmonary emboli in neurosurgical patients: a review. Swann KW, et al. **J Neurosurg** 1984 Dec;61(6):1055-62 (88 ref.)

Prophylaxis against thromboembolism in gynecologic patients. Farquharson DI, et al. **J Reprod Med** 1984 Dec; 29(12):845-62 (137 ref.)

Renal cell carcinoma invading the inferior vena cava: the use of the Greenfield filter to prevent tumor emboli during nephrectomy. Rosenthal D, et al. **J Urol** 1985 Jul; 134(1):126-7

Prophylactic efficacy of low-dose dihydroergotamine and heparin in postoperative deep venous thrombosis following intra-abdominal operations. **J Vasc Surg** 1984 Sep; 1(5):608-16

Introduction to symposium on transvenous vena cava interruption. Brewster DC. **J Vasc Surg** 1984 May; 1(3):485-90

Current indications for and results of Greenfield filter placement. Greenfield LJ. **J Vasc Surg** 1984 May;1(3):502-4

Hunter vena cava balloon: rationale and results. Hunter JA, et al. **J Vasc Surg** 1984 May;1(3):491-7

Suprarenal placement of vena caval filters: indications, techniques, and results. Orsini RA, et al. **J Vasc Surg** 1984 Jan;1(1):124-35

The bird's nest filter: a new percutaneous transcatheter inferior vena cava filter. Roehm JO Jr. **J Vasc Surg** 1984 May;1(3):498-501

Vena caval filter to prevent pulmonary embolism: experimental study. Work in progress. Günther RW, et al. **Radiology** 1985 Aug;156(2):315-20

Prevention of fatal pulmonary embolism in patients with fractures of the neck of the femur. Gruber UF. **Surg Gynecol Obstet** 1985 Jul;161(1):37-42

[102 Greenfield filters. Technical problems and early results] Combe J, et al. **Chirurgie** 1983;109(9):693-9 (Eng. Abstr.) **(Fre)**

[Placement of a Greenfield filter in the superior vena cava (letter)] Bui Quang D, et al. **Presse Med** 1985 Jun 15; 14(24):1338-9 **(Fre)**

[Surgical prevention of lung embolism with transvenous filter implantation] Schlosser V. **Dtsch Med Wochenschr** 1985 May 31;110(22):883-4 **(Ger)**

[Role of surgery in the preventive treatment of pulmonary embolism] Sala A, et al. **Minerva Med** 1985 Mar 17; 76(11):521-2 **(Ita)**

[Pulmonary thromboembolism in the Florentine medico-legal sector from 1957 to 1981. Implications for professional responsibility] Maurri M, et al. **Recenti Prog Med** 1984 Jul-Aug;75(7-8):658-74 (Eng. Abstr.) **(Ita)**

RADIOGRAPHY

Predictive value of ventilation-perfusion scanning for pulmonary embolism [letter] Daly MJ. **AJR** 1985 May; 144(5):1090-1

Value of ventilation-perfusion scanning [letter] Sautter RD. **AJR** 1985 Jun;144(6):1315-6

Radiographic findings in pulmonary hypertension from unresolved embolism. Woodruff WW 3d, et al. **AJR** 1985 Apr;144(4):681-6

Quantitation of pulmonary emboli with pulmonary cineangiography: preliminary report. Panigrahi G, et al. **Angiology** 1985 Apr;36(4):203-8

Balloon-occlusion pulmonary cineangiography for diagnosing pulmonary embolism. Benotti JR, et al. **Cathet Cardiovasc Diagn** 1984;10(5):519-27

Digital venous angiography in the diagnosis of pulmonary thromboembolism. Gutierrez FR, et al. **Cathet Cardiovasc Diagn** 1984;10(4):343-8

Are modifications necessary in the performance of pulmonary angiograms? [editorial] Price L, et al. **Chest** 1985 Jul; 88(1):1-2

False negative angiogram in pulmonary embolism. Price L. **Chest** 1985 Jul;88(1):139-41

Pulmonary angiography. Goodman PC. **Clin Chest Med** 1984 Sep;5(3):465-77 (58 ref.)

Intravenous digital pulmonary angiography for the diagnosis of pulmonary embolism. Rusch O, et al. **Conn Med** 1984 Aug;48(8):489-91

Usefulness of xerotomography in the diagnosis of acute pulmonary embolism. Castiglione W, et al. **G Ital Cardiol** 1984;14 Suppl 1:22-5

Pulmonary digital subtraction angiography. Pond GD. **Radiol Clin North Am** 1985 Jun;23(2):243-60

Scintigraphy and chest radiography in the screening of pulmonary embolism after total hip replacement. Fredin HO, et al. **Respiration** 1985;47(3):171-6

Comparison of intravenous digital subtraction angiography with radionuclide ventilation-perfusion lung scanning in patients with suspected pulmonary embolism. Flint KC, et al. **Thorax** 1985 Aug;40(8):576-80

[Complete phlebographic exploration of the venous return of the lower limbs in the clarification of pulmonary embolism. Technic and results] de Fays F, et al. **J Belge Radiol** 1984;67(6):393-9 (Eng. Abstr.) **(Fre)**

[Value of rapid acquisition cadences synchronized with the electrocardiogram for the diagnosis of pulmonary embolism by digital subtraction angiography] Parola JL, et al. **J Radiol** 1985 Feb;66(2):113-20 (Eng. Abstr.) **(Fre)**

[Central pulmonary embolism as an incidental computer-tomographic finding (letter)] Rauber K, et al. **Dtsch Med Wochenschr** 1985 Jun 21;110(25):1015-6 **(Ger)**

[Angiography of the lungs in patients with chronic bronchitis] Polak Ia. **Probl Tuberk** 1985;(3):27-30 (Eng. Abstr.) **(Rus)**

[Diagnostic significance of increased lung transparency in pulmonary thromboembolism] Matunović A, et al. **Vojnosanit Pregl** 1985 Mar-Apr;42(2):97-100 (Eng. Abstr.) (Scr)

RADIONUCLIDE IMAGING

Ventilation-perfusion scanning and pulmonary angiography: correlation in clinical high-probability pulmonary embolism. Braun SD, et al. **AJR** 1984 Nov;143(5):977-80

Postperfusion xenon-133 ventilation scintigraphy with a narrow window. Stein MG, et al. **AJR** 1985 Sep; 145(3):511-5

Pulmonary scintigraphy and the diagnosis of pulmonary embolism. A perspective. Polak JF, et al. **Clin Chest Med** 1984 Sep;5(3):457-64 (45 ref.)

Pulmonary imaging in pregnancy. Maternal risk and fetal dosimetry. Marcus CS, et al. **Clin Nucl Med** 1985 Jan; 10(1):1-4

Rapid resolution of perfusion/ventilatory abnormalities in pulmonary air embolism. Singh A, et al. **Clin Nucl Med** 1985 May;10(5):327-9

99mTc particle perfusion/99mTc aerosol ventilation imaging using a subtraction technique in suspected pulmonary embolism. Pöyhönen L, et al. **Eur J Nucl Med** 1985; 10(9-10):417-21

Defect in lung perfusion and ventilation scanning of patients with permanent transvenous implantable pacemaker. Matsuura Y, et al. **Hiroshima J Med Sci** 1984 Mar; 33(1):11-6

Detection of pulmonary emboli after total hip replacement using serial C15O2 pulmonary scans. Harris WH, et al. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1388-93

Application of an information-theoretic method for efficacy assessment. Gift DA, et al. **J Nucl Med** 1985 Jul; 26(7):807-11

Pulmonary scintigraphy in a patient with multiple pulmonary arteriovenous malformations and pulmonary embolism. Harding JA, et al. **J Nucl Med** 1985 Feb;26(2):151-4

The efficacy of lung scans: the emperor had clothes all along [editorial] Patton DD. **J Nucl Med** 1985 Jul;26(7):812-4

Determination of clinical efficacy: nuclear medicine as applied to lung scanning. Saenger EL, et al. **J Nucl Med** 1985 Jul;26(7):793-806

Computation of ventilation-perfusion studies ratio with krypton-81 pulmonary embolism [letter] Siddiqui AR. **J Nucl Med** 1985 May;26(5):549

Do radioisotope techniques fulfil their role in the diagnosis of pulmonary embolism? Giuntini C. **J Nucl Med Allied Sci** 1985 Jan-Jun;29(1-2):1-6

Proper interpretation of radioisotope lung scans [letter] Orzel JA. **JAMA** 1985 Jan 4;253(1):40

V/Q scintigraphy in the diagnosis of pulmonary emboli. Current status. Loken MK. **Minn Med** 1985 May; 68(5):353-5

The use of 99Tcm-DTPA aerosol ventilation scintigraphy in the diagnosis of pulmonary embolism. Buxton-Thomas MS, et al. **Nucl Med Commun** 1984 Jun;5(6):387-91

Tc-99m-DTPA aerosol and radioactive gases compared as adjuncts to perfusion scintigraphy in patients with suspected pulmonary embolism. Alderson PO, et al. **Radiology** 1984 Nov;153(2):515-21

'Low-probability' ventilation-perfusion scintigrams: clinical outcomes in 99 patients. Lee ME, et al. **Radiology** 1985 Aug;156(2):497-500

Kr-81m ventilation imaging: clinical utility in suspected pulmonary embolism. Rosen JM, et al. **Radiology** 1985 Mar; 154(3):787-90

Indium 111 platelet imaging for the detection of deep venous thrombosis and pulmonary embolism in patients without symptoms after surgery. Clarke-Pearson DL, et al. **Surgery** 1985 Jul;98(1):98-104

Computer analysis of ventilation-perfusion scans for detection and assessment of lung disease. Burton GH, et al. **Thorax** 1985 Jul;40(7):519-25

Influence of perfusion and ventilation scans on therapeutic decision making and outcome in cases of possible embolism. Mercandetti AJ, et al. **West J Med** 1985 Feb;142(2):208-13

[Ventilation scintigraphy with 127Xenon gas--efficient use for emergency diagnosis of pulmonary embolism] Müller-Brand J, et al. **Schweiz Med Wochenschr** 1984 Dec 1;114(48):1741-3 (Eng. Abstr.) **(Ger)**

[Nuclear medical diagnosis of pulmonary embolism] Rösler H. **Schweiz Med Wochenschr** 1984 Dec 1;114(48):1732-7 (Eng. Abstr.) **(Ger)**

[Evaluation of alveolar dead space in pulmonary embolism by using functional images] Narabayashi I, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jun 25; 44(6):823-30 (Eng. Abstr.) **(Jpn)**

SURGERY

Pregnancy complicated by solid-papillary epithelial tumor of the pancreas, pulmonary embolism, and pulmonary embolectomy. Duff P, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):80-1

Surgical management of chronic pulmonary embolism. Chitwood WR Jr, et al. **Ann Surg** 1985 Jan;201(1):11-26

Surgical approaches to thromboembolism. Greenfield LJ, et al. **Br J Surg** 1984 Dec;71(12):968-70

Pulmonary embolectomy: a review. Del Campo C. **Can J Surg** 1985 Mar;28(2):111-3 (62 ref.)

Surgical treatment of chronic unresolved pulmonary embolism. Chitwood WR Jr, et al. **Clin Chest Med** 1984 Sep;5(3):507-36 (104 ref.)

Vena caval interruption and pulmonary embolectomy. Greenfield LJ. **Clin Chest Med** 1984 Sep;5(3):495-505 (45 ref.)

Inferior vena cava interruption. Keller SM, et al. **Mt Sinai J Med (NY)** 1985 May;52(5):353-7

[Is circulatory assistance necessary in the surgical treatment of acute massive pulmonary embolism?] Giraud C, et al. **Ann Chir** 1984 Oct;38(7):572-6 (Eng. Abstr.) **(Fre)**

[Vascular surgery emergencies in geriatrics. Diagnosis and operative measures] Raithel D. **Fortschr Med** 1984 Nov 22;102(43):1100-2 (Eng. Abstr.) **(Ger)**

[Embolectomy in patients with pulmonary embolism without symptoms of shock] Busch U, et al. **Klin Wochenschr** 1984 Aug 1;62(15):724-7 (Eng. Abstr.) **(Ger)**

[Successful induction of abortion in intrauterine fetal death and operated pulmonary embolism] Kölbl H, et al. **Z Geburtshilfe Perinatol** 1984 Nov-Dec;188(6):285-6 (Eng. Abstr.) **(Ger)**

[Surgical therapy and prevention of massive pulmonary embolism] Giorgetti PL, et al. **Minerva Med** 1985 Mar 17; 76(11):507-9 **(Ita)**

[Massive pulmonary embolism: considerations on the surgical approach] Sala A, et al. **Minerva Med** 1985 Mar 17; 76(11):523-5 **(Ita)**

[Chronic pulmonary embolism--report of a successfully embolectomized case with reference to collective review of the literature] Masuda A, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Oct; 32(10):1886-92 (Eng. Abstr.) **(Jpn)**

[Experience using the Mobin-Uddin vena cava umbrella filter] Tsukamoto Y, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Apr;33(4):532-6 (Eng. Abstr.) **(Jpn)**

[A case of myelomonocytic leukemia accompanied by pulmonary thromboembolism with mucormyces successfully treated by pulmonary lobectomy] Taneichi K, et al. **Rinsho Ketsueki** 1985 Jan;26(1):96-100 **(Jpn)**

[Surgical treatment of chronic postembolic pulmonary hypertension] Kirienko AI, et al. **Grudn Khir** 1984 Nov-Dec;(6):71-5 (19 ref.) **(Rus)**

[Plastic surgery of the pulmonary artery with autopericardium after thrombintimectomy] Savel'ev VS, et al. **Grudn Khir** 1984 Nov-Dec;(6):79-81 **(Rus)**

THERAPY

Lung water increases with fluid administration during CPPV after pulmonary microembolization. Noble WH, et al. **Anesthesiology** 1984 Dec;61(6):703-7

Effect of continuous positive-pressure ventilation on oxygenation after pulmonary microemboli in dogs. Noble WH, et al. **Crit Care Med** 1985 May;13(5):412-6

Thromboembolism and cancer: treatment with the Hunter balloon. DeLaria GA, et al. **J Vasc Surg** 1984 Sep; 1(5):670-4

Greenfield caval filters: long-term radiographic follow-up study. Messmer JM, et al. **Radiology** 1985 Sep;156(3):613-8

[Diagnostic and therapeutic approach in thromboembolism disease. Reflexions apropos of 105 cases] Lemoigne F, et al. **Rev Mal Respir** 1984;1(4):251-5 (Eng. Abstr.) **(Fre)**

[Treatment of pulmonary embolism. II. Fibrinolytic and surgical treatment] Niewiarowski T, et al. **Pneumonol Pol** 1984 Sep;52(9):453-9 (41 ref.) **(Pol)**

[Importance of artificial ventilation in the treatment of patients with the fat embolism syndrome] Marenović T, et al. **Vojnosanit Pregl** 1984 May-Jun;41(3):195-8 **(Scr)**

VETERINARY

An aspirin-prednisolone combination to modify postadulticide lung disease in heartworm-infected dogs. Rawlings CA, et al. **Am J Vet Res** 1984 Nov;45(11):2371-5

PULMONARY EMPHYSEMA

The definition of emphysema. Report of a National Heart, Lung, and Blood Institute, Division of Lung Diseases workshop. **Am Rev Respir Dis** 1985 Jul;132(1):182-5

Emphysema and dust exposure in a group of coal workers [letter] Heppleston AG. **Am Rev Respir Dis** 1984 Nov; 130(5):949-51

[Pulmonary emphysema] Olivieri D, et al. **Arch Monaldi** 1984 May-Jun;39(3):149-58 (Eng. Abstr.) **(Ita)**

BLOOD

The role of neutrophils in the development of cadmium chloride-induced emphysema in lathyrogen-fed hamsters. Hoidal JR, et al. **Am J Pathol** 1985 Jul;120(1):22-9

[A sino-pulmonary syndrome in pneumonologic practice--alpha 1-antitrypsin deficiency in emphysema patients] Werner E, et al. **Z Gesamte Inn Med** 1984 Aug 1;39(15):377-8 (Eng. Abstr.) **(Ger)**

CHEMICALLY INDUCED

Assessment of elastase-induced structural and functional changes in sheep lungs. Susskind H, et al. **Bull Eur Physiopathol Respir** 1985 Mar-Apr;21(2):149-57

Experimental emphysematous bullae induced by methylcholanthrene and carrageenan. Mitsuhashi T, et al. **Tohoku J Exp Med** 1985 Mar;145(3):341-51

[Pathogenetic aspects of papain-induced pulmonary emphysema in rabbits] Gerovich LM, et al. **Patol Fiziol Eksp Ter** 1985 May-Jun;(3):47-9 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Treatment of pulmonary hypertension in chronic bronchitis and emphysema [editorial] Rees J. **Br Med J [Clin Res]** 1984 Nov 24;289(6456):1398-9

Primary bronchogenic carcinoma associated with emphysematous giant bulla. Nishiki M, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):577-84

[Selective bronchial intubation in neonatal RDS. Case report] Gallini C, et al. **Minerva Anestesiol** 1984 Dec;50(12):651-4 (Eng. Abstr.) **(Ita)**

[A case of a congenital left pericardial defect associated with bilateral bullous emphysema] Nakamura T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec; 22(12):1142-6 (Eng. Abstr.) **(Jpn)**

CONGENITAL

Radiological case of the month. Pneumoretroperitoneum and pulmonary interstitial emphysema. Cifuentes RF, et al. **Am J Dis Child** 1985 Apr;139(4):423-4

Congenital lobar emphysema due to a bronchogenic cyst. Engle WA, et al. **Am J Perinatol** 1984 Jan;1(2):196-8

Bronchial atresia associated with a bronchogenic cyst. Evidence of early appearance of atretic segments. Williams AJ, et al. **Chest** 1985 Mar;87(3):396-8

Lobus venae azygos and congenital lobar emphysema in an infant. Laurin S, et al. **ROFO** 1985 Jan;142(1):101-2

Anaesthesia for congenital lobar emphysema resection. A case report. Payne K, et al. **S Afr Med J** 1984 Sep 15; 66(11):421-2

[Late manifestations of congenital pulmonary emphysema] Volejník J. **Cesk Pediatr** 1985 Jul;40(7):422 **(Cze)**

[Pulmonary valve agenesis and giant lobar emphysema. A not uncommon association] Huret C, et al. **Pediatrie** 1984 Jun;39(4):267-72 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

Distinguishing among asthma, chronic bronchitis, and emphysema. Snider GL. **Chest** 1985 Jan;87(1 Suppl):35S-39S

Pulmonary emphysema and the crossover point. Kreukniet J, et al. **Respiration** 1984;46(3):282-90

[Diagnosis of pulmonary emphysema. Analysis of the expiratory partial pressure curves of the gases O2, CO2, He and SF6] Worth H. **Fortschr Med** 1985 Jun 20; 103(23):634-6 (Eng. Abstr.) **(Ger)**

[Lobar emphysema] Knoop U, et al. **Monatsschr Kinderheilkd** 1984 Oct;132(10):780-5 (Eng. Abstr.) **(Ger)**

[Bronchial hyperresponsiveness in patients with diffuse panbronchiolitis (DPB)--in comparison with that in patients with bronchial asthma, patients with emphysema, and healthy volunteers] Furue M, et al. **Bull Chest Dis Res Inst Kyoto Univ** 1984 Mar; 17(1-2):98-104 (Eng. Abstr.) **(Jpn)**

[Comparison of airway responsiveness to inhaled histamine with three methods in patients with bronchial asthma and chronic pulmonary emphysema] Washino Y, et al. **Nippon Naika Gakkai Zasshi** 1985 Mar;74(3):279-86 **(Jpn)**

[Automatic diagnosis of bronchial asthma, chronic bronchitis and pulmonary emphysema] Liebhart J, et al. **Pneumonol Pol** 1984 May;52(5):233-8 (Eng. Abstr.) **(Pol)**

[A case of progressive lung destruction] Nowak C, et al. **Wiad Lek** 1985 Mar 15;38(6):447-51 (Eng. Abstr.) **(Pol)**

[Bullous pulmonary emphysema] Kabanov AN, et al. **Grudn Khir** 1985 Mar-Apr;(2):73-7 (114 ref.) **(Rus)**

[Manifestations of an obstructive syndrome in the area of tuberculous lesions in relation to morphological changes in the lungs] Busygina RN, et al. **Probl Tuberk** 1985;(2):23-7 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Almitrine improves oxygenation when both awake and asleep in patients with hypoxia and carbon dioxide retention caused by chronic bronchitis and emphysema. Connaughton JJ, et al. **Am Rev Respir Dis** 1985 Aug; 132(2):206-10

Evaluation of domiciliary treatment with terbutaline by wet nebulisation in patients with chronic bronchitis and emphysema. Silins RA, et al. **Aust NZ J Med** 1985 Apr; 15(2):230-4

Use of oxygen driven nebulizer delivery systems for beta-2 agonists in chronic bronchitis. O'Donnell D, et al. **Ir J Med Sci** 1985 May;154(5):198-200

[Effect of almitrine and oxygen on arterial blood gases in chronic respiratory insufficiency] Magnussen H. **Dtsch Med Wochenschr** 1985 Jan 4;110(1):20-3 (Eng. Abstr.) **(Ger)**

ENZYMOLOGY

Elastases and emphysema. Current assessment of the protease-antiprotease hypothesis. Janoff A. **Am Rev Respir Dis** 1985 Aug;132(2):417-33 (220 ref.)

Characterization and partial purification of a neutral protease from the serum of a patient with autosomal recessive pulmonary emphysema and cutis laxa. Anderson LL, et al. **J Lab Clin Med** 1985 May;105(5):537-46

[Genetic and acquired alpha 1-antitrypsin deficiency and development of pulmonary emphysema] Pedersen CF.

Ugeskr Laeger 1984 Sep 10;146(37):2770-2 (Eng. Abstr.) **(Dan)**

ETIOLOGY

Emphysema in coal workers [editorial] Worth G. **Am J Ind Med** 1984;6(6):401-3

Nutritional emphysema in the rat. Influence of protein depletion and impaired lung growth. Kerr JS, et al. **Am Rev Respir Dis** 1985 Apr;131(4):644-50

Pulmonary interstitial emphysema [letter] Rose SJ. **Arch Dis Child** 1985 Mar;60(3):287-8

Pulmonary air leaks in ventilated preterm infants. Tudehope DI, et al. **Aust Paediatr J** 1984 Nov;20(4):279-80

Permanent pacemaker failure due to surgical emphysema. Smith SA, et al. **Br Heart J** 1985 Aug;54(2):220-1

Alcohol consumption and emphysema [letter] Hansen JE. **Chest** 1984 Nov;86(5):804

Premature emphysema and a suspicious family history. Turck M. **Hosp Pract [Off]** 1984 Nov;19(11):140-2

Oxidant injury of the extracellular matrix: potential role in the pathogenesis of pulmonary emphysema. Riley DJ, et al. **Lung** 1985;163(1):1-13 (93 ref.)

[Cigarette smoking and the etiopathogenesis of pulmonary emphysema] Górecka D. **Pneumonol Pol** 1984 Jul; 52(7):353-7 (32 ref.) **(Pol)**

[Role of elastin in the pathogenesis of pulmonary emphysema] Słodkowska J. **Postepy Hig Med Dosw** 1984 Mar-Apr; 38(2):187-96 (55 ref.) (Eng. Abstr.) **(Pol)**

[Primary pulmonary emphysema associated with alpha-antitrypsin deficiency] Gembitskaia TE. **Klin Med (Mosk)** 1984 Sep;62(9):86-91 (Eng. Abstr.) **(Rus)**

[Proteolytic enzymes and their inhibitors in the development of destructive processes in lung diseases] Kubyshkin AV. **Sov Med** 1984;(9):42-6 (60 ref.) **(Rus)**

[Role of certain mechanisms in the pathogenesis of emphysema and a number of other lung diseases] Putov NV, et al. **Ter Arkh** 1985;57(3):144-8 (64 ref.) **(Rus)**

[Emphysema--the result of the proteolytic digestion of pulmonary tissue] Eriksson S. **Lakartidningen** 1984 Oct 3; 81(40):3612-5 **(Swe)**

FAMILIAL & GENETIC

A necropsy study of Pi phenotypes, emphysema, and smoking. Sutinen S, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1985 Jul; 93(4):183-8

HISTORY

James Jackson, Jr., the young pulmonologist who described familial emphysema. An historical footnote. Knudson RJ. **Chest** 1985 May;87(5):673-6

METABOLISM

Effect of combined human neutrophil cathepsin G and elastase on induction of secretory cell metaplasia and emphysema in hamsters, with in vitro observations on elastolysis by these enzymes. Lucey EC, et al. **Am Rev Respir Dis** 1985 Aug;132(2):362-6

Pulmonary emphysema and proteolysis. An encore [editorial] Mittman C, et al. **Am Rev Respir Dis** 1985 Aug;132(2):205

Cigarette smoke impairs elastin resynthesis in lungs of hamsters with elastase-induced emphysema. Osman M, et al. **Am Rev Respir Dis** 1985 Sep;132(3):640-3

Impairment of elastin resynthesis in the lungs of hamsters with experimental emphysema induced by sequential administration of elastase and trypsin. Osman M, et al. **J Lab Clin Med** 1985 Feb;105(2):254-8

MICROBIOLOGY

Streptococcus milleri found in pulmonary empyemas and abscesses [letter] Waitkins SA, et al. **J Clin Pathol** 1985 Jun;38(6):716-7

MORTALITY

Nocturnal deaths among patients with chronic bronchitis and emphysema [letter] Tirlapur VG. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1540

Predicting mortality in low-birth-weight infants with pulmonary interstitial emphysema. Gaylord MS, et al. **Pediatrics** 1985 Aug;76(2):219-24

[A ten-year follow-up of chronic emphysema and cor pulmonale in the Shushan Commune in Hefei] Lu ZW. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Jun;7(3):132-3, 190 (Eng. Abstr.) **(Chi)**

PATHOLOGY

Lung disease in long-term cigarette smokers with and without chronic air-flow obstruction. Hale KA, et al. **Am Rev Respir Dis** 1984 Nov;130(5):716-21

Overview of the pathology of pulmonary emphysema in the human. Thurlbeck WM. **Clin Lab Med** 1984 Sep; 4(3):539-59 (68 ref.)

Pulmonary fibrosis and emphysema: connective tissue disorders of the lung. Laurent GJ, et al. **Eur J Clin Invest** 1984 Dec;14(6):411-3

Scanning and transmission electron microscopic studies on pulmonary bullae. Lee YS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jun;83(6):542-50

Weights of the body and cardiac ventricles in pulmonary emphysema. Sutinen S, et al. **Virchows Arch [A]** 1985; 407(3):249-57

[Anatomopathology, physiopathology and treatment of the emphysematous disease of infants (apropos of an experience with 133 surgically treated cases)] Binet JP, et al. **C R Acad Sci [III]** 1985;300(6):207-12 (Eng. Abstr.) **(Fre)**

PHYSIOPATHOLOGY

Inspiratory: expiratory ratio and pulmonary interstitial emphysema [letter] Tarnow-Mordi W, et al. **Arch Dis Child** 1985 May;60(5):496-7

The effects of theophylline and salbutamol on right and left ventricular function in chronic bronchitis and emphysema. Winter RJ, et al. **Br J Dis Chest** 1984 Oct;78(4):358-62

Pulmonary interstitial emphysema in the adult respiratory distress syndrome. Woodring JH. **Crit Care Med** 1985 Oct; 13(10):786-91

Evaluation of physical signs in patients with emphysema. Jain SK, et al. **Indian J Chest Dis Allied Sci** 1984 Apr-Jun; 26(2):92-7

Effects of lung volume on body surface electrocardiogram. Isointegral analysis of body surface maps in patients with chronic pulmonary emphysema. Ikeda K, et al. **Jpn Circ J** 1985 Mar;49(3):284-91

Electrocardiographic study of chronic pulmonary emphysema by means of body surface mapping. Ikeda K, et al. **Jpn Heart J** 1984 Sep;25(5):689-700

Smoking, lung function, and alpha 1-antitrypsin deficiency. Janus ED, et al. **Lancet** 1985 Jan 19;1(8421):152-4

Pulmonary interstitial emphysema and tension extra-pulmonary air in the neonate--increasing hazards. Srouji MN, et al. **Middle East J Anaesthesiol** 1984 Oct; 7(6):403-15

[A study of factors affecting prognosis in emphysema] Chen SN. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Jun;7(3):137-8, 190 (Eng. Abstr.) **(Chi)**

[Interrelation between pulmonary function testing, pulmonary arterial pressure and clinical patterns in chronic bronchitis and emphysema with or without cor pulmonale] Lu FY. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Dec;7(6):327-9, 381 (Eng. Abstr.) **(Chi)**

[Aggressive induction of pulmonary emphysema in animals: an approach to emphysema in man?] Reichart E. **Agressologie** 1984 Sep;25(8):903-5 (Eng. Abstr.) **(Fre)**

[Studies on uneven ventilation in chronic obstructive lung disease] Sugita M, et al. **Kokyu To Junkan** 1985 Mar; 33(3):377-84 **(Jpn)**

[Estimation of regional ventilation by Xe-133 washout method--effect of expiratory loading for regional ventilation in patients with chronic pulmonary emphysema] Ikeda H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Oct;22(10):868-79 (Eng. Abstr.) **(Jpn)**

[Mucociliary clearance in diffuse panbronchiolitis, pulmonary emphysema and chronic bronchitis estimated by aerosol inhalation cine-scintigraphy] Ryujin Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jun; 22(6):479-85 (Eng. Abstr.) **(Jpn)**

[External respiratory function in patients with primary pulmonary emphysema etiologically related to alpha 1-antitrypsin deficiency] Gembitskaia TE, et al. **Ter Arkh** 1985;57(3):91-6 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

The prevention of elastase-induced emphysema in hamsters by the intratracheal administration of a synthetic elastase inhibitor bound to albumin microspheres. Gudapaty SR, et al. **Am Rev Respir Dis** 1985 Jul;132(1):159-63

The effect of furoyl saccharin, a novel non-peptidic acylating protease inhibitor, on experimental emphysema in the hamster. Martorana PA, et al. **Eur J Respir Dis** 1985 Apr; 66(4):297-301

[Correction of the surfactant system of the lungs (review of the literature)] Berezovskiĭ VA, et al. **Vrach Delo** 1985 Jun;(6):36-9 **(Rus)**

RADIOGRAPHY

Pulmonary interstitial emphysema. Drucker EA, et al. **Am Fam Physician** 1985 Jan;31(1):137-8

Pulmonary interstitial emphysema. Greenough A, et al. **Arch Dis Child** 1984 Nov;59(11):1046-51

Infra-azygous pneumomediastinum versus pulmonary ligament air collection: CT evaluation. Morrison SC, et al. **Pediatr Radiol** 1985;15(2):129-30

Diagnosis of emphysema on chest radiographs. Lohela P, et al. **ROFO** 1984 Oct;141(4):395-402

[Initial results of x-ray computed tomography in emphysema (letter)] Levade M, et al. **Presse Med** 1985 Apr 27; 14(17):978 **(Fre)**

[Digital subtraction angiography in Swyer-James syndrome] Seemann WR, et al. **Prax Klin Pneumol** 1985 Jun; 39(6):190-2 (Eng. Abstr.) **(Ger)**

RADIONUCLIDE IMAGING

Acute response to elastase in sheep lungs measured with Ga-67. Susskind H, et al. **J Nucl Med** 1984 Dec; 25(12):1310-6

[Effect of coughing on 133Xe ventilation study in a patient with bullous disease] Seto M, et al. **Kaku Igaku** 1984 Nov; 21(11):1475-9 (Eng. Abstr.) **(Jpn)**

[Abnormal pulmonary deposition of radioactive aerosol in patients with pulmonary emphysema] Shida A, et al. **Kokyu To Junkan** 1984 Aug;32(8):817-22 (Eng. Abstr.) **(Jpn)**

SURGERY

Surgery of acquired lobar emphysema in the neonate. Martinez-Frontanilla LA, et al. **J Pediatr Surg** 1984 Aug; 19(4):375-9

The changing spectrum of cystic pulmonary lesions requiring surgical resection in infants. Schneider JR, et al. **J Thorac Cardiovasc Surg** 1985 Mar;89(3):332-9

[Experiences in the surgical treatment of pulmonary bullae in 30 cases] Wang G, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Jan;23(1):42-3, 64 (Eng. Abstr.) **(Chi)**

[Simultaneous bilateral operations for bullous emphysema by median sternotomy] Watanabe Y, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):929-33 (Eng. Abstr.) **(Jpn)**

[Surgically treated bilateral pulmonary pneumocysts] Bednarski Z. **Wiad Lek** 1984 Oct 1;37(19):1549-52 (Eng. Abstr.) **(Pol)**

[The transsternal approach in treating complicated forms of pulmonary emphysema] Levashov IuN, et al. **Grudn Khir** 1985 Mar-Apr;(2):7-11 (Eng. Abstr.) **(Rus)**

[Surgical treatment of pulmonary emphysema] Putov NV, et al. **Grudn Khir** 1985 Jan-Feb;(1):42-7 (Eng. Abstr.) **(Rus)**

[Surgical treatment of pulmonary emphysema] Gil Turner C. **An R Acad Nac Med (Madr)** 1984;101(2):223-8 **(Spa)**

[Surgical treatment in bullous emphysema in the adult: its indications] Ramos G. **Med Clin (Barc)** 1984 Dec 8; 83(19):812-6 **(Spa)**

THERAPY

Localized pulmonary interstitial emphysema: treatment by bronchial occlusion. Auerbach DA, et al. **Am J Perinatol** 1983 Oct;1(1):52-7

Successful therapy of unilateral pulmonary emphysema: mechanical ventilation with extremely short inspiratory time. Meadow WL, et al. **Am J Perinatol** 1985 Jul; 2(3):194-7

Selective bronchial intubation for pulmonary emphysema. Campbell AN, et al. **Arch Dis Child** 1984 Sep;59(9):890-2

Selective bronchial intubation for pulmonary emphysema [letter] Milner AD, et al. **Arch Dis Child** 1985 Jan; 60(1):83-4

Selective intubation in pulmonary interstitial emphysema: experience in five patients. Bowman ED, et al. **Aust Paediatr J** 1984 Nov;20(4):317-21

Lateral decubitus position and pulmonary interstitial emphysema [letter] Bidiwala K, et al. **J Pediatr** 1984 Nov; 105(5):847-8

Successful treatment of persistent neonatal interstitial emphysema by flexible bronchoscopy [letter] de Blic J, et al. **Lancet** 1984 Dec 15;2(8416):1389-90

VETERINARY

Bullous emphysema and recurrent pneumothorax in the dog. Kramek BA, et al. **J Am Vet Med Assoc** 1985 May 1; 186(9):971-4

Reduction of 3-methylindole production and prevention of acute bovine pulmonary edema and emphysema with lasalocid. Nocerini MR, et al. **J Anim Sci** 1985 Jan; 60(1):232-8

PULMONARY EOSINOPHILIA

[Pulmonary eosinophilia] Carvallo H. **Rev Med Chil** 1984 Apr;112(4):407-12 (Eng. Abstr.) **(Spa)**

[Lung infiltration with eosinophilia, eosinophilic pneumonia or pulmonary eosinophilia?] Farga V. **Rev Med Chil** 1984 Apr;112(4):405-7 **(Spa)**

BLOOD

Arterial desaturation in tropical eosinophilia. Ray D. **Indian J Chest Dis Allied Sci** 1984 Jan-Mar;26(1):34-7

CHEMICALLY INDUCED

Chemotherapy-induced eosinophilic pneumonia. Relation to bleomycin. Yousem SA, et al. **Chest** 1985 Jul;88(1):103-6

Salazopyrin-induced eosinophilic pneumonia. Cazzadori A, et al. **Respiration** 1985;47(2):158-60

Pulmonary infiltration eosinophilia with chlorpropamide therapy [letter] Ahmad S. **South Med J** 1984 Dec; 77(12):1615

COMPLICATIONS

Tropical pulmonary eosinophilia associated with pleural effusions. Boornazian JS, et al. **Am J Trop Med Hyg** 1985 May;34(3):473-5

Pulmonary eosinophilia presenting with bilateral pleural effusion and consolidation. Purohit SD, et al. **Indian J Chest Dis Allied Sci** 1984 Apr-Jun;26(2):126-9

Pulmonary eosinophilia associated with cutaneous larva migrans. Butland RJ, et al. **Thorax** 1985 Jan;40(1):76–7

[A case of PIE syndrome (pulmonary infiltration with eosinophilia) preceded by watery diarrhea and generalized urticaria] Kida Y, et al. **Kokyu To Junkan** 1985 Mar; 33(3):447–52 (Eng. Abstr.) **(Jpn)**

[Hypereosinophilic bronchial asthma] Semenkova EN, et al. **Klin Med (Mosk)** 1985 Jun;63(6):48–52 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Tropical eosinophilia. Singh RP, et al. **Indian J Chest Dis Allied Sci** 1984 Apr–Jun;26(2):104–7

Comparative efficiency of Wuchereria bancrofti microfilarial and larval excretory–secretory antigens in ELISA for the diagnosis of tropical eosinophilia and bancroftian filariasis. Malhotra A, et al. **Indian J Exp Biol** 1984 Oct;22(10):520–2

Chronic eosinophilic pneumonia. Hollingsworth J, et al. **Ir J Med Sci** 1985 Mar;154(3):115

[Chronic idiopathic eosinophilic pneumopathies. A study of 16 cases] Weynants P, et al. **Rev Mal Respir** 1985;2(2):63–8 (Eng. Abstr.) **(Fre)**

ETIOLOGY

Eosinophilia due to multiple parasitic infection. Bhattacharyya DN. **J Infect** 1985 Mar;10(2):172–3

Clonorchiasis with clinical presentation of Löffler's syndrome. A case report. Mo LR, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Sep;83(9) 960–5

IMMUNOLOGY

Clinical and immunological studies in tropical eosinophilia. Gupta S, et al. **J Indian Med Assoc** 1984 Dec;82(12):429–32

PATHOLOGY

Hepatic involvement in tropical pulmonary eosinophilia. Jain AP, et al. **J Assoc Physicians India** 1984 May;32(5):420–1

RADIOGRAPHY

Peripheral pulmonary infiltrates in sarcoidosis. Glazer HS, et al. **Chest** 1984 Nov;86(5):741–4

The Viewbox: chronic eosinophilic pneumonia. Lindstrom C. **IMJ** 1984 Sep;166(3):131, 147–9

Eosinophilic consolidation (an unusual presentation of tropical pulmonary eosinophilia). Jain AP, et al. **Indian J Chest Dis Allied Sci** 1983 Oct–Dec;25(4):284–5

PULMONARY FIBROSIS

[Cryptogenic fibrosing alveolitis] Xing ZL. **Chung Hua Nei Ko Tsa Chih** 1984 Dec;23(12):772–4 (Eng. Abstr.) **(Chi)**

[Contribution of the study of respiratory function to the evaluation of pulmonary interstitiopathies] Marsico SA, et al. **Arch Monaldi** 1984 May–Jun;39(3):191–202 (Eng. Abstr.) **(Ita)**

[A case of pulmonary fibrosis] Vatrella A, et al. **Arch Monaldi** 1984 Jul–Aug;39(4):319–22 **(Ita)**

[Diffuse interstitial pulmonary fibrosis. Current etiopathogenetic and diagnostic aspects] Bariffi F, et al. **Recenti Prog Med** 1984 Dec;75(12):1097–155 (131 ref.) (Eng. Abstr.) **(Ita)**

[New knowledge on interstitial lung diseases with special reference to idiopathic pulmonary fibrosis] La Grasta M. **Plucne Bolesti** 1984 Jul–Dec;36(3–4):248–51 (Eng. Abstr.) **(Scr)**

[Idiopathic pulmonary fibrosis] Mallol–Villablanca J, et al. **Bol Med Hosp Infant Mex** 1984 Sep;41(9):497–504 (58 ref.) (Eng. Abstr.) **(Spa)**

BLOOD

The influence of transbronchial lung biopsy and bronchoalveolar lavage on arterial blood gas changes occurring in patients with diffuse interstitial lung disease. Hendy MS, et al. **Br J Dis Chest** 1984 Oct;78(4):363–8

Serum type III procollagen peptide concentration in cryptogenic fibrosing alveolitis and its clinical relevance. Kirk JM, et al. **Thorax** 1984 Oct;39(10):726–32

CHEMICALLY INDUCED

Complete recovery from paraquat poisoning causing severe unilateral pulmonary lesion. Póder G, et al. **Acta Paediatr Hung** 1985;26(1):53–9

Steroid pretreatment does not prevent paraquat pneumonitis in rabbits. Seidenfeld JJ. **Am J Med Sci** 1985 Feb; 289(2):51–4

Mast cell heterogeneity and hyperplasia in bleomycin–induced pulmonary fibrosis of rats. Goto T, et al. **Am Rev Respir Dis** 1984 Nov;130(5):797–802

Immunohistochemical identification of cell types in normal and in bleomycin–induced fibrotic rat lung. Cellular origins of interstitial cells. Woodcock–Mitchell J, et al. **Am Rev Respir Dis** 1984 Nov;130(5):910–6

Toxic oil syndrome [letter] Díaz de Rojas F, et al. **Arch Intern Med** 1985 Mar;145(3):578

Role of carbon monoxide diffusing capacity in the early detection of major bleomycin–induced pulmonary toxicity. Bell MR, et al. **Aust NZ J Med** 1985 Apr;15(2):235–40

Effects of dimethyl sulfoxide (DMSO) on bleomycin–induced pulmonary fibrosis. Pepin JM, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2386–9

Diagnosis by bronchoalveolar lavage of cause of pulmonary infiltrates in haematological malignancies [letter] Akoun GM, et al. **Br Med J [Clin Res]** 1985 May 25; 290(6481):1589–90

Sulfasalazine–induced pulmonary disease. Moseley RH, et al. **Dig Dis Sci** 1985 Sep;30(9):901–4

An assessment of the fibrogenic potential of very short 4T30 chrysotile by intratracheal instillation in rats. Lemaire I, et al. **Environ Res** 1985 Apr;36(2):314–26

Fibrosing alveolitis associated with amiodarone. Butland RJ, et al. **Eur J Respir Dis** 1984 Nov;65(8):616–9

Pulmonary gold toxicity. Morley TF, et al. **Eur J Respir Dis** 1984 Nov;65(8):627–32

Interstitial pneumopathy and low–dosage amiodarone. Pozzi E, et al. **Eur J Respir Dis** 1984 Nov;65(8):620–2

Incidence of pulmonary gold toxicity [letter] van Assendelft AH, et al. **Eur J Respir Dis** 1985 Mar;66(3):229–30

Effects of intratracheal administration of bleomycin or saline in pair–fed and control–fed hamsters on daily food intake and on plasma levels of glucose, cortisol, and insulin, and lung levels of calmodulin, calcium, and collagen. Giri SN, et al. **Exp Mol Pathol** 1985 Apr;42(2):206–19

Experimental pulmonary fibrosis induced by trisodium citrate and acid–citrate–dextrose. Mitsuhashi T, et al. **Exp Mol Pathol** 1985 Apr;42(2):261–70

Pulmonary toxicity of cyclophosphamide: a 1–year study. Morse CC, et al. **Exp Mol Pathol** 1985 Apr;42(2):251–60

Pulmonary responses to bleomycin–induced injury: an immunomorphologic and electron microscopic study. Kumar RK, et al. **Exp Pathol** 1985;28(1):33–43

Immunological involvement in pulmonary fibrosis induced by peplomycin. Ekimoto H, et al. **J Antibiot (Tokyo)** 1985 Jan;38(1):94–8

Modification of pulmonary oxygen toxicity by bleomycin treatment. Matalon S, et al. **J Appl Physiol** 1985 Jun; 58(6):1802–9

Rat lung fibroblast collagen metabolism in bleomycin–induced pulmonary fibrosis. Phan SH, et al. **J Clin Invest** 1985 Jul;76(1):241–7

Computed tomography of amiodarone pulmonary toxicity. Butler S, et al. **J Comput Assist Tomogr** 1985 Mar–Apr; 9(2):375–6

Fatal intrahepatic cholestasis and interstitial lung fibrosis following gold therapy for rheumatoid arthritis. Shaban MR, et al. **J R Soc Med** 1984 Nov;77(11):960–1

Peribronchiolar fibrosis in lungs of cats chronically exposed to diesel exhaust. Hyde DM, et al. **Lab Invest** 1985 Feb; 52(2):195–206

Chemotherapy–induced fatal pulmonary fibrosis. Somló P, et al. **Neoplasma** 1984;31(6):739–44

Amiodarone and chronic lung fibrosis. Finnegan MJ, et al. **Postgrad Med J** 1985 Jun;61(716):497–9

Interstitial lung disease caused by chronic nitrofurantoin reaction; case report. Qureshi MM. **Wis Med J** 1984 Sep; 83(9):20–2

[Paraquat poisoning in the Netherlands, 1972–1982] de Kort WL, et al. **Ned Tijdschr Geneeskd** 1984 Dec 29; 128(52):2441–5 (Eng. Abstr.) **(Dut)**

[Spectrometric and ultrastructural study of pneumopathy induced by amiodarone (letter)] Breton JL, et al. **Ann Med Interne (Paris)** 1985;136(1):76–7 **(Fre)**

[Pneumopathies caused by hypersensitivity to amiodarone and associated nephropathies. Study by alveolar lavage] Caubarrère I, et al. **Ann Med Interne (Paris)** 1985; 136(4):311–5 (Eng. Abstr.) **(Fre)**

[Drug pneumopathy. Early anatomo–pathologic study (letter)] Magar Y, et al. **Therapie** 1984 Nov–Dec; 39(6):711–2 **(Fre)**

[Gold–induced fibrosing alveolitis] Costabel U, et al. **Dtsch Med Wochenschr** 1985 Jul 26;110(30):1162–6 (Eng. Abstr.) **(Ger)**

[Roentgenologic structure changes in the lung following paraquat poisoning] Reinbold WD, et al. **Prax Klin Pneumol** 1984 Dec;38(12):549–53 (Eng. Abstr.) **(Ger)**

[Recurrent bilateral pneumothorax in progressive lung fibrosis following combination therapy with BCNU] Vetter N, et al. **Prax Klin Pneumol** 1985 Mar;39(3):102–5 (Eng. Abstr.) **(Ger)**

[Alveolitis––a rare side effect of gold therapy] Liebetrau G. **Z Erkr Atmungsorgane** 1984;163(2):200–4 (Eng. Abstr.) **(Ger)**

[Heavy metal pneumoconiosis] Zsiray M, et al. **Orv Hetil** 1985 Jan 6;126(1):33–5 (Eng. Abstr.) **(Hun)**

[Introduction and general data on the subject of the pathology of drugs] Larizza P. **Minerva Med** 1984 Aug 25;75(32–33):1865–6 **(Ita)**

[Chronic interstitial pneumonitis produced in the rats with collagen–induced arthritis] Saisho K. **Fukuoka Igaku Zasshi** 1984 Dec;75(12):645–60 (Eng. Abstr.) **(Jpn)**

[Beta blockaders and penile fibrosis, pulmonary fibrosis and positive antinuclear factor] Husebye E, et al. **Tidsskr Nor Laegeforen** 1985 May 20;105(14):972–4 (Eng. Abstr.) **(Nor)**

[Pulmonary disease caused by amiodarone (letter)] Juanmiquel Isern L, et al. **Med Clin (Barc)** 1984 Sep 15; 83(7):309–10 **(Spa)**

[Interstitial pneumonitis and amiodarone] Manresa F, et al. **Rev Clin Esp** 1984 May 31;173(4):249–52 **(Spa)**

CLASSIFICATION

T–lymphocyte alveolitis and B–lymphocyte alveolitis: a new classification of interstitial pneumonitis based on broncho–alveolar lavage findings. Izumi T, et al. **Asian Pac J Allergy Immunol** 1983 Dec;1(2):131–4

COMPLICATIONS

The inherited association of interstitial lung disease, hypocalciuric hypercalcemia, and defective granulocyte function. Demedts M, et al. **Am Rev Respir Dis** 1985 Mar; 131(3):470–5

Lymphocytic interstitial pneumonia associated with the acquired immune deficiency syndrome. Grieco MH, et al. **Am Rev Respir Dis** 1985 Jun;131(6):952–5

Lymphoid interstitial pneumonitis in acquired immunodeficiency syndrome–related complex. Solal–Celigny P, et al. **Am Rev Respir Dis** 1985 Jun; 131(6):956–60

Acute systemic lupus erythematosus with fatal pneumonitis and disseminated intravascular coagulation. Chellingsworth M, et al. **Ann Rheum Dis** 1985 Jan;44(1):67–9

Idiopathic pulmonary fibrosis in adult respiratory distress syndrome. Diagnosis and treatment. Ashbaugh DG, et al. **Arch Surg** 1985 May;120(5):530–5

Cryptogenic fibrosing alveolitis, chronic active hepatitis and autoimmune haemolytic anaemia in the same patient. Williams AJ, et al. **Br J Dis Chest** 1985 Apr;79(2):200–3

Hypertrophic pulmonary osteoarthropathy in four patients with interstitial pulmonary disease. Galko B, et al. **Chest** 1985 Jul;88(1):94–7

Pulmonary hypertension in the interstitial lung diseases [editorial] Kennedy JI, et al. **Chest** 1985 May;87(5):558–60

Desquamative interstitial pneumonia and scar cancer of the lung complicating generalised neurofibromatosis. De Scheerder I, et al. **Eur J Respir Dis** 1984 Nov;65(8):623–6

The prognosis and development of pulmonary hypertension in idiopathic diffuse interstitial lung fibrosis. Jezek V. **G Ital Cardiol** 1984;14 Suppl 1:39–45

Xerotrachea and interstitial lung disease in primary Sjogren's syndrome. Constantopoulos SH, et al. **Respiration** 1984; 46(3):310–4

Spontaneous pneumothorax in cryptogenic fibrosing alveolitis. Picado C, et al. **Respiration** 1985;48(1):77–80

Neurofibromatosis (von Recklinghausen's disease)––an unusual cause of parenchymal lung disease. A case report. Hardcastle SW, et al. **S Afr Med J** 1984 Dec 22–29; 66(25):959–60

[Radiological diagnosis of pulmonary arterial hypertension in idiopathic pulmonary fibrosis] Gavelli G, et al. **Radiol Med (Torino)** 1984 Oct;70(10):730–3 (Eng. Abstr.) **(Ita)**

[Survey of the association of dermatomyositis and pulmonary fibrosis] Hidano A, et al. **Arerugi** 1985 Apr;34(4):245–51 (Eng. Abstr.) **(Jpn)**

[A case of Sjögren's syndrome associated with lymphoid interstitial pneumonia] Kuriyama K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Mar 25; 45(3):475–9 (Eng. Abstr.) **(Jpn)**

[Respiratory failure in the elderly (fibrosing lung disease)] Tomita T, et al. **Nippon Ronen Igakkai Zasshi** 1984 Sep; 21(5):408–12 (Eng. Abstr.) **(Jpn)**

[Pulmonary hypertension in a patient with pulmonary fibrosis and rheumatoid arthritis] Skwarski K. **Pneumonol Pol** 1985 Mar;53(3):151–5 (Eng. Abstr.) **(Pol)**

[Pulmonary hypertension in diffuse fibrosing alveolitis] Shatalov NN, et al. **Probl Tuberk** 1984 Dec;(12):29–33 (Eng. Abstr.) **(Rus)**

[Autoimmune atrophic thyroiditis associated with polymyositis and pulmonary fibrosis (letter)] Fernández–Monrás F, et al. **Med Clin (Barc)** 1985 Apr 20; 84(15):630 **(Spa)**

DIAGNOSIS

Interstitial pulmonary fibrosis environmental or idiopathic? Snider GL. **Hosp Pract [Off]** 1985 Jun 15;20(6):94C–94H, 94M–94P, 94T–94U passim

Diagnostic significance of bronchoalveolar lavage fluid analysis in bilateral diffuse lung disease. Kalra L, et al. **Indian J Med Res** 1984 May;79:697–703

Assessment of transdiaphragmatic pressure in humans. Laporta D, et al. **J Appl Physiol** 1985 May;58(5):1469–76

Diagnosis of pulmonary talcosis by electron–probe x–ray analysis. Ghadially FN, et al. **J Submicrosc Cytol** 1984 Oct; 16(4):773–7

Diagnostic advances in interstitial lung disease. Lerner SD. **Primary Care** 1985 Jun;12(2):369–81

Diagnosis pattern in diffuse interstitial lung diseases. Anastasatu C, et al. **Rev Ig [Pneumoftiziol]** 1984 Jul–Sep; 33(3):233–6

The yield of active case–finding in persons with inactive pulmonary tuberculosis or fibrotic lesions. A 5–year study in tuberculosis clinics in Amsterdam, Rotterdam and Utrecht. Styblo K, et al. **Tubercle** 1984 Dec;65(4):237–51

[Desquamative interstitial pneumonia] Hou J, et al. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Apr;7(2):113–6 **(Chi)**

[Chronic idiopathic eosinophilic pneumopathies. A study of 16 cases] Weynants P, et al. **Rev Mal Respir** 1985;2(2):63–8 (Eng. Abstr.) **(Fre)**

[Usual and unusual types of idiopathic interstitial pneumonia (IIP)] Honma Y. **Kokyu To Junkan** 1985 Jan;33(1):33–9

(Jpn)

[Acute exacerbation in idiopathic interstitial pneumonia] Yoshimura K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Nov; 22(11):1012–20 (Eng. Abstr.) **(Jpn)**

[Serum type III procollagen peptide in tissue fibrosis] Maruyama K. **Rinsho Byori** 1985 Jan;33(1):27–32 **(Jpn)**

[A preliminary report on bronchoalveolar lavage in the diagnosis of interstitial pneumonia in allogenic bone marrow transplant patients] Fujimura M, et al. **Rinsho Ketsueki** 1984 Aug;25(8):1197–203 (Eng. Abstr.) **(Jpn)**

[Serum type III procollagen peptide in patients with pneumoconiosis] Okazaki I, et al. **Sangyo Ika Daigaku Zasshi** 1983 Dec 1;5(4):461–7 (Eng. Abstr.) **(Jpn)**

[Pulmonary fibrosis of the upper lobe resembling tuberculosis in patients without ankylosing spondylitis] Krakówka P, et al. **Pneumonol Pol** 1985 Jan;53(1):39–47 (Eng. Abstr.) **(Pol)**

[Chronic obstructive bronchopneumonia associated with diffuse interstitial fibrosis] Anastasatu C, et al. **Rev Ig [Pneumoftiziol]** 1985 Jan–Mar;34(1):31–40 (Eng. Abstr.) **(Rum)**

[2 cases of Hamman–Rich syndrome in young children] Parilskaia TV, et al. **Pediatriia** 1984 Dec;(12):60–1 **(Rus)**

[Manifestations of an obstructive syndrome in the area of tuberculous lesions in relation to morphological changes in the lungs] Busygina RN, et al. **Probl Tuberk** 1985;(2):23–7 (Eng. Abstr.) **(Rus)**

[Nature and dynamics of residual changes in the lungs of clinically cured tuberculosis patients working in the engineering industry] Nechaeva OB. **Probl Tuberk** 1985; (3):34–8 (Eng. Abstr.) **(Rus)**

[Idiopathic fibrosing alveolitis] Neklasov IuF, et al. **Probl Tuberk** 1984 Aug;(8):69–71 **(Rus)**

[Clinico–functional characteristics of idiopathic fibrosing alveolitis (Hamman–Rich syndrome)] Il'kovich MM, et al. **Ter Arkh** 1984;56(11):88–91 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

The effect of deferoxamine on bleomycin–induced lung fibrosis in the hamster. Chandler DB, et al. **Am Rev Respir Dis** 1985 Apr;131(4):596–8

Desquamative interstitial pneumonia responsive to chloroquine. Leahy F, et al. **Clin Pediatr (Phila)** 1985 Apr; 24(4):230–2

Adverse effects of cyclophosphamide in idiopathic pulmonary fibrosis. Eliasson O, et al. **Conn Med** 1985 May; 49(5):286–9

The recurrence of alveolitis in interstitial lung disease. DiFilippo NM. **IMJ** 1984 Dec;166(6):441–2

Monocrotaline–induced pulmonary fibrosis in rats: amelioration by captopril and penicillamine. Molteni A, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):112–20

[Respiratory function and alveolar biological changes under the effect of CDP–choline in pulmonary interstitial pathology: pulmonary fibrosis and sarcoidosis] Pacheco Y, et al. **Rev Pneumol Clin** 1985;41(2):91–100 (Eng. Abstr.) **(Fre)**

[Effect of almitrine and oxygen on arterial blood gases in chronic respiratory insufficiency] Magnussen H. **Dtsch Med Wochenschr** 1985 Jan 4;110(1):20–3 (Eng. Abstr.) **(Ger)**

[What is safe in the therapy of alveolitis and lung fibrosis?] Lanser K, et al. **Internist (Berlin)** 1984 Dec;25(12):735–40 **(Ger)**

[Treatment of interstitial pneumonia in autoimmune mice with cyclosporin A] Okudaira H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Oct; 22(10):880–4 (Eng. Abstr.) **(Jpn)**

[Glomerulonephritis after long–term treatment of primary pulmonary fibrosis with cuprenil (Polfa)] Adamiec R, et al. **Wiad Lek** 1984 Sep 15;37(18):1436–40 (Eng. Abstr.) **(Pol)**

ETIOLOGY

Lung cancer and chronic interstitial pneumonia associated with systemic sarcoidosis. Kuhara H, et al. **Acta Pathol Jpn** 1985 Jan;35(1):199–211

Interstitial lung disease and hilar adenopathy in a 28–year–old man with aplastic anemia [clinical conference] **Am J Med** 1985 Apr;78(4):659–68

Chronic interstitial pulmonary fibrosis following Mycoplasma pneumoniae pneumonia. Tablan OC, et al. **Am J Med** 1985 Aug;79(2):268–70

Bronchiolitis obliterans and pneumonia induced in young dogs by experimental adenovirus infection. Castleman WL. **Am J Pathol** 1985 Jun;119(3):495–504

Pulmonary disease associated with cafeteria flooding. Hodgson MJ, et al. **Arch Environ Health** 1985 Mar–Apr; 40(2):96–101

Asymmetric rapidly progressive lung fibrosis: a cause of pseudotumour in asbestosis. Cookson WO, et al. **Br J Ind Med** 1985 May;42(5):350–3

Diagnosis by bronchoalveolar lavage of cause of pulmonary infiltrates in haematological malignancies. Costabel U, et al. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1041

Lymphoid interstitial pneumonia after allogeneic bone marrow transplantation. A possible manifestation of chronic graft–versus–host disease. Perreault C, et al. **Cancer** 1985 Jan 1;55(1):1–9

Radiation–induced lung fibrosis after treatment of small cell carcinoma of the lung with very high–dose cyclophosphamide. Trask CW, et al. **Cancer** 1985 Jan 1; 55(1):57–60

Exposure to hard metal [letter] Abraham JL. **Chest** 1985 Apr; 87(4):554

Acute pulmonary fibrosis associated with respiratory failure [letter] Nerlich AG, et al. **Chest** 1985 Jul;88(1):157

Interstitial pneumonitis following bone marrow transplantation: pathogenesis and therapeutic considerations. Cardozo BL, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):43–51 (48 ref.)

Pulmonary cavitation, fibrosis and Legionnaires' disease. Hughes JA, et al. **Eur J Respir Dis** 1985 Jan;66(1):59–61

Pulmonary function of marrow transplant patients. I. Effects of marrow infusion, acute graft–versus–host disease, and interstitial pneumonitis. Springmeyer SC, et al. **Exp Hematol** 1984 Nov;12(10):805–10

Lung damage following bone marrow transplantation: I. The contribution of irradiation. Cardozo BL, et al. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):907–14

Interstitial pneumonitis following total body irradiation for bone marrow transplantation using two different dose rates. Kim TH, et al. **Int J Radiat Oncol Biol Phys** 1985 Jul; 11(7):1285–91

Lymphoid interstitial pneumonia in juvenile rheumatoid arthritis. Lovell D, et al. **J Pediatr** 1984 Dec;105(6):947–50

Desquamative interstitial pneumonitis complicating inflammatory bowel disease of childhood. Teague WG, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):663–7

Interstitial pneumonia after allogeneic and autologous bone marrow transplantation. Funada H, et al. **Jpn J Clin Oncol** 1984 Dec;14 Suppl 1:519–30

The effect of asbestos–cement, cement and asbestos dusts on the lungs of rats. Woźniak H, et al. **Med Pr** 1984; 35(4):269–72

Deposition of bauxite dust and pulmonary fibrosis. Bellot SM, et al. **Pathol Res Pract** 1984 Nov;179(2):225–9

Pulmonary disease in polymyositis/dermatomyositis. Dickey BF, et al. **Semin Arthritis Rheum** 1984 Aug;14(1):60–76 (161 ref.)

Late–onset interstitial pneumonia following allogeneic bone marrow transplantation. Wingard JR, et al. **Transplantation** 1985 Jan;39(1):21–3

[Sjögren's syndrome with pulmonary manifestations: 47 case reports] Hou J, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Jun;24(6):350–2, 382 (Eng. Abstr.) **(Chi)**

[Lymphocytic interstitial pneumonia in Gougerot–Sjögren syndrome with scleroderma] Allard P, et al. **Ann Med Interne (Paris)** 1984;135(6):431–4 (Eng. Abstr.) **(Fre)**

[Chlamydia trachomatis pneumopathies in infants] Couvreur J, et al. **Rev Fr Gynecol Obstet** 1984 Oct;79(10):635–8 (Eng. Abstr.) **(Fre)**

[Alveolar cancer and localized parieto–alveolar fibrosis] Vincent M, et al. **Rev Mal Respir** 1984;1(5):289–93 (Eng. Abstr.) **(Fre)**

[Dermatopolymyositis and pulmonary fibrosis associated with Gougerot–Sjogren syndrome. Study of 3 cases] Hatron PY, et al. **Rev Med Interne** 1985 Mar;6(2):97–103 (Eng. Abstr.) **(Fre)**

[Recent findings on the pathogenesis of diffuse interstitial pulmonary fibrosis] Bariffi F, et al. **Arch Monaldi** 1984 May–Jun;39(3):183–90 (Eng. Abstr.) **(Ita)**

[Radiodiagnosis of radiation–treated lung cancer] Guzzon A, et al. **Radiol Med (Torino)** 1984 May;70(5):283–93 (Eng. Abstr.) **(Ita)**

[Total body irradiation for autologous bone marrow transplantation—analysis of interstitial pneumonia and relapse after transplantation] Saito Y, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Oct 25; 44(10):1271–8 (Eng. Abstr.) **(Jpn)**

[A case of interstitial pneumonia associated with Hermansky–Pudlak syndrome] Chijimatsu Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug; 22(8):708–12 (Eng. Abstr.) **(Jpn)**

[Biological evaluation of the aggressiveness of copper slag dust] Szymczykiewicz K, et al. **Med Pr** 1984;35(3):201–8 (Eng. Abstr.) **(Pol)**

[Polish asbestos and its fibrogenic effect. I. Fibrous minerals in nickel ore deposits] Woźniak H. **Med Pr** 1984; 35(6):417–26 (Eng. Abstr.) **(Pol)**

[Comparative evaluation of the toxic and fibrogenic properties of sylvinite dust after inhalation] Chuĭko MP, et al. **Gig Tr Prof Zabol** 1984 Aug;(8):34–7 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

Coexistence of hypocalciuric hypercalcaemia and interstitial lung disease in a family: a cross–sectional study. Auwerx J, et al. **Eur J Clin Invest** 1985 Feb;15(1):6–14

Familial idiopathic fibrosing alveolitis. Barzó P. **Eur J Respir Dis** 1985 May;66(5):350–2

Host genetic factors influence murine cytomegalovirus lung infection and interstitial pneumonitis. Shanley JD. **J Gen Virol** 1984 Dec;65 (Pt 12):2121–8

[The occurrence of benign pulmonary changes in the spouses of previously employed asbestos workers] Lander F, et al. **Ugeskr Laeger** 1985 May 27;147(22):1805–6 (Eng. Abstr.) **(Dan)**

[Diffuse familial interstitial pulmonary fibrosis. Study of a family] Sansonetti M, et al. **Rev Mal Respir** 1985;2(2):75–81 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

Detection of viral and chlamydial antigens in open–lung biopsy specimens. Gleaves CA, et al. **Am J Clin Pathol** 1985 Mar;83(3):371–4

Clinical significance of circulating immune complexes in 'lone' cryptogenic fibrosing alveolitis and those with associated connective tissue disorders. Martinet Y, et al. **Clin Allergy** 1984 Sep;14(5):491–7

Pulmonary macrophage function during experimental cytomegalovirus interstitial pneumonia. Miller SA, et al. **Infect Immun** 1985 Jan;47(1):211–6

Viral–bacterial pneumonia in calves: effect of bovine herpesvirus–1 on immunologic functions. Bielefeldt Ohmann H, et al. **J Infect Dis** 1985 May;151(5):937–47

Lymphoid interstitial pneumonia and rheumatoid arthritis [letter] Church JA. **J Pediatr** 1985 Sep;107(3):485

Antibody to Jo–1 in polymyositis/dermatomyositis: association with interstitial pulmonary disease. Hochberg MC, et al. **J Rheumatol** 1984 Oct;11(5):663–5

Interstitial murine cytomegalovirus pneumonia after irradiation: characterization of cells that limit viral replication during established infection of the lungs. Reddehase MJ, et al. **J Virol** 1985 Aug;55(2):264–73

Cryptogenic fibrosing alveolitis and Epstein–Barr virus: an association? Vergnon JM, et al. **Lancet** 1984 Oct 6; 2(8406):768–71

Immunoglobulin classes in local immune complexes recovered by bronchoalveolar lavage in collagen vascular diseases. Jansen HM, et al. **Lung** 1984;162(5):287–96

Immunohistological analysis of lung tissue from patients with cryptogenic fibrosing alveolitis suggesting local expression of immune hypersensitivity. Campbell DA, et al. **Thorax** 1985 Jun;40(6):405–11

The effect of cyclosporin A on pulmonary fibrosis induced by butylated hydroxytoluene, bleomycin and beryllium sulfate. Sendelbach LE, et al. **Toxicol Lett** 1985 Aug; 26(2–3):169–73

Augmentation of graft–versus–host reaction by cytomegalovirus infection resulting in interstitial pneumonitis. Grundy JE, et al. **Transplantation** 1985 May; 39(5):548–53

[Study of activated lymphocytes in bronchoalveolar lavage fluid (BALF) from patients with various diffuse interstitial lung diseases] Fujimura N. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jul;22(7):552–61 (Eng. Abstr.) **(Jpn)**

[The complement system and circulating immune complexes in diffuse interstitial pulmonary diseases] Mušič E, et al. **Plucne Bolesti** 1984 Jan–Jun;36(1–2):17–21 (Eng. Abstr.) **(Scr)**

METABOLISM

Alveolar macrophages in idiopathic pulmonary fibrosis [letter] Struhar D, et al. **Am Rev Respir Dis** 1985 May; 131(5):803–4

Short–term regional clearance of an inhaled submicrometric aerosol in pulmonary fibrosis. Tryka AF, et al. **Am Rev Respir Dis** 1985 Sep;132(3):606–11

Changes in the pulmonary glucocorticoid receptor content in the course of interstitial disease. Saldiva PH, et al. **Chest** 1985 Sep;88(3):417–9

Elevated serum galactosylhydroxylysyl glucosyltransferase, a collagen synthesis marker, in fibrosing lung diseases. Anttinen H, et al. **Clin Chim Acta** 1985 May 15;148(1):3–8

Changes in the collagen pathway in fibrosis. Last JA. **Fundam Appl Toxicol** 1985 Apr;5(2):210–8 (51 ref.)

Characterization of two glycoproteins isolated from lung lavage fluid of normal human and from patients with two pulmonary diseases. Bhattacharyya SN, et al. **Inflammation** 1984 Dec;8(4):407–15

Ultrastructural distribution of fibronectin in normal and fibrotic human lung. Torikata C, et al. **Lab Invest** 1985 Apr;52(4):399–408

Prostaglandin E2 and F2 alpha contents of broncho–alveolar lavage fluids from normal subjects and patients with diffuse interstitial pulmonary disease. Ogushi F, et al. **Tokushima J Exp Med** 1984 Jun;31(1–2):13–20

MICROBIOLOGY

Acute interstitial pneumonitis caused by Aleutian disease virus in mink kits. Larsen S, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1984 Sep; 92(5):391–3

Epstein–Barr virus infection in a child with acquired immunodeficiency syndrome. Fackler JC, et al. **Am J Dis Child** 1985 Oct;139(10):1000–4

The relation of viral replication to interstitial pneumonitis in murine cytomegalovirus lung infection. Shanley JD, et al. **J Infect Dis** 1985 Mar;151(3):454–8

Lymphadenopathy–associated virus isolated from bronchoalveolar lavage fluid in AIDS–related complex with lymphoid interstitial pneumonitis [letter] Ziza JM, et al. **N Engl J Med** 1985 Jul 18;313(3):183

'Viral' intranuclear inclusions. Couvreur Y, et al. **Ultrastruct Pathol** 1984;7(1):67–71

MORTALITY

[Analysis of the time of death of animals with malignant neoplasms and various non-neoplastic forms of the late sequelae of external and internal irradiation] Levdik TI, et al. **Gig Sanit** 1985 May;(5):34–7 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Chronic dyspnea in a 22-year-old woman [clinical conference] **Am J Med** 1985 Jan;78(1):123–32

Patterns of pulmonary structural remodeling after experimental paraquat toxicity. The morphogenesis of intraalveolar fibrosis. Fukuda Y, et al. **Am J Pathol** 1985 Mar;118(3):452–75

Effect of changing instilled volume for bronchoalveolar lavage in patients with interstitial lung disease. Dohn MN, et al. **Am Rev Respir Dis** 1985 Aug;132(2):390–2

Extracellular matrix in normal and fibrotic human lungs. Raghu G, et al. **Am Rev Respir Dis** 1985 Feb;131(2):281–9

Evidence for chronic inflammation as a component of the interstitial lung disease associated with progressive systemic sclerosis. Rossi GA, et al. **Am Rev Respir Dis** 1985 Apr;131(4):612–7

Alteration of bronchoalveolar cells during murine cytomegalovirus interstitial pneumonitis. Shanley JD, et al. **Am Rev Respir Dis** 1985 Jul;132(1):77–81

Experimental polymyxin B-induced interstitial lung disease characterized by an accumulation of cytotoxic eosinophils in the alveolar structures. Sun XH, et al. **Am Rev Respir Dis** 1985 Jan;131(1):103–8

Bronchoalveolar lavage: role in the pathogenesis, diagnosis, and management of interstitial lung disease. Daniele RP, et al. **Ann Intern Med** 1985 Jan;102(1):93–108 (138 ref.)

Lymphocyte subsets in lymphoid interstitial pneumonitis [letter] Church JA, et al. **Arch Pathol Lab Med** 1984 Nov;108(11):861–2

Diffuse alveolar damage and interstitial fibrosis in acquired immunodeficiency syndrome patients without concurrent pulmonary infection. Ramaswamy G, et al. **Arch Pathol Lab Med** 1985 May;109(5):408–12

The morphogenesis and classification of diffuse interstitial lung diseases: a clinicopathological approach, based on tissue reaction patterns. Henderson DW. **Aust NZ J Med** 1984 Oct;14(5 Suppl 3):735–48

Morphometric and elemental microanalytical studies of human lung in health and disease. Siegesmund KA, et al. **Br J Ind Med** 1985 Jan;42(1):36–42

Multifocal idiopathic fibrosis presenting as facial pain and trismus. Lewin IG, et al. **Br J Oral Maxillofac Surg** 1985 Apr;23(2):135–9

Pulmonary fibrosis and emphysema: connective tissue disorders of the lung. Laurent GJ, et al. **Eur J Clin Invest** 1984 Dec;14(6):411–3

Alterations in alveolar macrophages in hamsters developing pulmonary fibrosis. Tryka AF, et al. **Exp Lung Res** 1984;7(1):41–52

Hermansky-Pudlak syndrome: a clinicopathologic study. Schinella RA, et al. **Hum Pathol** 1985 Apr;16(4):366–76

'Interstitial pathology': an overview of the chronic interstitial lung disorders. Cantin A, et al. **Int Arch Allergy Appl Immunol** 1985;76 Suppl 1:83–91

The role of cell injury and the continuing inflammatory response in the generation of silicotic pulmonary fibrosis. Bowden DH, et al. **J Pathol** 1984 Nov;144(3):149–61

Lymphocytic interstitial pneumonia identified as lymphoma of mucosa associated lymphoid tissue. Herbert A, et al. **J Pathol** 1985 Jun;146(2):129–38

Histopathologic features of phorbol myristate acetate-induced lung injury. Taylor RG, et al. **Lab Invest** 1985 Jan;52(1):61–70

Cryptogenic fibrosing alveolitis: pattern of disease in the lung. Wright PH, et al. **Thorax** 1984 Nov;39(11):857–61

Comparison of cell profiles of bronchial and bronchoalveolar lavage fluids between normal subjects and patients with idiopathic pulmonary fibrosis. Yasuoka S, et al. **Tohoku J Exp Med** 1985 May;146(1):33–45

Histopathological and ultrastructural aspects of interstitial pneumonitis of experimental visceral leishmaniasis. Duarte MI, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):683–8

[Changes in pneumocytes in fibrosing alveolitis] Dobiáš J. **Cesk Patol** 1985 Feb;21(1):1–4 (Eng. Abstr.) **(Cze)**

[Interstitial pneumonia caused by molds from a cold storage house for fruit] Kroidl RF, et al. **Prax Klin Pneumol** 1984 Oct;38(10):434–7 (Eng. Abstr.) **(Ger)**

[Bronchoalveolar lavage] Iwainsky H, et al. **Z Erkr Atmungsorgane** 1985;164(3):231–40 (Eng. Abstr.) **(Ger)**

[Lymphocyte populations in bronchoalveolar lavage fluid in various interstitial lung diseases] Müller S, et al. **Z Erkr Atmungsorgane** 1984;163(2):140–5 (Eng. Abstr.) **(Ger)**

[Bronchoalveolar lavage] Rubin R. **Z Erkr Atmungsorgane** 1985;164(1):4–18 (Eng. Abstr.) **(Ger)**

[Pulmonary granuloma and alveolitis--common morphology and different histogenesis] Iwai K. **Kekkaku** 1984 Dec;59(12):633–46 (Eng. Abstr.) **(Jpn)**

[The development of pulmonary hypertension in lung fibrosis: a morphometric analysis of pulmonary arteries in 21 cases of paraquat intoxication] Sawai T, et al. **Kokyu To Junkan** 1985 Mar;33(3):441–6 (Eng. Abstr.) **(Jpn)**

[A pathological study on the pulmonary fibrosing process in experimental asbestosis] Yajima M. **Nippon Ika Daigaku Zasshi** 1984 Dec;51(6):707–18 (Eng. Abstr.) **(Jpn)**

[A histopathological study on vascular and interstitial changes in the lungs of collagen diseases and a comparison with interstitial pneumonia] Homma S. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar;23(3):332–47 (Eng. Abstr.) **(Jpn)**

[A case of lymphoid interstitial pneumonia] Ishizaki T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 May;22(5):401–6 (Eng. Abstr.) **(Jpn)**

[An autopsy case of Hermansky-Pudlak syndrome with diffuse interstitial pneumonia (Davies-Tuddenham syndrome)--marked ceroid-like granule deposition in the renal proximal tubular epithelia] Matsumoto S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Oct;22(10):932–8 (Eng. Abstr.) **(Jpn)**

[A case of Hermansky-Pudlak syndrome associated with diffuse interstitial pneumonia] Nishimura K, et al. **Nippon Naika Gakkai Zasshi** 1984 Oct;73(10):1497–505 **(Jpn)**

[The pulmonary 'interstitium'. Histophysiology, general pathology] Eskenasy A. **Rev Ig [Pneumoftiziol]** 1984 Apr–Jun;33(2):113–23 **(Rum)**

[Microvascular changes in the lungs of rats with bronchiolo-alveolar fibrosis caused by the intrabronchial administration of trypsin] Paukov VS, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):368–72 (Eng. Abstr.) **(Rus)**

[Changes in the activity of lysosomal enzymes of alveolar macrophages and neutrophils in various lung diseases] Bulychev AG, et al. **Probl Tuberk** 1984 Aug;(8):62–5 (Eng. Abstr.) **(Rus)**

[Bronchoalveolar lavage in diffuse interstitial lung diseases] Mušič E, et al. **Plucne Bolesti** 1984 Jan–Jun;36(1–2):69–72 (Eng. Abstr.) **(Scr)**

[Ciliary changes in interstitial pneumonia] Cano-Valle F, et al. **Gac Med Mex** 1985 Jan–Feb;121(1–2):61–9 **(Spa)**

[Eosinophils in the broncho-alveolar lavage of diffuse interstitial lung diseases] Xaubet A, et al. **Med Clin (Barc)** 1985 Jun 15;85(3):92–5 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Characterization of the bronchoalveolar cellular response in experimental asbestosis. Different reactions depending on the fibrogenic potential. Lemaire I. **Am Rev Respir Dis** 1985 Jan;131(1):144–9

Breathing during sleep in patients with interstitial lung disease. Perez-Padilla R, et al. **Am Rev Respir Dis** 1985 Aug;132(2):224–9

Exercise testing in the evaluation of diffuse interstitial lung disease. Anderson SD, et al. **Aust NZ J Med** 1984 Oct;14(5 Suppl 3):762–8

Mechanical properties of the lung in diffuse interstitial lung disease. Finucane KE, et al. **Aust NZ J Med** 1984 Oct;14(5 Suppl 3):755–61

Lung function in diffuse interstitial lung disease of unknown cause. Finucane KE, et al. **Aust NZ J Med** 1984 Oct;14(5 Suppl 3):749–54

Hemodynamic effect of hydralazine in interstitial lung disease patients with cor pulmonale. Immediate and short-term evaluation at rest and during exercise. Lupi-Herrera E, et al. **Chest** 1985 May;87(5):564–73

Kinetics of inflammatory and fibrotic pulmonary changes in a murine model of silicosis. Callis AH, et al. **J Lab Clin Med** 1985 May;105(5):547–53

Assessment of severe pulmonary disease in pregnancy with Swan-Ganz monitoring. A report of two cases. Smythe AR, et al. **J Reprod Med** 1985 Feb;30(2):133–8

The Hermansky-Pudlak syndrome. Report of three cases and review of pathophysiology and management considerations. DePinho RA, et al. **Medicine (Baltimore)** 1985 May;64(3):192–202 (73 ref.)

Effect of low hemoglobin levels on the diffusing capacity of the lungs for CO. Investigations in persons with healthy lungs and in patients with interstitial pulmonary fibrosis. Petermann W. **Respiration** 1985;47(1):30–8

[Studies on classification of clinical features in idiopathic interstitial pneumonia by cluster analysis] Fujiya S. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Sep;22(9):783–94 (Eng. Abstr.) **(Jpn)**

[A study of pulmonary function of idiopathic interstitial pneumonia--pulmonary diffusing capacity and small airway dynamics] Saito G. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Sep;22(9):742–50 (Eng. Abstr.) **(Jpn)**

[A study on pulmonary gas exchange during muscular exercise by patients with idiopathic interstitial pneumonia] Saito G. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Sep;22(9):733–41 (Eng. Abstr.) **(Jpn)**

[Indices of external respiration in patients with Hodgkin's disease long after irradiation of the mediastinum] Shishkin IP, et al. **Med Radiol (Mosk)** 1985 Jun;30(6):15–9 (Eng. Abstr.) **(Rus)**

[Role of microcirculatory disorders in the pathogenesis of pulmonary hypertension in chronic nonspecific lung diseases] Tepliakov AT, et al. **Probl Tuberk** 1984 Aug;(8):65–8 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Principia of cancer therapy VIII. Role of D-penicillamine in the prevention of radiation pneumonitis and fibrosis: an experimental demonstration. Okuyama S, et al. **Sci Rep Res Inst Tohoku Univ [Med]** 1984 Oct;31(1–4):30–1

[Effect of methionine, retinol, tocopherol and pyridoxine on fibrogenesis in the lungs and vitamin metabolism in rats in an anthracosis model] Pichkhadze GM. **Farmakol Toksikol** 1984 Jul–Aug;47(4):98–102 (Eng. Abstr.) **(Rus)**

PSYCHOLOGY

Effect of chronic lung disease on the perception of added inspiratory loads. Ward ME, et al. **Am Rev Respir Dis** 1985 Sep;132(3):652–6

RADIOGRAPHY

CT in the diagnosis of interstitial lung disease. Bergin CJ, et al. **AJR** 1985 Sep;145(3):505–10

Asbestosis and cryptogenic fibrosing alveolitis: a radiological and functional comparison. Cookson WO, et al. **Aust NZ J Med** 1984 Oct;14(5):626–30

Idiopathic pulmonary fibrosis presenting as bilateral, ill-defined pulmonary densities. Brandstetter RD, et al. **Heart Lung** 1984 Nov;13(6):671–4

Amiodarone-induced pulmonary toxicity. Koslin DB, et al. **J Can Assoc Radiol** 1984 Jun;35(2):195–8

[Changes in the lung in Bourneville-Pringle disease--a contribution to the roentgenologic differential diagnosis of interstitial lung processes] Holland B, et al. **Rontgenblatter** 1985 Mar;38(3):87–92 (Eng. Abstr.) **(Ger)**

[Diagnostic significance of liquid-filled alveolography (LFA) in idiopathic or collagenosis-induced interstitial pneumonia] Amitani R, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Apr;22(4):277–87 (Eng. Abstr.) **(Jpn)**

[The lung disease of RA patients] Shirakami T, et al. **Rinsho Hoshasen** 1985 Apr;30(4):441–7 (Eng. Abstr.) **(Jpn)**

RADIONUCLIDE IMAGING

Unexpected gallium uptake in benign pulmonary pathology. Report of two cases. McLean RG, et al. **Clin Nucl Med** 1984 Dec;9(12):675–8

A non-invasive method for estimation of lung tissue volume in patients with fibrosing lung disease: comparison with lung density measurement by positron transmission tomography. Peacock A, et al. **Lancet** 1984 Oct 6;2(8406):785–7

[Ga-67 SPECT image of diffuse interstitial pneumonitis] Odano I, et al. **Rinsho Hoshasen** 1985 Jan;30(1):83–4 **(Jpn)**

[Radioisotope examination in the evaluation of residual post-tuberculosis changes and chronic nonspecific lung diseases in adolescents] Tsym VF, et al. **Probl Tuberk** 1984 Jul;(7):16–9 (Eng. Abstr.) **(Rus)**

SURGERY

[Zonal rheography in the complex evaluation of pulmonary function before surgery] Muromskiĭ IuA, et al. **Grudn Khir** 1984 Sep–Oct;(5):61–5 (Eng. Abstr.) **(Rus)**

THERAPY

Bronchoalveolar lavage and gold salt-induced pneumonitis [letter] Breton JL, et al. **Chest** 1985 Mar;87(3):410

VETERINARY

Motheaten mice--an animal model with an inherited form of interstitial lung disease. Rossi GA, et al. **Am Rev Respir Dis** 1985 Jan;131(1):150–8

Septicaemia and pneumonia in Mycoplasma capricolum infections of young goats [letter] Cordy DR. **Aust Vet J** 1984 Jun;61(6):201–2

PULMONARY GAS EXCHANGE

Gas exchange during ventilator treatment: a validation of a computerized technique and its comparison with the Douglas bag method. Bredbacka S, et al. **Acta Anaesthesiol Scand** 1984 Aug;28(4):462–8

Lateral positioning with differential lung ventilation and unilateral PEEP following unilateral acid aspiration in the dog. East TD, et al. **Acta Anaesthesiol Scand** 1984 Oct;28(5):529–34

Continuous flow apneic ventilation. Smith RB, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):631–9

The influence of exercise training on the ventilatory threshold of patients with coronary heart disease. Sullivan M, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):458–63

Bronchopulmonary dysplasia and pulmonary insufficiency of prematurity. Lack of correlation of outcome with gas exchange abnormalities at 1 month of age. Truog WE, et al. **Am J Dis Child** 1985 Apr;139(4):351–4

Pulmonary gas exchange during hemodialysis and peritoneal dialysis: interaction between respiration and metabolism. Eiser AR. **Am J Kidney Dis** 1985 Sep;6(3):131–42 (85 ref.)

Nitrogen washout during tidal breathing with superimposed high-frequency chest wall oscillation. Harf A, et al. **Am Rev Respir Dis** 1985 Aug;132(2):350–3

Effects of changing inspiratory to expiratory time ratio on carbon dioxide elimination during high-frequency jet ventilation. Paloski WH, et al. **Am Rev Respir Dis** 1985 Jan;131(1):109-14

Stable normocapnia during high-frequency body surface oscillation in rabbits. Piquet J, et al. **Am Rev Respir Dis** 1985 Jul;132(1):104-8

The mixing and axial transport of smoke in oscillatory tube flows. Lee JS. **Ann Biomed Eng** 1984;12(4):371-83

Gas transport during high-frequency ventilation: theoretical model and experimental validation. Mitzner W, et al. **Ann Biomed Eng** 1984;12(4):407-19

Gas transport in branched airways during high-frequency ventilation. Scherer PW, et al. **Ann Biomed Eng** 1984; 12(4):385-405

Turbulence in pulsatile flows. Winter DC, et al. **Ann Biomed Eng** 1984;12(4):357-69

Effects of mitral valve replacement on ventilation, volumes, diffusing capacity and regional perfusion of lungs in patients with mitral valve disease. Mattila S, et al. **Ann Chir Gynaecol** 1985;74(2):82-5

Comparison of cardiorespiratory responses between treadmill exercise and outdoor exercises. Ichimaru Y, et al. **Ann Physiol Anthropol** 1984 Jul;3(3):217-25

Evaluation of errors in expiratory flow method of breath-by-breath gas exchange measurement. Koga S, et al. **Ann Physiol Anthropol** 1984 Oct;3(4):283-9

Pulmonary regional ventilation. C15O2 single breath method. New technical improvements. Garzaniti N, et al. **Arch Int Physiol Biochim** 1984 Oct;92(3):241-8

Gas exchange. Young I. **Aust NZ J Med** 1984 Oct;14(5 Suppl 3):800-2

Influence of metabolic fuel on the 13C/12C ratio of breath CO2. Schoeller DA, et al. **Biomed Mass Spectrom** 1984 Nov;11(11):557-61

A discrete model of pulmonary gas exchange. Fadali MS, et al. **Biomed Sci Instrum** 1985;21:115-8

Discrete deconvolution of pulmonary inert-gas elimination data. Poon CS, et al. **Biomed Sci Instrum** 1985;21:119-25

Gas exchange and haemodynamics during thoracotomy. Werner O, et al. **Br J Anaesth** 1984 Dec;56(12):1343-9

Intrapulmonary shunt is not increased by 100% oxygen ventilation in acute respiratory failure. Lemaire F, et al. **Bull Eur Physiopathol Respir** 1985 May-Jun;21(3):251-6

Lung transfer factor for carbon monoxide measured during a slow single breath without breath-holding and during slow exhalation. Saumon G, et al. **Bull Eur Physiopathol Respir** 1984 Jul-Aug;20(4):353-60

Age specific prediction of maximal oxygen uptake in boys. Cunningham DA, et al. **Can J Appl Sport Sci** 1985 Jun; 10(2):75-80

Submaximal endurance performance related to the ventilation thresholds. McLellan TM, et al. **Can J Appl Sport Sci** 1985 Jun;10(2):81-7

Gas exchange alterations in patients with chronic obstructive lung disease. Marthan R, et al. **Chest** 1985 Apr;87(4):470-5

Respiratory gas exchange in submaximal unsteady state exercise [letter] Rox J, et al. **Chest** 1985 Jun;87(6):843

Gas exchange alterations following pulmonary thromboembolism. D'Alonzo GE, et al. **Clin Chest Med** 1984 Sep;5(3):411-9 (44 ref.)

Data acquisition from a multiplex, quadrupole mass spectrometer. Graham BL, et al. **Clin Phys Physiol Meas** 1985 Feb;6(1):17-25

Gas exchange. Proceedings of an Erik K. Fernström Symposium, April 11-13, 1984, Lund, Sweden. **Clin Physiol** 1985;5 Suppl 3:1-148

The influence of an end-inspiratory pause on gas exchange and central haemodynamics in patients with acute respiratory failure. Baehrendtz S. **Clin Physiol** 1985;5 Suppl 3:93-8

Gas exchange during mechanical ventilation. Carlsson C, et al. **Clin Physiol** 1985;5 Suppl 3:123-6

Mixing of gas within the alveolar space. Cumming G. **Clin Physiol** 1985;5 Suppl 3:33-7

Asynchronous ventilation in the dog: effects on lung blood flow and gas exchange. Frostell C, et al. **Clin Physiol** 1985; 5 Suppl 3:59-64

Gas exchange in chronic pulmonary disease. Wagner PD. **Clin Physiol** 1985;5 Suppl 3:9-17

Ultradian and circadian respiratory rhythms in grouped small laboratory vertebrate species as a method to assess the effects of environmental challenges. Stupfel M, et al. **Comp Biochem Physiol [A]** 1985;80(2):225-31

CO2 elimination as predicted by augmented dispersion and convection in an asymmetrical dog airway model. Watson JW, et al. **Comput Biomed Res** 1985 Jun;18(3):233-43

Microprocessor-based system for on-line analysis of respiratory responses to exercise. el-Dhaher AH, et al. **Comput Programs Biomed** 1985;19(2-3):179-87

A simple computer program for obtaining gas exchange indices [letter] Doyle DJ. **Crit Care Med** 1985 Sep; 13(9):775-6

Effect of chest-tube suction on gas flow through a bronchopleural fistula. Powner DJ, et al. **Crit Care Med** 1985 Feb;13(2):99-101

Measurement of oxygen uptake: a method for use during nitrous oxide in oxygen anaesthesia. Cohen AT, et al. **Eur J Anaesthesiol** 1984 Mar;1(1):63-75

Dissociation between VO2max and ventilatory threshold responses to endurance training. Gaesser GA, et al. **Eur J Applied Physiol** 1984;53(3):242-7

Effects of anesthesia and surgery on pulmonary mechanisms and gas exchange. **Int Anesthesiol Clin** 1984 Winter; 22(4):1-189

Gas exchange. Dueck R. **Int Anesthesiol Clin** 1984 Winter; 22(4):13-28 (29 ref.)

Analytical simulation of longitudinal gas mixing in the human central airways. Ben Jebria A, et al. **Int J Biomed Comput** 1984 Nov-Dec;15(6):405-17

Numerical simulation of pulmonary O2 and CO2 exchange. Sharan M, et al. **Int J Biomed Comput** 1985 Jan;16(1):59-80

Ventilatory and plasma lactate response with different exercise protocols: a comparison of methods. McLellan TM. **Int J Sports Med** 1985 Feb;6(1):30-5

Inspiratory flow effects on mechanically ventilated patients: lung volume, inhomogeneity, and arterial oxygenation. Felton CR, et al. **Intensive Care Med** 1984;10(6):281-6

Decelerating inspiratory flow waveform improves lung mechanics and gas exchange in patients on intermittent positive-pressure ventilation. Al-Saady N, et al. **Intensive Care Med** 1985;11(2):68-75

Alveolar gas exchange during exercise: a single-breath analysis. Allen CJ, et al. **J Appl Physiol** 1984 Dec; 57(6):1704-9

Temporal pattern of pulmonary gas exchange during exercise in ponies. Forster HV, et al. **J Appl Physiol** 1984 Sep; 57(3):760-7

Gas exchange and lactate anaerobic thresholds: inter- and intraevaluator agreement. Gladden LB, et al. **J Appl Physiol** 1985 Jun;58(6):2082-9

Model simulation of single-breath washout of insoluble gases from dog lungs. Hook C, et al. **J Appl Physiol** 1985 Mar; 58(3):802-11

Airway pressures in an asymmetrically branched airway model of the dog respiratory system. Jackson AC, et al. **J Appl Physiol** 1984 Oct;57(4):1223-30

Efficacy of high-frequency ventilation in presence of extensive ventilation-perfusion mismatch. Kaiser KG, et al. **J Appl Physiol** 1985 Mar;58(3):996-1004

Effect of ruminal CO2 on gas exchange and ventilation in the Hereford calf. Kuhlmann WD, et al. **J Appl Physiol** 1985 May;58(5):1481-4

Arterial-alveolar CO2 equilibration in exercising dogs during prolonged rebreathing. Loeppky JA, et al. **J Appl Physiol** 1985 May;58(5):1654-8

Influence of G-suit abdominal bladder inflation on gas exchange during +GZ stress. Modell HI, et al. **J Appl Physiol** 1985 Feb;58(2):506-13

Model of gas transport during high-frequency ventilation. Permutt S, et al. **J Appl Physiol** 1985 Jun;58(6):1956-70

Gas transport and pulmonary perfusion during high-frequency ventilation in humans. Rehder K, et al. **J Appl Physiol** 1984 Oct;57(4):1231-7

Frequency dependence of CO2 elimination and respiratory resistance in monkeys. Watson JW, et al. **J Appl Physiol** 1985 Feb;58(2):653-7

Acute inhalation of cigarette smoke augments hypoxic chemosensitivity in humans. Yamamoto H, et al. **J Appl Physiol** 1985 Mar;58(3):717-23

A mechanical approach to the longitudinal dispersion of gas flowing in human airways. Ben Jebria A. **J Biomech** 1985; 18(5):399-405

Pressure change and gas mixing induced by oscillations in a closed system. Isabey D, et al. **J Biomech Eng** 1985 Feb; 107(1):68-76

Gas transport during oscillatory flow in a network of branching tubes. Kamm RD, et al. **J Biomech Eng** 1984 Nov;106(4):315-20

Oxygen and CO2 transfer of a polypropylene dimpled membrane lung with variable secondary flows. Dorrington KL, et al. **J Biomed Eng** 1985 Apr;7(2):89-99

Regional alveolar pressure during periodic flow. Dual manifestations of gas inertia. Allen JL, et al. **J Clin Invest** 1985 Aug;76(2):620-9

Estimation of changes in alveolar-arterial oxygen gradient induced by hypoxia. Hoffstein V, et al. **J Lab Clin Med** 1984 Nov;104(5):685-92

A microprocessor-based system for measurement of gas exchange. Jaffe MB, et al. **J Med Syst** 1984 Oct;8(5):437-50

Pulmonary resection and gas exchange. Peters RM. **J Thorac Cardiovasc Surg** 1984 Nov;88(5 Pt 2):872-9

Air travel for chronic bronchitics [editorial] **Lancet** 1984 Oct 6;2(8406):792-3

Anaerobic threshold: review of the concept and directions for future research. Davis JA. **Med Sci Sports Exerc** 1985 Feb;17(1):6-21 (85 ref.)

Evaluation of acute cardiorespiratory responses to hydraulic resistance exercise. Katch FI, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):168-73

Misapplication of alveolar gas equation [letter] Carroll GC. **N Engl J Med** 1985 Feb 28;312(9):586

Oxygen affinity of erythrocytes and pulmonary gas exchange in patients on continuous ambulatory peritoneal dialysis. Blumberg A, et al. **Nephron** 1984;38(4):248-52

Ventilatory interaction between oxygen and carbon dioxide in the preterm primate. Guthrie RD, et al. **Pediatr Res** 1985 Jun;19(6):528-33

Biphasic response of respiratory frequency to hypercapnea in preterm infants. Martin RJ, et al. **Pediatr Res** 1985 Aug; 19(8):791-6

Alterations in gas exchange associated with lobar atelectasis in young piglets. Redding GJ, et al. **Pediatr Res** 1985 Jun; 19(6):552-6

Physiology laboratories quantifying gas exchange in health and disease. Olson LE. **Physiologist** 1985 Jun;28(3):170-2

Gas exchange in tidally ventilated and non-steadily perfused lung model. Arieli R, et al. **Respir Physiol** 1985 Jun; 60(3):295-309

Receptive fields of intrapulmonary chemoreceptors in the Pekin duck. Hempleman SC, et al. **Respir Physiol** 1984 Sep;57(3):317-30

Gas exchange analysis of immediate CO2 storage at onset of exercise. Hughson RL, et al. **Respir Physiol** 1985 Mar; 59(3):265-78

Gas exchange during exercise in hypoxic ducks. Kiley JP, et al. **Respir Physiol** 1985 Jan;59(1):105-15

Effect of bias flow rate on gas transport during high-frequency oscillatory ventilation. Solway J, et al. **Respir Physiol** 1985 May;60(2):267-76

The reliability of respiratory quotient measurements. Sotherland PR. **Respir Physiol** 1985 Jun;60(3):387-91

CO2 elimination and airway opening pressure during high frequency oscillation in dogs. Watson JW, et al. **Respir Physiol** 1984 Nov;58(2):235-44

Ventilatory inhomogeneity associated with acute bronchoconstriction in asthmatic patients. Deychakiwsky YA, et al. **Respiration** 1985;47(3):201-8

Assessment of the anaerobic threshold during exercise in normal man by means of the occlusion pressure as compared to conventional noninvasive techniques. Van Meerhaeghe A, et al. **Respiration** 1984;46(4):346-53

Independence of hypoxic death of inspiratory PCO2 in rats and fossorial mole rats. Arieli R, et al. **Undersea Biomed Res** 1984 Sep;11(3):275-85

[Pulmonary gas exchange via the placenta] Iordanov K, et al. **Akush Ginekol (Sofiia)** 1985;24(1):80-8 (56 ref.) **(Bul)**

[Hemodynamics of acute myocardial infarct. V. Ventilatory and respiratory function] Stejfa M, et al. **Vnitr Lek** 1984 Oct;30(10):1020-6 (Eng. Abstr.) **(Cze)**

[Effect of artificial ventilation with an end-expiratory plateau on gas exchange amd hemodynamics in chronic respiratory failure] Battistella P, et al. **Bull Eur Physiopathol Respir** 1985 May-Jun;21(3):243-50 (Eng. Abstr.) **(Fre)**

[Pulmonary oxygen transfer under a respirator in anesthesia and resuscitation] Gay R, et al. **Bull Eur Physiopathol Respir** 1985 May-Jun;21(3):257-61 (Eng. Abstr.) **(Fre)**

[The inert gas method in respiratory physiopathology] Guenard H, et al. **Rev Mal Respir** 1985;2(1):3-9 (Eng. Abstr.) **(Fre)**

[Steady-state carbon monoxide transfer during progressive muscular exercise in patients. Relation to PaO2. Value of specific VCO] Bréant J, et al. **Rev Pneumol Clin** 1985; 41(2):121-8 (Eng. Abstr.) **(Fre)**

[Changes in respiratory mechanics and disorders of gas exchange in chronic obstructive pulmonary disease] Marsico SA, et al. **Arch Monaldi** 1984 Jul-Aug; 39(4):253-66 (Eng. Abstr.) **(Ita)**

[Spirometry gated 133Xe ventilation imaging and phase analysis for assessment of regional lung function] Inoue T. **Kaku Igaku** 1984 Oct;21(10):1237-65 (Eng. Abstr.) **(Jpn)**

[Blood-gas equilibration of CO2 in the lung during rebreathing] Kawashiro T. **Kokyu To Junkan** 1985 Jan; 33(1):5-15 **(Jpn)**

[Study on pulmonary gas exchange indices by computer simulation] Kuribayashi K, et al. **Masui** 1984 Sep; 33(9):959-63 (Eng. Abstr.) **(Jpn)**

[Frequency analysis of CO2 regulation of the respiratory system; relationship between end-tidal and sinusoidally varying inspired CO2] Matsushita F. **Masui** 1985 Jan; 34(1):51-8 (Eng. Abstr.) **(Jpn)**

[Comparison of nozzles placed proximally and distally in the airway for high frequency jet ventilation] Tanoue T, et al. **Masui** 1984 Jun;33(6):647-52 (Eng. Abstr.) **(Jpn)**

[Effect of varying FIO2 on pulmonary oxygenation indices—a computer simulation applied to well-known lung models] Toyooka H, et al. **Masui** 1985 Feb;34(2):180-8 (Eng. Abstr.) **(Jpn)**

[An investigation on availability of pulmonary oxygenation index in pathologic lung by computer simulation] Ueno O, et al. **Masui** 1984 Nov;33(11):1230-5 (Eng. Abstr.) **(Jpn)**

[Imaging diagnosis of gas exchange in patients with lung cancer. Evaluation of regional ventilation and perfusion with functional imaging] Suematsu T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Apr 25; 45(4):630-40 (Eng. Abstr.) **(Jpn)**

[Estimation of regional ventilation by Xe-133 washout method—effect of expiratory loading for regional ventilation in patients with chronic pulmonary emphysema] Ikeda H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Oct;22(10):868-79 (Eng. Abstr.) **(Jpn)**

[Clinical significance of arterial and end-tidal carbon dioxide tension difference (a-ETDCO2) in pulmonary gas exchange] Naito M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 May; 22(5):357-62 (Eng. Abstr.) **(Jpn)**

[Descent gradient of maximal expiratory flow-volume curve and uneven distribution of ventilation] Uzawa T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar; 23(3):355-62 (Eng. Abstr.) **(Jpn)**

[Capnographic curves in cigarette smokers] Scieszka J. **Pneumonol Pol** 1984 Aug;52(8):371-6 (Eng. Abstr.) **(Pol)**

[Effect of positive expiratory pressure on gas exchange in dogs with pulmonary edema due to increase of microvascular permeability] Fernandes AL, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Mar-Apr; 39(2):57-62 (Eng. Abstr.) **(Por)**

[Interrelation of cardiodynamics and pulmonary gas exchange in an experimental model of the acute respiratory failure syndrome] Rogatskiĭ GG. **Biull Eksp Biol Med** 1984 Sep;98(9):273-5 (Eng. Abstr.) **(Rus)**

[Dynamics of external respiration and gas exchange in combined body exposure to hypoxia and hypercapnia] Agadzhanian NA, et al. **Fiziol Cheloveka** 1984 Jul-Aug; 10(4):610-6 **(Rus)**

[External respiration, gas exchange and blood oxygen parameters in acute methemoglobinemia] Seredenko MM, et al. **Fiziol Zh** 1985 May-Jun;31(3):262-6 (Eng. Abstr.) **(Rus)**

[Changes in the indices of external respiration, gas exchange and the oxygen-transporting function of the blood in chronic methemoglobinemia] Sidoriak NG. **Fiziol Zh** 1985 Jan-Feb;31(1):76-9 **(Rus)**

[Hemo- and gas dynamic effects of artificial ventilation of the lungs] Dvoretskiĭ DP, et al. **Fiziol Zh SSSR** 1984 Dec; 70(12):1666-72 (Eng. Abstr.) **(Rus)**

[Ventilation and gas exchange after delayed autograft of the lung and its preservation for 24 hours] Rabinovich IuIa, et al. **Grudn Khir** 1985 Mar-Apr;(2):29-33 (Eng. Abstr.) **(Rus)**

[External respiration, pulmonary gas exchange and energy expenditure in weightlessness] Kas'ian II, et al. **Kosm Biol Aviakosm Med** 1984 Nov-Dec;18(6):4-9 (21 ref.) (Eng. Abstr.) **(Rus)**

[Methods of measuring the parameters of external respiration and gas exchange in rhesus monkeys] Korol'kov VI, et al. **Kosm Biol Aviakosm Med** 1985 Jan-Feb;19(1):80-2 **(Rus)**

[Effect of 120-day antiorthostatic hypokinesia on gas exchange and pulmonary circulation in humans] Vorob'ev VE, et al. **Kosm Biol Aviakosm Med** 1984 Sep-Oct; 18(5):23-6 (Eng. Abstr.) **(Rus)**

[Mechanisms of blood oxygenation disorders in the lungs and their correction] Seredenko MM, et al. **Patol Fiziol Eksp Ter** 1984 Jul-Aug;(4):70-2 (Eng. Abstr.) **(Rus)**

[Changes in external respiration and gas exchange in cats during hyperthermia] Tashliev VA, et al. **Patol Fiziol Eksp Ter** 1984 Nov-Dec;(6):62-5 (Eng. Abstr.) **(Rus)**

[Role of the obstruction of small bronchi in the pathogenesis of disorders of pulmonary gas exchange in patients with tuberculosis] Evfim'evskiĭ VP, et al. **Probl Tuberk** 1985; (2):18-23 (Eng. Abstr.) **(Rus)**

[Ventilation and gas exchange in the lungs during physical exertion in patients following the correction of mitral stenosis] Volovoĭ VL, et al. **Ter Arkh** 1985;57(4):122-5 (Eng. Abstr.) **(Rus)**

[Respiratory function studies. II. Pulmonary gas exchange (letter)] Oyarzún Gómez M. **Rev Med Chil** 1984 May; 112(5):497-8 **(Spa)**

DRUG EFFECTS

Effects of hydralazine on hemodynamics, ventilation, and gas exchange in patients with chronic obstructive pulmonary disease and pulmonary hypertension. Keller CA, et al. **Am Rev Respir Dis** 1984 Oct;130(4):606-11

Deleterious effect of nifedipine on pulmonary gas exchange in chronic obstructive pulmonary disease. Melot C, et al. **Am Rev Respir Dis** 1984 Oct;130(4):612-6

Gas exchange responses to bronchodilators following methacholine challenge in dogs. Rodriguez-Roisin R, et al. **Am Rev Respir Dis** 1984 Oct;130(4):617-26

Effect of dopamine infusion on pulmonary gas exchange in lambs. Truog WE, et al. **Biol Neonate** 1984;46(5):220-8

Beta 1-selective and non-selective beta-adrenoceptor blockade, anaerobic threshold and respiratory gas exchange during exercise. McLeod AA, et al. **Br J Clin Pharmacol** 1985 Jan;19(1):13-20

Acute effects of almitrine infusion on pulmonary haemodynamics in normal man. Gluskowski J, et al. **Bull Eur Physiopathol Respir** 1984 Jul-Aug;20(4):313-7

Effects of the calcium antagonist tiapamil on pulmonary gas exchange in patients with chronic obstructive pulmonary disease who receive salbutamol. Gugger M, et al. **Clin Pharmacol Ther** 1985 Jul;38(1):96-100

Effect of endoscopic variceal sclerotherapy on gas exchange and hemodynamics in humans. Bailey-Newton RS, et al. **Gastroenterology** 1985 Aug;89(2):368-73

Direct effects of nitroprusside do not alter gas exchange in canine oleic acid edema. Angle M, et al. **J Appl Physiol** 1984 Nov;57(5):1498-501

Effects of increasing metabolism by 2,4-dinitrophenol on respiration and pulmonary gas exchange in the duck. Geiser J, et al. **Respir Physiol** 1984 Jul;57(1):1-14

Effect of medroxyprogesterone on ventilatory control and pulmonary gas exchange in chronic obstructive patients. Delaunois L, et al. **Respiration** 1985;47(2):107-13

[Influence of almitrine dimesylate on gas exchange. Preliminary results in patients with chronic obstructive bronchopneumopathies under artificial ventilation] Castaing Y, et al. **Presse Med** 1984 Oct 4;13(34):2078-82 (Eng. Abstr.) **(Fre)**

[Pulmonary hemodynamic monitoring in chronic respiratory insufficiency treated with almitrine bismesilate for 4 months in a double-blind study] Bourgouin-Karaouni D, et al. **Rev Mal Respir** 1984;1(4):245-50 (Eng. Abstr.) **(Fre)**

[Hemodynamic and respiratory effects of phentolamine in pulmonary hypertension secondary to chronic obstructive syndrome] Domenighetti G, et al. **Schweiz Med Wochenschr** 1985 Jan 19;115(3):99-103 (Eng. Abstr.) **(Fre)**

[Isoflurane and total oxygen consumption in spontaneously breathing dogs in basal metabolic conditions] Samodelov LF, et al. **Anaesthesist** 1985 Apr;34(4):184-90 (Eng. Abstr.) **(Ger)**

[Effect of obzidan on the indices of gas exchange and the sympathetic-adrenal system in ischemic heart disease patients with different types of circulation] Katsenovich RA, et al. **Ter Arkh** 1984;56(9):51-3 (Eng. Abstr.) **(Rus)**

INSTRUMENTATION

Accuracy of the metabolic gas monitor [letter] Norton AC. **Crit Care Med** 1985 Jan;13(1):61

PULMONARY HEART DISEASE

[Chronic cor pulmonale] Carratù L, et al. **Arch Monaldi** 1984 May-Jun;39(3):203-18 (Eng. Abstr.) **(Ita)**

BLOOD

[Blood lactate in chronic obstructive pulmonary disease with chronic cor pulmonale] Gu YW, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Jan;24(1):20-2, 62 (Eng. Abstr.) **(Chi)**

[Cyclic nucleotides and cell-mediated immunity in chronic cor pulmonale] Wu J. **Chung Hua Nei Ko Tsa Chih** 1984 May;23(5):264-6 (Eng. Abstr.) **(Chi)**

[Chronic cor pulmonale and hypomagnesemia] Wu NC. **Chung Hua Nei Ko Tsa Chih** 1984 May;23(5):261-3 (Eng. Abstr.) **(Chi)**

CHEMICALLY INDUCED

Effect of methylprednisolone on monocrotaline-induced pulmonary vascular disease and right ventricular hypertrophy. Langleben D, et al. **Lab Invest** 1985 Mar; 52(3):298-303

COMPLICATIONS

Thallium-201 scintigraphic visualization at rest of a dilated and hypertrophied right ventricle in a patient with sarcoidosis complicated by cor pulmonale. Shih WJ, et al. **Clin Nucl Med** 1985 Jun;10(6):422-3

[Pulmonary thrombosis and embolism in cor pulmonale caused by chronic obstructive pulmonary disease] Cheng XS. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Apr;7(2):78-9 (Eng. Abstr.) **(Chi)**

[Acute hemorrhagic necrotic pancreatitis complicating cor pulmonale] Chen WB, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Mar;24(3):136-8, 188 (Eng. Abstr.) **(Chi)**

[Hypertensive crises of the lesser circulation in patients with chronic or pulmonale] Berezhnitskiĭ MN. **Vrach Delo** 1984 Sep;(9):73-5 **(Rus)**

[Prolonged oxygen therapy of inpatients with chronic respiratory insufficiency] Mayer M. **Bratisl Lek Listy** 1984 Sep;82(3):1094-103 (Eng. Abstr.) **(Slo)**

DIAGNOSIS

Assessment of right heart hemodynamics by contrast echocardiography. Santoso T, et al. **Int J Cardiol** 1984 Sep; 6(3):307-17

Q/R ratio in lead a VR--diagnostic of RVH of chronic cor pulmonale. Mittal SR, et al. **J Assoc Physicians India** 1984 May;32(5):430-1

[Research on the value of EPV1 in the diagnosis of chronic cor pulmonale] Pan ZY. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Dec;7(6):330-2, 381 (Eng. Abstr.) **(Chi)**

[The value of impedance rheopneumography in the diagnosis of chronic cor pulmonale] Gao WK. **Chung Hua Nei Ko Tsa Chih** 1984 Jun;23(6):345-8, 397 (Eng. Abstr.) **(Chi)**

[Differential diagnosis of primary dilated cardiomyopathy and chronic cor pulmonale complicated with coronary heart disease] Ji SG. **Chung Hua Nei Ko Tsa Chih** 1984 May;23(5):267-9 (Eng. Abstr.) **(Chi)**

[An overlooked electrocardiographic sign of acute embolic cor pulmonale: elevation of the ST segment in right precordial leads] Grand A, et al. **Ann Cardiol Angeiol (Paris)** 1985 May;34(5):361-2 (Eng. Abstr.) **(Fre)**

[Chronic cor pulmonale from the echocardiographic viewpoint] Zenker G, et al. **Ultraschall Med** 1985 Jun; 6(3):156-9 (Eng. Abstr.) **(Ger)**

[Indices of left ventricular involvement in chronic cor pulmonale] Anghel S, et al. **Rev Med Interna [Med Interna]** 1985 Mar-Apr;37(2):165-9 (Eng. Abstr.) **(Rum)**

[Value of electrocardiographic and vectorcardiographic diagnosis in chronic cor pulmonale] Dudea C, et al. **Rev Med Interna [Med Interna]** 1985 Mar-Apr;37(2):145-51 (Eng. Abstr.) **(Rum)**

[Electrocardiographic criteria of myocardial hyperfunction in the right segment of the heart] Khadartsev AA, et al. **Klin Med (Mosk)** 1984 Aug;62(8):38-41 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Effect of long-term administration of digoxin on exercise performance in chronic airflow obstruction. Mathur PN, et al. **Eur J Respir Dis** 1985 Apr;66(4):273-83

[Preliminary study on the acute phase of cor pulmonale with main phlegm-resolving method with cold properties and determination of the treatment based on different symptom complexes--an analysis of 240 cases] Xu JZ. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):226-8, 196 (Eng. Abstr.) **(Chi)**

[Effect of alpha-tocopherol on thrombocyte aggregation activity in chronic cor pulmonale patients] Sakharchuk II, et al. **Vrach Delo** 1984 Aug;(8):41-3 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Idiopathic pulmonary arterial trunk aneurysm presenting as cor pulmonale: report of a case. Chiu B, et al. **Hum Pathol** 1985 Sep;16(9):947-9

Micrognathia, obstructive sleep apnoea and cor pulmonale--a case for tracheostomy. Khan MI. **S Afr Med J** 1985 Jan 19;67(3):99-100

[Acute bilharzial cor pulmonale due to Schistosoma mansoni] Touze JE, et al. **Bull Soc Pathol Exot Filiales** 1984; 77(5):666-72 (Eng. Abstr.) **(Fre)**

[Chronic cor pulmonale caused by hypertrophy of Waldeyer's lymphatic ring in an achondroplasic subject] Cortese M, et al. **Minerva Pediatr** 1985 May 15;37(9):331-3 (Eng. Abstr.) **(Ita)**

[Effect of respiratory disorders during sleep on the pathogenesis of cor pulmonale] Zieliński J. **Pol Arch Med Wewn** 1984 Dec;72(6):281-5 **(Pol)**

[Significance of progesterone in the pathogenesis and treatment of pulmonary hypertension and cardiopulmonary failure] Pribylova NN, et al. **Ter Arkh** 1984;56(9):94-7 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

[Increase in complements in patients with cor pulmonale in remission treated by combined traditional Chinese and western medicine] Li TQ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 May;4(5):270-2 (Eng. Abstr.) **(Chi)**

[Studies on the effect of 'yi qi huo xue' and 'hu zheng gu ben' on the immunologic functions in patients with cor pulmonale] Zhang DS. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):340-1, 348 (Eng. Abstr.) **(Chi)**

[Dynamics of serum complement in patients with pulmonary heart disease] Li TQ. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Apr;7(2):85-6 (Eng. Abstr.) **(Chi)**

METABOLISM

[Anion gap and its clinical application in chronic cor pulmonale] Zhang LJ. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Oct;7(5):288-90 (Eng. Abstr.) **(Chi)**

[Diagnosis of chronic respiratory acidosis complicated by metabolic acid-base dysequilibrium in cor pulmonale--blood gas analysis of 1,009 cases] Qian GS. **Chung Hua Nei Ko Tsa Chih** 1984 May;23(5):257-60 (Eng. Abstr.) **(Chi)**

MICROBIOLOGY

[Sputum organisms in patients with chronic cor pulmonale over an 11-year period] Cheng XS. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Oct;7(5):285-7 (Eng. Abstr.) **(Chi)**

MORTALITY

[A ten-year follow-up of chronic emphysema and cor pulmonale in the Shushan Commune in Hefei] Lu ZW. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Jun;7(3):132-3, 190 (Eng. Abstr.) **(Chi)**

[Comparative analysis of the causes of death in patients with pulmonary tuberculosis and chronic alcoholism subjected to surgical treatment and those not operated on] Zaĭtsev IuA. **Probl Tuberk** 1984 Jul;(7):71-2 **(Rus)**

NURSING

[Early signs of pulmonary encephalopathy and patient care] Ni SY. **Chung Hua Hu Li Tsa Chih** 1985 Jun;20(3):129-30 **(Chi)**

PATHOLOGY

[The pathogenesis of experimental plexiform lesions in the pulmonary artery in the rabbit] Mao YX, et al. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Dec;7(6):321-4, 381 (Eng. Abstr.) **(Chi)**

[Histological changes in the atrioventricular node, bundle and upper bundle branches of the heart from 20 cases of chronic cor pulmonale] Ruan YM. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1985 Apr;8(2):85-8, 126 (Eng. Abstr.) **(Chi)**

[Left ventricular hypertrophy of experimental cor pulmonale in the rabbit] Yu QT, et al. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Dec;7(6):325–6, 381 (Eng. Abstr.) (Chi)

[Postembolic pulmonary artery hypertension. Necropsy study of 41 cases] Chomette G, et al. **Arch Anat Cytol Pathol** 1984;32(5):261–4 (Eng. Abstr.) (Fre)

[Pulmonary arteriopathy in patients with chronic obstructive bronchopneumopathy (histopathological and morphometric aspects)] Taşcă C, et al. **Rev Med Interna [Med Interna]** 1985 Mar–Apr;37(2):153–64 (Eng. Abstr.) (Rum)

PHYSIOPATHOLOGY

Effect of vasodilators at rest and during exercise in young adults with cystic fibrosis and chronic cor pulmonale. Geggel RL, et al. **Am Rev Respir Dis** 1985 Apr; 131(4):531–6

Hemodynamic effect of hydralazine in interstitial lung disease patients with cor pulmonale. Immediate and short-term evaluation at rest and during exercise. Lupi-Herrera E, et al. **Chest** 1985 May;87(5):564–73

[Interrelation between pulmonary function testing, pulmonary arterial pressure and clinical patterns in chronic bronchitis and emphysema with or without cor pulmonale] Lu FY. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Dec;7(6):327–9, 381 (Eng. Abstr.) (Chi)

[Diagnostic value of pulmonary function testing in cor pulmonale] Tao JJ. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1985 Feb;8(1):47–50, 63 (Eng. Abstr.) (Chi)

[Thyroid function in chronic cor pulmonale] Tan XH. **Chung Hua Nei Ko Tsa Chih** 1984 May;23(5):270–2 (Eng. Abstr.) (Chi)

[Increased myocardial refractoriness explaining the rarity of reentry arrhythmias in chronic cor pulmonale] Cotoi S, et al. **Rev Med Interna [Med Interna]** 1985 Mar–Apr; 37(2):139–44 (Eng. Abstr.) (Rum)

PREVENTION & CONTROL

[Prevention and rehabilitation of patients with cardio-pulmonary insufficiency] Berezhnitskiĭ MN. **Vrach Delo** 1985 Jan;(1):74–8 (Rus)

RADIOGRAPHY

[X-ray evaluation of the right hilar vessels and its clinical significance] Li TY. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1985 Mar; 13(1):42–4 (Chi)

THERAPY

Domiciliary oxygen therapy. Ruffin RE, et al. **Med J Aust** 1985 Apr 29;142(9):510–2

[Experiences with oxygen therapy in respiratory failure patients with chronic pulmonary heart disease] Ni ZY. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Jun;7(3):170–2, 192 (Eng. Abstr.) (Chi)

[Ten-year study on the treatment of chronic cor pulmonale with therapeutic exercise] Yang Y. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Jun;7(3):134–6, 190 (Eng. Abstr.) (Chi)

[Hyperbaric oxygenation in the therapy of pulmonary circulatory disorders in patients with acquired heart defects] Kun IS, et al. **Klin Med (Mosk)** 1984 Nov; 62(11):84–7 (Rus)

[Treatment of patients with cardiopulmonary insufficiency (review of the literature)] Berezhnitskiĭ MN, et al. **Vrach Delo** 1985 Feb;(2):57–61 (63 ref.) (Rus)

[Immediate effects of nifedipine and oxygen in acute episodes of chronic cor pulmonale] Santos Bouza AA, et al. **Med Clin (Barc)** 1985 Feb 9;84(5):176–80 (Eng. Abstr.) (Spa)

VETERINARY

Cor pulmonale and cardiac failure in a skunk. Hobbs BA, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1438–9

PULMONARY NEOPLASMS see **LUNG NEOPLASMS**

PULMONARY NODULE, SOLITARY see **COIN LESION, PULMONARY**

PULMONARY SEQUESTRATION see **BRONCHOPULMONARY SEQUESTRATION**

PULMONARY STENOSIS see **PULMONARY VALVE STENOSIS**

PULMONARY STRETCH RECEPTORS see under **MECHANORECEPTORS**

PULMONARY SUBVALVULAR STENOSIS see under **IDIOPATHIC HYPERTROPHIC SUBVALVULAR STENOSIS**

PULMONARY SURFACTANT

Interaction of carbohydrates with dry dipalmitoylphosphatidylcholine. Crowe LM, et al. **Arch Biochem Biophys** 1985 Jan;236(1):289–96

Determination of ethanol partition coefficients to the interior and the surface of dipalmityl-phosphatidylcholine liposomes using deuterium nuclear magnetic resonance spectroscopy. Kreishman GP, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):301–5

Modulation of sarcoplasmic reticulum Ca2+-pump activity by membrane fluidity. Almeida LM, et al. **Biochemistry** 1984 Sep 25;23(20):4714–20

Ion selectivity of temperature-induced and electric field induced pores in dipalmitoylphosphatidylcholine vesicles. el-Mashak EM, et al. **Biochemistry** 1985 Jun 4; 24(12):2884–8

Effects of anesthetic and nonanesthetic steroids on dipalmitoylphosphatidylcholine liposomes: a calorimetric and Raman spectroscopic investigation. O'Leary TJ, et al. **Biochemistry** 1984 Sep 25;23(20):4636–41

Electron spin resonance and steady-state fluorescence polarization studies of lipid bilayers containing integral proteins. Pink DA, et al. **Biochemistry** 1984 Aug 28; 23(18):4051–8

Comparative study of the gel phases of ether- and ester-linked phosphatidylcholines. Ruocco MJ, et al. **Biochemistry** 1985 May 7;24(10):2406–11

Phospholipids chiral at phosphorus. Properties of small unilamellar vesicles of chiral thiophosphatidylcholine. Tsai TC, et al. **Biochemistry** 1984 Nov 6;23(23):5564–70

Location and mobility of ubiquinones of different chain lengths in artificial membrane vesicles. Ulrich EL, et al. **Biochemistry** 1985 May 7;24(10):2501–8

The effect of pressure on the lipid microviscosity and phase transition of lung surfactant. Barkai G, et al. **Biochim Biophys Acta** 1985 Mar 27;834(1):103–9

Semi-empirical conformational analysis of propranolol interacting with dipalmitoylphosphatidylcholine. Brasseur R, et al. **Biochim Biophys Acta** 1985 May 28;815(3):341–50

Liposomes of dipalmitoylphosphatidylcholine associate with natural surfactant. Ikegami M, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):352–9

Thermotropic behavior of binary mixtures of dipalmitoylphosphatidylcholine and glycosphingolipids in aqueous dispersions. Maggio B, et al. **Biochim Biophys Acta** 1985 Aug 8;818(1):1–12

Raman spectroscopic study of an interdigitated lipid bilayer. Dipalmitoylphosphatidylcholine dispersed in glycerol. O'Leary TJ, et al. **Biochim Biophys Acta** 1984 Oct 3; 776(2):185–9

Atypical Langmuir adsorption of inhalation anesthetics on phospholipid monolayer at various compressional states: difference between alkane-type and ether-type anesthetics. Suezaki Y, et al. **Biochim Biophys Acta** 1985 Jul 11; 817(1):139–46

Calcium interactions in pulmonary surfactant. Weber MJ, et al. **Biochim Biophys Acta** 1984 Oct 24;796(1):83–91

Studies on human fibronectin and liposomal encapsulated forms in rats and rabbits. Michelson AM, et al. **Biochimie** 1984 Jun;66(6):437–44

Effect of orientational order on the decay of the fluorescence anisotropy in membrane suspensions. Experimental verification on unilamellar vesicles and lipid/alpha-lactalbumin complexes. Ameloot M, et al. **Biophys J** 1984 Oct;46(4):525–39

Raman spectroscopic study of the interaction of poly-L-lysine with dipalmitoylphosphatidylglycerol bilayers. Carrier D, et al. **Biophys J** 1984 Oct;46(4):497–506

Thermodynamics of phospholipid-sucrose interactions. Chowdhry BZ, et al. **Biophys J** 1984 Sep;46(3):419–22

Direct determination of the calcium profile structure for dipalmitoyllecithin multilayers using neutron diffraction. Herbette L, et al. **Biophys J** 1984 Dec;46(6):677–85

Pressure effect on the rate of crystalline phase formation of L-alpha-dipalmitoylphosphatidylcholines in multilamellar dispersions. Wu WG, et al. **Biophys J** 1985 Feb;47(2 Pt 1):237–42

Molecular packing in steroid-lecithin monolayers. IV. Mixed films of epicoprostanol with dipalmitoyl phosphatidylcholine. Cadenhead DA, et al. **Can J Biochem Cell Biol** 1984 Aug;62(8):732–7

Dipalmitoylphosphatidylcholine-palmitic acid phase diagram studied by 13C nuclear magnetic resonance. Kohn AB, et al. **Chem Phys Lipids** 1985 May;37(2):143–53

Elimination or rescue of cells in culture by specifically targeted liposomes containing methotrexate or formyl-tetrahydrofolate. Machy P, et al. **EMBO J** 1984 Sep;3(9):1971–7

Fluorescence decay of pyrene in small and large unilamellar L, alpha-dipalmitoylphosphatidylcholine vesicles above and below the phase transition temperature. Daems D, et al. **Eur Biophys J** 1985;12(2):97–105

Morphology of the bronchial lining layer and its alteration in IRDS, ARDS and COLD. Morgenroth K. **Eur J Respir Dis [Suppl]** 1985;142:7–18

Apolar interaction of alpha-chymotrypsin with dimyristoyl phosphatidylcholine vesicles. Oshima G. **J Biochem (Tokyo)** 1984 Sep;96(3):713–9

Utilization of heavy-atom effect quenching of pyrene fluorescence to determine the intramembrane distribution of halothane. Washington K, et al. **Photochem Photobiol** 1984 Dec;40(6):693–701

Surface pressure hysteresis of mixed lipid/protein monolayers. applications to the alveolar dynamics. Mutafchieva R, et al. **Z Naturforsch [C]** 1984 Sep–Oct; 39(9–10):965–72

[The surfactant system of the lung. I. Morphology, structure and function of the surfactant system in man and animal—our findings and a review of the literature] Kaup FJ, et al. **Berl Munch Tierarztl Wochenschr** 1985 Mar 1; 98(3):73–80 (105 ref.) (Eng. Abstr.) (Ger)

ADMINISTRATION & DOSAGE

Single versus repetitive doses of natural surfactant as treatment of respiratory distress syndrome in premature lambs. Walther FJ, et al. **Pediatr Res** 1985 Feb;19(2):224–7

Prevention of neonatal respiratory distress syndrome by tracheal instillation of surfactant: a randomized clinical trial. Enhorning G, et al. **Pediatrics** 1985 Aug;76(2):145–53

[Liposome phospholipid substitution and lung function in surfactant deprived rats] Obladen M. **Klin Padiatr** 1985 Mar–Apr;197(2):152–4 (Eng. Abstr.) (Ger)

ANALOGS & DERIVATIVES

Phospholipids chiral at phosphorus. Use of chiral thiophosphatidylcholine to study the metal-binding properties of bee venom phospholipase A2. Tsai TC, et al. **Biochemistry** 1985 Jun 18;24(13):3180–8

Phospholipids chiral at phosphorus. Properties of small unilamellar vesicles of chiral thiophosphatidylcholine. Tsai TC, et al. **Biochemistry** 1984 Nov 6;23(23):5564–70

Ca2+-induced phase separation in black lipid membranes and its effect on the transport of a hydrophobic ion. Miller A, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):221–9

[Synthesis and use of thiophosphatidylcholine in 31P-NMR study of membranes] Chupin VV, et al. **Bioorg Khim** 1984 Jul;10(7):970–4 (Eng. Abstr.) (Rus)

ANALYSIS

Premature preference [letter] Egberts J. **Am J Clin Pathol** 1985 Sep;84(3):411

Reliability of amniotic fluid surfactant measurements. Statland BE, et al. **Am J Clin Pathol** 1985 Mar;83(3):382–4

Theoretical effects of amniotic fluid volume changes on surfactant concentration measurements. Nelson GH, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):870–8

Phospholipids in tracheal effluent from infants with severe respiratory distress syndrome. Bose CL, et al. **Am J Perinatol** 1984 Apr;1(3):208–13

Histological preservation and ultrastructure of alveolar surfactant. Gil J. **Annu Rev Physiol** 1985;47:753–63 (44 ref.)

Composition and metabolism of the apolipoproteins of pulmonary surfactant. King RJ. **Annu Rev Physiol** 1985; 47:775–88 (48 ref.)

Demonstration of surfactant phospholipids in frozen sections of the lung. Chieco P, et al. **Basic Appl Histochem** 1985; 29(2):149–60

Occurrence of glyceryl ethers in the phosphatidylcholine fraction of surfactant from dog lungs. Kumar R, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):19–26

An electrophoretic and immunochemical characterization of human surfactant-associated proteins. Phelps DS, et al. **Biochim Biophys Acta** 1984 Dec 7;791(2):226–38

Intracellular and oligomeric forms of surfactant-associated apolipoproteins(s) A in the rat. Weaver TE, et al. **Biochim Biophys Acta** 1985 Mar 1;827(3):260–7

Protein composition of rabbit alveolar surfactant subfractions. Wright JR, et al. **Biochim Biophys Acta** 1984 Dec 21; 791(3):320–32

Sclerosing hemangioma of the lung. Immunohistochemical characterization of its origin as related to surfactant apoprotein. Nagata N, et al. **Cancer** 1985 Jan 1;55(1):116–23

Monomolecular surface film and tubular myelin figures of the pulmonary surfactant in hamster lung. Nakamura H, et al. **Cell Tissue Res** 1985;241(3):523–8

A new technique for studying the relationship between maternal diabetes and the sialic acid content of fetal pulmonary surfactant. Delahunty T. **Clin Chem** 1984 Nov; 30(11):1851–3

Localization of pulmonary surfactant protein during mouse lung development. Jaskoll TF, et al. **Dev Biol** 1984 Nov; 106(1):256–61

Surfactants identified in lung lymph and their ability to act as abhesives. Hills BA, et al. **J Appl Physiol** 1985 Feb; 58(2):514–20

Identification of canine pulmonary surfactant-associated glycoprotein A precursors. Weaver TE, et al. **J Appl Physiol** 1985 Jun;58(6):2091-5

Secretory proteins of the lung in rodents: immunocytochemistry. Singh G, et al. **J Histochem Cytochem** 1985 Jun;33(6):564–8

Pulmonary lavage as a source of human surfactant. Sherman JM, et al. **J Pediatr** 1985 Jan;106(1):126–7

Phospholipid composition of guinea pig lung lavage. Khan AQ, et al. **Lipids** 1985 Jan;20(1):7–10

Composition and surface activity of normal and phosphatidylglycerol-deficient lung surfactant. Hallman M, et al. **Pediatr Res** 1985 Mar;19(3):286–92

Characteristics of human surfactant-associated glycoproteins A. Whitsett JA, et al. **Pediatr Res** 1985 May;19(5):501–8

Responses of mouse lung to irradiation. 1. Alterations in alveolar surfactant after neutrons and X-rays. Ahier RG, et al. **Radiother Oncol** 1985 Jan;3(1):61–8

[Changes in surfactant in ARDS. Effects of PEEP and CPAP on the biochemical composition of surfactant] Piazza L, et al. **Minerva Anestesiol** 1985 Jan–Feb;51(1–2):29–34 (Eng.

Abstr.) **(Ita)**

[Comparative evaluation of the physical methods for studying the pulmonary surfactant system during exposure to acute hypoxia] Belov GV, et al. **Biull Eksp Biol Med** 1985 May; 99(5):542-5 (Eng. Abstr.) **(Rus)**

[Morphoendoscopy comparisons and analysis of bronchoalveolar washings in patients with chronic bronchitis] Shpak OI, et al. **Probl Tuberk** 1984 Dec; (12):53-7 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Developmental aspects of lung lipids. Perelman RH, et al. **Annu Rev Physiol** 1985;47:803-22 (125 ref.)

Synthesis of surfactant lipids in the adult lung. van Golde LM. **Annu Rev Physiol** 1985;47:765-74 (50 ref.)

The choline-depleted type II pneumonocyte. A model for investigating the synthesis of surfactant lipids. Anceschi MM, et al. **Biochem J** 1984 Nov 15;224(1):253-62

Synthesis of surfactant lipids in developing rat lung: studies with isolated alveolar type-II cells. Van Golde LM, et al. **Biochem Soc Trans** 1985 Feb;13(1):86-9

Regulation and location of phosphatidylglycerol and phosphatidylinositol synthesis in type II cells isolated from fetal rat lung. Batenburg JJ, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):17-24

Sex differences in avian embryo pulmonary surfactant production: evidence for sex chromosome involvement. Nielsen HC, et al. **Endocrinology** 1985 Jul;117(1):31-7

Pharmacological stimulation of surfactant secretion and surfactant replacement. Robertson B. **Eur J Respir Dis [Suppl]** 1985;142:63-70

Synthesis of surfactant lipids in the adult and fetal lung: pathways and regulatory aspects. van Golde LM. **Eur J Respir Dis [Suppl]** 1985;142:19-28

Synthesis of lung surfactant-associated glycoproteins by A549 cells: description of an in vitro model for human type II cell dysfunction. Balis JU, et al. **Exp Lung Res** 1984;6(3-4):197-213

The sex difference in type II cell surfactant synthesis originates in the fibroblast in vitro. Torday JS. **Exp Lung Res** 1984;7(3-4):187-94

Induction of lamellar bodies synthesis by corticosteroids in first trimester human fetal lungs. Zsolnai B, et al. **Ginekol Pol** 1984 Jun;55(6):38[illegible]-92

Toxicology of nickel. Camner P, et al. **IARC Sci Publ** 1984; (53):267-76

Biosynthesis and in vitro translation of the major surfactant-associated protein from human lung. Floros J, et al. **J Biol Chem** 1985 Jan 10;260(1):495-500

Androgen receptors influence the production of pulmonary surfactant in the testicular feminization mouse fetus. Nielsen HC. **J Clin Invest** 1985 Jul;76(1):177-81

Electron microscopic studies on the lung of the salamander, Hynobius nebulosus: II. Osmiophilic lamellar bodies and alveolar surfactant. Matsumura H. **Okajimas Folia Anat Jpn** 1984 Dec;61(5):371-85

Intrauterine hypercarbia and lamb lung surfactant synthesis. Egberts J, et al. **Respir Physiol** 1984 Aug;57(2):213-23

Thromboxane mediates the increase in alveolar surfactant pool induced by free fatty acid infusion in the rabbit. Oyarzún MJ, et al. **Respiration** 1984;46(2):231-40

[Electron microscopic detection of calcium ions at different stages of normal surfactant formation and during body cooling] Lutsenko MT, et al. **Biull Eksp Biol Med** 1985 May;99(5):629-32 (Eng. Abstr.) **(Rus)**

DEFICIENCY

[Correction of the surfactant system of the lungs (review of the literature)] Berezovskiĭ VA, et al. **Vrach Delo** 1985 Jun;(6):36-9 **(Rus)**

GENETICS

In vitro translation of rat lung surfactant apoprotein mRNA. Katyal SL, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):106-11

IMMUNOLOGY

Human lung lavage surfactant enhances staphylococcal phagocytosis by alveolar macrophages. O'Neill SJ, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1177-9

Monoclonal antibodies against human pulmonary surfactant apoproteins: specificity and application in immunoassay. Kuroki Y, et al. **Biochim Biophys Acta** 1985 Sep 11; 836(2):201-9

Immunologically related multimeric forms of 30-40 kDa peptides associated with lung surfactant in various mammalian species. Shelley SA, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):50-6

ISOLATION & PURIFICATION

Purification of lamellar bodies from human amniotic fluid. Cavalieri RL, et al. **Am J Obstet Gynecol** 1984 Oct 15; 150(4):409-14

Surfactant phospholipids need not be extracted from amniotic fluid [letter] Egberts J. **Clin Chem** 1985 Jan;31(1):171

'Hydrophobic' surfactant apoproteins and augmentation of phospholipid recycling. Claypool WD, et al. **Exp Lung Res** 1984;6(3-4):215-22

Characterization of the extracellular bactericidal factors of rat alveolar lining material. Coonrod JD, et al. **J Clin Invest** 1984 Oct;74(4):1269-79

METABOLISM

Glucocorticoids and beta-adrenergic-receptor agonists: their combined effect on fetal rabbit lung surfactant. Ekelund L, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1063-7

Immunocytochemical localization of the surfactant apoprotein and Clara cell antigen in chemically induced and naturally occurring pulmonary neoplasms of mice. Ward JM, et al. **Am J Pathol** 1985 Mar;118(3):493-9

Intracellular processing of surfactant lipids in the lung. Fisher AB, et al. **Annu Rev Physiol** 1985;47:789-802 (98 ref.)

Apolipoprotein B: removal of lipids by sodium cholate and reassociation of a lipid-free apoprotein with dipalmitoyl phosphatidylcholine. Akimova EI, et al. **Biochem Int** 1984 Oct;9(4):463-73

Thermotropic and dynamic characterization of interactions of acylated alpha-bungarotoxin with phospholipid bilayer membranes. Babbitt B, et al. **Biochemistry** 1984 Aug 14; 23(17):3920-6

Effects of a surfactant-associated protein and calcium ions on the structure and surface activity of lung surfactant lipids. Hawgood S, et al. **Biochemistry** 1985 Jan 1; 24(1):184-90

Reutilization of phosphatidylglycerol and phosphatidylethanolamine by the pulmonary surfactant system in 3-day-old rabbits. Jacobs HC, et al. **Biochim Biophys Acta** 1985 Apr 25;834(2):172-9

Catabolism of rat surfactant disaturated phosphatidylcholines during incubation of alveolar lavage materials in vitro at 37 degrees C. Miles PR, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):39-44

Interaction between Ca2+ and dipalmitoylphosphatidylcholine membranes. I. Transition anomalies of ultrasonic properties. Aruga S, et al. **Biophys Chem** 1985 Mar;21(3-4):265-75

Interaction between Ca2+ and dipalmitoylphosphatidylcholine membranes. II. Fluorescence anisotropy study. Kataoka R, et al. **Biophys Chem** 1985 Mar;21(3-4):277-84

Phosphatidylcholine and 4-methylumbelliferyl phosphorylcholine hydrolysis by purified placental sphingomyelinase. Freeman SJ, et al. **Can J Biochem Cell Biol** 1985 Apr;63(4):272-7

Endobronchial surface active phospholipids in various pulmonary diseases. Hallman M, et al. **Eur J Respir Dis [Suppl]** 1985;142:37-47

Role of apoprotein and calcium ions in surfactant function. Benson BJ, et al. **Exp Lung Res** 1984;6(3-4):223-36

Lung surfactant--phospholipids and apoproteins. Fisher AB, et al. **Exp Lung Res** 1984;6(3-4):171-4

Accumulation of alveolar surfactant following delivery and ventilation of premature lambs. Jacobs H, et al. **Exp Lung Res** 1985;8(2-3):125-40

Structural and ontogenetic relationships of rat lung surfactant apoproteins. Katyal SL, et al. **Exp Lung Res** 1984; 6(3-4):175-89

Lipid-apolipoprotein interactions in surfactant studied by reassembly. King RJ. **Exp Lung Res** 1984;6(3-4):237-53

Alveolar type II cells isolated from fetal rat lung organotypic cultures synthesize and secrete surfactant-associated phospholipids and respond to fibroblast-pneumonocyte factor. Post M, et al. **Exp Lung Res** 1984;7(1):53-65

Detection of organic hydroperoxides in rabbit lung lavage fluid, but not in lung tissue homogenate, using GSH peroxidase and GSH reductase. Seeger W, et al. **J Clin Chem Clin Biochem** 1984 Nov;22(11):711-5

Lung surfactant phospholipids as related to hydration and choline status of fasted rats. Bruno JV, et al. **J Nutr** 1985 Jan;115(1):85-92

Comparison of the effects of betamethasone and L-carnitine on dipalmitoylphosphatidylcholine content and phosphatidylcholine species composition in fetal rat lungs. Lohninger A, et al. **Pediatr Res** 1984 Dec;18(12):1246-52

Dexamethasone stimulation of fetal rat lung antioxidant enzyme activity in parallel with surfactant stimulation. Frank L, et al. **Pediatrics** 1985 Mar;75(3):569-74

Effects of artificial ventilation on surfactant phospholipid metabolism in rabbits. Ennema JJ, et al. **Respir Physiol** 1984 Oct;58(1):15-28

High-frequency oscillation affects surfactant phospholipid metabolism in rabbits. Ennema JJ, et al. **Respir Physiol** 1984 Oct;58(1):29-39

Surfactant kinetics. Jacobs HC. **Semin Perinatol** 1984 Oct; 8(4):258-71 (66 ref.)

[Pulmonary surfactant as an indicator of fetal lung maturity evaluated by physicochemical methods] Miecznikowski A, et al. **Przegl Lek** 1984;41(6):429-31 (Eng. Abstr.) **(Pol)**

[Initiated chemiluminescence of surface-active substances in the lungs and blood serum] Sameliuk BIu, et al. **Fiziol Zh** 1985 Jan-Feb;31(1):79-82 **(Rus)**

[Effect of protease inhibitors on the anti-enzymatic and surface activities of bronchoalveolar contents in infectious-toxic shock] Protsenko VA, et al. **Patol Fiziol Eksp Ter** 1984 Nov-Dec;(6):49-52 (Eng. Abstr.) **(Rus)**

[Phospholipid spectrum of pulmonary surfactant and erythrocyte membranes in pneumonia] Landysheva IV, et al. **Sov Med** 1984;(8):3-6 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Influence of surfactant on mucociliary transport. Allegra L, et al. **Eur J Respir Dis [Suppl]** 1985;142:71-6

Effects of surfactant supplement and end-expiratory pressure in lung-lavaged rabbits. Kobayashi T, et al. **J Appl Physiol** 1984 Oct;57(4):995-1001

Surfactant treatment and ventilation by high frequency oscillation in premature newborn rabbits: effect on survival, lung aeration, and bronchiolar epithelial lesions. Nilsson R, et al. **Pediatr Res** 1985 Jan;19(1):143-7

[Surfactant supplement in lung lavaged dogs] Ueda T. **Masui** 1985 Feb;34(2):194-201 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Shear viscosity of the surfactant from dog lungs. Diaz G, et al. **Arch Biol Med Exp (Santiago)** 1984 Sep;17(1):21-7

Alteration of alveolar surfactant function after exposure to oxidative stress and to oxygenated and native arachidonic acid in vitro. Seeger W, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):58-67

Pulmonary surfactant. Possmayer F, et al. **Can J Biochem Cell Biol** 1984 Nov;62(11):1121-33 (54 ref.)

Structural and functional aspects of protein: phospholipid interactions in surfactant. Benson BJ, et al. **Eur J Respir Dis [Suppl]** 1985;142:29-36

Possible function of bronchial surfactant. Lachmann B. **Eur J Respir Dis [Suppl]** 1985;142:49-61

Endobronchial surface active phospholipids: clinical conclusions. von Wichert P. **Eur J Respir Dis [Suppl]** 1985; 142:77-9

Importance of phospholipids in the bronchi. Widdicombe JG. **Eur J Respir Dis [Suppl]** 1985;142:1-5

Physiological activity of pulmonary surfactant with low protein content: effect of enrichment with synthetic phospholipids. Berggren P, et al. **Exp Lung Res** 1985; 8(1):29-51

Role of surfactant in the alveolus [letter] Hills BA. **J Appl Physiol** 1985 Aug;59(2):660-2

A protein from airways of premature lambs that inhibits surfactant function. Ikegami M, et al. **J Appl Physiol** 1984 Oct;57(4):1134-42

Limitations of Zilversmit approach to analysis of precursor-product relationships. Jones ME, et al. **J Appl Physiol** 1984 Sep;57(3):892-8

Pulmonary surfactant: an interdisciplinary approach. Notter RH, et al. **J Appl Physiol** 1984 Dec;57(6):1613-24 (122 ref.)

Alteration of surfactant function due to protein leakage: special interaction with fibrin monomer. Seeger W, et al. **J Appl Physiol** 1985 Feb;58(2):326-38

Alveolar liquid lining: Langmuir method used to measure surface tension in bovine and canine lung extracts. Hills BA. **J Physiol (Lond)** 1985 Feb;359:65-79

Arguments against and alternatives for an extracellular surfactant layer in the alveoli of mammalian lung. Colacicco G. **J Theor Biol** 1985 Jun 21;114(4):641-56

Alveoli and abnormal surfactant [letter] Morley CJ, et al. **Lancet** 1985 Jun 8;1(8441):1329-30

A bimodal form of alveolar behaviour induced by a defect in lung surfactant--a possible mechanism for sudden infant death syndrome. Talbert DG, et al. **Lancet** 1985 Mar 30; 1(8431):727-8

Lung surfactant replacement in premature lambs with extracted lipids from bovine lung lavage: effects of dose, dispersion technique, and gestational age. Notter RH, et al. **Pediatr Res** 1985 Jun;19(6):569-77

An 'engine' phenomenon displayed by monolayers of a pulmonary surfactant cycled to steady state. Hills BA, et al. **Phys Med Biol** 1984 Nov;29(11):1399-408

Influence of nitrogen, oxygen, air and alveolar gas upon surface tension of lung surfactant. Wildeboer-Venema F. **Respir Physiol** 1984 Oct;58(1):1-14

Surface active material: influence of lung distension and mechanical ventilation on secretion. Truog WE. **Semin Perinatol** 1984 Oct;8(4):300-7 (47 ref.)

[The surfactant system of the lung as a functional unit] von Seefeld H, et al. **Fortschr Med** 1984 Oct 18;102(39):977-81 (35 ref.) (Eng. Abstr.) **(Ger)**

[Pulmonary vascular permeability and surfactant] Horie T, et al. **Kokyu To Junkan** 1985 May;33(5):639-43 **(Jpn)**

[Pulmonary surfactant DPPC and respiratory distress syndrome] Ikeda H, et al. **Nippon Rinsho** 1985 Apr; 43(4):833-41 (29 ref.) **(Jpn)**

[Neuromediator action on surfactant system activity and the functioning area of the lung] Bazarevich GIa, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):261-3 (Eng. Abstr.) **(Rus)**

[Pulmonary surfactant function and the prevention of pulmonary complications in acute surgical pathology complicated by peritonitis] Deĭbuk GD, et al. **Klin Khir** 1985 Jan;(1):14-6 (Eng. Abstr.) **(Rus)**

[Effect of exogenous cholinesterase on the pulmonary surfactant system after massive blood loss] Zeliak VI, et al. **Patol Fiziol Eksp Ter** 1984 Sep-Oct;(5):8-11 (Eng. Abstr.) **(Rus)**

[Possibilities of correcting the function of the pulmonary surfactant system] Berezovskiĭ VA, et al. **Vrach Delo** 1984 Nov;(11):107-10 (Eng. Abstr.) **(Rus)**

SECRETION

Estrogen stimulates formation of lamellar bodies and release of surfactant in the rat fetal lung. Thuresson-Klein A, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):506–14

Inhibition of surfactant release from isolated Type II cells by compound 48/80. Rice WR, et al. **Biochim Biophys Acta** 1984 Nov 13;805(3):261–7

The Clara cell and pulmonary surfactant: a study using selective chemical ablation. Cottrell RC, et al. **Cell Biochem Funct** 1984 Oct;2(4):201–7

[Adrenal epinephrine and the regulation of pulmonary surfactant release in neonatal rabbits. Padbury JF, et al. **Exp Lung Res** 1984;7(3–4):177–86

Role of microtubules in surfactant secretion. Brown LA, et al. **J Appl Physiol** 1985 Jun;58(6):1866–73

Development of beta-adrenergic control of phospholipid secretion in rabbit lung. Corbet AJ, et al. **J Appl Physiol** 1985 Jun;58(6):2011–9

Effects of betamethasone and ritodrine on the fetal secretion of lung surfactant. Hallman M, et al. **J Perinat Med** 1985; 13(1):23–9

Type II cell response to chronic beta adrenergic agonist and antagonist infusions. Young SL, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):271–6

Morphological features of the interaction between mucus and surfactant on the bronchial mucosa. Morgenroth K, et al. **Respiration** 1985;47(3):225–31

THERAPEUTIC USE

Replacement of surfactant in hyaline membrane disease [letter] Cottrell RC, et al. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1381–2

Replacement of surfactant in hyaline membrane disease [editorial] Walters DV. **Br Med J [Clin Res]** 1984 Oct 6; 289(6449):855–7

Surfactant replacement in neonatal and adult respiratory distress syndrome. Robertson B. **Eur J Anaesthesiol** 1984 Dec;1(4):335–43

Surfactant treatment for respiratory distress syndrome: a review. Morley CJ. **J R Soc Med** 1984 Sep;77(9):788–92 (40 ref.)

Two controlled trials of dry artificial surfactant: early effects and later outcome in babies with surfactant deficiency. Wilkinson A, et al. **Lancet** 1985 Aug 10;2(8450):287–91

Bovine surfactant (surfactant TA) therapy in immature baboons with hyaline membrane disease. Vidyasagar D, et al. **Pediatrics** 1985 Jun;75(6):1132–42

Exogenous surfactant therapy in hyaline membrane disease. Gitlin JD, et al. **Semin Perinatol** 1984 Oct;8(4):272–82 (131 ref.)

[Beneficial effect of surfactant treatment of IRDS] Berggren P, et al. **Lakartidningen** 1984 Nov 7;81(45):4180–2 (Eng. Abstr.) **(Swe)**

PULMONARY VALVE

[Endocarditis of the pulmonary valve and multiple vertebral osteomyelitis caused by Pseudomonas aeruginosa] Montejo Baranda M, et al. **Rev Clin Esp** 1984 Sep 30;174(6):261–2 **(Spa)**

ABNORMALITIES

Two-dimensional echocardiographic evidence of quadricuspid pulmonary valve. Zuppiroli A, et al. **Acta Cardiol (Brux)** 1985;40(3):345–8

Bronchial compression by a patent ductus arteriosus associated with pulmonary atresia. Markowitz RI, et al. **AJR** 1985 Mar;144(3):535–40

Pulmonary and subclavian steal phenomenon following modified Blalock-Taussig shunt. Agarwal KC, et al. **Am Heart J** 1984 Dec;108(6):1567–70

Successful surgical repair of absent pulmonary valve syndrome in infancy. Agarwal KC, et al. **Am Heart J** 1985 Jan;109(1):174–7

Magnetic resonance imaging in patients with hypoplastic right heart syndrome. Jacobstein MD, et al. **Am Heart J** 1985 Jul;110(1 Pt 1):154–8

Noninvasive recognition of functional pulmonary atresia by echocardiography. Smallhorn JF, et al. **Am J Cardiol** 1984 Oct 1;54(7):925–6

Tetralogy of Fallot with pulmonary atresia in siblings. Der Kaloustian VM, et al. **Am J Med Genet** 1985 May; 21(1):119–22

Surgical correction of pulmonary atresia and ventricular septal defect with large systemic-pulmonary collaterals. Benson LN, et al. **Ann Thorac Surg** 1984 Nov;38(5):522–5

Non-invasive assessment of pulmonary blood supply after staged repair of pulmonary atresia. Del Torso S, et al. **Br Heart J** 1985 Aug;54(2):209–14

Early and late results in the treatment of patients with pulmonary atresia and intact ventricular septum. Milliken JC, et al. **Circulation** 1985 Sep;72(3 Pt 2):II61–9

Classic versus modified Blalock-Taussig shunts in neonates and infants. Moulton AL, et al. **Circulation** 1985 Sep;72(3 Pt 2):II35–44

Pulmonary valve agenesis and supravalvular pulmonary stenosis. Report of a case and review of literature. Vignati G, et al. **G Ital Cardiol** 1984 Oct;14(10):821–4

Abnormal pulmonary artery branching in tetralogy of Fallot with 'absent' pulmonary valve. Milanesi O, et al. **Int J Cardiol** 1984 Sep;6(3):375–80

Absent pulmonary valve syndrome with associated anomalies of the pulmonary blood supply. Presbitero P, et al. **Int J Cardiol** 1984 Nov;6(5):587–98

Two-dimensional echocardiographic evaluation of right ventricular size and function in newborns with severe right ventricular outflow tract obstruction. Trowitzsch E, et al. **J Am Coll Cardiol** 1985 Aug;6(2):388–93

Tetralogy of Fallot with absent pulmonary valve. Mashru MR, et al. **J Assoc Physicians India** 1984 Nov;32(11):991–2

Valvotomy for pulmonary atresia with intact ventricular septum. A disciplined approach to achieve a functioning right ventricle. Cobanoglu A, et al. **J Thorac Cardiovasc Surg** 1985 Apr;89(4):482–90

Experience with the Fontan procedure. Laks H, et al. **J Thorac Cardiovasc Surg** 1984 Dec;88(6):939–51

Tetralogy of Fallot with absent pulmonary valve. Early and late results of surgical treatment. McCaughan BC, et al. **J Thorac Cardiovasc Surg** 1985 Feb;89(2):280–7

Transaortic closure of ventricular septal defect in atrioventricular discordance with pulmonary stenosis or atresia. Results in five patients. Matsuda H, et al. **J Thorac Cardiovasc Surg** 1984 Nov;88(5 Pt 1):776–81

Surgical closure of the tricuspid valve for pulmonary atresia, intact ventricular septum, and right ventricle to coronary artery communications. Waldman JD, et al. **Pediatr Cardiol** 1984 Jul–Sep;5(3):221–3

The hypoplastic right heart complex. Freedom RM, et al. **Semin Roentgenol** 1985 Apr;20(2):169–83

Late results of valve xenograft conduits between the right ventricle and the pulmonary arteries in patients with pulmonary atresia and extreme tetralogy of Fallot. Yankah AC, et al. **Thorac Cardiovasc Surg** 1984 Aug;32(4):250–2

[Pulmonary valve agenesis and giant lobar emphysema. A not uncommon association] Huret C, et al. **Pediatrie** 1984 Jun;39(4):267–72 (Eng. Abstr.) **(Fre)**

[Use of intraluminal dilatation catheters in the surgical treatment of pulmonary atresia with intact septum] Watel A, et al. **Presse Med** 1984 Dec 8;13(44):2701–2 (Eng. Abstr.) **(Fre)**

[Two-staged operation of pulmonary atresia with intact ventricular septum. Report of a case with successful repair] Harada Y, et al. **Kyobu Geka** 1984 Aug;37(8):626–9 (Eng. Abstr.) **(Jpn)**

[Pulmonary atresia with ventricular septal defect and right coronary-pulmonary artery fistula] Koide S, et al. **Kyobu Geka** 1984 Aug;37(9 Suppl):685–8 (Eng. Abstr.) **(Jpn)**

[A case of Noonan's syndrome with atrial septal defect and pulmonary valvular dysplasia] Yamada M, et al. **Kyobu Geka** 1985 Jan;38(1):31–6 (Eng. Abstr.) **(Jpn)**

[Surgical treatment of pulmonary atresia (PA) and critical pulmonary stenosis (PS) with intact ventricular septum (IVS)] Tsunemoto M, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):915–9 (Eng. Abstr.) **(Jpn)**

[A successful complete repair of pulmonary atresia with nonconfluent pulmonary arteries in 6-year-old boy] Kono N, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jun; 32(6):948–53 (Eng. Abstr.) **(Jpn)**

[Right ventricular volume growth following pulmonary valvotomy in pulmonary atresia with intact ventricular septum] Nakae S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Apr;33(4):427–33 (Eng. Abstr.) **(Jpn)**

[Pulmonary atresia with interventricular communication. Angiographic and surgical aspects in 7 patients] Gontijo Filho B, et al. **Arq Bras Cardiol** 1981 Oct;37(4):285–90 (Eng. Abstr.) **(Por)**

[Clinical aspects, diagnosis and surgical correction of congenital aortopulmonary septal defect] Volkolakov IaV, et al. **Kardiologiia** 1984 Jul;24(7):37–41 (Eng. Abstr.) **(Rus)**

[Blalock-Hanlon atrio-septectomy: an outmoded technic? (II) In cardiopathies with atrioventricular or pulmonary obstruction with an intact interventricular septum] Villagrá F, et al. **Rev Esp Cardiol** 1984 May–Jun;37(3):204–10 (Eng. Abstr.) **(Spa)**

MICROBIOLOGY

[Clinical and echocardiographic diagnosis of infectious endocarditis of the pulmonary valve] Perényi T, et al. **Orv Hetil** 1984 Nov 11;125(46):2809–12 (Eng. Abstr.) **(Hun)**

PATHOLOGY

Morphologic changes induced by dilation of the pulmonary valve anulus with overlarge balloons in normal newborn lambs. Ring JC, et al. **Am J Cardiol** 1985 Jan 1;55(1):210–4

Pulmonary valve morphology after balloon dilatation of pulmonary valve stenosis. Benson LN, et al. **Cathet Cardiovasc Diagn** 1985;11(2):161–6

[Bidimensional echocardiographic evaluation of the pulmonary valve area before and after non-surgical valvuloplasty] Pontes Júnior SC, et al. **Arq Bras Cardiol** 1984 Oct;43(4):233–7 (Eng. Abstr.) **(Por)**

PHYSIOLOGY

Variable effects of changes in flow rate through the aortic, pulmonary and mitral valves on valve area and flow velocity: impact on quantitative Doppler flow calculations. Stewart WJ, et al. **J Am Coll Cardiol** 1985 Sep;6(3):653–62

PHYSIOPATHOLOGY

Isolated pulmonic valve infective endocarditis: a diagnostically elusive entity. Cassling RS, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):558–67 (58 ref.)

Pulmonary valve endocarditis [letter] Brown AK, et al. **Am J Cardiol** 1984 Nov 1;54(8):1170

Echocardiographic characteristics of pulmonary and aortic valve motion in the Eisenmenger's syndrome from ventricular septal defect. Haugland H, et al. **Am J Cardiol** 1984 Oct 1;54(7):927–9

Complete pulmonic valve opening during atrial contraction after right ventricular infarction. López-Sendón J, et al. **Am J Cardiol** 1985 Sep 1;56(7):486–7

Mid-diastolic opening of the pulmonary valve after right ventricular infarction. Doyle T, et al. **J Am Coll Cardiol** 1985 Feb;5(2 Pt 1):366–8

[M-mode echocardiographic registration of the pulmonary valve from the subxiphoid region] Gutiérrez Palau L, et al. **Rev Esp Cardiol** 1985 Jan–Feb;38(1):26–33 (Eng. Abstr.) **(Spa)**

SURGERY

Decision making in the definitive repair of the heart with a small right ventricle. de Leval M, et al. **Circulation** 1985 Sep;72(3 Pt 2):II52–60

Replacement of obstructed right ventricular-pulmonary arterial valved conduits with nonvalved conduits in children. Downing TP, et al. **Circulation** 1985 Sep;72(3 Pt 2):II84–7

Long-term follow-up of patients with synthetic right heart conduits. Jonas RA, et al. **Circulation** 1985 Sep;72(3 Pt 2):II77–83

Tetralogy of Fallot: to patch or not to patch? Egloff L, et al. **J Cardiovasc Surg (Torino)** 1985 Mar–Apr;26(2):187–90

Improved right ventricular function following late pulmonary valve replacement for residual pulmonary insufficiency or stenosis. Bove EL, et al. **J Thorac Cardiovasc Surg** 1985 Jul;90(1):50–5

[Late failure of porcine pericardial monocusp in palliative right ventricular outflow tract reconstruction for tetralogy of Fallot] Ohkita Y, et al. **Kyobu Geka** 1985 Jan;38(1):67–72 (Eng. Abstr.) **(Jpn)**

[Leiomyoma of the pulmonary valve] Okamoto Y, et al. **Rinsho Kyobu Geka** 1984 Jul;4(4):500–5 **(Jpn)**

[New surgical technic for orthoterminal correction. Experimental development] Fantidis P, et al. **Rev Esp Cardiol** 1984 Sep–Oct;37(5):347–53 (Eng. Abstr.) **(Spa)**

[Right ventricle-pulmonary artery connection with controlled flow in cardiopathies with interventricular communication and pulmonary atresia-stenosis] García A, et al. **Rev Esp Cardiol** 1984 Sep–Oct;37(5):336–42 (Eng. Abstr.) **(Spa)**

TRANSPLANTATION

Long-term assessment of aortic valve replacement with autologous pulmonary valve. Robles A, et al. **Ann Thorac Surg** 1985 Mar;39(3):238–42

PULMONARY VALVE INSUFFICIENCY

CONGENITAL

The natural history of isolated congenital pulmonary valve incompetence: surgical implications. Shimazaki Y, et al. **Thorac Cardiovasc Surg** 1984 Aug;32(4):257–9

DIAGNOSIS

Echocardiography cases. Pulmonary regurgitation. Johnson CD, et al. **Bol Asoc Med PR** 1984 Oct;76(10):452–4

PHYSIOPATHOLOGY

Two-dimensional echocardiographic demonstration of flail pulmonic valve due to infective endocarditis. Harasawa Y, et al. **Am Heart J** 1984 Dec;108(6):1552–4

Quantitative assessment by Doppler echocardiography of pulmonary or aortic regurgitation. Goldberg SJ, et al. **Am J Cardiol** 1985 Jul 1;56(1):131–5

Pulmonic valve insufficiency: a common cause of transient diastolic murmurs in renal failure. Péres JE, et al. **Ann Intern Med** 1985 Oct;103(4):497–502

Improved right ventricular function following late pulmonary valve replacement for residual pulmonary insufficiency or stenosis. Bove EL, et al. **J Thorac Cardiovasc Surg** 1985 Jul;90(1):50–5

SURGERY

Acute control of pulmonary regurgitation with a balloon 'valve'. An experimental investigation. Siwek LG, et al. **J Thorac Cardiovasc Surg** 1985 Sep;90(3):404–9

[Patch enlargement reconstruction of the right ventricular outflow tract without cardiopulmonary bypass. The use of newly devised 'wire-guided knife'] Maeta H, et al. **Kyobu Geka** 1984 Jul;37(7):520–6 (Eng. Abstr.) **(Jpn)**

[Pulmonary artery aneurysm associated with atrial septal defect and pulmonary regurgitation] Tabayashi K, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Oct;32(10):1880–5 (Eng. Abstr.) **(Jpn)**

PULMONARY VALVE STENOSIS

COMPLICATIONS

Aplasia cutis congenita associated with valvular heart disease. Paltzik RL, et al. **Cutis** 1985 Jul;36(1):57-8

A rare case of an adult with mitral, pulmonary and tricuspid valve stenosis with an interatrial communication and acquired cyanosis. Patwardhan AM, et al. **Indian Heart J** 1984 Jul-Aug;36(4):257-9

[Adult pulmonary valvular stenosis, major stenosing right ventricular hypertrophy and tricuspid insufficiency. Apropos of 2 cases] David P, et al. **Arch Mal Coeur** 1985 Jun;78(6):925-7 (Eng. Abstr.) **(Fre)**

[Quadricuspid aortic valve and pulmonary valve stenosis. A rare combination in the adult] Possati F, et al. **Minerva Cardioangiol** 1984 Nov;32(11):815-8 (Eng. Abstr.) **(Ita)**

[Operation and postoperative observation of a case of Noonan syndrome with VSD, PS and low intelligence] Horiguchi Y, et al. **Kyobu Geka** 1985 Jan;38(1):41-5 (Eng. Abstr.) **(Jpn)**

[Pulmonary artery aneurysm associated with pulmonary stenosis] Maehara T, et al. **Rinsho Kyobu Geka** 1984 Sep;4(5):613-8 (Eng. Abstr.) **(Jpn)**

[Ebstein's anomaly associated with pulmonary stenosis] Makhmudov MM, et al. **Kardiologiia** 1984 Jul;24(7):41-5 (Eng. Abstr.) **(Rus)**

CONGENITAL

Percutaneous balloon pulmonary valvuloplasty. Tynan M, et al. **Br Heart J** 1985 May;53(5):520-4

Percutaneous balloon valvuloplasty for congenital pulmonary valve stenosis. Corbelli JC, et al. **Cleve Clin Q** 1984 Fall;51(3):541-4

DIAGNOSIS

Accuracy of prospective two-dimensional echocardiographic evaluation of left ventricular outflow tract in complete transposition of the great arteries. Chin AJ, et al. **Am J Cardiol** 1985 Mar 1;55(6):759-64

[Bidimensional echocardiographic evaluation of the pulmonary valve area before and after non-surgical valvuloplasty] Pontes Júnior SC, et al. **Arq Bras Cardiol** 1984 Oct;43(4):233-7 (Eng. Abstr.) **(Por)**

ETIOLOGY

Reversible right ventricular outflow tract compression by immunoblastic sarcoma. Come PC, et al. **Am J Cardiol** 1985 Jan 1;55(1):239-40

Right ventricular outflow obstruction caused by constrictive pericardial disease. Nishimura RA, et al. **Am J Cardiol** 1985 May 1;55(11):1447-8

Right ventricular outflow obstructions due to a fibrocalcified pericardial band. Tartarini G, et al. **J Nucl Med Allied Sci** 1984 Jan-Mar;28(1):47-52

[Acquired infundibular pulmonary stenosis. Possible late complication following radiotherapy of Hodgkin disease] Rummeny E, et al. **Z Kardiol** 1984 Oct;73(10):641-5 (Eng. Abstr.) **(Ger)**

[A case of unruptured aneurysm of the sinus of Valsalva producing a right ventricular outflow obstruction] Naito H, et al. **Kokyu To Junkan** 1985 Apr;33(4):581-5 (Eng. Abstr.) **(Jpn)**

FAMILIAL & GENETIC

Patent ductus arteriosus, atrial septal defect and branch pulmonary artery stenosis: a possible new syndrome. Mahony L, et al. **Am J Cardiol** 1985 Mar 1;55(6):859-60

PATHOLOGY

Anomalous muscle bundle of the sub-pulmonary outflow in tetralogy of Fallot. Daliento L, et al. **Int J Cardiol** 1984 Oct;6(4):547-50

Anomalous left coronary artery from the pulmonary artery: significance of associated intracardiac defects. Cottrill CM, et al. **J Am Coll Cardiol** 1985 Jul;6(1):237-42

Two-dimensional echocardiographic evaluation of right ventricular size and function in newborns with severe right ventricular outflow tract obstruction. Trowitzsch E, et al. **J Am Coll Cardiol** 1985 Aug;6(2):388-93

[Transpositions of the great vessels with pulmonary stenosis and intact interventricular septum. Anatomic aspects and therapeutic implications] Lemoine G. **Ann Pediatr (Paris)** 1984 Sep;31(7):610-2 (Eng. Abstr.) **(Fre)**

PHYSIOPATHOLOGY

Rest and exercise hemodynamics in pulmonary stenosis: comparison of children and adults. Krabill KA, et al. **Am J Cardiol** 1985 Aug 1;56(4):360-5

Decreased contractility of the ductus arteriosus in experimental pulmonic stenosis. Mahony L, et al. **Circulation** 1984 Oct;70(4):695-9

The effect of pulmonic and aortic constriction on regional left ventricular thickening dynamics, geometry and the radius of septal curvature. Analysis by gated computed transmission tomography. Slutsky RA, et al. **Invest Radiol** 1984 Sep-Oct;19(5):374-9

Improved right ventricular function following late pulmonary valve replacement for residual pulmonary insufficiency or stenosis. Bove EL, et al. **J Thorac Cardiovasc Surg** 1985 Jul;90(1):50-5

[Mitral valve lesions in patients with right ventricular pressure overload: analysis using realtime, two-dimensional echocardiography] Nagata S, et al. **J Cardiogr** 1984 Aug;14(2):345-52 (Eng. Abstr.) **(Jpn)**

[A fluid dynamic analysis of the development of anacrotic notch in the pressure wave in patients with semilunar valve stenosis--use of a catheter tip velocity-pressure transducer] Hanya S, et al. **Kokyu To Junkan** 1985 Apr;33(4):553-8 (Eng. Abstr.) **(Jpn)**

RADIOGRAPHY

[Standard frontal radiography in isolated pulmonary valve stenoses] Hoeffel JC, et al. **Ann Pediatr (Paris)** 1985 May;32(5):435-9 (Eng. Abstr.) **(Fre)**

[Angiocardiographic anatomy of the outlet of the right ventricle in tetralogy of Fallot] Kirakosian SV, et al. **Kardiologiia** 1984 Jul;24(7):46-8 (Eng. Abstr.) **(Rus)**

SURGERY

Modified Blalock-Taussig shunt operation without cardiac catheterization: two-dimensional echocardiographic preoperative assessment in cyanotic infants. Ueda K, et al. **Am J Cardiol** 1984 Dec 1;54(10):1296-9

Surgical management of critical pulmonary stenosis in the neonate. Coles JG, et al. **Ann Thorac Surg** 1984 Nov;38(5):458-65

Pulmonary stenosis in infants and young children. Polansky DB, et al. **Ann Thorac Surg** 1985 Feb;39(2):159-64

Classic versus modified Blalock-Taussig shunts in neonates and infants. Moulton AL, et al. **Circulation** 1985 Sep;72(3 Pt 2):II35-44

Right ventricular outflow tract reconstruction with a bovine pericardial monocusp patch. Long-term clinical and hemodynamic evaluation. Abdulali SA, et al. **J Thorac Cardiovasc Surg** 1985 May;89(5):764-71

Surgical treatment of subpulmonary obstruction in transposition of the great arteries by means of a left ventricular-pulmonary arterial conduit. Late results and further considerations. Crupi G, et al. **J Thorac Cardiovasc Surg** 1985 Jun;89(6):907-13

Transaortic closure of ventricular septal defect in atrioventricular discordance with pulmonary stenosis or atresia. Results in five patients. Matsuda H, et al. **J Thorac Cardiovasc Surg** 1984 Nov;88(5 Pt 1):776-81

[Surgical treatment of transpositions of the great vessels with pulmonary stenosis and intact interventricular septum] Batisse A, et al. **Ann Pediatr (Paris)** 1984 Sep;31(7):613-6 (Eng. Abstr.) **(Fre)**

[Anatomic correction of transposition of the great vessels with interventricular communication and pulmonary stenosis] Lecompte Y, et al. **Ann Pediatr (Paris)** 1984 Sep;31(7):621-4 (Eng. Abstr.) **(Fre)**

[Classic treatments of transpositions of the great vessels with interventricular communication and pulmonary stenosis] Sidi D, et al. **Ann Pediatr (Paris)** 1984 Sep;31(7):617-20 (Eng. Abstr.) **(Fre)**

[Antenatal cardiac surgery. Creation of an experimental model of pulmonary stenosis in the fetus and repair in utero] Bical O, et al. **Arch Mal Coeur** 1985 Mar;78(3):445-9 (Eng. Abstr.) **(Fre)**

[Particularity of infundibular stenosis with VSD and right aortic arch--clinical experiences] Irisawa T, et al. **Kyobu Geka** 1985 Jun;38(6):459-63 (Eng. Abstr.) **(Jpn)**

[Ascites trocars for Brock's operation] Morishita Y, et al. **Kyobu Geka** 1985 Jun;38(6):449-51 (Eng. Abstr.) **(Jpn)**

[Isolated discrete infundibular stenosis] Nagaoka H, et al. **Kyobu Geka** 1985 Jun;38(6):480-3 (Eng. Abstr.) **(Jpn)**

[Stenosis of the right ventricular outflow tract following cardiac surgery] Onitsuka T, et al. **Kyobu Geka** 1984 Aug;37(8):640-3 (Eng. Abstr.) **(Jpn)**

[A case of Noonan's syndrome accompanied with thrombocytopenia necessitating platelet transfusion in intracardiac reoperation] Terada M, et al. **Kyobu Geka** 1985 Jan;38(1):37-40 (Eng. Abstr.) **(Jpn)**

[Surgical treatment of pulmonary atresia (PA) and critical pulmonary stenosis (PS) with intact ventricular septum (IVS)] Tsunemoto M, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):915-9 (Eng. Abstr.) **(Jpn)**

[Surgical repair of corrected transposition of great arteries with ventricular septal defect and pulmonary stenosis; consideration of the surgical method] Ninomiya J, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Aug;32(8):1239-44 (Eng. Abstr.) **(Jpn)**

[A successful repair of a single ventricle with complete transposition of great arteries and pulmonary stenosis] Saga T, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Aug;32(8):1233-8 (Eng. Abstr.) **(Jpn)**

[Surgical treatment of pulmonary artery branch stenosis] Sano S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Feb;33(2):195-201 (Eng. Abstr.) **(Jpn)**

[Non-valved external conduit repair in corrected transposition of the great arteries associated with ventricular septal defect and pulmonary outflow tract obstruction] Tatsuno K, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jun;32(6):969-76 (Eng. Abstr.) **(Jpn)**

[Right ventricle-pulmonary artery connection with controlled flow in cardiopathies with interventricular communication and pulmonary atresia-stenosis] García A, et al. **Rev Esp Cardiol** 1984 Sep-Oct;37(5):336-42 (Eng. Abstr.) **(Spa)**

[Transluminal valvuloplasty in pulmonary stenosis] Suárez de Lezo J, et al. **Rev Esp Cardiol** 1985 May-Jun;38(3):213-7 (Eng. Abstr.) **(Spa)**

THERAPY

Results of balloon valvuloplasty in the treatment of congenital valvar pulmonary stenosis in children. Kveselis DA, et al. **Am J Cardiol** 1985 Sep 15;56(8):527-32

Occlusion time and inflation pressure in pulmonary valvuloplasty [letter] Yeager SB. **Am J Cardiol** 1985 Feb 15;55(5):619-20

Pulmonary valve morphology after balloon dilatation of pulmonary valve stenosis. Benson LN, et al. **Cathet Cardiovasc Diagn** 1985;11(2):161-6

Development of infundibular obstruction after percutaneous pulmonary balloon valvuloplasty. Ben-Shachar G, et al. **J Am Coll Cardiol** 1985 Mar;5(3):754-6

Percutaneous balloon valvuloplasty for congenital pulmonary valve stenosis. Latson LA, et al. **Nebr Med J** 1985 Mar;70(3):76-9

[Percutaneous transluminal balloon valvuloplasty as a new treatment method in pulmonary valve stenosis] Hess J, et al. **Ned Tijdschr Geneeskd** 1985 Mar 2;129(9):403-6 (Eng. Abstr.) **(Dut)**

[Percutaneous transluminal valvuloplasty in pulmonary stenosis. Apropos of 24 cases] Rey C, et al. **Arch Mal Coeur** 1985 May;78(5):703-10 (Eng. Abstr.) **(Fre)**

[Pulmonary valvuloplasty with the balloon catheter. An alternative in the treatment of pulmonary valve stenosis] Fontes VF, et al. **Arq Bras Cardiol** 1984 Apr;42(4):249-53 (Eng. Abstr.) **(Por)**

[Percutaneous pulmonary valvuloplasty using a balloon catheter] de Ubago JL, et al. **Rev Esp Cardiol** 1984 Sep-Oct;37(5):354-8 (Eng. Abstr.) **(Spa)**

PULMONARY VEINS

Prophylaxis of venous thromboembolism by aspirin, warfarin and heparin in patients with hip fracture. A prospective clinical study with cost-benefit analysis. Alho A, et al. **Ann Chir Gynaecol** 1984;73(4):225-8

A case of pulmonary vascular occlusive disease: comparison of post-mortem radiography and histology. Pääkkö P, et al. **Histopathology** 1985 Feb;9(2):253-62

Pulmonary veno-occlusive disease in the middle-aged. Glassroth J, et al. **Respiration** 1985;47(4):309-21

Pulmonary veno-occlusive disease after bone marrow transplantation. Troussard X, et al. **Thorax** 1984 Dec;39(12):956-7

[Hereditary hemorrhagic telangiectasia with pulmonary arteriovenous fistula] Thomassen E, et al. **Ugeskr Laeger** 1984 Sep 19;146(38):2874-5 (Eng. Abstr.) **(Dan)**

[The problem of the pulmonary venous channel after the Senning operation] Fermont L, et al. **Ann Pediatr (Paris)** 1984 Sep;31(7):577-82 (Eng. Abstr.) **(Fre)**

[Diagnosis and differential diagnosis of arteriovenous aneurysms of the pulmonary blood vessels in an antituberculosis dispensary] Gronostaĭskiĭ VS. **Probl Tuberk** 1984 Sep;(9):20-3 (Eng. Abstr.) **(Rus)**

[2 cases of intravascular closure of multiple arteriovenous fistulas of the right lung] Neklasov IuF, et al. **Vestn Rentgenol Radiol** 1984 Sep-Oct;(5):91-2 **(Rus)**

ABNORMALITIES

Total anomalous pulmonary venous connection with pulmonary venous obstruction: survival into adulthood. Schamroth CL, et al. **Am Heart J** 1985 May;109(5 Pt 1):1112-4

Pulsed Doppler assessment of pulmonary vein obstruction. Smallhorn JF, et al. **Am Heart J** 1985 Aug;110(2):483-6

Aberrant systemic artery-pulmonary vein fistula: detection of an occult lesion by contrast echocardiography. Wolf WJ, et al. **Am Heart J** 1985 Aug;110(2):480-2

Small left atrium and change in contour of the ventricular septum in total anomalous pulmonary venous connection: a morphometric analysis of 22 infant hearts. Rosenquist GC, et al. **Am J Cardiol** 1985 Mar 1;55(6):777-82

Pulmonary arteriovenous malformations related to Rendu-Osler-Weber syndrome. McCue CM, et al. **Am J Med Genet** 1984 Sep;19(1):19-27

Infradiaphragmatic total anomalous pulmonary venous drainage: new diagnostic, physiologic, and surgical considerations. Long WA, et al. **Am J Perinatol** 1984 Apr;1(3):227-35

Detection of shunt flow in total anomalous pulmonary venous connection using 2D-Doppler echocardiography. Itoh K, et al. **Angiology** 1985 Jul;36(7):414-8

Repair of anomalous origin of the right pulmonary artery from the ascending aorta associated with subtotal left cor triatriatum. Sievers HH, et al. **Ann Thorac Surg** 1985 Jan;39(1):80-1

An alternative method for repair of partial anomalous pulmonary venous connection to the superior vena cava.

Warden HE, et al. **Ann Thorac Surg** 1984 Dec;38(6):601-5

Extracardiac atrial pedicle conduit repair of partial anomalous pulmonary venous connection to the superior vena cava in children. Williams WH, et al. **Ann Thorac Surg** 1984 Oct;38(4):345-55

Cross sectional echocardiographic diagnosis of total anomalous pulmonary venous connection. Huhta JC, et al. **Br Heart J** 1985 May;53(5):525-34

Neurological complications of pulmonary arteriovenous malformations. Dennis MS. **Br Med J [Clin Res]** 1985 May 11;290(6479):1392-3

Value of computed tomography in the diagnosis of intrapulmonary arteriovenous shunts. Langer R, et al. **Cardiovasc Intervent Radiol** 1984;7(6):277-9

Pulmonary A-V communications in COPD [letter] Jung RC, et al. **Chest** 1985 Aug;88(2):312

CT of unusual mediastinal vascular abnormalities. Gross BH, et al. **Comput Radiol** 1984 Nov-Dec;8(6):369-74

2D echocardiographic diagnosis of total anomalous pulmonary venous connection of the infradiaphragmatic type. Lam J, et al. **Eur Heart J** 1984 Oct;5(10):842-5

Isolated atresia of the left pulmonary veins. Cabrera A, et al. **Int J Cardiol** 1985 Mar;7(3):298-302

An unusual type of anomalous pulmonary venous drainage associated with a complex left heart hypoplasia and a variety of divided left atrium ('cor triatriatum'). Gerlis LM, et al. **Int J Cardiol** 1985 Mar;7(3):245-53

Percutaneous balloon angioplasty in an infant with obstructed total anomalous pulmonary vein return. Rey C, et al. **J Am Coll Cardiol** 1985 Oct;6(4):894-6

Partial anomalous pulmonary venous return of an uncommon type. Perna AM, et al. **J Cardiovasc Surg (Torino)** 1984 Nov-Dec;25(6):563-5

Pulmonary scintigraphy in a patient with multiple pulmonary arteriovenous malformations and pulmonary embolism. Harding JA, et al. **J Nucl Med** 1985 Feb;26(2):151-4

Smith-Lemli-Opitz syndrome associated with Hirschsprung disease, 46,XY female karyotype, and total anomalous pulmonary venous drainage [letter] Kim EH, et al. **J Pediatr** 1985 May;106(5):861

Pulmonary sequestration complicated by anomalies of pulmonary venous return. Alivizatos P, et al. **J Pediatr Surg** 1985 Feb;20(1):76-9

Pulmonary artery thrombosis associated with anomalous pulmonary venous connection: an unusual complication following the modified Fontan procedure. Downing TP, et al. **J Thorac Cardiovasc Surg** 1985 Sep;90(3):441-3

Repair of subdiaphragmatic total anomalous pulmonary venous connection without cardiopulmonary bypass. Lamberti JJ, et al. **J Thorac Cardiovasc Surg** 1984 Oct; 88(4):627-30

Repair of congenital pulmonary venous stenosis with living autologous atrial tissue. Pacifico AD, et al. **J Thorac Cardiovasc Surg** 1985 Apr;89(4):604-9

A surgical technique for correction of total anomalous pulmonary venous drainage. Vargas FJ, et al. **J Thorac Cardiovasc Surg** 1985 Sep;90(3):410-3

Cor triatriatum and total anomalous pulmonary venous connection: a rare, surgically correctable anomaly. Vouhé PR, et al. **J Thorac Cardiovasc Surg** 1985 Sep;90(3):443-5

Partial abnormal infradiaphragmatic pulmonary venous connection visualized by two-dimensional abdominal ultrasonography. Trigaux JP, et al. **JCU** 1984 Sep; 12(7):425-8

Hereditary hemorrhagic telangiectasia with a pulmonary arteriovenous fistula. Kim HJ, et al. **Jpn Circ J** 1984 Oct; 48(10):1087-90

Congenital pulmonary arteriovenous malformations. Kim SK, et al. **NY State J Med** 1984 Nov;84(11):569-70

Pulmonary arteriovenous malformations. Terry PB. **NY State J Med** 1984 Nov;84(11):539-40

A case of left cor triatriatum associated with an interatrial defect with partial anomalous venous return. Biglioli P, et al. **Panminerva Med** 1984 Jul-Sep;26(3):197-8

Anomalous pulmonary venous connections. Moes CA, et al. **Semin Roentgenol** 1985 Apr;20(2):134-50

Anomalies of pulmonary venous return. Stark J. **World J Surg** 1985 Aug;9(4):532-42

Pulmonary arteriovenous fistula in childhood. Gonzalez R, et al. **Z Kinderchir** 1985 Apr;40(2):101-3

[Surgical treatment of total anomalous pulmonary venous drainage] Ruan XM, et al. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Jun; 12(2):104-5 **(Chi)**

[A case of an adult triatrial heart, associated with partial abnormal venous return from the left lung] Chaara A, et al. **Arch Mal Coeur** 1984 Nov;77(12):1411-5 (Eng. Abstr.) **(Fre)**

[Surgical treatment of total abnormal pulmonary venous return. Value of the interaortico-caval approach] Vouhé P, et al. **Presse Med** 1984 Oct 6;13(35):2143-5 (Eng. Abstr.) **(Fre)**

[Diagnosis of congenital AV fistula in childhood—report of a clinical case] Krottmayer G, et al. **Klin Padiatr** 1984 Nov-Dec;196(6):388-91 (Eng. Abstr.) **(Ger)**

[A new operative technique for partial anomalous pulmonary venous connection of the left lung] Hirata K, et al. **Kyobu Geka** 1985 Apr;38(4):289-94 (Eng. Abstr.) **(Jpn)**

[A case of surgical repair of bilateral multiple pulmonary arteriovenous fistula] Mizutani T, et al. **Kyobu Geka** 1984 Aug;37(9 Suppl):660-5 (Eng. Abstr.) **(Jpn)**

[General anesthesia for brain abscess drainage in a patient with pulmonary arteriovenous fistula] Chinzei M, et al. **Masui** 1984 Oct;33(10):1146-9 (Eng. Abstr.) **(Jpn)**

[A case report of partial anomalous pulmonary venous connection of the left lung associated with other vessel anomalies] Endo M, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Nov;32(11):2021-6 (Eng. Abstr.) **(Jpn)**

[A case of bilateral multiple pulmonary arteriovenous fistulas with Rendu-Osler-Weber disease] Fujihara T, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Nov; 32(11):2027-30 (Eng. Abstr.) **(Jpn)**

[Successful correction of total anomalous pulmonary venous connection in a neonate] Iriyama T, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Sep;32(9):1388-93 (Eng. Abstr.) **(Jpn)**

[Operation in an anomaly of the superior pulmonary vein combined with patent ductus arteriosus] Trunov AD, et al. **Grudn Khir** 1985 May-Jun;(3):90-1 **(Rus)**

[Diagnosis of pulmonary arteriovenous aneurysms] Zagorodskaia MM, et al. **Vrach Delo** 1985 May;(5):43-5 (Eng. Abstr.) **(Rus)**

[Total abnormal pulmonary venous drainage: surgical treatment, results and postoperative follow-up] Cordovilla G, et al. **Rev Esp Cardiol** 1985 Jan-Feb;38(1):50-9 (Eng. Abstr.) **(Spa)**

ANATOMY & HISTOLOGY

Magnetic resonance (MR) imaging of aorta and pulmonary circulation. Initial experience with ECG-gating. Lallemand D, et al. **Ann Radiol (Paris)** 1985;28(3-4):289-98 **(Eng, Fre)**

DRUG EFFECTS

Endothelium-dependent contractions to arachidonic acid are mediated by products of cyclooxygenase. Miller VM, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):H432-7

Pharmacological properties of canine intrapulmonary blood vessels. Kong SK, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1198-202

GROWTH & DEVELOPMENT

Morphology of the developing pulmonary bed: pharmacologic implications. Rabinovitch M. **Pediatr Pharmacol (New York)** 1985;5(1):31-48 (80 ref.)

PATHOLOGY

Calcific fibrosing mediastinitis: demonstration of pulmonary vascular obstruction by magnetic resonance imaging. Farmer DW, et al. **AJR** 1984 Dec;143(6):1189-91

[Lipomyxosarcoma of the pulmonary veins extending into the left atrium. Repetitive surgical treatment] Baubion N, et al. **Presse Med** 1985 Feb 9;14(5):267-9 (Eng. Abstr.) **(Fre)**

[Diagnosis, course and treatment of a case of veno-occlusive disease] Djurić B, et al. **Prax Klin Pneumol** 1985 May; 39(5):173-5 (Eng. Abstr.) **(Ger)**

[A histopathological study on vascular and interstitial changes in the lungs of collagen diseases and a comparison with interstitial pneumonia] Homma S. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar; 23(3):332-47 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

Effect of nitroglycerin on the pulmonary venous gradient in patients after mitral valve replacement. Halperin JL, et al. **J Am Coll Cardiol** 1985 Jan;5(1):34-9

Effect of endotoxemia on hypoxic pulmonary vasoconstriction in unanesthetized sheep. Hutchison AA, et al. **J Appl Physiol** 1985 May;58(5):1463-8

[Quantitative assessment of pulmonary microvascular permeability] Ishibashi M, et al. **Kokyu To Junkan** 1985 May;33(5):609-14 **(Jpn)**

[A case of systemic-pulmonary venous shunt with superior vena cava syndrome] Kobayashi H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jul; 22(7):597-602 (Eng. Abstr.) **(Jpn)**

RADIOGRAPHY

Cardiopulmonary effects of volume expansion in man: radiographic manifestations. Luft FC, et al. **AJR** 1985 Feb; 144(2):289-93

Intravenous digital subtraction angiography in the evaluation of systemic and pulmonary venous anomalies. Haggman DL, et al. **Cleve Clin Q** 1985 Spring;52(1):55-60

Digital subtraction angiography and pulmonary vascular anomaly. Two case reports. Reekers JA, et al. **Eur J Radiol** 1985 Aug;5(3):199-201

Pulmonary vein tumor thrombosis and left atrial extension in lung carcinoma. Koo BC, et al. **J Comput Tomogr** 1984 Oct;8(4):331-6

Wedge and subselective pulmonary angiography in pulmonary hypertension secondary to venous obstruction. Bowen JS, et al. **Radiology** 1985 Jun;155(3):599-603

The vascular converging points of the right pulmonary hilus and their diagnostic significance. Don C, et al. **Radiology** 1985 May;155(2):295-8

[X-ray evaluation of the right hilar vessels and its clinical significance] Li TY. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1985 Mar; 13(1):42-4 **(Chi)**

[Comparison of vascular width and accuracy in the subjective assessment of pulmonary circulation in the roentgen picture of children with left-right shunts] Hegenbarth R, et al. **Rontgenblatter** 1985 Apr;38(4):101-4 (Eng. Abstr.) **(Ger)**

[Atypical scimitar syndrome: 'scimitar sign' with normal pulmonary venous drainage] Okada K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Apr;22(4):330-4 (Eng. Abstr.) **(Jpn)**

[2 cases of pulmonary sequestration—with special reference to the analysis of pulmonary vascular shadows] Tagaki S, et al. **Rinsho Hoshasen** 1984 Oct;29(10):1103-6 (Eng. Abstr.) **(Jpn)**

SURGERY

Pulmonary arteriovenous fistula. Korula RJ, et al. **Indian Heart J** 1985 Jan-Feb;37(1):54-6

ULTRASTRUCTURE

Flunixin meglumine attenuation of endotoxin-induced damage to the cardiopulmonary vascular endothelium of the pony. Turek JJ, et al. **Am J Vet Res** 1985 Mar; 46(3):591-6

Histology of the intrapulmonary veins in the albino Wistar rat, with special references to the pulmonary myocardium. Jarkovská D. **Folia Morphol (Praha)** 1985;33(2):175-80

PULMONARY VENOUS WEDGE PRESSURE see **PULMONARY WEDGE PRESSURE**

PULMONARY WEDGE PRESSURE

Left atrial-pulmonary artery wedge pressure relation: effect of elevated pulmonary vascular resistance. Levin RI, et al. **Am J Cardiol** 1985 Mar 1;55(6):856-7

Echophonocardiographic estimates of pulmonary artery wedge pressure in mitral stenosis. Rahko PS, et al. **Am J Cardiol** 1985 Feb 1;55(4):462-9

Cardiovascular alterations in severe pregnancy-induced hypertension: relationship of central venous pressure to pulmonary capillary wedge pressure. Cotton DB, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):762-4

Influence of lung injury on pulmonary wedge-left atrial pressure correlation during positive end-expiratory pressure ventilation. Hasan FM, et al. **Am Rev Respir Dis** 1985 Feb;131(2):246-50

Cardiac function in septic shock [letter] Snyder JV. **Ann Intern Med** 1984 Dec;101(6):879

Increased pulmonary artery diastolic-pulmonary wedge pressure gradient after cardiopulmonary bypass. Heinonen J, et al. **Can Anaesth Soc J** 1985 Mar;32(2):165-70

Correlation of central venous and pulmonary capillary wedge pressures [letter] Whalley DG. **Can Anaesth Soc J** 1985 Mar;32(2):203-4

Left atrial size, pressure, and V wave height in patients with isolated, severe, pure mitral regurgitation. Pizzarello RA, et al. **Cathet Cardiovasc Diagn** 1984;10(5):445-54

Comments on 'Carotid sinus baroreceptor reflex control and the role of autoregulation in the systemic and pulmonary arterial pressure-flow relationships of the dog' [letter] Burattini R. **Circ Res** 1985 Jul;57(1):198-200

Changes in pulmonary blood flow during wedge pressure measurement in a neonate [letter] Damen J. **Crit Care Med** 1985 Aug;13(8):693-4

Lateral position improves wedge-left atrial pressure correlation during positive-pressure ventilation. Hasan FM, et al. **Crit Care Med** 1984 Nov;12(11):960-4

Pulmonary artery wedge pressure may fail to reflect left ventricular end-diastolic pressure in dogs with oleic acid-induced pulmonary edema. Johnston WE, et al. **Crit Care Med** 1985 Jun;13(6):487-91

Frequency of wedge pressure errors in the ICU. Morris AH, et al. **Crit Care Med** 1985 Sep;13(9):705-8

Wedge pressure confirmation by aspiration of pulmonary capillary blood. Morris AH, et al. **Crit Care Med** 1985 Sep; 13(9):756-9

'Failure to wedge' and pulmonary hypertension during pulmonary artery catheterization: a sign of totally occlusive pulmonary embolism. Traeger SM. **Crit Care Med** 1985 Jul;13(7):544-7

The effect of backrest elevation on pulmonary artery and pulmonary capillary wedge pressures in patients after cardiac surgery [letter] Riedinger MS, et al. **Heart Lung** 1984 Nov;13(6):691-2

Pulmonary edema secondary to chronic upper airway obstruction. Hemodynamic study in a child. Sofer S, et al. **Intensive Care Med** 1984;10(6):317-9

Underestimation of prosthetic mitral valve areas: role of transseptal catheterization in avoiding unnecessary repeat mitral valve surgery. Schoenfeld MH, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1387-92

Interaction of right and left ventricular filling pressures at the termination of cardiopulmonary bypass. Central venous pressure/pulmonary capillary wedge pressure ratio. Kopman EA, et al. **J Thorac Cardiovasc Surg** 1985 May; 89(5):706-8

The difference between pulmonary artery diastolic pressure and pulmonary capillary wedge pressure as a hemodynamic sign of pulmonary embolism. Ornato JP, et al. **Nebr Med J** 1985 May;70(5):164-7

Extravascular lung water in patients with mitral stenosis: relationship to pulmonary capillary wedge pressure and

Kerley B lines. Slutsky RA, et al. **Radiology** 1984 Nov; 153(2):317–20

Relationship between pulmonary artery mean pressure and the vertical gradient of perfusion in chronic respiratory diseases. Weitzenblum E, et al. **Respiration** 1984; 46(4):337–41

Filling pressures of the heart during anaesthesia. Coetzee A, et al. **S Afr Med J** 1985 May 4;67(18):712–5

Pitfalls in the interpretation of pulmonary capillary wedge pressure. Lipman J. **S Afr Med J** 1985 Feb 2;67(5):174–7 (27 ref.)

Haemodynamic monitoring during resection of a phaeochromocytoma. A case report. Sandison MR, et al. **S Afr Med J** 1985 Jun 8;67(23):939–40

Effect of positive end–expiratory pressure on the wedge pressure reading [letter] van Eeden SF. **S Afr Med J** 1985 May 25;67(21):837

[Use of impedance pulmonary rheography for the evaluation of pulmonary artery pressure––a noninvasive method] Wang DX, et al. **Acta Acad Med Wuhan** 1984;4(4):193–6 (Eng. Abstr.) **(Ger)**

[Course study of pulmonary artery pressure in patients with chronic obstructive bronchitis] Evers H. **Z Erkr Atmungsorgane** 1985;164(1):67–73 (Eng. Abstr.) **(Ger)**

[Correlation between average pulmonary artery pressure under rest and stress conditions in relation to the stage of silicosis] Krause M, et al. **Z Erkr Atmungsorgane** 1985; 164(3):288–91 (Eng. Abstr.) **(Ger)**

[Behavior of pulmonary artery pressure during ergometer stress in sitting position in patients with ischemic heart disease] Schaller K. **Z Gesamte Inn Med** 1984 Jul 15; 39(14):346–8 (Eng. Abstr.) **(Ger)**

[Estimation of pulmonary capillary mean pressure using TM–mode echocardiography] Keller H, et al. **Z Kardiol** 1985 Jul;74(7):409–14 (Eng. Abstr.) **(Ger)**

[A new parameter for congestive heart failure with AMI (acute myocardial infarction)––COP–PCW (colloid osmotic pressure–pulmonary capillary wedge pressure)] Doijiri K, et al. **Kokyu To Junkan** 1984 Dec;32(12):1301–6 (Eng. Abstr.) **(Jpn)**

[Estimation of cardiac index and pulmonary capillary wedge pressure using the theory of quantification] Kawasumi S. **Nippon Ika Daigaku Zasshi** 1984 Aug;51(4):455–66 (Eng. Abstr.) **(Jpn)**

[Functional dependence between pressure in the pulmonary artery and venous admixing in the lungs in diseases in children] Vorontsov IuP, et al. **Vestn Akad Med Nauk SSSR** 1984;(9):51–4 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Acute electrophysiologic, hemodynamic and left ventricular effects of nifedipine and beta–blocker interactions. Maintenance of global and regional left ventricular wall motion. Vetrovec GW, et al. **Am J Cardiol** 1985 May 17; 55(12):21E–26E

Effects of dopamine on the pulmonary circulation of the dog. Moraes–Silva MA, et al. **Braz J Med Biol Res** 1984; 17(1):75–82

Effect of nitroglycerin on the pulmonary venous gradient in patients after mitral valve replacement. Halperin JL, et al. **J Am Coll Cardiol** 1985 Jan;5(1):34–9

MDL 17,043: short– and long–term cardiopulmonary and clinical effects in patients with heart failure. Rubin SA, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1422–7

Pressure effects and uptake of platelet–activating factor in isolated rat lung. Lichey J, et al. **J Appl Physiol** 1984 Oct; 57(4):1039–44

PULP CANAL see **DENTAL PULP CAVITY**

PULP CAPPING see **DENTAL PULP CAPPING**

PULP CHAMBER see **DENTAL PULP CAVITY**

PULP NECROSIS see **DENTAL PULP GANGRENE**

PULPECTOMY

see related
DENTAL PULP

ADVERSE EFFECTS

An electron microscopic analysis of the trans–synaptic effects of peripheral nerve injury subsequent to tooth pulp extirpations on neurons in laminae I and II of the medullary dorsal horn. Gobel S. **J Neurosci** 1984 Sep;4(9):2281–90

PULPITIS

DRUG THERAPY

Intraoral comparison of calcium hydroxide (Calnex) alone and in combination with Ledermix in first permanent mandibular molars using two direct inspection criteria. Santini AH. **J Dent** 1985 Mar;13(1):52–9

[Use of dioxidine for pulp protection in treating pulpitis in children] Khariton VS, et al. **Stomatologiia (Mosk)** 1984 Nov–Dec;63(6):12–4 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Pulp capping of dental pulp mechanically exposed to oral microflora: a 1–2 year observation of wound healing in the monkey. Cox CF, et al. **J Oral Pathol** 1985 Feb; 14(2):156–68

[Gingival and mucosal changes in pulpitis] Suda H, et al. **Kokubyo Gakkai Zasshi** 1984 Jun;51(2):456 **(Jpn)**

PHYSIOPATHOLOGY

Dental pulp response to bacterial cell wall material. Warfvinge J, et al. **J Dent Res** 1985 Aug;64(8):1046–50

PSYCHOLOGY

An evaluation of length and end–phrase of visual analogue scales in dental pain. Seymour RA, et al. **Pain** 1985 Feb; 21(2):177–85

THERAPY

[Follow–up study of teeth after root canal obturation with N2 for pulpitis] Esztári I, et al. **Fogorv Sz** 1984 Nov; 77(11):341–5 (Eng. Abstr.) **(Hun)**

[Treatment of pulpitis by using intrapulpar anesthesia] Aizenshtein ED, et al. **Stomatologiia (Mosk)** 1985 Mar–Apr; 64(2):78–9 **(Rus)**

PULPOTOMY

see related
DENTAL PULP

HISTORY

History of formocresol pulpotomy. Teplitsky PE, et al. **Can Dent Assoc J** 1984 Aug;50(8):629–34

METHODS

Formocresol pulpotomies on posterior permanent teeth. Teplitsky PE. **Can Dent Assoc J** 1984 Aug;50(8):623–7

In vivo fixative effect of formocresol on pulpotomized deciduous teeth of dogs. Russo MC, et al. **Oral Surg Oral Med Oral Pathol** 1984 Dec;58(6):706–14

[Pulp reaction of human deciduous teeth to different materials after vital and mortal amputation] Bartsch J, et al. **Zahn Mund Kieferheilkd** 1985;73(3):275–82 (Eng. Abstr.) **(Ger)**

VETERINARY

Medical and surgical management of a fractured tusk in an African elephant. Allen JL, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1447–9

Canine tooth extraction and pulpotomy in the adult male llama. Kock MD. **J Am Vet Med Assoc** 1984 Dec 1; 185(11):1304–6

PULSE

Acute responses to maternal smoking of the pulsatile movements in fetal aorta. Sindberg Eriksen P, et al. **Acta Obstet Gynecol Scand** 1984;63(7):647–54

Concomitant pulsus and U–wave alternans after head trauma. Lee YC, et al. **Am J Cardiol** 1985 Mar 1;55(6):851–2

Tricuspid stenosis. Atrial systolic murmur, tricuspid opening snap, and right atrial pressure pulse. Wooley CF, et al. **Am J Med** 1985 Mar;78(3):375–84

How do you interpret pulses? Birdsall C. **Am J Nurs** 1985 Jul;85(7):785–6

Propagation of pressure pulse in kangaroo arterial system. Avolio AP, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):R335–40

Pulse wave reflections at the aorto–iliac junction. Li JK. **Angiology** 1985 Aug;36(8):516–21

A study of the semeiological reliability of dorsalis pedis artery and posterior tibial artery in the diagnosis of lower limb arterial occlusive disease. Nuzzaci G, et al. **Angiology** 1984 Dec;35(12):767–72

Elastic modulus in young diabetic patients (ultrasound measurements of pulse wave velocity). Stella A, et al. **Angiology** 1984 Nov;35(11):729–34

Estimation of Reynolds shear stresses during pulsatile flow in the region of aortic valves. Walburn FJ, et al. **Ann Biomed Eng** 1985;13(1):17–23

The association between lowest palpable pulse and wound healing in below knee amputations. O'Dwyer KJ, et al. **Ann R Coll Surg Engl** 1985 Jul;67(4):232–4

Effects of threat of shock and control over shock on finger pulse volume, pulse rate and systolic blood pressure. Smith TW, et al. **Biol Psychol** 1985 Feb;20(1):31–8

Pulsatile hepatomegaly in constrictive pericarditis. Manga P, et al. **Br Heart J** 1984 Oct;52(4):465–7

Pulsation of the eyeballs in tricuspid regurgitation. Allen SJ, et al. **Can Med Assoc J** 1985 Jul 15;133(2):119–20

Unilateral neck pulsations in a patient with a permanent pacemaker. Coplan NL, et al. **Chest** 1985 Apr;87(4):548–50

Testing period for single cosinor: extent of human 24–h cardiovascular 'synchronization' on ordinary routine. Bingham C, et al. **Chronobiologia** 1984 Jul–Sep;11(3):263–74

The relative merits of pulsus paradoxus and right ventricular diastolic collapse in the early detection of cardiac tamponade: an experimental echocardiographic study. Klopfenstein HS, et al. **Circulation** 1985 Apr;71(4):829–33

A microprocessor–based noninvasive arterial pulse wave analyzer. Lee JY, et al. **IEEE Trans Biomed Eng** 1985 Jun; 32(6):451–5

Frequency distribution of human pulse spectra. Wei LY, et al. **IEEE Trans Biomed Eng** 1985 Mar;32(3):245–6

On the double presystolic wave of the jugular tracing. Luisada AA, et al. **Indian Heart J** 1985 Mar–Apr;37(2):86–8

Pulsus alternans: a systolic phenomenon? [letter] Spodick DH. **J Am Coll Cardiol** 1984 Nov;4(5):1065–6

Changes in aortic bifurcation geometry during a cardiac cycle. Meyer RA, et al. **J Biomech** 1984;17(8):637–8

The pulseless club foot. Edelson JG, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):700–2

Pulse rate, blood pressure and body composition in black adolescents: the Philadelphia Blood Pressure Project. Schall JI, et al. **J Chronic Dis** 1985;38(3):241–51

Orthostatic changes in normovolemic children: an analysis of the 'tilt test'. Bergman GE, et al. **J Emerg Med** 1983; 1(2):137–41

Post tonsillectomy haemorrhage in children: The value of routine monitoring of the pulse. Canter RJ, et al. **J Laryngol Otol** 1984 Oct;98(10):993–5

Assessment of Hitachi HME–20 pulse and blood–pressure monitor. Northcote RJ, et al. **J Med Eng Technol** 1985 Jan–Feb;9(1):10–3

Pulse oximetry in pediatric intensive care: comparison with measured saturations and transcutaneous oxygen tension. Fanconi S, et al. **J Pediatr** 1985 Sep;107(3):362–6

Perioperative noninvasive hemodynamic ankle indices as predictors of infrainguinal graft patency. Samson RH, et al. **J Vasc Surg** 1985 Mar;2(2):307–311

Pulsatile tinnitus: a dehiscent jugular vein. Rouillard R, et al. **Laryngoscope** 1985 Feb;95(2):188–9

Effects of an inverted position on blood pressure, pulse rate, and deep tendon reflexes of healthy young adults. Rheault W, et al. **Phys Ther** 1985 Sep;65(9):1358–62

Effects of acute marijuana smoking on pulse rate and mood states in women. Lex BW, et al. **Psychopharmacology (Berlin)** 1984;84(2):178–87

Quantification of pulsatile flow during cardiopulmonary bypass to permit direct comparison of the effectiveness of various types of 'pulsatile' and 'nonpulsatile' flow. Grossi EA, et al. **Surgery** 1985 Sep;98(3):547–54

[Internal jugular venous pulse. An interesting diagnostic tool] Corcos T, et al. **Ann Cardiol Angeiol (Paris)** 1985 Feb; 34(2):97–9 (Eng. Abstr.) **(Fre)**

[Pulsus alternans: alternation of relaxation parameters] Lablanche JM, et al. **Arch Mal Coeur** 1984 Dec; 77(13):1540–6 (Eng. Abstr.) **(Fre)**

[Vascular functional exploratory methods enabling the assessment of the evolution of lower–limb arteriopathies in the critical phase. Pulpal pulsed signal, digital pressure, transcutaneous PO2 of the front of the foot. Preliminary notes] Becker F, et al. **J Mal Vasc** 1985;10 Suppl A:43–6 (Eng. Abstr.) **(Fre)**

[Optical measuring of pulse rate in free–ranging cattle kept in groups] Thielscher HH. **DTW** 1985 Mar 8;92(3):100–3 (Eng. Abstr.) **(Ger)**

[Oculo–oscillodynamography, a new procedure for the determination of ophthalmic artery blood pressure and ocular pulse curve analysis] Ulrich WD, et al. **Klin Monatsbl Augenheilkd** 1985 May;186(5):385–8 (Eng. Abstr.) **(Ger)**

[Simulation of arterial pulse curves in elastic tubes and a carotid preparation] Arnolds BJ, et al. **Ultraschall Med** 1984 Oct;5(5):231–6 (Eng. Abstr.) **(Ger)**

[Contribution to the development of preventive measures for children from industrial areas] Thielebeule U, et al. **Z Gesamte Hyg** 1985 Mar;31(3):174–6 (Eng. Abstr.) **(Ger)**

[Comparative clinical evaluation of left ventricular ejection time using carotid and ear pulses] Bernardi L, et al. **G Ital Cardiol** 1984 Oct;14(10):757–61 (Eng. Abstr.) **(Ita)**

[A fluid dynamic analysis of the development of anacrotic notch in the pressure wave in patients with semilunar valve stenosis––use of a catheter tip velocity–pressure transducer] Hanya S, et al. **Kokyu To Junkan** 1985 Apr;33(4):553–8 (Eng. Abstr.) **(Jpn)**

[Diagnostic significance of the indirect aortic pulse tracing in patients with complicated cardiac anomalies] Kusaka Y, et al. **Kokyu To Junkan** 1984 Sep;32(9):969–75 (Eng. Abstr.) **(Jpn)**

[Influence of intracranial components on intracranial pressure pulse wave] Matsumoto T. **Neurol Med Chir (Tokyo)** 1985 Jun;25(6):411–7 (Eng. Abstr.) **(Jpn)**

[Analysis of pulse wave recorded on epidural pressure in acute intracranial hypertension] Tokutomi T, et al. **Neurol Med Chir (Tokyo)** 1985 Jun;25(6):418–24 (Eng. Abstr.) **(Jpn)**

[Duration of the rise and fall intervals of the arterial pulse in the central and peripheral vascular systems in different human postures] Avetikian ShT. **Fiziol Cheloveka** 1984 Mar–Apr;10(2):276–80 **(Rus)**

[Analysis of additional informative signs in the peripheral pulse for the evaluation of the functional state of human operators] Desova AA, et al. **Fiziol Cheloveka** 1985 Mar–Apr;11(2):192–200 **(Rus)**

[Changes in the rate of pulse wave spreading through the arteries of an extremity during muscle contraction] Kantsans IaV, et al. **Fiziol Cheloveka** 1984 May–Jun; 10(3):426–9 **(Rus)**

[Method for the quantitative evaluation of intracranial volumetric pulsation based on PV test data] Pal'tsev EI. **Fiziol Cheloveka** 1984 Nov-Dec;10(6):1045-7 **(Rus)**

[Sphygmographic attachment to an echoscope] Tabin VI, et al. **Fiziol Zh** 1985 May-Jun;31(3):369-70 **(Rus)**

[Dynamics of the indices of variation pulsimetry in prostatic adenoma patients] Guseĭnov KhS. **Urol Nefrol (Mosk)** 1985 Mar-Apr;(2):26-8 (Eng. Abstr.) **(Rus)**

[Photosphygmography in obliterative arterial diseases of the lower extremities] Sigal ZM, et al. **Vestn Khir** 1985 Apr; 134(4):61-4 (Eng. Abstr.) **(Rus)**

[Nuclear gamma resonance method in studying eyeball pulsations] Astakhov IuS, et al. **Vestn Oftalmol** 1984 Sep-Oct;(5):54-7 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Effects of physostigmine on pulse, blood pressure, and serum epinephrine levels. Janowsky DS, et al. **Am J Psychiatry** 1985 Jun;142(6):738-40

A twin study of psychomotor and physiological responses to an acute dose of alcohol. Martin NG, et al. **Behav Genet** 1985 Jul;15(4):305-47

Effect of intramuscular atropine and glycopyrrolate on the cardiovascular response to tracheal intubation. Shipton EA, et al. **S Afr Med J** 1984 Oct 6;66(14):528-30

PULSE RADIOLYSIS see under **SPECTRUM ANALYSIS**

PULSELESS DISEASE see **AORTIC ARCH SYNDROMES**

PUNCHED-CARD SYSTEMS

INSTRUMENTATION

[Cartographic method of monitoring air pollution in the region] Datsenko II, et al. **Gig Sanit** 1985 Jan;(1):55-7 **(Rus)**

PUNCTURE BIOPSY see **BIOPSY, NEEDLE**

PUNCTURES

Circulatory shock due to ascites and responsive to paracentesis. McCullough KI, et al. **Am J Cardiol** 1985 Sep 1;56(7):500-1

A tympanocentesis learning aid. Weir MR, et al. **Am J Dis Child** 1985 Jun;139(6):553-4

Treatment of pyogenic splenic abscess by ultrasonically guided fine needle puncture. Wernecke K, et al. **Eur J Radiol** 1985 Aug;5(3):216-7

Percutaneous treatment of small bowel obstruction due to a gastrostomy tube. Handler E, et al. **J Can Assoc Radiol** 1984 Dec;35(4):401-3

Penetrating cardiac trauma [letter] Kennedy F. **J Trauma** 1985 Jan;25(1):94

Percutaneous removal of renal and ureteral calculi: experience with 400 cases. Reddy PK, et al. **J Urol** 1985 Oct;134(4):662-5

Aortofemoral bypass grafts: safety of percutaneous puncture. Da Silva JR, et al. **J Vasc Surg** 1984 Sep;1(5):642-5

Paracentesis for tense ascites [letter] **Lancet** 1985 Apr 27; 1(8435):992-3

Risk of transmission of HTLV-III by needle stick [letter] DuBeau CE. **N Engl J Med** 1985 Apr 25;312(17):1128-9

Transmission of hepatitis B without transmission of AIDS by accidental needlestick [letter] Gerberding JL, et al. **N Engl J Med** 1985 Jan 3;312(1):56-7

[Late treatment results with thoracocentesis and aspiration drainage in the pleural complications of acute suppurative lung diseases in childhood] Mikhaĭlova V, et al. **Khirurgiia (Sofiia)** 1984;37(4):245-50 (Eng. Abstr.) **(Bul)**

[Blood contacts and puncture accidents in hospital workers; an indication for vaccination against hepatitis B?] Botman MJ, et al. **Ned Tijdschr Geneeskd** 1984 Sep 15; 128(37):1761-5 (Eng. Abstr.) **(Dut)**

[Topographic anatomy of the caliceal stem: the colonic risk] Benoit G, et al. **Ann Urol (Paris)** 1985;19(3):190-2 (Eng. Abstr.) **(Fre)**

[DSA using fine needle puncture for the elimination of vascular complications in hemodialysis shunts] Arlart IP, et al. **Rontgenpraxis** 1985 Jun;38(6):200-5 **(Ger)**

[Stimulation of ovulation by follicular puncture] Lechner W. **Zentralbl Gynakol** 1985;107(5):308-10 (Eng. Abstr.) **(Ger)**

[Percutaneous nephrocentesis of fluid-containing masses under echotomographic control] Buffa G, et al. **Minerva Urol Nefrol** 1984 Jan-Mar;36(1):39-42 (Eng. Abstr.) **(Ita)**

ADVERSE EFFECTS

Two-dimensional echocardiographic detection of pericardiocentesis-induced intrapericardial thrombus. Lin CS, et al. **Chest** 1984 Nov;86(5):787-9

Granuloma annulare secondary to self-monitoring of blood glucose [letter] Renfrow L, et al. **Diabetes Care** 1985 Jan-Feb;8(1):101

Calcification following heel sticks [letter] Leung A. **J Pediatr** 1985 Jan;106(1):168

Pseudoaneurysm: a complication of faulty technique in femoral arterial puncture. Rapoport S, et al. **Radiology** 1985 Feb;154(2):529-30

Dissemination of carcinoma: unusual complication of percutaneous nephrostomy. Chiang MS, et al. **Urology** 1985 Apr;25(4):393-4

[Subclavian puncture—a routine procedure (?) Results and complications] Hutter K, et al. **Orv Hetil** 1985 Feb 3; 126(5):251-4 (Eng. Abstr.) **(Hun)**

[Catheterization of the subclavian veins by the subclavicular and supraclavicular approaches and complications associated with venous puncture and the use of the catheter] Antonov OS, et al. **Anesteziol Reanimatol** 1984 Jul-Aug;(4):64-7 (Eng. Abstr.) **(Rus)**

[Chylothorax in children] Pedemonte M, et al. **Rev Chil Pediatr** 1984 Sep-Oct;55(5):338-40 (Eng. Abstr.) **(Spa)**

INSTRUMENTATION

Patient evaluation of fingerstick devices [letter] McMahon MT, et al. **Diabetes Care** 1985 Jan-Feb;8(1):102-3

A new universal radiolucent handle. Cardella JF, et al. **Radiology** 1985 May;155(2):531

A new instrument for thoracentesis. Clarke JM. **Surg Gynecol Obstet** 1984 Dec;159(6):586-8

[Technical facilitation of lymphatic vessel puncture in lymphography] Eichner H. **Rontgenpraxis** 1985 Feb; 38(2):65-7 **(Ger)**

METHODS

Percutaneous gastrocystostomy: a new approach to pancreatic pseudocyst drainage. Bernardino ME, et al. **AJR** 1984 Nov;143(5):1096-7

Teaching venipuncture techniques to dental students. Fast TB, et al. **J Dent Educ** 1985 Sep;49(9):660-1

An ultrasonic needle guide for aiding percutaneous puncture of blood vessels. Kolb PJ. **J Med Eng Technol** 1985 Jan-Feb;9(1):14-7

Simplified tracheoesophageal puncture for insertion of voice prosthesis. Parker GA. **Laryngoscope** 1985 May;95(5):608

Cardiac tamponade: pericardiocentesis directed by two-dimensional echocardiography. Callahan JA, et al. **Mayo Clin Proc** 1985 May;60(5):344-7

Micropuncture of the tympanic membrane after tympanoplasty. Silverstein H, et al. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):224-6

Diagnostic percutaneous aspiration of the gallbladder. McGahan JP, et al. **Radiology** 1985 Jun;155(3):619-22

Combined retrograde and antegrade manipulations for percutaneous nephrolithotomy of ureteric calculi: 'push-pull' technique. Kellett MJ, et al. **Urology** 1985 Apr; 25(4):391-2

[Transabdominal aspiration of follicles using ultrasonically controlled puncture—a new method of obtaining human oocytes] Presl J. **Cesk Gynekol** 1984 Sep;49(8):601-2 **(Cze)**

[Echographically controlled ventricle punctures] Jeannin P, et al. **Tijdschr Kindergeneeskd** 1984 Jun;52(3):101-3 (Eng. Abstr.) **(Dut)**

[Decompression punctures in cystic organic degeneration (liver, kidneys) under ultrasonic control] Brockmann WP, et al. **Digitale Bilddiagn** 1985 Jun;5(2):80-4 (Eng. Abstr.) **(Ger)**

[Procedural ultrasonography] Jakubowski W. **Pol Przegl Radiol (Warszawa)** 1984 Jul-Aug;48(4):243-7 **(Pol)**

[Therapeutic puncture of liver abscesses under echographic control] Shalimov AA, et al. **Klin Khir** 1984 Sep;(9):1-4 (Eng. Abstr.) **(Rus)**

[Clinical evaluation of puncture and catheterization of the subclavian vein] Piatov VA. **Klin Med (Mosk)** 1984 Nov; 62(11):91-5 **(Rus)**

[Method of capillary epicystostomy] Zakharov VP, et al. **Voen Med Zh** 1985 Mar;(3):63 **(Rus)**

[Insertion of 2 catheters by the femoral vein route through a single puncture] Pella J, et al. **Cas Lek Cesk** 1985 Mar 29;124(13):411-2 (Eng. Abstr.) **(Slo)**

[Insertion of 2 catheters into a vein using a single puncture] Pella J, et al. **Cesk Radiol** 1985 May;39(3):188-92 (Eng. Abstr.) **(Slo)**

VETERINARY

Effects of enterocentesis on peritoneal fluid constituents in the horse. Schumacher J, et al. **J Am Vet Med Assoc** 1985 Jun 15;186(12):1301-3

[Comparative studies of rumen fluid samples obtained by using the Schambye-Sorensen sonde or by puncture of the caudoventral rumen sac] Hollberg W. **DTW** 1984 Sep 7; 91(9):317-20 (Eng. Abstr.) **(Ger)**

PUNISHMENT

Bottoms up! The fine arts and flagellation. Part I. Ober WB. **Am J Dermatopathol** 1984 Oct;6(5):451-60

Bottoms up! The fine arts and flagellation. Part II. Ober WB. **Am J Dermatopathol** 1984 Dec;6(6):541-52

To report or not to report. Physicians' attitudes toward discipline and child abuse. Morris JL, et al. **Am J Dis Child** 1985 Feb;139(2):194-7

The single-parent family and abusive child punishment. Sack WH, et al. **Am J Orthopsychiatry** 1985 Apr;55(2):252-9

On delay-of-punishment and preexposure time: effects on passive avoidance behavior in rats. Xavier GF, et al. **Braz J Med Biol Res** 1984;17(1):55-64

The menstrual cycle and punitiveness. Spencer SW, et al. **Health Psychol** 1984;3(2):143-55

Punishment as treatment and the obligations of treatment providers. Schopp RF. **Int J Law Psychiatry** 1984; 7(2):197-205

The positive side effects of reinforcement: a commentary on Balsam and Bondy (1983). Epstein R. **J Appl Behav Anal** 1985 Spring;18(1):73-80

An effect of immediate reinforcement and delayed punishment, with possible implications for self-control. Epstein R. **J Behav Ther Exp Psychiatry** 1984 Dec; 15(4):291-8

Reduction of self-injurious behavior in an autistic girl using a multifaceted treatment program. Jenson WR, et al. **J Behav Ther Exp Psychiatry** 1985 Mar;16(1):77-80

A survey of parental opinions on corporal punishment in schools. Kelly PC, et al. **J Dev Behav Pediatr** 1985 Jun; 6(3):143-5

Effects of serotonin receptor antagonists on punished responding maintained by stimulus-shock termination or food presentation in squirrel monkeys. Brady LS, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):106-12

Feebleness in South Africa [editorial] **Lancet** 1985 Jul 20; 2(8447):136

Potentiation of the behavioral effects of pentobarbital, chlordiazepoxide and ethanol by thyrotropin-releasing hormone. Witkin JM, et al. **Peptides (Fayetteville)** 1984 Jul-Aug;5(4):809-13

Behavioral suppression using intracranial reward and punishment: effects of benzodiazepines. Moriyama M, et al. **Pharmacol Biochem Behav** 1984 Nov;21(5):773-8

Effects of opiate antagonists and putative kappa agonists on unpunished and punished operant behavior in the rat. DeRossett SE, et al. **Psychopharmacology (Berlin)** 1985; 86(4):386-91

Beta-carbolines can enhance or antagonize the effects of punishment in mice. Stephens DN, et al. **Psychopharmacology (Berlin)** 1985;85(2):143-7

Effects of some volatile sedative-hypnotics on punished behavior. Witkin JM. **Psychopharmacology (Berlin)** 1984; 84(1):16-9

PUPA

ANATOMY & HISTOLOGY

[Status of disintegration and forensic value of empty fly pupae] Reiter C, et al. **Arch Kriminol** 1985 Jan-Feb; 175(1-2):47-56 **(Ger)**

PUPIL

see related
REFLEX, PUPILLARY

Emergency differentiation of vasovagal syncope from Stokes-Adams attack. Craig IH. **Am J Cardiol** 1984 Nov 1;54(8):1155

Pupillary block with flexible anterior chamber intraocular lenses. Passo MS, et al. **Am J Ophthalmol** 1985 May 15; 99(5):603-4

Argon laser photomydriasis during vitrectomy surgery [letter] Stern WH. **Am J Ophthalmol** 1985 Mar 15; 99(3):366-7

Pupillary abnormalities in congenital neurosyphilis. Sundaram MB. **Can J Neurol Sci** 1985 May;12(2):134-5

Release of pupillary entrapment of a posterior chamber phacoprosthesis [letter] Girard LJ, et al. **J Am Intraocul Implant Soc** 1985 Jan;11(1):64-5

Cortical and subcortical pathways for pupillary reactions in rabbits. Inoue T, et al. **Jpn J Ophthalmol** 1985;29(1):63-70

The pupil and its disorders. Selhorst JB. **Neurol Clin** 1983 Nov;1(4):859-81 (46 ref.)

Fine structure, origin, and distribution density of the autonomic nerve endings in the sphincter and dilator muscles of the pupil of the mouse. Yamashita T, et al. **Okajimas Folia Anat Jpn** 1984 Aug;61(2-3):173-81

Fine structure of the sphincter and dilator muscles of the pupil of the mouse. Yamashita T. **Okajimas Folia Anat Jpn** 1984 Aug;61(2-3):161-5

Innervation of the human pupillary sphincter muscle by nerve fibers immunoreactive to substance P. Tervo T, et al. **Ophthalmic Res** 1985;17(2):111-4

[Lactescence of the cornea and persistence of pupillary vascularization as indicators of maturity status and gestational age of the newborn infants weighing less than 1500 g.] Frosini R, et al. **Minerva Pediatr** 1985 Feb 28; 37(4):149-56 (Eng. Abstr.) **(Ita)**

ABNORMALITIES

[Persistent pupillary membranes in a cynomolgus monkey] Suzuki MT, et al. **Jikken Dobutsu** 1985 Jan;34(1):81-4 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Effects of aniseikonia, anisometropia, accommodation, retinal illuminance, and pupil size on stereopsis. Lovasik JV, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):741-50

ANATOMY & HISTOLOGY

Interpupillary and internipple distances and ear lengths in Nigerian newborns. Ejiwunmi AB, et al. **Ann Trop Paediatr** 1984 Jun;4(2):103-6

Relationship between the mesiodistal width of the maxillary central incisor and interpupillary distance. Cesario VA Jr, et al. **J Prosthet Dent** 1984 Nov;52(5):641-3

DRUG EFFECTS

Mydriasis and conjunctival paresthesia from local gentamicin [letter] Awan KJ. **Am J Ophthalmol** 1985 Jun 15; 99(6):723-4

The cocaine test in normal patients [letter] Friedman JR, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):808-10

Sector pupil dilation with phenylephrine and tropicamide. Chang FW, et al. **Am J Optom Physiol Opt** 1985 Jul; 62(7):482-6

Clinical trial of flurbiprofen to maintain pupillary dilation during cataract surgery. Keates RH, et al. **Ann Ophthalmol** 1984 Oct;16(10):919-21

Comparison of the ocular effects of atropine or glycopyrrolate with two I.V. induction agents. Greenan J, et al. **Br J Anaesth** 1985 Feb;57(2):180-3

Comparison of the effects of chronic administration of ciclazindol and desipramine on pupillary responses to tyramine, methoxamine and pilocarpine in healthy volunteers. Kerr FA, et al. **Br J Clin Pharmacol** 1985 May; 19(5):639-47

Effects of centrally depressant drugs on pupillary function: significance for normal and diseased subjects. Safran AB. **Br J Clin Pharmacol** 1984;18 Suppl 1:91S-93S

Ocular side effects of disopyramide. Frucht J, et al. **Br J Ophthalmol** 1984 Dec;68(12):890-1

Mydriatic drugs for diabetic patients. Huber MJ, et al. **Br J Ophthalmol** 1985 Jun;69(6):425-7

Morphine toxicity with dilated pupils [letter] Shelly MP, et al. **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1071-2

Anisocoria after anaesthesia. Stirt JA, et al. **Can Anaesth Soc J** 1985 Jul;32(4):422-4

Controlled release of pilocarpine hydrochloride from ethylene-vinyl alcohol copolymer matrices. Hou WM, et al. **Chem Pharm Bull (Tokyo)** 1985 Mar;33(3):1242-8

Diagnostic pharmacology of the pupil. Lepore FE. **Clin Neuropharmacol** 1985;8(1):27-37 (47 ref.)

Pupillary response to methadone challenge in heroin users. Higgins ST, et al. **Clin Pharmacol Ther** 1985 Apr; 37(4):460-3

Pupillary supersensitivity to substance P following prolonged treatment with tetrodotoxin or substance P antagonists. Bynke G, et al. **Eur J Pharmacol** 1985 Feb 5;108(3):217-23

Pupillary constriction by bradykinin and capsaicin: mode of action. Wahlestedt C, et al. **Eur J Pharmacol** 1984 Nov 27;106(3):577-83

The effect of topical prostacyclin on ocular pressure and pupil size in the pigmented rabbit. Hoyng FJ. **Exp Eye Res** 1985 Jan;40(1):161-5

The intraocular pressure and the pupillary responses of conscious rabbits to racemic erythro-alpha-methylnorepinephrine. Langham ME. **Exp Eye Res** 1984 Dec;39(6):781-90

Atropine propranolol interaction on pupil size and heart rate of conscious rabbits. Tripathi KD, et al. **Indian J Exp Biol** 1984 Mar;22(3):145-8

Asymmetric mydriatic response to topical tyramine in cluster headache relatives. Fanciullacci M, et al. **Int J Clin Pharmacol Res** 1984;4(3):247-52

Non-contact tonometry and pupillary responses to topical phenylephrine and thymoxamine. Ramsden RJ, et al. **Int J Clin Pharmacol Res** 1985;5(3):213-4

Effects of aminotetralins on intraocular pressure and pupillary function in rabbits. Burke JA, et al. **J Auton Pharmacol** 1984 Sep;4(3):185-92

Relationship of morphine-induced miosis to plasma concentration in normal subjects. Fedder IL, et al. **J Pharm Sci** 1984 Oct;73(10):1496-7

Morphine-induced mydriasis and inhibition of pupillary light reflex and fluctuations in the cat. Pickworth WB, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):603-6

Anisocoria from scopolamine patches [letter] **JAMA** 1985 Oct 4;254(13):1720-1

Anisocoria from scopolamine patches [letter] Price BH. **JAMA** 1985 Mar 15;253(11):1561

Differentiating opioids by their pupillary effects in the rat. Robin M, et al. **Life Sci** 1985 Apr 29;36(17):1669-77

Studies on the mechanism of clonidine-induced mydriasis in the rat. Hey JA, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan; 328(3):258-63

The effects of alaproclate on the pupillary responses to tyramine, phenylephrine and pilocarpine in depressed patients. Thompson C, et al. **Psychopharmacology (Berlin)** 1985;85(1):65-8

[Areactive bilateral mydriasis and thiopental in neurologic intensive care (letter)] Desbordes JM, et al. **Ann Fr Anesth Reanim** 1984;3(6):470 **(Fre)**

[Proposal for the medical treatment of pupillary capture in posterior chamber implants] Lagoutte F, et al. **Bull Soc Ophtalmol Fr** 1984 Jun-Jul;84(6-7):783-4 **(Fre)**

[Action of indalpine on the pupil diameter in the healthy volunteer] Brion N, et al. **Therapie** 1985 Jan-Feb;40(1):9-11 (Eng. Abstr.) **(Fre)**

[Neurotransmitter control of pupillary motoricity in man] De Marinis M, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2353-8 (Eng. Abstr.) **(Ita)**

[Fixed mydriasis in hemorrhagic shock treated with dopamine] Longhi A, et al. **Minerva Anestesiol** 1984 Nov; 50(11):551-3 (Eng. Abstr.) **(Ita)**

[Effects of intravenous infusion of prostaglandin E1 on intraocular pressure, pupil diameter and blood-aqueous barrier in man] Namba H, et al. **Nippon Ganka Gakkai Zasshi** 1984 Sep;88(9):1250-4 (Eng. Abstr.) **(Jpn)**

[Provocation tests in closed-angle glaucoma] Cernea P, et al. **Rev Chir [Oftalmol]** 1985 Apr-Jun;29(2):87-94 (Eng. Abstr.) **(Rum)**

PHYSIOLOGY

Bell's palsy and pupillary response. Mori H, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;419:143-8

Episodic unilateral mydriasis and migraine [letter] Sarkies NJ, et al. **Am J Ophthalmol** 1985 Feb 15;99(2):217-8

Shape of the Stiles-Crawford function for traverses of the entrance pupil not passing through the peak of sensitivity. Lakshminarayanan V, et al. **Am J Optom Physiol Opt** 1985 Feb;62(2):127-8

Systems model for pupil size effect. II. Feedback model. Krenz WC, et al. **Biol Cybern** 1985;51(6):391-7

The relationship between feline pupil size and luminance. Hammond P, et al. **Exp Brain Res** 1985;59(3):485-90

The near response: modeling, instrumentation, and clinical applications. Hung GK, et al. **IEEE Trans Biomed Eng** 1984 Dec;31(12):910-9 (121 ref.)

The pupil as a paradigm for neurological control systems. Stark LW. **IEEE Trans Biomed Eng** 1984 Dec; 31(12):919-24 (63 ref.)

Spatial pattern as a stimulus to the pupillary system. Ukai K. **J Opt Soc Am [A]** 1985 Jul;2(7):1094-100

Failure of pupillary dilation in early choroidal detachment. Mansour AM, et al. **Ophthalmic Surg** 1985 Jun;16(6):394-5

Pupil increment thresholds are influenced by color opponent mechanisms. Krastel H, et al. **Ophthalmologica** 1985; 191(1):35-8

Pupillary dilations in movement preparation and execution. Richer F, et al. **Psychophysiology** 1985 Mar;22(2):204-7

[Frequency of flicker stimulus-dependent pupillary oscillation in diabetics] Alexandridis E, et al. **Fortschr Ophthalmol** 1985;82(2):187-8 (Eng. Abstr.) **(Ger)**

[The inhibitory cholinergic innervation of the dilator on the movement of the pupil] Suzuki R, et al. **Nippon Ganka Gakkai Zasshi** 1984 Dec;88(12):1555-7 (Eng. Abstr.) **(Jpn)**

[Compensation of anisocoria in cats following transection of the optic tract: the role of subcortical commissures] Fedan VA, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):269-71 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Pupillary defects in retinitis pigmentosa. Jiang MQ, et al. **Am J Ophthalmol** 1985 May 15;99(5):607-8

Functional difficulties resulting from traumatic anisocoria. Peli E. **Am J Optom Physiol Opt** 1984 Aug;61(8):548-50

Relative afferent pupillary defect [letter] Thompson HS, et al. **Arch Neurol** 1985 Jun;42(6):516

Monocular blindness with preserved pupillary reflexes [letter] Wertenbaker C, et al. **Arch Neurol** 1985 Jun;42(6):515-6

Pupillary constriction to darkness. Price MJ, et al. **Br J Ophthalmol** 1985 Mar;69(3):205-11

Paradoxic pupillary constriction in a patient with congenital stationary night blindness. Myers GA, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):736-40

Pupillary measures of binocular luminance summation in infants and stereoblind adults. Shea SL, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1064-70

Ocular signs indicating brain edema in acute cerebral focal ischemia--a partial controversy. Ionescu DA. **Neurol Psychiatr (Bucur)** 1984 Oct-Dec;22(4):263-8

[Recurrent internal ophthalmoplegia representing 'unilateral springing pupil'] Takeshima M, et al. **Rinsho Shinkeigaku** 1984 Oct;24(10):1023-7 (Eng. Abstr.) **(Jpn)**

PUPPETS see **PLAY AND PLAYTHINGS**

PURCHASING, HOSPITAL

see related
EQUIPMENT AND SUPPLIES, HOSPITAL

Operating room managers play an important role in purchase decisions. Koch N. **AORN J** 1985 Jul;42(1):18-21, 24

Equipment planning and purchasing: computers lighten load. Leigh-Mossley PF, et al. **Dimens Health Serv** 1984 Oct; 61(9):30-1

Questions to ask before buying an NMR unit. Blakesley D. **Prog Nucl Med** 1984;8:171-2

ECONOMICS

Reducing drug expenditures in a small hospital. Dotson TL. **Am J Hosp Pharm** 1985 Jul;42(7):1575-6

Challenges in purchasing and inventory control. McAllister JC 3d. **Am J Hosp Pharm** 1985 Jun;42(6):1370-3

Feasibility of prime vendor purchasing for a state university hospital. Olson SM, et al. **Am J Hosp Pharm** 1985 Mar; 42(3):566-70

An urban hospital model for dynamic economic development. Usdin L, et al. **Hospitals** 1985 May 1; 59(9):86-8

Equipment compatibility, cost containment, and purchasing policies. Hargest TS. **Med Instrum** 1985 Jan-Feb;19(1):43-4

LEGISLATION & JURISPRUDENCE

Robinson-Patman update: De Modena v. Kaiser Foundation Health Plan. Greenberg RB. **Am J Hosp Pharm** 1985 Jul; 42(7):1572-4

METHODS

Planning and coordinating pharmaceutical purchasing. Buchanan EC. **Am J Hosp Pharm** 1984 Sep;41(9):1829-34

Monitoring a primary wholesaler depot program. Christensen DB, et al. **Am J Hosp Pharm** 1984 Sep;41(9):1778-82

Bid purchasing of radiopharmaceuticals and radiopaque contrast media. Swanson DP, et al. **Am J Hosp Pharm** 1985 Jul;42(7):1532-6

Cost strategies of CEOs and materials managers diverge. **Hospitals** 1985 Aug 16;59(16):120

ORGANIZATION & ADMINISTRATION

Administrative reports for monitoring pharmacy purchasing. Chin RK. **Am J Hosp Pharm** 1984 Nov;41(11):2363-6

Evaluating group purchasing through a prime vendor. Johnson LH, et al. **Am J Hosp Pharm** 1984 Sep; 41(9):1783-8

Another look at prime-vendor cost savings [letter] Olson S. **Am J Hosp Pharm** 1985 Feb;42(2):282, 287

STANDARDS

Quality assurance standards for purchasing and inventory control. Soares DP. **Am J Hosp Pharm** 1985 Mar; 42(3):610-20

TRENDS

Suppliers squeezed by shorter stays and lower demand. Shannon K. **Hospitals** 1984 Dec 16;58(24):46-8

PURE RED CELL APLASIA see **RED CELL APLASIA, PURE**

PURGATIVES see **CATHARTICS**

PURINE NUCLEOSIDE PHOSPHORYLASES see under **PENTOSYLTRANSFERASES**

PURINE NUCLEOSIDES

ANALYSIS

Conformations of 3-methylpurine nucleosides: implications on the structure of DNA duplexes. Rao SN, et al. **Indian J Biochem Biophys** 1984 Aug;21(4):222-6

BLOOD

Purine metabolism in human T lymphocytes: role of the purine nucleoside cycle. Cohen A, et al. **Can J Biochem Cell Biol** 1984 Jul;62(7):577-83

CHEMICAL SYNTHESIS

Potential inhibitors of S-adenosylmethionine-dependent methyltransferases. 9. 2',3'-Dialdehyde derivatives of carbocyclic purine nucleosides as inhibitors of S-adenosylhomocysteine hydrolase. Houston DM, et al. **J Med Chem** 1985 Apr;28(4):471-7

Nucleic acid related compounds. 47. Synthesis and biological activities of pyrimidine and purine 'acyclic' nucleoside analogues. Robins MJ, et al. **J Med Chem** 1984 Nov; 27(11):1486-92

Synthesis and antiviral activity of carbocyclic analogues of 2'-deoxyribofuranosides of 2-amino-6-substituted-purines and of 2-amino-6-substituted-8-azapurines. Shealy YF, et al. **J Med Chem** 1984 Nov;27(11):1416-21

Carbocyclic analogues of xylofuranosylpurine nucleosides. Synthesis and antitumor activity. Vince R, et al. **J Med Chem** 1984 Oct;27(10):1358-60

Synthesis and properties of 2'-deoxy-8,2'-methylene-cyclopurine nucleosides. Matsuda A, et al. **Nucleic Acids Symp Ser** 1984;(15):57-9

Systematic synthesis of purine 8,5'-imino and substituted imino cyclonucleosides. Sasaki T, et al. **Nucleic Acids Symp Ser** 1984;(15):53-6

METABOLISM

Purine salvage pathways in myocardium. Manfredi JP, et al. **Annu Rev Physiol** 1985;47:691-705 (111 ref.)

Concentrative transport of purine nucleosides in brush border vesicles of the rat kidney. Le Hir M, et al. **Eur J Clin Invest** 1985 Jun;15(3):121-7

PHARMACODYNAMICS

Purine nucleoside and nucleotide regulation of high affinity [3H]glutamate and [3H]aspartate uptake into rat brain synaptosomes. Arbuthnot PB, et al. **Int J Biochem** 1985; 17(6):753-5

Decreased methionine synthesis in purine nucleoside-treated T and B lymphoblasts and reversal by homocysteine. Boss GR, et al. **J Clin Invest** 1984 Oct;74(4):1262-8

PURINE NUCLEOTIDES

BIOSYNTHESIS

The regulation of purine ribonucleotide metabolism by glucocorticoids in the rat. Marinello E, et al. **Horm Metab Res** 1985 May;17(5):262-3

Purine nucleotide synthesis in adrenal chromaffin cells. Rotllán P, et al. **J Neurochem** 1985 Apr;44(4):1029-36

BLOOD

Liquid-chromatographic measurement of purine nucleotides in blood cells. Boulieu R, et al. **Clin Chem** 1985 May; 31(5):727-31

ISOLATION & PURIFICATION

Measurement of tissue purine, pyrimidine, and other nucleotides by radial compression high-performance liquid chromatography. Reiss PD, et al. **Anal Biochem** 1984 Jul; 140(1):162-71

METABOLISM

Is the purine nucleotide cycle important in heart muscle? Taegtmeyer H. **Adv Myocardiol** 1985;6:165-72

Purine salvage pathways in myocardium. Manfredi JP, et al. **Annu Rev Physiol** 1985;47:691-705 (111 ref.)

Control of the purine nucleotide cycle in extracts of rat skeletal muscle: effects of energy state and concentrations of cycle intermediates. Manfredi JP, et al. **Arch Biochem Biophys** 1984 Sep;233(2):515-29

Interrelation between salvage of purine nucleotides and protein synthesis in rat heart cells. Ravid K, et al. **Arch Biochem Biophys** 1985 Jan;236(1):159-66

Purine nucleotide imbalance in immunodeficiency disorders. Ammann AJ. **Basic Life Sci** 1985;31:487-502 (45 ref.)

Purine nucleotide metabolism in resident and activated rat macrophages in vitro. Barankiewicz J, et al. **Eur J Immunol** 1985 Jun;15(6):627-31

Peculiar purine nucleotides and liver regeneration. Bissell DM. **Gastroenterology** 1985 Oct;89(4):914-6

Disruption of the purine nucleotide cycle by inhibition of adenylosuccinate lyase produces skeletal muscle dysfunction. Swain JL, et al. **J Clin Invest** 1984 Oct; 74(4):1422-7

Catabolic pathways of purine ribonucleotides and deoxyribonucleotides in lymphocytes. Cohen A, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):437-41

[Simulation of the effects of radiation injury of DNA and genetic hazards of radionuclide decay. Dehydration of purine nucleotides during decay of an incorporated tritium] Korolev VG, et al. **Radiobiologiia** 1984 Sep-Oct; 24(5):659-62 (Eng. Abstr.) **(Rus)**

[Enzymes of purine nucleotide catabolism in lymphocytes in normal states and in chronic lymphoid leukemia] Filanovskaia LI, et al. **Vopr Med Khim** 1985 May-Jun; 31(3):48-53 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Purine nucleotides stimulate while carbamoyl phosphate protects inactivation of ornithine transcarbamoylase by disrupted lysosomes. Navarro A, et al. **Eur J Biochem** 1985 May 15;149(1):175-80

Purine nucleoside and nucleotide regulation of high affinity [3H]glutamate and [3H]aspartate uptake into rat brain synaptosomes. Arbuthnot PB, et al. **Int J Biochem** 1985; 17(6):753-5

[Genetic activity of base analogs in Salmonella typhimurium and Escherichia coli and Saccharomyces cerevisiae] Pavlov IuI, et al. **Genetika (Moskva)** 1984 Aug;20(8):1270-8 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Vasoactive intestinal peptide. Relaxant neurotransmitter in tenia coli of the guinea pig. Grider JR, et al. **Gastroenterology** 1985 Jul;89(1):36-42

PURINE-PYRIMIDINE METABOLISM, INBORN ERRORS

BLOOD

Asymptomatic xanthinuria detected as a result of routine analysis of serum for urate [letter] Bennett MJ, et al. **Clin Chem** 1985 Mar;31(3):492

COMPLICATIONS

Immunodeficiencies associated with errors in purine metabolism. Edwards NL. **Med Clin North Am** 1985 May; 69(3):505-18 (69 ref.)

[Borderline neuropsychiatric disorders in purine metabolism disorders in children] Astakhova LN, et al. **Zh Nevropatol Psikhiatr** 1985;85(3):421-6 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

[Determination and significance of adenine in the urine and the serum of a patient with congenital adenine phosphoribosyltransferase deficiency] Noro T, et al. **Rinsho Byori** 1985 Jan;33(1):89-94 **(Jpn)**

[Clinical characteristics of the psychopathological variant of hereditary purinosis] Bulakhova LA, et al. **Zh Nevropatol Psikhiatr** 1984;84(9):1350-3 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Dihydropyrimidine dehydrogenase deficiency leading to thymine-uraciluria. An inborn error of pyrimidine metabolism. Berger R, et al. **Clin Chim Acta** 1984 Aug 31; 141(2-3):227-34

EHNA is a poor inhibitor of deoxyadenosine catabolism in cultured human lymphocytes. Goday A, et al. **Rev Esp Fisiol** 1985 Mar;41(1):49-54

FAMILIAL & GENETIC

Inherited disorders of purine metabolism--underlying molecular mechanisms. Gutensohn W. **Klin Wochenschr** 1984 Oct 15;62(20):953-62

An inborn error of purine metabolism, deafness and neurodevelopmental abnormality. Simmonds HA, et al. **Neuropediatrics** 1985 May;16(2):106-8

[Behavior of serum acid levels in children in comparison with adults and the incidence of purine metabolism disorders and concomitant diseases in children of families with gout] Schröder HE, et al. **Z Gesamte Inn Med** 1985 Apr 15; 40(8):221-6 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

Role of purines in lymphocyte function. Webster HK. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):311-17 (45 ref.)

METABOLISM

Hypoxanthine and xanthine concentrations determined by high performance liquid chromatography in biological fluids from patients with xanthinuria. Boulieu R, et al. **Clin Chim Acta** 1984 Sep 15;142(1):83-9

Pregnancy in xanthinuria: demonstration of fetal uric acid production? Simmonds HA, et al. **J Inherited Metab Dis** 1984;7(2):77-9

Familial pyrimidinemia and pyrimidinuria associated with severe fluorouracil toxicity. Tuchman M, et al. **N Engl J Med** 1985 Jul 25;313(4):245-9

Disorders associated with purine and pyrimidine metabolism. Edwards NL, et al. **Spec Top Endocrinol Metab** 1984; 6:95-140 (138 ref.)

PURINES

Base-pairing properties of O-methylated bases of nucleic acids. Energetic and steric considerations. Pohorille A, et al. **Biophys Chem** 1985 Jun;22(1-2):37-51 (63 ref.)

Theoretical studies on protein-nucleic acid interactions. III. Stacking of aromatic amino acids with bases and base pairs of nucleic acids. Kumar NV, et al. **Biopolymers** 1984 Oct; 23(10):2009-24

Theoretical studies on protein-nucleic acid interactions. II. Hydrogen bonding of amino acid side chains with bases and base pairs of nucleic acids. Kumar NV, et al. **Biopolymers** 1984 Oct;23(10):1995-2008

Apurinic sites as mutagenic intermediates. Loeb LA. **Cell** 1985 Mar;40(3):483-4 (19 ref.)

Depurination of benzo[a]pyrene-diolepoxide treated DNA. Osborne M, et al. **Chem Biol Interact** 1985 Feb-Apr; 53(1-2):183-95

Nomenclature Committee of the International Union of Biochemistry (NC-IUB). Nomenclature for incompletely specified bases in nucleic acid sequences. Recommendations 1984. **Eur J Biochem** 1985 Jul 1;150(1):1-5

Novel rearrangement of purines. Barak A, et al. **Experientia** 1985 Feb 15;41(2):248-51

Separate regulation of purA and purB loci of Escherichia coli K-12. Wolfe SA, et al. **J Bacteriol** 1985 May; 162(2):822-5

Mutagenic effect and mutation spectrum induced by 3H decay in the 8th position of DNA purine bases in Saccharomyces cerevisiae. Korolev VG, et al. **Mutat Res** 1985 May;149(3):359-64

Synthesis, structure, and hypochromism of (2,9)(6,9)purinophane. Hama F, et al. **Nucleic Acids Symp Ser** 1984;(15):17-20

ANALYSIS

Single-run high-performance liquid chromatography of nucleotides, nucleosides, and major purine bases and its application to different tissue extracts. Wynants J, et al. **Anal Biochem** 1985 Jan;144(1):258-66

Brain benzodiazepine receptor binding and purine concentration in Lesch-Nyhan syndrome. Kish SJ, et al. **Brain Res** 1985 Jun 10;336(1):117-23

Presence of 2-methylthioribosyl-trans-zeatin in Azotobacter vinelandii tRNA. Ajitkumar P, et al. **J Bacteriol** 1985 May; 162(2):752-5

High-performance liquid chromatographic method for the analysis of purine and pyrimidine bases, ribonucleosides and deoxyribonucleosides in biological fluids. Boulieu R, et al. **J Chromatogr** 1985 May 3;339(2):380-7

Microbore packed-column anion-exchange liquid chromatography of nucleobases, nucleosides and nucleotides. Rokushika S, et al. **J Chromatogr** 1985 Mar 1;320(2):335-42

New, ionic side-products in oligonucleotide synthesis: formation and reactivity of fluorescent N-/purin-6-yl/pyridinium salts. Adamiak RW, et al. **Nucleic Acids Res** 1985 Apr 25;13(8):2989-3003

[Non-invasive evaluation of the viability of the myocardium in heart preservation. An experimental study] Kaneko M, et al. **Nippon Rinsho** 1985 May;43(5):1046-50 **(Jpn)**

ANTAGONISTS & INHIBITORS

Protection of normal hematopoietic stem cells from the toxicity of purine base analogs: in vivo application. Epstein J, et al. **Cancer Treat Rep** 1984 Sep;68(9):1153-6

BIOSYNTHESIS

Conversion of N6-isopentenyladenine to zeatin by Actinidia tissues. Einset JW. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):470-4

Effect of cobalamin inactivation on folate-dependent transformylases involved in purine synthesis in rats. Deacon R, et al. **Biochem J** 1985 Apr 1;227(1):67-71

Evidence that the folate-requiring enzymes of de novo purine biosynthesis are encoded by individual mRNAs. Wasserman GF, et al. **Biochemistry** 1984 Dec 18; 23(26):6704-10

Purine enzymology of human colon carcinomas. Natsumeda Y, et al. **Cancer Res** 1985 Jun;45(6):2556-9

Cyanopyrazoles as analogs of purine precursors--II. Effects on macromolecular synthesis and cell cycle progression. Grancharov KC, et al. **Int J Biochem** 1985;17(5):619-24

Cyanopyrazoles as analogs of purine precursors--I. Inhibitory effect on purine biosynthesis de novo. Spassova MK, et al. **Int J Biochem** 1984;16(10):1091-4

Cobalamin inactivation decreases purine and methionine synthesis in cultured lymphoblasts. Boss GR. **J Clin Invest** 1985 Jul;76(1):213-8

Molecular cloning of genes involved in purine biosynthetic and salvage pathways of Salmonella typhimurium. O'Reilly C, et al. **MGG** 1984;196(1):152-7

BLOOD

Human cyclic hematopoiesis is associated with aberrant purine metabolism. Osborne WR, et al. **J Lab Clin Med** 1985 Apr;105(4):403-9

[Purine metabolism and blastogenesis in lymphocytes of alcoholic subjects] Levallois C, et al. **Ann Med Interne (Paris)** 1985;136(3):219-21 (Eng. Abstr.) **(Fre)**

[Ambulatory weight reduction program and possible effects on lipid and purine metabolism] Hugk D, et al. **Z Gesamte Inn Med** 1985 Feb 15;40(4):126-9 (Eng. Abstr.) **(Ger)**

[Behavior of serum acid levels in children in comparison with adults and the incidence of purine metabolism disorders and concomitant diseases in children of families with gout] Schröder HE, et al. **Z Gesamte Inn Med** 1985 Apr 15; 40(8):221-6 (Eng. Abstr.) **(Ger)**

[State of lipid and purine metabolism in children with a family history of ischemic heart disease] Makarova VIu. **Pediatriia** 1984 Nov;(11):8-10 (Eng. Abstr.) **(Rus)**

CHEMICAL SYNTHESIS

Synthesis and antiviral activity of carbocyclic analogues of 2'-deoxyribofuranosides of 2-amino-6-substituted-purines and of 2-amino-6-substituted-8-azapurines. Shealy YF, et al. **J Med Chem** 1984 Nov;27(11):1416-21

Abiotic synthesis of purines and other heterocyclic compounds by the action of electrical discharges. Yuasa S, et al. **J Mol Evol** 1984;21(1):76-80

Synthesis, structure, and hypochromism of (2,9)(6,9)purinophane. Hama F, et al. **Nucleic Acids Symp Ser** 1984;(15):17-20

Syntheses based on the tautomerism of purine and pyrimidine derivatives. Kondo K, et al. **Nucleic Acids Symp Ser** 1984; (15):9-12

ISOLATION & PURIFICATION

HPLC analysis of E. coli rRNA on ASAHIPAK GS-520 and nucleobases, nucleosides and nucleotides on ASAHIPAK GS-320. Yasukawa K, et al. **Nucleic Acids Symp Ser** 1984;(15):109-12

Isolation of the adducts of platinum complexes and nucleic acid bases on the Dowex 50 W column. Oliński R, et al. **Z Naturforsch [C]** 1984 Nov-Dec;39(11-12):1052-6

METABOLISM

Changes in acid-base status, lactate concentration and purine metabolites during reconstructive aortic surgery. Schoenberg MH, et al. **Acta Chir Scand** 1985;151(3):227-33

Inhibition and recovery of the replication of depurinated parvovirus DNA in mouse fibroblasts. Vos JM, et al. **Adv Exp Med Biol** 1984;179:143-50

Purine metabolism and urate biosynthesis in isolated chicken hepatocytes. Burns RA, et al. **Arch Biochem Biophys** 1984 Sep;233(2):507-14

The effect of formycin B on mRNA translation and uptake of purine precursors in Leishmania mexicana. Nolan LL, et al. **Biochem Int** 1984 Aug;9(2):207-18

The activities of enzymes of purine metabolism in murine thymus dependent lymphocytes. Sidi Y, et al. **Biomed Pharmacother** 1984;38(9-10):455-8

Purinoceptor mediated stimulation of prostacyclin release in the porcine pulmonary vasculature. Hellewell PG, et al. **Br J Pharmacol** 1984 Oct;83(2):457–62

Distribution of enzymes of purine metabolism in lymphocytes of horse, Equus caballus. Magnuson NS, et al. **Comp Biochem Physiol [B]** 1985;81(2):459–65

Metabolic investigations of fibroblasts from horses, Equus caballus, with hereditary severe combined immunodeficiency. Magnuson NS, et al. **Comp Biochem Physiol [B]** 1985;81(3):781–6

Concurrent releases of norepinephrine and purines by potassium from adrenergic melanosome–aggregating nerve in tilapia. Kumazawa T, et al. **Comp Biochem Physiol [C]** 1984;78(2):263–6

Computer simulation of purine metabolism. Franco R, et al. **Eur J Biochem** 1984 Oct 15;144(2):305–15

Specificity of P2–purinoceptor that mediates endothelium–dependent relaxation of the pig aorta. Martin W, et al. **Eur J Pharmacol** 1985 Feb 5;108(3):295–9

Leishmania mexicana: purine–metabolizing enzymes of amastigotes and promastigotes. Hassan HF, et al. **Exp Parasitol** 1985 Apr;59(2):139–50

Excess purine degradation in exercising muscles of patients with glycogen storage disease types V and VII. Mineo I, et al. **J Clin Invest** 1985 Aug;76(2):556–60

The all2 gene is required for the induction of the purine deamination pathway in Schizosaccharomyces pombe. Fluri R, et al. **J Gen Microbiol** 1985 Mar;131 (Pt 3):527–32

Release of purines, noradrenaline, and GABA from rat hippocampal slices by field stimulation. Jonzon B, et al. **J Neurochem** 1985 Jan;44(1):217–24

Lesch–Nyhan syndrome, caffeine model: increase of purine and pyrimidine enzymes in rat brain. Miñana MD, et al. **J Neurochem** 1984 Dec;43(6):1556–60

Potassium–stimulated purine release by cultured sympathetic neurons. Wolinsky EJ, et al. **J Neurosci** 1985 Jul; 5(7):1680–7

Inherited disorders of purine metabolism—underlying molecular mechanisms. Gutensohn W. **Klin Wochenschr** 1984 Oct 15;62(20):953–62

An infantile autistic syndrome characterised by the presence of succinylpurines in body fluids. Jaeken J, et al. **Lancet** 1984 Nov 10;2(8411):1058–61

Purine and pyrimidine metabolism in the Trypanosomatidae. Hammond DJ, et al. **Mol Biochem Parasitol** 1984 Nov; 13(3):243–61 (106 ref.)

Purine metabolism in the intact sporozoites and merozoites of Eimeria tenella. LaFon SW, et al. **Mol Biochem Parasitol** 1985 Jan;14(1):11–22

Organic calcium channel blockers enhance [3H]purine release from rat brain cortical synaptosomes. Wu PH, et al. **Neurochem Res** 1984 Aug;9(8):1019–31

Purine re–utilization in normal and malignant cells of human placental origin. Vettenranta K, et al. **Placenta** 1984 Jul–Aug;5(4):315–22

In situ enzymatic reclosure of opened imidazole rings of purines in DNA damaged by gamma–irradiation. Chetsanga CJ, et al. **Proc Natl Acad Sci USA** 1985 Feb; 82(3):633–7

Regulation of purine metabolism in lymphocytes. Henderson JF, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):419–26

Inosine 5'–monophosphate vs inosine and hypoxanthine as substrates for purine salvage in human lymphoid cells. Thompson LF. **Proc Soc Exp Biol Med** 1985 Sep; 179(4):432–6

Purine metabolic enzymes in lymphocytes. IV. Effects of enzyme inhibitors and enzyme substrates on the blastogenic responses of human lymphocytes. Kurashige S, et al. **Scand J Immunol** 1985 Jul;22(1):1–7

Disorders associated with purine and pyrimidine metabolism. Edwards NL, et al. **Spec Top Endocrinol Metab** 1984; 6:95–140 (138 ref.)

[Purine metabolism in Schistosoma japonicum] Chen GZ, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):245–8 (Eng. Abstr.) **(Chi)**

[Several peculiarities of the purine–base fixation of the substrate in the active sites of myosin Ca2+–ATPase] Grishin MN, et al. **Biokhimiia** 1984 Nov;49(11):1785–91 (Eng. Abstr.) **(Rus)**

[Changes in purine metabolism in the macrophages of mice exposed to a new synthetic analog of muramyl dipeptide] Umanskiĭ VIu, et al. **Biull Eksp Biol Med** 1985 Jun; 99(6):685–7 (Eng. Abstr.) **(Rus)**

[Characteristics of the phenotypic manifestation of hpt and gpt mutations blocking 6–oxypurine utilization and their effect on the expression of catabolite–sensitive genes in the cells of an Escherichia coli K–12 purine auxotroph] Brikun IA, et al. **Genetika** 1985 Jun;21(6):902–13 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Neither vasoactive intestinal peptide (VIP) nor purine derivatives may mediate non–adrenergic tracheal inhibition. Karlsson JA, et al. **Acta Physiol Scand** 1984 Dec; 122(4):589–98

On the mechanism of action of free purine bases on DNA synthesis in serum–starved L–cells treated with platelet extract. Flodgaard H, et al. **Arch Biochem Biophys** 1985 Jun;239(2):359–63

The effect of purine and pyrimidine bases on splenic plaque–forming cells and cellular immunity. Chalmers AH, et al. **Aust J Exp Biol Med Sci** 1984 Jun;62 (Pt 3):269–79

Erythrocyte acid phosphatase: species specificity in activity modulation by purine analogs. Naidu JM, et al. **Comp Biochem Physiol [B]** 1985;81(3):615–9

Effects of purine amino groups on the development of Drosophila. Ho YK, et al. **Comp Biochem Physiol [C]** 1984; 79(2):435–9

Purine–mediated growth inhibition caused by a pyrE mutation in Escherichia coli K–12. Shimosaka M, et al. **J Bacteriol** 1984 Dec;160(3):1101–4

Potentiation by purines of the growth–inhibitory effects of sulphonamides on Escherichia coli K12 and the location of the gene which mediates this effect. Bruce I, et al. **J Gen Microbiol** 1984 Oct;130 (Pt 10):2489–95

Studies of the purine analog associated modulation of human erythrocyte acid phosphatase activity. Wurzinger KH, et al. **Mol Cell Biochem** 1985 Mar;66(2):127–36

Enzyme regulation in a trypanosomatid: effect of purine starvation on levels of 3'–nucleotidase activity. Gottlieb M. **Science** 1985 Jan 4;227(4682):72–4

PHYSIOLOGY

Role of purines in lymphocyte function. Webster HK. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):311–17 (45 ref.)

Purinergic and peptidergic vasomotor mechanisms in the brain. Hardebo JE, et al. **Bibl Cardiol** 1984;(38):128–37 (50 ref.)

Responses evoked by electrical stimulation, adenosine triphosphate, adenosine and 4–aminopyridine in taenia caeci of the guinea–pig. Den Hertog A, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):373–80

Effect of aminophylline on muscle relaxant action of diazepam and phenobarbitone in genetically spastic rats: further evidence for a purinergic mechanism in the action of diazepam. Turski L, et al. **Eur J Pharmacol** 1984 Aug 3;103(1–2):99–105

RADIATION EFFECTS

Radiation–induced decomposition of the purine bases within DNA and related model compounds. Cadet J, et al. **Int J Radiat Biol** 1985 Feb;47(2):127–43 (85 ref.)

SECRETION

Coronary flow regulation in patients with ischemic heart disease: release of purines and prostacyclin and the effect of inhibitors of prostaglandin formation. Edlund A, et al. **Circulation** 1985 Jun;71(6):1113–20

PURINONES

ANALYSIS

[Detection and determination of 3,7–dimethyl–6–(5–oxo–hexoxy)–2H–purine–2–one, a byproduct of pentoxifylline synthesis] Proksa B, et al. **Pharmazie** 1984 Jun;39(6):429–30 **(Ger)**

PHARMACODYNAMICS

The effect of 7–(2'–oxopropyl)–1,3–di–n–butyl–xanthine (BRL 30892) on ischaemic skeletal muscle pO2, pH and contractility in cats and rats. Angersbach D, et al. **Arzneimittelforsch** 1984;34(10):1274–8

PURKINJE CELLS

Enhanced survival of cultured cerebellar Purkinje cells by plating on antibody to Thy–1. Messer A, et al. **Cell Mol Neurobiol** 1984 Sep;4(3):285–90

CLASSIFICATION

On the heterogeneity of Purkinje neurons in vertebrates. Cytochemical and morphological studies of chromatin during eel (Anguilla anguilla L.) life cycle. Bernocchi G, et al. **J Hirnforsch** 1985;26(2):227–35

CYTOLOGY

Genetic control of the connectivity and excitability of cerebellar Purkinje cells in rodents. Crepel F, et al. **Adv Exp Med Biol** 1984;181:99–113

Purkinje cell growth beyond the twenty–third postnatal day. Anderson WA, et al. **Brain Res** 1985 Jan;349(1–2):195–200

The Purkinje cell dendritic tree: a computer–aided study of its development in the cat and in culture. Calvet MC, et al. **Brain Res** 1985 Apr 8;331(2):235–50

Maintenance of immunocytologically identified Purkinje cells from mouse cerebellum in monolayer culture. Weber A, et al. **Brain Res** 1984 Oct 8;311(1):119–30

Neurogenesis of the climbing fibers in the human cerebellum: a Golgi study. Marin–Padilla M. **J Comp Neurol** 1985 May 1;235(1):82–96

Degeneration of thalamic neurons in 'Purkinje cell degeneration' mutant mice. II. Cytology of neuron loss. O'Gorman S. **J Comp Neurol** 1985 Apr 15;234(3):298–316

Computer assisted analysis of HRP labelled and Golgi stained Purkinje neurons. Calvet MC, et al. **Prog Neurobiol** 1984; 23(4):251–72 (89 ref.)

DRUG EFFECTS

Damage of Purkinje cell axons following chronic phenytoin administration: an animal model of distal axonopathy. Volk B, et al. **Acta Neuropathol (Berl)** 1985;67(1–2):67–74

Effects of ethanol on Purkinje cells recorded from cerebellar slices. George F, et al. **Alcohol** 1984 Sep–Oct;1(5):353–8

Correlation of Purkinje neuron depression and hypnotic effects of ethanol in inbred strains of rats. Johnson SW, et al. **Alcoholism (NY)** 1985 Jan–Feb;9(1):56–8

Ethanol tolerance of cerebellar purkinje neurons from selectively outbred mouse lines: in vivo and in vitro electrophysiological investigations. Palmer MR, et al. **Alcoholism (NY)** 1985 May–Jun;9(3):291–6

Rate–dependent effects of procainamide on His–Purkinje conduction in man. Gang ES, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1525–9

Central effects of nicotinamide and inosine which are not mediated through benzodiazepine receptors. Bold JM, et al. **Br J Pharmacol** 1985 Mar;84(3):689–96

Electrophysiological effects of alpha–adrenoceptor antagonists in rabbit sino–atrial node, cardiac Purkinje cells and papillary muscles. Dukes ID, et al. **Br J Pharmacol** 1984 Oct;83(2):419–26

Natural loss of Purkinje cells during development and increased loss with alcohol. Cragg B, et al. **Brain Res** 1985 Jan 28;325(1–2):151–60

Modulatory effects of prostaglandin D2, E2 and F2 alpha on the postsynaptic actions of inhibitory and excitatory amino acids in cerebellar Purkinje cell dendrites in vitro. Kimura H, et al. **Brain Res** 1985 Mar 25;330(2):235–44

Enhanced sensitivity of cerebellar Purkinje cells to iontophoretically–applied serotonin in thiamine deficiency. Lee RS, et al. **Brain Res** 1985 Feb 18;327(1–2):249–58

Harmaline induced tremor. III. A combined simple units, horseradish peroxidase, and 2–deoxyglucose study of the olivocerebellar system in the rat. Bernard JF, et al. **Exp Brain Res** 1984;57(1):128–37

Ethanol–GABA interactions at the rat Purkinje cell. Harris DP, et al. **Gen Pharmacol** 1984;15(6):449–54

Ethanol depresses inferior olive neurones and reduces Purkinje cell complex spike activity evoked by cerebral cortical stimulation. Harris DP, et al. **Gen Pharmacol** 1984; 15(6):455–9

Pharmacological characterization of postsynaptic receptors for excitatory amino acids in Purkinje cell dendrites in the guinea pig cerebellum. Kimura H, et al. **J Pharmacobiodyn** 1985 Feb;8(2):119–27

Inhibition of Purkinje cell firing by systemic administration of phenylisopropyl adenosine: effect of central noradrenaline depletion by DSP4. Bickford PC, et al. **Life Sci** 1985 Jul 22;37(3):289–97

Interaction of norepinephrine with Purkinje cell responses to cerebellar afferent inputs in aged rats. Bickford PC, et al. **Neurobiol Aging** 1985 Summer;6(2):89–94

Angiotensin II–induced depression of Purkinje cell firing and possible modulatory action on GABA responses. Tongroach P, et al. **Neurosci Res** 1984 Oct;1(5):369–72

Noradrenergic actions of Purkinje and locus coeruleus neurons in culture. Marshall KC, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4–6):515–20

IMMUNOLOGY

Immunological similarities between T lymphocytes and Purkinje cells [letter] Meyer MA. **Ann Neurol** 1984 Sep; 16(3):369

METABOLISM

An attempt to influence DNA content in postmitotic Purkinje cells of the cerebellum. Marshak TL, et al. **Acta Histochem (Jena)** 1985;76(2):193–200

Transient biochemical compartmentalization of Purkinje cells during early cerebellar development. Wassef M, et al. **Dev Biol** 1985 Sep;111(1):129–37

Selective extraction of small and large molecules from the cerebrospinal fluid by Purkinje neurons. Borges LF, et al. **Science** 1985 Apr 19;228(4697):346–8

PATHOLOGY

The plasticity of the Purkinje cell. Urich H. **Clin Exp Neurol** 1984;20:203–15

Does seizure activity produce Purkinje cell loss? Dam M, et al. **Epilepsia** 1984 Dec;25(6):747–51

Alcohol withdrawal causes a loss of cerebellar Purkinje cells in mice. Phillips SC, et al. **J Stud Alcohol** 1984 Nov; 45(6):475–80

Nerve cell loss in the progressive encephalopathy induced by aluminum powder. A morphologic and semiquantitative study of the Purkinje cells. Ghetti B, et al. **Neuropathol Appl Neurobiol** 1985 Jan–Feb;11(1):31–53

[Differentiation of cerebellar Purkinje neurons of the normal and chronically hypoxic chick embryo] Mancini L, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):79–85 (Eng. Abstr.) **(Ita)**

PHYSIOLOGY

Alterations in the postnatal development of the cerebellar cortex due to zinc deficiency. II. Impaired maturation of Purkinje cells. Dvergsten CL, et al. **Brain Res** 1984 Sep; 318(1):11–20

Climbing fiber action on the responsiveness of Purkinje cells to parallel fiber inputs. Ebner TJ, et al. **Brain Res** 1984

Aug 20;309(1):182-6

Intrinsic control of electroresponsive properties of transplanted mammalian brain neurons. Hounsgaard J, et al. **Brain Res** 1985 Jun 3;335(2):372-6

Miniature synaptic potentials recorded intracellularly from Purkinje cell dendrites in guinea pig cerebellar slices. Okamoto K, et al. **Brain Res** 1984 Oct 8;311(2):281-7

Vitamin D-dependent calcium-binding protein in the cerebellum: a marker of Purkinje cell development. Thomasset M, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:6-10

Involvement of spot 35 protein, a cerebellar protein, in modulation of Purkinje cell activity of the rat cerebellum. Maruyama S, et al. **Eur J Pharmacol** 1985 Feb 5; 108(3):309-13

Origin in the medial accessory olive of climbing fibres to the x and lateral c1 zones of the cat cerebellum: a combined electrophysiological/WGA-HRP investigation. Campbell NC, et al. **Exp Brain Res** 1985;58(3):520-31

On the Purkinje cell activity increase induced by suppression of inferior olive activity. Savio T, et al. **Exp Brain Res** 1985;57(3):456-63

Evidence against neurotransmitter mediation of sprouting in granuloprival cerebellar cultures. Seil FJ, et al. **Exp Neurol** 1985 Feb;87(2):270-7

Embryonic development of the rat cerebellum. III. Regional differences in the time of origin, migration, and settling of Purkinje cells. Altman J, et al. **J Comp Neurol** 1985 Jan 1;231(1):42-65

Neuronal death and synapse elimination in the olivocerebellar system. II. Cell counts in the inferior olive of adult x-irradiated rats and weaver and reeler mutant mice. Shojaeian H, et al. **J Comp Neurol** 1985 Feb 15; 232(3):309-18

A cerebellar abnormality in the mouse with motor end-plate disease. Dick DJ, et al. **Neuropathol Appl Neurobiol** 1985 Mar-Apr;11(2):141-7

Responses of cerebellar Purkinje cells to mechanical perturbations during locomotion of decerebrate cats. Matsukawa K, et al. **Neurosci Res** 1985 Jun;2(5):393-8

Analysis of signal content of Purkinje cell responses to optokinetic stimuli in the rabbit cerebellar flocculus by selective lesions of brainstem pathways. Miyashita Y, et al. **Neurosci Res** 1984 Aug;1(4):223-41

Membrane resistivity estimated for the Purkinje neuron by means of a passive computer model. Shelton DP. **Neuroscience** 1985 Jan;14(1):111-31

Asynchrony in the expression of guanosine 3':5'-phosphate-dependent protein kinase by clusters of Purkinje cells during the perinatal development of rat cerebellum. Wassef M, et al. **Neuroscience** 1984 Dec; 13(4):1217-41

ULTRASTRUCTURE

Hirano bodies in the perikaryon of the Purkinje cell in a case of Alzheimer's disease. Yamamoto T, et al. **Acta Neuropathol (Berl)** 1985;67(1-2):167-9

Cytochemical interaction of nucleolus and cytoplasm in the Purkinje cells of senile white rats under the influence of centrophenoxine. Patro IK, et al. **Exp Gerontol** 1984; 19(4):241-51

Age-related changes in the Purkinje's cells in the rat cerebellar cortex: a quantitative electron microscopic study. Ogata R, et al. **Folia Psychiatr Neurol Jpn** 1984; 38(2):159-67

Degeneration of thalamic neurons in 'Purkinje cell degeneration' mutant mice. I. Distribution of neuron loss. O'Gorman S, et al. **J Comp Neurol** 1985 Apr 15; 234(3):277-97

Ultrastructural and morphometric studies of Purkinje cells of brindled mouse after administration of cupric chloride. Yamano T, et al. **J Neuropathol Exp Neurol** 1985 Jan; 44(1):97-107

Abnormalities of Purkinje cell arborization in brindled mouse cerebellum. A Golgi study. Yamano T, et al. **J Neuropathol Exp Neurol** 1985 Jan;44(1):85-96

PURKINJE FIBERS see under **HEART CONDUCTION SYSTEM**

PUROMYCIN

Quantitative indexes of aminonucleoside-induced nephrotic syndrome. Nevins TE, et al. **Am J Pathol** 1984 Oct; 117(1):30-6

Inhibition of glomerular visceral epithelial cell endocytosis during nephrosis induced by puromycin aminonucleoside. Schwartz MM, et al. **Lab Invest** 1984 Dec;51(6):690-6

The effect of protamine on serum complement activity in aminonucleoside nephropathy. Fukuda K, et al. **Tohoku J Exp Med** 1984 Jul;143(3):315-8

ANALOGS & DERIVATIVES

Effects of the aminonucleoside of puromycin on glomerular epithelial cells in vitro. Fishman JA, et al. **Am J Pathol** 1985 Mar;118(3):398-407

Incorporation of 35sulfate into the glomerular basement membrane in puromycin aminonucleoside nephrosis. Garin EH, et al. **Int J Pediatr Nephrol** 1985 Apr-Jun;6(2):117-20

Chryscandin, a novel peptidyl nucleoside antibiotic. II. Structure determination and synthesis. Yamashita M, et al. **J Antibiot (Tokyo)** 1984 Nov;37(11):1284-93

Chryscandin, a novel peptidyl nucleoside antibiotic. I. Taxonomy, fermentation, isolation and characterization. Yamashita M, et al. **J Antibiot (Tokyo)** 1984 Nov; 37(11):1279-83

Localization of sites of photoaffinity labeling of the large subunit of Escherichia coli ribosomes by arylazide derivative of puromycin. Olson HM, et al. **J Biol Chem** 1985 Aug 25;260(18):10326-31

Mesangial function and glomerular sclerosis in rats with aminonucleoside nephrosis. Grond J, et al. **Kidney Int** 1985 Feb;27(2):405-10

METABOLISM

On the structural specificity of puromycin binding to Escherichia coli ribosomes. Weitzmann C, et al. **Biochemistry** 1985 Apr 23;24(9):2268-74

[Stimulation of peptidyltransferase activity of 50S subunits by alcohols] Malmets TO, et al. **Mol Biol (Mosk)** 1985 May-Jun;19(3):617-22 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Changes in the expression of SRBC receptors on human lymphocytes caused by azathioprine and puromycine. Drela N. **Arch Immunol Ther Exp (Warsz)** 1984; 32(5):565-76

Feminization of the hepatic monooxygenases by growth hormone is mimicked by puromycin and correlates with a decrease in male-type cytochrome P450. Vockentanz BM, et al. **Biochem Biophys Res Commun** 1985 Apr 30; 128(2):683-8

Effect of puromycin on sugar transport in isolated rat adipocytes. Kubo K, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):187-9

Inhibitors of protein synthesis, puromycin and emetine, inhibit prostaglandin E2 release by skeletal muscle. Turinsky J. **Biochim Biophys Acta** 1985 May 29; 840(1):134-6

Dopamine-stimulated fucosylation of brain proteins in vitro is not inhibited by puromycin. Lössner B, et al. **Biomed Biochim Acta** 1985;44(3):465-73

Complement lysis of nucleated cells: effect of temperature and puromycin on the number of channels required for cytolysis. Ramm LE, et al. **Mol Immunol** 1984 Nov; 21(11):1015-21

Suppression of sexual behavior and localization of [3H] puromycin after intracranial injection in the rat. Renner KJ, et al. **Physiol Behav** 1984 Sep;33(3):411-4

Inhibition of protein synthesis and intestinal absorptive cell ultrastructure in cycloheximide or puromycin-treated rats. Bernard A, et al. **Reprod Nutr Dev** 1985;25(2):451-64

[Effect of gamma-ray irradiation, DNA and protein synthesis inhibitors on the generation of soluble suppressor factors by mononuclear leukocytes] Shen HD, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1983 Sep;16(3):207-13 (Eng. Abstr.) **(Chi)**

[Puromycin interacts with the donor (P) site of Escherichia coli ribosomes] Ivanov IuV, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1301-5 (Eng. Abstr.) **(Rus)**

PUROMYCIN AMINONUCLEOSIDE see under **PUROMYCIN**

PURPURA

Morbilliform erythrodermic fever with purpura. A benign eruptive fever occurring in 6 elderly women. Findlay GH. **S Afr Med J** 1985 Aug 3;68(3):176-9

[Auto-erythrocyte sensitization] Inbal A, et al. **Harefuah** 1984 Dec 16;107(12):385-7 (Eng. Abstr.) **(Heb)**

CHEMICALLY INDUCED

Peculiarities in dermatology. Carbromal causing nonthrombocytopenic purpura. Kingsley HJ. **Cent Afr J Med** 1968 May;14(5):103-4

Purpuric vasculitis-like eruption in a patient sensitive to balsam of Peru. Bruynzeel DP, et al. **Contact Dermatitis** 1984 Oct;11(4):207-9

Purpuric allergic contact dermatitis to epoxy resin. Laurberg G, et al. **Contact Dermatitis** 1984 Sep;11(3):186-7

Hepatosplenic peliosis after danazol and glucocorticoids for ITP [letter] Nesher G, et al. **N Engl J Med** 1985 Jan 24; 312(4):242-3

Norepinephrine-induced pulmonary petechiae in the rat: an experimental model with potential implications for sudden infant death syndrome. Krous HF, et al. **Pediatr Pathol** 1984;2(1):115-22

[Clinical forms of a protracted course of anaphylactic shock caused by pyrazole preparations] Dmitriev MR, et al. **Klin Med (Mosk)** 1985 Jun;63(6):114-6 **(Rus)**

COMPLICATIONS

Purpura fulminans. Medical, surgical, and rehabilitative considerations. Silbart S, et al. **Clin Orthop** 1985 Mar; (193):206-13

DIAGNOSIS

Purpura fulminans in neonates and childhood. Takayanagi K, et al. **Z Kinderchir** 1985 Jun;40(3):182-7

[Gardner-Diamond syndrome] Kurnatowska A, et al. **Pol Tyg Lek** 1984 Nov 12;39(46):1513-4 **(Pol)**

ETIOLOGY

Petechiae and vasculitis in asymptomatic primary biliary cirrhosis. Diederichsen H, et al. **Acta Derm Venereol (Stockh)** 1985;65(3):263-6

Nummular purpura [letter] Primack WA, et al. **Arch Dermatol** 1985 Mar;121(3):309-10

Target-like skin lesions in primary amyloidosis. Brear SG, et al. **Br J Dermatol** 1985 Feb;112(2):209-11

Purpura following timber rattlesnake (Crotalus horridus horridus) envenomation. Furlow TG, et al. **Cutis** 1985 Mar; 35(3):234-6

Sweethearts' syndrome: purpura of a pleasant nature. Gewirtzman GB. **Cutis** 1985 Apr;35(4):359

Exercise-associated solar purpura in an atypical location. Latenser BA, et al. **Cutis** 1985 Apr;35(4):365-6

A case of ulcerative colitis presenting as vasculitic purpura. McDermott V, et al. **Dig Dis Sci** 1985 May;30(5):495-6

Rumpel-Leede sign associated with a noninvasive ambulatory blood pressure monitor [letter] Eichner HL. **JAMA** 1985 Jul 26;254(4):506

The Rumpel-Leede sign associated with a noninvasive ambulatory blood pressure monitor [letter] White WB. **JAMA** 1985 Mar 22-29;253(12):1724

Human parvovirus and purpura [letter] **Lancet** 1985 Sep 28; 2(8457):730-1

The effect of epidermal pigmentation on selective vascular effects of pulsed laser. Tan OT, et al. **Lasers Surg Med** 1984;4(4):365-74

Munchausen's syndrome by proxy (child abuse) presenting as apparent autoerythrocyte sensitization syndrome: an unusual presentation of Polle syndrome. Clark GD, et al. **Pediatrics** 1984 Dec;74(6):1100-2

Posttransfusion purpura. Report of a case with anti-P1A1 masked by HLA antibodies. Dunstan RA, et al. **Transfusion** 1985 May-Jun;25(3):219-22

[Skin manifestations in disseminated intravascular coagulation syndrome] Koliadenko VG, et al. **Vestn Dermatol Venerol** 1985 May;(5):31-6 (Eng. Abstr.) **(Rus)**

[Purpura fulminans in the adult. Presentation of 2 cases] Conejero García Quijada R, et al. **Med Clin (Barc)** 1985 May 18;84(19):787-9 (Eng. Abstr.) **(Spa)**

[Vascular purpura secondary to scurvy in a patient who is not from a deprived socioeconomic level (letter)] Olcoz M, et al. **Sangre (Barc)** 1984;29(5):957-8 **(Spa)**

FAMILIAL & GENETIC

Neonatal purpura fulminans: a genetic disorder related to the absence of protein C in blood. Marciniak E, et al. **Blood** 1985 Jan;65(1):15-20

[Severe hereditary protein C deficiency in a newborn infant with fulminant purpura--successful treatment with phenprocoumon] Wehinger H, et al. **Klin Padiatr** 1985 Mar-Apr;197(2):116-20 (Eng. Abstr.) **(Ger)**

MICROBIOLOGY

Generation of purpura-producing principle from pneumococcal cell walls. Chetty C, et al. **J Bacteriol** 1985 Jul;163(1):389-91

OCCURRENCE

Preliminary report: epidemic fatal purpuric fever among children--Brazil. **MMWR** 1985 Apr 26;34(16):217-9

PATHOLOGY

Lichen aureus: a localized persistent form of pigmented purpuric dermatitis. Price ML, et al. **Br J Dermatol** 1985 Mar;112(3):307-14

[Perforating purpura] Reymond JL, et al. **Ann Dermatol Venereol** 1985;112(2):159-62 **(Fre)**

[Determination of shoe marks in cases of skin injuries] Vorontsov VS, et al. **Sud Med Ekspert** 1984 Jul-Sep; 27(3):15-6 (Eng. Abstr.) **(Rus)**

[Identification of the cells of dermal proliferation in hemodermias (malignant lymphomas)] Kalamkarian AA, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):8-13 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Coumarin prophylaxis for fulminant purpura syndrome due to homozygous protein C deficiency [letter] Garcia-Plaza I, et al. **Lancet** 1985 Mar 16;1(8429):634-5

THERAPY

Purpura fulminans. Bloom BT, et al. **J Kans Med Soc** 1984 Sep;85(9):236-7, 246

Successful treatment of post-transfusion purpura with high dose immunoglobulins after lack of response to plasma exchange. Hamblin TJ, et al. **Vox Sang** 1985;49(2):164-7

PURPURA, HYPERGLOBULINEMIC

DIAGNOSIS

[Benign hypergammaglobulinemic purpura] Pines A, et al. **Harefuah** 1984 Oct;107(7-8):196-7 **(Heb)**

[Hyperglobulinemic purpura (letter)] de Diego Fernández

JM, et al. **Rev Clin Esp** 1985 Mar;176(4):212-3 (Spa)

ETIOLOGY

[Waldenström's hyperglobulinemic purpura in a patient with alcoholic liver cirrhosis] Sørensen PG, et al. **Ugeskr Laeger** 1984 Dec 10;146(50):3926-7 (Eng. Abstr.) (Dan)

FAMILIAL & GENETIC

Waldenström's hyperglobulinemic purpura in HLA identical sisters. Ciriello MM, et al. **Haematologica (Pavia)** 1984 Jul-Aug;69(4):435-41

IMMUNOLOGY

Isolation of monoclonal rheumatoid factors in hypergammaglobulinemic purpura. Preud'homme JL, et al. **Diagn Immunol** 1984;2(4):219-23

PURPURA, SCHOENLEIN-HENOCH

Henoch-Schönlein purpura. Saulsbury FT. **Pediatr Dermatol** 1984 Jan;1(3):195-201

BLOOD

[Changes in serum prostaglandin metabolites in Schönlein-Henoch purpura] Túri S, et al. **Orv Hetil** 1985 Aug 4;126(31):1901-4 (Eng. Abstr.) (Hun)

[Plasma prostaglandin E2 and F2 alpha levels in patients with mucocutaneous lymph node syndrome (Kawasaki disease) and anaphylactoid purpura] Lee T. **Arerugi** 1985 Mar;34(3):147-54 (Eng. Abstr.) (Jpn)

[Condition of the proteolytic systems of the body in hemorrhagic vasculitis and thrombocytopenia] Donskaia SB, et al. **Vrach Delo** 1984 Dec;(12):10-2 (Eng. Abstr.) (Rus)

CHEMICALLY INDUCED

Purpuric vasculitis due to tartrazine. Parodi G, et al. **Dermatologica** 1985;171(1):62-3

COMPLICATIONS

Schoenlein-Henoch purpura associated with hepatitis A infection [letter] Garty BZ, et al. **Am J Dis Child** 1985 Jun;139(6):547

Hepatitis B virus and Schönlein-Henoch purpura [letter] Kurokawa M, et al. **Am J Dis Child** 1985 Sep;139(9):861-2

Henoch-Schönlein syndrome and selective IgA deficiency. Martini A, et al. **Arch Dis Child** 1985 Feb;60(2):160-2

Total hemiatrophy. Association with localized scleroderma, Schönlein-Henoch nephritis, and paroxysmal nocturnal hemoglobinuria. Kuto F, et al. **Arch Intern Med** 1985 Apr;145(4):731-3

Unusual manifestations of Henoch-Schonlein purpura. Samuel SP, et al. **Indian J Pediatr** 1984 Nov-Dec;51(413):751-4

Anaphylactoid purpura: hypertension with minimal urinary abnormalities. Cockrell JL, et al. **Int J Pediatr Nephrol** 1984 Sep;5(3):167-70

Renal infarction--a rare complication of Schönlein-Henoch syndrome. Talwalkar YB, et al. **Int J Pediatr Nephrol** 1984 Sep;5(3):179-82

Henoch-Schönlein purpura and familial Mediterranean fever. Schlesinger M, et al. **Isr J Med Sci** 1985 Jan;21(1):83-5

Hemorrhagic complications of Henoch-Schönlein syndrome. Clark JH, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):311-5

Surgical complications in Henoch-Schönlein Purpura. Martinez-Frontanilla LA, et al. **J Pediatr Surg** 1984 Aug;19(4):434-6

Neurologic manifestations of Schoenlein-Henoch purpura: report of three cases and review of the literature. Belman AL, et al. **Pediatrics** 1985 Apr;75(4):687-92

Henoch-Schoenlein purpura: association with unusual vesicular lesions. Garland JS, et al. **Wis Med J** 1985 Jan;84(1):21-3

[Duodenal complications of rheumatoid purpura. Endoscopic aspects] Chapoy P, et al. **Gastroenterol Clin Biol** 1984 Aug-Sep;8(8-9):604-8 (Eng. Abstr.) (Fre)

[Schoenlein-Henoch syndrome. Clinical considerations on 275 cases] Amato GM, et al. **Minerva Pediatr** 1984 May 31;36(10):493-6 (Eng. Abstr.) (Ita)

[Circulating immune complex and complement in children with various glomerulonephritides, especially the cases with IgA nephropathy or Henoch-Schönlein purpura nephritis] Tanaka H. **Nippon Jinzo Gakkai Shi** 1984 Aug;26(8):1131-42 (Eng. Abstr.) (Jpn)

[The abdominal syndrome and surgical complications in Schoenlein-Henoch disease in children] Akzhigitov GN, et al. **Sov Med** 1985;(2):66-70 (Rus)

[Schoenlein-Henoch nephropathy in childhood. Clinical and histologic study of 31 cases] Camacho Díaz JA, et al. **An Esp Pediatr** 1985 Jan;22(1):12-8 (Eng. Abstr.) (Spa)

[Nephropathy in Schoenlein-Henoch purpura. Long-term developmental aspects in 55 cases] Vilalta R, et al. **An Esp Pediatr** 1984 Aug;21(2):107-12 (Eng. Abstr.) (Spa)

DIAGNOSIS

Henoch-Schönlein purpura in pregnancy. Siroty RR. **J Med Soc NJ** 1985 Jul;82(7):535-6

Wegener granulomatosis in pediatric patients. Hall SL, et al. **J Pediatr** 1985 May;106(5):739-44

Berger disease: Henoch-Schönlein syndrome without the rash. Meadow SR, et al. **J Pediatr** 1985 Jan;106(1):27-32

[Digestive manifestations of rheumatoid purpura in adults] Quarre JP, et al. **Acta Gastroenterol Belg** 1984 Jul-Aug;47(4):403-7 (Eng. Abstr.) (Fre)

[Local edema as the presenting symptom in Schoenlein-Henoch purpura] Etzioni A, et al. **Harefuah** 1984 Dec 2;107(11):339-40 (Eng. Abstr.) (Heb)

[Neurological manifestations of Schönlein-Henoch purpura] Lupu V, et al. **Rev Pediatr Obstet Ginecol [Pediatr]** 1985 Jan-Mar;34(1):63-6 (Rum)

DRUG THERAPY

[Schoenlein-Henoch nephritis in children treated with by removing heat and activating blood--report of 14 cases] Shi YM, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May;5(5):262-4, 258 (Eng. Abstr.) (Chi)

ETIOLOGY

Henoch-Schönlein vasculitis following varicella [letter] Ashkenazi S, et al. **Am J Dis Child** 1985 May;139(5):440-1

Henoch-Schönlein purpura. Heng MC. **Br J Dermatol** 1985 Feb;112(2):235-40 (69 ref.)

[Cryoglobulinemia, hemorrhagic vasculitis skin changes in hepatopathy] Galeone A. **Ann Osp Maria Vittoria Torino** 1983 Jul-Dec;26(7-12):209-34 (Eng. Abstr.) (Ita)

[Case of severe allergic reaction to manilyl] Provizion LN, et al. **Klin Med (Mosk)** 1984 Jul;62(7):132-3 (Rus)

FAMILIAL & GENETIC

Complement phenotypes in glomerulonephritis: increased frequency of homozygous null C4 phenotypes in IgA nephropathy and Henoch-Schönlein purpura. McLean RH, et al. **Kidney Int** 1984 Dec;26(6):855-60

IMMUNOLOGY

Sequential measurements of the reticulo-endothelial system function in Henoch-Schönlein disease of childhood. Correlations with various immunological parameters. Davin JC, et al. **Acta Paediatr Scand** 1985 Mar;74(2):201-6

Secretory IgA in Schönlein-Henoch purpura. Kaneko F, et al. **Dermatologica** 1984;169(5):318-23

HLA specificities, lymphocyte subsets, and mitogenic response in Henoch-Schönlein purpura nephritis. Sengar DP, et al. **Int J Pediatr Nephrol** 1984 Dec;5(4):197-200

[Immunological changes in Schönlein-Henoch patients] Mishkova R, et al. **Vutr Boles** 1984;23(4):89-91 (Eng. Abstr.) (Bul)

[HLA and rheumatoid purpura with or without nephropathy] Freycon MT, et al. **Pediatrie** 1984 Oct-Dec;39(7):525-32 (Eng. Abstr.) (Fre)

[Hypereosinophilia and systemic vasculitis: considerations on 2 clinical cases] Casirola G, et al. **G Clin Med** 1984 Nov-Dec;65(11-12):489-500 (Eng. Abstr.) (Ita)

OCCURRENCE

Incidence of IgA-related nephritides in American Indians in New Mexico. Smith SM, et al. **Hum Pathol** 1985 Feb;16(2):181-4

PATHOLOGY

Henoch-Schönlein purpura in pregnancy. Ray M, et al. **Can Med Assoc J** 1985 Jun 15;132(12):1385-6

Hemorrhagic endovasculitis of the placenta: a clinicopathologic entity associated with adverse pregnancy outcome. Sander CH, et al. **Compr Ther** 1985 May;11(5):66-74

Ultrastructural lesions of Henoch-Schönlein syndrome and IgA nephropathy: similarities and differences. Mihatsch MJ, et al. **Contrib Nephrol** 1984;40:255-63

Clinicopathologic correlations in severe forms of Henoch-Schönlein purpura nephritis based on repeat biopsies. Niaudet P, et al. **Contrib Nephrol** 1984;40:250-4

Schönlein-Henoch syndrome in adults. Roth DA, et al. **Q J Med** 1985 May;55(217):145-52

[Severe rheumatoid purpura. Histology of digestive manifestations and therapeutic trial using plasma exchange] Masson G, et al. **Ann Pediatr (Paris)** 1985 Jun;32(6):549-52 (Eng. Abstr.) (Fre)

[Gonadal involvement in the Schonlein-Henoch syndrome] Colloi D, et al. **Pediatr Med Chir** 1984 Jan-Feb;6(1):121-3 (Eng. Abstr.) (Ita)

[IgA nephropathy and Henoch-Schönlein purpura nephritis: clinicopathological, histopathological immunohistological, and electronmicroscopical characteristics] Hamada K. **Hokkaido Igaku Zasshi** 1984 Jul;59(4):456-70 (Eng. Abstr.) (Jpn)

[IgA nephropathy and purpura nephritis] Shirato I, et al. **Nippon Rinsho** 1984 Jun;42(6):1316-21 (Jpn)

PHYSIOPATHOLOGY

Abdominal pain, purpura, and death in an elderly woman [clinical conference] Ludmerer KM, et al. **Am J Med** 1985 May;78(5):839-49

Henoch-Schönlein purpura: clinical presentation. Cameron JS. **Contrib Nephrol** 1984;40:246-9

THERAPY

Henoch-Schönlein purpura with severe ileal involvement responding to plasmapheresis. Gaskell H, et al. **Int J Artif Organs** 1985 May;8(3):163-4

PURPURA, THROMBOPENIC

Perinatal and neonatal aspects of maternal idiopathic thrombocytopenic purpura. Beck R. **Am J Perinatol** 1984 Apr;1(3):251-8 (43 ref.)

Transient remission of chronic idiopathic thrombocytopenic purpura during septic abscess and pneumothorax. Grossi A, et al. **Haematologica (Pavia)** 1984 Sep-Oct;69(5):572-5

Physiology of platelets and immune thrombocytopenic purpura. Krishnadas KV. **J Assoc Physicians India** 1984 Jul;32(7):585-90 (55 ref.)

BLOOD

T-cell phenotypes in children with chronic idiopathic thrombocytopenic purpura [letter] Bertotto A, et al. **Am J Dis Child** 1984 Nov;138(11):1086

Platelet kinetics in patients with idiopathic thrombocytopenic purpura and moderate thrombocytopenia. Stoll D, et al. **Blood** 1985 Mar;65(3):584-8

Serum prostacyclin binding defects in thrombotic thrombocytopenic purpura. Wu KK, et al. **J Clin Invest** 1985 Jan;75(1):168-74

111In-labelled platelet scintigraphy in Kasabach-Merritt syndrome. Hanada T, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep;47(6):1359-65

Idiopathic thrombocytopenic purpura with defective oxidative metabolism of neutrophils. Ohno Y, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep;47(6):1257-64

[Transient normalization of the thrombocyte count in chronic idiopathic thrombocytopenia during pneumonia] Pestalozzi DM, et al. **Schweiz Med Wochenschr** 1985 Mar 16;115(11):375-7 (Eng. Abstr.) (Ger)

[Effect of sera from patients with aplastic anemia and ITP on murine megakaryocytopoiesis] Hamaguchi H. **Nippon Ketsueki Gakkai Zasshi** 1985 May;48(3):831-8 (Eng. Abstr.) (Jpn)

[Determination of IgG associated with platelets by immunoelectroassay] Pereira J, et al. **Rev Med Chil** 1984 Nov;112(11):1130-4 (Eng. Abstr.) (Spa)

CHEMICALLY INDUCED

Drug-dependent and non-drug-dependent antiplatelet antibody in drug-induced immunologic thrombocytopenic purpura. Lerner W, et al. **Blood** 1985 Aug;66(2):306-11

Methylphenidate and idiopathic thrombocytopenic purpura--is there an association? Grossman LK, et al. **J Fam Pract** 1985 Mar;20(3):302-4

Dimercaprol in the treatment of thrombocytopenia purpura induced by gold salts [letter] Samara AM, et al. **J Rheumatol** 1985 Feb;12(1):180-1

[Acute thrombopenic purpura after the administration of Polopirin] Jarczok K, et al. **Pol Tyg Lek** 1985 Apr 22;40(16):463-5 (Eng. Abstr.) (Pol)

[Severe thrombocytopenia and intravenous heroin (letter)] Munar Qués M, et al. **Med Clin (Barc)** 1985 Jul 6;85(6):253 (Spa)

[Thrombocytopenia and methadone (letter)] Sánchez Hernández A, et al. **Med Clin (Barc)** 1985 Jul 6;85(6):253 (Spa)

COMPLICATIONS

Acquired pure megakaryocytic aplasia in course of hepatitis in a patient with immune thrombocytopenic purpura. Iannelli S, et al. **Acta Haematol (Basel)** 1984;72(5):355-6

Isolated thrombocytopenia in homosexual men--longitudinal follow-up. Abrams DI, et al. **Adv Exp Med Biol** 1985;187:117-22

Idiopathic thrombocytopenic purpura with high-titer, speckled pattern antinuclear antibodies: possible marker for systemic lupus erythematosus [letter] Perez HD, et al. **Arthritis Rheum** 1985 May;28(5):596-7

Accessory spleen compromising response to splenectomy for idiopathic thrombocytopenic purpura. Ambriz P, et al. **Radiology** 1985 Jun;155(3):793-6

Hyperthyroidism and Evans' syndrome. A case report. Lee FY, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Feb;84(2):256-60

[A cause of neonatal hemorrhage: thrombopenia by platelet alloimmunization] Buisson G, et al. **Ann Pediatr (Paris)** 1985 Mar 25;32(3 Pt 2):271-4 (Eng. Abstr.) (Fre)

[Acquired Von Willebrand's disease associated with idiopathic thrombopenic purpura] Fernández Lago C, et al. **An Esp Pediatr** 1984 Oct 31;21(6):619-22 (Spa)

[Chronic subdural hematoma in a girl with idiopathic thrombopenic purpura] Gelabert González M, et al. **An Esp Pediatr** 1984 Sep 15;21(3):260-2 (Spa)

CONGENITAL

Blueberry muffin syndrome: cutaneous erythropoiesis and possible intrauterine viral infection. Hendricks WM, et al. **Cutis** 1984 Dec;34(6):549-51

DIAGNOSIS

Generalized bleeding. Interpreting clinical findings. Harrington WJ. **Hosp Pract [Off]** 1985 Jan 30;20(1A):75–7, 81, 85–90

Advances in the diagnosis and management of ITP. Kelton JG. **Hosp Pract [Off]** 1985 Jun 15;20(6):95–99, 102–7

Prognostic factors of severe infectious purpura in children. Leclerc F, et al. **Intensive Care Med** 1985;11(3):140–3

Childhood acute idiopathic thrombocytopenic purpura: how many tests and how much treatment required? Buchanan GR. **J Pediatr** 1985 Jun;106(6):928–30

[Kasabach-Merritt syndrome in infants. 2 cases] Guillet G, et al. **Ann Dermatol Venereol** 1985;112(5):425–32 (Eng. Abstr.) **(Fre)**

[Work capacity of thrombocytopenic purpura patients] Lantsova NA, et al. **Vrach Delo** 1984 Dec;(12):12–3 **(Rus)**

[Pseudothrombocytopenia as the cause of an erroneous diagnosis of Werlhof's disease] Casals FJ, et al. **Med Clin (Barc)** 1985 May 11;84(18):721–6 (Eng. Abstr.) **(Spa)**

[Pseudothrombocytopenia caused by extraction of the blood using ethylenediaminetetraacetic acid (EDTA). A cause of diagnostic error] Feliu E, et al. **Med Clin (Barc)** 1985 May 11;84(18):738–9 **(Spa)**

DRUG THERAPY

Bolus methylprednisolone therapy in chronic idiopathic thrombocytopenic purpura in children [letter] Ozsoylu S. **Acta Haematol (Basel)** 1984;72(5):359

Unsuccessful treatment of fetal immunologic thrombocytopenia with dexamethasone. Yin CS, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):316–7

Prednisone therapy for children with newly diagnosed idiopathic thrombocytopenic purpura. A randomized clinical trial. Buchanan GR, et al. **Am J Pediatr Hematol Oncol** 1984 Winter;6(4):355–61

Colchicine therapy for refractory idiopathic thrombocytopenic purpura. Strother SV, et al. **Arch Intern Med** 1984 Nov;144(11):2198–200

Refractory idiopathic thrombocytopenic purpura (ITP) treated with cyclosporine. Kelsey PR, et al. **Br J Haematol** 1985 May;60(1):197–8

Use of danazol in the management of chronic idiopathic thrombocytopenic purpura. Heyd J, et al. **Isr J Med Sci** 1985 May;21(5):418–20

Steroid therapy of neonatal ITP [letter] Beck R. **J Pediatr** 1985 Jul;107(1):156–7

Fc-depleted vs intact intravenous immunoglobulin in chronic ITP [letter] Tovo PA, et al. **J Pediatr** 1984 Oct;105(4):676–7

Successful treatment of amegakaryocytic thrombocytopenic purpura with cyclosporine [letter] Hill W, et al. **N Engl J Med** 1985 Apr 18;312(16):1060–1

Hepatosplenic peliosis after danazol and glucocorticoids for ITP [letter] Nesher G, et al. **N Engl J Med** 1985 Jan 24;312(4):242–3

Intravenous plasmin-treated gammaglobulin therapy in idiopathic thrombocytopenic purpura. Results in 40 patients. Follea G, et al. **Nouv Rev Fr Hematol** 1985;27(1):5–10

[Effect of Chinese medicine on the morphology of megakaryocytes in patients with thrombocytopenic purpura] Deng YA. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):349–51 (Eng. Abstr.) **(Chi)**

[Immunologic thrombopenic purpura in children: therapeutic trial with high dose of intravenous gamma globulins] Portas M, et al. **Ann Med Interne (Paris)** 1985;136(1):13–6 (Eng. Abstr.) **(Fre)**

[High-dose intravenous gammaglobulin in the treatment of immune thrombocytopenic purpura] Kerem E, et al. **Harefuah** 1985 Feb 1;108(3):149–50 **(Heb)**

[A case of chronic refractory thrombocytopenia with a remarkable response to colchicine administration] Sensaki S, et al. **Rinsho Ketsueki** 1984 Aug;25(8):1255–9 (Eng. Abstr.) **(Jpn)**

[Danazol in idiopathic thrombopenic purpura (letter)] González R, et al. **Med Clin (Barc)** 1984 Oct 27;83(13):561 **(Spa)**

ETIOLOGY

Autoimmune thrombocytopenic purpura in the course of Kaposi's sarcoma--report of a case. Noah MS, et al. **Am J Hematol** 1985 Mar;18(3):319–23

Relapsing post-transfusion purpura. A preventable disease. Budd JL, et al. **Am J Med** 1985 Feb;78(2):361–2

Thrombocytopenic purpura in narcotics addicts. Savona S, et al. **Ann Intern Med** 1985 Jun;102(6):737–41

Acquired autoimmune thrombocytopenia after allogeneic bone marrow transplantation. Bierling P, et al. **Br J Haematol** 1985 Apr;59(4):643–6

Multiple myeloma associated with immune thrombocytopenic purpura. Verdirame JD, et al. **Cancer** 1985 Sep 1;56(5):1199–200

Hodgkin's disease presenting as idiopathic thrombocytopenic purpura. Murphy WG, et al. **Postgrad Med J** 1984 Sep;60(707):614–5

[Thrombopenic purpura and hepatitis B: arguments favoring peripheral destruction of blood platelets (letter)] Karsenti P, et al. **Gastroenterol Clin Biol** 1984 Aug–Sep;8(8–9):683–4 **(Fre)**

[Allergic dermatoses. 4: Hemorrhagic allergic exanthemas] Marghescu S. **Fortschr Med** 1984 Jul 26;102(27–28):732–4 **(Ger)**

[A rare complication of infectious mononucleosis: thrombopenic purpura] Eszter E, et al. **Padiatr Grenzgeb** 1984;23(4):213–6 (Eng. Abstr.) **(Ger)**

[Thrombopenia and carcinoma] Parra R, et al. **Rev Clin Esp** 1984 Sep 15;174(5):197–8 **(Spa)**

FAMILIAL & GENETIC

[Familial association of multiple sclerosis and chronic thrombopenic purpura. An argument for the autoimmune origin of multiple sclerosis (letter)] Taillan B, et al. **Presse Med** 1985 Mar 23;14(12):700 **(Fre)**

[Association of HLA antigens and idiopathic thrombocytopenic purpura in children] Koshel' IV, et al. **Pediatriia** 1984 Sep;(9):27–9 (Eng. Abstr.) **(Rus)**

[Homo and heterozygosity in Glanzmann's thrombasthenia] Navarro JL, et al. **Sangre (Barc)** 1984;29(6):1000–7 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Intravenous gammaglobulin in refractory immune thrombocytopenic purpura: efficacy with or without concomitant steroid therapy. Abrams RA, et al. **Am J Hematol** 1985 Jan;18(1):85–9

Fluorescent antinuclear antibodies and anti-SS-A/Ro in patients with immune thrombocytopenia subsequently developing systemic lupus erythematosus. Anderson MJ, et al. **Ann Intern Med** 1985 Oct;103(4):548–50

Thrombocytopenia in homosexual patients. Prognosis, response to therapy, and prevalence of antibody to the retrovirus associated with the acquired immunodeficiency syndrome. Walsh C, et al. **Ann Intern Med** 1985 Oct;103(4):542–5

Neonatal alloimmune thrombocytopenic purpura and congenital porencephaly in two siblings associated with a 'new' maternal antiplatelet antibody. Friedman JM, et al. **Blood** 1985 Jun;65(6):1412–5

Transient deficiency of peripheral blood accessory cells in supporting T cell mitogenesis in patients suffering from chronic idiopathic thrombocytopenic purpura after intravenous gammaglobulin treatment. Larocca LM, et al. **Blut** 1985 Jul;51(1):1–10

Suppressor cell function after intravenous gammaglobulin treatment in adult chronic idiopathic thrombocytopenic purpura. Delfraissy JF, et al. **Br J Haematol** 1985 Jun;60(2):315–22

Anticardiolipin antibodies in autoimmune thrombocytopenic purpura. Harris EN, et al. **Br J Haematol** 1985 Feb;59(2):231–4

Platelet-associated complement in chronic ITP. Kurata Y, et al. **Br J Haematol** 1985 Aug;60(4):723–33

A new ELISA method for the detection of serum bindable anti-platelet antibodies (SPBIG). Fabris F, et al. **Clin Chim Acta** 1985 Mar 15;146(2–3):223–8

Immunologic thrombocytopenic purpura. Rote NS, et al. **Clin Obstet Gynecol** 1985 Mar;28(1):84–100 (34 ref.)

Serum anti-platelet activity in acute leukemias (AL) and chronic thrombocytopenic purpura (ITP). Podolak-Dawidziak M. **Folia Haematol (Leipz)** 1985;112(1):175–84

Detection of drug-dependent IgG antibodies with antiplatelet activity by the antiglobulin consumption assay. Conti L, et al. **Haemostasis** 1984;14(6):480–6

Platelet antibodies of the IgM class in immune thrombocytopenic purpura. Cines DB, et al. **J Clin Invest** 1985 Apr;75(4):1183–90

An antibody cytotoxic to megakaryocyte progenitor cells in a patient with immune thrombocytopenic purpura. Hoffman R, et al. **N Engl J Med** 1985 May 2;312(18):1170–4

[Measurement of platelet-associated IgG in patients with idiopathic thrombocytopenic purpura using micro enzyme linked immunosorbent assay] Hayashi S, et al. **Rinsho Byori** 1984 Nov;32(11):1253–7 **(Jpn)**

[Antiplatelet antibody and circulating immune complexes in patients with idiopathic thrombocytopenic purpura] Kurata Y, et al. **Rinsho Ketsueki** 1985 Feb;26(2):177–83 (Eng. Abstr.) **(Jpn)**

[Specificities of anti-platelet antibodies in childhood idiopathic thrombocytopenic purpura] Miyagi H, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1567–73 (Eng. Abstr.) **(Jpn)**

[Blood platelet-specific antigens and antibodies. Clinical significance in blood platelet deficiency in neonates and after transfusion] Nordhagen R, et al. **Tidsskr Nor Laegeforen** 1985 Apr 20;105(11):746–8 (Eng. Abstr.) **(Nor)**

[Megakaryocyte-fixed immunoglobulins in chronic idiopathic thrombocytopenic purpura in children] Koshel' IV, et al. **Gematol Transfuziol** 1985 Jan;30(1):11–4 (Eng. Abstr.) **(Rus)**

[Structure of the circulating lymphoid pool in idiopathic thrombocytopenic purpura in children] Omarova KO, et al. **Gematol Transfuziol** 1984 Aug;29(8):24–8 (Eng. Abstr.) **(Rus)**

[Idiopathic thrombocytopenic purpura and the HLA system] Zevaev EA, et al. **Pediatriia** 1984 Nov;(11):62–4 (30 ref.) **(Rus)**

[Circulating immune complexes in immune hemocytopenias] Loginskiĭ VE, et al. **Sov Med** 1984;(12):12–6 (Eng. Abstr.) **(Rus)**

[Immunologic changes in the acute and chronic idiopathic thrombocytopenic purpuras in the child] Rabasa M, et al. **Sangre (Barc)** 1984;29(3):267–72 (Eng. Abstr.) **(Spa)**

PATHOLOGY

The pathology of the spleen in steroid-treated immune thrombocytopenic purpura. Hassan NM, et al. **Am J Clin Pathol** 1985 Oct;84(4):433–8

Splenic pulp, plasma cells and foamy histiocytes in immune thrombocytopenia: combined morphometric immunohistochemical and ultrastructural studies. Kristensen J, et al. **Scand J Haematol** 1985 Apr;34(4):340–4

Idiopathic thrombocytopenic purpura during remission of thrombotic thrombocytopenic purpura. Stein RS, et al. **South Med J** 1984 Dec;77(12):1599–601

[Thrombocytopenic syndrome in the postoperative period in breast cancer patients] Britvin AA, et al. **Gematol Transfuziol** 1984 Aug;29(8):54–5 **(Rus)**

RADIONUCLIDE IMAGING

Kinetics and distribution in vivo of 111In-labelled autologous platelets in idiopathic thrombocytopenic purpura. Schmidt KG, et al. **Scand J Haematol** 1985 Jan;34(1):47–56

SURGERY

Splenectomy for idiopathic thrombocytopenic purpura [letter] Wesley-James T. **Can J Surg** 1985 Sep;28(5):388

Accessory spleens: clinical significance with particular reference to the recurrence of idiopathic thrombocytopenic purpura. Rudowski WJ. **World J Surg** 1985 Jun;9(3):422–30

[Cure of idiopathic (immune) thrombocytopenia after thymectomy (letter)] Szobor A, et al. **Orv Hetil** 1984 Sep 30;125(40):2465 **(Hun)**

THERAPY

High-dose intravenous IgG in the management of pregnancy in women with idiopathic thrombocytopenic purpura. Besa EC, et al. **Am J Hematol** 1985 Apr;18(4):373–9

Amegakaryocytic thrombocytopenic purpura treated with antithymocyte globulin [letter] Khelif A, et al. **Ann Intern Med** 1985 May;102(5):720

Therapeutic experience on 934 adults with idiopathic thrombocytopenic purpura: Multicentric Trial of the Cooperative Latin American group on Hemostasis and Thrombosis. Pizzuto J, et al. **Blood** 1984 Dec;64(6):1179–83

Are aggregates of IgG the effective part of high-dose immunoglobulin therapy in adult idiopathic thrombocytopenic purpura (ITP)? Augener W, et al. **Blut** 1985 Apr;50(4):249–52

Low-dose intravenous pepsin-treated gammaglobulin for idiopathic thrombocytopenic purpura in adults [letter] Emilia G, et al. **Br J Haematol** 1984 Dec;58(4):761–2

Management of idiopathic thrombocytopenic purpura in adults. McVerry BA. **Br J Haematol** 1985 Feb;59(2):203–8 (40 ref.)

Intravenous usage ot gammaglobulin: humoral immunodeficiency, immune thrombocytopenic purpura, and newer indications. Bussel JB, et al. **Cancer Invest** 1985;3(4):361–6

Grand rounds. Immune globulin in the treatment of autoimmune thrombocytopenic purpura. Wordell CJ, et al. **Clin Pharm** 1985 Mar–Apr;4(2):206–13

Advances in the diagnosis and management of ITP. Kelton JG. **Hosp Pract [Off]** 1985 Jun 15;20(6):95–99, 102–7

Plasma-exchange plus high-dose intravenous gamma globulin for chronic thrombocytopenic purpura [letter] Guaschino R, et al. **Int J Artif Organs** 1985 May;8(3):169

Treatment of acute idiopathic thrombocytopenia of childhood with intravenous infusions of gammaglobulin. Bussel JB, et al. **J Pediatr** 1985 Jun;106(6):886–90

Intravenous immunoglobulin versus oral corticosteroids in acute immune thrombocytopenic purpura in childhood. Imbach P, et al. **Lancet** 1985 Aug 31;2(8453):464–8

High-dose intravenous gammaglobulin: a cautionary note [letter] Ljung R, et al. **Lancet** 1985 Feb 23;1(8426):467

Treatment of onyalai with prednisolone, intravenous gammaglobulin and ascorbic acid. A prospective clinical trial. Hesseling PB, et al. **S Afr Med J** 1984 Dec 15;66(24):917–8

Changes in T-lymphocytes and response to high-dose gamma-globulin therapy in idiopathic thrombocytopenic purpura. Brearley RL, et al. **Scand J Haematol** 1984 Nov;33(5):482–5

Treatment of severe chronic idiopathic thrombocytopenic purpura in adults with high-dose intravenous gammaglobulin. Korninger C, et al. **Scand J Haematol** 1985 Feb;34(2):128–32

Preoperative transfusion of vinblastine-treated platelets before splenectomy indicated for immunothrombocytolytic purpura. Berkessy S, et al. **Ther Hung** 1982;30(2):93–6

Platelet kinetics after high dose intravenous gamma globulin [letter] Budde U, et al. **Thromb Haemost** 1984 Jul 29;51(3):412

Intensive plasma exchange therapy in ten patients with idiopathic thrombocytopenic purpura. Blanchette VS, et al. **Transfusion** 1984 Sep–Oct;24(5):388–94

Intravenous gammaglobulin therapy in idiopathic thrombocytopenic purpura. Results with the Netherlands Red Cross immunoglobulin preparation. Vos JJ, et al.

Vox Sang 1985;49(2):92–100

[Treatment of idiopathic thrombocytopenic purpura using intravenous administration of high doses of immunoglobulin] Mihál V, et al. **Cesk Pediatr** 1984 Aug; 39(8):455–6 (Eng. Abstr.) **(Cze)**

[The treatment of children with idiopathic thrombocytopenic purpura using high doses of intravenously administered gammaglobulins] van Leeuwen EF, et al. **Ned Tijdschr Geneeskd** 1984 Nov 17;128(46):2171–5 (Eng. Abstr.) **(Dut)**

[Splenectomy for idiopathic thrombopenic purpura. A retrospective study of 40 cases] Roy G, et al. **Can J Surg** 1985 Mar;28(2):160–2 (Eng. Abstr.) **(Fre)**

[Controversies in the therapy of childhood immune thrombocytopenia] Gaedicke G, et al. **Dtsch Med Wochenschr** 1985 Aug 30;110(35):1340–5 (31 ref.) **(Ger)**

[Clinical effects of high-dose immunoglobulin therapy in adults with idiopathic thrombocytopenic purpura] Fortelny A, et al. **Wien Klin Wochenschr** 1985 Feb 1;97(3):112–5 (Eng. Abstr.) **(Ger)**

[Three cases of chronic idiopathic thrombocytopenic purpura (ITP) with inadequate response to prednisolone. Successful splenectomy after a high-dose intravenous administration of immunoglobulin] Yamaguchi H, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1630–4 (Eng. Abstr.) **(Jpn)**

[Long term prognosis of idiopathic thrombocytopenic purpura] Yamanaka M, et al. **Rinsho Ketsueki** 1985 Feb; 26(2):171–6 (Eng. Abstr.) **(Jpn)**

[New therapeutic agents in idiopathic thrombopenic purpura] Kotlarek-Haus S, et al. **Pol Tyg Lek** 1985 Apr 22; 40(16):459–61 **(Pol)**

[Action of high doses of monomeric IgG in treating children with chronic idiopathic thrombocytopenic purpura] Omarova KO, et al. **Gematol Transfuziol** 1985 Jan; 30(1):15–9 (Eng. Abstr.) **(Rus)**

[Splenectomy and immunological indicators in patients with hematologic diseases] Terekhov NT, et al. **Vrach Delo** 1985 Mar;(3):49–52 (Eng. Abstr.) **(Rus)**

[Use of intravenous gamma globulin in idiopathic thrombocytopenic purpura in children] González B, et al. **Rev Chil Pediatr** 1984 Nov–Dec;55(6):417–9 (Eng. Abstr.) **(Spa)**

URINE

Further characterization of human urinary megakaryocyte colon-stimulating factor and its kinetics in thrombopoietic disorders. Kawakita M, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec;47(8):1727–38

VETERINARY

Canine idiopathic thrombocytopenia: clinical observations and long-term follow-up in 54 cases. Williams DA, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):660–3

PURPURA, THROMBOTIC THROMBOPENIC

Thrombotic thrombocytopenic purpura. Kulkarni GA, et al. **Am Fam Physician** 1985 Feb;31(2):141–5 (12 ref.)

Thrombotic thrombocytopenic purpura and hemolytic uremic syndrome in pregnancy. Kwaan HC. **Clin Obstet Gynecol** 1985 Mar;28(1):101–6

BLOOD

Thrombotic thrombocytopenic purpura: clinical course and response to therapy in eight patients. Evans TL, et al. **Am J Hematol** 1984;17(4):401–7

Platelet-aggregating factor in thrombotic thrombocytopenic purpura [letter] Atkins JN. **Ann Intern Med** 1985 Apr; 102(4):560–1

The detection of a platelet-agglutinating factor in thrombotic thrombocytopenic purpura. Kelton JG, et al. **Ann Intern Med** 1984 Nov;101(5):589–93

Splenectomy and extravascular platelet destruction in thrombotic thrombocytopenic purpura. Rosove MH, et al. **Arch Intern Med** 1985 May;145(5):937–9

Effects of fresh-frozen plasma and its cryosupernatant fraction on von Willebrand factor multimeric forms in chronic relapsing thrombotic thrombocytopenic purpura. Moake JL, et al. **Blood** 1985 May;65(5):1232–6

beta-Thromboglobulin and platelet factor 4 levels in a case of acute thrombotic thrombocytopenic purpura. McRoyan DK, et al. **South Med J** 1985 Jun;78(6):745–8

CHEMICALLY INDUCED

Retinal manifestations of thrombotic thrombocytopenic purpura (TTP) following use of contraceptive treatment. Snir M, et al. **Ann Ophthalmol** 1985 Feb;17(2):109–12

COMPLICATIONS

Thrombotic thrombocytopenic purpura syndrome in systemic lupus erythematosus: treatment with plasma infusion. Gelfand J, et al. **Am J Kidney Dis** 1985 Sep; 6(3):154–60

Contrast-induced seizure associated with thrombotic thrombocytopenic purpura. Case report. Benear JB, et al. **Arch Intern Med** 1985 Feb;145(2):363–4

Serous retinal detachments in thrombotic thrombocytopenic purpura. Lambert SR, et al. **Arch Ophthalmol** 1985 Aug; 103(8):1172–4

Thrombotic thrombocytopenic purpura presenting as an acute abdomen. Elias M, et al. **Br J Surg** 1985 Apr;72(4):286

Ocular involvement in thrombotic thrombocytopenic purpura: the angiographic and histopathological features. Jellie HG, et al. **Can J Ophthalmol** 1984 Oct;19(6):279–83

The cost of surviving thrombotic thrombocytopenic purpura: case report. Greenberg DB, et al. **J Clin Psychiatry** 1984 Nov;45(11):477–9

Hemorrheological approach to thrombotic microangiopathies. Stratta P. **Nephron** 1985;40(1):67–73 (117 ref.)

DIAGNOSIS

Thrombotic thrombocytopenic purpura mimicking toxemia of pregnancy. Vandekerckhove F, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):320–2

Thrombotic thrombocytopenic purpura developing during pregnancy in a C2-deficient patient with a history of systemic lupus erythematosus. Dixit R, et al. **Arthritis Rheum** 1985 Mar;28(3):341–4

[Thrombotic thrombocytopenic purpura] Aul C, et al. **Klin Wochenschr** 1985 Feb 4;63(3):123–32 (Eng. Abstr.) **(Ger)**

[Evans syndrome. Presentation of a case in a newborn infant] Gamboa-Marrufo JD, et al. **Bol Med Hosp Infant Mex** 1984 Dec;41(12):682–4 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Therapy of chronic relapsing thrombotic thrombocytopenic purpura with prednisone and azathioprine. Moake JL, et al. **Am J Hematol** 1985 Sep;20(1):73–9

Effect of cyclophosphamide on the mitomycin-induced syndrome of thrombotic thrombocytopenic purpura [letter] Hug V, et al. **Cancer Treat Rep** 1985 May;69(5):565–6

Thrombotic thrombocytopenic purpura: treatment with nafazatrom. Williams HJ, et al. **Clin Lab Haematol** 1984; 6(2):199–202

Successful treatment of thrombotic thrombocytopenic purpura by epoprostenol infusion [letter] Payton CD, et al. **Lancet** 1985 Apr 20;1(8434):927–8

[Aggresrive therapy in a case of Moschowitz syndrome] Trono D, et al. **Nouv Rev Fr Hematol** 1984;26(6):387–90 (Eng. Abstr.) **(Fre)**

[Case of thrombotic thrombocytopenic purpura. Successful treatment with ticlopidine] Ishii Y, et al. **Rinsho Ketsueki** 1984 Jul;25(7):1097–102 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

Thrombotic thrombocytopenic purpura associated with small cell lung carcinoma. Riley MG, et al. **J Med Assoc Ga** 1985 Jul;74(7):498–501

[Association of autoimmune thrombopenic purpura and leiomyoma. Recovery after excision of the tumor] Duhamel G, et al. **Presse Med** 1984 Sep 29;13(33):2005–7 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

Immunohistochemistry of vascular lesion in thrombotic thrombocytopenic purpura, with special reference to factor VIII related antigen. Asada Y, et al. **Thromb Res** 1985 Jun 1;38(5):469–79

PATHOLOGY

Thrombocytopenia in a 34-year-old woman with chronic depression [clinical conference] **NY State J Med** 1984 Sep; 84(9):452–6

Idiopathic thrombocytopenic purpura during remission of thrombotic thrombocytopenic purpura. Stein RS, et al. **South Med J** 1984 Dec;77(12):1599–601

[Thrombotic thrombocytopenic purpura (Moschkowitz's disease)--a review of the literature with a case report] Gerdzhikova P, et al. **Vutr Boles** 1984;23(6):99–106 (40 ref.) (Eng. Abstr.) **(Bul)**

[An autopsy of thrombotic thrombocytopenic purpura associated with sepsis] Taneichi K, et al. **Nippon Naika Gakkai Zasshi** 1985 May;74(5):618–23 **(Jpn)**

PHYSIOPATHOLOGY

Thrombotic thrombocytopenic purpura: recovery after splenectomy associated with persistence of abnormally large von Willebrand factor multimers. Rowe JM, et al. **Am J Hematol** 1985 Oct;20(2):161–8

Thrombotic thrombocytopenic purpura. I. Pathophysiology and clinical manifestations. Sills RH. **Am J Pediatr Hematol Oncol** 1984 Winter;6(4):425–30 (48 ref.)

SURGERY

The role of splenectomy in multimodality treatment of thrombotic thrombocytopenic purpura. Schneider PA, et al. **Ann Surg** 1985 Sep;202(3):318–22

THERAPY

Successful management of thrombocytopenia, microangiopathic anemia, and acute renal failure by plasmapheresis. Hakim RM, et al. **Am J Kidney Dis** 1985 Mar;5(3):170–6

Thrombotic thrombocytopenic purpura. II. Principles of therapy and guidelines for management. Sills RH. **Am J Pediatr Hematol Oncol** 1984 Winter;6(4):431–9 (51 ref.)

Plasma exchange in thrombotic thrombocytopenic purpura. Toffelmire EB, et al. **Can Med Assoc J** 1984 Dec 1; 131(11):1371–6

Plasma exchange and concomitant therapy in TTP. Stoffner D, et al. **Int J Artif Organs** 1984 Jul;7(4):223–8

Thrombotic thrombocytopenic purpura: report of fourteen cases--occurrence during pregnancy and response to plasma exchange. Caggiano V, et al. **J Clin Apheresis** 1983; 1(2):71–85 (150 ref.)

Treatment of thrombotic thrombocytopenic purpura with plasma exchange: five cases. Gupta S, et al. **J Clin Apheresis** 1984;2(2):195–9

Plasma therapy for thrombotic thrombocytopenic purpura. Sometimes it works, but why? Aster RH. **N Engl J Med** 1985 Apr 11;312(15):985–7

Thrombotic thrombocytopenic purpura in early pregnancy. Ambrose A, et al. **Obstet Gynecol** 1985 Aug;66(2):267–72

Recurrent thrombotic thrombocytopenic purpura in early pregnancy: effect of uterine evacuation. Natelson EA, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):54S–56S

How many plasma exchanges to cure thrombotic thrombocytopenic purpura? Joneau M, et al. **Scand J Haematol** 1985 Feb;34(2):157–9

Thrombotic thrombocytopenic purpura in pregnancy: response to plasma manipulations. Upshaw JD Jr, et al. **South Med J** 1985 Jun;78(6):677–80

[Thrombotic thrombocytopenic purpura or Moschcowitz syndrome] Holdrinet RS, et al. **Ned Tijdschr Geneeskd** 1984 Oct 13;128(41):1944–8 **(Dut)**

[Differential therapy of thrombotic-thrombopenic purpura. Administration of fresh plasma versus plasma separation] Aul C, et al. **Dtsch Med Wochenschr** 1984 Dec 14; 109(50):1922–6 (Eng. Abstr.) **(Ger)**

[Thrombotic thrombocytopenic purpura (TTP) with a remission following splenectomy after the failure of antiplatelet therapy and plasmapheresis] Nagata K, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1699–704 (Eng. Abstr.) **(Jpn)**

PURSUIT, SMOOTH see under **EYE MOVEMENTS**

PUS see **SUPPURATION**

PUSTULANTS see **IRRITANTS**

PUTAMEN

Hypertensive putaminal hemorrhage presenting with hemichorea. Jones HR Jr, et al. **Stroke** 1985 Jan–Feb; 16(1):130–1

[Cerebral blood flow in patients with hypertensive intracerebral hemorrhage. With special reference to differences in the mechanism of flow reduction between putaminal and thalamic hemorrhages] Sugiyama H. **Neurol Med Chir (Tokyo)** 1984 Aug;24(8):564–72 (Eng. Abstr.) **(Jpn)**

[Relationship between CT findings and consciousness in patients with hypertensive putamen hemorrhage] Yamane K, et al. **No To Shinkei** 1984 Oct;36(10):1025–30 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Striatal dopamine receptors in Alzheimer-type dementia. Cross AJ, et al. **Neurosci Lett** 1984 Nov 23;52(1–2):1–6

ANATOMY & HISTOLOGY

Projection of the digit and wrist area of precentral gyrus to the putamen: relation between topography and physiological properties of neurons in the putamen. Liles SL, et al. **Brain Res** 1985 Jul 29;339(2):245–55

Topographical projections from the thalamus to the putamen in the cat. Takada M, et al. **Neurosci Lett** 1985 Mar 15; 54(2–3):207–12

BLOOD SUPPLY

Pure motor hemiparesis due to hypertensive putaminal haemorrhage. Jain S, et al. **Eur Neurol** 1985;24(3):205–7

A histochemical study of cerebral cortical vessels and ganglionic vessels of the caudatoputamen in aging normotensive rats. Rieke GK, et al. **Stroke** 1985 Mar–Apr; 16(2):285–92

CYTOLOGY

A quantitative approach to cytoarchitectonics. X. The areal pattern of the neostriatum in the domestic pigeon, Columba livia f.d. A cyto- and myeloarchitectonical study. Rehkämper G, et al. **Anat Embryol (Berl)** 1985; 171(3):345–55

Cholinergic neurons in the nucleus tegmenti pedunculopontinus pars compacta and the caudoputamen of the rat: a light and electron microscopic immunohistochemical study using a monoclonal antibody to choline acetyltransferase. Sugimoto T, et al. **Neurosci Lett** 1984 Sep 28;51(1):113–7

DRUG EFFECTS

The effects of SCH 23390, YM 09151-2, (+)- and (-)-3-PPP and some classical neuroleptics on D-1 and D-2 receptors in rat neostriatum in vitro. Plantjé JF, et al. **Eur J Pharmacol** 1984 Oct 1;105(1-2):73-83

Responses of striatal neurons in the behaving monkey. 3. Effects of iontophoretically applied dopamine on normal responsiveness. Rolls ET, et al. **Neuroscience** 1984 Aug; 12(4):1201-12

Specific opioid-amphetamine interactions in the caudate putamen. Woo SK, et al. **Psychopharmacology (Berlin)** 1985; 85(3):371-6

[Activity of dopaminergic neurons of the substantia nigra following lesions of the neostriatum by kainic acid] Doudet D, et al. **C R Soc Biol (Paris)** 1984;178(3):298-306 (Eng. Abstr.) **(Fre)**

[Nonuniform effect of cataleptogenic and atypical neuroleptics on the turning reactions induced by stimulation of the putamen and caudate nucleus in cats] Anokhov SS, et al. **Farmakol Toksikol** 1984 Nov-Dec; 47(6):16-20 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Histochemical study of GABA-transaminase activity in the caudate-putamen nucleus of rat: statistical and cytophotometric investigation. Martinez-Rodriguez R, et al. **Cell Mol Biol** 1984;30(5):453-8

Increased alanine aminotransferase activity in the Huntington's disease putamen. Carter CJ. **J Neurol Sci** 1984 Oct;66(1):27-32

Reduced GABA transaminase activity in the Huntington's disease putamen. Carter CJ. **Neurosci Lett** 1984 Aug 10; 48(3):339-42

METABOLISM

Dopamine D-2 receptors in rat caudate-putamen: the lateral to medial gradient does not correspond to dopaminergic innervation. Joyce JN, et al. **Brain Res** 1985 Jul 15; 338(2):209-18

Binding of a novel dopaminergic agonist radioligand [3H]-fenoldopam (SKF 82526) to D-1 receptors in rat striatum. Flaim KE, et al. **Life Sci** 1985 Apr 15; 36(15):1427-36

Sodium dependent [3H]cocaine binding associated with dopamine uptake sites in the rat striatum and human putamen decrease after dopaminergic denervation and in Parkinsons disease. Schoemaker H, et al.
Naunyn Schmiedebergs Arch Pharmacol 1985 May; 329(3):227-35

Intracerebroventricular administration of
1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) and its metabolite 1-methyl-4-phenylpyridinium ion (MPP+) decrease dopamine and increase acetylcholine in the mouse neostriatum. Cavalla D, et al.
Neuropharmacology 1985 Jun;24(6):585-6

alpha-MSH and Pro-Leu-Gly-NH2 (PLG; MIF-1): influence on dopamine (DA) uptake in crude synaptosomal preparations from rat mediobasal hypothalamus (MBH) and caudate putamen (CP). Torre E, et al.
Peptides (Fayetteville) 1984 Jul-Aug;5(4):669-74

[Increased 3H-muscimol binding in post-mortem brains of chronic schizophrenics] Hanada S, et al.
Seishin Shinkeigaku Zasshi 1984;86(3):225-9 **(Jpn)**

PATHOLOGY

The temporal evolution of hypoglycemic brain damage. III. Light and electron microscopic findings in the rat caudoputamen. Kalimo H, et al.
Acta Neuropathol (Berl) 1985;67(1-2):37-50

Neuronal distribution in the putamen in Huntington's disease. Roos RA, et al. **J Neurol Neurosurg Psychiatry** 1985 May; 48(5):422-5

PHYSIOLOGY

Effects of unilateral 6-hydroxydopamine lesions of the caudate-putamen on skilled forepaw use in the rat. Evenden JL, et al. **Behav Brain Res** 1984 Oct;14(1):61-8

Activity of neurons in putamen during active and passive movements of wrist. Liles SL. **J Neurophysiol** 1985 Jan; 53(1):217-36

Apomorphine-induced inhibition of neostriatal activity is enhanced by lesions induced by 6-hydroxydopamine but not by long-term administration of amphetamine. Alloway KD, et al. **Neuropharmacology** 1984 Sep;23(9):1033-9

RADIOGRAPHY

[Study of the descending tentorial herniation sign in patients with putamenal hemorrhage at the acute stage] Handa Y, et al. **No To Shinkei** 1985 Mar;37(3):263-7 (Eng. Abstr.) **(Jpn)**

PUTRESCINE

ANALOGS & DERIVATIVES

Cytotoxic activity of aziridinyl putrescine enhanced by polyamine depletion with alpha-difluoromethylornithine. Heston WD, et al. **Biochem Pharmacol** 1985 Jul 1; 34(13):2409-10

Specific inhibition of polyamine oxidase in vivo is a method for the elucidation of its physiological role. Bolkenius FN, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):69-76

Distribution of selected phospholipid modifying enzymes in rat brain microsomal subfractions prepared by density gradient zonal rotor centrifugation. Bansal VS, et al. **Neurochem Res** 1985 Apr;10(4):439-51

ANALYSIS

Putrescine distribution in Escherichia coli studied in vivo by 13C nuclear magnetic resonance. Frydman B, et al. **Biochim Biophys Acta** 1984 Dec 11;805(4):337-44

[Radioimmunoassay of polyamine. II. A new method for the quantitative assay of putrescine] Fan ZF.
Chung Hua Chung Liu Tsa Chih 1984 May;6(3):182-4 (Eng. Abstr.) **(Chi)**

[Concentration profiles of putrescine and cadaverine in inoculated vacuum packed beef] Slemr J, et al.
Z Lebensm Unters Forsch 1984 Oct;179(4):305-7 (Eng. Abstr.) **(Ger)**

BIOSYNTHESIS

Putrescine biosynthesis in Tetrahymena thermophila. Yao KM, et al. **Biochem J** 1984 Sep 15;222(3):679-84

Expression of the cloned genes encoding the putrescine biosynthetic enzymes and methionine adenosyltransferase of Escherichia coli (speA, speB, speC and metK). Boyle SM, et al. **Gene** 1984 Oct;30(1-3):129-36

Putrescine and cadaverine formation in vacuum packed beef. Edwards RA, et al. **J Appl Bacteriol** 1985 Jan;58(1):13-9

[Effect of splenectomy on liver regeneration after partial hepatectomy--on the metabolism of polyamine] Kubo S, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan; 82(1):100-7 (Eng. Abstr.) **(Jpn)**

BLOOD

Putrescine transport in human platelets. Nadler SG, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):345-52

ISOLATION & PURIFICATION

Separation of cadaverine from putrescine, histamine and polyamines in rat kidney by phosphocellulose chromatography. Furuta H, et al. **J Chromatogr** 1985 Jan 11;337(1):103-9

METABOLISM

A sum of 14C-putrescine metabolites as a measure of DAO activity. Column chromatography assay. Fogel WA, et al. **Agents Actions** 1985 Apr;16(3-4):99-101

Histamine reduces the deamination of putrescine in vitro--but also in vivo? Kusche J, et al. **Agents Actions** 1985 Apr;16(3-4):102-4

Polyamine uptake by bovine adrenocortical cells. Feige JJ, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):93-100

Paraquat and putrescine uptake by lung slices of fetal and newborn rats. Gaudreault P, et al. **Drug Metab Dispos** 1984 Sep-Oct;12(5):550-2

Acetylation of polyamines in chicken brain and retina. Grillo MA, et al. **Int J Biochem** 1984;16(12):1349-52

Control of utilization of L-arginine, L-ornithine, agmatine, and putrescine as nitrogen sources in Escherichia coli K-12. Shaibe E, et al. **J Bacteriol** 1985 Sep;163(3):938-42

Metabolic pathway for the utilization of L-arginine, L-ornithine, agmatine, and putrescine as nitrogen sources in Escherichia coli K-12. Shaibe E, et al. **J Bacteriol** 1985 Sep;163(3):933-7

Evidence against putrescine and polyamines as endogenous mediators of fever. Dascombe MJ, et al.
J Pharm Pharmacol 1985 May;37(5):365-6

Anti-inflammatory action of drugs that raise
adenosine-3',5'-cyclic monophosphate and putrescine levels in-vivo. Mohd Hidir S, et al.
J Pharm Pharmacol 1984 Nov;36(11):760-2

Polyamines and pancreatic growth induced by caerulein. Morisset J, et al. **Life Sci** 1984 Dec 10;35(24):2471-80

Ethanol involvement in putrescine and histamine oxidation by guinea pig liver. Biegański T, et al.
Pol J Pharmacol Pharm 1984 Nov-Dec;36(6):633-40

The accumulation of putrescine and paraquat into lung slices taken from BHT treated mice. Smith LL, et al.
Toxicology 1983 May;27(1):1-13

PHARMACODYNAMICS

Catalytic irreversible inhibition of Trypanosoma brucei brucei ornithine decarboxylase by substrate and product analogs and their effects on murine trypanosomiasis. Bitonti AJ, et al. **Biochem Pharmacol** 1985 May 15;34(10):1773-7

Effect of intraventricular putrescine on adenosylmethionine decarboxylase in rat hypothalamus and caudate nucleus. Ientile R, et al. **J Neurochem** 1985 Apr;44(4):1315-7

Reversal of the growth inhibitory effect of
alpha-difluoromethylornithine by putrescine but not by other divalent cations. Oredsson SM, et al.
Mol Cell Biochem 1984 Sep;64(2):163-72

Distinct roles of putrescine and spermidine in the regulation of ornithine decarboxylase in Neurospora crassa. Davis RH, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4105-9

Cardiovascular effects of putrescine in dogs after systemic, intra-arterial vertebral and intraventricular injection. Rossi F, et al. **Res Commun Chem Pathol Pharmacol** 1984 Oct; 46(1):43-52

Effects of exogenous putrescine on the retinoic acid-induced reduction of
12-O-tetradecanoyl-phorbol-13-acetate-stimulated putrescine accumulation and rate of DNA synthesis in the hairless mouse epidermis. Paulsen JE.
Virchows Arch [Cell Pathol] 1984;46(3):199-204

PUVA THERAPY see under **PHOTOCHEMOTHERAPY**

PYELITIS

RADIOGRAPHY

Emphysematous renal and perirenal infection in nondiabetic patient. Pode D, et al. **Urology** 1985 Sep;26(3):313-5

PYELOGRAPHY see **UROGRAPHY**

PYELONEPHRITIS

see related
KIDNEY FAILURE, CHRONIC

Bilateral emphysematous pyelonephritis. Zabbo A, et al. **Urology** 1985 Mar;25(3):293-6

[Urologico-nephrologic status in patients who had acute cystopyelonephritis during pregnancy] Zajacová E, et al. **Bratisl Lek Listy** 1985 Feb;83(2):109-16 (Eng. Abstr.) **(Slo)**

BLOOD

[Blood Na and K concentrations in the erythrocytes of children with nephrotic syndrome, uremia and pyelonephritis] Toldi Z, et al. **Orv Hetil** 1984 Aug 19; 125(34):2053-6 (Eng. Abstr.) **(Hun)**

[Fundamental and clinical studies on latamoxef in the perinatal period] Takase Z, et al. **Jpn J Antibiot** 1984 Jun; 37(6):991-1005 (Eng. Abstr.) **(Jpn)**

COMPLICATIONS

Acute pyelonephritis as a cause of late transplant dysfunction. Gillum DM, et al. **Am J Med** 1985 Jan;78(1):156-8

Does kidney infection cause renal failure? Kunin CM. **Annu Rev Med** 1985;36:165-76 (35 ref.)

Spontaneous intraperitoneal rupture of pyonephrosis during pregnancy. Egwuatu VE. **Br J Urol** 1984 Apr;56(2):224-5

A confused diabetic with fever, pain, nausea. Kennedy DJ, et al. **Hosp Pract [Off]** 1985 May 30;20(5A):19-21

Pyeloplastic surgery in the presence of suppurative pyelonephritis. Szokoly V, et al. **Int Urol Nephrol** 1985; 17(1):15-21

Bacteremic urosepsis: a phenomenon unique to elderly women. Gleckman RA, et al. **J Urol** 1985 Feb;133(2):174-5

Pyocystis, pyonephrosis and perinephric abscess in end stage renal disease. Lees JA, et al. **J Urol** 1985 Oct;134(4):716-9

Emphysematous pyelonephritis [editorial] **Lancet** 1985 Aug 10;2(8450):314-5

The role of Tamm-Horsfall protein in the pathogenesis of reflux nephropathy and chronic pyelonephritis. Andriole VT. **Yale J Biol Med** 1985 Mar-Apr;58(2):91-100 (78 ref.)

[Preventive use of heparin in women with septic abortion and pyelonephritis in pregnancy] Zrubek H, et al.
Ginekol Pol 1984 Nov;55(11):855-8 (Eng. Abstr.) **(Pol)**

[Prevention of reflux nephropathy as a cause of chronic renal failure in children] Krzeska I. **Pediatr Pol** 1984 Sep; 59(9):757-70 (Eng. Abstr.) **(Pol)**

[Correction of disorders of central and renal hemodynamics in patients with chronic calculous pyelonephritis with obzidan] Neimark AI. **Urol Nefrol (Mosk)** 1985 Jan-Feb; (1):17-20 **(Rus)**

[Characteristics of stomach lesions in chronic kidney disease] Ryss ES, et al. **Urol Nefrol (Mosk)** 1985 Mar-Apr;(2):53-7 (Eng. Abstr.) **(Rus)**

[Incidence of arterial hypertension in patients with signs of chronic pyelonephritis on intravenous urography] Kes P, et al. **Lijec Vjesn** 1985 Jul;107(7):277-82 (Eng. Abstr.) **(Scr)**

[Reno-ileal fistula as a complication of xanthogranulomatous pyelonephritis] Ramírez Ruiz F, et al. **Actas Urol Esp** 1985 Mar-Apr;9(2):169-72 (Eng. Abstr.) **(Spa)**

CONGENITAL

[Pathology of organs of the urinary system in children with high risk of prenatal Coxsackie virus infection] Lozovskaia LS, et al. **Vestn Akad Med Nauk SSSR** 1985;(6):82-7 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Sensitivity of sonography in pyonephrosis: a reevaluation. Jeffrey RB, et al. **AJR** 1985 Jan;144(1):71-3

Comparison of reliability of tests to distinguish upper from lower urinary tract infection [letter] Sandberg T, et al. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):1004

Diagnosing a common kidney infection of the elderly inpatient. Gleckman RA. **Geriatrics** 1985 Sep;40(9):87-92

Sonography of emphysematous pyelonephritis. Allen HA 3d, et al. **J Ultrasound Med** 1984 Dec;3(12):533-7

Emphysematous pyelonephritis in a renal transplant: sonographic and computed tomographic features. Balsara VJ, et al. **J Ultrasound Med** 1985 Feb;4(2):97-9

Xanthogranulomatous pyelonephritis:
sonographic--pathologic correlation of 16 cases. Hartman

DS, et al. **J Ultrasound Med** 1984 Nov;3(11):481-8

Tubular dysfunctions in the diagnostic differentiation of glomerulonephritis, pyelonephritis, and diabetic nephropathy. Dutz W Jr, et al. **Nephron** 1985;39(2):77-9

Emphysema in the renal allograft. Potter JL, et al. **Radiology** 1985 Apr;155(1):51-2

[Comparative clinical x-ray, radioisotope nephrographic and ultrasonic studies of chronic pyelonephritis patients] Gruev I, et al. **Vutr Boles** 1985;24(3):39-47 (Eng. Abstr.) **(Bul)**

[Emphysematous pyelonephritis. A rare disease. Critical analysis of the literature. Apropos of a new case] Wart F, et al. **Acta Urol Belg** 1984;52(4):524-31 (Eng. Abstr.) **(Fre)**

[Bacteriuria and pyelonephritis in pregnancy] Zwahlen A. **Rev Med Suisse Romande** 1984 Aug;104(8):577-82 (29 ref.) **(Fre)**

[Sonography in the diagnosis of pyelonephritis scars] Busch R, et al. **Dtsch Med Wochenschr** 1985 Feb 22;110(8):303-7 (Eng. Abstr.) **(Ger)**

[New possibilities in the differential diagnosis of lower and upper urinary tract infections] Tulassay T, et al. **Orv Hetil** 1985 Mar 10;126(10):569-72 (Eng. Abstr.) **(Hun)**

[Xanthogranulomatous pyelonephritis] Bezzi TM, et al. **Minerva Pediatr** 1985 Apr 30;37(7-8):301-5 (Eng. Abstr.) **(Ita)**

[Clinical aspects of 27 cases of xanthogranulomatous pyelonephritis] Mottola A, et al. **Minerva Urol Nefrol** 1984 Jul-Sep;36(3):211-5 (Eng. Abstr.) **(Ita)**

[Serum sialic acid levels in acute urinary tract infection] Ohkawa M, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jun;75(6):951-8 (Eng. Abstr.) **(Jpn)**

[Suppurative pyelonephritis in pregnancy] Voĭno-Iasenetskiĭ AM, et al. **Akush Ginekol (Mosk)** 1985 May;(5):68-9 **(Rus)**

[Thermography in the diagnosis of complications after kidney transplantation] Belorusov OS, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):93-7 **(Rus)**

[Instrumental and functional diagnosis of pyelonephritis in the transplanted kidney] Chemisova GG, et al. **Vestn Khir** 1984 Aug;133(8):49-53 (Eng. Abstr.) **(Rus)**

[Characteristics of the course of pyelonephritis and its treatment in diabetes mellitus patients] Bachurin VI. **Vrach Delo** 1984 Sep;(9):51-4 (Eng. Abstr.) **(Rus)**

[Non-tuberculous abscess of the psoas muscle] Ponz González M, et al. **Arch Esp Urol** 1984 Sep-Oct;37(5):446-8 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Treatment of staphylococcal pyelonephritis in rats with N-formimidoyl thienamycin. Guze PA, et al. **Chemioterapia** 1984 Feb;3(1):53-6

Long-term intermittent netilmicin therapy of chronic pyelonephritis: a pharmacokinetic and clinical study. Graber H, et al. **Int J Clin Pharmacol Res** 1985;5(2):93-8

Therapeutic potential of high renal levels of aminoglycosides in pyelonephritis. Bergeron MG. **J Antimicrob Chemother** 1985 Jan;15(1):4-8 (36 ref.)

Therapy of symptomatic pyelonephritis in women. Gleckman R, et al. **J Urol** 1985 Feb;133(2):176-8

[Effect of cyclophosphamide in experimental pyelonephritis in mice] Slavcheva E, et al. **Eksp Med Morfol** 1984; 23(4):186-95 (Eng. Abstr.) **(Bul)**

[Urinary enzyme excretion in cephalothin therapy in pregnancy] Balogh A, et al. **Zentralbl Gynakol** 1985; 107(2):90-7 (Eng. Abstr.) **(Ger)**

[Fundamental and clinical studies on cefminox in the field of pediatrics] Iwai N, et al. **Jpn J Antibiot** 1985 Mar; 38(3):705-19 (Eng. Abstr.) **(Jpn)**

[Pharmacokinetics of cefuroxime in pregnant women with acute pyelonephritis] Akhtamova ZM, et al. **Antibiot Med Biotekhnol** 1985 Feb;30(2):124-8 (Eng. Abstr.) **(Rus)**

[Ampicillin pharmacokinetics in pregnant women with acute pyelonephritis] Akhtamova ZM, et al. **Antibiot Med Biotekhnol** 1985 Mar;30(3):228-32 (Eng. Abstr.) **(Rus)**

[Enzymological evaluation of the hepatotoxicity of ampicillin and its therapeutic form, roscillin, in the treatment of pyelonephritis in pregnancy] Tamarkina AD, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):62-4 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Pathogenesis of Escherichia coli cystitis and pyelonephritis: apparent lack of significance of bacterial motility and chemotaxis towards human urine. Herrmann B, et al. **Infection** 1985 Jan-Feb;13(1):4-7

Molecular basis of Escherichia coli colonization of the upper urinary tract in BALB/c mice. Gal-Gal pili immunization prevents Escherichia coli pyelonephritis in the BALB/c mouse model of human pyelonephritis. O'Hanley P, et al. **J Clin Invest** 1985 Feb;75(2):347-60

Bacterial endocarditis in rats with experimental enterococcal pyelonephritis [letter] Guze PA, et al. **J Infect Dis** 1985 May;151(5):973-4

Strain-dependent differences in susceptibility of mice to experimental pyelonephritis. Guze PA, et al. **J Infect Dis** 1985 Aug;152(2):416-9

Effect of insulin treatment on the susceptibility of the diabetic rat to Escherichia coli-induced pyelonephritis. Levison ME, et al. **J Infect Dis** 1984 Oct;150(4):554-60

Interaction of multiple risk factors in the pathogenesis of experimental reflux nephropathy in the pig. Torres VE, et al. **J Urol** 1985 Jan;133(1):131-5

Emphysematous pyelonephritis in a patient with diabetes mellitus and total pelvic exenteration. Bakri YN, et al. **Obstet Gynecol** 1984 Nov;64(5):740-1

Medical progress: immunobiology and genetic factors in the pathogenesis of pyelonephritis. Hemstreet GP 3d, et al. **Surv Synth Pathol Res** 1984;3(2):93-111

Gonococcal epididymitis and pyelonephritis in a male. Panwalker AP. **Urology** 1985 Jun;25(6):630-1

[New findings in the pathogenesis of pyelonephritis] Gruev I. **Vutr Boles** 1984;23(5):17-20 (15 ref.) **(Bul)**

[Pyonephrosis: a symptom manifesting a ureteral tumor. Apropos of 4 case reports] Markovic B. **Ann Urol (Paris)** 1984 May;18(3):183-4 (Eng. Abstr.) **(Fre)**

[What does a chronic pyelonephritis scar mean?] Mégevand M, et al. **Ther Umsch** 1985 Feb;42(2):106-8 (Eng. Abstr.) **(Fre)**

[Emphysematous pyelonephritis: report of a case] Takigawa H, et al. **Hinyokika Kiyo** 1985 Feb;31(2):289-94 (Eng. Abstr.) **(Jpn)**

[Fraley's solitary kidney syndrome in an 11-year-old girl] Kacprzyk SS, et al. **Wiad Lek** 1984 Jun 1;37(11):881-3 (Eng. Abstr.) **(Pol)**

[Pyelonephritis in parturients] Emel'ianova AI. **Akush Ginekol (Mosk)** 1985 May;(5):70-4 **(Rus)**

[Pathogenesis of acute pyelonephritis in the contralateral kidney] Nadareĭshvili AK. **Sov Med** 1984;(8):17-22 **(Rus)**

FAMILIAL & GENETIC

Comparison of the development of experimental pyelonephritis in homozygous brattleboro diabetes insipidus rats, heterozygous control rats and normal Wistar rats. Güngör M, et al. **Infection** 1985 Mar-Apr;13(2):82-4

Genetic factor(s) influence scar formation in experimental pyelonephritis. Miller TE, et al. **Nephron** 1985;40(3):374-5

IMMUNOLOGY

Appearance of immunoglobulin classes and complement (C3) during Corynebacterium renale-induced experimental pyelonephritis in the rat. De Buysscher EV, et al. **Am J Vet Res** 1985 Feb;46(2):401-3

Pyelonephritis: the role of cell-mediated immunity defined in a congenitally athymic rat. Miller T. **Kidney Int** 1984 Dec;26(6):816-22

Auto-antibody to kidney tubular cells during retrograde chronic pyelonephritis in rats. Feye GL, et al. **Nephron** 1985;39(4):371-6

Urinary immunoglobulins in healthy individuals and children with acute pyelonephritis. Svanborg Edén C, et al. **Scand J Immunol** 1985 Apr;21(4):305-13

[Serum resistance of Escherichia coli in chronic pyelonephritis. 1. Serum resistance in the human serum pool] Falkenhagen U, et al. **Z Urol Nephrol** 1984 Jul; 77(7):391-400 (Eng. Abstr.) **(Ger)**

[Serum resistance of Escherichia coli and serum bactericidal activity in chronic pyelonephritis] Falkenhagen U, et al. **Z Urol Nephrol** 1984 Nov;77(11):629-38 (Eng. Abstr.) **(Ger)**

[Preliminary results of the vaccine treatment of chronic pyelonephritis in animal experiments] Straube E, et al. **Z Urol Nephrol** 1984 Jul;77(7):401-5 (Eng. Abstr.) **(Ger)**

[Health and immunological status of newborn infants born to women with chronic pyelonephritis] Levina NP, et al. **Pediatriia** 1984 Dec;(12):24-6 (Eng. Abstr.) **(Rus)**

[Cellular and humoral immunity in pyelonephritis] Azikuri OI. **Urol Nefrol (Mosk)** 1985 Mar-Apr;(2):10-1 (Eng. Abstr.) **(Rus)**

[Immunity parameters in chronic pyelonephritis in adults] Kalugina GV, et al. **Urol Nefrol (Mosk)** 1985 Mar-Apr; (2):6-9 (Eng. Abstr.) **(Rus)**

[Circulating immune complexes in pyelo- and glomerulonephritis patients] Chebotareva VD, et al. **Vrach Delo** 1984 Aug;(8):66-9 **(Rus)**

MICROBIOLOGY

Multiple forms of genes in pyelonephritogenic Escherichia coli encoding adhesins binding globoseries glycolipid receptors. Hull S, et al. **Infect Immun** 1985 Jan;47(1):80-3

P-fimbriae studies on the diagnosis and prevention of acute pyelonephritis. Källenius G, et al. **Infection** 1985 May-Jun; 13(3):159-62

P fimbriated Escherichia coli in adults with acute pyelonephritis [letter] Jacobsen SH, et al. **J Infect Dis** 1985 Aug;152(2):426-7

Gal-Gal binding and hemolysin phenotypes and genotypes associated with uropathogenic Escherichia coli. O'Hanley P, et al. **N Engl J Med** 1985 Aug 15;313(7):414-20

[Microbial spectrum in chronic pyelonephritis and the drug sensitivity of the microorganisms] Gruev I, et al. **Vutr Boles** 1985;24(3):33-8 (Eng. Abstr.) **(Bul)**

[Antibiotic sensitivity of microorganisms isolated from urine in exacerbations of chronic pyelonephritis] Nekhorosheva AG, et al. **Antibiot Med Biotekhnol** 1985 May;30(5):378-80 **(Rus)**

[P-fimbriae receptor interaction. New discoveries in pyelonephritis and urinary sepsis] Källenius G, et al. **Lakartidningen** 1985 Apr 10;82(15):1349-52 **(Swe)**

OCCURRENCE

Epidemic outbreaks of acute pyelonephritis caused by nosocomial spread of P fimbriated Escherichia coli in children. Tullus K, et al. **J Infect Dis** 1984 Nov; 150(5):728-36

Epidemic pyelonephritis in babies? [editorial] **Lancet** 1985 Jan 12;1(8420):87

PATHOLOGY

Intimal lesions of renal interlobular arteries with reference to age, chronic nephritis and arterial blood pressure. Miechowiecka N. **Acta Med Pol** 1983;24(1-4):1-23

Xanthogranulomatous pyelonephritis in childhood. Kierce F, et al. **Br J Urol** 1985 Jun;57(3):261-4

Xanthogranulomatous pyelonephritis in children. Braun G, et al. **J Urol** 1985 Feb;133(2):236-9

Pyelonephritic scarring in 213 patients with upper and lower urinary tract infections: long-term followup. Huland H, et al. **J Urol** 1984 Nov;132(5):936-9

Xanthogranulomatous pyelonephritis [editorial] **Lancet** 1985 Sep 21;2(8456):649-50

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 31-1985. A 43-year-old man with nine years of fever of unknown origin. **N Engl J Med** 1985 Aug 1;313(5):312-8

[Xanthogranulomatous pyelonephritis in children and adults] Swoboda PM, et al. **Urologe [Ausg A]** 1985 Jan;24(1):20-4 (Eng. Abstr.) **(Ger)**

[Experimental pyelonephritis induced in rabbits by immunological means. A morphopathological study] Iseki T. **Nippon Hinyokika Gakkai Zasshi** 1984 Jul;75(7):1109-23 (Eng. Abstr.) **(Jpn)**

[Experimental ascending pyelonephritis. Light, scanning electron and transmission electron microscopic observations] Nakashima T. **Nippon Hinyokika Gakkai Zasshi** 1984 Sep;75(9):1359-71 (Eng. Abstr.) **(Jpn)**

[State of mucous membrane of the upper segments gastrointestinal tract in patients with chronic kidney diseases] Riabov SI, et al. **Klin Med (Mosk)** 1985 Jun; 63(6):102-7 (Eng. Abstr.) **(Rus)**

[Features of the sclerotic process in the kidneys in hydronephrosis and pyelonephritis in children] Maksimova IG. **Urol Nefrol (Mosk)** 1984 Sep-Oct;(5):18-21 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Experimental pyelonephritis in the monkey. VII. Ascending pyelonephritis in the absence of vesicoureteral reflux. Roberts JA, et al. **J Urol** 1985 Jun;133(6):1068-75

[Arterial hypertension in urinary tract infections] Siciński A, et al. **Pol Arch Med Wewn** 1984 May;71(5):293-300 (Eng. Abstr.) **(Pol)**

[Informative value of electroencephalography in the evaluation of the work capacity of patients with chronic kidney diseases] Povorinskiĭ AG, et al. **Ter Arkh** 1984; 56(7):100-2 (Eng. Abstr.) **(Rus)**

[Hemodynamic indices of middle-aged and elderly patients suffering from diabetes mellitus and chronic pyelonephritis] Bachurin VI. **Vrach Delo** 1984 Aug;(8):59-61 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

[Surgery of vesico-ureteral reflux: results on infections] Boiteux JP, et al. **Ann Urol (Paris)** 1984 May;18(3):190-1 (Eng. Abstr.) **(Fre)**

[Current possibilities in the prevention of chronic pyelonephritis] Maggiore Q, et al. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4 Suppl):43-5 **(Ita)**

RADIOGRAPHY

Emphysematous pyelonephritis. Shah BN, et al. **Br J Urol** 1984 Oct;56(5):548-9

CT diagnosis of emphysematous pyelonephritis. Vas W, et al. **Comput Radiol** 1985 Jan-Feb;9(1):37-9

Computed tomography in xanthogranulomatous pyelonephritis. Hertle L, et al. **Eur Urol** 1984;10(6):385-8

Delayed contrast enhancement in acute focal bacterial nephritis: CT features. Ishikawa I, et al. **J Comput Assist Tomogr** 1985 Sep-Oct;9(5):894-7

Computed tomography of xanthogranulomatous pyelonephritis. Varma DG, et al. **J Comput Tomogr** 1985 Jul;9(3):241-7

Renal and perirenal infection: the role of computerized tomography. Bova JG, et al. **J Urol** 1985 Mar;133(3):375-8

[Chronic pyelonephritis as a false interpretation in the excretory urogram] Rieden K, et al. **Rontgenblatter** 1985 May;38(5):163-7 (Eng. Abstr.) **(Ger)**

[A case of xanthogranulomatous pyelonephritis] Kurooka N, et al. **Rinsho Hoshasen** 1984 May;29(5):623-6 (Eng. Abstr.) **(Jpn)**

[Two cases of renal pseudotumor in pyelonephritis] Murasawa M, et al. **Rinsho Hoshasen** 1985 Jan;30(1):141-4 (Eng. Abstr.) **(Jpn)**

[Radiographic evaluation of upper calyx syndrome] Winnicki S, et al. **Probl Med Wieku Rozwoj** 1984;13:68-72 (Eng. Abstr.) **(Pol)**

RADIONUCLIDE IMAGING

[Scintigraphic study of the kidneys with a 99m Tc-ascorbic complex in chronic pyelonephritis patients] Mlüchkov Kh, et al. **Vutr Boles** 1985;24(1):62-9 (Eng. Abstr.) **(Bul)**

[Dynamic scintigraphy of the kidneys during chronic pyelonephritis in patients with arterial hypertension] Kramer AA, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):32-9 (Eng. Abstr.) **(Rus)**

[Nephroscintigraphy in the diagnosis of acute pyelonephritis] Mil'ko VI, et al. **Vrach Delo** 1984 Sep;(9):46-9 (Eng. Abstr.) **(Rus)**

SURGERY

Arteriovenous fistula after partial nephrectomy--successful surgical repair. Report of a case. Dzsinich C, et al. **Thorac Cardiovasc Surg** 1984 Oct;32(5):325-8

[Postoperative course following interventions for 'septic kidney'] Maier U, et al. **Z Urol Nephrol** 1985 Mar; 78(3):153-6 (Eng. Abstr.) **(Ger)**

[Prolonged drip lavage of the caliceal-pelvic system of the kidneys after operations in the complex treatment of calculous pyelonephritis in children] Pulatov AT, et al. **Klin Khir** 1985;(6):19-21 (Eng. Abstr.) **(Rus)**

[Autologous transplantation of the kidneys in neuromuscular ureteral dysplasia] Savchenko NE, et al. **Urol Nefrol (Mosk)** 1985 May-Jun;(3):15-8 (Eng. Abstr.) **(Rus)**

THERAPY

Management of unilateral chronic pyelonephritis [editorial] Wilkinson R. **J R Soc Med** 1985 Apr;78(4):278-81

Emphysematous pyelonephritis--a case report. Chou YH, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Jan;84(1):154-9

[Emphysematous pyelonephritis--a report of 2 cases] Chen HS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Jan; 84(1):148-53 (Eng. Abstr.) **(Chi)**

[Febrile renal colic of pregnancy. A severe emergency] Aubert J, et al. **Ann Urol (Paris)** 1984 Sep;18(5):350-1 (Eng. Abstr.) **(Fre)**

[Characteristics of the treatment of pregnant women with septic abortion and pyelonephritis complicated by acute renal failure] Cherniakov VL, et al. **Akush Ginekol (Mosk)** 1985 May;(5):52-3 (Eng. Abstr.) **(Rus)**

[Moderately mineralized (Obukhovskaia) mineral water and urosulfan electrophoresis in the treatment of children with pyelonephritis] Tret'iakova LF, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep-Oct;(5):45-7 (Eng. Abstr.) **(Rus)**

URINE

Detection of latent bacteriuria in patients with chronic pyelonephritis. Kochemasova ZN, et al. **J Hyg Epidemiol Microbiol Immunol** 1985;29(1):89-95

Fever and proximal tubular function in acute pyelonephritis. Sandberg T, et al. **Nephron** 1985;41(1):39-44

[Features of proteinuria in the differential diagnosis of latent pyelonephritis and glomerulonephritis] Makhlin NV, et al. **Urol Nefrol (Mosk)** 1984 Nov-Dec;(6):61-3 (Eng. Abstr.) **(Rus)**

PYELONEPHRITIS, ACUTE NECROTIZING see **KIDNEY PAPILLARY NECROSIS**

PYGATHRIX see **CERCOPITHECIDAE**

PYKNOLEPSY see **EPILEPSY, PETIT MAL**

PYLORIC ANTRUM

Endoscopic diagnosis of recurrent peptic ulcer due to retained antrum. Rashid A. **JPMA** 1985 Jan;35(1):24-5

Gastric antral ulcers induced by a combination of acid, indomethacin and ischemia in rats. Hirose F, et al. **Jpn J Pharmacol** 1985 Jun;38(2):223-6

[Hypersecretory syndrome in transpyloric prolapse of the gastric mucosa] Uspenskiĭ VM, et al. **Sov Med** 1984; (9):17-21 (Eng. Abstr.) **(Rus)**

ABNORMALITIES

[Neonatal gastric obstruction] Lomiento D, et al. **Radiol Med (Torino)** 1984 Sep;70(9):607-10 (Eng. Abstr.) **(Ita)**

ANALYSIS

Measurement of immunoreactive gastrin in tissue. Vezzadini P, et al. **Boll Ist Sieroter Milan** 1984 Jul 31;63(3):201-6

Elevated serum and antral gastrin in obese (ob/ob) mice. Morton AP, et al. **Gastroenterology** 1985 Apr;88(4):945-50

Immunohistochemical localization to pyloric antral G cells of peptides derived from porcine preprogastrin. Jonsson AC, et al. **Regul Pept** 1984 Jul;8(4):283-90

[Amino-terminal fragment of human big gastrin-like immunoreactivity in antral mucosal extracts from patients with upper gastrointestinal diseases] Nagai K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Jul;81(7):1539-46 (Eng. Abstr.) **(Jpn)**

BLOOD SUPPLY

Gastric antral vascular ectasia: the watermelon stomach [letter] Tovey FI. **Gastroenterology** 1985 May;88(5 Pt 1):1293

Gastric antral angiodysplasia: an unusual cause of occult gastrointestinal bleeding. Gaddy M, et al. **South Med J** 1985 Mar;78(3):343-5

CYTOLOGY

Dynamic histology of the antral epithelium in the mouse stomach: I. Architecture of antral units. Lee ER. **Am J Anat** 1985 Mar;172(3):187-204

Analysis of gland cell behavior: appendix to the dynamic histology of the antral epithelium in the mouse stomach. Nadler NJ. **Am J Anat** 1985 Mar;172(3):261-4

Increased antral G-cell number and gastrin content in dogs after massive small bowel resection. Buchan AM, et al. **Dig Dis Sci** 1985 Mar;30(3):236-9

Total counts of antral gastrin cells: a simple direct method. Moore C, et al. **Stain Technol** 1985 May;60(3):137-44

[Correlation of the histological demarcation between the gastric antrum and the body with the antral nerve] Zhu TL. **Chung Hua Wai Ko Tsa Chih** 1984 Jun;22(6):347-9, 382 (Eng. Abstr.) **(Chi)**

[Mast cells and cells producing alpha-endorphin in the mucosa of the antral section of the stomach] Zverkov IV, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):621-4 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Long-term effect of somatostatin 14 on mouse stomach, antrum, intestine and exocrine pancreas. Senegas-Balas F, et al. **Acta Anat (Basel)** 1985;121(2):124-32

Thyrotropin-releasing hormone effects on guinea pig antrum. Oouchi M, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1126-31

Bombesin evoked acetylcholine release from the guinea pig antrum. Kantoh M, et al. **Life Sci** 1985 Jun 24; 36(25):2445-52

Effect of somatostatin on bethanechol-stimulated gastric acid secretion and gastric antral motility in dogs with gastric fistula. Bech K, et al. **Scand J Gastroenterol** 1985 May; 20(4):470-7

[Effect of somatostatin on the neurosecretory cells of the hypothalamic paraventricular nucleus and argentaffin cells of the antral part of the rat stomach] Kotel'nikova VI, et al. **Fiziol Zh SSSR** 1985 Feb;71(2):206-12 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Calcium pump, high-affinity Ca2+-ATPase, and other ATPases in dog antrum smooth muscle plasma membrane. Grover AK, et al. **Am J Physiol** 1985 May;248(5 Pt 1):C449-56

Subcellular fractionation of pig stomach smooth muscle. A study of the distribution of the (Ca2+ + Mg2+)-ATPase activity in plasmalemma and endoplasmic reticulum. Raeymaekers L, et al. **Biochim Biophys Acta** 1985 May 28;815(3):441-54

INNERVATION

An easier method for identification of the antral nerves for a simplified proximal gastric vagotomy. Samson PS, et al. **Surg Gynecol Obstet** 1984 Nov;159(5):494-7

[Determination of the preservation of antral branches of the vagus nerve when performing selective proximal vagotomy] Pantsyrev IuM, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):14-7 (Eng. Abstr.) **(Rus)**

METABOLISM

Behavior of somatostatin-immunoreactive cells in the gastric mucosa before and after selective proximal vagotomy and pyloroplasty in treatment of gastric and duodenal ulcers. Holle GE, et al. **Gastroenterology** 1985 Oct;89(4):736-45

Functional and anatomical relationships between antral gastrin cells and gastrin-releasing peptide neurons. Jain DK, et al. **Histochemistry** 1985;82(5):463-7

Biosynthesis of tyrosine O-sulfated gastrins in rat antral mucosa. Brand SJ, et al. **J Biol Chem** 1984 Nov 10; 259(21):13246-52

PATHOLOGY

Primary gastrin cell hyperplasia. Report of five cases and a review of the literature. Lewin KJ, et al. **Am J Surg Pathol** 1984 Nov;8(11):821-32

Gastric antral vascular ectasia: the watermelon stomach. Jabbari M, et al. **Gastroenterology** 1984 Nov;87(5):1165-70

Histological appearances of oesophagus, antrum and duodenum and their correlation with symptoms in patients with a duodenal ulcer. Earlam RJ, et al. **Gut** 1985 Jan; 26(1):95-100

Antral hypertrophic gastritis: a rare cause of iron deficiency. Stamp GW, et al. **J Clin Pathol** 1985 Apr;38(4):390-2

Focal foveolar hyperplasia presenting as an antral-pyloric mass in a young infant. Katz ME, et al. **Pediatr Radiol** 1985;15(2):136-7

Changes of cell population in the antrum after selective proximal vagotomy and pyloroplasty in gastroduodenal ulcer. Holle GE, et al. **Surg Gynecol Obstet** 1985 Mar; 160(3):211-9

The antral gastrin-producing cells in duodenal ulcer patients. An ultrastructural study before and during treatment with cimetidine. Nielsen HO, et al. **Virchows Arch [A]** 1985; 406(3):271-7

[Antral G cell distribution and its relationship with pathogenesis of peptic ulcer] Jin QX. **Chung Hua Nei Ko Tsa Chih** 1984 Apr;23(4):204-6 (Eng. Abstr.) **(Chi)**

[Studies on the distribution of D cells and G cells in gastric antrum of patients with gastric and duodenal ulcer] Zhang XY. **Chung Hua Nei Ko Tsa Chih** 1984 Apr;23(4):207-10 (Eng. Abstr.) **(Chi)**

[Hyperplasia of the G cells of the gastric antrum. Report of a patient] Juárez F, et al. **Rev Gastroenterol Mex** 1984 Oct-Dec;49(4):251-4 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Microelectrode studies of Necturus antral mucosa. II. Equivalent circuit analysis. Ashley SW, et al. **Am J Physiol** 1985 May;248(5 Pt 1):G574-9

Effect of somatovisceral reflexes and selective dermatomal stimulation on postcibal antral pressure activity. Camilleri M, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G703-8

Evidence for HCO3- conductance pathways in nutrient membrane of bullfrog antrum. Schwartz M, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):251-7

Relationships of human antroduodenal motility and transpyloric fluid movement: non-invasive observations with real-time ultrasound. King PM, et al. **Gut** 1984 Dec; 25(12):1384-91

Effect of alcohol on cyclical myoelectric activity of the opossum sphincter of Oddi. Becker JM, et al. **J Surg Res** 1985 Apr;38(4):343-9

Effect of somatostatin on bethanechol-stimulated gastric pepsin secretion in gastric fistula dogs. Ladegaard L, et al. **Scand J Gastroenterol** 1985 Jan;20(1):87-91

PHYSIOPATHOLOGY

Studies on mechanism of retching and vomiting in dogs. Effect of peripheral dopamine blocker on myoelectric changes in antrum and upper small intestine. Lee KY, et al. **Dig Dis Sci** 1985 Jan;30(1):22-8

[Bioelectric activity of the stomach in duodenogastric reflux] Knapik Z, et al. **Wiad Lek** 1984 May 15;37(10):761-4 (Eng. Abstr.) **(Pol)**

RADIOGRAPHY

The hypertrophied antral-pyloric fold. Glick SN, et al. **AJR** 1985 Sep;145(3):547-9

Pyloro-duodenal gland tuberculosis in an aboriginal child. Bateson EM. **Australas Radiol** 1985 Feb;29(1):26-8

SECRETION

Gastrin release after endoluminal perfusion with cisapride of the isolated antrum in the pig. Caruso U, et al. **Boll Chim Farm** 1985 Mar;124(3):146-9

An unusual acid antrum. Simms JM, et al. **Br J Surg** 1985 Jan;72(1):12

Postreceptor inhibition of antral gastrin release by somatostatin. Harty RF, et al. **Gastroenterology** 1985 Mar; 88(3):675-80

Evidence that bombesin releases extragastric gastrin in man. Annibale B, et al. **Regul Pept** 1985 May;11(1):43-9

SURGERY

Antrectomy. Roux-en-Y reconstruction and vagotomy for recurrent reflux oesophagitis. Matikainen M. **Acta Chir Scand** 1984;150(8):643-5

Prospective, randomized trial of selective vagotomy with pyloroplasty and selective proximal vagotomy with and without pyloroplasty in the treatment of duodenal, pyloric, and prepyloric ulcers. Emås S, et al. **Am J Surg** 1985 Feb; 149(2):236-43

Alkaline gastritis following antrectomy--an elusive syndrome [editorial] Brooks FP. **Dig Dis Sci** 1984 Nov; 29(11):1062

Proximal gastric vagotomy and mucosal antrectomy: a comparative physiologic examination. Olinde AJ, et al. **J Surg Res** 1985 Apr;38(4):350-5

[Cancer of the gastric antrum. What can be expected from the systematic enlargement of the excision? Retrospective study of 73 cases] Le Treut YP, et al. **Presse Med** 1985 Jun 15;14(24):1319-22, 1327 (Eng. Abstr.) **(Fre)**

[Motor-emptying function of the stomach at different periods after truncal vagotomy with antrumectomy in complicated duodenal ulcer] Khachiev LG, et al. **Vestn Khir** 1985 May; 134(5):44-8 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Dynamic histology of the antral epithelium in the mouse stomach: II. Ultrastructure and renewal of isthmal cells. Lee ER, et al. **Am J Anat** 1985 Mar;172(3):205-24

Dynamic histology of the antral epithelium in the mouse stomach: IV. Ultrastructure and renewal of gland cells. Lee ER, et al. **Am J Anat** 1985 Mar;172(3):241-59

Dynamic histology of the antral epithelium in the mouse stomach: III. Ultrastructure and renewal of pit cells. Lee ER. **Am J Anat** 1985 Mar;172(3):225-40

The ultrastructure of the human antral mucosa as demonstrated by freeze-fracturing. Köling A, et al. **Rhinology** 1985 Mar;23(1):11-7

PYLORIC STENOSIS

Endoscopic tape dilator—a simple and inexpensive method to dilate upper gastrointestinal strictures. Lehman GA, et al. **J Clin Gastroenterol** 1985 Jun;7(3):208-10

Problems in diagnosis and treatment of infantile hypertrophic pyloric stenosis. Davis SJ, et al. **Nebr Med J** 1985 Feb; 70(2):49-52

BLOOD

[Free amino acids in the blood serum of patients with complicated forms of peptic ulcer before and after surgery] Zadorozhnyĭ AA, et al. **Vestn Khir** 1984 Nov;133(11):26-30 (Eng. Abstr.) **(Rus)**

CHEMICALLY INDUCED

Re: Pyloric stenosis and maternal antihistamine exposure at group health cooperative [letter] Aselton P, et al. **Am J Epidemiol** 1985 Jul;122(1):197

Pyloric stenosis and antihistamines [letter] Eskenazi B, et al. **Am J Epidemiol** 1985 Jul;122(1):196-7

COMPLICATIONS

Report of two patients with hypertrophic pyloric stenosis and Hirschsprung's disease. Coincident or common etiology? Whalen TV Jr, et al. **Am Surg** 1985 Aug; 51(8):480-1

[Severe water-electrolyte disorders in pyloric stenosis in infants] Desparmet J, et al. **Cah Anesthesiol** 1984 Sep; 32(5):391 **(Fre)**

[Classification, diagnosis and treatment of gastrogenic tetany] Ibadov IIu, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):107-11 **(Rus)**

[Gastrogenic tetany in patients with ulcerative pyloroduodenal stenosis] Ibadov IIu, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):99-104 **(Rus)**

[Results of surgical treatment of patients in the late stages of ulcerative pyloroduodenal stenosis] Kliminskiĭ IV, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):35-9 (Eng. Abstr.) **(Rus)**

CONGENITAL

Serum gastrin levels and lower oesophageal sphincter pressures in infants with congenital hypertrophic pyloric stenosis. Iwai N, et al. **Z Kinderchir** 1984 Aug;39(4):234-6

DIAGNOSIS

Reliability of ultrasound for the diagnosis of hypertrophic pyloric stenosis. dell'Agnola CA, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):539-44

Pyloric stenosis: diagnosis by real time sonography, the pyloric muscle length method. Tunell WP, et al. **J Pediatr Surg** 1984 Dec;19(6):795-9

Sonographic diagnosis of infantile hypertrophic pyloric stenosis: critical appraisal of reliability and diagnostic criteria. Yip WC, et al. **JCU** 1985 Jun;13(5):329-32

Surgical management of duodenal duplication cyst simulating pyloric stenosis. Pober JM, et al. **Mt Sinai J Med (NY)** 1984 Dec;51(6):702-4

Gastric outlet obstruction secondary to a distal duodenal stenosis. Mackay A, et al. **Scott Med J** 1985 Apr; 30(2):112-3

[Echography of pyloric stenosis] Grignon A, et al. **J Can Assoc Radiol** 1984 Sep;35(3):271-5 (Eng. Abstr.) **(Fre)**

[Sonographic diagnosis of hypertrophic pyloric stenosis] Weiss H, et al. **ROFO** 1984 Sep;141(3):303-5 (Eng. Abstr.) **(Ger)**

[Ultrasonic diagnosis of hypertrophic pyloric stenosis in infants] Koczyński A, et al. **Pol Przegl Radiol (Warszawa)** 1984 Mar-Apr;48(2):109-12 (Eng. Abstr.) **(Pol)**

[Ultrasonographic picture of the pylorus in infants] Koczyński A, et al. **Probl Med Wieku Rozwoj** 1984; 13:78-83 (Eng. Abstr.) **(Pol)**

[Upper endoscopy in the etiological diagnosis of pyloric syndrome] Maggiolo P, et al. **Rev Med Chil** 1984 May; 112(5):474-8 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Gastric outlet obstruction secondary to a gallstone (Bouveret's syndrome) [letter] Patel NM, et al. **J Clin Gastroenterol** 1985 Jun;7(3):277-8

[Gastroduodenal obstruction by gallstones (Bouveret's syndrome] Hledík E. **Cesk Radiol** 1985 May;39(3):150-5 (Eng. Abstr.) **(Cze)**

OCCURRENCE

Incidence of pyloric stenosis in northern Israel. Borochowitz Z, et al. **Isr J Med Sci** 1985 Jun;21(6):551

Incidence of infantile hypertrophic pyloric stenosis in Funen County, Denmark [letter] Rasmussen L, et al. **Lancet** 1984 Oct 13;2(8407):869-70

RADIOGRAPHY

Gastric involvement in chronic granulomatous disease of childhood: demonstration by computed tomography and upper gastrointestinal studies. Kenney PJ, et al. **J Comput Assist Tomogr** 1985 May-Jun;9(3):563-5

Evolution of pyloric stenosis in the first week of life. Geer LL, et al. **Pediatr Radiol** 1985;15(3):205-6

[Usefulness of metoclopramidum-Polfa in the roentgenological diagnosis of defects of the gastrointestinal system in children] Winnicki S, et al. **Probl Med Wieku Rozwoj** 1984;13:73-7 (Eng. Abstr.) **(Pol)**

SURGERY

The results of Ramstedt's operation: room for complacency? [letter] **Ann R Coll Surg Engl** 1984 Nov;66(6):449

The results of Ramstedt's operation: room for complacency? [letter] Gillen PH. **Ann R Coll Surg Engl** 1985 Mar; 67(2):132

Localized rigidity and narrowing of the antrum: a cause of gastric outlet obstruction in infancy. Rubin SZ, et al. **Can J Surg** 1984 Nov;27(6):541-2

Pyloric function five to eleven years after Ramstedt's pyloromyotomy. Tam PK, et al. **J Pediatr Surg** 1985 Jun; 20(3):236-9

Infantile pyloric stenosis in the north east of Scotland. Results of Ramstedt's operation in 264 cases. Carle G, et al. **J R Coll Surg Edinb** 1985 Feb;30(1):30-3

Proximal gastric vagotomy and pyloroplasty for duodenal ulcer with pyloric stenosis: a thirteen-year experience. Lunde OC, et al. **World J Surg** 1985 Feb;9(1):165-70

[Postoperative follow-up of congenital hypertrophic pyloric stenosis] Wang LY. **Chung Hua Wai Ko Tsa Chih** 1984 Sep;22(9):535-6, 573 (Eng. Abstr.) **(Chi)**

[Selective proximal vagotomy in stenosing and penetrating duodenal ulcer] Vinz H, et al. **Zentralbl Chir** 1985; 110(5):271-83 (Eng. Abstr.) **(Ger)**

[Selective proximal vagotomy in the surgical treatment of ulcerative stenosis] Kuzin MI, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):3-10 (Eng. Abstr.) **(Rus)**

[Preoperative preparation and postoperative management in decompensated ulcerative pyloroduodenal stenosis in late middle-aged and elderly patients] Siddikov OS, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):22-7 (Eng. Abstr.) **(Rus)**

[Fat excretion after truncal and selective proximal vagotomy with pyloroplasty in ulcerative pyloroduodenal stenosis] Taru RR. **Khirurgiia (Mosk)** 1985 Feb;(2):19-22 (Eng. Abstr.) **(Rus)**

[Surgical treatment of peptic pyloroduodenal stenosis in the middle-aged and elderly] Ibadov IIu, et al. **Klin Khir** 1984 Aug;(8):52-5 (Eng. Abstr.) **(Rus)**

[Treatment of complicated stomach and duodenal ulcers in children] Pulatov AT, et al. **Klin Khir** 1985;(6):40-2 (Eng. Abstr.) **(Rus)**

[Surgical treatment of gastric stenosis in children following chemical burns] Suetin GN, et al. **Vestn Khir** 1985 Apr; 134(4):87-9 **(Rus)**

[Hypertrophic stenosis of the pylorus—a 10-year review of 107 surgically treated infants] Marinković S, et al. **Med Pregl** 1984;37(3-4):117-9 (Eng. Abstr.) **(Scr)**

THERAPY

Balloon catheter dilation of postoperative gastric outlet stenosis. Solt J, et al. **Gastrointest Endosc** 1984 Dec; 30(6):359-61

[Instrumental dilatation of esophageal and gastric stenoses using Gruntzig's catheter and Celestin's dilator. Preliminary results] Leichtmann GA, et al. **Gastroenterol Clin Biol** 1984 Aug-Sep;8(8-9):616-20 (Eng. Abstr.) **(Fre)**

[Hydrochloric acid solution in the combined preoperative therapy of decompensated pyloric stenosis] Sukhorukov VP, et al. **Klin Khir** 1984 Aug;(8):72-5 (Eng. Abstr.) **(Rus)**

[Fibrogastroduodenoscopy in the evaluation of instrumental pyloric dilatation in proximal selective vagotomy] Maistrenko NA. **Vestn Khir** 1985 Mar;134(3):29-31 (Eng. Abstr.) **(Rus)**

VETERINARY

Gastric retention associated with a pyloric mass in two horses. McGill CA, et al. **Aust Vet J** 1984 Jun;61(6):190-1

Chronic hypertrophic pyloric gastropathy as a cause of pyloric obstruction in the dog. Walter MC, et al. **J Am Vet Med Assoc** 1985 Jan 15;186(2):157-61

PYLORUS

see related
GASTRIC EMPTYING

Pyloric preservation with the Whipple procedure. Braasch JW, et al. **Surg Clin North Am** 1985 Apr;65(2):263-71

[Double pylorus and pyloroduodenal fistulas: two case reports and discussion] Keet AD, et al. **S Afr Med J** 1984 Nov 10;66(19):740-2 (Eng. Abstr.) **(Afr)**

[Anatomo-functional changes in the x-ray picture of the gastric and duodenal stumps following pyloro-conserving resection] Vasil'kov IuV. **Vestn Rentgenol Radiol** 1985 Mar-Apr;(2):28-32 (Eng. Abstr.) **(Rus)**

ABNORMALITIES

Junctional epidermolysis bullosa and pyloric atresia in two siblings. Egan N, et al. **Arch Dermatol** 1985 Sep; 121(9):1186-8

Gastric carcinoma presenting as double-channel pylorus on upper gastrointestinal series. Friehling JS, et al. **Dig Dis Sci** 1985 Mar;30(3):269-73

Pyloric atresia. Cağlar MK, et al. **Turk J Pediatr** 1985 Jan-Mar;27(1):49-51

[2 cases of pyloric atresia] Weitzel A, et al. **Z Kinderchir** 1984 Dec;39(6):396-7 (Eng. Abstr.) **(Ger)**

[Duplication of the pylorus diagnosed by fiber-optic endoscopy] Iushkin AV, et al. **Klin Khir** 1984 Nov;(11):65 **(Rus)**

DRUG EFFECTS

Selectivity of histamine for the proximal muscle loop of the cat pylorus. Shirazi SS, et al. **Arch Int Pharmacodyn Ther** 1984 Oct;271(2):282-92

ENZYMOLOGY

Trypsin from Greenland cod, Gadus ogac. Isolation and comparative properties. Simpson BK, et al. **Comp Biochem Physiol [B]** 1984;79(4):613-22

IMMUNOLOGY

Immunohistologic pattern of type 1 (Lea, Leb) and type 2 (X, Y, H) blood group-related antigens in the human pyloric and duodenal mucosae. Mollicone R, et al. **Lab Invest** 1985 Aug;53(2):219-27

INNERVATION

Opiate nerves mediate feline pyloric response to intraduodenal amino acids. Reynolds JC, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G307-12

Tension receptors with vagal afferent fibres in the proximal duodenum and pyloric sphincter of sheep. Cottrell DF, et al. **J Physiol (Lond)** 1984 Sep;354:457-75

PATHOLOGY

Chronic hypertrophic pyloric gastropathy as a cause of pyloric obstruction in the dog. Walter MC, et al. **J Am Vet Med Assoc** 1985 Jan 15;186(2):157-61

Acquired double pylorus. McGrew W, et al. **South Med J** 1984 Sep;77(9):1167-70

[Effect of vagotomy on the epitheliocytes of the pyloric and duodenal glands] Baĭbekov IM, et al. **Patol Fiziol Eksp Ter** 1985 May-Jun;(3):55-9 (Eng. Abstr.) **(Rus)**

[Echographic diagnosis of hypertrophic stenosis of the pylorus] Bonino Timermann G, et al. **An Esp Pediatr** 1984 Jun;20(9):885-90 (Eng. Abstr.) **(Spa)**

[Diagnosis of hypertrophic stenosis of the pylorus by ultrasonography] Carnicer J, et al. **An Esp Pediatr** 1984 Jun;20(9):891-3 (Eng. Abstr.) **(Spa)**

[Double pylorus] Castellano G, et al. **Rev Esp Enferm Apar Dig** 1985 Jan;67(1):73-6 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Measurement of pyloric sphincter pressure with miniature transducer under fiber-gastroscope. Zhang JK. **Acta Acad Med Wuhan** 1984;4(3):180-1

Continuous recording of pyloric sphincter pressure in dogs. Relationship to migratory motor complex. Defilippi CC, et al. **Dig Dis Sci** 1985 Jul;30(7):669-74

A continuous manometric study of the human pylorus. Dooley CP, et al. **Gastroenterology** 1985 Oct;89(4):821-6

Relationships of human antroduodenal motility and transpyloric fluid movement: non-invasive observations with real-time ultrasound. King PM, et al. **Gut** 1984 Dec; 25(12):1384-91

Pyloric function five to eleven years after Ramstedt's pyloromyotomy. Tam PK, et al. **J Pediatr Surg** 1985 Jun; 20(3):236-9

[Clinical assessment of pyloric sphincter function in different variants of denervation] Naumov VF. **Vestn Khir** 1985 Apr; 134(4):32-7 (Eng. Abstr.) **(Rus)**

SURGERY

Anterior hemipylorectomy. A method of pyloroplasty. Zakaria MA. **J R Coll Surg Edinb** 1984 Nov;29(6):367-9

Evaluation of the carbon dioxide laser for performance of gastrointestinal myotomies. LoCicero J 3d, et al. **Lasers Surg Med** 1985;5(4):423-7

Proximal gastric vagotomy and pyloroplasty for duodenal ulcer with pyloric stenosis: a thirteen-year experience. Lunde OC, et al. **World J Surg** 1985 Feb;9(1):165-70

[Our experience in treating a perforated pyloroduodenal ulcer by pyloroplasty] Zlatanov Z, et al. **Khirurgiia (Sofiia)** 1984; 37(6):479-81 **(Bul)**

[Distensible pyloroduodenoplasty in the surgical treatment of bleeding and stenosing duodenal ulcers] Zaĭtsev VT, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):34-7 (Eng. Abstr.) **(Rus)**

[Gallbladder function in peptic ulcer patients before and after gastric resection with preservation of the pylorus] Rudenko AS, et al. **Klin Khir** 1984 Aug;(8):62-4 (Eng. Abstr.) **(Rus)**

[Truncal vagotomy with pyloroplasty in perforating ulcers] Sidorenko VI, et al. **Klin Khir** 1984 Aug;(8):18-20 (Eng. Abstr.) **(Rus)**

[Roentgenomorphological changes in gastric and duodenal stumps after pylorus-sparing operations] Vasil'kov IuV. **Vestn Khir** 1984 Aug;133(8):18–22 (Eng. Abstr.) **(Rus)**

[Prevention of suture dehiscence of the duodenal stump in gastric resection for pyloroduodenal ulcers] Zemlianoĭ AG, et al. **Vestn Khir** 1985 Apr;134(4):26–32 (Eng. Abstr.) **(Rus)**

PYOCINS see under **BACTERIOCINS**

PYOCYANINE see under **PHENAZINES**

PYODERMA

BLOOD

Hyperzincemia in a patient with pyoderma gangrenosum. Hambidge KM, et al. **J Pediatr** 1985 Mar;106(3):450–1

DIAGNOSIS

[Erosive pustular dermatosis of the scalp. A new entity or a variant of pyoderma vegetans] Bahmer FA. **Z Hautkr** 1985 Mar 15;60(6):517–8, 523–6 (Eng. Abstr.) **(Ger)**

[Ulcerative dermatitis (pyoderma gangrenosum) with selective IgA deficiency and development of an oral carcinoma] Kuhn A. **Z Hautkr** 1985 Jan;60(1–2):79–82 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

Thymopentin treatment in a patient with pluriorificial pyoderma vegetans. Simon M Jr, et al. **Surv Immunol Res** 1985;4 Suppl 1:125–8

[Advances in the research on pyoderma treated by Chinese herbal drugs or combined traditional Chinese and western medicine in the last 30 years] Zhuang GK. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):634–7 **(Chi)**

[Aromatic retinoid--oral photochemotherapy in chronic vegetating pyoderma] Krebs A, et al. **Hautarzt** 1985 Apr; 36(4):237–9 (Eng. Abstr.) **(Ger)**

[Clinico-experimental substantiation of the complex treatment of patients with pyoderma using dimocifone] Bukharovich AM, et al. **Vestn Dermatol Venerol** 1984 Sep; (9):14–9 (Eng. Abstr.) **(Rus)**

[Use of levamisole in the complex treatment of pyoderma] Gasardzhian RN, et al. **Voen Med Zh** 1984 Aug;(8):56–7 **(Rus)**

[Efficacy of semisynthetic antibiotics in the treatment of pustular diseases of the skin] Shchedrin VI, et al. **Voen Med Zh** 1984 Nov;(11):57–8 **(Rus)**

ETIOLOGY

Sweet's syndrome and pyoderma gangrenosum associated with ulcerative colitis. Benton EC, et al. **Acta Derm Venereol (Stockh)** 1985;65(1):77–80

Clinical course and evolution of erythema nodosum and pyoderma gangrenosum in chronic ulcerative colitis: a study of 42 patients. Mir-Madjlessi SH, et al. **Am J Gastroenterol** 1985 Aug;80(8):615–20

Vesiculopustular eruption in a patient with ulcerative colitis. Pyoderma gangrenosum. Callen JP, et al. **Arch Dermatol** 1985 Mar;121(3):399, 402

Acute palmoplantar pustulosis. Burge SM, et al. **Br J Dermatol** 1985 Jul;113(1):77–83

Pyoderma gangrenosum and leucocytoclastic vasculitis. Wong E, et al. **Clin Exp Dermatol** 1985 Jan;10(1):68–72

Pyoderma gangrenosum in myelodysplasia and acute leukaemia. Jacobs P, et al. **Postgrad Med J** 1985 Aug; 61(718):689–94

Pyoderma gangrenosum: a review of 86 patients. Powell FC, et al. **Q J Med** 1985 May;55(217):173–86

Pyoderma gangrenosum [editorial] Read AE. **Q J Med** 1985 May;55(217):99–101

Do brown recluse spider bites induce pyoderma gangrenosum? Rees RS, et al. **South Med J** 1985 Mar; 78(3):283–7

[Gangrenous pyoderma associated with chronic suppurative focus, extreme emaciation and dysproteinemia] Lańcucki J, et al. **Przegl Dermatol** 1984 Jul–Aug;71(4):353–7 (Eng. Abstr.) **(Pol)**

[Various aspects of the pathogenesis of chronic pyoderma] Bukharovich AM. **Vestn Dermatol Venerol** 1984 Nov; (11):20–4 (Eng. Abstr.) **(Rus)**

[Pathomimesis] Verbenko EV, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):51–4 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

Recurrent pyoderma in a family with a defect in leucocyte locomotion. Zielinski CC, et al. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1561–3

Chronic blepharitis and pyoderma of the scalp: an immune deficiency state in a father and son with hypercupremia and decreased intracellular killing. Wheeland RG, et al. **Pediatr Dermatol** 1983 Oct;1(2):134–42

IMMUNOLOGY

[Humoral and cellular immunity factors in pyodermatitis patients during treatment with hyperimmune antistaphylococcal plasma] Fel'ker AIa, et al. **Vestn Dermatol Venerol** 1985 Jun;(6):48–51 (Eng. Abstr.) **(Rus)**

[Characteristics of disorders of phagocytic reactions of neutrophils in patients with pyoderma. Mechanisms of their development and the structure of causative factors] Lesnitskiĭ AI. **Vestn Dermatol Venerol** 1984 Dec;(12):9–13 (Eng. Abstr.) **(Rus)**

OCCURRENCE

[Epidemiological study among Indian groups of Rondonia. I--Pyoderma and asymptomatic carriers of Staphylococcus sp. in the mouth and nose among Suruí and Karitiana Indians] Coimbra Júnior CE, et al. **Rev Inst Med Trop Sao Paulo** 1985 Jan–Feb;27(1):13–9 (Eng. Abstr.) **(Por)**

PATHOLOGY

Pyoderma gangrenosum involving the eyelid. Browning DJ, et al. **Arch Ophthalmol** 1985 Apr;103(4):551–2

Leukocyte chemotaxis and pyoderma gangrenosum. Nerella P, et al. **Int J Dermatol** 1985 Jan–Feb;24(1):45–7

[Pyoderma gangrenosum of the penis] Harto A, et al. **Actas Urol Esp** 1985 May–Jun;9(3):263–6 (Eng. Abstr.) **(Spa)**

PREVENTION & CONTROL

[Effectiveness of antimicrobial underwear in the prevention of secondary pyoderma] Fedorovskaia RF, et al. **Vestn Dermatol Venerol** 1984 Sep;(9):46–8 (Eng. Abstr.) **(Rus)**

[A system for the prevention and organization of the control of pyoderma, mycoses and occupational dermatoses in miners of the Don basin] Goriaĭnova LK, et al. **Vestn Dermatol Venerol** 1984 Sep;(9):32–6 (Eng. Abstr.) **(Rus)**

RADIOTHERAPY

Superficial X-ray therapy in the treatment of palmoplantar pustulosis [letter] Fairris GM, et al. **Br J Dermatol** 1984 Oct;111(4):499–500

THERAPY

Hyperbaric oxygen therapy for pyoderma gangrenosum. Heng MC. **Aust NZ J Med** 1984 Oct;14(5):618–21

[Treatment of chronic ulcerative-vegetative pyoderma with ericyclin and levamisole] Bukharovich AM, et al. **Vestn Dermatol Venerol** 1985 May;(5):62–4 (Eng. Abstr.) **(Rus)**

VETERINARY

[A new treatment possibility for dogs with chronic or recurrent pyoderma] van den Bogaard AE Jr, et al. **Tijdschr Diergeneeskd** 1984 Dec 1;109(23):978–86 (Eng. Abstr.) **(Dut)**

PYONEPHROSIS see **PYELONEPHRITIS**

PYORRHEA ALVEOLARIS see **PERIODONTAL DISEASES**

PYOTHORAX see **EMPYEMA**

PYRAMIDAL TRACTS

Pyramidal tract deficits and polyneuropathy in hyperthyroidism, Combination clinically mimicking amyotrophic lateral sclerosis. Fisher M, et al. **Am J Med** 1985 Jun;78(6 Pt 1):1041–4

[Case of funicular degeneration with exclusive involvement of the pyramidal tracts] Ostrzołek-Blinda H, et al. **Wiad Lek** 1984 May 15;37(10):812–5 (Eng. Abstr.) **(Pol)**

[Motor-coordination disorders in patients with infantile cerebral palsy] Aslanov AM, et al. **Zh Nevropatol Psikhiatr** 1984;84(10):1475–9 (Eng. Abstr.) **(Rus)**

[Experience in studying flexor pyramidal signs in premature infants] Lesnyĭ I, et al. **Zh Nevropatol Psikhiatr** 1984; 84(10):1474–5 (Eng. Abstr.) **(Rus)**

ABNORMALITIES

Congenital absence of pyramids and its significance in genetic diseases. Chow CW, et al. **Acta Neuropathol (Berl)** 1985; 65(3–4):313–7

Agyria (lissencephaly) with anomalous pyramidal crossing. Case report and review of literature. Roessmann U, et al. **J Neurol Sci** 1985 Jul;69(3):357–64

ANATOMY & HISTOLOGY

Cells of origin and topographic organization of corticospinal neurons in the guinea pig by the retrograde HRP method. Rapisarda C, et al. **Brain Res** 1985 May 13;334(1):85–96

Fiber analysis of the pyramidal tract of the laboratory rat. Harding GW, et al. **Exp Neurol** 1985 Mar;87(3):503–18

The pyramidal neurons in layer III of cat primary auditory cortex (AI). Winer JA. **J Comp Neurol** 1984 Nov 10; 229(4):476–96

CYTOLOGY

Diameter of axons and thickness of myelin sheaths of the pyramidal tract fibres in the adult human medullary pyramid. Graf von Keyserlingk D, et al. **Anat Anz** 1984; 157(2):97–111

Corticomotoneuronal synapses in the monkey: light microscopic localization upon motoneurons of intrinsic muscles of the hand. Lawrence DG, et al. **J Comp Neurol** 1985 Feb 22;232(4):499–510

Fetal occipital cortical neurones transplanted to the rostral cortex can extend and maintain a pyramidal tract axon. Stanfield BB, et al. **Nature** 1985 Jan 10–18;313(5998):135–7

DRUG EFFECTS

Effects of caffeine on hippocampal pyramidal cells in vitro. Greene RW, et al. **Br J Pharmacol** 1985 May;85(1):163–9

Effects of PK 8165, a partial benzodiazepine receptor agonist, on cholecystokinin-induced activation of hippocampal pyramidal neurons: a microiontophoretic study in the rat. Bradwejn J, et al. **Eur J Pharmacol** 1985 Jun 19; 112(3):415–8

The effect of a TRH analog on pyramidal neurons in the guinea-pig hippocampus in vitro. Inokuchi H, et al. **Kurume Med J** 1983;30 Suppl:S11–8

GROWTH & DEVELOPMENT

Occipital cortical neurons with transient pyramidal tract axons extend and maintain collaterals to subcortical but not intracortical targets. O'Leary DD, et al. **Brain Res** 1985 Jun 17;336(2):326–33

Post-natal development of pyramidal tract neurones in kittens. Oka H, et al. **J Physiol (Lond)** 1985 Jun;363:481–99

PATHOLOGY

Experimental amyotrophic lateral sclerosis in the guinea-pig. den Hartog Jager WA. **J Neurol Sci** 1985 Feb;67(2):133–42

Secondary transneuronal degeneration: cortical changes induced by peripheral nerve section in neonatal rats. Chimelli L, et al. **Neurosci Lett** 1985 Jun 4;57(1):57–63

Degeneration of the corticospinal tract following portosystemic shunt associated with spinal cord infarction. Giangaspero F, et al. **Virchows Arch [A]** 1985;406(4):475–81

[A clinico-pathological study on multiple system atrophy, with special reference to its striato-nigral lesions and motor neuron involvements] Riku S, et al. **Rinsho Shinkeigaku** 1984 Jun;24(6):552–61 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Cerebral response to medullary pyramid stimulation in the rabbit. Chen Z, et al. **Brain Behav Evol** 1984;25(4):175–86

Electrophysiological properties of in vitro hippocampal pyramidal cells from normal and staggerer mutant mice. Fournier E, et al. **Brain Res** 1984 Oct 8;311(1):87–96

Focal and diffuse metabolic changes in the spinal cord of the monkey elicited by microstimulation of differing motor cortical foci. Kosar E, et al. **Brain Res** 1984 Sep 17; 310(1):43–54

Contrasting effects of neurohypophysial peptides on pyramidal and non-pyramidal neurones in the rat hippocampus. Mühlethaler M, et al. **Brain Res** 1984 Aug 6;308(1):97–107

Insulin inhibits pyramidal neurons in hippocampal slices. Palovcik RA, et al. **Brain Res** 1984 Aug 20;309(1):187–91

Two different mechanisms control inhibition of spike discharge in neurons of cat motor cortex after stimulation of the pyramidal tract. Woody CD, et al. **Brain Res** 1985 Apr 22;332(2):369–75

Integration in descending motor pathways controlling the forelimb in the cat. 10. Inhibitory pathways to forelimb motoneurones via C3–C4 propriospinal neurones. Alstermark B, et al. **Exp Brain Res** 1984;56(2):279–92

Integration in descending motor pathways controlling the forelimb in the cat. 12. Interneurones which may mediate descending feed-forward inhibition and feed-back inhibition from the forelimb to C3–C4 propriospinal neurones. Alstermark B, et al. **Exp Brain Res** 1984; 56(2):308–22

Integration in descending motor pathways controlling the forelimb in the cat. 11. Inhibitory pathways from higher motor centres and forelimb afferents to C3–C4 propriospinal neurones. Alstermark B, et al. **Exp Brain Res** 1984;56(2):293–307

The dynamic sensitivity of pyramidal tract neurones is influenced by previous activity. Baldissera F, et al. **Exp Brain Res** 1985;58(1):41–4

Morphological and electrophysiological characteristics of pyramidal tract neurons in the rat. Landry P, et al. **Exp Brain Res** 1984;57(1):177–90

Superposition of antidromic responses in pyramidal tract cell clusters. Canedo A, et al. **Exp Neurol** 1985 Sep;89(3):645–58

Influence of molecular layer on pyramidal tract neurons. Chen ZQ, et al. **Exp Neurol** 1985 Apr;88(1):215–28

Neuronal chromatin changes in layer V pyramidal cells of somatomotor cortex after pyramidal tract lesions as demonstrated by [3H]actinomycin D binding. Wells MR, et al. **Exp Neurol** 1985 Mar;87(3):393–402

Pyramidal effects in dorsal neck motoneurones of the cat. Alstermark B, et al. **J Physiol (Lond)** 1985 Jun;363:287–302

Influences of pyramidal tract on the subthalamic nucleus in the cat. Giuffrida R, et al. **Neurosci Lett** 1985 Mar 15; 54(2–3):231–5

Frequency-to-voltage conversion in the pyramidal tract neuron: an important role of the inhibitory postsynaptic potential. Kang Y, et al. **Neurosci Lett** 1985 Jun 12; 57(2):175–80

[Effects of stimulation of the claustrum on the spontaneous activity of pyramidal neurons of the contralateral motor areas 4 and 6 in the cat] Salerno MT, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1975–81 (Eng. Abstr.) **(Ita)**

[Callosal neurons: monosynaptic connection between them and their descending projections] Ezrokhi VL, et al. **Zh Vyssh Nerv Deiat** 1985 May–Jun;35(3):528–36 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Primary lateral sclerosis; a debated entity. Sotaniemi KA, et al. **Acta Neurol Scand** 1985 Apr;71(4):334–6

[Combination big-toe stretch reflex for the detection of latent pyramidal signs] Richwien R. **Fortschr Neurol Psychiatr** 1985 Jul;53(7):271–2 (Eng. Abstr.) **(Ger)**

[Action of trazodone on pyramidal hypertension. Clinical study] Montanini R, et al. **Riv Neurol** 1984 Nov–Dec; 54(6):367–73 (Eng. Abstr.) **(Ita)**

ULTRASTRUCTURE

Pattern of myelination in the pyramidal tract of the rat. Towe AL, et al. **Exp Neurol** 1985 Jul;89(1):284–8

PYRAN COPOLYMER see under **POLYMERS**

PYRANS

(1R,5R,8S,9S)–Deoxyloganic acid from Nepeta cataria. Murai F, et al. **Chem Pharm Bull (Tokyo)** 1984 Jul; 32(7):2809–14

[The synthesis of valperinol and various 3–aminomethyl derivatives of 2,9–dioxatricyclo[4,3,1,0(3,7)]decane from didrovaltrate] Thies PW, et al. **Arzneimittelforsch** 1984; 34(11):1460–3 (Eng. Abstr.) **(Ger)**

ADMINISTRATION & DOSAGE

[A combined regimen of pyronaridin–artemether–chloroquine (PAC) for the treatment of Plasmodium cynomolgi infection in the rhesus monkey] Zhang JX, et al. **Yao Hsueh Hsueh Pao** 1984 Aug; 19(8):571–5 (Eng. Abstr.) **(Chi)**

ANALYSIS

Identification of monensin, narasin, salinomycin and lasalocid in pre–mixes and feeds by thin–layer chromatography. Owles PJ. **Analyst** 1984 Oct;109(10):1331–3

Studies on the constituents of medicinal and related plants in Sri Lanka. II. Isolation and structures of new gamma–pyrone and related compounds from Hypericum mysorense Heyne. Kikuchi T, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):557–64

Liquid chromatographic determination of narasin in feed premixes. Hussey RL, et al. **J Assoc Off Anal Chem** 1985 May–Jun;68(3):417–8

Liquid chromatographic analysis of dehydroacetic acid and its application to wines. Welling PL, et al. **J Assoc Off Anal Chem** 1985 Jul–Aug;68(4):650–2

Unusual occurrence of fulvoplumierin, an antibacterial pigment, in the marine mollusk Nerita albicilla. Sanduja R, et al. **J Nat Prod** 1985 Mar–Apr;48(2):335–6

[Detection and analysis of patulin in domestic fruit wines] Czerwiecki L. **Rocz Panstw Zakl Hig** 1984;35(4):347–9 (Eng. Abstr.) **(Pol)**

[Contamination of food products with patulin] Dvali GN, et al. **Vopr Pitan** 1985 Jan–Feb;(1):45–7 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Inhibition of growth and patulin synthesis in Penicillium expansum by potassium sorbate and sodium propionate in culture. Lennox JE, et al. **Appl Environ Microbiol** 1984 Nov;48(5):1031–3

The interaction between additives, yeast and patulin production in grass silage. Dutton MF, et al. **Mycopathologia** 1984 Aug 30;87(1–2):29–33

ISOLATION & PURIFICATION

Isolation, chemical structure, acute toxicity, and some physicochemical properties of territrem B' from Aspergillus terreus. Peng FC, et al. **Appl Environ Microbiol** 1985 Mar; 49(3):721–3

[Studies on the chemical constituents of Rubia schumanniana Pritz] Liu YL, et al. **Yao Hsueh Hsueh Pao** 1985 Jan; 20(1):53–8 (Eng. Abstr.) **(Chi)**

METABOLISM

Valepotriate production of normal and colchicine–treated cell suspension cultures of Valeriana wallichii. Becker H, et al. **J Nat Prod** 1985 Jan–Feb;48(1):17–21

[The pharmacokinetics and bioavailability of O–methyldihydroartemisinine in the rabbits] Zeng YL, et al. **Yao Hsueh Hsueh Pao** 1984 Feb;19(2):81–4 (Eng. Abstr.) **(Chi)**

PHARMACODYNAMICS

Inhibition of human platelet aggregation by dihydropyrano– and dihydrofuranocoumarins, a new class of cAMP–phosphodiesterase inhibitors. Thastrup O, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2137–40

Mechanism of inactivation of chymotrypsin by 3–benzyl–6–chloro–2–pyrone. Gelb MH, et al. **Biochemistry** 1984 Dec 18;23(26):6596–604

Mode of interaction of beta–hydroxy–beta–methylglutaryl coenzyme A reductase with strong binding inhibitors: compactin and related compounds. Nakamura CE, et al. **Biochemistry** 1985 Mar 12;24(6):1364–76

Inactivation of chymotrypsin by 5–benzyl–6–chloro–2–pyrone: 13C NMR and X–ray diffraction analyses of the inactivator–enzyme complex. Ringe D, et al. **Biochemistry** 1985 Jan 1;24(1):64–8

New orally active iron chelators [letter] Kontoghiorghes GJ. **Lancet** 1985 Apr 6;1(8432):817

[Effect of artemether on the tegumental surface antigen of Schistosoma japonicum] Yue WJ, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):167–9 (Eng. Abstr.) **(Chi)**

THERAPEUTIC USE

[Active principle in a capillaris compound in the treatment of experimental acute jaundice in rats] Cheng YY, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):356–60, 325 (Eng. Abstr.) **(Chi)**

TOXICITY

In vitro mutagenicity of valepotriates. von der Hude W, et al. **Arch Toxicol** 1985 Feb;56(4):267–71

Behavioural and electrocortical spectrum power changes after intraventricular injection of patulin in rats. De Sarro GB, et al. **Arch Toxicol [Suppl]** 1984;7:420–4

Studies on the mutagenicity of Swertiae Herba. I. Identification of the mutagenic components. Kanamori H, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2290–5

PYRANTEL

ADMINISTRATION & DOSAGE

Palm oil and pyrantel as child nutrition mass interventions in Papua New Guinea. Pust RE, et al. **Trop Geogr Med** 1985 Mar;37(1):1–10

ANALOGS & DERIVATIVES

A comparative evaluation of mebendazole, piperazine and pyrantel in threadworm infection. Anthelmintic Study Group on Enterobiasis. **Indian Pediatr** 1984 Aug; 21(8):623–8

A study of the effectiveness of mebendazole and pyrantel pamoate as a combination anthelmintic in Papua New Guinean children. Shield J. **Papua New Guinea Med J** 1985 Mar;28(1):41–4

PYRANTEL PAMOATE see under **PYRANTEL**

PYRANTEL TARTRATE see under **PYRANTEL**

PYRAZINAMIDE

ADMINISTRATION & DOSAGE

[A comparison of PZA and EB in short course chemotherapy. Report of the 22nd series of controlled trial of chemotherapy] Nagasawa S. **Kekkaku** 1984 Nov; 59(11):575–80 (Eng. Abstr.) **(Jpn)**

[Effectiveness of pyrazinamide combined with rifampicin and ethambutol in animal experiments] Tynystanova RI, et al. **Probl Tuberk** 1984 Jul;(7):59–63 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

[Effect of pyrazinamide on the liver of tuberculosis patients. Electron microscopic study] Pilheu JA, et al. **Bull Int Union Tuberc** 1984 Sep;59(3):145–7 **(Fre)**

[The hepatotoxicity of pyrazinamide] Cataldi Amatriain RM, et al. **Rev Esp Enferm Apar Dig** 1984 Aug;66(2):174–7 (Eng. Abstr.) **(Spa)**

ANALOGS & DERIVATIVES

Sodium–pyrazinoate cotransport in rabbit renal brush border membrane vesicles. Manganel M, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):F400–8

Paradoxical effects of pyrazinoate and nicotinate on urate transport in dog renal microvillus membranes. Guggino SE, et al. **J Clin Invest** 1985 Aug;76(2):543–7

DIAGNOSTIC USE

Hypouricemia due to renal tubular defect. A study with the probenecid–pyrazinamide test. Smetana SS, et al. **Arch Intern Med** 1985 Jul;145(7):1200–3

PHARMACODYNAMICS

Radiometric method for testing susceptibility of mycobacteria to pyrazinamide in 7H12 broth. Heifets LB, et al. **J Clin Microbiol** 1985 Feb;21(2):200–4

[Pyrazinamidase activity and sensitivity to pyrazinamide in tuberculosis bacteria] Jakschik M. **Prax Klin Pneumol** 1985 Apr;39(4):136–8 (Eng. Abstr.) **(Ger)**

[Pyrazinamidase of M. tuberculosis. Possibility of testing sensitivity to pyrazinamide] Schröder KH. **Prax Klin Pneumol** 1985 May;39(5):170–2 (Eng. Abstr.) **(Ger)**

THERAPEUTIC USE

Supervised six–months treatment of newly diagnosed pulmonary tuberculosis using isoniazid, rifampin, and pyrazinamide with and without streptomycin. Snider DE, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1091–4

Six–month chemotherapy for urogenital tuberculosis. Skutil V, et al. **Eur Urol** 1985;11(3):170–6

[Studies on short–course chemotherapy of tuberculosis. II. Liver function during 6–month chemotherapy of tuberculosis with hydrazide, rifampicin and pyrazinamide] Nikodemowicz E, et al. **Pneumonol Pol** 1984 Oct; 52(10):503–12 (Eng. Abstr.) **(Pol)**

[Short–term treatment of tuberculosis with and without pyrazinamide in the second phase (TA–80)] Farga V, et al. **Rev Med Chil** 1983 Jul;111(7):750–4 (Eng. Abstr.) **(Spa)**

PYRAZINES

Inhibition of Na+/Ca2+ exchange in pituitary plasma membrane vesicles by analogues of amiloride. Kaczorowski GJ, et al. **Biochemistry** 1985 Mar 12;24(6):1394–403

Structure–activity relationship of amiloride analogs as blockers of epithelial Na channels: I. Pyrazine–ring modifications. Li JH, et al. **J Membr Biol** 1985; 83(1–2):45–56

ADMINISTRATION & DOSAGE

Hydrochlorothiazide in combination with potassium–sparing agents in the treatment of hypertension. Dean S, et al. **Curr Med Res Opin** 1984;9(5):287–9

Efficacy and tolerance of a fixed ratio combination of hydrochlorothiazide, amiloride and timolol, taken before or after food, in the treatment of hypertension. Woollard ML, et al. **Curr Med Res Opin** 1984;9(4):229–34

Cross–over study of muzolimine and hydrochlorothiazide–amiloride in hypertensive patients. Ferrara LA, et al. **Eur J Clin Pharmacol** 1985;28(3):241–4

Dose–finding trial using Oltipraz to treat schoolchildren infected with Schistosoma mansoni in Gezira, Sudan. el Igail AB, et al. **J Trop Med Hyg** 1985 Apr;88(2):101–4

Effects of triamterene and amiloride on urinary sediment in hypertensive patients taking hydrochlorothiazide. Spence JD, et al. **Lancet** 1985 Jul 13;2(8446):73–5

[Combination of methyldopa and diuretics in the treatment of hypertensive disease] Dzúriková V, et al. **Vnitr Lek** 1985 Jan;31(1):7–14 (Eng. Abstr.) **(Slo)**

ADVERSE EFFECTS

Hyponatraemia associated with trimethoprim and a diuretic. Eastell R, et al. **Br Med J [Clin Res]** 1984 Dec 15; 289(6459):1658–9

Hyponatraemia and Moduretic (amiloride plus hydrochlorothiazide) [letter] Millson D, et al. **Br Med J [Clin Res]** 1984 Nov 10;289(6454):1308–9

Hyponatraemia during treatment with chlorpropamide and Moduretic (amiloride plus hydrochlorothiazide). Zalin AM, et al. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):659

Limitation on the use of amiloride in early renal failure. Knauf H, et al. **Eur J Clin Pharmacol** 1985;28(1):61–6

Extreme hyperkalemia associated with amiloride [letter] Maddox RW, et al. **South Med J** 1985 Mar;78(3):365

[Photosensitivity due to combined hydrochlorothiazide and amiloride] Ophir O, et al. **Harefuah** 1984 Jul;107(1–2):14–5 (Eng. Abstr.) **(Heb)**

ANALYSIS

Radioimmunoassay of acipimox in human plasma and urine. Maggi E, et al. **Pharmacol Res Commun** 1984 Nov; 16(11):1081–90

[Studies on the aromatic constituents of crude drugs. I. On the aromatic constituents of ginseng radix] Iwabuchi H, et al. **Yakugaku Zasshi** 1984 Sep;104(9):951–8 (Eng. Abstr.) **(Jpn)**

ANTAGONISTS & INHIBITORS

Naloxone and naltrexone block the gastrointestinal effects of TRH and MK–212. Horita A, et al. **Proc West Pharmacol Soc** 1984;27:385–6

CHEMICAL SYNTHESIS

Tetrahydropyrrolo[1,2–a]quinoxalines and tetrahydropyrrolo[1,2–a]pyrido[3,2–a]pyrazines: vascular smooth muscle relaxants and antihypertensive agents. Abou–Gharbia M, et al. **J Med Chem** 1984 Dec; 27(12):1743–6

Synthesis and activity of novel nitropyrazines for use as hypoxic cell radiosensitizers. Hartman GD, et al. **J Med Chem** 1984 Dec;27(12):1634–9

[Chemotherapeutic studies on schistosomiasis. XXXVI. Synthesis of derivatives of 4–phenyl–and 4–allyl–5–(pyrazinyl–2)–1, 2, 4–triazole–3–thio–ketone] Xu ML, et al. **Yao Hsueh Hsueh Pao** 1985 Feb;20(2):100–4

(Eng. Abstr.) **(Chi)**

[Compounds with presumable antitumor activity. III. 1-Substituted N,N'-di-2-pyrimidinyl (or pyrazinyl)methylenediamine] Chimirri A, et al. **Farmaco [Sci]** 1984 Sep;39(9):797-805 (Eng. Abstr.) **(Ita)**

[Substances with central nervous system activity. Derivatives of octahydro-1,4-dihydroxypyrrolo(1,2-a)pyrazine-6-carbox acids] Occelli E, et al. **Farmaco [Sci]** 1984 Aug;39(8):718-38 (Eng. Abstr.) **(Ita)**

DIAGNOSTIC USE

Autoregulation of apical membrane Na+ permeability of tight epithelia. Noise analysis with amiloride and CGS 4270. Abramcheck FJ, et al. **J Gen Physiol** 1985 Apr; 85(4):555-82

Identification of apical membranes from tight epithelia using spin-labeled amiloride and electron paramagnetic resonance spectroscopy. Costa CJ, et al. **J Membr Biol** 1984;82(1):49-57

METABOLISM

Apical membrane properties and amiloride binding kinetics of the human descending colon. Wills NK, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G749-57

[3H]ethylpropylamiloride, a radio-labelled diuretic for the analysis of the Na+/H+ exchange system. Its use with kidney cell membranes. Vigne P, et al. **EMBO J** 1984 Nov; 3(11):2647-51

A pilot study of the pharmacokinetics and triglyceride lowering activity of acipimox in dialyzed uremic patients. Bonadonna A, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Feb;23(2):112-4

Regulation of the permeability of the medaka fish embryo chorion by exogeneous sodium and calcium ions. Cameron IL, et al. **J Exp Zool** 1984 Sep;231(3):447-54

Isolation and characterization of an olfactory receptor protein for odorant pyrazines. Pevsner J, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):3050-4

PHARMACODYNAMICS

Analysis of amiloride inhibition of chorda tympani taste response of rat to NaCl. DeSimone JA, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R52-61

Single-channel recordings from amiloride-sensitive epithelial sodium channel. Hamilton KL, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):C200-7

Amiloride inhibition of proximal tubular acidification. Howlin KJ, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F773-8

Effect of arterial carbon dioxide tension on amiloride-sensitive sodium absorption in the colon. Kurtin P, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):G537-41

Regulation of amiloride-sensitive electrogenic sodium transport in the rat colon by steroid hormones. Will PC, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G124-32

Amiloride-sensitive salt and fluid absorption in small intestine of sodium-depleted rats. Will PC, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G133-41

Gastric antisecretory properties of SCH 32651. Chiu PJ, et al. **Arch Int Pharmacodyn Ther** 1984 Jul;270(1):116-27

Inhibition of potassium-induced contracture of the isolated rat aorta by amiloride. Pinon JF, et al. **Arzneimittelforsch** 1985;35(1A):421-3

Mg2+ efflux is accomplished by an amiloride-sensitive Na+/Mg2+ antiport. Günther T, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):540-5

Na+/H+ exchanger activity in the pig kidney epithelial cell line, LLC-PK1: inhibition by amiloride and its derivatives. Haggerty JG, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):759-67

Characterization of potent Na+/H+ exchange inhibitors from the amiloride series in A431 cells. Zhuang Y, et al. **Biochemistry** 1984 Sep 11;23(19):4481-8

The interaction of amiloride analogues with the Na+/H+ exchanger in kidney medulla microsomes. Labelle EF, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):129-38

Saturation behavior of single, amiloride-sensitive Na+ channels in planar lipid bilayers. Olans L, et al. **Biophys J** 1984 Dec;46(6):831-5

Amiloride inhibits the PHA-evoked mouse splenic lymphocyte proliferation. Pieri C, et al. **Boll Soc Ital Biol Sper** 1985 Feb 28;61(2):175-81

Metabolic effects of high dose amiloride and spironolactone: a comparative study in normal subjects. Millar JA, et al. **Br J Clin Pharmacol** 1984 Sep;18(3):369-75

Effects of SCH 32651 on resting and stimulated acid secretion in guinea-pig isolated fundic mucosa. Barnett A, et al. **Br J Pharmacol** 1984 Sep;83(1):75-82

Inhibition by amiloride of chorda tympani responses evoked by monovalent salts. Brand JG, et al. **Brain Res** 1985 May 20;334(2):207-14

Addition of functional amiloride-sensitive components to the receptor membrane: a possible mechanism for altered taste responses during development. Hill DL, et al. **Brain Res** 1985 Jun;352(2):310-3

Modification of aflatoxin B1 binding to DNA in vivo in rats fed phenolic antioxidants, ethoxyquin and a dithiothione. Kensler TW, et al. **Carcinogenesis** 1985 May;6(5):759-63

Effects of acipimox, a nicotinic acid derivative, on lipolysis in human adipose tissue and on cholesterol synthesis in human jejunal mucosa. Stirling C, et al. **Clin Sci** 1985 Jan; 68(1):83-8

Amiloride inhibition of triiodothyronine stimulated hepatocyte proliferation in vivo, and involvement of the intracellular Na+ content in mitotic regulation: an X-ray microanalytic study. Pieri C, et al. **Cytobios** 1984; 41(162):71-83

Amiloride: relationship between cardiac effects and inhibition of Na+/Ca2+ exchange. Floreani M, et al. **Eur J Pharmacol** 1984 Oct 15;105(3-4):317-22

Inhibition of H+K+ATPase by SCH 28080 and SCH 32651. Scott CK, et al. **Eur J Pharmacol** 1985 Jun 7;112(2):268-70

The amiloride sensitive Na+/H+ antiport in guinea pig pancreatic acini. Characterization and stimulation by caerulein. Dufresne M, et al. **FEBS Lett** 1985 Jul 22; 187(1):126-30

Sodium channel blockers are vasodilator as well as natriuretic and diuretic agents. Haddy FJ, et al. **Hypertension** 1985 May-Jun;7(3 Pt 2):I121-6

Amiloride-sensitive Na+-H+ antiporter in Escherichia coli. Mochizuki-Oda N, et al. **J Bacteriol** 1985 Jul;163(1):395-7

Amiloride inhibits phorbol ester-stimulated Na+/H+ exchange and protein kinase C. An amiloride analog selectively inhibits Na+/H+ exchange. Besterman JM, et al. **J Biol Chem** 1985 Jan 25;260(2):1155-9

Amiloride directly inhibits growth factor receptor tyrosine kinase activity. Davis RJ, et al. **J Biol Chem** 1985 Feb 25; 260(4):2543-51

22Na+ fluxes in thymic lymphocytes. II. Amiloride-sensitive Na+/H+ exchange pathway; reversibility of transport and asymmetry of the modifier site. Grinstein S, et al. **J Gen Physiol** 1984 Oct;84(4):585-600

22Na+ fluxes in thymic lymphocytes. I. Na+/Na+ and Na+/H+ exchange through an amiloride-insensitive pathway. Grinstein S, et al. **J Gen Physiol** 1984 Oct; 84(4):565-84

Amiloride blockable sodium fluxes in toad bladder membrane vesicles. Garty H. **J Membr Biol** 1984;82(3):269-79

Structure-activity relationship of amiloride analogs as blockers of epithelial Na channels: I. Pyrazine-ring modifications. Li JH, et al. **J Membr Biol** 1985; 83(1-2):45-56

Voltage-dependent block by amiloride and other monovalent cations of apical Na channels in the toad urinary bladder. Palmer LG. **J Membr Biol** 1984;80(2):153-65

Electrophysiologic effects of amiloride in canine Purkinje fibers: evidence for a delayed effect on repolarization. Marchese AC, et al. **J Pharmacol Exp Ther** 1985 Feb; 232(2):485-91

Sodium-selective micro-electrode study of apical permeability in frog skin: effects of sodium, amiloride and ouabain. Harvey BJ, et al. **J Physiol (Lond)** 1984 Nov; 356:359-74

Cortical collecting tubule potassium secretion: effect of amiloride, ouabain, and luminal sodium concentration. Wingo CS. **Kidney Int** 1985 Jun;27(6):886-91

Effects of amiloride on calcium uptake by myocytes isolated from adult rat hearts. Altschuld RA, et al. **Life Sci** 1984 Aug 20;35(8):865-70

Ion transport and metabolic effects of amiloride in canine tracheal mucosa. Al-Bazzaz FJ, et al. **Lung** 1984; 162(6):357-67

Magnesium- and potassium-sparing effects of amiloride. Review and recent findings. Ryan MP. **Magnesium** 1984; 3(4-6):274-88

Inhibition of synaptosomal membrane Na+-Ca2+ exchange transport by amiloride and amiloride analogues. Schellenberg GD, et al. **Mol Pharmacol** 1985 May; 27(5):537-43

Effect of amiloride on experimental gentamicin nephrotoxicity. Purnell J, et al. **Nephron** 1985;40(2):166-70

A comparative electrophysiological and biochemical assessment of serotonin (5-HT) and a novel 5-HT agonist (MK-212) on central serotonergic receptors. Yarbrough GG, et al. **Neuropharmacology** 1984 Nov;23(11):1271-7

Amiloride inhibition of Na+-entry into corneal endothelium. Midelfart A, et al. **Pflugers Arch** 1985 Apr;403(4):377-83

Amiloride, a diuretic with in vitro antimicrobial activity. Giunta S, et al. **Pharmacol Res Commun** 1984 Aug; 16(8):821-9

A search for new antihypertensive agents. I. Alpha-adrenergic activity and selection of structures among pyrazine substituted imidazolines. Kaliszan R, et al. **Pol J Pharmacol Pharm** 1985 Jan-Feb;37(1):79-88

Inhibition of epidermal growth factor-induced mitogenesis by amiloride and an analog: evidence against a requirement for Na+/H+ exchange. Besterman JM, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6762-6

Effect of amiloride on cisternal fluid [HCO3-] in acute respiratory acidosis. Javaheri S, et al. **Respir Physiol** 1984 Oct;58(1):101-10

[Effect of Ligustrazini (a new calcium antagonist?) on cardiovascular tissue: pharmacodynamic and electrophysiological studies] Wang YL, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May;5(5):291-4, 320, 260 (Eng. Abstr.) **(Chi)**

[Effects of a compound prescription of blood activator and tetramethylpyrazine on the biosynthesis of thromboxane A2] Wu YS, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):169-71, 133 (Eng. Abstr.) **(Chi)**

[Blocking of proton-activated sodium permeability of the membranes of trigeminal ganglion neurons in the rat by organic cations] Korkushko AO, et al. **Neirofiziologiia** 1984; 16(4):557-61 (Eng. Abstr.) **(Rus)**

[Combination of carbonated baths with potassium-sparing diuretics] Strec V, et al. **Bratisl Lek Listy** 1984 Sep; 82(3):1077-86 (Eng. Abstr.) **(Slo)**

THERAPEUTIC USE

Hydrochlorothiazide-amiloride in the treatment of congenital nephrogenic diabetes insipidus. Alon U, et al. **Am J Nephrol** 1985;5(1):9-13

Gastric cytoprotective properties of SCH 32651, a novel antiulcer agent. Chiu PJ, et al. **Arch Int Pharmacodyn Ther** 1984 Jul;270(1):128-40

A comparative study of the effects of acipimox and clofibrate in type III and type IV hyperlipoproteinemia. Stuyt PM, et al. **Atherosclerosis** 1985 Apr;55(1):51-62

Hydrochlorothiazide-amiloride versus hydrochlorothiazide alone for essential hypertension: effects on blood pressure and serum potassium level. Larochelle P, et al. **Can Med Assoc J** 1985 Apr 1;132(7):801-5

Oral potassium chloride and amiloride in hydrochlorothiazide-induced potassium loss. Maronde RF, et al. **Clin Pharmacol Ther** 1984 Oct;36(4):431-5

Blood pressure lowering and potassium conservation by triamterene-hydrochlorothiazide and amiloride-hydrochlorothiazide in hypertension. Maxwell MH, et al. **Clin Pharmacol Ther** 1985 Jan;37(1):61-5

Timolol and a hydrochlorothiazide-amiloride combination in the treatment of essential hypertension in young and middle-aged patients: a comparative study with once-daily administration. Lindroos M, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Dec;22(12):643-5

Synthesis and antimetastatic properties of stereoisomeric tricyclic bis(dioxopiperazines) in the Lewis lung carcinoma model. Witiak DT, et al. **J Med Chem** 1985 Sep; 28(9):1228-34

Field trials with Oltipraz against Schistosoma mansoni in the Gezira Irrigated Area, Sudan. Kardaman MW, et al. **J Trop Med Hyg** 1985 Apr;88(2):95-100

Additive hypocalciuric effects of amiloride and hydrochlorothiazide in patients treated with calcitriol. Alon U, et al. **Miner Electrolyte Metab** 1984;10(6):379-86

Amiloride in the treatment of lithium-induced diabetes insipidus [letter] **N Engl J Med** 1985 Jun 13;312(24):1575-7

Amelioration of polyuria by amiloride in patients receiving long-term lithium therapy. Batlle DC, et al. **N Engl J Med** 1985 Feb 14;312(7):408-14

Effects of hydrochlorothiazide and amiloride in renal hypophosphatemic rickets. Alon U, et al. **Pediatrics** 1985 Apr;75(4):754-63

Comparison of a fixed ratio combination of hydrochlorothiazide, amiloride and timolol ('Moducren') given once versus twice daily in mild to moderate hypertension. Young JH, et al. **Pharmatherapeutica** 1984; 4(1):64-8

Assessment of oltipraz in schistosomiasis mansoni. Clinical trial. Katz N, et al. **Rev Inst Med Trop Sao Paulo** 1984 May-Jun;26(3):147-51

[Epidemiologic study of 2 foci of Schistosoma mansoni bilharziasis in Togo (Lama Kara and Kpalimé). Comparative efficacy of oltipraz (RP 35972)] Lapierre J, et al. **Med Trop (Mars)** 1984 Apr-Jun;44(2):113-9 (Eng. Abstr.) **(Fre)**

[Comparative efficacy of oltipraz (1 dose, 30 mg/kg) and the combination of niridazole (25 mg/kg) and metrifonate (10 mg/kg) against S. haematobium] Rey JL, et al. **Med Trop (Mars)** 1984 Apr-Jun;44(2):155-8 (Eng. Abstr.) **(Fre)**

[Esmaloride--a new potassium neutral diuretic combination. Clinical pharmacologic properties] Pabst J, et al. **Fortschr Med** 1985 Feb 14;103(6):125-9 (Eng. Abstr.) **(Ger)**

[Studies on pyrazine derivatives. XVI. Antitubercular properties of compound F-369 in in vitro and in vivo studies] Janowiec M, et al. **Pneumonol Pol** 1985 Jan; 53(1):9-14 (Eng. Abstr.) **(Pol)**

PYRAZINOBUTAZONE see under **PHENYLBUTAZONE**

PYRAZINOPYRIMIDINES see **PTERIDINES**

PYRAZOLES

Chromic anhydride-3, 5-dimethylpyrazole complex: an efficient reagent for oxidation of steroidal estrogens to 6-oxo-derivatives. Garza GA, et al. **Steroids** 1983 Oct; 42(4):469-74

[Preparation of 4-phenoxy and 4-phenylthio derivatives of 1H-pyrazolo[3,4-b]-quinoline with an antiviral effect] Rádl S, et al. **Cesk Farm** 1985 May;34(3-4):119-22 (Eng. Abstr.) **(Cze)**

ADMINISTRATION & DOSAGE

A simple procedure using 4-methylpyrazole for developing tolerance and other chronic alcohol effects. Lindros KO, et al. **Alcohol** 1984 Mar-Apr;1(2):145-50

Differential dosing study of pirazolac, a new non-steroidal anti-inflammatory agent, in patients with rheumatoid arthritis. Symmons D, et al. **Curr Med Res Opin** 1985; 9(8):542-7

Chlordiazepoxide enhances the anxiogenic action of CGS 8216 in the social interaction test: evidence for benzodiazepine withdrawal? File SE, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):33-6

Dose finding study in chronic congestive heart failure patients. Results of a short- and long-term study. Esper RJ, et al. **Z Kardiol** 1985;74 Suppl 2:19-23

ADVERSE EFFECTS

Fixed drug eruption. Gómez B, et al. **Allergol Immunopathol (Madr)** 1985 Mar-Apr;13(2):87-91

Precipitated and spontaneous withdrawal in baboons after chronic dosing with lorazepam and CGS 9896. Lamb RJ, et al. **Drug Alcohol Depend** 1984 Sep;14(1):11-7

Interference on metabolism induced by muzolimine and chlorthalidone in type II hypertensive diabetics. Pagano G, et al. **Z Kardiol** 1985;74 Suppl 2:80-3

BLOOD

4-Methylpyrazole disposition in the dog: evidence for saturable elimination. Mayersohn M, et al. **J Pharm Sci** 1985 Aug;74(8):895-6

A pharmacokinetic study of CGS-8216, a benzodiazepine receptor ligand, in the rat. Lister RG, et al. **Psychopharmacology (Berlin)** 1984;84(3):420-2

Pharmacokinetics of muzolimine after acute and chronic dosing in hypertensive patients with mild renal insufficiency. Mann J, et al. **Z Kardiol** 1985;74 Suppl 2:77-9

CHEMICAL SYNTHESIS

Potential antitumor agents, XIII. Indole derivatives related to lonidamine. Andreani A, et al. **Arch Pharm (Weinheim)** 1984 Oct;317(10):847-51

Synthesis of 1,5-dihydro-5-(4-methoxyphenyl)-4H-pyrazolo[3,4-d]pyr and their ribosides and Mannich bases. Finlander P, et al. **Arch Pharm (Weinheim)** 1985 May;318(5):452-9

Synthesis and antitumor activity of alkyltriazenopyrazoles. Zakharieva RD, et al. **Arzneimittelforsch** 1984;34(6):661-3

Pyrrolnitrin analogues. IX. Synthesis and biological activity of 1-tolyl-3-nitrophenyl-5-methylpyrazole-4-carboxylic acids and 1-tolyl-3-methyl-5-nitrophenylpyrazole-4-carboxylic acids. Cecchi L, et al. **Farmaco [Sci]** 1984 Oct;39(10):888-900

Synthesis and biological activity of some 3-(pyrazol-1'-yl)indazole derivatives. Cecchi L, et al. **Farmaco [Sci]** 1984 Nov;39(11):945-52

Antiinflammatory properties of a series of 4-amino-5-arylpyrazoles. Tarzia G, et al. **Farmaco [Sci]** 1984 Jul;39(7):618-36

3,4-Diphenyl-1H-pyrazole-1-propanamine antidepressants. Bailey DM, et al. **J Med Chem** 1985 Feb;28(2):256-60

(1,3-Dialkyl-5-amino-1H-pyrazol-4-yl)arylmethanones. A series of novel central nervous system depressants. Butler DE, et al. **J Med Chem** 1984 Nov;27(11):1396-400

Synthesis of some new 3,5-pyrazolidinedione derivatives of expected biological activity. Islam AM, et al. **Pharmazie** 1984 Jun;39(6):382-3

Studies in spiro heterocycles. Part 4(1): Investigation of the reactions of fluorinated 3-aroylmethylene-indol-2-ones with hydrazine and phenylhydrazine and synthesis of spiro [indole-3,3'-pyrazol]-2-ones. Joshi KC, et al. **Pharmazie** 1985 Jan;40(1):21-2

[Azoles. 12. Pyrazole carbolic acid thioamides] Bernard M, et al. **Pharmazie** 1984 Jul;39(7):464-6 (Eng. Abstr.) **(Ger)**

METABOLISM

Metabolism of benzydamine. Köppel C, et al. **Arzneimittelforsch** 1985;35(3):634-5

Metabolism of the amino acid beta-pyrazol-1-ylalanine and its parent base pyrazole. Al-Baldawi NF, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1273-8

Metabolism, disposition, and pharmacokinetics of tracazolate in rat and dog. Melgar MD, et al. **Drug Metab Dispos** 1984 Jul-Aug;12(4):396-402

Tracazolate metabolites in rat tissue. Zuleski FR, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):139-47

Effect of probenecid on isofezolac kinetics. Bannier A, et al. **Eur J Clin Pharmacol** 1985;28(4):433-7

Pharmacokinetics of pirazolac--a new anti-inflammatory drug--in human volunteers. I. Absorption, disposition, biotransformation and excretion. Täuber U, et al. **Eur J Drug Metab Pharmacokinet** 1985 Jan-Mar;10(1):41-53

Concentrations of lonazolac in serum and synovial fluid of patients with inflammatory or degenerate joint disease. Mayrhofer F, et al. **Int J Clin Pharmacol Res** 1984;4(6):415-7

The effect of antacid and aspirin on the bioavailability of isofezolac in man. Rocher I, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Sep;22(9):464-9

High pressure liquid chromatographic assay of 4-methylpyrazole. Measurements of plasma and urine levels. McMartin KE, et al. **J Toxicol Clin Toxicol** 1984;22(2):133-48

Tissue distribution, urinary, fecal and biliary excretion of 14C bendazac L-lysine salt in rats. Catanese B, et al. **Pharmacol Res Commun** 1985 May;17(5):425-32

Effects of haemodialysis on the pharmacokinetics of muzolimine. Fiegel P, et al. **Z Kardiol** 1985;74 Suppl 2:100-2

The metabolism of muzolimine. Gorrod JW, et al. **Z Kardiol** 1985;74 Suppl 2:152-6

Food and muzolimine interaction. Ritter W, et al. **Z Kardiol** 1985;74 Suppl 2:145-8

Pharmacokinetics of muzolimine after oral administration with and without aluminium hydroxide in healthy volunteers. Ritter W, et al. **Z Kardiol** 1985;74 Suppl 2:149-51

Pharmacokinetics and pharmacodynamics of muzolimine in chronic heart failure. Storstein L, et al. **Z Kardiol** 1985;74 Suppl 2:34-6

PHARMACODYNAMICS

Antiallergic activity of some indazole derivatives. Beyer B, et al. **Acta Cient Venez** 1984;35(2):103-6

Synthetic inhibitors of alcohol dehydrogenase. Pyrazoles containing polar groups directly attached to the pyrazole ring in the 4-position. Tolf BR, et al. **Acta Pharm Suec** 1985;22(3):147-56

Voluntary consumption of ethanol and its consequences in C57 mice treated with 4-methylpyrazole. Gentry RT. **Alcohol** 1985 Jul-Aug;2(4):581-7

The anxiogenic action of FG 7142 in the social interaction test is reversed by chlordiazepoxide and Ro 15-1788 but not by CGS 8216. File SE, et al. **Arch Int Pharmacodyn Ther** 1984 Oct;271(2):198-205

Antiaggregatory efficacy and its time-course after application of acetylsalicylic acid, prostacyclin and nafazatrom in vivo. Herrmann KS. **Arch Int Pharmacodyn Ther** 1984 Nov;272(1):150-8

Nafazatrom (BAY g 6575), a potent stimulator of prostacyclin release from cardiac and renal vessel wall. Klitzke AK. **Arch Int Pharmacodyn Ther** 1984 Oct;271(2):220-8

Effects of an indazole derivative, FKK, a novel bronchodilator, on the cardiovascular system in dogs. Shiraki Y, et al. **Arch Int Pharmacodyn Ther** 1985 Jan;273(1):155-66

Increased content of cytochrome P-450 and 4-methylpyrazole binding spectrum after 4-methylpyrazole treatment. Feierman DE, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1076-81

Induction of the ethanol-inducible form of rabbit liver microsomal cytochrome P-450 by inhibitors of alcohol dehydrogenase. Ingelman-Sundberg M, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):375-82

Effects of pyrazole on nitrosodimethylamine demethylase and other microsomal xenobiotic metabolising activities. Craft JA. **Biochem Pharmacol** 1985 May 1;34(9):1507-13

The development of tolerance to antilipolytic agents in rats. Myles DD, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):269-74

Inhibition of leukotriene B4 formation in human neutrophils after oral nafazatrom (Bay g 6575). Strasser T, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):1891-4

The development of tolerance to antilipolytic agents by isolated rat adipocytes. Stratton GD, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):275-9

Inhibition of the recovery from potentially lethal damage by lonidamine. Hahn GM, et al. **Br J Cancer** 1984 Nov;50(5):657-60

Studies on hypolipidemic agents. III. Comparison of the hypolipidemic properties of 5-tridecylpyrazole-3-carboxylic acid and clofibrate. Seki K, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):4103-9

Studies on the effect of 4-methylpyrazole on methanol poisoning using the monkey as an animal model: with particular reference to the ocular toxicity. Blomstrand R, et al. **Drug Alcohol Depend** 1984 Jul;13(4):343-55

Lorazepam and pentobarbital discrimination: interactions with CGS 8216 and caffeine. Ator NA, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):169-81

In vivo determination of efficacy of pyrazoloquinolinones at the benzodiazepine receptor. Brown C, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):139-43

Modification of pyrazoloquinolinone affinity by GABA predicts efficacy at the benzodiazepine receptor. Brown CL, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):167-73

Chlordiazepoxide-induced hyperphagia in non-food-deprived rats: effects of Ro15-1788, CGS 8216 and ZK 93 426. Cooper SJ, et al. **Eur J Pharmacol** 1985 May 28;112(1):39-45

Effect of lonidamine on protein synthesis in neoplastic cells. Floridi A, et al. **Exp Mol Pathol** 1985 Jun;42(3):293-305

Morphological and biochemical effects of lonidamine on cultured Sertoli cells. Galdieri M, et al. **Exp Mol Pathol** 1984 Oct;41(2):202-6

Effect of lonidamine on the aerobic glycolysis of normal and phytohemagglutinin-stimulated human peripheral blood lymphocytes. Nista A, et al. **Exp Mol Pathol** 1985 Apr;42(2):194-205

Interaction of BW755C, a potent inhibitor of lipoxygenase and cyclo-oxygenase, with mitochondrial cytochrome oxidase. Kawai K, et al. **Experientia** 1985 Apr 15;41(4):490-2

General pharmacological investigations on bendazac lysine. Cioli V, et al. **Farmaco [Prat]** 1984 Dec;39(12):438-54

Cyanopyrazoles as analogs of purine precursors--II. Effects on macromolecular synthesis and cell cycle progression. Grancharov KC, et al. **Int J Biochem** 1985;17(5):619-24

Cyanopyrazoles as analogs of purine precursors--I. Inhibitory effect on purine biosynthesis de novo. Spassova MK, et al. **Int J Biochem** 1984;16(10):1091-4

Preliminary evaluation of isocyanate-generating nitroheterocycles as chemosensitizers, radiosensitizers and hypoxic cell cytotoxic agents. Mulcahy RT, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1609-13

The effect of the drug lonidamine on Chinese hamster ovary cells in vitro and on experimental tumors. Rotin D, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1595-8

An anti-inflammatory drug (BW755C) inhibits airway hyperresponsiveness induced by ozone in dogs. Fabbri LM, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):162-6

The effects of the indazole carboxylic acid derivative, tolnidamine, on testicular function: I. Early changes in androgen binding protein secretion in the rat. Spitz IM, et al. **J Androl** 1985 May-Jun;6(3):171-8

Herpes simplex type 1 ribonucleotide reductase. Mechanism studies with inhibitors. Spector T, et al. **J Biol Chem** 1985 Jul 25;260(15):8694-7

Biological activity of the hypolipidemic agent, N2-n-butylindazolone. Hall IH, et al. **J Pharm Sci** 1984 Dec;73(12):1788-91

Behavioral effects of nonbenzodiazepine anxiolytic drugs: a comparison of CGS 9896 and zopiclone with chlordiazepoxide. Sanger DJ, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):831-7

Suppression of acetaldehyde accumulation by 4-methylpyrazole in alcohol-hypersensitive Japanese. Inoue K, et al. **Jpn J Pharmacol** 1985 May;38(1):43-8

The non-sedating anxiolytic CGS 9896 produces discriminative stimuli that may be related to an anxioselective effect. Bennett DA. **Life Sci** 1985 Aug 26;37(8):703-9

Mechanism of the stimulation of prostaglandin H synthase and prostacyclin synthase by the antithrombotic and antimetastatic agent, nafazatrom. Marnett LJ, et al. **Mol Pharmacol** 1984 Sep;26(2):328-35

The anxiogenic action of RO 5-4864 in the social interaction test: effect of chlordiazepoxide, RO 15-1788 and CGS 8216. File SE, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan;328(3):225-8

Evidence that 2-phenylpyrazolo[4,3-c]-quinolin-3(5H)-one antagonises pharmacological, electrophysiological and biochemical effects of diazepam in rats. Santi M, et al. **Neuropharmacology** 1985 Feb;24(2):99-105

CGS 8216 fails to modify novelty-related behaviour in mice: further evidence for differential actions of benzodiazepine antagonists. Rodgers RJ, et al. **Neurosci Lett** 1984 Oct 12;51(2):161-3

Anxiogenic action of benzodiazepine antagonists Ro 15-1788 and CGS 8216 in the rat. Wagner JA, et al. **Neurosci Lett** 1984 Aug 10;48(3):317-20

Midazolam-induced increase in NaCl solution ingestion: differential effect of the benzodiazepine antagonists Ro 15-1788 and CGS 8216. Falk JL, et al. **Pharmacol Biochem Behav** 1984 Dec;21(6):965-8

Antagonism by CGS 8216 and Ro 15-1788, benzodiazepines antagonists, of the action of chlordiazepoxide on a timing behavior in rats. Nakamura M, et al. **Pharmacol Biochem Behav** 1984 Sep;21(3):381-5

The inhibition of ribonucleoside diphosphate reductase by hydroxyurea, guanazole and pyrazoloimidazole (IMPY). Moore EC, et al. **Pharmacol Ther** 1985;27(2):167-96 (265 ref.)

Biphasic effect of pyrazolone derivatives on drug-metabolizing enzyme in rat liver. Bien E, et al. **Pharmazie** 1985 Jun;40(6):412-4

Evaluation of inhibitors of eicosanoid synthesis in leukocytes: possible pitfall of using the calcium ionophore A23187 to stimulate 5' lipoxygenase. Salmon JA, et al. **Prostaglandins** 1985 Mar;29(3):377-85

Nafazatrom (Bay g 6575) blunts canine hypoxic pulmonary vasoconstriction: evidence for a prostaglandin-mediated mechanism. Ensley RD, et al. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):95-104

Antagonistic effects of guanabenz, carteolol, and muzolimine on hypertensive responses in the anesthetized dog. Marmo E, et al. **Res Commun Chem Pathol Pharmacol** 1984 Oct;46(1):25-33

Platelet survival and function in animals with prosthetic mitral valve: the effect of nafazatrom. Al-Mondhiry H, et al. **Thromb Haemost** 1984 Oct 31;52(2):99-101

Ultrastructural observations of an electron dense amorphous layer on selectively damaged endothelial cells, a possible trigger of thrombogenesis in vivo, and its inhibition by nafazatrom. Herrmann KS, et al. **Thromb Res** 1984 Nov 1;36(3):205-15

XC 386: a new antiplatelet agent. Wang JP, et al. **Thromb Res** 1984 Oct 15;36(2):113-22

Is the antihypertensive effect of muzolimine due to volume depletion? Andreucci VE, et al. **Z Kardiol** 1985;74 Suppl 2:43-7

Comparative pharmacodynamics of furosemide and muzolimine in cirrhosis. Study on renal sodium and potassium handling and renin-aldosterone axis. Bernardi M, et al. **Z Kardiol** 1985;74 Suppl 2:129-34

Interactions between muzolimine, PgE2 and the renin-angiotensin-aldosterone system. Calò L, et al. **Z Kardiol** 1985;74 Suppl 2:157-60

The effect of muzolimine on the tubuloglomerular feedback mechanism in the rat kidney. Davis JM, et al. **Z Kardiol** 1985;74 Suppl 2:161-5

Demonstration of action of muzolimine on the serosal side of Henle's loop cells. Faedda R, et al. **Z Kardiol** 1985;74 Suppl 2:166–70

Influence of muzolimine and other diuretics on human red cell Na+, K+-cotransport. Knorr A, et al. **Z Kardiol** 1985; 74 Suppl 2:175–8

The effects of single doses of muzolimine upon urinary solute and fluid excretion. Leary WP, et al. **Z Kardiol** 1985;74 Suppl 2:135–40

Pharmacodynamic and pharmacokinetic correlation of muzolimine with and without aluminium hydroxide. Lücker PW, et al. **Z Kardiol** 1985;74 Suppl 2:141–4

Muzolimine modification of renal vasoconstriction. Steele TH, et al. **Z Kardiol** 1985;74 Suppl 2:186–8

[Experimental study of the parasiticidal properties of indazole: fungi] Bailenger J. **Ann Pharm Fr** 1984; 42(4):379–85 (Eng. Abstr.) **(Fre)**

[Experimental study of parasiticide properties of indazole: Protozoa and Helminths] Bailenger J. **Ann Pharm Fr** 1984; 42(5):443–50 (Eng. Abstr.) **(Fre)**

[Nature of the interaction of voltaren and other pyrazolone and aniline derivatives with prostaglandin endoperoxide synthetase] Muratov VK, et al. **Farmakol Toksikol** 1984 Sep–Oct;47(5):41–4 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Lack of efficacy of nafazatrom, a novel anti-thrombotic compound, in patients with coronary artery disease. Roy L, et al. **Am Heart J** 1985 May;109(5 Pt 1):1026–31

Potential antitumor agents, XIII. Indole derivatives related to lonidamine. Andreani A, et al. **Arch Pharm (Weinheim)** 1984 Oct;317(10):847–51

The effect of BW 540C, a novel anti-inflammatory agent, on ultraviolet-induced physical and histological changes in guinea-pig skin. Dawson B, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:137–40

Nafazatrom-induced salvage of ischemic myocardium in anesthetized dogs is mediated through inhibition of neutrophil function. Bednar M, et al. **Circ Res** 1985 Jul; 57(1):131–41

Metabolic and cardiovascular effects of endotoxin infusion in conscious unrestrained rats: effects of methylprednisolone and BW755C. McKechnie K, et al. **Circ Shock** 1985;15(3):205–15

Thrombotic thrombocytopenic purpura: treatment with nafazatrom. Williams HJ, et al. **Clin Lab Haematol** 1984; 6(2):199–202

Cross-over study of muzolimine and hydrochlorothiazide-amiloride in hypertensive patients. Ferrara LA, et al. **Eur J Clin Pharmacol** 1985;28(3):241–4

Beneficial effects of nafazatrom on ischemic reperfused myocardium. Shea MJ, et al. **Eur J Pharmacol** 1984 Jun 15;102(1):63–70

Crossed tolerance to pyrazolines, mephenamic acid, and glafenine in A. S. A.-triad patients desensitized to aspirin [letter] Morales MC, et al. **J Allergy Clin Immunol** 1985 Apr;75(4):528

Nimesulide for the treatment of painful inflammatory process in the ear, nose and throat areas: a double-blind controlled study with benzydamine. Milvio C. **J Int Med Res** 1984; 12(6):327–32

On the hypolipemic properties of bendaline. Marmo E, et al. **J Med** 1984;15(2):105–25

Synthesis, in vitro [3H]prazosin displacement, and in vivo activity of 3-aryl-4,5,6,7-tetrahydropyrazolo[4,3-c]pyridines, a new class of antihypertensive agents. Winters G, et al. **J Med Chem** 1985 Jul;28(7):934–40

Benzydamine HCL in the management of chemotherapy-induced mucositis. I. Pilot study. Sonis ST, et al. **J Oral Med** 1985 Apr–Jun;40(2):67–71

Treatment of ankle sprains with benzydamine. Elswood R, et al. **Practitioner** 1985 Jan;229(1399):70–1

The effect of BW775C on respiratory distress in the rat induced by arachidonic acid. Parellada PP, et al. **Prostaglandins** 1985 Jan;29(1):91–8

New trends in diuretic therapy. 3rd International Edrul Symposium. **Z Kardiol** 1985;74 Suppl 2:1–193

Treatment of mild to moderate essential hypertension with muzolimine. Two years of follow-up. Amabile G, et al. **Z Kardiol** 1985;74 Suppl 2:48–51

Muzolimine in patients on chronic hemodialysis (HD) and continuous ambulatory peritoneal dialysis (CAPD). Bandiani G, et al. **Z Kardiol** 1985;74 Suppl 2:84–7

Diuretic effect and pharmacokinetic data observed at different stages of chronic renal failure with 240 mg of muzolimine. Baumelou A, et al. **Z Kardiol** 1985;74 Suppl 2:88–91

Muzolimine vs. furosemide in nephrotic syndrome: further support of different carrier(s) operating for enteral absorption. Bazzato G, et al. **Z Kardiol** 1985;74 Suppl 2:92–5

Muzolimine in the treatment of essential arterial hypertension not controlled with other antihypertensive drugs. Beneitez C. **Z Kardiol** 1985;74 Suppl 2:52–5

Clinical study of muzolimine in acute renal failure, pharmacodynamics and pharmacokinetics. Bouletreau P, et al. **Z Kardiol** 1985;74 Suppl 2:96–9

Efficacy of two different doses of muzolimine in the treatment of mild hypertension. Cocchieri M, et al. **Z Kardiol** 1985;74 Suppl 2:56–9

Effect of muzolimine in aortic insufficiency with different levels of left ventricular function. Dalla Volta S, et al. **Z Kardiol** 1985;74 Suppl 2:13–8

Muzolimine and nitrendipine in the treatment of arterial hypertension. de Divitiis O, et al. **Z Kardiol** 1985;74 Suppl 2:60–5

Beneficial effect of muzolimine in postischemic acute renal failure in rats. Garthoff B. **Z Kardiol** 1985;74 Suppl 2:171–4

Muzolimine therapy in patients with congestive heart failure in comparison with furosemide pretreatment. Effect on digoxin plasma concentration. Kahles H, et al. **Z Kardiol** 1985;74 Suppl 2:24–6

Clinical evaluation of muzolimine and indapamide during treatment for essential hypertension. Kirsten R, et al. **Z Kardiol** 1985;74 Suppl 2:66–72

Comparative study of muzolimine and acebutolol in the treatment of moderate hypertension. Lucsko M, et al. **Z Kardiol** 1985;74 Suppl 2:73–6

Muzolimine in advanced chronic renal failure. Mastrangelo F, et al. **Z Kardiol** 1985;74 Suppl 2:109–14

Step-dose of muzolimine at different stages of chronic renal failure: comparison with furosemide. Morachiello P, et al. **Z Kardiol** 1985;74 Suppl 2:115–20

Short-term, high-dose muzolimine treatment in patients with chronic renal failure and acute fluid retention. Orsoni G, et al. **Z Kardiol** 1985;74 Suppl 2:121–4

Muzolimine as monotherapy in the treatment of patients with congestive cardiac failure. Oversohl K, et al. **Z Kardiol** 1985;74 Suppl 2:27–31

Effects of muzolimine and of a combination of hydrochlorothiazide/triamterene in healthy subjects and in nephrotic patients. Riechers G, et al. **Z Kardiol** 1985;74 Suppl 2:103–8

Comparison of muzolimine and furosemide in heart failure. Salerno M, et al. **Z Kardiol** 1985;74 Suppl 2:32–3

Muzolimine in chronic renal failure: a study in 16 patients. Stratta P, et al. **Z Kardiol** 1985;74 Suppl 2:125–8

Haemodynamic studies with muzolimine in left ventricular failure complicating acute myocardial infarction. Verma SP, et al. **Z Kardiol** 1985;74 Suppl 2:37–42

[Antiamnestic properties of pyrazole dicarboxylic acid derivatives in rats] Shabanov PD, et al. **Farmakol Toksikol** 1984 Jul–Aug;47(4):28–30 (Eng. Abstr.) **(Rus)**

TOXICITY

Comparison of occult blood loss caused by pirazolac and diclofenac sodium: a double-blind crossover study. Bown RL, et al. **Curr Med Res Opin** 1985;9(8):548–51

[Hygienic standards for the photoreagents metol and phenydone in reservoir water] Korolev AA, et al. **Gig Sanit** 1984 Sep;(9):87–8 **(Rus)**

PYRENES

A chemiluminescent probe specific for singlet oxygen. Posner GH, et al. **Biochem Biophys Res Commun** 1984 Sep 17; 123(2):869–73

Fluorescence decay of pyrene in small and large unilamellar L, alpha-dipalmitoylphosphatidylcholine vesicles above and below the phase transition temperature. Daems D, et al. **Eur Biophys J** 1985;12(2):97–105

Lung carcinoma induction in Syrian golden hamsters by intratracheal instillation of 1,6-dinitropyrene. Takayama S, et al. **Gann** 1985 Jun;76(6):457–61

The effects of ionic strength on the protein conformation and the fluidity of porcine intestinal brush border membranes. Fluorometric studies using N-[7-dimethylamino-4-methylcoumarinyl]maleimide and pyrene. Ohyashiki T, et al. **J Biol Chem** 1985 Jun 10; 260(11):6857–61

ANALYSIS

On the analysis of 1-nitronaphthalene, 1-nitropyrene and 6-nitrochrysene in cigarette smoke. el-Bayoumy K, et al. **Carcinogenesis** 1985 Apr;6(4):505–7

DIAGNOSTIC USE

Oxygen quenching of pyrene-lipid fluorescence in phosphatidylcholine vesicles. A probe for membrane organization. Chong PL, et al. **Biophys J** 1985 May; 47(5):613–21

METABOLISM

Biliary excretion and enterohepatic circulation of 1-nitropyrene metabolites in Fischer-344 rats. Medinsky MA, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2325–30

Interactions of pyrene derivatives with lipid bilayers and with (Ca2+-Mg2+)-ATPase. Jones OT, et al. **Biochemistry** 1985 Apr 23;24(9):2195–202

Structural effects in reactivity and adduct formation of polycyclic aromatic epoxide and diol epoxide derivatives with DNA: comparison between 1-oxiranylpyrene and benzo[a]pyrenediol epoxide. Kim MH, et al. **Biochemistry** 1984 Nov 6;23(23):5433–9

Pyrenedodecanoylcarnitine and pyrenedodecanoyl coenzyme A: kinetics and thermodynamics of their intermembrane transfer. Wolkowicz PE, et al. **Biochemistry** 1984 Dec 18; 23(26):6426–32

Metabolism of 1-nitro[14C]pyrene in vivo in the rat and mutagenicity of urinary metabolites. Ball LM, et al. **Carcinogenesis** 1984 Dec;5(12):1557–64

Tumorigenicity and metabolism of 1-nitropyrene in A/J mice. El-Bayoumy K, et al. **Carcinogenesis** 1984 Nov; 5(11):1449–52

Identification of ring oxidized metabolites of 1-nitropyrene in the feces and urine of germfree F344 rats. El-Bayoumy K, et al. **Carcinogenesis** 1984 Oct;5(10):1371–3

Acetyl coenzyme A-dependent binding of carcinogenic and mutagenic dinitropyrenes to DNA. Djuric Z, et al. **Carcinogenesis** 1985 Jun;6(6):941–4

Comparison of the in vitro and in vivo hepatic metabolism of the carcinogen 1-nitropyrene. Howard PC, et al. **Carcinogenesis** 1985 Feb;6(2):243–9

Enhancement of DNA binding and mutagenicity of 1-nitropyrene by zinc acetate in Salmonella typhimurium TA100. Sakai K, et al. **Carcinogenesis** 1985 Jan;6(1):59–64

Evidence for N-(deoxyguanosin-8-yl)-1-aminopyrene as a major DNA adduct in female rats treated with 1-nitropyrene. Stanton CA, et al. **Carcinogenesis** 1985 Apr; 6(4):535–8

Excretion and metabolism of 1-nitropyrene in rats after oral or intraperitoneal administration. Dutcher JS, et al. **Fundam Appl Toxicol** 1985 Apr;5(2):287–96

Modification of nucleic acids with 1-nitropyrene in the rat: identification of the modified nucleic acid base. Hashimoto Y, et al. **Gann** 1985 Apr;76(4):253–6

1-Nitrosopyrene: an intermediate in the metabolic activation of 1-nitropyrene to a mutagen in Salmonella typhimurium TA1538. Heflich RH, et al. **Mutat Res** 1985 Mar; 149(1):25–32

Mutagenic activation of biliary metabolites of 1-nitropyrene by intestinal microflora. Morotomi M, et al. **Mutat Res** 1985 Apr;149(2):171–8

Metabolism of 1-nitropyrene and 6-nitrobenzo(a)pyrene by intestinal microflora. Cerniglia CE. **Prog Clin Biol Res** 1985;181:133–7

Metabolism of 1-[14C]nitropyrene in respiratory tract tissue of rats exposed to diesel exhaust. Bond JA, et al. **Toxicol Appl Pharmacol** 1985 Jul;79(3):461–70

PHARMACODYNAMICS

Topically applied nitropyrenes are potent inducers of cutaneous and hepatic monooxygenases. Asokan P, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):134–40

Effects of acetylenic and olefinic pyrenes upon cytochrome P-450 dependent benzo[a]pyrene hydroxylase activity in liver microsomes. Gan LS, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):591–6

1-Ethynylpyrene, a suicide inhibitor of cytochrome P-450 dependent benzo[a]pyrene hydroxylase activity in liver microsomes. Gan LS, et al. **Biochemistry** 1984 Aug 14; 23(17):3827–36

Evidence for N-(deoxyguanosin-8-yl)-1-aminopyrene as a major DNA adduct in female rats treated with 1-nitropyrene. Stanton CA, et al. **Carcinogenesis** 1985 Apr; 6(4):535–8

1,6-Dinitropyrene: mutagenicity in Salmonella and carcinogenicity in BALB/c mice. Tokiwa H, et al. **JNCI** 1984 Dec;73(6):1359–63

Mutagenicity of derivatives and metabolites of 1-nitropyrene: activation by rat liver S9 and bacterial enzymes. Ball LM, et al. **Mutat Res** 1984 Nov–Dec;138(2–3):113–25

Mutagenic/carcinogenic agents in indoor pollutants; the dinitropyrenes generated by kerosene heaters and fuel gas and liquefied petroleum gas burners. Tokiwa H, et al. **Mutat Res** 1985 Jul;157(1):39–47

TOXICITY

Mutagenicity of the sunlight-exposed sample of pyrene in Salmonella typhimurium TA98. Takeda N, et al. **Bull Environ Contam Toxicol** 1984 Oct;33(4):410–7

Absence of carcinogenicity of 1-nitropyrene, correction of previous results, and new demonstration of carcinogenicity of 1,6-dinitropyrene in rats. Ohgaki H, et al. **Cancer Lett** 1985 Jan;25(3):239–45

Fluoranthene and pyrene enhance benzo[a]pyrene--DNA adduct formation in vivo in mouse skin. Rice JE, et al. **Cancer Lett** 1984 Oct;24(3):327–33

DNA single-strand breaks by nitropyrenes and related compounds in Chinese hamster V79 cells. Saito K, et al. **Cancer Lett** 1984 Sep;24(2):121–7

Mutagenic 1-nitropyrene in wastewater from oil-water separating tanks of gasoline stations and in used crankcase oil. Manabe Y, et al. **Environ Mutagen** 1984;6(5):669–81

Mutagenicity of nitropyrenes for Escherichia coli: requirement for increased cellular permeability. McCoy EC, et al. **Mutat Res** 1985 Apr;142(4):163–7

Genetic and quantum chemical basis of the mutagenicity of nitroarenes for adenine-thymine base pairs. McCoy EC, et al. **Mutat Res** 1985 May;149(3):311–9

Mutagenicity of pyrene in Salmonella. Matijašević Z, et al. **Mutat Res** 1985 Apr;142(4):149–52

DNA damage induced by nitropyrenes in primary mouse hepatocytes and in rat H4-II-E hepatoma cells. Møller ME, et al. **Mutat Res** 1985 Aug;151(1):137–46

Photodecomposition of 1-nitropyrene and other direct-acting mutagens extracted from diesel-exhaust particulates. Stärk G, et al. **Mutat Res** 1985 Jan–Feb; 155(1–2):27–33

Toxicity of polycyclic aromatic hydrocarbons. I. Effect of phenanthrene, pyrene, and their ozonized products on blood chemistry in rats. Yoshikawa T, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):218–26

PYRETHRINS

The treatment and eradication of sheep lice and ked with cyhalothrin--a new synthetic pyrethroid. Rundle JC, et al. **Aust Vet J** 1984 Dec;61(12):396-9

The eradication of Damalinia ovis by spraying insecticide onto the tip of the wool. Wilkinson FC. **Aust Vet J** 1985 Jan;62(1):18-20

Evaluation of K-Othrine, a synthetic pyrethroid for insecticidal efficacy against mosquito vectors. Das PK, et al. **Indian J Med Res** 1984 Jul;80:74-7

Comparative efficacy of synthetic pyrethroids, natural pyrethrins and DDT against mosquito larvae. Verma KV, et al. **J Commun Dis** 1984 Jun;16(2):144-7

Toxicity of three isomeric mixtures of resmethrin to resistant and susceptible house flies (Diptera: Muscidae). Golenda CF, et al. **J Econ Entomol** 1984 Oct;77(5):1105-9

Fenvalerate cross-resistance in a resmethrin-selected strain of the house fly (Diptera: Muscidae). Golenda CF, et al. **J Econ Entomol** 1985 Feb;78(1):19-24

ULV application of pyrethroid insecticides for Musca domestica in Cairo. Bekheit SS, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):401-5

Efficacy of permethrin as a repellent and toxicant for personal protection against the Pacific Coast tick and the Pajaroello tick (Acari: Ixodidae and Argasidae). Lane RS, et al. **J Med Entomol** 1984 Nov 29;21(6):692-702

[Experimental observation on the effectiveness of pirimiphosmethyl and decamethrin against Anopheles sinensis] Yang BJ, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1985;3(1):42-4 (Eng. Abstr.) **(Chi)**

[Results of the use of ear tags impregnated with pyrethrins (permethrin) in glossina control] Mayer J, et al. **Rev Elev Med Vet Pays Trop** 1984;37(3):290-2 (Eng. Abstr.) **(Fre)**

[Results of a control campaign against river tsetse flies in Burkina using deltamethrin-impregnated screens] Merot P, et al. **Rev Elev Med Vet Pays Trop** 1984;37(2):175-84 (Eng. Abstr.) **(Fre)**

[Long-term effect of insecticide-bearing ear tags (permethrin and cypermethrin) in controlling flies and tabanids on pasturing cattle in North Germany] Liebisch A. **DTW** 1985 May 7;92(5):186-91 (Eng. Abstr.) **(Ger)**

ADMINISTRATION & DOSAGE

The treatment and eradication of sheep lice and ked with cyhalothrin--a new synthetic pyrethroid. Rundle JC, et al. **Aust Vet J** 1984 Dec;61(12):396-9

Prophylactic efficiency and longevity of polyvinyl chloride strips containing permethrin for control of northern fowl mites (Acari: Macronyssidae) on caged chickens. Hall RD, et al. **J Econ Entomol** 1984 Oct;77(5):1224-8

Chin-ball application of permethrin to cows for horn fly (Diptera: Muscidae) control. Harvey TL, et al. **J Econ Entomol** 1984 Jun;77(3):655-6

ADVERSE EFFECTS

Effects of a pour-on insecticidal formulation on sheep skin. Britt AG, et al. **Aust Vet J** 1984 Oct;61(10):329-30

Statistical validation for synthetic pyrethroid analysis [letter] Tucker SB, et al. **J Occup Med** 1985 Jul;27(7):468-9

ANALYSIS

Crop groupings: a survey of its possibilities for deltamethrin registrations. Mestres G, et al. **Arch Environ Contam Toxicol** 1985 May;14(3):321-4

Residues of cypermethrin in milk from cows wearing impregnated ear tags. Braun HE, et al. **Bull Environ Contam Toxicol** 1985 Jul;35(1):61-4

Contamination and effects in freshwater ditches resulting from an aerial application of cypermethrin. Shires SW, et al. **Ecotoxicol Environ Safety** 1985 Apr;9(2):145-58

METABOLISM

Interactions of pyrethroids with phosphatidylcholine liposomal membranes. Stelzer KJ, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):361-8

Interactions of pyrethroids with phosphatidylcholine bilayers: comparisons in liposomal systems exhibiting large or small radii of curvature. Stelzer KJ, et al. **Chem Biol Interact** 1985 Jun;54(1):105-16

Pyrethroid-receptor interactions: stereospecific binding and effects on sodium channels in mouse brain preparations. Soderlund DM. **Neurotoxicology** 1985 Summer;6(2):35-46

In vitro covalent binding of cismethrin, bioresmethrin, and their common alcohol to hepatic proteins. Hoellinger H, et al. **Toxicol Appl Pharmacol** 1985 Jan;77(1):11-8

Cypermethrin concentrations in hair of cattle after application of impregnated ear tags. Taylor SM, et al. **Vet Rec** 1985 Jun 8;116(23):620

PHARMACODYNAMICS

Reduced calcium sensitivity of the sodium channel and the Na+/Ca2+ exchange system in the Kdr-type, DDT and pyrethroid resistant German cockroach, Blattella germanica. Rashatwar S, et al. **Comp Biochem Physiol [C]** 1985;81(1):97-103

Comparing residue exposure and topical application techniques for assessing permethrin resistance in house flies (Diptera: Muscidae). Hinkle NC, et al. **J Econ Entomol** 1985 Jun;78(3):722-4

Effects of pyrethroids on lymphocyte membrane lipid packing order. Stelzer KJ, et al. **J Immunopharmacol** 1984; 6(4):389-410

Cytogenetic effects of pesticides. III. Induction of micronuclei in mouse bone marrow by the insecticides cypermethrin and rotenone. Amer SM, et al. **Mutat Res** 1985 Mar;155(3):135-42

Deltamethrin infusion into different sites in the neuraxis of freely-moving rats. Brodie ME. **Neurobehav Toxicol Teratol** 1985 Jan-Feb;7(1):51-5

Pyrethroids and neuroactive pesticides. Proceedings of the Third International Conference on Neurotoxicity of Selected Chemicals. September 9-12, 1984, Little Rock, Arkansas. **Neurotoxicology** 1985 Summer;6(2):1-291

Interactions of pyrethroid and cyclodiene insecticides with nicotinic acetylcholine and GABA receptors. Eldefrawi ME, et al. **Neurotoxicology** 1985 Summer;6(2):47-62

Two mechanisms of pyrethroid action: electrophysiological and pharmacological evidence. Gammon DW, et al. **Neurotoxicology** 1985 Summer;6(2):63-85

Interactions of pyrethroid insecticides with chloride ionophore-associated binding sites. Lawrence LJ, et al. **Neurotoxicology** 1985 Summer;6(2):87-98 (22 ref.)

Comparative effects of pyrethroids on neurons of target and non-target organisms. Leake LD, et al. **Neurotoxicology** 1985 Summer;6(2):99-116

Nerve membrane ionic channels as the primary target of pyrethroids. Narahashi T. **Neurotoxicology** 1985 Summer; 6(2):3-22

Physicochemical properties of pyrethroids and specific action-potential changes. Nishimura K, et al. **Neurotoxicology** 1985 Summer;6(2):117-26

The interaction of pyrethroids with voltage-dependent Na channels. Vijverberg HP, et al. **Neurotoxicology** 1985 Summer;6(2):23-34

Effects of pyrethroids on lymphocyte mitogenic responsiveness. Stelzer KJ, et al. **Res Commun Chem Pathol Pharmacol** 1984 Oct; 46(1):137-50

[Synthetic pyrethroid insecticides and development of resistance to them] Shono T. **Sangyo Ika Daigaku Zasshi** 1984 Dec 1;6(4):423-32 (Eng. Abstr.) **(Jpn)**

[Effect of permethrin and borax in food poisons on selected insects of hygienic importance] Krzemińska A, et al. **Rocz Panstw Zakl Hig** 1984;35(3):283-7 (Eng. Abstr.) **(Pol)**

THERAPEUTIC USE

Pediculosis and the pediatrician. Rasmussen JE. **Pediatr Dermatol** 1984 Jul;2(1):74-9

Use of pyrethroid impregnated tags in the control of sheep headfly disease. Appleyard WT, et al. **Vet Rec** 1984 Nov 3;115(18):463-4

TOXICITY

Primary irritant contact dermatitis from synthetic pyrethroid insecticide exposure. Flannigan SA, et al. **Arch Toxicol** 1985 Feb;56(4):288-94

Interaction of DDT and pyrethroids with calmodulin and its significance in the expression of enzyme activities of phosphodiesterase. Rashatwar SS, et al. **Biochem Pharmacol** 1985 May 15;34(10):1689-94

Synthetic pyrethroid insecticides: a dermatological evaluation. Flannigan SA, et al. **Br J Ind Med** 1985 Jun; 42(6):363-72

Toxicity of the pyrethroid insecticides cypermethrin and WL85871 to the earthworm, Eisenia foetida savigny. Inglesfield C. **Bull Environ Contam Toxicol** 1984 Nov; 33(5):568-70

Acute and residual toxicity of a new pyrethroid insecticide, WL85871, to honey-bees. Murray A. **Bull Environ Contam Toxicol** 1985 Apr;34(4):560-4

Toxicity of a new pyrethroid insecticide, WL85871, to rainbow trout. Shires SW. **Bull Environ Contam Toxicol** 1985 Jan;34(1):134-7

Methyl parathion and fenvalerate toxicity in American kestrels: acute physiological responses and effects of cold. Rattner BA, et al. **Can J Physiol Pharmacol** 1984 Jul; 62(7):787-92

Effects of aerial applications of cypermethrin and demeton-S-methyl on nontarget arthropods of wheat. Shires SW. **Ecotoxicol Environ Safety** 1985 Aug;10(1):1-11

Correlations between in vitro and in vivo mechanisms of pyrethroid insecticide action. Gammon DW. **Fundam Appl Toxicol** 1985 Feb;5(1):9-23 (34 ref.)

Neuropharmacologic and neuropathologic effect of fenvalerate in mice and rats. Parker CM, et al. **Fundam Appl Toxicol** 1985 Apr;5(2):278-86

Six-month feeding study of fenvalerate in dogs. Parker CM, et al. **Fundam Appl Toxicol** 1984 Aug;4(4):577-86

Inhibition of cutaneous paresthesia resulting from synthetic pyrethroid exposure. Tucker SB, et al. **Int J Dermatol** 1984 Dec;23(10):686-9

Resistance of horn flies (Diptera: Muscidae) to permethrin and fenvalerate. Schmidt CD, et al. **J Econ Entomol** 1985 Apr;78(2):402-6

Rapid development of high-level permethrin resistance in a field-collected strain of the house fly (Diptera: Muscidae) under laboratory selection. Scott JG, et al. **J Econ Entomol** 1985 Apr;78(2):316-9

The evaluation of a new synthetic pyrethroid pesticide (permethrin) for neurotoxicity. Dyck PJ, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4-5):109-17

Effects of 5,5-diphenylhydantoin (phenytoin) on neurobehavioral toxicity of organochlorine insecticides and permethrin. Tilson HA, et al. **J Pharmacol Exp Ther** 1985 May;233(2):285-9

Toxicity of fenvalerate to developing steelhead trout following continuous or intermittent exposure. Curtis LR, et al. **J Toxicol Environ Health** 1985;15(3-4):445-57

In vitro effects of pyrethroids on rat brain and liver ATPase activities. Rao KS, et al. **J Toxicol Environ Health** 1984; 14(2-3):257-65

Pyrethroid structure-toxicity relationships in mammals. Gray AJ. **Neurotoxicology** 1985 Summer;6(2):127-37 (21 ref.)

Pyrethroid-mediated skin sensory stimulation characterized by a new behavioral paradigm. Cagen SZ, et al. **Toxicol Appl Pharmacol** 1984 Nov;76(2):270-9

[Evaluation of the reproductive function of rats exposed to the insecticide neopinamine] Shepel'skaia NR. **Gig Sanit** 1985 Apr;(4):92-3 **(Rus)**

[Effect of cymbush on embryogenesis in rats] Voronina VM. **Gig Sanit** 1984 Oct;(10):70-1 **(Rus)**

PYRETHRUM

Comparative efficacy of synthetic pyrethroids, natural pyrethrins and DDT against mosquito larvae. Verma KV, et al. **J Commun Dis** 1984 Jun;16(2):144-7

PYREXIA see FEVER

PYRIDAZINES

Initiation of luminol-based luminescence by injection of a single reagent, coupled with enhancement of light-output. Wood WG, et al. **J Clin Chem Clin Biochem** 1985 Jan; 23(1):47-9

ADMINISTRATION & DOSAGE

Effects of pildralazine alone and in combination on severe hypertension and cerebrovascular lesions in saline-drinking spontaneously hypertensive rats. Dorigotti L, et al. **Arzneimittelforsch** 1984;34(8):876-9

A dose-finding study of the combination of pindolol, clopamide and endralazine in the treatment of moderate-to-severe hypertension. Seedat YK, et al. **S Afr Med J** 1984 Nov 3;66(18):682-4

ADVERSE EFFECTS

Hand harvester exposure to maleic hydrazide (MH) in flue-cured tobacco. Herman ND, et al. **Bull Environ Contam Toxicol** 1985 Apr;34(4):469-75

ANALYSIS

Applicator exposure to maleic hydrazide (MH) in flue-cured tobacco. Hunt TW, et al. **Bull Environ Contam Toxicol** 1985 Mar;34(3):403-6

Movement of bromacil and norflurazon in a sandy soil in Florida. Singh M, et al. **Bull Environ Contam Toxicol** 1985 Aug;35(2):279-84

HPLC--residue analysis of the herbicide pyridate in cereals. Lindner W, et al. **Int J Environ Anal Chem** 1983; 16(3):205-18

Gas-liquid chromatographic determination of azintamide (Ora-gallin) in pharmaceutical formulations. Abdel-Moety EM. **J Chromatogr** 1985 May 24;324(2):475-9

High-performance liquid chromatographic separation of cadralazine from its potential metabolites and degradation products. Quantitation of the drug in human plasma and urine. Crolla T, et al. **J Chromatogr** 1984 Sep 14; 310(1):139-49

Degradative behavior of cadralazine in aqueous solution. Visconti M, et al. **J Pharm Sci** 1984 Dec;73(12):1812-5

ANTAGONISTS & INHIBITORS

The sedative effects of CL 218,872, like those of chlordiazepoxide, are reversed by benzodiazepine antagonists. File SE, et al. **Psychopharmacology (Berlin)** 1985;85(3):295-300

BLOOD

Determination of 4,5-dihydro-6-[4-(1H-imidazol-1-yl) phenyl]-3(2H)-pyridazinone hydrochloride, a new cardiotonic, in plasma and urine by reversed-phase high-performance liquid chromatography. Hayes AG, et al. **J Chromatogr** 1984 Dec 12;336(2):446-51

CHEMICAL SYNTHESIS

Preparation of 1-(1,4,5,6-tetrahydro-1,2,4-triazinyl)phthalazine derivatives possessing antihypertensive properties. Kolwas J. **Acta Pol Pharm** 1984;41(4):405-10

New 2-substituted derivatives of 5-aminomethyl-6-/p-chlorophenyl/-4,5-dihydro-2H-pyr Zabska R, et al. **Arch Immunol Ther Exp (Warsz)** 1984; 32(3):263-8

Chemical structure and hemodynamic effects of two new pyridazinone derivatives. Eschalier A, et al. **Farmaco [Sci]** 1985 Mar;40(3):200-8

Mesoionic pyridazine ribonucleosides. A novel biologically active nucleoside metabolite. Bambury RE, et al. **J Med Chem** 1984 Dec;27(12):1613-21

Tetracyclic pyridazines as potential psychopharmacological agents. Ross BS, et al. **J Med Chem** 1985 Jul;28(7):870-5

7-(Ethoxycarbonyl)-6,8-dimethyl-2-phenyl-1(2H)-phthal derivatives: synthesis and inhibitory effects on platelet aggregation. Sugimoto A, et al. **J Med Chem** 1984 Oct; 27(10):1300-5

[Thiophene as a structural element in physiologically active substances. 15. Thiophene analogs of an anxiolytic acting 1,2,4-triazolo[4,3-b]pyridazine] Binder D, et al. **Arch Pharm (Weinheim)** 1985 Mar;318(3):243-9 (Eng. Abstr.) **(Ger)**

DIAGNOSTIC USE

Pattern of formylmethionyl-leucyl-phenylalanine-induced luminol- and lucigenin-dependent chemiluminescence in human neutrophils. Dahlgren C, et al. **Infect Immun** 1985 Jan;47(1):326-8

In vitro determination of phagocyte activity by luminol- and lucigenin-amplified chemiluminescence. Müller-Peddinghaus R. **Int J Immunopharmacol** 1984; 6(5):455-66

METABOLISM

Pharmacokinetics of a new antihypertensive pyrrolyl pyridazinamine (MDL-899) in the rat and the dog. Assandri A, et al. **Arzneimittelforsch** 1985;35(2):508-13

Co-oxidation of luminol by hypochlorite and hydrogen peroxide implications for neutrophil chemiluminescence. Brestel EP. **Biochem Biophys Res Commun** 1985 Jan 16; 126(1):482-8

Phenols as enhancers of the chemiluminescent horseradish peroxidase-luminol-hydrogen peroxide reaction: application in luminescence-monitored enzyme immunoassays. Thorpe GH, et al. **Clin Chem** 1985 Aug; 31(8):1335-41

The in vitro metabolism of hydralazine. Streeter AJ, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):255-9

Clinical pharmacological studies with the vasodilator endralazine in patients with renal impairment. Elliott HL, et al. **Eur J Clin Pharmacol** 1984;27(2):159-63

Metabolism of an antiallergic agent, azelastine (4-(p-chlorobenzyl)-2-[N-methylperhydroazepinyl-(4)]-1 hthalazin one hydrochloride) in rats and guinea pigs. Tatsumi K, et al. **Hiroshima J Med Sci** 1984 Dec; 33(4):669-78

Benzodiazepine receptor binding and anticonflict activity in a series of 3,6-disubstituted pyridazino[4,3-c]isoquinolines devoid of anticonvulsant properties. Toja E, et al. **J Med Chem** 1985 Sep;28(9):1314-9

Circulating and brain metabolites of minaprine in the baboon. Davi H, et al. **Xenobiotica** 1985 Feb;15(2):97-106

[Autoradiographic studies of the distribution of 14C-endralazine in the mouse] Kindler J, et al. **Arzneimittelforsch** 1985;35(3):599-602 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Comparison between luminol- and lucigenindependent chemiluminescence of polymorphonuclear leukocytes. Aniansson H, et al. **Acta Pathol Microbiol Immunol Scand** [C] 1984 Dec; 92(6):357-61

Effects of histamine agonists and antagonists on luminol-dependent chemiluminescence of granulocytes. Ozaki Y, et al. **Agents Actions** 1984 Oct;15(3-4):182-8

Investigations on derivatives of 5-aminomethyl-6-/p-chloro-phenyl/-4, 5-dihydro-2H-pyridazin-3-one. Zabska R, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(3):255-61

Hemodynamic profile of the antihypertensive vasodilator cadralazine in conscious dogs. Dorigotti L, et al. **Arzneimittelforsch** 1984;34(9):984-7

Effect on contractility of skinned fibres from mammalian heart and smooth muscle by a new benzimidazole derivative, 4,5-dihydro-6-[2-(4-methoxyphenyl)-1H-benzimidazol-5 l-3(2H)- pyridazinone. Rüegg JC, et al. **Arzneimittelforsch** 1984;34(12):1736-8

Cardiovascular effects of the positive inotropic agents pimobendan and sulmazole in vivo. von Meel JC. **Arzneimittelforsch** 1985;35(2A):284-8

Pharmacological studies of N-(2,5-dimethyl-1H-pyrrol-1-yl)-6-(4-morpholinyl)-3-p hydrochloride (MDL-899), a new long-acting antihypertensive vasodilator. Baldoli E, et al. **Arzneuaittelforschung** 1985;35(5):818-26

Effects of 7-ethoxycarbonyl-4-hydroxymethyl-6,8-dimethyl-1(2H)- (EG 626), a new phosphodiesterase inhibitor, on the cardiovascular system of the dog. Furuta Y, et al. **Arzneimittelforschung** 1985;35(5):827-32

Luminol-dependent chemiluminescence produced by neutrophils stimulated by immune complexes. Cheung K, et al. **Aust J Exp Biol Med Sci** 1984 Aug;62 (Pt 4):403-19

Altered blood pressure response to propyldazine after repeated oral administration in conscious normotensive dogs: role of the renin-angiotensin system. Bacher S, et al. **Basic Res Cardiol** 1984 Sep-Oct;79(5):588-97

Simultaneous detection of native and luminol-dependent luminescence of stimulated human polymorphonuclear leukocytes. Roschger P, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1047-53

Elevation of molybdenum hydroxylase levels in rabbit liver after ingestion of phthalazine or its hydroxylated metabolite. Johnson C, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3699-705

In vitro synergistic activity of some chinolinic compounds combined with beta-lactam antibiotics against gram-positive and gram-negative clinical isolates. Ravagnan G, et al. **Chemotherapy** 1985;31(3):191-9

Haemodynamic effects of loud noise in hypertensive patients treated with combined beta-adrenoceptor blockade and precapillary vasodilatation. Eggertsen R, et al. **Eur Heart J** 1984 Jul;5(7):556-60

Inhibition of allergic histamine release by azelastine and selected antiallergic drugs from rabbit leukocytes. Chand N, et al. **Int Arch Allergy Appl Immunol** 1985;77(4):451-5

Biological properties of the angiotensin-converting enzyme inhibitor cilazapril. Natoff IL, et al. **J Cardiovasc Pharmacol** 1985 May-Jun;7(3):569-80

Effects of acute and chronic treatment on the pro- and anti-convulsant actions of CL 218, 872, PK 8165 and PK 9084, putative ligands for the benzodiazepine receptor. File SE, et al. **J Pharm Pharmacol** 1985 Apr;37(4):252-6

CM 40907: a structurally novel anticonvulsant in mice, rats and baboons. Chambon JP, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):836-44

Pharmacodynamic and pharmacokinetic studies on prizidilol and nipradilol (K-351), antihypertensive drugs with combined vasodilator and beta-adrenoceptor blocking actions, in rabbits. Kawashima K, et al. **Jpn J Pharmacol** 1984 Dec;36(4):519-26

Properties of ICI 128,436, a novel aldose reductase inhibitor, and its effects on diabetic complications in the rat. Stribling D, et al. **Metabolism** 1985 Apr;34(4):336-44

Agonist and inverse agonist effects of CL 218872 on benzodiazepine receptors. Gardner CR. **Neurosci Lett** 1984 Sep 28;51(1):1-6

Comparison between the luminol-dependent chemiluminescence of polymorphonuclear leukocytes and of the myeloperoxidase-HOOH system: influence of pH, cations and protein. Dahlgren C, et al. **Photochem Photobiol** 1985 May;41(5):605-10

An arylaminopyridazine derivative of gamma-aminobutyric acid (GABA) is a selective and competitive antagonist at the GABAA receptor site. Chambon JP, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1832-6

Enhanced prostacyclin biosynthesis and decreased thromboxane formation by 3-dimethylamino 5-(2',6'-dichlorobenzylidene) 6-methyl (4H)-pyridazine (PC 89). Pham HC, et al. **Prostaglandins Leukotrienes Med** 1985 Jul;19(1):37-49

A comparison between chlordiazepoxide and CL 218,872--a synthetic nonbenzodiazepine ligand for benzodiazepine receptors on spontaneous locomotor activity in rats. McElroy JF, et al. **Psychopharmacology (Berlin)** 1985; 85(2):224-6

[Sedative effects of a new series of pyridazinones] Taoufik J, et al. **Ann Pharm Fr** 1984;42(2):135-44 (Eng. Abstr.) **(Fre)**

[Cardiocirculatory effects of a new sympathomimetic, amezinium methyl sulfate. Results of human pharmacological studies] Schaps D, et al. **Anaesthesist** 1985 Feb;34(2):79-84 (Eng. Abstr.) **(Ger)**

[The mechanism of luminol-dependent chemiluminescence of polymorphonuclear neutrophils] Morishita Y, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Aug;47(5):1070-81 (Eng. Abstr.) **(Jpn)**

[New 1,2-diazine derivatives with antimicrobial and anti-inflammatory action] Ungureanu M, et al. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct-Dec; 88(4):709-11 (Eng. Abstr.) **(Rum)**

THERAPEUTIC USE

Long-term beneficial effects of endralazine, a new arteriolar vasodilator at rest and during exercise capacity in chronic congestive heart failure. Quyyumi AA, et al. **Am J Cardiol** 1984 Nov 1;54(8):1020-4

Cadralazine, a new vasodilator, in addition to a beta-blocker for long-term treatment of hypertension. Salvadeo A, et al. **Arzneimittelforsch** 1985;35(3):623-5

Controlled clinical trial of cadralazine as a second-step drug in the treatment of hypertension. Catalano M, et al. **Eur J Clin Pharmacol** 1985;28(2):135-8

Cardiovascular response to mental stress: dynamic and isometric exercise in hypertensive patients treated with prizidilol hydrochloride (SK&F 92657). Costa FV, et al. **Int J Clin Pharmacol Res** 1984;4(5):373-9

Minaprine for senile dementia [letter] Passeri M, et al. **Lancet** 1985 Apr 6;1(8432):824

Management of the urethral syndrome in general practice. Pelta DE, et al. **Practitioner** 1985 Jan;229(1399):47-9

[Therapeutic use of amezinium methylsulfate--a new, long acting, sympathomimetic--in paraspinal conduction anesthesia] Schaps D, et al. **Anasth Intensivther Notfallmed** 1984 Oct;19(5):235-9 (Eng. Abstr.) **(Ger)**

[Antihypertensive pharmacotherapy with the vasodilators captopril and endralazine] Hartmann HG, et al. **Schweiz Med Wochenschr** 1985 Jul 9;115(27-28):939-44 (Eng. Abstr.) **(Ger)**

[Preventive treatment of recurrent cystitis in women. Double-blind randomized study using cinoxacin and placebo] Martorana G, et al. **Minerva Urol Nefrol** 1984 Jan-Mar;36(1):43-9 (Eng. Abstr.) **(Ita)**

[Long-term cinoxacin therapy for chronic complicated urinary tract infection] Ueyama H. **Hinyokika Kiyo** 1984 Jun;30(6):849-55 (Eng. Abstr.) **(Jpn)**

[Minaprine] Rubio A, et al. **Rev Med Univ Navarra** 1984 Dec; 28(4):47-8 **(Spa)**

TOXICITY

Discolouration of the optic disc in baboons during treatment with prizidilol (SK&F 92657), a novel antihypertensive agent. Barnett KC, et al. **Hum Toxicol** 1985 Jul;4(4):417-24

Carcinogenic activity in mice of diftalone, an anti-inflammatory agent. Della Porta G, et al. **J Cancer Res Clin Oncol** 1984;108(3):308-11

Heat-shocks prior to treatment of Vicia faba root-tip meristems with maleic hydrazide or TEM reduce the yield of chromatid aberrations. Rieger R, et al. **Mutat Res** 1985 May-Jun;143(1-2):79-82

URINE

Time-dependent elimination of cinoxacin in rats. Koike M, et al. **J Pharm Sci** 1984 Dec;73(12):1697-700

PYRIDINE ALDOXIME METHYL COMPOUNDS see **PRALIDOXIME COMPOUNDS**

PYRIDINES

Deglycosylation of chondroitin sulfate proteoglycan by hydrogen fluoride in pyridine. Olson CA, et al. **Anal Biochem** 1985 Apr;146(1):232-7

Spectrophotometric determination of zinc with biacetyl mono(2-pyridyl)hydrazone with application to its determination in tap waters and in alkali and alkaline earth metal chemicals. Rosales D, et al. **Analyst** 1985 Jun; 110(6):701-4

Preparation of cathepsins B and H by covalent chromatography and characterization of their catalytic sites by reaction with a thiol-specific two-protonic-state reactivity probe. Kinetic study of cathepsins B and H extending into alkaline media and a rapid spectroscopic titration of cathepsin H at pH 3-4. Willenbrock F, et al. **Biochem J** 1985 Apr 15;227(2):511-9

Failure of SKF 38393-A to relieve parkinsonian symptoms induced by 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine in the marmoset. Close SP, et al. **Br J Pharmacol** 1985 Jun;85(2):320-2

MPTP primate model of Parkinson's disease: a mechanographic and electromyographic study. Doudet D, et al. **Brain Res** 1985 May 27;335(1):194-9

Molecular analysis of hexahydro-1H-indeno[1,2-b]pyridines: potential antidepressants. Kunstmann R, et al. **J Med Chem** 1984 Oct;27(10):1312-6

Kinetic steric factors and connectivity indices. Schug JC, et al. **J Pharm Sci** 1984 Oct;73(10):1472-7

Parkinson's disease. Clues to aetiology from a toxin [news] Snyder SH. **Nature** 1984 Oct 11-17;311(5986):514

Safety and handling of MPTP [letter] Irwin I, et al. **Neurology** 1985 Apr;35(4):619

[Mercaptopyridinecarboxylic acids. Determination of acidity constants of 6-mercapto-3-pyridinecarboxylic acid] Thunus L, et al. **Ann Pharm Fr** 1984;42(1):43-55 (Eng. Abstr.) **(Fre)**

[Use of an Fe3+, 2,2'-dipyridyl reagent system for the identification of aminophenazone (pyramidone) and noramidopyrine (novalgin) metabolites on thin-layer chromatograms] Buhl F, et al. **Acta Pol Pharm** 1985; 42(1):37-43 (Eng. Abstr.) **(Pol)**

ADMINISTRATION & DOSAGE

[Nootropic drugs in the acute period of cerebral stroke] Zinchenko VA, et al. **Vrach Delo** 1985 Jan;(1):85-6 **(Rus)**

ADVERSE EFFECTS

Re: Pyloric stenosis and maternal antihistamine exposure at group health cooperative [letter] Aselton P, et al. **Am J Epidemiol** 1985 Jul;122(1):197

Debendox revisited. Elbourne D, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):780-5

MPTP parkinsonism [editorial] Williams A. **Br Med J [Clin Res]** 1984 Nov 24;289(6456):1401-2

Zinc pyrithione (Zinc Omadine) allergy. Brandrup F, et al. **Contact Dermatitis** 1985 Jan;12(1):50

Allergic contact dermatitis to zinc pyrithione. Goh CL, et al. **Contact Dermatitis** 1984 Aug;11(2):120

Government resists 'irresponsible' Debendox campaign. Deitch R. **Lancet** 1984 Oct 27;2(8409):993

Production in nature of compound resembling methylphenyltetrahydropyridine, a possible cause of Parkinson's disease [letter] Ramsden DB, et al. **Lancet** 1985 Jan 26;1(8422):215-6

Debendox and pregnancy [letter] **Med J Aust** 1984 Dec 8-22; 141(12-13):897-8

The creation of therapeutic orphans--or, what have we learnt from the Debendox fiasco? Sheffield LJ, et al.

Med J Aust 1985 Aug 19;143(4):143-7 (50 ref.)

Congenital heart disease in relation to maternal use of Bendectin and other drugs in early pregnancy. Zierler S, et al. **N Engl J Med** 1985 Aug 8;313(6):347-52

Bendectin/debendox. Drug not guilty, says court [news] Beardsley T. **Nature** 1985 Mar 21-27;314(6008):209

Permanent human parkinsonism due to 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP): seven cases. Ballard PA, et al. **Neurology** 1985 Jul; 35(7):949-56

Intellectual changes in patients with MPTP-induced parkinsonism. Stern Y, et al. **Neurology** 1985 Oct; 35(10):1506-9

Jury clears Bendectin [news] Kolata G. **Science** 1985 Mar 29;227(4694):1559

[Acanthosis nigricans induced by local nicotinic acid] Pascal J, et al. **Ann Dermatol Venereol** 1984;111(8):739-40 **(Fre)**

ANALYSIS

Content of the collagen and elastin cross-links pyridinoline and the desmosines in the human uterus in various reproductive states. Gunja-Smith Z, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):92-5

Electrogenerated chemiluminescent determination of Ru(bpy)3(2+) at low levels. Ege D, et al. **Anal Chem** 1984 Nov;56(13):2413-7

Photoelectroanalytical chemistry: electrochemical detection of a photochemically active species, tris(2,2'-bipyridine)ruthenium(II). Elbicki JM, et al. **Anal Chem** 1985 Jul;57(8):1746-51

Cartilage type IX collagen is cross-linked by hydroxypyridinium residues. Wu JJ, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1033-9

Gas chromatographic determination of clopidol in chicken tissues. Ekström LG, et al. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):955-7

Triprolidine radioimmunoassay: disposition in animals and humans. Findlay JW, et al. **J Pharm Sci** 1984 Oct; 73(10):1339-44

ANTAGONISTS & INHIBITORS

Stimulation of calcium uptake in PC12 cells by the dihydropyridine agonist BAY K 8644. Greenberg DA, et al. **J Neurochem** 1985 Sep;45(3):990-3

Benztropine inhibits toxicity of MPTP in mice [letter] Bradbury AJ, et al. **Lancet** 1985 Jun 22;1(8443):1444-5

Influence of selective, reversible inhibitors of monoamine oxidase on the prolonged depletion of striatal dopamine by 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine in mice. Fuller RW, et al. **Life Sci** 1985 Sep 23;37(12):1089-96

Protection against the dopaminergic neurotoxicity of 1-methyl-4-phenyl-1,2,5,6-tetrahydropyridine by monoamine oxidase inhibitors. Heikkila RE, et al. **Nature** 1984 Oct 4-10;311(5985):467-9

The dopamine D2 agonist LY 141865, but not the D1 agonist SKF 38393, reverses parkinsonism induced by 1 methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) in the common marmoset. Nomoto M, et al. **Neurosci Lett** 1985 Jun 4;57(1):37-41

BIOSYNTHESIS

MPTP-like molecules and Parkinson's disease [letter] Fellman JH, et al. **Lancet** 1985 Apr 20;1(8434):924

BLOOD

The pharmacokinetics in man of SK&F 93319--a new antagonist of histamine H1 and H2 receptors. Johnson P, et al. **Xenobiotica** 1984 Jul;14(7):589-93

CHEMICAL SYNTHESIS

Synthesis of methyl 2- and 4-pyridyl disulfide from 2- and 4-thiopyridone and methyl methanethiosulfonate. Kitson TM, et al. **Anal Biochem** 1985 May 1;146(2):429-30

Studies on potential antiviral compounds, XXIII. 2-(substituted benzoylamino)-3,5-dichloropyridines and isosteric benzamides. Ferranti A, et al. **Arch Pharm (Weinheim)** 1985 Jan;318(1):78-84

2-Acetylpyridine thiosemicarbazones. 10. 2-Propionyl-, 2-butyryl-, and 2-(2-methylpropionyl)pyridine thiosemicarbazones as potential antimalarial agents. Klayman DL, et al. **Arzneimittelforsch** 1984;34(12):1701-3

New derivatives of pyrrolo and pyrido[2,1-b] quinazoline as antiulcer agents. Doria G, et al. **Farmaco [Sci]** 1984 Nov; 39(11):968-78

Bis-pyridoquinolines as new bifunctional intercalators for DNA. Malesani G, et al. **Farmaco [Sci]** 1984 Nov; 39(11):925-34

Synthesis of new 2-(2-phenylethenyl)-4-oxo-4H-pyrido[1,2-a]pyrimidine-7 acids. Passarotti C, et al. **Farmaco [Sci]** 1984 Oct; 39(10):837-45

Synthesis and properties of 3-aminomethyl derivatives of 3H-2-imino-7-methyl-4-oxopyrido-[3,2-e]-1,3-thiazine- and -6-carboxylic acids. Sladowska H, et al. **Farmaco [Sci]** 1985 Jan;40(1):58-64

Imidazo[1,5-a]pyridines: a new class of thromboxane A2 synthetase inhibitors. Ford NF, et al. **J Med Chem** 1985 Feb;28(2):164-70

2-Acetylpyridine thiosemicarbazones XI: 2-(alpha-Hydroxyacetyl)pyridine thiosemicarbazones as antimalarial and antibacterial agents. Klayman DL, et al. **J Pharm Sci** 1984 Dec;73(12):1763-7

Synthesis and tuberculostatic activity of some derivatives of imidazo [4, 5-b]pyridine-1-carboxylic acid. Bukowski L. **Pol J Pharmacol Pharm** 1984 Nov-Dec;36(6):683-8

[Preparation of the disulfide of 3-mercaptopyridine-2-sulfonamide] Lejeune R, et al. **J Pharm Belg** 1984 Jul-Aug;39(4):217-24 (Eng. Abstr.) **(Fre)**

DIAGNOSTIC USE

Simplified and efficient labeling of human platelets in plasma using indium-111-2-mercaptopyridine-N-oxide: preparation and evaluation. Thakur ML, et al. **J Nucl Med** 1985 May;26(5):510-7

Evaluation of indium-111-2-mercaptopyridine-N-oxide for labeling leukocytes in plasma: a kit preparation. Thakur ML, et al. **J Nucl Med** 1985 May;26(5):518-23

[Usefulness of 1,0% Tropicamide (Polfa) in testing ocular refraction in children] Reichhartowa T. **Klin Oczna** 1984 Oct;86(10):451-2 (Eng. Abstr.) **(Pol)**

METABOLISM

The presence, synthesis and disposition of quinolinic acid in the central nervous system: developmental studies. Lombardi G, et al. **Ann Ist Super Sanita** 1984;20(1):79-83

The time course of the interaction of sheep liver cytoplasmic aldehyde dehydrogenase with 2,2'- and 4,4'-dithiodipyridine: a comparison with the action of disulfiram. Kitson TM. **Arch Biochem Biophys** 1984 Nov 1;234(2):487-96

Metabolism of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) in mouse liver preparations. Baker JK, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):484-90

Effects of mercaptans upon dihydropyridine binding sites on transverse tubules isolated from triads of rabbit skeletal muscle. Brandt NR, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):205-12

Active uptake of MPP+, a metabolite of MPTP, by brain synaptosomes. Chiba K, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1228-32

High and low affinity states of the dihydropyridine and phenylalkylamine receptors on the cardiac calcium channel and their interconversion by divalent cations. Ptasienski J, et al. **Biochem Biophys Res Commun** 1985 Jun 28; 129(3):910-7

Oxidation of the neurotoxic amine 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) by monoamine oxidases A and B and suicide inactivation of the enzymes by MPTP. Salach JI, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):831-5

Profile of the oppositely acting enantiomers of the dihydropyridine 202-791 in cardiac preparations: receptor binding, electrophysiological, and pharmacological studies. Williams JS, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):13-21

Natural structural variation in enzymes as a tool in the study of mechanism exemplified by a comparison of the catalytic-site structure and characteristics of cathepsin B and papain. pH-dependent kinetics of the reactions of cathepsin B from bovine spleen and from rat liver with a thiol-specific two-protonic-state probe (2,2'-dipyridyl disulphide) and with a specific synthetic substrate (N-alpha-benzyloxycarbonyl-L-arginyl-L-arginine 2-naphthylamide). Willenbrock F, et al. **Biochem J** 1984 Sep 15;222(3):805-14

Inhibition of [3H] MPTP binding to rat brain by pargyline. Del Zompo M, et al. **Biochem Pharmacol** 1984 Dec 15; 33(24):4105-7

Mass spectral characterization of doxylamine and its rhesus monkey urinary metabolites. Holder CL, et al. **Biomed Mass Spectrom** 1985 Apr;12(4):151-8

Pseudoephedrine and triprolidine in plasma and breast milk of nursing mothers. Findlay JW, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):901-6

Localization in rat brain of binding sites for parkinsonian toxin MPTP: similarities with [3H]pargyline binding to monoamine oxidase. Rainbow TC, et al. **Brain Res** 1985 Mar 25;330(2):337-42

Immunological titration of 3-N-acetyl-hydroxyamino-4,6-dimethyldipyrido(1,2-a:3', imidazole-rat liver DNA adducts. Hebert E, et al. **Carcinogenesis** 1985 Jun;6(6):937-9

Bioavailability of pseudoephedrine and triprolidine from combination and single-ingredient products. Williams BO, et al. **Clin Pharm** 1984 Nov-Dec;3(6):638-43

Studies on the molecular mechanism of bioactivation of the selective nigrostriatal toxin 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine. Chiba K, et al. **Drug Metab Dispos** 1985 May-Jun;13(3):342-7

Deprenyl selectively inhibits [3H]MPTP binding sites in monkey brain. Del Zompo M, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):285-6

High-affinity binding sites for [3H]MPTP may correspond to monamine oxidase. Parsons B, et al. **Eur J Pharmacol** 1984 Jul 13;102(2):375-7

Metabolism of the neurotoxin in MPTP by human liver monoamine oxidase B. Fritz RR, et al. **FEBS Lett** 1985 Jul 8;186(2):224-8

Further insight into the mode of action of the neurotoxin 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP). Gessner W, et al. **FEBS Lett** 1985 Apr 22;183(2):345-8

Tissue residues of clopidol (3,5-dichloro-2,6-dimethyl-4-pyridinol) in chickens in relation to withdrawal times. Ekström LG, et al. **Food Addit Contam** 1984 Jan-Mar;1(1):17-22

The aerobic reduction of Fe(III) complexes by hemoglobin and myoglobin. Eguchi LA, et al. **J Biol Chem** 1984 Dec 10;259(23):14337-8

The 1,4-dihydropyridine receptor: a regulatory component of the Ca2+ channel. Triggle DJ, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 7:S949-55 (62 ref.)

2,2-dipyridyl binding to metal substituted horse liver alcohol dehydrogenase. Syvertsen C, et al. **J Inorg Biochem** 1984 Sep;22(1):43-53

Synthesis and dihydropteridine reductase inhibitory effects of potential metabolites of the neurotoxin 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine. Gessner W, et al. **J Med Chem** 1985 Mar;28(3):311-7

Metabolism of the nigrostriatal toxin 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine by liver homogenate fractions. Weissman J, et al. **J Med Chem** 1985 Aug;28(8):997-1001

1-Piperideine as an in vivo precursor of the gamma-aminobutyric acid homologue 5-aminopentanoic acid. Callery PS, et al. **J Neurochem** 1985 Sep;45(3):946-8

Biosynthesis of 5-aminopentanoic acid and 2-piperidone from cadaverine and 1-piperideine in mouse. Callery PS, et al. **J Neurochem** 1984 Dec;43(6):1631-4

Studies on the oxidation of the dopaminergic neurotoxin 1-methyl-4-phenyl-1,2,5,6-tetrahydropyridine by monoamine oxidase B. Heikkila RE, et al. **J Neurochem** 1985 Oct;45(4):1049-54

Improved delivery through biological membranes XIX: Novel redox carriers for brain-specific chemical delivery systems. Bodor N, et al. **J Pharm Sci** 1985 Mar;74(3):241-5

Steady-state bioavailability of dexbrompheniramine and pseudoephedrine from a repeat-action combination tablet. Lin CC, et al. **J Pharm Sci** 1985 Jan;74(1):25-8

Dihydropyridine binding sites on transverse tubules isolated from triads of rabbit skeletal muscle. Brandt NR, et al. **J Recept Res** 1985;5(2-3):155-70

Aetiology of Parkinson's disease [letter] Bocchetta A, et al. **Lancet** 1985 Jan 12;1(8420):112-3

Methyltetrahydro-beta-carbolines and Parkinson's disease. Ohkubo S, et al. **Lancet** 1985 Jun 1;1(8440):1272-3

Budipine and the MPTP binding site [letter] Przuntek H, et al. **Lancet** 1985 Jul 6;2(8445):35-6

Normal MPTP binding in parkinsonian substantial nigra: evidence for extraneuronal toxin conversion in human brain. Uhl GR, et al. **Lancet** 1985 Apr 27;1(8435):956-7

Potential bioactivation pathways for the neurotoxin 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP). Castagnoli N Jr, et al. **Life Sci** 1985 Jan 21;36(3):225-30

Differences in the metabolism of MPTP in the rodent and primate parallel differences in sensitivity to its neurotoxic effects. Johannessen JN, et al. **Life Sci** 1985 Jan 21; 36(3):219-24

Inhibition of NADH-linked oxidation in brain mitochondria by 1-methyl-4-phenyl-pyridine, a metabolite of the neurotoxin, 1-methyl-4-phenyl-1,2,5,6-tetrahydropyridine. Nicklas WJ, et al. **Life Sci** 1985 Jul 1;36(26):2503-8

Kinetics of binding of membrane-active drugs to receptor sites. Diffusion-limited rates for a membrane bilayer approach of 1,4-dihydropyridine calcium channel antagonists to their active site. Rhodes DG, et al. **Mol Pharmacol** 1985 Jun;27(6):612-23

A functional correlate for the dihydropyridine binding site in rat brain. Middlemiss DN, et al. **Nature** 1985 Mar 7-13; 314(6006):94-6

Dihydropyridine receptors in muscle are voltage-dependent but most are not functional calcium channels. Schwartz LM, et al. **Nature** 1985 Apr 25-May 1;314(6013):747-51

(-)-3H-desmethoxyverapamil labelling of putative calcium channels in brain: autoradiographic distribution and allosteric coupling to 1,4-dihydropyridine and diltiazem binding sites. Ferry DR, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Sep; 327(2):183-7

Similar distribution of monoamine oxidase (MAO) and parkinsonian toxin (MPTP) binding sites in human brain. Reznikoff G, et al. **Neurology** 1985 Oct;35(10):1415-9

Conversion of the neurotoxic precursor 1-methyl-4-phenyl-1,2,5,6-tetrahydropyridine into its pyridinium metabolite by human platelet monoamine oxidase type B. Da Prada M, et al. **Neurosci Lett** 1985 Jun 24;57(3):257-62

Parkinsonism-inducing neurotoxin, N-methyl-4-phenyl-1,2,3,6 -tetrahydropyridine: uptake of the metabolite N-methyl-4-phenylpyridine by dopamine neurons explains selective toxicity. Javitch JA, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2173-7

[Bioavailability of pyridine compounds in seeds of Ricinus communis L. at various stages of germination] Bovalini L, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1891-5 (Eng. Abstr.) **(Ita)**

[Determination of iron in saccharomycete yeasts by the dipyridyl method] Kovalev LM, et al. **Biol Nauki** 1984;(12):96-100 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Increase in transmitter release from motor nerve terminals induced by some pyridine derivatives. Montoya GA, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(4):409-18

Sector pupil dilation with phenylephrine and tropicamide. Chang FW, et al. **Am J Optom Physiol Opt** 1985 Jul; 62(7):482-6

The time course of the interaction of sheep liver cytoplasmic aldehyde dehydrogenase with 2,2'- and 4,4'-dithiodipyridine: a comparison with the action of disulfiram. Kitson TM. **Arch Biochem Biophys** 1984 Nov 1;234(2):487-96

Effect of zinc pyrithione on mitotic activity in normal human skin. Pearse AD, et al. **Arch Dermatol Res** 1985; 277(2):118-20

Effects of pyridine and some of its derivatives on prostaglandin synthesis. Sahin I, et al. **Arch Int Pharmacodyn Ther** 1984 Aug;270(2):324-9

The influence of N-methyl-4-phenyl-1,2,3,6-tetrahydropyridine on the levels of dopamine, serotonin and their metabolites in the caudate nucleus of the rat. Russ H, et al. **Arzneimittelforsch** 1985;35(2):481-2

2-[3-(1,1-Dimethylethyl)-5-methoxyphenyloxazolo[4,5-b] a new topical antiinflammatory and analgesic compound lacking systemic activity and gastric side effects. Bonney RJ, et al. **Arzneimittelforschung** 1985;35(4):715-20

The concurrent application of ophthalmic drops. Geyer O, et al. **Aust N Z J Ophthalmol** 1985 Feb;13(1):63-6

The influence of a new compound, PATP, on glucose transport in the isolated fat cell. Brush JS, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):194-9

Pyridine and imidazole reversibly inhibit the respiratory burst in porcine and human neutrophils: evidence for the involvement of cytochrome b558 in the reaction. Iizuka T, et al. **Biochem Biophys Res Commun** 1985 Jul 31; 130(2):621-6

Dihydropyridine sensitive calcium channels in a smooth muscle cell line. Kongsamut S, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):71-9

Calcium channel agonist and antagonist effects of the stereoisomers of the dihydropyridine 202-791. Kongsamut S, et al. **Biochem Biophys Res Commun** 1985 Jul 16; 130(1):141-8

The specific vulnerability of the substantia nigra to MPTP is related to the presence of transition metals. Poirier J, et al. **Biochem Biophys Res Commun** 1985 Apr 16; 128(1):25-33

2-((2-Pyridylmethyl)sulfinyl)benzimidazoles: acid sensitive suicide inhibitors of the proton transport system in the parietal cell. Rackur G, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):477-84

Activation of the voltage-dependent Ca2+ channel in rat heart cells by dihydropyridine derivatives. Renaud JF, et al. **Biochem Biophys Res Commun** 1984 Nov 30; 125(1):405-12

Reversible inhibition and mechanism-based irreversible inactivation of monoamine oxidases by 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP). Singer TP, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):707-12

High concentrations of aldehydes slow the reaction of cytoplasmic aldehyde dehydrogenase with thiol-group modifiers. Kitson TM. **Biochem J** 1985 Jun 15;228(3):765-7

Depletion of cardiac norepinephrine in rats and mice by 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP). Fuller RW, et al. **Biochem Pharmacol** 1984 Oct 1; 33(19):2957-60

Inhibition by dihydropyridine class calcium channel blockers of tumor cell-platelet-endothelial cell interactions in vitro and metastasis in vivo. Honn KV, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):235-41

Stimulation of canine cardiac sarcoplasmic reticulum Ca2+ uptake by dihydropyridine Ca2+ antagonists. Movsesian MA, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):195-201

Effects of dihydropyridine calcium channel blocking drugs on rat brain muscarinic and alpha-adrenergic receptors. Thayer SA, et al. **Biochem Pharmacol** 1985 Jan 15; 34(2):175-80

The alteration of membrane proteins in human erythrocyte membranes induced by quinolinic acid, an endogenous neurotoxin. Correlation of effect with structure. Farmer BT 2d, et al. **Biochim Biophys Acta** 1984 Dec 5;778(2):260-8

Visual motor co-ordination and dynamic visual acuity. Borland RG, et al. **Br J Clin Pharmacol** 1984;18 Suppl 1:69S-72S

Mydriatic drugs for diabetic patients. Huber MJ, et al. **Br J Ophthalmol** 1985 Jun;69(6):425-7

Cardiovascular studies with SK&F 93319, an antagonist of histamine at both H1- and H2-receptors. Harvey CA, et al. **Br J Pharmacol** 1984 Oct;83(2):427-32

Stimulation rate modulates effects of the dihydropyridine CGP 28 392 on cardiac calcium-dependent action potentials. Kamp TJ, et al. **Br J Pharmacol** 1985 Jun; 85(2):523-8

Inferior olivary neurons: 3-acetylpyridine effects on glucose consumption, axonal transport, electrical activity and harmaline-induced tremor. Bernard JF, et al. **Brain Res** 1984 Nov 26;322(2):382-7

Quinolinic acid phosphoribosyltransferase in human and rat brain: activity in Huntington's disease and in quinolinate-lesioned rat striatum. Foster AC, et al. **Brain Res** 1985 Jun 17;336(2):207-14

Inhibition of tyrosine hydroxylation in tissue slices of the rat striatum by 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine. Hirata Y, et al. **Brain Res** 1985 Jun 24;337(1):193-6

28 K cholecalcin (CaBP) levels in abnormal cerebella: studies on mutant mice and harmaline- and 3-acetylpyridine-treated rats. Parkes CO, et al. **Brain Res** 1985 Jul 29;339(2):265-9

Spinal cord metabolism of the 1-methyl-4-phenyl-1,2,3, 6-tetrahydropyridine-treated monkey. Schwartzman RJ, et al. **Brain Res** 1985 Jul 1;337(2):263-8

Behavioural effects in the rat after acute unilateral intranigral infusions of N-methyl-4-phenyl-1,2,3,6-tetrahydropyridine. Sirinathsinghji DJ. **Brain Res** 1985 Jul 29;339(2):366-70

MPTP alters central catecholamine neurons in addition to the nigrostriatal system. Gupta M, et al. **Brain Res Bull** 1984 Dec;13(6):737-42

Inotropic effect, binding properties, and calcium flux effects of the calcium channel agonist CGP 28392 in intact cultured embryonic chick ventricular cells. Laurent S, et al. **Circ Res** 1985 May;56(5):676-82

Effects of doxylamine and acetaminophen on postoperative sleep. Smith GM, et al. **Clin Pharmacol Ther** 1985 May; 37(5):549-57

Stimulation of insulin release by an organic calcium agonist. Malaisse WJ, et al. **Diabetologia** 1985 Mar;28(3):153-6

Effect of antigastrin (SC-15396) on amylase release and 2-deoxyglucose uptake in mouse pancreatic acini. Iwamoto Y, et al. **Digestion** 1985;31(1):31-6

Assessment of the opiate properties of two constituents of a toxic illicit drug mixture. Johannessen JN, et al. **Drug Alcohol Depend** 1984 Jul;13(4):367-74

Pharmacodynamic and pharmacokinetics of BW 825C: a new antihistamine. Cohen AF, et al. **Eur J Clin Pharmacol** 1985; 28(2):197-204

Actions of betahistine at histamine receptors in the brain. Arrang JM, et al. **Eur J Pharmacol** 1985 Apr 23; 111(1):73-84

Studies on the mechanism of action of the vasoconstrictive dihydropyridine, CGP 28392. Loutzenhiser R, et al. **Eur J Pharmacol** 1984 Oct 15;105(3-4):229-37

Neurochemical investigations in vitro with 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) in preparations of rat brain. Markstein R, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):301-11

Diazepam-stimulated increases in the synaptosomal uptake of 45Ca2+: reversal by dihydropyridine calcium channel antagonists. Mendelson WB, et al. **Eur J Pharmacol** 1984 Sep 3;104(1-2):181-3

In vitro release of tritiated monoamines from rat CNS tissue by the neurotoxic compound 1-methyl-phenyl-tetrahydropyridine. Schmidt CJ, et al. **Eur J Pharmacol** 1984 Aug 17;103(3-4):255-60

Reduction of dopamine uptake and cocaine binding in mouse striatum by N-methyl-4-phenyl-1,2,3,6-tetrahydropyridine. Sershen H, et al. **Eur J Pharmacol** 1984 Jun 15;102(1):175-8

Quinolinic acid stimulates luteinizing hormone secretion in female rats: evidence for involvement of N-methyl-D-aspartate-preferring receptors. Johnson MD, et al. **Exp Brain Res** 1985;59(1):57-61

Quinolinic acid stimulates luteinizing hormone secretion through a serotonin-dependent mechanism. Johnson MD, et al. **Exp Brain Res** 1985;59(1):62-7

Responses of the pigmented rabbit retina to NMPTP, a chemical inducer of parkinsonism. Wong C, et al. **Exp Eye Res** 1985 Apr;40(4):509-19

Actions of kynurenic acid and quinolinic acid in the rat hippocampus in vivo. Perkins MN, et al. **Exp Neurol** 1985 Jun;88(3):570-9

Dihydropyridine Ca2+ agonists and channel blockers interact in the opposite manner with photogenerated unpaired electrons. Marinov BS, et al. **FEBS Lett** 1985 Jul 8;186(2):251-4

The effect and mode of action of zinc pyrithione on cell growth. I. In vitro studies. Gibson WT, et al. **Food Chem Toxicol** 1985 Jan;23(1):93-102

The effect and mode of action of zinc pyrithione on cell growth. II. In vivo studies. Gibson WT, et al. **Food Chem Toxicol** 1985 Jan;23(1):103-10

Concentrations of D-glucaric acid in human urine after repeated administration of pyrithioxine. Freundt KJ, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Dec;22(12):639-42

Two novel agents affecting eating through an action on monoaminergic systems. Roncucci R, et al. **Int J Obes** 1984; 8 Suppl 1:103-17

Quinolinate. A selective neurotoxin in embryonic and posthatching chicken retinas. Gibson BL, et al. **Invest Ophthalmol Vis Sci** 1985 Jan;26(1):50-7

Stereoselectivity at the calcium channel: opposite action of the enantiomers of a 1,4-dihydropyridine. Hof RP, et al. **J Cardiovasc Pharmacol** 1985 Jul-Aug;7(4):689-93

Cardiovascular effects of the nifedipine analog, CGP 28 392, in the conscious dog. Preuss KC, et al. **J Cardiovasc Pharmacol** 1984 Sep-Oct;6(5):949-53

Coronary collateral blood flow in acute myocardial ischemia is not increased by dihydropyridine-induced coronary vasodilatation. Sjöquist PO, et al. **J Cardiovasc Pharmacol** 1985 Jul-Aug;7(4):630-6

Influence of selective thromboxane synthetase blocker CGS-13080 on thromboxane and prostacyclin biosynthesis in whole blood: evidence for synthesis of prostacyclin by leukocytes from platelet-derived endoperoxides. Mehta J, et al. **J Lab Clin Med** 1985 Sep;106(3):246-52

Antiulcer agents. 1. Gastric antisecretory and cytoprotective properties of substituted imidazo[1,2-a]pyridines. Kaminski JJ, et al. **J Med Chem** 1985 Jul;28(7):876-92

Thromboxane synthetase inhibitors (TXSI). Design, synthesis, and evaluation of a novel series of omega-pyridylalkenoic acids. Kato K, et al. **J Med Chem** 1985 Mar;28(3):287-94

Structure-activity relationships of some pyridine, piperidine, and pyrrolidine analogues for enhancing and inhibiting the binding of (+/-)-[3H]nicotine to the rat brain P2 preparation. Sloan JW, et al. **J Med Chem** 1985 Sep; 28(9):1245-51

Effects of 3-acetylpyridine on the adrenal medulla of the mouse. Imahayashi T, et al. **J Neural Transm** 1984; 60(1):45-55

Biochemical and functional evidence for a marked dopamine releasing action of N-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (NMPTP) in mouse brain. Pileblad E, et al. **J Neural Transm** 1984; 60(3-4):199-203

1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine: correspondence of its binding sites to monoamine oxidase in rat brain, and inhibition of dopamine oxidative deamination in vivo and in vitro. Bocchetta A, et al. **J Neurochem** 1985 Sep;45(3):673-6

GABA-mimetic activity and effects on diazepam binding of aminosulphonic acids structurally related to piperidine-4-sulphonic acid. Falch E, et al. **J Neurochem** 1985 Jan;44(1):68-75

Neurochemical and histochemical characterization of neurotoxic effects of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine on brain catecholamine neurones in the mouse. Hallman H, et al. **J Neurochem** 1985 Jan;44(1):117-27

Effects of 1-methyl-4-phenyl-1,2,5,6-tetrahydropyridine and related compounds on the uptake of [3H]3,4-dihydroxyphenylethylamine and [3H]5-hydroxytryptamine in neostriatal synaptosomal preparations. Heikkila RE, et al. **J Neurochem** 1985 Jan; 44(1):310-3

In vivo brain dialysis of amino acids and simultaneous EEG measurements following intrahippocampal quinolinic acid injection: evidence for a dissociation between neurochemical changes and seizures. Vezzani A, et al. **J Neurochem** 1985 Aug;45(2):335-44

Effect of 3-acetylpyridine on the content of myelin in the developing rat brain. Nakashima Y, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Oct;30(5):441-51

Inhibition of types A and B monoamine oxidase by 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine. Fuller RW, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):696-701

Dissociation between the excitatory and 'excitotoxic' effects of quinolinic acid analogs on the striatal cholinergic interneuron. Lehmann J, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):873-82

New orally active iron chelators [letter] Kontoghiorghes GJ. **Lancet** 1985 Apr 6;1(84[illegible]):817

New amphibian models for the study of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP). Barbeau A, et al. **Life Sci** 1985 Mar 18;36(11):1125-34

Studies on the mechanism of action of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP). Cohen G, et al. **Life Sci** 1985 Jan 21;36(3):237-42

Inhibition of NADH-linked oxidation in brain mitochondria by 1-methyl-4-phenyl-pyridine, a metabolite of the neurotoxin, 1-methyl-4-phenyl-1,2,5,6-tetrahydropyridine. Nicklas WJ, et al. **Life Sci** 1985 Jul 1;36(26):2503-8

1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) does not destroy nigrostriatal neurons in the scorbutic guinea pig. Perry TL, et al. **Life Sci** 1985 Apr 1; 36(13):1233-8

Suicidal destruction of cytochrome P-450 and reduction of ferrochelatase activity by 3,5-diethoxycarbonyl-1,4-dihydro-2,4,6-trimethylpyridine and its analogues in chick embryo liver cells. Marks GS, et al. **Mol Pharmacol** 1985 Apr;27(4):459-65

The agonist effect of dihydropyridines on Ca channels. Brown AM, et al. **Nature** 1984 Oct 11-17;311(5986):570-2

Oxidative metabolism and acetylcholine synthesis during acetylpyridine treatment. Gibson GE, et al. **Neurochem Res** 1985 Apr;10(4):453-67

Intracerebroventricular administration of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) and its metabolite 1-methyl-4-phenylpyridinium ion (MPP+) decrease dopamine and increase acetylcholine in the mouse neostriatum. Cavalla D, et al. **Neuropharmacology** 1985 Jun;24(6):585-6

Calcium entry activators: distinct sites of dihydropyridine and aminopyridine action. Greenberg DA, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):279-82

Inhibition of tyrosine hydroxylation in rat striatal tissue slices by 1-methyl-4-phenylpyridinium ion. Hirata Y, et al. **Neurosci Lett** 1985 Jun 24;57(3):301-5

1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine-induced parkinsonism in the common marmoset. Jenner P, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):85-90

N-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) affects locomotor activity without producing a nigrostriatal lesion in the rat. Sahgal A, et al. **Neurosci Lett** 1984 Jul 27;48(2):179-84

Inferior olivary lesions after local injections of 3-acetylpyridine in rabbits. Balaban CD. **Neurosci Res** 1984 Jun;1(3):199-205

Effects of 3-acetylpyridine on local cerebral glucose utilization. Shimada M, et al. **Neurosci Res** 1984 Oct; 1(5):357-62

Release of disaggregatory prostanoids into circulation by nicotinic alcohol, nicotinic acid and nicotinamide. Swies J, et al. **Pol J Pharmacol Pharm** 1984 Nov-Dec;36(6):653-7

Potentiation of antiherpetic activity of acyclovir by ribonucleotide reductase inhibition. Spector T, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4254-7

Effects of amfonelic acid, alpha-methyltyrosine, Ro 4-1284 and haloperidol pretreatment on the depletion of striatal dopamine by 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine in mice. Fuller RW, et al. **Res Commun Chem Pathol Pharmacol** 1985 Apr;48(1):17-25

Combined effects of a calcium-agonist and hypoglycemic or hyperglycemic sulfonamides upon insulin release. Malaisse WJ, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jul;49(1):71-83

1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) induced dopamine D2 receptor hypersensitivity in the mouse is transient. Peroutka SJ, et al. **Res Commun Chem Pathol Pharmacol** 1985 May; 48(2):163-71

Comparative structure-activity relationships for dihydropyridines as inhibitors of [3H]-nitrendipine binding vs cyclic nucleotide phosphodiesterases. Van Inwegen RG, et al. **Res Commun Chem Pathol Pharmacol** 1984 Aug; 45(2):191-206

[The effect of nootropic substances on fluctuations in vigilance tonus in postinjury pseudoneurasthenia. EEG study] Strnad P, et al. **Cesk Neurol Neurochir** 1985 Jul; 48(4):235-9 (Eng. Abstr.) **(Cze)**

[Reduction of the solubility of enamel following treatment with nicomethanol hydrofluoride] Vezin JC, et al. **Pharm Acta Helv** 1985;60(5-6):145-8 (Eng. Abstr.) **(Fre)**

[Effect of a membrane modulator from the 3-hydroxypyridine class on the pharmacological activity of a number of psychotropic preparations] Smirnov LD, et al. **Biull Eksp Biol Med** 1985 May;99(5):519-22 (Eng. Abstr.) **(Rus)**

[Effect of 3-hydroxypyridine derivatives on the central nervous system] Val'dman AV, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):60-2 (Eng. Abstr.) **(Rus)**

[Cytogenetic effects of 1,4-dihydropyridine in various test systems] Kuzhir TD, et al. **Tsitol Genet** 1984 Sep-Oct; 18(5):343-7 (Eng. Abstr.) **(Rus)**

[3-Hydroxypyridine derivatives—a new class of psychotropic compounds] Diumaev KM, et al. **Vestn Akad Med Nauk SSSR** 1984;(11):3-7 (Eng. Abstr.) **(Rus)**

POISONING

Ruminal motility in sheep intoxicated with 2,3-dihydroxypyridine. McSweeney CS, et al. **Aust Vet J** 1984 Aug;61(8):271-2

Neurological consequence of industrial exposure to 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine [letter] Barbeau A, et al. **Lancet** 1985 Mar 30;1(8431):747

The clinical syndrome of striatal dopamine deficiency. Parkinsonism induced by 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP). Burns RS, et al. **N Engl J Med** 1985 May 30; 312(22):1418-21

Nyquil and acute hepatic necrosis [letter] Fleckenstein JL. **N Engl J Med** 1985 Jul 4;313(1):48

THERAPEUTIC USE

Evaluation of the 4-pyridinemethanol WR 180,409 (enpiroline) in the treatment of induced Plasmodium falciparum infections in healthy, non-immune subjects. Cosgriff TM, et al. **Am J Trop Med Hyg** 1984 Sep; 33(5):767-71

Evaluation of a proprietary analgesic/antihistamine in the management of pain associated with temporomandibular joint pain dysfunction syndrome. Gerschman JA, et al. **Aust Dent J** 1984 Oct;29(5):300-4

The effects of a shampoo containing zinc pyrithione on the control of dandruff. Marks R, et al. **Br J Dermatol** 1985 Apr;112(4):415-22

A placebo-controlled comparative study of sustained-release brompheniramine maleate against clemastine fumarate in the treatment of chronic urticaria. Jolliffe DS, et al. **Curr Med Res Opin** 1985;9(6):394-9

An assessment of the novel antihistamine BW 825C in the treatment of chronic idiopathic urticaria. A placebo-controlled study. Gibson JR, et al. **Dermatologica** 1984;169(4):179-83

Comparison of the effects of imidazo[1,2-a]pyridine-2-carbamates and benzimidazole-2-carbamates on the development of Hymenolepis nana in Tribolium confusum. Novak M, et al. **Experientia** 1985 May 15;41(5):687-9

Relationship between structure and antineoplastic activity of (arylsulfonyl)hydrazones of 4-pyridinecarboxaldehyde. Shyam K, et al. **J Med Chem** 1985 Jan;28(1):149-52

Synthesis, in vitro [3H]prazosin displacement, and in vivo activity of 3-aryl-4,5,6,7-tetrahydropyrazolo[4,3-c]pyridines, a new class of antihypertensive agents. Winters G, et al. **J Med Chem** 1985 Jul;28(7):934-40

Debendox and pregnancy [letter] **Med J Aust** 1984 Oct 13; 141(8):546-7

[Blood pharmacokinetics of fluorine in man after the oral administration of nicomethanol hydrofluoride] Cheymol G, et al. **J Biol Buccale** 1984 Dec;12(4):349-53 (Eng. Abstr.) **(Fre)**

[Treatment of Meniere disease with betahistine dimesilate (Aequamen)—double-blind study versus placebo (crossover)] Meyer ED. **Laryngol Rhinol Otol (Stuttg)** 1985 May;64(5):269-72 (Eng. Abstr.) **(Ger)**

[Efficacy and tolerance of a new sustained-release preparation of nicotinic alcohol for reduction of the atherosclerotic risk index] Bossini A, et al. **Clin Ter** 1984 Sep 15;110(5):417-28 (Eng. Abstr.) **(Ita)**

[Treatment of pityriasis versicolor] Schiazza L, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec;119(6):XXI-II (Eng. Abstr.) **(Ita)**

[The role of leukotrienes in ocular inflammation report 2. The effect of anti-SRS-A substance (KC-404) on experimental uveitis in guinea pigs] Sunada A, et al. **Nippon Ganka Gakkai Zasshi** 1984 Nov;88(11):1341-9 (Eng. Abstr.) **(Jpn)**

[Effect of KC-404 on experimental cerebral infarction in rats] Kudo Y, et al. **Nippon Yakurigaku Zasshi** 1985 Jun; 85(6):435-41 (Eng. Abstr.) **(Jpn)**

[Nicotinyl in the treatment of arteriosclerosis obliterans of the lower limbs] Grodzińska L, et al. **Pol Tyg Lek** 1984 Jun 12-25;39(25-26):879-81 **(Pol)**

[Interaction with cytochrome P-450 as one of the mechanisms of protective action of 3-hydroxypyridines in the diethylnitrosamine poisoning of animals.] Shuliakovskaia TS, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Nov-Dec;(6):950-3 (Eng. Abstr.) **(Rus)**

[Use of encephabol in the combined therapy of chronic cerebral circulatory failure] Zinchenko VA. **Vrach Delo** 1984 Aug;(8):36-8 (Eng. Abstr.) **(Rus)**

TOXICITY

MPTP-induced parkinsonism in human and non-human primates—clinical and experimental aspects. Langston JW, et al. **Acta Neurol Scand [Suppl]** 1984;100:49-54

Central neurotoxic effects of intraperitoneally administered 3-acetylpyridine, harmaline and niacinamide in Sprague-Dawley and Long-Evans rats: a critical review of central 3-acetylpyridine neurotoxicity. Balaban CD. **Brain Res** 1985 Apr;356(1):21-42

Mechanism of action of arenesulfonylhydrazones of 2-pyridinecarboxaldehyde 1-oxide in L1210 cells. Shiba DA, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5707-11

Promoting effects of 1,4-bis[2-(3,5-dichloropyridyloxy)]benzene in mouse hepatocarcinogenesis. Dragani TA, et al. **Carcinogenesis** 1985 Feb;6(2):225-8

Structure-activity relationships of selected pyridines. I. Substituent constant analysis. Schultz TW, et al. **Ecotoxicol Environ Safety** 1985 Aug;10(1):97-111

Pargyline and deprenyl prevent the neurotoxicity of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) in monkeys. Cohen G, et al. **Eur J Pharmacol** 1984 Oct 30; 106(1):209-10

Uptake of MPP(+) by dopamine neurons explains selectivity of parkinsonism-inducing neurotoxin, MPTP. Javitch JA, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):455-6

Pharmacological interference with the neurotoxic action of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) on central catecholamine neurons in the mouse. Sundström E, et al. **Eur J Pharmacol** 1985 Apr 16;110(3):293-9

Neurotoxic effects of endogenous materials: quinolinic acid, L-pyroglutamic acid, and thyroid releasing hormone (TRH). McGeer EG, et al. **Exp Neurol** 1984 Nov; 86(2):410-3

Primate model of parkinsonism: selective lesion of nigrostriatal neurons by 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine produces an extrapyramidal syndrome in rhesus monkeys. Chiueh CC, et al. **Life Sci** 1985 Jan 21;36(3):213-8

Central and peripheral catecholamine depletion by 1-methyl-4-phenyl-tetrahydropyridine (MPTP) in rodents. Fuller RW, et al. **Life Sci** 1985 Jan 21;36(3):243-7

Dopaminergic neurotoxicity of 1-methyl-4-phenyl-1,2,5,6-tetrahydropyridine (MPTP) in the mouse: relationships between monoamine oxidase, MPTP metabolism and neurotoxicity. Heikkila RE, et al. **Life Sci** 1985 Jan 21;36(3):231-6

Selective accumulation of MPP+ in the substantia nigra: a key to neurotoxicity? Irwin I, et al. **Life Sci** 1985 Jan 21; 36(3):207-12

Neurochemical and functional consequences following 1-methyl-4-phenyl-1,2,5,6-tetrahydropyridine (MPTP) and methamphetamine. Jarvis MF, et al. **Life Sci** 1985 Jan 21;36(3):249-54

MPTP neurotoxicity: an overview and characterization of phases of toxicity. Langston JW. **Life Sci** 1985 Jan 21; 36(3):201-6

Intraneuronal generation of a pyridinium metabolite may cause drug-induced parkinsonism. Markey SP, et al. **Nature** 1984 Oct 4-10;311(5985):464-7

Regional brain uptake of 2-deoxyglucose in N-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP)-induced parkinsonism in the macaque monkey. Crossman AR, et al. **Neuropharmacology** 1985 Jun; 24(6):587-91

Age-dependent effects of 1-methyl-4-phenyl-1,2,5,6-tetrahydropyridine (MPTP). Jarvis MF, et al. **Neuropharmacology** 1985 Jun;24(6):581-3

Catecholamine-uptake inhibitors prevent the neurotoxicity of 1-methyl-4-phenyl-1,2,3,6 tetrahydropyridine (MPTP) in mouse brain. Pileblad E, et al. **Neuropharmacology** 1985 Jul;24(7):689-92

Beta-carboline analogues of N-methyl-4-phenyl-1,2,5,6-tetrahydropyridine (MPTP): endogenous factors underlying idiopathic parkinsonism? Collins MA, et al. **Neurosci Lett** 1985 Apr 9;55(2):179-84

Kynurenic acid blocks neurotoxicity and seizures induced in rats by the related brain metabolite quinolinic acid. Foster AC, et al. **Neurosci Lett** 1984 Aug 10;48(3):273-8

The importance of the '4-5' double bond for neurotoxicity in primates of the pyridine derivative MPTP. Langston JW, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):289-94

Cocaine blocks the dopamine depletion induced by MPTP. Mayer RA, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jul;49(1):145-8

Comments on 'Teratogen update:bendectin' [letter] **Teratology** 1985 Jun;31(3):431-2

Editorial comment on comments on 'Teratogen update: Bendectin' [editorial] Brent RL. **Teratology** 1985 Jun; 31(3):429-30

PYRIDINIUM COMPOUNDS

Charge-shift probes of membrane potential. Characterization of aminostyrylpyridinium dyes on the squid giant axon. Loew LM, et al. **Biophys J** 1985 Jan;47(1):71-7

ANALYSIS

Fast atom bombardment mass spectrometric studies of the aluminum chloride/n-butylpyridinium chloride molten salt. Ackermann BL, et al. **Anal Chem** 1985 Jul;57(8):1766-8

Stability study of HI-6 dichloride in various anticholinergic formulations. Brown ND, et al. **J Chromatogr** 1984 Dec 19;315:389-94

Anomalies in the high-performance liquid chromatographic determination of diquat in water samples. Lauren DR, et al. **J Chromatogr** 1984 Oct 26;303(1):206-10

BIOSYNTHESIS

Conversion of the neurotoxic precursor 1-methyl-4-phenyl-1,2,5,6-tetrahydropyridine into its pyridinium metabolite by human platelet monoamine oxidase type B. Da Prada M, et al. **Neurosci Lett** 1985 Jun 24;57(3):257-62

CHEMICAL SYNTHESIS

Reactivators of organophosphate-inhibited cholinesterase. 4-cycloalkylcarbonyl substituted bis-pyridinium monooximes. Maksimović M, et al. **Arch Toxicol** 1984 Sep; 55(3):199-202

Synthesis and pharmacological evaluation of imidazopyridinium derivatives as neuromuscular blocking agents. Bellani P, et al. **Farmaco [Sci]** 1984 Oct; 39(10):846-62

Fluorescent probes based on styrylpyridinium derivatives: optical properties and membrane binding. Dubur GY, et al. **J Biochem Biophys Methods** 1984 Dec;10(3-4):123-34

[Synthesis of antidotes for organophosphorus insecticides—4-(t-butyl)-1-[(3-substituted acyl) pyridino]-methyl-oxymethylene-pyridinium diiodide] Gao FL, et al. **Yao Hsueh Hsueh Pao** 1983 Nov;18(11):829-34 (Eng. Abstr.) **(Chi)**

[Effect of new quaternary pyridinium compounds against selected bacterial and fungal strains. 12. Synthesis of 4-ethyl-1-(n-alkylthiomethyl)- and 4-ethyl-1-(n-alkoxymethyl)pyridinium chlorides] Pernak J, et al. **Pharmazie** 1984 Nov;39(11):782-3 **(Ger)**

DIAGNOSTIC USE

Ultrastructural demonstration of a glycoproteinic surface coat in allergenic pollen grains by combined cetylpyridinium chloride precipitation and silver proteinate staining. Grote M, et al. **Histochemistry** 1984;81(2):171-6

METABOLISM

Active uptake of MPP+, a metabolite of MPTP, by brain synaptosomes. Chiba K, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1228-32

Effects of deuterium substitution alpha and beta to the reaction centre, 18O substitution in the leaving group, and aglycone acidity on hydrolyses of aryl glucosides and glucosyl pyridinium ions by yeast alpha-glucosidase. A probable failure of the antiperiplanar-lone-pair hypothesis in glycosidase catalysis. Hosie L, et al. **Biochem J** 1985 Mar 1;226(2):437-46

Competitive binding of the oximes HI-6 and 2-PAM with regional brain muscarinic receptors. Valdes JJ, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2815-8

Disposition of HI-6 oxime in rats after intravenous and intramuscular administration. Simons KJ, et al. **J Pharm Pharmacol** 1985 May;37(5):367-9

Selective accumulation of MPP+ in the substantia nigra: a key to neurotoxicity? Irwin I, et al. **Life Sci** 1985 Jan 21; 36(3):207-12

PHARMACODYNAMICS

Intrauterine growth retardation induced by thiamine deficiency and pyrithiamine during pregnancy in the rat. Roecklein B, et al. **Am J Obstet Gynecol** 1985 Feb 15; 151(4):455-60

The effect of atracurium or fazadinium on intra-ocular pressure. A comparative study during induction of general anaesthesia. Tattersall MP, et al. **Anaesthesia** 1985 Aug; 40(8):805-7

Metabolites of neostigmine and pyridostigmine do not contribute to antagonism of neuromuscular blockade in the dog. Hennis PJ, et al. **Anesthesiology** 1984 Nov;61(5):534-9

Reversible inhibition and mechanism-based irreversible inactivation of monoamine oxidases by 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP). Singer TP, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):707-12

Involvement of sulfhydryl groups in the inhibition of brain (Na+ + K+)-ATPase by pyrithiamin. Matsuda T, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):17-24

Effect of a 0.1% cetylpyridinium chloride mouthrinse on the accumulation and biochemical composition of dental plaque in young adults. Ashley FP, et al. **Caries Res** 1984; 18(5):465-71

Bisquaternary pyridinium oximes as allosteric inhibitors of rat brain muscarinic receptors. Kloog Y, et al. **Mol Pharmacol** 1985 Apr;27(4):418-28

Inhibition of tyrosine hydroxylation in rat striatal tissue slices by 1-methyl-4-phenylpyridinium ion. Hirata Y, et al. **Neurosci Lett** 1985 Jun 24;57(3):301-5

Effects of HI-6 on brain neuronal RNA and acetylcholinesterase: metabolic responses during acute soman intoxication. Doebler JA, et al. **Toxicology** 1984 Dec;33(3-4):311-22

[Fazadinium in surgery of the gallbladder and the bile ducts] Varesi M, et al. **Chir Ital** 1982 Dec;34(6):991-6 (Eng. Abstr.) **(Ita)**

[Neuromuscular block induced by fazadinium. Electrophysiological study on fast and slow muscles in the rabbit] Dattola R, et al. **Minerva Anestesiol** 1984 Jul-Aug; 50(7-8):379-82 (Eng. Abstr.) **(Ita)**

POISONING

Acute diquat intoxication. Interest of its repeated determination in urine and the evaluation of renal proximal tubule integrity. Mahieu P, et al. **J Toxicol Clin Toxicol** 1984;22(4):363-9

[Acute poisoning with the herbicide diquat] Randelović S, et al. **Vojnosanit Pregl** 1984 Sep-Oct;41(5):420-3 **(Scr)**

THERAPEUTIC USE

Adverse effects of suxamethonium. Failure of prevention by atracurium or fazadinium. Budd A, et al. **Anaesthesia** 1985 Jul;40(7):642-6

The effect of a 0.1% cetylpyridinium chloride mouthrinse on plaque and gingivitis in adult subjects. Ashley FP, et al. **Br Dent J** 1984 Sep 22;157(6):191-6

[Structural changes of cell membrane and cell differentiation induction] Honma Y. **Nippon Rinsho** 1985 Apr;43(4):706-8 **(Jpn)**

[Use of tserigel in treating facial burns] Arifdzhanov AK, et al. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):48-9 (Eng. Abstr.) **(Rus)**

TOXICITY

Toxicity of the herbicides endothall and diquat to benthic crustacea. Williams EH, et al. **Bull Environ Contam Toxicol** 1984 Oct;33(4):418-22

The importance of the '4-5' double bond for neurotoxicity in primates of the pyridine derivative MPTP. Langston JW, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):289-94

1-Methyl-4-phenylpyridine (MPP+) is toxic to mesencephalic dopamine neurons in culture. Mytilineou C, et al. **Neurosci Lett** 1985 Jun 4;57(1):19-24

PYRIDINOLCARBAMATE see under **CARBAMATES**

PYRIDINONES see **PYRIDONES**

PYRIDONES

[Synthetic studies on some biologically active alkaloids starting from dihydropyridinones] Imanishi T. **Yakugaku Zasshi** 1984 Jun;104(6):549-68 (Eng. Abstr.) **(Jpn)**

ADMINISTRATION & DOSAGE

Acute dose range study of milrinone in congestive heart failure. Kubo SH, et al. **Am J Cardiol** 1985 Mar 1; 55(6):726-30

Systemic and regional hemodynamic effects of captopril and milrinone administered alone and concomitantly in patients with heart failure. LeJemtel TH, et al. **Circulation** 1985 Aug;72(2):364-9

Milrinone in congestive heart failure: acute and chronic hemodynamic and clinical evaluation. Simonton CA, et al. **J Am Coll Cardiol** 1985 Aug;6(2):453-9

Positive inotropic and vasodilator actions of milrinone in patients with severe congestive heart failure. Dose-response relationships and comparison to nitroprusside. Jaski BE, et al. **J Clin Invest** 1985 Feb; 75(2):643-9

BLOOD

Quantification of ciclopirox by high-performance liquid chromatography after pre-column derivatization. An example of efficient clean-up using silica-bonded cyano phases. Lehr KH, et al. **J Chromatogr** 1985 May 3; 339(2):451-6

METABOLISM

Australian goats detoxify the goitrogen 3-hydroxy-4(1H) pyridone (DHP) after rumen infusion from an Indonesian goat. Jones RJ, et al. **Experientia** 1984 Dec 15;40(12):1435-6

Oral and intravenous pharmacokinetics of milrinone in human volunteers. Stroshane RM, et al. **J Pharm Sci** 1984 Oct; 73(10):1438-41

[The acceptable daily intake of mimosine for productive livestock and its importance in the use of Leucaena leucocephala in animal nutrition] Szyszka M, et al. **DTW** 1984 Jul 24;91(7-8):260-2 (Eng. Abstr.) **(Ger)**

[Determination of the biological half-life of mimosine in rats] Szyszka M, et al. **DTW** 1984 Jul 24;91(7-8):262-4 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Physiologic assessment of the inotropic, vasodilator and afterload reducing effects of milrinone in subjects without cardiac disease. Borow KM, et al. **Am J Cardiol** 1985 Apr 15;55(9):1204-9

Echocardiographic and clinical effects of milrinone in dogs with myocardial failure. Kittleson MD, et al. **Am J Vet Res** 1985 Aug;46(8):1659-64

The effects of milrinone and piroximone on intracellular calcium handling in working myocardium from the ferret. Gwathmey JK, et al. **Br J Pharmacol** 1985 May; 85(1):97-108

Effects of milrinone on coronary hemodynamics and myocardial energetics in patients with congestive heart failure. Monrad ES, et al. **Circulation** 1985 May;71(5):972-9

Ciclopirox olamine 1% cream. A preliminary review of its antimicrobial activity and therapeutic use. Jue SG, et al. **Drugs** 1985 Apr;29(4):330-41 (34 ref.)

Site specificity of iron removal from transferrin by alpha-ketohydroxypyridine chelators. Kontoghiorghes GJ, et al. **FEBS Lett** 1985 Sep 9;189(1):141-4

The effects of milrinone on action potential characteristics, conduction, automaticity, and reflected reentry in isolated myocardial fibers. Davidenko J, et al. **J Cardiovasc Pharmacol** 1985 Mar-Apr;7(2):341-9

Pharmacological actions of APP 201-533, a novel cardiotonic agent. Salzmann R, et al. **J Cardiovasc Pharmacol** 1985 May-Jun;7(3):588-96

Positive inotropic and electrophysiological effects of APP 201-533 can be explained by an increase of cardiac cyclic AMP. Scholtysik G, et al. **J Cardiovasc Pharmacol** 1985 May-Jun;7(3):597-603

Substituted 2-pyrones, 2-pyridones, and other congeners of elasnin as potential agents for the treatment of chronic obstructive lung diseases. Groutas WC, et al. **J Med Chem** 1985 Aug;28(8):1106-9

New orally active iron chelators [letter] Kontoghiorghes GJ. **Lancet** 1985 Apr 6;1(8432):817

THERAPEUTIC USE

Immediate effects of milrinone on metabolic and sympathetic responses to exercise in severe congestive heart failure. White HD, et al. **Am J Cardiol** 1985 Jul 1;56(1):93-8

Milrinone in heart failure. Acute effects on left ventricular systolic function and myocardial metabolism. Timmis AD, et al. **Br Heart J** 1985 Jul;54(1):36-41

Milrinone in heart failure. Effects on exercise haemodynamics during short term treatment. Timmis AD, et al. **Br Heart J** 1985 Jul;54(1):42-7

Alternatives to the digitalis glycosides for heart failure [letter] Johnston D. **Br Med J [Clin Res]** 1985 Jun 15; 290(6484):1825

Improvement in indexes of diastolic performance in patients with congestive heart failure treated with milrinone. Monrad ES, et al. **Circulation** 1984 Dec;70(6):1030-7

Evaluation of ciclopirox olamine cream for the treatment of tinea pedis: multicenter, double-blind comparative studies. **Clin Ther** 1985;7(4):409-17

Generalized epilepsy induced by kainic acid and anticonvulsant effect of N-aminomethylpiperazine-3,3-diethyl-2,4-pyridinedione. Belcheva I, et al. **Methods Find Exp Clin Pharmacol** 1984 Dec;6(12):743-6

Milrinone: a positive inotropic vasodilator. Colucci WS, et al. **Trans Assoc Am Physicians** 1984;97:124-33

TOXICITY

Toxicological studies on the acute and subchronic toxicity of two new derivatives of 3,3-diethyl-2,4-pyridinedione. Belcheva I, et al. **Acta Physiol Pharmacol Bulg** 1984; 10(3):29-35

Toxicity of fluridone in algal bioassays. Trevors JT, et al. **Bull Environ Contam Toxicol** 1985 May;34(5):696-701

PYRIDOSTIGMINE BROMIDE

ADMINISTRATION & DOSAGE

Disopyramide-pyridostigmine: report of a beneficial drug interaction. Teichman SL, et al. **J Cardiovasc Pharmacol** 1985 Jan-Feb;7(1):108-13

Protection against diisopropylfluorophosphate intoxication by pyridostigmine and physostigmine in combination with atropine and mecamylamine. Harris L, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Aug; 327(1):64-9

BLOOD

[Serum levels of pyridostigmine in myasthenia gravis: methods and clinical significance] Schumm F, et al. **Fortschr Neurol Psychiatr** 1985 Jun;53(6):201-11 (Eng. Abstr.) **(Ger)**

METABOLISM

Metabolites of neostigmine and pyridostigmine do not contribute to antagonism of neuromuscular blockade in the dog. Hennis PJ, et al. **Anesthesiology** 1984 Nov;61(5):534-9

Pyridostigmine kinetics in healthy subjects and patients with myasthenia gravis. Breyer-Pfaff U, et al. **Clin Pharmacol Ther** 1985 May;37(5):495-501

PHARMACODYNAMICS

Effect of a mixture of pyridostigmine and atropine on forced expiratory volume (FEV1), and serum cholinesterase activity in normal subjects. Feldt-Rasmussen BF, et al. **Br J Anaesth** 1985 Feb;57(2):204-7

Muscarinic cardiac effects of pyridostigmine [letter] Bates CP. **Can Anaesth Soc J** 1985 May;32(3 Pt 1):315-6

Teratomorphogenic effects on the brain produced by neonatal maternal deprivation can be partly prevented by pyridostigmine administration. Dörner G, et al. **Exp Clin Endocrinol** 1984 Dec;84(3):352-5

Studies on the possible central and peripheral effects in man of a cholinesterase inhibitor (pyridostigmine). Borland RG, et al. **Hum Toxicol** 1985 May;4(3):293-300

Comparison of the actions of carbamate anticholinesterases on the nicotinic acetylcholine receptor. Sherby SM, et al. **Mol Pharmacol** 1985 Mar;27(3):343-8

[Hemodynamic effects in antagonism of neuromuscular blockage: atropine-pyridostigmine versus ipratropium bromide-pyridostigmine] Stoyanov M, et al. **Anaesthesist** 1984 Oct;33(10):499-503 (Eng. Abstr.) **(Ger)**

THERAPEUTIC USE

Immunosuppression with corticosteroids and thymectomy in myasthenia gravis: an evaluation of immediate and short term results in 20 patients. de Assis JL, et al. **Arq Neuropsiquiatr** 1985 Mar;43(1):17-21

Treatment of Lambert-Eaton syndrome: 3,4-diaminopyridine and pyridostigmine. Lundh H, et al. **Neurology (NY)** 1984 Oct;34(10):1324-30

TOXICITY

Toxicity of anticholinesterases: interactions of pyridostigmine and physostigmine with soman. Harris LW, et al. **Drug Chem Toxicol** 1984;7(5):507-26

PYRIDOXAL

ANALOGS & DERIVATIVES

Iron chelation by pyridoxal isonicotinoyl hydrazone and analogues in hepatocytes in culture. Baker E, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3011-7

The effect of various chelating agents on the mobilization of iron from reticulocytes in the presence and absence of pyridoxal isonicotinoyl hydrazone. Ponka P, et al. **Biochim Biophys Acta** 1984 Dec 20;802(3):477-89

Evaluation of 99mTc-labeled amino acids as radiopharmaceuticals. VI. N-pyridoxylidenehydrazine-N',N'-diacetic acid. Matsushima Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun; 32(6):2262-6

Use of 6-fluoroderivatives of pyridoxal and pyridoxal phosphate in the study of the coenzyme function in glycogen phosphorylase. Chang YC, et al. **J Biol Chem** 1985 Mar 10;260(5):2709-14

The importance of delayed imaging in the study of hepatoma with a new hepatobiliary agent. Hasegawa Y, et al. **J Nucl Med** 1984 Oct;25(10):1122-6

Comparison of 99mTc-N-pyridoxyl-5-methyltryptophan and 99mTc-N-(3-bromo-2,4,6-trimethylacetanilide)-iminodiatate as hepatobiliary radiopharmaceuticals in rats. Fritzberg AR, et al. **J Pharm Sci** 1984 Dec;73(12):1861-3

Hepatobiliary scintigraphy and function test with 99mTc-N-pyridoxyl-5-methyltryptophan (99mTC-PMT). Sugimura K, et al. **Kobe J Med Sci** 1985 Apr;31(2):85-94

Pyridoxal phosphate-unrelated inhibition of hippocampal glutamic acid decarboxylase by convulsant pyridoxal sulphate. Ebadi M, et al. **Neurochem Res** 1985 Mar; 10(3):343-53

Synthesis and pharmacological properties of the products of condensation of tryptamine derivatives with pyridoxal. Misztal S, et al. **Pol J Pharmacol Pharm** 1984 Nov-Dec; 36(6):689-96

[A case of cholecystocolic fistula demonstrated with 99mTc-PMT imaging] Takada T, et al. **Rinsho Hoshasen** 1985 May;30(5):617-20 (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

The separate effects of coenzyme components may not be additive. Roles of pyridoxal and inorganic phosphate in aspartate aminotransferase apoenzymes. Iriarte A, et al. **J Biol Chem** 1985 Jun 25;260(12):7457-63

PYRIDOXAL KINASE see under **PHOSPHOTRANSFERASES, ATP**

PYRIDOXAL PHOSPHATE

Determination of serum aspartate aminotransferase with pyridoxal 5'-phosphate in the Technicon SMAC and Du Pont aca compared and correlated with the IFCC recommended method. Neeley WE, et al. **Clin Chem** 1985 Jan;31(1):139-42

ANALOGS & DERIVATIVES

Hemodynamics and oxygen transport after partial and total blood exchange with pyridoxalated polyhemoglobin in dogs. Hobbhahn J, et al. **Acta Anaesthesiol Scand** 1985 Jul; 29(5):537-43

Oxygen affinity of hemoglobin solutions modified by coupling to PLP or NFPLP and the effects on tissue oxygenation. Bakker JC, et al. **Adv Exp Med Biol** 1984; 180:345-56

Preparation and in vitro characteristics of a blood substitute based on pyridoxylated polyhemoglobin. Keipert PE, et al. **Appl Biochem Biotechnol** 1984;10:133-41

Binding of new PLP analogs to the catalytic domain of GABA transaminase. Choi SY, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):346-53

Use of 6-fluoroderivatives of pyridoxal and pyridoxal phosphate in the study of the coenzyme function in glycogen phosphorylase. Chang YC, et al. **J Biol Chem** 1985 Mar 10;260(5):2709-14

A new affinity labeling reagent for the active site of glycogen synthase. Uridine diphosphopyridoxal. Tagaya M, et al. **J Biol Chem** 1985 Jun 10;260(11):6670-6

In vivo evaluation of pyridoxalated-polymerized hemoglobin solution. Friedman HI, et al. **Surg Gynecol Obstet** 1984 Nov;159(5):429-35

BLOOD

Postnatal decline in pyridoxal phosphate and riboflavin. Accentuation by phototherapy. Rudolph N, et al. **Am J Dis Child** 1985 Aug;139(8):812-5

Plasma pyridoxal-5-phosphate level as risk index for coronary artery disease. Serfontein WJ, et al. **Atherosclerosis** 1985 Jun;55(3):357-61

Relationship between plasma pyridoxal-5'-phosphate concentration and the apoenzyme content of serum aminotransferases in patients with a renal allograft. Hafkenscheid JC, et al. **Clin Chim Acta** 1984 Dec 29; 144(2-3):137-44

Markedly increased circulating pyridoxal-5'-phosphate levels in hypophosphatasia. Alkaline phosphatase acts in vitamin B6 metabolism. Whyte MP, et al. **J Clin Invest** 1985 Aug;76(2):752-6

Lack of a relationship between plasma pyridoxal phosphate levels and ischaemic heart disease. Rossouw JE, et al. **S Afr Med J** 1985 Apr 6;67(14):539-41

Low plasma pyridoxal-5'-phosphate levels in children with the nephrotic syndrome. van Buuren AJ, et al. **S Afr Med J** 1985 Mar 2;67(9):329-32

Pyridoxal phosphate, tryptophan, and tyrosine in blood and cerebrospinal fluid in elderly patients. Botteri A, et al. **Ups J Med Sci** 1984;89(3):279-84

Plasma pyridoxal phosphate in women taking oral contraceptives since at least five years. Hamfelt A, et al. **Ups J Med Sci** 1984;89(3):285-6

DEFICIENCY

Depressed plasma pyridoxal phosphate concentrations in adult asthmatics. Reynolds RD, et al. **Am J Clin Nutr** 1985 Apr;41(4):684-8

ISOLATION & PURIFICATION

Influence of pH on the removal of pyridoxal 5'-phosphate from phosphorylase b. Muñoz F, et al. **Biophys Chem** 1984 Aug;20(1-2):175-81

METABOLISM

Oxygen affinity of hemoglobin solutions modified by coupling to PLP or NFPLP and the effects on tissue oxygenation. Bakker JC, et al. **Adv Exp Med Biol** 1984; 180:345-56

Energy transfer from tryptophan residues to pyridoxal 5'-phosphate at the active site of ribulose-1,5-bisphosphate carboxylase/oxygenase. Verma NC, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):256-61

Does pyridoxal 5'-phosphate function in glycogen phosphorylase as an electrophilic or a general acid catalyst? Klein HW, et al. **Biochemistry** 1984 Nov 20;23(24):5853-61

Interactions of tryptophan synthase, tryptophanase, and pyridoxal phosphate with oxindolyl-L-alanine and 2,3-dihydro-L-tryptophan: support for an indolenine intermediate in tryptophan metabolism. Phillips RS, et al. **Biochemistry** 1984 Dec 4;23(25):6228-34

Linkage of subunit interactions, structural changes, and energetics of coenzyme binding in tryptophan synthase. Wiesinger H, et al. **Biochemistry** 1984 Oct 9;23(21):4921-8

Purification and properties of a pyridoxal 5'-phosphate-dependent histidine decarboxylase from Morganella morganii AM-15. Tanase S, et al. **J Biol Chem** 1985 Jun 10;260(11):6738-46

Two forms of rat brain glutamic acid decarboxylase differ in their dependence on free pyridoxal phosphate. Denner LA, et al. **J Neurochem** 1985 Mar;44(3):957-65

Alteration of amino acid metabolism in epileptogenic mice by elevation of brain pyridoxal phosphate. Norris DK, et al. **J Neurochem** 1985 May;44(5):1403-10

Effect of deficient and excess dietary vitamin B-6 on amino transaminase and glycogen phosphorylase activity and pyridoxal phosphate content in two muscles from postpubertal gilts. Russell LE, et al. **J Nutr** 1985 Sep; 115(9):1124-35

Pyridoxal-5'-phosphate concentration as marker for vitamin-B6-dependent seizures in the newborn [letter] Shin YS, et al. **Lancet** 1984 Oct 13;2(8407):870-1

Pyridoxal phosphate-binding site in enzymes; reduction and comparison of sequences. Morino Y, et al. **Methods Enzymol** 1984;106:116-37

Pyridoxal phosphate as a probe for the degradation products of skeletal muscle glycogen phosphorylase. Butler PE, et al. **Prog Clin Biol Res** 1985;180:499-501

PHARMACODYNAMICS

Pyridoxal phosphate protects against an irreversible temperature-dependent inactivation of hepatic delta-aminolevulinic acid synthase. Beattie DS, et al. **Arch Biochem Biophys** 1985 Jan;236(1):311-20

Characterization of an active-site peptide modified by glyoxylate and pyridoxal phosphate from spinach ribulosebisphosphate carboxylase/oxygenase. Cook CM, et al. **Arch Biochem Biophys** 1985 Jul;240(1):402-12

4-Aminobutyrate aminotransferase. Conformational changes induced by reduction of pyridoxal 5-phosphate. Choi SY, et al. **Biochim Biophys Acta** 1985 Aug 8;830(2):120-6

Pyridoxal phosphate-induced dissociation of the succinate: ubiquinone reductase. Choudhry ZM, et al. **FEBS Lett** 1985 Mar 11;182(1):171-5

Effect of vanadate and pyridoxal phosphate on S-adenosylmethionine. Colombatto S, et al. **Int J Biochem** 1985;17(5):657-60

Effects of pyridoxal phosphate treatment on the (Na + K)-ATPase. Robinson JD. **J Bioenerg Biomembr** 1984 Jun; 16(3):195-207

The effect of pyridoxal-5-phosphate on the inhibition of platelet aggregation and adenosine-3'-5'-cyclic monophosphate accumulation in human platelets. Zahavi M, et al. **Life Sci** 1984 Oct 1;35(14):1497-503

Pyridoxal phosphate-unrelated inhibition of hippocampal glutamic acid decarboxylase by convulsant pyridoxal sulphate. Ebadi M, et al. **Neurochem Res** 1985 Mar; 10(3):343-53

In vivo evaluation of pyridoxalated-polymerized hemoglobin solution. Friedman HI, et al. **Surg Gynecol Obstet** 1984 Nov;159(5):429-35

Effect of adenyl-cyclase activators, phosphodiesterase inhibitors and pyridoxal-5-phosphate on platelet aggregation and adenosine-3'-5'-cyclic monophosphate accumulation. Zahavi M, et al. **Thromb Haemost** 1984 Oct 31;52(2):205-9

PHYSIOLOGY

Covalent modification of the solubilized rat liver vitamin K-dependent carboxylase with pyridoxal-5'-phosphate. Kappel WK, et al. **Arch Biochem Biophys** 1984 Dec; 235(2):521-8

Role of pyridoxal-5'-phosphate in vitamin K-dependent carboxylation. **Nutr Rev** 1985 Jul;43(7):218-9

THERAPEUTIC USE

Uncontrollable convulsions responsive to pyridoxal phosphate in a uremic child. Joshioka T, et al. **Int J Pediatr Nephrol** 1984 Dec;5(4):221-2

Haemoglobin solution as an oxygen-carrying resuscitation fluid in haemorrhagic shock. Odling-Smee W, et al. **Ir J Med Sci** 1984 Nov;153(11):385-8

Use of nicotinamide and pyridoxal-5-phosphate in the treatment of experimental epilepsy. Kryzhanovskii GN, et al. **Neurosci Behav Physiol** 1985 Mar-Apr;15(2):111-8

PYRIDOXAMINE

ANALYSIS

Two homogeneous immunoassays for pyridoxamine. Brandon DL, et al. **J Immunol Methods** 1985 Apr 8; 78(1):87-94

THERAPEUTIC USE

Preliminary observations on short-course chemotherapy in tuberculous serositis. Bakir F, et al. **Respiration** 1984; 46(1):133-8

PYRIDOXAMINEPHOSPHATE OXIDASE see under **AMINE OXIDOREDUCTASES**

PYRIDOXIC ACID see under **ISONICOTINIC ACIDS**

PYRIDOXINE

Clinical chemistry of vitamin B6. Wilson RG, et al. **Adv Clin Chem** 1983;23:1-68 (404 ref.)

Analyzed vitamin B-6 intakes of pregnant and postpartum lactating and nonlactating women. Reynolds RD, et al. **J Am Diet Assoc** 1984 Nov;84(11):1339-44

ADMINISTRATION & DOSAGE

Effects of different levels of vitamin B-6 supplementation on vitamin B-6 concentrations in human milk and vitamin B-6 intakes of breastfed infants. Styslinger L, et al. **Am J Clin Nutr** 1985 Jan;41(1):21-31

Evaluation of pyridoxine intake and pyridoxine status among aged institutionalised people. Guilland JC, et al. **Int J Vitam Nutr Res** 1984;54(2-3):185-93

Vitamin B6 supplementation during pregnancy and the vitamin-B6-status of the reproductive product. Reithmayer F, et al. **Int J Vitam Nutr Res** 1984;54(2-3):270-1

Vitamin B-6 status of southern adolescent girls. Driskell JA, et al. **J Am Diet Assoc** 1985 Jan;85(1):46-9

Pyridoxine megavitaminosis: an analysis of the early changes induced with massive doses of vitamin B6 in rat primary sensory neurons. Krinke G, et al. **J Neuropathol Exp Neurol** 1985 Mar;44(2):117-29

Response to a physiologic dose of pyridoxine in type I primary hyperoxaluria. Yendt ER, et al. N **Engl J Med** 1985 Apr 11;312(15):953-7

[Effect of varying vitamin B6 intake levels on the vitamin B6 status of fetuses and reproductive organs] Kirchgessner M, et al. **Ann Nutr Metab** 1985;29(3):138-46 (Eng. Abstr.) **(Ger)**

[Liver and blood enzyme spectra of rats with model anthracosis based on feeding a diet with additional amounts of methionine and pyridoxine] Pichkhadze GM. **Biull Eksp Biol Med** 1985 Apr;99(4):430-1 (Eng. Abstr.) **(Rus)**

[Nootropic drugs in the acute period of cerebral stroke] Zinchenko VA, et al. **Vrach Delo** 1985 Jan;(1):85-6 **(Rus)**

ADVERSE EFFECTS

Pyridoxine dependent seizures [letter] Reynolds RD. **Arch Dis Child** 1984 Sep;59(9):906-7

Where did you get those shoes ? Ferguson RK. **Arch Intern Med** 1984 Dec;144(12):2406-7

Motor and sensory neuropathy secondary to excessive pyridoxine ingestion. Foca FJ. **Arch Phys Med Rehabil** 1985 Sep;66(9):634-6

Debendox revisited. Elbourne D, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):780-5

Contact allergy to hydrocortisone 17-butyrate and pyridoxine hydrochloride. Yoshikawa K, et al. **Contact Dermatitis** 1985 Jan;12(1):55-6

Pyridoxine for neonatal seizures: an unexpected danger. Kroll JS. **Dev Med Child Neurol** 1985 Jun;27(3):377-9

Pyridoxine and the premenstrual syndrome [letter] Brush MG, et al. **Lancet** 1985 Jun 15;1(8442):1399

Government resists 'irresponsible' Debendox campaign. Deitch R. **Lancet** 1984 Oct 27;2(8409):993

Successful treatment of infantile type I primary hyperoxaluria complicated by pyridoxine toxicity [letter] de Zegher F, et al. **Lancet** 1985 Aug 17;2(8451):392-3

Phocomelia in infant whose mother took large doses of pyridoxine during pregnancy [letter] Gardner LI, et al. **Lancet** 1985 Mar 16;1(8429):636

Debendox and pregnancy [letter] **Med J Aust** 1984 Dec 8-22; 141(12-13):897-8

The creation of therapeutic orphans--or, what have we learnt from the Debendox fiasco? Sheffield LJ, et al. **Med J Aust** 1985 Aug 19;143(4):143-7 (50 ref.)

Congenital heart disease in relation to maternal use of Bendectin and other drugs in early pregnancy. Zierler S, et al. **N Engl J Med** 1985 Aug 8;313(6):347-52

Bendectin/debendox. Drug not guilty, says court [news] Beardsley T. **Nature** 1985 Mar 21-27;314(6008):209

Sensory neuropathy with low-dose pyridoxine. Parry GJ, et al. **Neurology** 1985 Oct;35(10):1466-8

Nutritional supplementation with megadoses of vitamin B6. Effective therapy, placebo, or potentiator of neuropathy? Podell RN. **Postgrad Med** 1985 Feb 15;77(3):113-6

Jury clears Bendectin [news] Kolata G. **Science** 1985 Mar 29;227(4694):1559

ANALOGS & DERIVATIVES

The measurement of plasma vitamin B6 compounds: comparison of a cation-exchange HPLC method with the open-column chromatographic method and the L-tyrosine apodecarboxylase assay. Lui A, et al. **Am J Clin Nutr** 1985 Jun;41(6):1236–43

Effect of pyridoxine alpha-ketoglutarate (PAK) on ammonia and pyruvic and lactic acid blood levels in patients with cirrhosis. Salerno F, et al. **Int J Clin Pharmacol Res** 1983; 3(1):21–5

Piridoxilate-associated calcium oxalate urinary calculi: a new metabolic drug-induced nephrolithiasis [letter] Daudon M, et al. **Lancet** 1985 Jun 8;1(8441):1338

The effects of vitamin B6 deprivation with 4-deoxypyridoxine in meal-fed rats. Hoover-Plow JL, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):234–9

[Recurrent calcium oxalate calculi in patients treated with piridoxylate (letter)] Daudon M, et al. **Presse Med** 1985 Apr 13;14(15):846–7 **(Fre)**

[Drug-induced oxalic lithiasis from pyridoxilate (letter)] Wolf C, et al. **Presse Med** 1984 Dec 8;13(44):2703 **(Fre)**

[Effect of nootropic drugs on normal and disturbed sleep of the elderly: controlled studies with pyridoxilate and street noise] Saletu B, et al. **Wien Klin Wochenschr** 1984 Nov 23;96(22):817–22 (Eng. Abstr.) **(Ger)**

[Interaction with cytochrome P-450 as one of the mechanisms of protective action of 3-hydroxypyridines in the diethylnitrosamine poisoning of animals.] Shuliakovskaia TS, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Nov–Dec;(6):950–3 (Eng. Abstr.) **(Rus)**

ANALYSIS

Vitamin B6, vitamin C and folacin levels in milk from mothers of term and preterm infants during the neonatal period. Udipi SA, et al. **Am J Clin Nutr** 1985 Sep; 42(3):522–30

Liquid chromatographic determination of vitamin B-6 in foods. Vanderslice JT, et al. **J Assoc Off Anal Chem** 1984 Sep–Oct;67(5):999–1007

Quantities of B6 vitamers in human milk by high-performance liquid chromatography. Influence of maternal vitamin B6 status. Morrison LA, et al. **J Chromatogr** 1985 Feb 8;337(2):249–58

BIOSYNTHESIS

Vitamin B6 biosynthesis and glycolate reductase in Flavobacterium sp. 238-7. Tani Y, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Oct;30(5):415–20

BLOOD

Pyridoxine metabolism in carpal tunnel syndrome with and without peripheral neuropathy. Byers CM, et al. **Arch Phys Med Rehabil** 1984 Nov;65(11):712–6

Measurements of B1, B2, B6 status in children and their mothers attending a well-baby clinic in Bangkok. Changbumrung S, et al. **Int J Vitam Nutr Res** 1984; 54(2–3):149–59

Vitamin B-6 content of plasma of domestic animals determined by HPLC, enzymatic and radiometric microbiological methods. Coburn SP, et al. **J Nutr** 1984 Dec;114(12):2269–73

Evaluation of the erythrocyte aspartate aminotransferase activity coefficient as an indicator of the vitamin B-6 status of postpubertal gilts. Russell LE, et al. **J Nutr** 1985 Sep; 115(9):1117–23

METABOLISM

Differences in vitamin B6 status indicator responses between young and middle-aged women fed constant diets with two levels of vitamin B6. Lee CM, et al. **Am J Clin Nutr** 1985 Aug;42(2):226–34

Kinetic and thermodynamic parameters for Schiff base formation of vitamin B6 derivatives with amino acids. Wiesinger H, et al. **Arch Biochem Biophys** 1984 Nov 15; 235(1):34–40

The status of vitamin B6 metabolism in brains of genetically epilepsy-prone rats. Ebadi M, et al. **Epilepsia** 1985 Jul–Aug; 26(4):353–9

Morning sickness and vitamin B6 status of pregnant women. Schuster K, et al. **Hum Nutr Clin Nutr** 1985 Jan;39(1):75–9

Enzymes of vitamin B6 degradation. Purification and properties of two N-acetylamidohydrolases. Huynh MS, et al. **J Biol Chem** 1985 Feb 25;260(4):2379–83

Affinity chromatography of B6-vitamin-dependent enzymes: purification of pig-heart branched-chain amino acid transaminase. Korpela TK, et al. **J Chromatogr** 1985 Jan 18;318(2):333–41

Markedly increased circulating pyridoxal-5'-phosphate levels in hypophosphatasia. Alkaline phosphatase acts in vitamin B6 metabolism. Whyte MP, et al. **J Clin Invest** 1985 Aug;76(2):752–6

Uptake of pyridoxine by in vivo perfused segments of rat small intestine: a possible role for intracellular vitamin metabolism. Middleton HM 3d. **J Nutr** 1985 Aug; 115(8):1079–88

Intestinal absorption of thiamin in man compared with folate and pyridoxal and its subsequent urinary excretion. Davis RE, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Oct; 30(5):475–82

Vitamin B6- and protein concentrations in breast milk from mothers of preterm and term infants. Reinken L, et al. **Klin Padiatr** 1985 Jan–Feb;197(1):40–3

Vitamin B6 revisited. Evidence of subclinical deficiencies in various segments of the population and possible consequences thereof. Serfontein WJ, et al. **S Afr Med J** 1984 Sep 22;66(12):437–41 (42 ref.)

[Effective intraluminal concentration of riboflavin and pyridoxine in various intestinal segments of the rat] Daniel H, et al. **Z Ernahrungswiss** 1984 Dec;23(4):255–62 (Eng. Abstr.) **(Ger)**

[Comparison of vitamin B6 status of gravid and nongravid rats with varying vitamin B6 supplements] Reithmayer F, et al. **Z Ernahrungswiss** 1985 Mar;24(1):30–43 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Regulation of respiration and its related metabolism by vitamin B1 and vitamin B6 in Saccharomyces yeasts. Kamihara T, et al. **Adv Biochem Eng Biotechnol** 1984; 29:35–82 (91 ref.)

Effects of vitamin B12 and B6 on 2,5-hexanedione-induced neuropathy. Misumi J, et al. **Arch Toxicol** 1985 Jan; 56(3):204–6

Pyridoxine (Vit. B6) decreases opioids-induced hyperprolactinemia. Vescovi PP, et al. **Horm Metab Res** 1985 Jan;17(1):46–7

Effect of simultaneous administration of vitamin E and pyridoxine on erythrocyte membrane Na+K+ ATPase activity. Nadiger HA, et al. **Int J Vitam Nutr Res** 1984; 54(4):307–11

Effect of deficient and excess dietary vitamin B-6 on amino transaminase and glycogen phosphorylase activity and pyridoxal phosphate content in two muscles from postpubertal gilts. Russell LE, et al. **J Nutr** 1985 Sep; 115(9):1124–35

PHYSIOLOGY

[The role of vitamin B 6 in the body] Moswa L, et al. **J Pharm Belg** 1985 May–Jun;40(3):191–201 (63 ref.) (Eng. Abstr.) **(Fre)**

POISONING

Pyridoxine overdose in premenstrual syndrome [letter] Dalton K. **Lancet** 1985 May 18;1(8438):1168–9

THERAPEUTIC USE

Depressed plasma pyridoxal phosphate concentrations in adult asthmatics. Reynolds RD, et al. **Am J Clin Nutr** 1985 Apr;41(4):684–8

Combined estradiol and vitamin B6 treatment in women with major depression [letter] Holsboen F, et al. **Am J Psychiatry** 1985 May;142(5):658

Pyridoxine and amiodarone-induced photosensitivity. Mulrow JP, et al. **Ann Intern Med** 1985 Jul;103(1):68–9

Atypical presentations of pyridoxine-dependent seizures: a treatable cause of intractable epilepsy in infants. Goutières F, et al. **Ann Neurol** 1985 Feb;17(2):117–20

Vitamin B6, magnesium, and combined B6-Mg: therapeutic effects in childhood autism. Martineau J, et al. **Biol Psychiatry** 1985 May;20(5):467–78

Clinical trials of vitamin B6 and proline supplementation for gyrate atrophy of the choroid and retina. Hayasaka S, et al. **Br J Ophthalmol** 1985 Apr;69(4):283–90

Lupus vulgaris responding to double antituberculous therapy. Heller GL, et al. **Cutis** 1984 Nov;34(5):481–3

Pyridoxine in tetanus neonatorum [letter] Gupta AP, et al. **Indian Pediatr** 1984 Apr;21(4):345

Vitamin B6 and the premenstrual syndrome (PMS). Gunn AD. **Int Z Vitam Ernahrungsforsch [Beih]** 1985;27:213–24 (32 ref.)

Pyridoxine as an adjunct in the treatment of carpal tunnel syndrome. Amadio PC. **J Hand Surg [Am]** 1985 Mar; 10(2):237–41

Controlled trial of pyridoxine in the premenstrual syndrome. Williams MJ, et al. **J Int Med Res** 1985;13(3):174–9

Pyridoxine in carpal tunnel syndrome [letter] Scheyer RD, et al. **Lancet** 1985 Jul 6;2(8445):42

Furazolidone in peptic ulcer [letter] Zhao HY, et al. **Lancet** 1985 Aug 3;2(8449):276–7

Debendox and pregnancy [letter] **Med J Aust** 1984 Oct 13; 141(8):546–7

Acute isoniazid intoxication: reversal of CNS symptoms with large doses of pyridoxine. Brown A, et al. **Pediatr Pharmacol (New York)** 1984;4(3):199–202

Premenstrual syndrome. Tactics for intervention. Havens C. **Postgrad Med** 1985 May 15;77(7):32–7 (28 ref.)

Enzymology of the response of the carpal tunnel syndrome to riboflavin and to combined riboflavin and pyridoxine. Folkers K, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(22):7076–8

Primary Sjögren's syndrome treated with Efamol/Efavit. A double-blind cross-over investigation. Manthorpe R, et al. **Rheumatol Int** 1984;4(4):165–7

[Clinical and biochemical value of Magnesium + vitamin B6 combination in the treatment of residual autism in adults] Jonas C, et al. **Therapie** 1984 Nov–Dec;39(6):661–9 (Eng. Abstr.) **(Fre)**

[Supplement to the clinical study on the effectiveness of an anticataract preparation] Hockwin O, et al. **Fortschr Ophthalmol** 1985;82(3):237–9 (Eng. Abstr.) **(Ger)**

[Statistical analysis of conservative cataract therapy based on a controlled clinical study of the effectiveness of Phakan/Phakolen] Pau H. **Fortschr Ophthalmol** 1984; 81(4):337–40 (Eng. Abstr.) **(Ger)**

[Analgesic activity of Benexol-B12 in the painful vertebral syndrome] Destito D, et al. **Acta Vitaminol Enzymol** 1985; 7(1–2):9–18 (Eng. Abstr.) **(Ita)**

[Metadoxine in the treatment of vomiting in uremic patients under dialysis treatment] Di Paolo N, et al. **Clin Ter** 1984 Aug 15;110(3):221–9 (Eng. Abstr.) **(Ita)**

[Effect of methionine, retinol, tocopherol and pyridoxine on fibrogenesis in the lungs and vitamin metabolism in rats in an anthracosis model] Pichkhadze GM. **Farmakol Toksikol** 1984 Jul–Aug;47(4):98–102 (Eng. Abstr.) **(Rus)**

[Effect of pyridoxine, riboflavin and glutamic acid on lysosomal hydrolase activity of the liver and kidney of rats with severe mechanical injuries] Kobylianskii LN, et al. **Patol Fiziol Eksp Ter** 1985 Mar–Apr;(2):44–8 (Eng. Abstr.) **(Rus)**

TOXICITY

Comments on 'Teratogen update:bendectin' [letter] **Teratology** 1985 Jun;31(3):431–2

Editorial comment on comments on 'Teratogen update: Bendectin' [editorial] Brent RL. **Teratology** 1985 Jun; 31(3):429–30

[Peripheral sensory neuropathy produced by a megadose of vitamin B6] Ohnishi A, et al. **Sangyo Ika Daigaku Zasshi** 1985 Jun 1;7(2):201–5 (Eng. Abstr.) **(Jpn)**

PYRIDOXINE DEFICIENCY

see related
ANEMIA, SIDEROBLASTIC

BLOOD

Plasma pyridoxal-5-phosphate level as risk index for coronary artery disease. Serfontein WJ, et al. **Atherosclerosis** 1985 Jun;55(3):357–61

CHEMICALLY INDUCED

Pyridoxine deficiency in children treated with isoniazid. Pellock JM, et al. **Chest** 1985 May;87(5):658–61

COMPLICATIONS

Biochemical vitamin B6 deficiency in adults with chronic glomerulonephritides with and without the nephrotic syndrome. Labadarios D, et al. **Int J Vitam Nutr Res** 1984; 54(4):313–9

Changes in renal uptake of Tc-99m methylene diphosphonate (MDP) in stone-forming rats. McAfee JG, et al. **Invest Radiol** 1984 Nov–Dec;19(6):543–8

Theoretical involvement of vitamin B6 in tumour initiation. Prior FG. **Med Hypotheses** 1985 Apr;16(4):421–8

Vitamin B6 revisited. Evidence of subclinical deficiencies in various segments of the population and possible consequences thereof. Serfontein WJ, et al. **S Afr Med J** 1984 Sep 22;66(12):437–41 (42 ref.)

ENZYMOLOGY

Characterization of mitochondrial aspartate aminotransferase from the liver of pyridoxine-deficient rats. Nagata K, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):501–7

Effect of administration of triiodothyronine on aspartate aminotransferase in pyridoxine-deficient rats. Okada M, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Aug;30(4):335–40

METABOLISM

The effect of pyridoxine deficiency on the metabolism of the aromatic amino acids by isolated rat liver cells. Stanley JC, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):792–800

Effect of vitamin B-6 (pyridoxine) deficiency on lung elastin cross-linking in perinatal and weanling rat pups. Myers BA, et al. **Biochem J** 1985 Jul 1;229(1):153–60

Effect of pyridoxine deficiency on intestinal absorption of calcium and oxalate: chemical composition of brush border membranes in rats. Farooqui S, et al. **Biochem Med** 1984 Aug;32(1):34–42

Effect of estradiol on the oxalate metabolism in vitamin B6-deficient male rats. Sharma V, et al. **Biochem Med** 1984 Oct;32(2):216–24

Effect of pyridoxine deficiency on aromatic L-amino acid decarboxylase in adult rat brain. Siow YL, et al. **Exp Brain Res** 1985;59(3):575–81

Quantities of B6 vitamers in human milk by high-performance liquid chromatography. Influence of maternal vitamin B6 status. Morrison LA, et al. **J Chromatogr** 1985 Feb 8;337(2):249–58

Accumulation of linoleic and gamma-linolenic acids in tissue lipids of pyridoxine-deficient rats. Cunnane SC, et al. **J Nutr** 1984 Oct;114(10):1754–61

Effect of deficient and excess dietary vitamin B-6 on amino transaminase and glycogen phosphorylase activity and pyridoxal phosphate content in two muscles from postpubertal gilts. Russell LE, et al. **J Nutr** 1985 Sep; 115(9):1124–35

Enhancement of high affinity gamma-aminobutyric acid receptor binding in cerebellum of pyridoxine-deficient rat.

Paulose CS, et al. **Neurosci Lett** 1984 Aug 10;48(3):311-6

The effects of vitamin B6 deprivation with 4-deoxypyridoxine in meal-fed rats. Hoover-Plow JL, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):234-9

Vitamin B6 (pyridoxine)--some clinical implications [letter] Lichtigfeld FJ. **S Afr Med J** 1985 May 11;67(19):750

OCCURRENCE

Pyridoxine status in preschool children in northeast Thailand: a community survey. Changbumrung S, et al. **Am J Clin Nutr** 1985 Apr;41(4):770-5

Evaluation of pyridoxine intake and pyridoxine status among aged institutionalised people. Guilland JC, et al. **Int J Vitam Nutr Res** 1984;54(2-3):185-93

Vitamin B-6 status of southern adolescent girls. Driskell JA, et al. **J Am Diet Assoc** 1985 Jan;85(1):46-9

PHYSIOPATHOLOGY

The influence of vitamin B6 deficiency on somatosensory stimulus conduction in the rat. Claus D, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(2):102-5

Thyroid function in pyridoxine-deficient young rats. Dakshinamurti K, et al. **J Endocrinol** 1985 Mar; 104(3):339-44

PSYCHOLOGY

Effect of pyridoxine deficiency on the exploratory behavior of rats. Krishna AP, et al. **Int J Psychophysiol** 1984 Aug; 2(1):39-43

URINE

The assessment of the vitamin B6 status among Egyptian school children by measuring the urinary cystathionine excretion. Arafa AM, et al. **Int J Vitam Nutr Res** 1984; 54(4):321-7

PYRILAMINE see under **AMINOPYRIDINES**

PYRIMETHAMINE

ADMINISTRATION & DOSAGE

The chemotherapy of rodent malaria XXXV. Further studies on the retardation of drug resistance by the use of a triple combination of mefloquine, pyrimethamine and sulfadoxine in mice infected with P. berghei and 'P. berghei NS'. Peters W, et al. **Ann Trop Med Parasitol** 1984 Oct;78(5):459-66

A double-blind clinical trial of a combination of mefloquine, sulfadoxine and pyrimethamine in symptomatic falciparum malaria. Ekue JM, et al. **Bull WHO** 1985;63(2):339-43

Trials of mefloquine in vivax and of mefloquine plus 'fansidar' in falciparum malaria. Harinasuta T, et al. **Lancet** 1985 Apr 20;1(8434):885-8

Randomised comparative study of mefloquine, qinghaosu, and pyrimethamine-sulfadoxine in patients with falciparum malaria. Li GQ, et al. **Lancet** 1984 Dec 15;2(8416):1360-1

Combination of mefloquine with sulfadoxine-pyrimethamine compared with two sulfadoxine-pyrimethamine combinations in malaria chemoprophylaxis. Win K, et al. **Lancet** 1985 Sep 28;2(8457):694-5

Haematological safety of long-term malarial prophylaxis with dapsone-pyrimethamine. Cook IF, et al. **Med J Aust** 1985 Aug 19;143(4):139-41

Comparative drug trial of a sulfadoxine/pyrimethamine and a sulfalene/pyrimethamine combination against Plasmodium falciparum infections in semi-immune populations of Burma. Tin F, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun; 15(2):238-48

ADVERSE EFFECTS

Fansidar and hepatic granulomas [letter] Lazar HP, et al. **Ann Intern Med** 1985 May;102(5):722

Fatal multisystemic toxicity associated with prophylaxis with pyrimethamine and sulfadoxine (Fansidar). Selby CD, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):113-4

Leads from the MMWR. Adverse reactions to Fansidar and updated recommendations for its use in the prevention of malaria. **JAMA** 1985 Jan 25;253(4):483

Adverse reactions to pyrimethamine-sulfadoxine in context of AIDS [letter] Gottlieb MS, et al. **Lancet** 1985 Jun 15; 1(8442):1389

Adverse reactions associated with pyrimethamine-sulfadoxine prophylaxis for Pneumocystis carinii infections in AIDS [letter] Navin TR, et al. **Lancet** 1985 Jun 8;1(8441):1332

Adverse reactions to Fansidar and updated recommendations for its use in the prevention of malaria. **MMWR** 1985 Jan 4;33(51-52):713-4

Maloprim--general toxicity or idiosyncrasy? [letter] Vergara RV. **Papua New Guinea Med J** 1984 Mar;27(1):46

Erythema multiforme (Stevens-Johnson) precipitated by Fansidar. Adams SJ, et al. **Postgrad Med J** 1985 Mar; 61(713):263-4

[Clinical analysis of 112 cases of macrocytic anemia caused by pyrimethamine salt] Ma DC. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):269 **(Chi)**

[Is the use of Fansidar as an antimalarial justified? (letter)] Olsen VV. **Ugeskr Laeger** 1985 Feb 11;147(7):624-5 **(Dan)**

ANALOGS & DERIVATIVES

In vitro antimalarial activity of tetrahydrofolate dehydrogenase inhibitors. Sixsmith DG, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):772-6

ANTAGONISTS & INHIBITORS

Antagonism of sulfadoxine and pyrimethamine antimalarial activity in vitro by p-aminobenzoic acid, p-aminobenzoylglutamic acid and folic acid. Watkins WM, et al. **Mol Biochem Parasitol** 1985 Jan;14(1):55-61

[Detection of pyrimethamine resistance in P. falciparum long after discontinuation of its use] Kuznetsov RL, et al. **Med Parazitol (Mosk)** 1984 Jul-Aug;(4):13-6 (Eng. Abstr.) **(Rus)**

BLOOD

Simultaneous determination of pyrimethamine and sulphadoxine in human plasma by high-performance liquid chromatography. Bergqvist Y, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):297-301

METABOLISM

The disposition of pyrimethamine in the isolated perfused rat liver. Coleman MD, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2193-7

Pyrimethamine pharmacokinetics and its tissue localization in mice: effect of dose size. Coleman MD, et al. **J Pharm Pharmacol** 1985 Mar;37(3):170-4

PHARMACODYNAMICS

In vitro antimalarial activity of tetrahydrofolate dehydrogenase inhibitors. Sixsmith DG, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):772-6

Mechanism of pyrimethamine resistance in recent isolates of Plasmodium falciparum. McCutchan TF, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):656-9

Plasmodium falciparum in Haiti: susceptibility to pyrimethamine and sulfadoxine-pyrimethamine. Nguyen-Dinh P, et al. **Bull WHO** 1984;62(4):623-6

A new in vitro test for pyrimethamine/sulfadoxine susceptibility of Plasmodium falciparum and its correlation with in vivo resistance in Kenya. Spencer HC, et al. **Bull WHO** 1984;62(4):615-21

Instability of resistance of Plasmodium falciparum to chloroquine and pyrimethamine in vitro. Sinha S, et al. **Indian J Malariol** 1985 Jun;22(1):49-51

A field test to assay pyrimethamine sensitivity of Plasmodium falciparum in vitro. Gajanana A, et al. **Indian J Med Res** 1984 Jul;80:112-6

The effect of sulphadoxine/pyrimethamine on gametocytes in falciparum malaria. Ittiravivongs A, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep; 15(3):323-5

[Controlling the binding of porphyrins to ligands using antimalarial agents] Kaláb M, et al. **Cas Lek Cesk** 1984 Dec 21;123(51):1566-8 (Eng. Abstr.) **(Cze)**

THERAPEUTIC USE

Tolerability of long-term prophylaxis with fansidar: a randomized double-blind study in Nigeria. Stemberger H, et al. **Acta Trop (Basel)** 1984 Dec;41(4):391-9

Clinical efficacy of sulfadoxine-pyrimethamine in the treatment of falciparum malaria in Sabah, Malaysia. Tan HS, et al. **Ann Acad Med Singapore** 1984 Apr;13(2):170-4

A comparison of the pyrimethamine and cycloguanil sensitivities of the pre-erythrocytic and erythrocytic stages of drug-sensitive and -resistant strains of Plasmodium yoelii. Howells RE, et al. **Ann Trop Med Parasitol** 1985 Jun;79(3):247-51

Fansidar in malaria prophylaxis [letter] Bradley DJ, et al. **Br Med J [Clin Res]** 1985 Jul 13;291(6488):136

Kenyan chloroquin, fansidar and quninine resistant P. Falciparum [letter] Turner GD. **Cent Afr J Med** 1984 Jul; 30(7):136-7

Protection against Plasmodium berghei yoelii in chloroquine- and pyrimethamine-treated mice. Pradhan VR, et al. **Folia Parasitol (Praha)** 1984;31(4):371-3

Qinghaosu, mefloquine, and pyrimethamine-sulfadoxine in falciparum malaria [letter] Arnold K. **Lancet** 1985 Mar 23; 1(8430):704

RI quinine-Fansidar resistant falciparum malaria from Malawi [letter] Warhurst DC, et al. **Lancet** 1985 Aug 10; 2(8450):330

Malaria prophylaxis for travellers [letter] Cook IF. **Med J Aust** 1985 Apr 1;142(7):427

Inadequate prophylaxis of malaria with dapsone-pyrimethamine. Cook IF. **Med J Aust** 1985 Mar 18;142(6):340-2

[2 years' experience with the treatment of symptomatic liver porphyria with pyrimethamine] Cervinka J, et al. **Cas Lek Cesk** 1985 Aug 30;124(35):1107-12 (Eng. Abstr.) **(Cze)**

[Experimental toxoplasmosis in mice. Comparative activity of clindamycin, midecamycin, josamycin, spiramycin, pyrimethamine-sulfadoxine, and trimethoprim-sulfamethoxazole] Garin JP, et al. **Ann Pediatr (Paris)** 1984 Nov;31(10):841-5 (Eng. Abstr.) **(Fre)**

[A case of malaria tropicameningoencephalitis (neuromalaria) with chloroquine and pyrimethamine/sulfadoxine resistance] Niklewski G, et al. **Nervenarzt** 1985 Feb; 56(2):101-5 **(Ger)**

TOXICITY

Vascular anomalies and pyrimethamine-induced malformations in the rat. Tangapregassom AM, et al. **Teratogenesis Carcinog Mutagen** 1985;5(1):55-62

URINE

A comparison of lignin test and filter paper spot test for the screening of the long acting sulfonamides in urine. Roy RG, et al. **Indian J Malariol** 1984 Dec;21(2):105-8

PYRIMIDINE DIMERS

Test of models for replication of simian virus 40 DNA following ultraviolet irradiation. Barnett SW, et al. **Biophys J** 1984 Sep;46(3):307-21

Pyrimidine dimer induction in E. coli DNA by Cerenkov emission associated with high energy X-irradiation. Morgan TL, et al. **Int J Radiat Biol** 1984 Oct;46(4):443-9

Inhibition of semiconservative DNA synthesis in ICR 2A frog cells by pyrimidine dimers and nondimer photoproducts induced by ultraviolet radiation. Rosenstein BS. **Radiat Res** 1984 Nov;100(2):378-86

ANALYSIS

DNA repair in an active gene: removal of pyrimidine dimers from the DHFR gene of CHO cells is much more efficient than in the genome overall. Bohr VA, et al. **Cell** 1985 Feb; 40(2):359-69

Structures of DNA containing psoralen crosslink and thymine dimer. Kim SH, et al. **Prog Clin Biol Res** 1985; 172A:143-52

GENETICS

UV stimulation of DNA-mediated transformation of human cells. van Duin M, et al. **Mol Cell Biol** 1985 Apr;5(4):734-41

METABOLISM

Inhibition of enzymic incision of thymine dimers by covalently bound 2-[N-[(deoxyguanosin-8-yl)acetyl]amino]fluorene in deoxyribonucleic acid. Duker NJ, et al. **Biochemistry** 1985 Jan 15;24(2):408-12

Fibroblasts from patients with Fanconi's anemia are not deficient in excision of thymine dimer. Klocker H, et al. **Eur J Cell Biol** 1985 May;37:240-2

Microinjected photoreactivating enzymes from Anacystis and Saccharomyces monomerize dimers in chromatin of human cells. Zwetsloot JC, et al. **Mutat Res** 1985 Jul;146(1):71-7

Efficiency of repair of pyrimidine dimers and psoralen monoadducts in normal and xeroderma pigmentosum human cells. Cleaver JE, et al. **Photochem Photobiol** 1984 Nov;40(5):621-9

PHARMACODYNAMICS

[Hydrophobic groups in nucleotide base stacking: a study of the role of methyl groups in thymine dimer hydration by the Monte Carlo method] Danilov VI. **Dokl Akad Nauk SSSR** 1984;278(4):994-7 **(Rus)**

RADIATION EFFECTS

(6-4)Photoproducts are removed from the DNA of UV-irradiated mammalian cells more efficiently than cyclobutane pyrimidine dimers. Mitchell DL, et al. **Mutat Res** 1985 Jul;143(3):109-12

Incandescent lamps can produce pyrimidine dimers in DNA. Ciarrocchi G, et al. **Photochem Photobiol** 1985 Jun; 41(6):703-5

The rate of removal of sunlight-induced pyrimidine dimers from the DNA of cultured human diploid fibroblasts. Kantor GJ, et al. **Photochem Photobiol** 1984 Jul; 40(1):137-40

Photorepair of pyrimidine dimers in the epidermis of the marsupial Monodelphis domestica. Ley RD. **Photochem Photobiol** 1984 Jul;40(1):141-3

Ultraviolet action spectra for DNA dimer induction, lethality, and mutagenesis in Escherichia coli with emphasis on the UVB region. Peak MJ, et al. **Photochem Photobiol** 1984 Nov;40(5):613-20

P-Aminobenzoic acid can sensitize the formation of pyrimidine dimers in DNA: direct chemical evidence. Sutherland JC, et al. **Photochem Photobiol** 1984 Sep; 40(3):391-4

Photoreactivation of UV-induced pyrimidine dimers and erythema in the marsupial Monodelphis domestica. Ley RD. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2409-11

[Combined effect of photoreactivation and temperature on the survival of cells from E. coli B, irradiated with short-wave UV light] Petrova IV, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):595-8 (Eng. Abstr.) **(Rus)**

PYRIMIDINE NUCLEOSIDES

ANALYSIS

[High performance liquid chromatographic determination of pyrimidine nucleobases and 5-fluorouracil labeled with a fluorescent reagent] Iwamoto M, et al. **Yakugaku Zasshi** 1984 Dec;104(12):1251-6 (Eng. Abstr.) **(Jpn)**

CHEMICAL SYNTHESIS

Synthesis and biological activities of 2-pyrimidinone nucleosides. 2. 5-Halo-2-pyrimidinone 2'-deoxyribonucleosides. Efange SM, et al. **J Med Chem** 1985 Jul;28(7):904-10

Potential inhibitors of S-adenosylmethionine-dependent methyltransferases. 10. Base- and amino acid modified analogues of S-aristeromycinyl-L-homocysteine. Houston DM, et al. **J Med Chem** 1985 Apr;28(4):478-82

Synthesis and biological activity of a novel adenosine analogue, 3-beta-D-ribofuranosylthieno[2,3-d]pyrimidin-4-one. Patil VD, et al. **J Med Chem** 1985 Apr;28(4):423-7

Nucleosides. 133. Synthesis of 5-alkenyl-1-(2-deoxy-2-fluoro-beta-D-arabinofuranosyl) and related pyrimidine nucleosides as potential antiviral agents. Perlman ME, et al. **J Med Chem** 1985 Jun; 28(6):741-8

Nucleic acid related compounds. 47. Synthesis and biological activities of pyrimidine and purine 'acyclic' nucleoside analogues. Robins MJ, et al. **J Med Chem** 1984 Nov; 27(11):1486-92

Antiviral activity, antimetabolic activity, and cytotoxicity of 3'-substituted deoxypyrimidine nucleosides. Stuart AL, et al. **J Pharm Sci** 1985 Mar;74(3):246-9

Synthesis and antiviral properties of 5-vinylpyrimidine nucleoside analogs. De Clercq E, et al. **Pharmacol Ther** 1984;26(1):1-44 (223 ref.)

[Synthesis and study of 5-(trialkylsilyl)pyrimidine nucleosides. A new alpha-2'-deoxynucleoside with antiherpes activity] Mel'nik SIa, et al. **Bioorg Khim** 1984 Dec;10(12):1645-54 (Eng. Abstr.) **(Rus)**

METABOLISM

Structural modifications at the 2'- and 3'-positions of some pyrimidine nucleosides as determinants of their interaction with the mouse erythrocyte nucleoside transporter. Gati WP, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3325-31

Partial purification and some properties of a 5'-nucleotidase from chicken liver with activity toward pyrimidine nucleoside monophosphates. Calvaruso G, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30;61(3):335-41

Structure-intestinal transport and structure-metabolism correlations of some potential cancerostatic pyrimidine nucleosides in isolated rat jejunum. Novotný L, et al. **Cancer Chemother Pharmacol** 1984;13(3):195-9

Modulation of 5-fluorouracil catabolism in isolated rat hepatocytes with enhancement of 5-fluorouracil glucuronide formation. Sommadossi JP, et al. **Cancer Res** 1985 Jan;45(1):116-21

Salvage of circulating pyrimidine nucleosides by tissues of the mouse. Moyer JD, et al. **J Biol Chem** 1985 Mar 10; 260(5):2812-8

Incorporation of 5-substituted pyrimidine nucleoside analogues into DNA of a thymidylate synthetase-deficient murine FM3A carcinoma cell line. Balzarini J, et al. **Methods Find Exp Clin Pharmacol** 1985 Jan;7(1):19-28

Uphill transport of pyrimidine nucleosides in renal brush border vesicles. Le Hir M, et al. **Pflugers Arch** 1985 Jul; 404(3):238-43

PHARMACODYNAMICS

Acyclic pyrimidine nucleoside analogues: influence on growth of L5178y mouse lymphoma cells and antiherpes activity in KB cells. Allen LB, et al. **Chemotherapy** 1985; 31(2):151-9

Inhibition of Escherichia coli cytidine deaminase by a phosphapyrimidine nucleoside. Ashley GW, et al. **J Biol Chem** 1984 Nov 10;259(21):13621-7

Influence of intermittent hypoxia and pyrimidinic nucleosides on cerebral enzymatic activities related to energy transduction. Dagani F, et al. **Neurochem Res** 1984 Aug; 9(8):1085-99

PYRIMIDINE NUCLEOTIDES

[Interaction of DNA and hydrogen peroxide. A method of localizing pyrimidine bases in DNA] Sverdlov ED, et al. **Bioorg Khim** 1983 Dec;9(12):1696-8 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Pyrimidine nucleotide metabolism in cardiac hypertrophy. Rossi A, et al. **Eur Heart J** 1984 Dec;5 Suppl F:155-62

BLOOD

Abnormal erythrocyte pyrimidine nucleotides in uremic subjects. Angle CR, et al. **Nephron** 1985;39(3):169-74

CHEMICAL SYNTHESIS

Synthesis of N1- and N3-glycosyl pyrimidines from protected pyrimidines and halo sugars in the presence of tert-amine. Ozaki S, et al. **Nucleic Acids Symp Ser** 1984; (15):33-6

ISOLATION & PURIFICATION

Measurement of tissue purine, pyrimidine, and other nucleotides by radial compression high-performance liquid chromatography. Reiss PD, et al. **Anal Biochem** 1984 Jul; 140(1):162-71

METABOLISM

Re-utilization of pyrimidine nucleotides during rat liver regeneration. Nikolov EN, et al. **Biochem J** 1985 May 15; 228(1):27-33

1H and 15N NMR investigation of the interaction of pyrimidine nucleotides with ribonuclease A. Hahn U, et al. **Eur J Biochem** 1985 Feb 1;146(3):705-12

Pyrimidine deoxyribonucleotide metabolism in Acholeplasma laidlawii B-PG9. Williams MV, et al. **J Bacteriol** 1985 Mar; 161(3):1029-33

PHARMACODYNAMICS

Hemolytic anemia in hereditary pyrimidine 5'-nucleotidase deficiency. II. Effect of pyrimidine nucleotides and their derivatives on glycolytic and pentose phosphate shunt enzyme activity. Oda E, et al. **Clin Chim Acta** 1984 Aug 31;141(2-3):93-100

PYRIMIDINES

Base-pairing properties of O-methylated bases of nucleic acids. Energetic and steric considerations. Pohorille A, et al. **Biophys Chem** 1985 Jun;22(1-2):37-51 (63 ref.)

Theoretical studies on protein-nucleic acid interactions. II. Hydrogen bonding of amino acid side chains with bases and base pairs of nucleic acids. Kumar NV, et al. **Biopolymers** 1984 Oct;23(10):1995-2008

Theoretical studies on protein-nucleic acid interactions. III. Stacking of aromatic amino acids with bases and base pairs of nucleic acids. Kumar NV, et al. **Biopolymers** 1984 Oct; 23(10):2009-24

The risk of pharmacological dependence with buspirone. Tyrer P, et al. **Br J Clin Pract [Symp Suppl]** 1985 May; 38:91-4

Nomenclature Committee of the International Union of Biochemistry (NC-IUB). Nomenclature for incompletely specified bases in nucleic acid sequences. Recommendations 1984. **Eur J Biochem** 1985 Jul 1;150(1):1-5

Studies on oxidative modifications of nucleic acid pyrimidine bases. Harayama T, et al. **Nucleic Acids Symp Ser** 1984; (15):1-4

[Stability tests of a new pyrido (1.2-a) pyrimidine derivative (CH-150). I. Thermal decomposition] Plachy J, et al. **Acta Pharm Hung** 1985 Jan;55(1):8-16 (Eng. Abstr.) **(Hun)**

[Correlation between protonization coefficients measured in aqueous and water-ethanol solutions] Radeczky G, et al. **Acta Pharm Hung** 1985 May;55(3):119-25 (Eng. Abstr.) **(Hun)**

ADMINISTRATION & DOSAGE

Topical minoxidil for extended areate alopecia. Frentz G. **Acta Derm Venereol (Stockh)** 1985;65(2):172-5

Topically applied minoxidil in baldness. Novak E, et al. **Int J Dermatol** 1985 Mar;24(2):82-7 (24 ref.)

Topical minoxidil for hair regrowth. Vanderveen EE, et al. **J Am Acad Dermatol** 1984 Sep;11(3):416-21

Efficacy of tetroxoprim/sulphadiazine in the treatment of Pneumocystis carinii pneumonitis in rats. Hussain Z, et al. **J Antimicrob Chemother** 1985 May;15(5):575-8

Field efficacy of a morantel sustained release bolus for control of gastrointestinal nematodes in yearling steers. Hawkins JA, et al. **Vet Parasitol** 1985 Mar;17(3):229-38

[Effects of intravenous trapidil on patients with acute heart failure] Yamamori M, et al. **Kokyu To Junkan** 1985 Apr; 33(4):565-70 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

[Hepatotoxicity of isaxonine phosphate: 4 cases of severe subacute hepatitis] Davy A, et al. **Gastroenterol Clin Biol** 1984 Oct;8(10):715-9 (Eng. Abstr.) **(Fre)**

[Hepatitis induced by isaxonine phosphate. Clinical, biological, histoenzymological, biochemical data] Lageron A, et al. **Therapie** 1984 Sep-Oct;39(5):537-40 (Eng. Abstr.) **(Fre)**

[Hypertrichosis during treatment with minoxidil] Bencini PL, et al. **G Ital Dermatol Venereol** 1985 Mar-Apr; 120(2):137-40 (Eng. Abstr.) **(Ita)**

ANALYSIS

Liquid chromatographic determination of morantel tartrate in cattle feed. Goras JT, et al. **J Assoc Off Anal Chem** 1985 May-Jun;68(3):598-601

High-performance liquid chromatographic method for the analysis of purine and pyrimidine bases, ribonucleosides and deoxyribonucleosides in biological fluids. Boulieu R, et al. **J Chromatogr** 1985 May 3;339(2):380-7

Electrophore-labeling and alkylation of standards of nucleic acid pyrimidine bases for analysis by gas chromatography with electron-capture detection. Nazareth A, et al. **J Chromatogr** 1984 Nov 30;314:201-10

Microbore packed-column anion-exchange liquid chromatography of nucleobases, nucleosides and nucleotides. Rokushika S, et al. **J Chromatogr** 1985 Mar 1;320(2):335-42

Determination of minoxidil in bulk drug and pharmaceutical formulations by ion-pairing high-performance liquid chromatography. Asmus PA, et al. **J Pharm Sci** 1984 Sep; 73(9):1290-3

New, ionic side-products in oligonucleotide synthesis: formation and reactivity of fluorescent N-/purin-6-yl/pyridinium salts. Adamiak RW, et al. **Nucleic Acids Res** 1985 Apr 25;13(8):2989-3003

ANTAGONISTS & INHIBITORS

Effects of pyrimidine antagonists on sialic acid regeneration in HL-60 cells. Hindenburg AA, et al. **Cancer Res** 1985 Jul;45(7):3048-52

BIOSYNTHESIS

Influence of ammonium ions on hepatic de novo pyrimidine biosynthesis. Monks A, et al. **Arch Biochem Biophys** 1985 Jan;236(1):1-10

Regulation of pyrimidine biosynthesis in cultured L1210 cells by 3-deazauridine. Karle JM, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3739-42

Effect of 5-azacytidine on DNA methylation and on the enzymes of de novo pyrimidine biosynthesis in Bacillus subtilis Marburg strain. Guha S. **Eur J Biochem** 1984 Nov 15;145(1):99-106

Hepatic carbamoyl phosphate metabolism. Role of cytosolic and mitochondrial carbamoyl phosphate in de novo pyrimidine synthesis. Pausch J, et al. **Eur J Biochem** 1985 Jul 1;150(1):189-94

De novo pyrimidine biosynthesis in isolated rat hepatocytes. Quantitative aspects of the regulation by UTP. Rasenack J, et al. **J Biol Chem** 1985 Apr 10;260(7):4145-50

Inhibition of pyrimidine biosynthesis de novo in Plasmodium falciparum by 2-(4-t-butylcyclohexyl)-3-hydroxy-1,4-naphthoquinone in vitro. Hammond DJ, et al. **Mol Biochem Parasitol** 1985 Jan;14(1):97-109

[Ammonia metabolism during perinatal period--ontogenesis of enzymes in pyrimidine biosynthesis and urea cycle system] Nagasaki T. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Dec; 36(12):2525-32 (Eng. Abstr.) **(Jpn)**

[Ammonia metabolism of liver of the fetus induced experimental IUGR in rats--in respect of the enzymes in pyrimidin biosynthesis and urea cycle system] Nagasaki T. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan;37(1):24-30 (Eng. Abstr.) **(Jpn)**

BLOOD

Assay of human erythrocyte pyrimidine and deoxypyrimidine 5'-nucleotidase by isocratic reversed-phase high-performance liquid chromatography. Cook L, et al. **J Chromatogr** 1985 May 3;339(2):293-301

Human cyclic hematopoiesis is associated with aberrant purine metabolism. Osborne WR, et al. **J Lab Clin Med** 1985 Apr;105(4):403-9

[Simultaneous determination of trapidil and its metabolites in serum by high-performance liquid chromatography] Nakagawa H, et al. **Yakugaku Zasshi** 1984 Jun;104(6):635-9 (Eng. Abstr.) **(Jpn)**

CEREBROSPINAL FLUID

Diffusion of metioprim, tetroxoprim and sulphadiazine in the cerebrospinal fluid of dogs with healthy meninges and dogs with experimental meningitis. Vergin H, et al. **Chemotherapy** 1984;30(5):297-304

[Diffusion of tetroxoprim and sulfadiazine in the cerebrospinal fluid of neurosurgery patients] Albert F, et al. **Fortschr Med** 1984 Nov 8;102(41):1064-6 (Eng. Abstr.) **(Ger)**

CHEMICAL SYNTHESIS

Synthetic studies on an antitumor antibiotic, bleomycin. XIV. The synthesis of Boc-pyrimidoblamic acid. Otsuka M, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):520-6

Synthetic studies on an antitumor antibiotic, bleomycin. XIII. Synthesis of 2-formylpyrimidine, a key intermediate for the pyrimidine moiety of bleomycin. Otsuka M, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):515-9

Synthesis of new 2-(2-phenylethenyl)-4-oxo-4H-pyrido[1,2-a]pyrimidine-7 acids. Passarotti C, et al. **Farmaco [Sci]** 1984 Oct; 39(10):837-45

Antimycotic action of some amino-N-(5-pyrimidinyl)benzenesulfonamides. Pecorari P, et al. **Farmaco [Sci]** 1984 Sep;39(9):781-7

Folate antagonists. 21. Synthesis and antimalarial properties of 2,4-diamino-6-(benzylamino)pyrido[3,2-d]pyrimidines. Colbry NL, et al. **J Med Chem** 1985 Feb;28(2):248-52

Novel pyrimidine and 1,3,5-triazine hypolipidemic agents. d'Atri G, et al. **J Med Chem** 1984 Dec;27(12):1621-9

Synthesis and antidepressant profiles of phenyl-substituted 2-amino- and 2-[(alkoxycarbonyl)amino]-1,4,5,6-tetrahydropyrimidines. Weinhardt K, et al. **J Med Chem** 1985 Jun;28(6):694-8

Hypolipidemic activity of 6-amino-2-mercapto-5-methyl-pyrimidine-4-carboxylic acid and related derivatives in rodents. Hall IH, et al. **J Pharm Sci** 1985 Jul;74(7):759-64

Fluorescence labelling of pyrimidine nucleobases and their related compounds for high-performance liquid chromatography. Iwamoto M, et al. **Nucleic Acids Symp Ser** 1984;(15):21-4

Syntheses based on the tautomerism of purine and pyrimidine derivatives. Kondo K, et al. **Nucleic Acids Symp Ser** 1984;(15):9-12

Synthesis of N1- and N3-glycosyl pyrimidines from protected pyrimidines and halo sugars in the presence of tert-amine. Ozaki S, et al. **Nucleic Acids Symp Ser** 1984;(15):33-6

[Antidiabetic agents. 2. 2-(4-Toluidino)pyrimidine] Kreutzberger A, et al. **Arch Pharm (Weinheim)** 1984 Sep;317(9):749-53 (Eng. Abstr.) **(Ger)**

[Compounds with presumable antitumor activity. III. 1-Substituted N,N'-di-2-pyrimidinyl (or pyrazinyl)methylenediamine] Chimirri A, et al. **Farmaco [Sci]** 1984 Sep;39(9):797-805 (Eng. Abstr.) **(Ita)**

[Synthesis and biological properties of isoxazolo[5,4-d]pyrimidine derivatives] Machoń Z, et al. **Acta Pol Pharm** 1984;41(1):37-42 (Eng. Abstr.) **(Pol)**

DIAGNOSTIC USE

Studies on 18F-labeled pyrimidines III. Biochemical investigation of 18F-labeled pyrimidines and comparison with 3H-deoxythymidine in tumor-bearing rats and mice. Ishiwata K, et al. **Eur J Nucl Med** 1985;10(1-2):39-44

ISOLATION & PURIFICATION

HPLC analysis of E. coli rRNA on ASAHIPAK GS-520 and nucleobases, nucleosides and nucleotides on ASAHIPAK GS-320. Yasukawa K, et al. **Nucleic Acids Symp Ser** 1984;(15):109-12

Isolation of the adducts of platinum complexes and nucleic acid bases on the Dowex 50 W column. Oliński R, et al. **Z Naturforsch [C]** 1984 Nov-Dec;39(11-12):1052-6

METABOLISM

Possibility of 2,4,5-triamino-6-hydroxypyrimidine as an intermediate in the pathway of riboflavin biosynthesis. Nakajima K, et al. **Acta Vitaminol Enzymol** 1985;7(1-2):19-24

Minoxidil in breast milk [letter] Valdivieso A, et al. **Ann Intern Med** 1985 Jan;102(1):135

Percutaneous absorption of minoxidil in man. Franz TJ. **Arch Dermatol** 1985 Feb;121(2):203-6

Pyrimidine catabolism: individual characterization of the three sequential enzymes with a new assay. Traut TW, et al. **Biochemistry** 1984 May 22;23(11):2533-9

12 S small nuclear ribonucleoprotein-associated acidic-and pyrimidine-specific endoribonuclease from calf thymus and L5178y cells. Bachmann M, et al. **Biochim Biophys Acta** 1984 Oct 5;783(1):89-99

The relationship between buspirone bioavailability and dose in healthy subjects. Gammans RE, et al. **Biopharm Drug Dispos** 1985 Apr-Jun;6(2):139-45

Pyrimidine metabolism in Trichomonas vaginalis. Heyworth PG, et al. **FEBS Lett** 1984 Oct 15;176(1):55-60

Pyrimidine salvage in Giardia lamblia. Aldritt SM, et al. **J Exp Med** 1985 Mar 1;161(3):437-45

Lesch-Nyhan syndrome, caffeine model: increase of purine and pyrimidine enzymes in rat brain. Miñana MD, et al. **J Neurochem** 1984 Dec;43(6):1556-60

Regulation of pyrimidine salvage in Aspergillus nidulans: a role for the major regulatory gene are A mediating nitrogen metabolite repression. Shaffer PM, et al. **MGG** 1984;198(1):139-45

Purine and pyrimidine metabolism in the Trypanosomatidae. Hammond DJ, et al. **Mol Biochem Parasitol** 1984 Nov;13(3):243-61 (106 ref.)

The effect of dietary protein on the clearance of allopurinol and oxypurinol. Berlinger WG, et al. **N Engl J Med** 1985 Sep 26;313(13):771-6

Familial pyrimidinemia and pyrimidinuria associated with severe fluorouracil toxicity. Tuchman M, et al. **N Engl J Med** 1985 Jul 25;313(4):245-9

3H-TVX Q 7821: identification of 5-HT1 binding sites as target for a novel putative anxiolytic. Dompert WU, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Feb;328(4):467-70

Binding of the putative anxiolytic TVX Q 7821 to hippocampal 5-hydroxytryptamine (5-HT) recognition sites. Glaser T, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 May;329(3):211-5

Autoradiographic localization of [3H]buspirone binding sites in rat brain. Kaulen P, et al. **Neurosci Lett** 1985 Jan 21;53(2):191-5

Disorders associated with purine and pyrimidine metabolism. Edwards NL, et al. **Spec Top Endocrinol Metab** 1984;6:95-140 (138 ref.)

Lack of covalent binding of peroxisome proliferators nafenopin and Wy-14 643 to DNA in vivo and in vitro. Goel SK, et al. **Toxicol Lett** 1985 Jan;24(1):37-43

[The clinical pharmacokinetics of allopurinol. 1. Allopurinol adsorption sites and dose proportionality of allopurinol/oxipurinol bioavailability] Schuster O, et al. **Arzneimittelforschung** 1985;35(4):760-5 (Eng. Abstr.) **(Ger)**

[Pyrimidine metabolism in human hematodyscrasial cells: studies of intermediates in pyrimidine de novo pathway] Sugiura Y, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1581-6 (Eng. Abstr.) **(Jpn)**

[Topochemical aspects of pyrimidine specificity of ribonuclease A] Karpeĭskiĭ MIa, et al. **Bioorg Khim** 1983 Jun;9(6):803-14 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Effect of the morantel sustained-release bolus, used during one grazing season, on the sensitivity of Ostertagia and Cooperia to morantel tartrate in calves. Newby TJ, et al. **Am J Vet Res** 1985 Feb;46(2):424-5

Effects of trapidil and nitroglycerin on coronary circulation in conscious dogs. Noguchi K, et al. **Arzneimittelforsch** 1984;34(8):872-6

The effect of purine and pyrimidine bases on splenic plaque-forming cells and cellular immunity. Chalmers AH, et al. **Aust J Exp Biol Med Sci** 1984 Jun;62 (Pt 3):269-79

Probing sister chromatid exchange formation with halogenated pyrimidines. DuFrain RJ. **Basic Life Sci** 1984;29 Pt A:41-58

Misincorporation of deoxyuridine in human cells: consequences of antifolate exposure. Richards RG, et al. **Basic Life Sci** 1985;31:149-62

Specific changes in the protein composition of rat liver in response to the peroxisome proliferators ciprofibrate, Wy-14,643 and di-(2-ethylhexyl)phthalate. Watanabe T, et al. **Biochem J** 1985 May 1;227(3):767-75

Selective interaction of novel anxiolytics with 5-hydroxytryptamine1A receptors. Peroutka SJ. **Biol Psychiatry** 1985 Sep;20(9):971-9

Influence of trapidil derivatives on arachidonic acid- and prostaglandin endoperoxide analogue- induced platelet aggregation and thromboxane A2 formation. Heinroth I, et al. **Biomed Biochim Acta** 1984;43(8-9):S389-92

Influence of aspirin, molsidomine, trapidil, and some trapidil derivatives on arachidonic acid induced reversible thrombocyte aggregation in the rabbit. Zehl U, et al. **Biomed Biochim Acta** 1984;43(8-9):S381-4

The psychological effects of buspirone. Bond A. **Br J Clin Pract [Symp Suppl]** 1985 May;38:83-90

Neuropharmacological profile of buspirone: a non-benzodiazepine anxiolytic with specific mid-brain modulating properties. Leonard BE. **Br J Clin Pract [Symp Suppl]** 1985 May;38:74-82

Brain serotonin receptors as a target for the putative anxiolytic TVX Q 7821. Traber J, et al. **Brain Res Bull** 1984 Jun;12(6):741-4

Effects of minoxidil on blood pressure and cardiac hypertrophy in two-kidney, one-clip hypertensive rats. Fenje P, et al. **Can J Physiol Pharmacol** 1985 Feb;63(2):161-4

Paradoxical effect of BW 301U, a lipophilic antifolate, on methotrexate-inhibitable deoxyuridine incorporation by human hematopoietic cells. Iland HJ, et al. **Cancer Res** 1985 Aug;45(8):3962-8

Selective toxicity of a new lipophilic antifolate, BW301U, for methotrexate-resistant cells with reduced drug uptake. Taylor IW, et al. **Cancer Res** 1985 Mar;45(3):978-82

Buspirone, a novel nonbenzodiazepine anxiolytic. Kastenholz KV, et al. **Clin Pharm** 1984 Nov-Dec;3(6):600-7 (49 ref.)

Reduction in cortical 5HT2 receptor sensitivity after continuous gepirone treatment. Eison AS, et al. **Eur J Pharmacol** 1985 May 20;111(3):389-92

Buspirone increases locus coeruleus noradrenergic neuronal activity in vitro. Trulson ME, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):195-7

Trypanosoma brucei gambiense: growth in vitro of bloodstream forms inhibited by dichlorodiammineplatinum (II) compounds and hypolipidemic drugs. Balber AE, et al. **Exp Parasitol** 1985 Feb;59(1):74-80

Modification of the skeletal muscle energy metabolism induced by intermittent normobaric hypoxia and treatment with biological pyrimidines. Pastoris O, et al. **Farmaco [Sci]** 1985 Jun;40(6):442-53

In vitro suppression of human lymphocyte activity by minoxidil. Galbraith GM, et al. **Int J Dermatol** 1985 May;24(4):249-51

Topical minoxidil reduces blood pressure [letter] Ranchoff RE, et al. **J Am Acad Dermatol** 1985 Mar;12(3):586-7

Effect of salbutamol and the PDE-inhibitor RA 642 on the clonidine withdrawal syndrome in rats. Jonkman FA, et al. **J Auton Pharmacol** 1984 Sep;4(3):199-206

Species-specific irreversible inhibition of Neisseria gonorrhoeae dihydrofolate reductase by a substituted 2,4-diamino-5-benzylpyrimidine. Tansik RL, et al. **J Biol Chem** 1984 Oct 10;259(19):12299-305

Whole body and regional hemodynamic effects of minoxidil in the conscious dog. Humphrey SJ, et al. **J Cardiovasc Pharmacol** 1984 Nov-Dec;6(6):979-88

The in vitro interaction of RA-233 and several interferons on human cell lines. Wolf LM, et al. **J Med** 1984;15(1):15-21

Quantitative structure-activity relationships in cytokinin agonistic and antagonistic pyrido[2,3-d]pyrimidine derivatives: insights into receptor topology. Iwamura H, et al. **J Med Chem** 1985 May;28(5):577-83

Hypolipidemic activity of 4-pyrimidinecarboxylic acids in CF1 mice. Hall IH, et al. **J Pharm Sci** 1984 Dec;73(12):1819-20

Characteristic cardiovascular effects of RA642, a pyrimido-pyrimidine derivative, in anesthetized dogs. Koyama S. **J Pharmacol Exp Ther** 1985 May;233(2):480-4

The non-benzodiazepine anxiolytic buspirone inhibits stress-induced renin secretion and lowers heart rate. Van de Kar LD, et al. **Life Sci** 1985 Mar 25;36(12):1149-55

The effects of buspirone, BMY-13805 and 1-(2-pyrimidinyl)-piperazine on cat spinal reflexes. Matheson GK, et al. **Methods Find Exp Clin Pharmacol** 1985 May;7(5):231-8

Vasodilators and ventricular septal defect: comparison of prazosin, minoxidil, and hydralazine in a chronic lamb model. Boucek MM, et al. **Pediatr Res** 1984 Sep;18(9):859-64

Buspirone hydrochloride: a unique new anxiolytic agent. Pharmacokinetics, clinical pharmacology, abuse potential and clinical efficacy. Goldberg HL. **Pharmacotherapy** 1984 Nov-Dec;4(6):315-24 (10 ref.)

Preclinical pharmacology of buspirone hydrochloride. Skolnick P, et al. **Pharmacotherapy** 1984 Nov-Dec;4(6):308-14 (42 ref.)

Potentiation of the cell growth inhibitory effect of beta interferon by mopidamole. Biddle W, et al. **Proc Soc Exp Biol Med** 1984 Dec;177(3):487-90

Behavioral and 5-HT antagonist effects of ritanserin: a pure and selective antagonist of LSD discrimination in rat. Colpaert FC, et al. **Psychopharmacology (Berlin)** 1985;86(1-2):45-54

Prevention of coronary platelet aggregation with a phosphodiesterase inhibitor RX-RA 69. Machleidt C, et al. **Thromb Res** 1985 Mar 1;37(5):595-604

[Effect of trapidil on cerebral circulatory dynamics in cerebrovascular diseases] Minakami K. **Nippon Rinsho** 1985 Feb;43(2):383-8 **(Jpn)**

[Action of reumycin on the blood system in an experiment] Svinogeeva TP, et al. **Antibiotiki** 1984 Jul;29(7):516-9 (Eng. Abstr.) **(Rus)**

[Inhibition of thrombocyte spreading and the formation of thrombus-like aggregates bound with substrate by the anti-anginal agent trapidil] Mazurov AV, et al. **Vopr Med Khim** 1984 Jul-Aug;30(4):110-6 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Photoinduced reactions of anthraquinone antitumor agents with peptides and nucleic acid bases: an electron spin resonance and spin trapping study. Carmichael AJ, et al. **Arch Biochem Biophys** 1985 Mar;237(2):433-44

THERAPEUTIC USE

Controlled field trial on the anthelmintic effectiveness of the morantel sustained-release bolus in grazing calves. Presson BL, et al. **Am J Vet Res** 1984 Dec;45(12):2628-30

Effect of vasodilator treatment on the resolution of oleic acid injury in dogs. Bishop MJ, et al. **Am Rev Respir Dis** 1985 Mar;131(3):421-5

The effect of strategic anthelmintic treatment on the breeding performance and survival of ewes naturally infected with gastro-intestinal strongyles and protostrongylids. Pandey VS, et al. **Ann Rech Vet** 1984;15(4):491-6

Topical minoxidil therapy in hereditary androgenetic alopecia. De Villez RL. **Arch Dermatol** 1985 Feb;121(2):197-202

Topical minoxidil therapy and hair regrowth [editorial] Weiss VC, et al. **Arch Dermatol** 1985 Feb;121(2):191-2

Topical minoxidil lacks efficacy in alopecia areata [letter] White SI, et al. **Arch Dermatol** 1985 May;121(5):591

Evaluation of paste formulations of fenbendazole plus piperazine against benzimidazole-resistant cyathostomes in horses. Barger IA, et al. **Aust Vet J** 1985 Apr;62(4):139-40

Buspirone: its potential role in the treatment of general practice anxiety. Beaumont G. **Br J Clin Pract [Symp Suppl]** 1985 May;38:100-6

Clinical profile of buspirone. Knapp JE. **Br J Clin Pract [Symp Suppl]** 1985 May;38:95-9

Vasodilator treatment for mild to moderate heart failure. Effect of Ro 12-4713, a minoxidil analogue. Cocco G, et al. **Cardiology** 1984;71(4):184-9

Cardiovascular improvement due to RA642, a pyrimido-pyrimidine derivative, in canine endotoxin shock. Koyama S. **Circ Shock** 1984;13(4):341-51

Enhancement of resistance to Listeria monocytogenes infection in mice by pyrimidine analogs. Anthony LS, et al. **Clin Invest Med** 1984;7(4):343-8

Buspirone's advantages over benzodiazepine anxiolytics [editorial] Ereshefsky L. **Clin Pharm** 1984 Nov-Dec;3(6):654-5

Felodipine as an alternative to minoxidil in severe refractory hypertension. Wathen CG, et al. **Drugs** 1985;29 Suppl 2:157-8

A comparison of minoxidil and hydralazine in non-azotemic hypertensives. Johnson BF, et al. **J Hypertens** 1983 Jun;1(1):103-7

Minoxidil stimulates cutaneous blood flow in human balding scalps: pharmacodynamics measured by laser Doppler velocimetry and photopulse plethysmography. Wester RC, et al. **J Invest Dermatol** 1984 May;82(5):515-7

Refractory hypertension [letter] Gillum RF. **J Natl Med Assoc** 1984 Nov;76(11):1048

Neuropharmacology of buspirone. Riblet LA, et al. **Psychopathology** 1984;17 Suppl 3:69-78

Clinical studies of buspirone. Schuckit MA. **Psychopathology** 1984;17 Suppl 3:61-8

Potential problems associated with the controlled release of anthelmintics in grazing animals. Herd RP.

Vet Parasitol 1984 Nov;16(3–4):325–33 (36 ref.)

[Treatment of severe alopecia areata by local administration of minoxidil] De Prost Y, et al. **Ann Dermatol Venereol** 1984;111(6–7):613–4 **(Fre)**

[Cardiodynamic effects of an oxodiazolo-pyrimidine vasodilator in chronic cardiac insufficiency—cardioscintigraphic control] Strozzi C, et al. **Boll Soc Ital Cardiol** 1983 Oct;28(10):853–61 (Eng. Abstr.) **(Ita)**

[Cardiodynamic effects of an oxodiazole-pyrimidine vasodilator in chronic cardiac insufficiency under cardiac scintigraphic control] Strozzi C, et al. **Boll Soc Ital Cardiol** 1983 Oct;28(10):853–61 (Eng. Abstr.) **(Ita)**

[Treatment of refractory hypertension with combined minoxidil and captopril in low doses] Palatini P, et al. **G Ital Cardiol** 1984 Jun;14(6):401–6 (Eng. Abstr.) **(Ita)**

[Minoxidil for local application in the treatment of alopecia] Tosti A, et al. **G Ital Dermatol Venereol** 1985 May–Jun; 120(3):223–5 (Eng. Abstr.) **(Ita)**

[Results of prolonged use of minoxidil in patients with stable and malignant arterial hypertension] Leshchinskiĭ PM, et al. **Kardiologiia** 1985 Jan;25(1):88–9 **(Rus)**

[Mechanism of action of dialkylaminoethylthiol derivatives of pyrimidine and quinazoline] Tregubenko IP, et al. **Radiobiologiia** 1984 Nov–Dec;24(6):838–42 (Eng. Abstr.) **(Rus)**

TOXICITY

Dulcerozine-induced duodenal ulcers in rats: a simple, highly-reliable model for evaluating anti-ulcer agents. Kurebayashi Y, et al. **Arch Int Pharmacodyn Ther** 1984 Sep;271(1):155–68

Effect of uridine on response of 5-azacytidine-resistant human leukemic cells to inhibitors of de novo pyrimidine synthesis. Grant S, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5505–10

Sequential histologic study of rat liver during peroxisome proliferator [4-chloro-6-(2,3-xylidino)-2-pyrimidinylthio]-acetic acid (Wy-14,643)-induced carcinogenesis. Rao MS, et al. **JNCI** 1984 Oct;73(4):983–90

Gastric hyperacidity and duodenal ulcer formation induced by dulcerozine in rats. Kurebayashi Y, et al. **Jpn J Pharmacol** 1984 Sep;36(1):121–3

URINE

Does benzbromarone in therapeutic doses raise renal excretion of oxipurinol? Mertz DP, et al. **Klin Wochenschr** 1984 Dec 17;62(24):1170–2

PYRIMIDINONES

Merocyanine 540 recognizes membrane abnormalities of erythrocytes in chronic myelogenous leukemia. Reed JA, et al. **Cell Biol Int Rep** 1985 Jan;9(1):43–9

ADVERSE EFFECTS

Mechanism of action of divicine in a cell-free system and in glucose-6-phosphate dehydrogenase-deficient red cells. Baker MA, et al. **Toxicol Pathol** 1984;12(4):331–6

ANALYSIS

Residue methodology for AMDRO fire ant insecticide (AC 217,300) in pasture grass and crops. Stout SJ, et al. **J Assoc Off Anal Chem** 1985 Jan–Feb;68(1):71–5

CHEMICAL SYNTHESIS

Synthesis of 1,5-dihydro-5-(4-methoxyphenyl)-4H-pyrazolo[3,4-d]pyr and their ribosides and Mannich bases. Finlander P, et al. **Arch Pharm (Weinheim)** 1985 May;318(5):452–9

Nitrogen bridgehead compounds. 44. New antiallergic 4H-pyrido[1,2-a]pyrimidin-4-ones. 4. Hermecz I, et al. **J Med Chem** 1984 Oct;27(10):1253–9

METABOLISM

[A binding-site model for H2-antagonists of the 4-pyrimidinone type] Höltje HD, et al. **Arch Pharm (Weinheim)** 1985 Jun;318(6):542–8 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Effects of SK&F 93479 on experimentally induced ventricular arrhythmias in dogs, rats and mice. Dai S. **Agents Actions** 1984 Oct;15(3–4):131–6

Impairment of the calcium pump of human erythrocytes by divicine. Benatti U, et al. **Arch Biochem Biophys** 1985 Jun; 239(2):334–41

Divicine induces calcium release from rat liver mitochondria. Graf M, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):18–25

Antitumor effect of 6-phenyl-7(6H)-isoselenazolo[4,3-d]pyrimidone on the growth of Ehrlich ascites tumor. Ito H, et al. **Cancer Lett** 1985 Aug;28(1):61–8

Effect of diet particle size and feeding of H2-receptor antagonists on gastric ulcers in swine. Hedde RD, et al. **J Anim Sci** 1985 Jul;61(1):179–86

Protection by SK&F 93479 against the haemodynamic effects of coronary artery ligation in dogs. Dai S. **Pharmacol Res Commun** 1984 Oct;16(10):987–98

Merocyanine 540-mediated photosensitization of leukemia and solid tumor cells. Sieber F. **Prog Clin Biol Res** 1985; 172B:227–34

RADIATION EFFECTS

Assessment of electron irradiation damage to biomolecules by electron diffraction and electron energy-loss spectroscopy. Misra M, et al. **Ultramicroscopy** 1984; 15(4):337–43

THERAPEUTIC USE

Synthesis and structure-activity relationships of a new series of antiarrhythmic agents: 4,4-disubstituted hexahydro-3H-pyrido[1,2-c]pyrimidin-3-ones and related compounds. Chorvat RJ, et al. **J Med Chem** 1985 Sep; 28(9):1285–91

Effect of serotonin antagonism in schizophrenia: a pilot study with setoperone. Ceulemans DL, et al. **Psychopharmacology (Berlin)** 1985;85(3):329–32

TOXICITY

Diabetogenic action of alloxan-like compounds: cytotoxic effects of 5-hydroxy-pseudouric acid and dehydrouramil hydrate hydrochloride on rat pancreatic beta cells. Dominis M; et al. **Diabetologia** 1984 Sep;27(3):403–6

Selective killing of leukemic cells by merocyanine 540-mediated photosensitization. Sieber F, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7584–7

PYRIMIDONES see **PYRIMIDINONES**

PYRITHIAMINE see under **PYRIDINIUM COMPOUNDS**

PYRITHIOXIN see under **PYRIDINES**

PYROCATECHOLS see **CATECHOLS**

PYRODIFENIUM BROMIDE see under **PYRROLIDINES**

PYROGALLOL

METABOLISM

18O studies of pyrogallol cleavage by catechol 1,2-dioxygenase. Mayer RJ, et al. **J Biol Chem** 1984 Nov 10;259(21):13056–60

PHARMACODYNAMICS

[Hydroxylation products of hydrophobic xenobiotics—stabilizers of cytochrome P-450 in the hepatocytes] Novikov KN, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):294–6 (Eng. Abstr.) **(Rus)**

POISONING

[Case of successfully treated severe pyrogallic acid poisoning] Skolimowski J, et al. **Wiad Lek** 1984 Sep 15;37(18):1445–6 (Eng. Abstr.) **(Pol)**

PYROGENS

Investigation of the permeability of highly permeable polysulfone membranes for pyrogens. Klinkmann H, et al. **Contrib Nephrol** 1985;46:174–83

Fever and changes in plasma zinc and iron concentrations in the goat: the role of leukocytic pyrogen. Van Miert AS, et al. **J Comp Pathol** 1984 Oct;94(4):543–57

Microwave coupled plasma sterilization and depyrogenation I. System characteristics. Peeples RE, et al. **J Parenter Sci Technol** 1985 Jan–Feb;39(1):2–8

Microwave coupled plasma sterilization and depyrogenation II. Mechanisms of action. Peeples RE, et al. **J Parenter Sci Technol** 1985 Jan–Feb;39(1):9–15

Pyrogenicity of yeast mannans in rabbits. Nagase T, et al. **Microbiol Immunol** 1984;28(6):651–7

Specific absorption with monoclonal antibodies to muramyl dipeptide of the pyrogenic and somnogenic activities of rabbit monokine. Chedid L, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5888–91

The search for an endogenous activator. Gekowski KM, et al. **Yale J Biol Med** 1985 Mar–Apr;58(2):153–63

[Avoidance of seasonal pyrogen reactions] Pan QW. **Chung Hua Hu Li Tsa Chih** 1985 Jun;20(3):163–4 **(Chi)**

ANALYSIS

Human leukocytic pyrogen test for detection of pyrogenic material in growth hormone produced by recombinant Escherichia coli. Dinarello CA, et al. **J Clin Microbiol** 1984 Sep;20(3):323–9

[Preparation of 99mTc radiopharmaceuticals; quality control. Detection of pyrogens by the Limulus amebocyte lysate test] Rey T, et al. **Rev Invest Clin** 1985 Apr–Jun; 37(2):165–70 (Eng. Abstr.) **(Spa)**

BIOSYNTHESIS

The fever of gout: urate crystals activate endogenous pyrogen production from human and rabbit mononuclear phagocytes. Duff GW, et al. **Trans Assoc Am Physicians** 1983;96:234–45

Studies on the production of endogenous pyrogen by rabbit monocytes: the role of calcium and cyclic nucleotides. Sigal SL, et al. **Yale J Biol Med** 1985 Mar–Apr;58(2):165–78

BLOOD

[Limulus test using a chromogenic method: application to the control of pyrogens in blood derivatives] Martel F, et al. **Rev Fr Transfus Immunohematol** 1985 Jun; 28(3):237–50 (Eng. Abstr.) **(Fre)**

[Pyrogenic activity in the sera of febrile patients mediated by endogenous pyrogen and activators of adenyl cyclase] Nathal E, et al. **Rev Invest Clin** 1984 Apr–Jun;36(2):125–31 (Eng. Abstr.) **(Spa)**

PHARMACODYNAMICS

The influence of copper-dextran complex (C-79), non-steroid anti-inflammatory drugs and bacterial pyrogen on stabilization of rabbit erythrocyte membrane. Debowy J, et al. **Pol J Pharmacol Pharm** 1985 Jan–Feb;37(1):33–40

Effect of protein synthesis inhibitors on leukocytic pyrogen-induced in vitro hypothalamic prostaglandin production. Bernheim HA, et al. **Yale J Biol Med** 1985 Mar–Apr;58(2):179–87

Chemical characterization of an interleukin-1-inducing substance derived from human mixed leukocyte reactions: IL-1-inducing substance is not gamma interferon. Dinarello CA, et al. **Yale J Biol Med** 1985 Mar–Apr; 58(2):101–13

The effect of low ambient temperature on the febrile responses of rats to semi-purified human endogenous pyrogen. Stitt JT, et al. **Yale J Biol Med** 1985 Mar–Apr; 58(2):189–94

[Effect of prodigiozan and pyrogenal on the neural regulation of the frog heart] Piruzian LA, et al. **Farmakol Toksikol** 1985 Mar–Apr;48(2):69–72 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

[Experimental substantiation of immunomodulating therapy with sodium nucleinate in tuberculosis] Cernuşenko EF, et al. **Rev Ig [Pneumoftiziol]** 1984 Apr–Jun;33(2):143–50 (Eng. Abstr.) **(Rum)**

[Pyrogenic agents in the therapy of pulmonary tuberculosis patients suffering from alcoholism] Kalabukha VA, et al. **Probl Tuberk** 1985;(4):38–41 (Eng. Abstr.) **(Rus)**

TOXICITY

Toxicity of microbial products in cell culture. Ongrádi J, et al. **Folia Microbiol (Praha)** 1984;29(6):450–4

[Pyrogens and the Limulus test] Scheer R. **Pharm Unserer Zeit** 1984 Sep;13(5):137–46 **(Ger)**

[The pyrogenicity of spore suspensions of Clostridium butyricum] Dressel H, et al. **Pharmazie** 1985 Jan;40(1):59 **(Ger)**

PYROGLOBULINS see under **PARAPROTEINS**

PYROGLUTAMATE AMINOPEPTIDASE see under **AMINOPEPTIDASES**

PYROGLUTAMATE HYDROLASE see under **AMIDOHYDROLASES**

PYRONES see under **PYRANS**

PYRONINE see under **XANTHENES**

PYROPHOSPHATASES

ANALYSIS

The quaternary structure of E. coli inorganic pyrophosphatase is not required for catalytic activity. Borschik IB, et al. **FEBS Lett** 1985 May 6;184(1):65–7

GENETICS

Identification of the herpes simplex virus type 1 gene encoding the dUTPase. Preston VG, et al. **Virology** 1984 Oct 15;138(1):58–68

ISOLATION & PURIFICATION

Purification and properties of the phosphate eliminating enzyme involved in the biosynthesis of BH4 in man. Heintel D, et al. **Biochem Biophys Res Commun** 1985 Feb 28; 127(1):213–9

Isolation and subunit composition of membrane inorganic pyrophosphatase from rat-liver mitochondria. Volk SE, et al. **Biochim Biophys Acta** 1984 Dec 7;791(2):198–204

Rat intestinal nucleotide-sugar pyrophosphatase. Localization, partial purification, and substrate specificity. Byrd JC, et al. **J Biol Chem** 1985 Jun 25;260(12):7474–80

METABOLISM

Enzymatic patterns of the germ cells in the adluminal compartment of the testis in mammals and man; a comparative study. Goslar HG, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:129–33

The phosphate-pyrophosphate exchange and hydrolytic reactions of the membrane-bound pyrophosphatase of Rhodospirillum rubrum: effects of Mg2+, phosphate, and pyrophosphate. Celis H, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):766-74

Cartilage nucleoside triphosphate pyrophosphohydrolase. II. Role in extracellular pyrophosphate generation and nucleotide metabolism. Ryan LM, et al. **Arthritis Rheum** 1985 Apr;28(4):413-8

Formation of N tau-ribosylhistidine, a novel histidine derivative found in the urine in histidinemia, from histidine and NAD(P)+ catalyzed by an NAD(P)+ glycohydrolase system. Imamura I, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):501-7

Preparation of analogues of NAD+ as substrates for a sensitive fluorimetric assay of nucleotide pyrophosphatase. Muller CD, et al. **Biochem J** 1984 Nov 1;223(3):715-21

Yeast inorganic pyrophosphatase. A model for active-site structure based on 113Cd2+ and 31P NMR studies. Welsh KM, et al. **Biochemistry** 1984 Oct 9;23(21):4947-55

CDP-diglyceride hydrolase from pig liver mitochondria. Nicholson DW, et al. **Can J Biochem Cell Biol** 1984 Nov; 62(11):1205-16

Atypical phenylketonuria with 'dihydrobiopterin synthetase' deficiency: absence of phosphate-eliminating enzyme activity demonstrated in liver. Niederwieser A, et al. **Eur J Pediatr** 1985 May;144(1):13-6

Diphosphate concentration does not correlate with the level of inorganic diphosphatase in Escherichia coli. Kukko E, et al. **Folia Microbiol (Praha)** 1984;29(4):282-7

Inorganic pyrophosphate and inorganic pyrophosphatase in Escherichia coli. Kukko-Kalske E, et al. **Int J Biochem** 1985;17(5):575-80 (56 ref.)

Membrane-bound inorganic pyrophosphatase. Baltscheffsky M, et al. **Prog Clin Biol Res** 1984;164:199-207

[Various physico-chemical properties of inorganic pyrophosphatase from the mouse spleen] Komissarenko SV, et al. **Ukr Biokhim Zh** 1985 Jul-Aug;57(4):23-8 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Isoleucyl-tRNA synthetase from bakers' yeast: variable discrimination between tRNAIle and tRNAVal and different pathways of cognate and noncognate aminoacylation under standard conditions, in the presence of pyrophosphatase, elongation factor Tu-GTP complex, and spermine. Freist W, et al. **Biochemistry** 1984 Nov 20; 23(24):5742-52

PYROPHOSPHATES

Massive calcium pyrophosphate crystal deposition at the craniovertebral junction. el-Khoury GY, et al. **AJR** 1985 Oct;145(4):777-8

Pseudogout presenting with low synovial fluid glucose: identification of crystals by gram stain. Wheeler AP, et al. **Am J Med Sci** 1985 Feb;289(2):68-9

Phosphorolysis of acetyl phosphate by orthophosphate with energy conservation in the phosphoanhydride linkage of pyrophosphate. Vieyra A, et al. **Arch Biochem Biophys** 1985 May 1;238(2):574-83

Carpal tunnel syndrome associated with mixed calcium pyrophosphate dihydrate and apatite crystal deposition in tendon synovial sheath. Lagier R, et al. **Arthritis Rheum** 1984 Oct;27(10):1190-5

Calcium pyrophosphate dihydrate crystal deposition in rheumatoid arthritis [letter] McCarty DJ. **Arthritis Rheum** 1985 Jun;28(6):717-9

Role of water on the free energy of hydrolysis of pyrophosphate. deMeis L. **Curr Top Cell Regul** 1984; 24:15-9

A model for human calcium pyrophosphate crystal deposition disease: crystallization kinetics in a gelatin matrix. Mandel NS, et al. **Scan Electron Microsc** 1984;(Pt 4):1779-92

Calcium pyrophosphate deposition in nonhuman primates. Roberts ED, et al. **Vet Pathol** 1984 Nov;21(6):592-6

[A new type of DNA modification. Specific introduction of 3'-5'-pyrophosphate internucleotide bonds] Purmal' AA, et al. **Bioorg Khim** 1984 Mar;10(3):394-400 (Eng. Abstr.) **(Rus)**

[Calcium pyrophosphate crystal deposition disease] Bunchuk NV. **Ter Arkh** 1985;57(2):132-8 (90 ref.) **(Rus)**

ANALYSIS

Synovial fluid crystals in osteoarthritis. Gibilisco PA, et al. **Arthritis Rheum** 1985 May;28(5):511-5

Mean ionic charge on two components of technetium pyrophosphate prepared using stannous chloride. Russell CD, et al. **Int J Appl Radiat Isot** 1984 Sep;35(9):859-63

ANTAGONISTS & INHIBITORS

[The influence of diphosphonic analogues of inorganic pyrophosphate on reactions catalyzed by DNA-dependent RNA-polymerase II.] Komissarenko SV, et al. **Ukr Biokhim Zh** 1985 Mar-Apr;57(2):62-6 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Cartilage nucleoside triphosphate pyrophosphohydrolase. II. Role in extracellular pyrophosphate generation and nucleotide metabolism. Ryan LM, et al. **Arthritis Rheum** 1985 Apr;28(4):413-8

DIAGNOSTIC USE

Technetium-99m-pyrophosphate scintigraphy in patients with suspected acute myocardial infarction: impact of interobserver variability. Fisher ML, et al. **Am Heart J** 1985 Aug;110(2):347-52

Cardiac technetium-99m pyrophosphate scintigraphy in familial amyloidosis. Falk RH, et al. **Am J Cardiol** 1984 Nov 1;54(8):1150-1

Myocardial uptake of technetium-99m pyrophosphate in systemic amyloidosis [letter] Ptacin MJ. **Am J Cardiol** 1984 Oct 1;54(7):938-9

The noninvasive diagnosis of isolated right ventricular infarction. Garty I, et al. **Clin Nucl Med** 1984 Dec; 9(12):712-5

Selective, symmetric, skeletal muscle uptake of Tc-99m pyrophosphate in rhabdomyolysis. Haseman MK, et al. **Clin Nucl Med** 1985 Mar;10(3):180-3

Importance of markers in Tc-99m pyrophosphate myocardial images. Vasavada PJ, et al. **Clin Nucl Med** 1985 Feb; 10(2):115

Assessment of myocardial necrosis immediately after intracoronary thrombolysis by intracoronary injection of technetium-99m pyrophosphate. Schofer J, et al. **Eur Heart J** 1984 Aug;5(8):617-21

The diagnosis and early complications of right ventricular infarction. Garty I, et al. **Eur J Nucl Med** 1984;9(10):453-60

Radionuclide assessment of myocardial injury in a heterotopic rat heart transplant model. McGregor CG, et al. **Int J Nucl Med Biol** 1984;11(2):189-94

Right ventricular infarction: identification by hemodynamic measurements before and after volume loading and correlation with noninvasive techniques. Dell'Italia LJ, et al. **J Am Coll Cardiol** 1984 Nov;4(5):931-9

Effect of vitamin D3 on imaging of experimental myocardial infarcts with technetium-99m pyrophosphate: further studies of the role of calcium. Carr EA Jr, et al. **J Nucl Med** 1985 Feb;26(2):157-64

Acute uptake and chronic retention of infarct avid myocardial-seeking agents: 99Tcm-pyrophosphate and 125I-phenylphosphate. Castronovo FP Jr, et al. **Nucl Med Commun** 1984 Oct;5(10):647-54

The pyrophosphate heart scintigram in children with progressive muscular dystrophy. Duška F, et al. **Nuklearmedizin** 1984 Aug;23(4):189-91

[Evaluation of cardiac performance and infarct size in acute myocardial infarction: assessment by combination of first pass method of 99mTc-pyrophosphate and its myocardial scintigraphy] Hayashida K, et al. **Kaku Igaku** 1984 Dec; 21(12):1569-77 (Eng. Abstr.) **(Jpn)**

[Usefulness of myocardial scintigrams with technetium in the diagnosis of acute myocardial necrosis] Gherasim L, et al. **Rev Med Interna [Med Interna]** 1984 Jul-Aug;36(4):325-37 (Eng. Abstr.) **(Rum)**

[Phenomenon of pyrophosphate accumulation in the prognosis of different forms of ischemic heart disease] Sycheva IM, et al. **Kardiologiia** 1984 Aug;24(8):52-7 (Eng. Abstr.) **(Rus)**

[Clinical importance of 99mTc-pyrophosphate scintigraphy in the bicycle ergometry test] Vinogradov AV, et al. **Kardiologiia** 1985 May;25(5):9-14 (Eng. Abstr.) **(Rus)**

[Digital radiocardioangiography as an auxiliary method for the precise localization of zones of myocardial concentration of 99mTc-Sn(II)-pyrophosphate. Preliminary report] Cuarón A, et al. **Arch Inst Cardiol Mex** 1985 Jan-Feb;55(1):25-9 (Eng. Abstr.) **(Spa)**

METABOLISM

The phosphate-pyrophosphate exchange and hydrolytic reactions of the membrane-bound pyrophosphatase of Rhodospirillum rubrum: effects of Mg2+, phosphate, and pyrophosphate. Celis H, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):766-74

Chondrocytes that accumulate proteoglycans and inorganic pyrophosphate in the pathogenesis of chondrocalcinosis [letter] Ishikawa K. **Arthritis Rheum** 1985 Jan;28(1):118-20

Tumor-like soft tissue swelling of the distal phalanx due to calcium pyrophosphate dihydrate crystal deposition. Schumacher HR Jr, et al. **Arthritis Rheum** 1984 Dec; 27(12):1428-32

Characterization of pyrophosphate exchange by the reconstituted adenine nucleotide translocator from mitochondria. Krämer R. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):129-35

The deposition of calcium pyrophosphate and phosphate by matrix vesicles isolated from fetal bovine epiphyseal cartilage. Hsu HH, et al. **Calcif Tissue Int** 1984 Sep; 36(5):615-21

Diphosphate concentration does not correlate with the level of inorganic diphosphatase in Escherichia coli. Kukko E, et al. **Folia Microbiol (Praha)** 1984;29(4):282-7

Inorganic pyrophosphate and inorganic pyrophosphatase in Escherichia coli. Kukko-Kalske E, et al. **Int J Biochem** 1985;17(5):575-80 (56 ref.)

Sepsis and calcium pyrophosphate deposition disease in the same joint. A case report. Feller SR, et al. **J Am Podiatr Med Assoc** 1985 Mar;75(3):158-60

Phosphorylation enzymes of the propionic acid bacteria and the roles of ATP inorganic pyrophosphate, and polyphosphates. Wood HG, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):312-5

Transmission electron microscopic studies on articular calcium crystals and associated protein coatings. Schumacher HR, et al. **Scan Electron Microsc** 1984;(Pt 2):965-8

Histological study of a case of recurrent olecranon bursitis with mixed calcium pyrophosphate dihydrate and apatite crystal deposits. Lagier R, et al. **Virchows Arch [A]** 1985; 405(4):453-61

[Electric potential generation on the mitochondrial membrane during the hydrolysis of inorganic pyrophosphate] Dukhovich VF, et al. **Dokl Akad Nauk SSSR** 1983;272(2):496-9 **(Rus)**

[Comparative evaluation of the accumulation of 99mTc-labeled phosphate compounds in the bones] Atamaniuk NP, et al. **Eksp Onkol** 1985;7(1):66-7 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Inorganic phosphate, pyrophosphate and the diphosphonates activate bone (calvaria) glutaminase. Biltz RM, et al. **Adv Exp Med Biol** 1984;178:217-21

Prostaglandin (PG) E2 generation by cultured canine synovial fibroblasts exposed to microcrystals containing calcium. McCarty DJ, et al. **Ann Rheum Dis** 1985 May; 44(5):316-20

Thio-analogues of inorganic pyrophosphate inhibit the replication of influenza virus A in vitro. Hutchinson DW, et al. **Antiviral Res** 1985 Apr;5(2):67-73

Crystal-induced endogenous pyrogen production. A further look at gouty inflammation. Malawista SE, et al. **Arthritis Rheum** 1985 Sep;28(9):1039-46

Kinetic mechanism of pyrophosphate-dependent phosphofructokinase from Propionibacterium freudenreichii. Bertagnolli BL, et al. **Biochemistry** 1984 Aug 28;23(18):4101-8

Transferrin as a donor of iron to mitochondria. Effect of pyrophosphate and relationship to mitochondrial metabolism and heme synthesis. Nilsen T, et al. **Biochim Biophys Acta** 1984 Dec 20;802(3):448-53

The inhibition of muscle contraction by adenosine 5' (beta, gamma-imido) triphosphate and by pyrophosphate. Pate E, et al. **Biophys J** 1985 Jun;47(6):773-80

The inhibitory effects of ATP, ADP, and AMP on the rate of dissolution of calcium hydroxyapatite. Christoffersen MR, et al. **Calcif Tissue Int** 1984 Dec;36(6):659-61

Partially purified 'activated' receptor-glucocorticoid complex from rat liver: regulation of nuclear, chromatin, and DNA-cellulose binding of 'activated' complex by pyrophosphate and ATP. Horiuchi M, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):727-37

Trinitrophenylation of rabbit skeletal myosin by 2,4,6-trinitrobenzene sulfonate and treatment of trinitrophenyl myosin with dithiothreitol. Kodama S, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):831-6

[Kinetics of the interaction of methylene diphosphonic acid and inorganic pyrophosphate with DNA-dependent RNA-polymerase from calf thymus] Fomovskaia GN, et al. **Biokhimiia** 1985 May;50(5):839-43 (Eng. Abstr.) **(Rus)**

[The influence of diphosphonic analogues of inorganic pyrophosphate on activity of RNA-polymerases from the calf thymus.] Komissarenko SV, et al. **Ukr Biokhim Zh** 1985 Mar-Apr;57(2):56-62 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

The effect of soluble pyrophosphates on dental calculus in adults. Zacherl WA, et al. **J Am Dent Assoc** 1985 May; 110(5):737-8

URINE

Determination of inorganic pyrophosphate concentration in urine. Chang GG, et al. **Int J Biochem** 1985;17(6):733-5

PYROSIS see **HEARTBURN**

PYRROLAMIDOL see **DEXTROMORAMIDE**

PYRROLES

Zomepirac sodium (Zomax) hypersensitivity in aspirin-sensitive asthmatics. Pleskow WW, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1170-3

DNA structural variations produced by actinomycin and distamycin as revealed by DNAase I footprinting. Fox KR, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9271-85

The molecular origin of DNA-drug specificity in netropsin and distamycin. Kopka ML, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1376-80

Sequence-specific recognition of B-DNA by oligo(N-methylpyrrolecarboxamide)s. Youngquist RS, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2565-9

ADVERSE EFFECTS

Anaphylactic reactions to zomepirac. Sandler RH. **Ann Emerg Med** 1985 Feb;14(2):171-4

Anaphylactic reaction due to zomepirac. Levy DB, et al. **Drug Intell Clin Pharm** 1984 Dec;18(12):983-4

Tolmetin-induced urticaria/angioedema [letter] Ponte CD, et al. **Drug Intell Clin Pharm** 1985 Jun;19(6):479-80

Anaphylactoid reactions to tolmetin after interrupted dosage. Bretza JA, et al. **West J Med** 1985 Jul;143(1):55-9

ANALYSIS

Continuous body fluid monitoring for zomepirac by fully automated high-performance liquid chromatography. Müller H, et al. **Arzneimittelforsch** 1985;35(1):152-4

Tolmetin in breast milk [letter] Sagraves R, et al. **Drug Intell Clin Pharm** 1985 Jan;19(1):55-6

Stability of acyl glucuronides in blood, plasma, and urine: studies with zomepirac. Smith PC, et al. **Drug Metab Dispos** 1985 Jan-Feb;13(1):110-2

BLOOD

Influence of uremia and hemodialysis on the plasma protein binding of tolmetin. Pritchard JF, et al. **Pharmacology** 1984; 29(6):312-9

CHEMICAL SYNTHESIS

Tetrahydropyrrolo[1,2-a]quinoxalines and tetrahydropyrrolo[1,2-a]pyrido[3,2-a]pyrazines: vascular smooth muscle relaxants and antihypertensive agents. Abou-Gharbia M, et al. **J Med Chem** 1984 Dec; 27(12):1743-6

Synthesis and murine antineoplastic activity of bis[(carbamoyloxy)methyl] derivatives of pyrrolo[2,1-a]isoquinoline. Anderson WK, et al. **J Med Chem** 1984 Oct;27(10):1321-5

Synthesis and evaluation of furan, thiophene, and azole bis[(carbamoyloxy)methyl] derivatives as potential antineoplastic agents. Anderson WK, et al. **J Med Chem** 1984 Dec;27(12):1559-65

[N-aryl pyrrole derivatives with analgesic and anti-inflammatory activity 2. Pharmacologic modulation of the 1-arylpyrrole model] Thiault GA, et al. **Farmaco [Sci]** 1984 Sep;39(9):765-80 (Eng. Abstr.) **(Fre)**

[Antibacterial and antifungal agents. IV. Synthesis and antifungal activity of econazole analogs with pyrrole structure] Corelli F, et al. **Farmaco [Sci]** 1985 May; 40(5):315-24 (Eng. Abstr.) **(Ita)**

[Heterocyclic systems. V. Synthesis and CNS activity of derivatives of 6H-pyrrolo (1,2-a) (1,4)-benzodiazepine] Corelli F, et al. **Farmaco [Sci]** 1984 Aug;39(8):707-17 (Eng. Abstr.) **(Ita)**

[Substances with central nervous system activity. Derivatives of octahydro-1,4-dihydroxypyrrolo(1,2-a)pyrazine-6-carbox acids] Occelli E, et al. **Farmaco [Sci]** 1984 Aug;39(8):718-38 (Eng. Abstr.) **(Ita)**

[Non-steroidal anti-inflammatory agents. III. Synthesis and analgesic-anti-inflammatory activity of 4-(pyrrol-1-yl)phenylacetamides and 4-(pyrrol-1-yl)phenethylamines] Stefancich G, et al. **Farmaco [Sci]** 1984 Sep;39(9):752-64 (Eng. Abstr.) **(Ita)**

ISOLATION & PURIFICATION

Marine natural products: pyrrololactams from several sponges. Schmitz FJ, et al. **J Nat Prod** 1985 Jan-Feb; 48(1):47-53

METABOLISM

Reversible reduction of an alpha-imino acid to an alpha-amino acid catalyzed by glutamate dehydrogenase: effect of ionizable functional groups. Srinivasan R, et al. **Biochemistry** 1985 Jan 29;24(3):618-22

Effect of probenecid on the formation and elimination of acyl glucuronides: studies with zomepirac. Smith PC, et al. **Clin Pharmacol Ther** 1985 Aug;38(2):121-7

Conversion of glutamate to ornithine and proline: pyrroline-5-carboxylate, a possible modulator of arginine requirements. Jones ME. **J Nutr** 1985 Apr;115(4):509-15

Configuration of necine pyrroles--toxic metabolites of pyrrolizidine alkaloids. Kedzierski B, et al. **Toxicol Lett** 1985 May;25(2):115-9

[Specific protection of DNA by distamycin A, netropsin and bis-netropsins against the action of DNAse I] Skamrov AV, et al. **Mol Biol (Mosk)** 1985 Jan-Feb;19(1):177-95 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Distamycin A/DAPI bands and the effects of 5-azacytidine on the chromosomes of the chimpanzee, Pan troglodytes. Schmid M, et al. **Cytogenet Cell Genet** 1984;38(3):192-9

A-T specific DNA ligands and hypotonic induced supercondensation of chromocentre in brain cells of Drosophila nasuta larvae in relation to their synthetic activities. Roy JK, et al. **Indian J Exp Biol** 1984 Jun; 22(6):287-91

Zomepirac--aspirin interactions in man. Desiraju RK, et al. **J Clin Pharmacol** 1984 Aug-Sep;24(8-9):371-80

Synthesis and antiinflammatory and analgesic activity of 5-aroyl-1,2-dihydro-3H-pyrrolo[1,2-a]pyrrole-1-carboxy acids and related compounds. Muchowski JM, et al. **J Med Chem** 1985 Aug;28(8):1037-49

PHYSIOLOGY

The regulatory functions of proline and pyrroline-5-carboxylic acid. Phang JM. **Curr Top Cell Regul** 1985;25:91-132 (123 ref.)

Optical properties and structure of tetrapyrroles. A report of a symposium held at the University of Konstanz, FRG, August 12-17, 1984. Sund H, et al. **FEBS Lett** 1985 Jul 8;186(2):139-42

THERAPEUTIC USE

Cost of Tolectin [letter] Zarro VJ. **Am Fam Physician** 1985 Mar;31(3):23,26

Zomepirac, dihydrocodeine and placebo compared in postoperative pain after day-case surgery. The relationship between the effects of single and multiple doses. McQuay HJ, et al. **Br J Anaesth** 1985 Apr;57(4):412-9

Efficacy in anterior uveitis of two known steroids and topical tolmetin. Dunne JA, et al. **Br J Ophthalmol** 1985 Feb; 69(2):120-5

A double-blind comparison of the new ibuprofen-codeine phosphate combination, zomepirac, and placebo in the relief of postepisiotomy pain. Cater M, et al. **Clin Ther** 1985;7(4):442-7

The effects of nonsteroidal anti-inflammatory analgesics on pain after periodontal surgery. Vogel RI, et al. **J Am Dent Assoc** 1984 Nov;109(5):731-4

The effect of tolmetin on the chronic pain and decreased functional capacity associated with degenerative joint disease. Amadio P Jr, et al. **J Clin Pharmacol** 1985 Mar; 25(2):100-8

Central effects of zomepirac on pain evoked by intraneural stimulation in man. Schady W, et al. **J Clin Pharmacol** 1984 Oct;24(10):429-35

TOXICITY

Gastrointestinal ulcerogenic activity of tolmetin sodium in rats in comparison with those of indomethacin and aspirin. Yokoyama Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov; 32(11):4580-4

The ability of bifunctional and monofunctional pyrrole compounds to induce sister-chromatid exchange (SCE) in human lymphocytes and mutations in Salmonella typhimurium. Ord MJ, et al. **Mutat Res** 1985 May; 149(3):485-93

PYRROLIDINES

Atropine and caesarean section [letter] Downing JW. **Anaesth Intensive Care** 1985 May;13(2):210

Comparative effects of estradiol benzoate, the antiestrogen clomiphene citrate, and the progestin medroxyprogesterone acetate on kainic acid-induced seizures in male and female rats. Nicoletti F, et al. **Epilepsia** 1985 May-Jun;26(3):252-7

The blood-brain barrier lesion and the systemic convulsant model of epilepsy. Remler MP, et al. **Epilepsia** 1984 Oct; 25(5):574-7

Synthesis of C-analogues of kainic acids and their interaction with brain receptors. Bizzozero N, et al. **Farmaco [Sci]** 1984 Jul;39(7):612-7

Teenage procyclidine abuse [letter] McGucken RB, et al. **Lancet** 1985 Jun 29;1(8444):1514

Generalized epilepsy induced by kainic acid and anticonvulsant effect of N-aminomethylpiperazine-3,3-diethyl-2,4-pyridinedione. Belcheva I, et al. **Methods Find Exp Clin Pharmacol** 1984 Dec;6(12):743-6

Kainic acid derivatives with anticonvulsant activity. Collins JF, et al. **Neurosci Lett** 1984 Oct 26;51(3):371-6

Maturation of kainic acid seizure-brain damage syndrome in the rat. I. Clinical, electrographic and metabolic observations. Tremblay E, et al. **Neuroscience** 1984 Dec; 13(4):1051-72

Status epilepticus and brain maturation. Ricci GF, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Dec; 14(3):187-95

Usefulness of parenteral kainic acid as a model of temporal lobe epilepsy. Tremblay E, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Dec; 14(3):241-6

[Glycopyrrolate (Rubinol), an new substance with anticholinergic action (letter)] Hohmann G. **Anaesthesist** 1984 Aug;33(8):387-8 **(Ger)**

[Effects of zinc sulfate on limbic motor epilepsy induced by kainic acid] Bertino R, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1721-5 (Eng. Abstr.) **(Ita)**

ADMINISTRATION & DOSAGE

Combination propranolol and bepridil therapy in stable angina pectoris. Frishman WH, et al. **Am J Cardiol** 1985 Mar 15;55(7):43C-49C

Comparative efficacy of 200, 300 and 400 mg of bepridil for chronic stable angina pectoris. Shapiro W, et al. **Am J Cardiol** 1985 Mar 15;55(7):36C-42C

Hemodynamic assessment of intravenous bepridil administration in ischemic heart disease. Tamari I, et al. **Am J Cardiol** 1985 Mar 15;55(7):25C-29C

Electroencephalographic activity after kainic and ibotenic acid injections in the amygdaloid complex of rats. Jellestad FK, et al. **Brain Res** 1985 Aug 12;340(2):229-34

[Comparative study of various schedules of buflomedil treatment in peripheral arterial insufficiency of the lower limbs. Evaluation of its therapeutic efficacy] Paoletti V, et al. **Clin Ter** 1984 Jul 15;110(1):29-36 (Eng. Abstr.) **(Ita)**

[Flowmetric, thermometric and rheologic studies in obliterating arterial diseases of the lower extremities treated with buflomedil] Dorigo B, et al. **Minerva Med** 1985 Feb 25;76(7):269-75 (Eng. Abstr.) **(Ita)**

ADVERSE EFFECTS

Hypertension and intravenous antidopaminergic drugs [letter] Roche H, et al. **N Engl J Med** 1985 Apr 25;312(17):1125-6

ANALYSIS

Influence of solute polarity in column-switching chromatography for the assay of drugs in plasma and urine. Lecaillon JB, et al. **J Chromatogr** 1984 Dec 28;317:493-506

Determination of linogliride in biological fluids by high-performance liquid chromatography. Ng KT, et al. **J Chromatogr** 1984 Nov 28;311(2):418-23

[Hydrolysis of the antiemetic alizapride] Hoffmann H, et al. **Arzneimittelforsch** 1984;34(12):1714-5 (Eng. Abstr.) **(Ger)**

ANTAGONISTS & INHIBITORS

Anticonvulsant properties of 3-hydroxy-2-quinoxalinecarboxylic acid, a newly found antagonist of excitatory amino acids. Erez U, et al. **Eur J Pharmacol** 1985 Mar 26;110(1):31-9

Anticonvulsant activity of two novel piperazine derivatives with potent kainate antagonist activity. Chapman AG, et al. **Neurosci Lett** 1985 Apr 19;55(3):325-30

BLOOD

Determination of bepridil in biological fluids by high-performance liquid chromatography. Ng KT, et al. **J Chromatogr** 1984 Jul 13;309(1):125-31

Plasma protein binding of bepridil. Pritchard JF, et al. **J Clin Pharmacol** 1985 Jul-Aug;25(5):347-53

CHEMICAL SYNTHESIS

Synthesis of 2-methoxybenzylpyrrolidines of analgesic potential. Aboul-Enein MN, et al. **Acta Pharm Suec** 1985; 22(1):53-8

Pyridonecarboxylic acids as antibacterial agents. 4. Synthesis and antibacterial activity of 7-(3-amino-1-pyrrolidinyl)-1-ethyl-6-fluoro-1,4 -dihydro-4-oxo-1,8-naphthyridine-3-carboxylic acid and its analogues. Egawa H, et al. **J Med Chem** 1984 Dec; 27(12):1543-8

Synthesis and dopaminergic activity of 3-(3,4-dihydroxyphenyl)-1-n-propylpyrrolidine hydrobromide. Crider AM, et al. **J Pharm Sci** 1984 Nov; 73(11):1585-7

Anti-influenza A activity of some N-substituted bicyclo[3.2.1]octane-3-spiro-3'-pyrrolidine hydrochlorides: synthesis and structure. de la Cuesta E, et al. **J Pharm Sci** 1984 Sep;73(9):1307-9

Synthesis and pharmacological evaluation of aromatic dihydroxylated spiro[indan-1,3'-pyrrolidine] and spiro[indan-2,2'-pyrrolidine] derivatives. Sommerville R, et al. **J Pharm Sci** 1985 May;74(5):553-5

DIAGNOSTIC USE

Differentiation of two respiratory areas in the cat medulla using kainic acid. Morin-Surun MP, et al. **Respir Physiol** 1984 Dec;58(3):323-34

METABOLISM

Pharmacokinetics and metabolism of bepridil. Benet LZ. **Am J Cardiol** 1985 Mar 15;55(7):8C-13C

Reduction of 3H-kainic acid binding in rat cerebral cortex by chronic methamphetamine administration. Kashiwabara K, et al. **Biol Psychiatry** 1984 Aug;19(8):1173-82

L-[3H]Glutamate binds to kainate-, NMDA- and AMPA-sensitive binding sites: an autoradiographic analysis. Monaghan DT, et al. **Brain Res** 1985 Aug 12; 340(2):378-83

[3H]Kainic acid binding and choline acetyltransferase activity in Alzheimer's dementia. Pearce BR, et al. **Brain Res** 1984 Sep 24;310(2):376-8

Reduced kainic acid binding in rat hippocampal formation after limbic kindling. Savage DD, et al. **Brain Res** 1984 Dec 3;323(1):128-31

Pharmacokinetics and Pharmacodynamics of procyclidine in man. Whiteman PD, et al. **Eur J Clin Pharmacol** 1985; 28(1):73-8

In vitro metabolism of procyclidine in the rat. Paeme G, et al. **Eur J Drug Metab Pharmacokinet** 1984 Oct-Dec; 9(4):311-3

Pharmacokinetics of oxiracetam following intravenous and oral administration in healthy volunteers. Perucca E, et al. **Eur J Drug Metab Pharmacokinet** 1984 Jul-Sep; 9(3):267-74

[3H]U-69593 a highly selective ligand for the opioid kappa receptor. Lahti RA, et al. **Eur J Pharmacol** 1985 Feb 26; 109(2):281-4

Pharmacokinetics of buflomedil after intravenous administration in patients with chronic renal failure. Rey E, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Dec; 22(12):648-52

Pharmacokinetics of oral pramiracetam in normal volunteers. Chang T, et al. **J Clin Pharmacol** 1985 May-Jun;25(4):291-5

Absolute intramuscular, oral, and rectal bioavailability of alizapride. Houin G, et al. **J Pharm Sci** 1984 Oct;

73(10):1450-3

Maturation of kainic acid seizure-brain damage syndrome in the rat. III. Postnatal development of kainic acid binding sites in the limbic system. Berger ML, et al. **Neuroscience** 1984 Dec;13(4):1095-104

[Analysis of 3H-kainic acid binding to brain membranes in rats and frogs] Zharkovskiĭ AM, et al. **Biull Eksp Biol Med** 1985 May;99(5):586-9 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Atropine vs glycopyrrolate during reversal of pancuronium block in patients anaesthetized with halothane. Takkunen O, et al. **Acta Anaesthesiol Scand** 1984 Aug;28(4):377-80

A comparison of antihistaminic and sedative effects of some H1-receptor antagonists. Hägermark O, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:155-6

Alterations in contrast medium-induced coronary reactive hyperemia after bepridil in patients with coronary artery disease. Foult JM, et al. **Am Heart J** 1985 Feb;109(2):244-51

Hemodynamic effects of intravenous bepridil in patients with normal left ventricular function. Alpert JS, et al. **Am J Cardiol** 1985 Mar 15;55(7):20C-24C

Comparative electrophysiologic profiles of calcium antagonists with particular reference to bepridil. Singh BN, et al. **Am J Cardiol** 1985 Mar 15;55(7):14C-19C

Electrophysiologic, hemodynamic and metabolic effects of intravenous bepridil hydrochloride. Upward JW, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1589-95

Prevention of neostigmine-induced colonic activity. A comparison of atropine and glycopyrronium. Child CS. **Anaesthesia** 1984 Nov;39(11):1083-5

Antagonism of neuromuscular block in the elderly. A comparison of atropine and glycopyrronium in a mixture with neostigmine. Mirakhur RK. **Anaesthesia** 1985 Mar; 40(3):254-8

Comparison of atropine and glycopyrronium in patients with pre-existing cardiac disease. Mostafa SM, et al. **Anaesthesia** 1984 Dec;39(12):1207-13

Effects of the antiestrogen CI-628 on hCG-induced desensitization of testosterone in purified Leydig cells. Keel BA, et al. **Arch Androl** 1984;13(1):71-5

Pharmacological studies of 1-(2,3-dimethyl-4-methoxyphenyl)-2-methyl-3-(1-pyrrol propanone hydrochloride (AD-2239), a centrally acting muscle relaxant. Ito T, et al. **Arch Int Pharmacodyn Ther** 1985 May;275(1):105-22

Improvement of avoidance acquisition by the nootropic drug oxiracetam in mice. Sansone M, et al. **Arch Int Pharmacodyn Ther** 1985 May;275(1):86-92

Cardiovascular pharmacology of buflomedil. Vanhoutte PM. **Bibl Cardiol** 1984;(38):209-21 (40 ref.)

Dolichol-sugar derivative synthesis in human breast cancer cell line (T47D). Effects of estrogens and antiestrogens. Santa Cruz AR, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):382-8

Conformations of alternating purine-pyrimidine DNAs in high-CsF solutions and their reversal by dipyrandium, ethidium and high temperature. Kypr J, et al. **Biochim Biophys Acta** 1985 Feb 15;838(2):244-51

Sequence-dependent changes in the chiroptical properties of DNA upon interaction with dipyrandium. Vorlíčková M, et al. **Biochim Biophys Acta** 1985 Feb 15;838(2):236-43

Dose-dependent inhibition of the preovulatory surges of gonadotropins and prolactin by the antiestrogen CI-628: possible sites of action. De Paolo LV. **Biol Reprod** 1985 May;32(4):745-52

Comparison of the ocular effects of atropine or glycopyrrolate with two I.V. induction agents. Greenan J, et al. **Br J Anaesth** 1985 Feb;57(2):180-3

Comparison between glycopyrrolate and atropine in a mixture with neostigmine for reversal of neuromuscular blockade. Studies in patients following open heart surgery. Salem MG, et al. **Br J Anaesth** 1985 Feb;57(2):184-7

Pattern of CNS recovery following reversal of neuromuscular blockade. Comparison of atropine and glycopyrrolate. Sheref SE. **Br J Anaesth** 1985 Feb; 57(2):188-91

Kainic acid and penicillin: differential effects on excitatory and inhibitory interactions in the CA1 region of the hippocampal slice. Aitken PG. **Brain Res** 1985 Jan 28; 325(1-2):261-9

Recovery of function following injections of kainic acid: behavioral, electrophysiological and neuroanatomical correlates. Fowler KR, et al. **Brain Res** 1984 Oct 29; 321(1):21-32

Do kainate-lesioned hippocampi become epileptogenic? Franck JE, et al. **Brain Res** 1985 Mar 11;329(1-2):309-13

Cardiorespiratory effects produced by application of L-glutamic and kainic acid to the ventral surface of the cat hindbrain. Gatti PJ, et al. **Brain Res** 1985 Mar 18; 330(1):21-9

Effects of intrahypothalamic kainic acid injection on taurine levels, binding and uptake. Hanretta AT, et al. **Brain Res** 1985 Jul 15;338(2):351-4

Effect of kainic acid lesions of the cerebellar interpositus nucleus on eyelid conditioning in the rabbit. Lavond DG, et al. **Brain Res** 1985 Feb 4;326(1):179-82

Fast and slow depolarizing potentials induced by short pulses of kainic acid in hippocampal neurons. Sawada S, et al. **Brain Res** 1984 Dec 24;324(2):279-87

Degeneration of cholinergic neurons in the basal nucleus following kainic or N-methyl-D-aspartic acid application to the cerebral cortex in the rat. Sofroniew MV, et al. **Brain Res** 1985 Jul 22;339(1):186-90

Kainic acid-induced seizures: dose-relationship of behavioural, neurochemical and histopathological changes. Sperk G, et al. **Brain Res** 1985 Jul 15;338(2):289-95

Retinal ganglion cell loss produced by intraocular kainic acid in cats: variation with somal size and eccentricity. Trejo LJ. **Brain Res** 1985 Jun 3;335(2):221-30

Anticonvulsant action of beta-kainic acid in mice. Is beta-kainic acid an N-methyl-D-aspartate antagonist? Turski L, et al. **Brain Res** 1985 Jun 10;336(1):162-6

Multi-dimensional analyses of behavior in mice treated with U-50,488H, a purported kappa (non-mu) opioid agonist. Ukai M, et al. **Brain Res** 1985 Jul 1;337(2):352-6

Anisomycin blocks the late phase of long-term potentiation in the dentate gyrus of freely moving rats. Krug M, et al. **Brain Res Bull** 1984 Jul;13(1):39-42

Calcium influx accompanies but does not cause excitotoxin-induced neuronal necrosis in retina. Price MT, et al. **Brain Res Bull** 1985 Apr;14(4):369-76

Effect of halogenated anaesthetics on heart rate changes during reversal of neuromuscular block with glycopyrrolate and neostigmine. Samra SK, et al. **Can Anaesth Soc J** 1984 Nov;31(6):619-23

The inhibitory effect of glycopyrrolate on human plasma-cholinesterase. Zsigmond EK, et al. **Can Anaesth Soc J** 1985 Jan;32(1):20-2

Studies on papillary function and effect of prifinium bromide and other antispasmodics on motility of the papillary region (sphincter of Oddi) in humans. Kobayashi K, et al. **Clin Ther** 1985;7(2):154-63

Effect of antiestrogen CI-628 on the morphology and 17 beta-hydroxysteroid dehydrogenase activity of mouse blastocysts in culture. Wu JT, et al. **Contraception** 1984 Sep;30(3):271-8

CI628 inhibits follicle-stimulating hormone (FSH)-induced increases in FSH receptors of the rat ovary: requirement of estradiol for FSH action. Tonetta SA, et al. **Endocrinology** 1985 Feb;116(2):715-22

Disparate effects of triphenylethylene antiestrogens on estrogen and progestin biosyntheses by cultured rat granulosa cells. Welsh TH Jr, et al. **Endocrinology** 1984 Oct;115(4):1275-82

Effects of pre-anaesthetic glycopyrrolate and cimetidine on gastric fluid acidity and volume in children. Manchikanti L, et al. **Eur J Anaesthesiol** 1984 Jun;1(2):123-31

The excitatory actions of kainic acid and some derivatives at the crab neuromuscular junction. King AE, et al. **Eur J Pharmacol** 1984 Jun 15;102(1):129-34

Antifibrillatory actions of bepridil and butyl-MDI, two intracellular calcium antagonists. Lynch JJ, et al. **Eur J Pharmacol** 1985 Apr 23;111(1):9-15

Altered time course of changes in the hippocampal concentration of excitatory and inhibitory amino acids during kainate-induced epilepsy. Nicoletti F, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):133-7

Effects of alpha-kainic acid, domoic acid and their derivatives on a molluscan giant neuron sensitive to beta-hydroxy-L-glutamic acid. Takeuchi H, et al. **Eur J Pharmacol** 1984 Jul 13;102(2):325-32

In vivo binding of N-n-propylnorapomorphine in the rat striatum: quantification after lesions produced by kainate, 6-hydroxydopamine and decortication. Van der Werf JF, et al. **Eur J Pharmacol** 1984 Jul 13;102(2):251-9

Quantification of in vivo spiperone binding in the rat striatum after lesions produced by kainate or decortication. Van der Werf JF, et al. **Eur J Pharmacol** 1984 Jul 20; 102(3-4):387-99

Entamoeba histolytica: impedance measurements and cytotoxicity in the presence of bepridil, verapamil, and cytochalasin D. Ravdin JI, et al. **Exp Parasitol** 1985 Aug; 60(1):63-72

Effects of manno-1-deoxynojirimycin and 2,5-dihydroxymethyl-3,4-dihydroxypyrrolidine on N-linked oligosaccharide processing in intestinal epithelial cells. Romero PA, et al. **FEBS Lett** 1985 May 20; 184(2):197-201

Alterations in early adenovirus transcription and mRNA abundance induced by translational inhibitors. Eggerding FA. **J Biol Chem** 1985 Jul 15;260(14):8354-9

Estrogens and antiestrogens stimulate release of bone resorbing activity by cultured human breast cancer cells. Valentin-Opran A, et al. **J Clin Invest** 1985 Feb; 75(2):726-31

Metabolic effects of buflomedil hydrochloride. Briguglio F, et al. **J Int Med Res** 1985;13(3):131-58

Structure-activity relationships of some pyridine, piperidine, and pyrrolidine analogues for enhancing and inhibiting the binding of (+/-)-[3H]nicotine to the rat brain P2 preparation. Sloan JW, et al. **J Med Chem** 1985 Sep; 28(9):1245-51

GABA-mimetic activity and effects on diazepam binding of aminosulphonic acids structurally related to piperidine-4-sulphonic acid. Falch E, et al. **J Neurochem** 1985 Jan;44(1):68-75

Dopamine inhibits calcium-independent gamma-[3H]aminobutyric acid release induced by kainate and high K+ in the fish retina. Kato S, et al. **J Neurochem** 1985 Mar;44(3):893-9

The neurotoxicity of excitatory amino acids is produced by passive chloride influx. Rothman SM. **J Neurosci** 1985 Jun; 5(6):1483-9

Evidence of functional mossy fiber sprouting in hippocampal formation of kainic acid-treated rats. Tauck DL, et al. **J Neurosci** 1985 Apr;5(4):1016-22

Bepridil hydrochloride alters potential-dependent and receptor-operated calcium channels in vascular smooth muscle of rabbit aorta. Flaim SF, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):63-71

Antiarrhythmic and electrophysiologic effects of bepridil in chronically infarcted conscious dogs. Lynch JJ, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):72-80

Action of bepridil, a new calcium channel blocker on oxidative phosphorylation, oligomycin-sensitive adenosine triphosphatase activity, swelling, Ca++ uptake and Na+-induced Ca++ release processes of rabbit heart mitochondria in vitro. Matlib MA. **J Pharmacol Exp Ther** 1985 May;233(2):376-81

Vasopressin-induced pressor responses following microinjection of kainic acid into the nucleus tractus solitarii of the rat. Kubo T, et al. **Jpn J Pharmacol** 1984 Sep;36(1):118-20

Effects on transmembrane action potential, slow inward current and force of contraction in ventricular cardiac muscle of BRL 31660, a new antiarrhythmic drug with class I and class IV activity. Brückner R, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Mar; 329(1):86-93

Effects of bepridil on transmembrane action potentials recorded from isolated canine cardiac tissues. Studies on normal and infarct-zone Purkinje fibres and ventricular muscle cells. Dangman KH. **Naunyn Schmiedebergs Arch Pharmacol** 1985 May; 329(3):326-32

The antiestrogen LY117018 blocks effects of estradiol on pituitary glucose-6-phosphate dehydrogenase specific activity and on serum LH. Gordon MN, et al. **Neuroendocrinology** 1985 May;40(5):381-4

Opposite effects of opiate agonists on metabolic weight loss in mice. Henry LJ, et al. **Neuropeptides** 1985 Feb; 5(4-6):327-30

Electrophysiological analysis of kappa opiate receptor activation in the rabbit vas deferens. Lacey MG, et al. **Neuropeptides** 1984 Dec;5(1-3):257-60

Tachycardia, hypertension and decreased reflex bradycardia produced by striatal lesions induced by kainic acid. Wu JJ, et al. **Neuropharmacology** 1984 Nov;23(11):1231-5

Differential effect of kainic acid on somatostatin, GABAergic and cholinergic neurons in the rat striatum. Araki M, et al. **Neurosci Lett** 1985 Jan 21;53(2):197-202

Visual deficits following intraocular treatment of chicks with glutamate or kainic acid. Rogers LJ, et al. **Neurosci Lett** 1985 Jun 12;57(2):191-7

Sequential treatment with low doses of kainic acid alters sensitivity of retinal cell types. Sattayasai J, et al. **Neurosci Lett** 1985 Mar 15;54(2-3):277-81

Lateral hypothalamic self-stimulation persists in rats after destruction of lateral hypothalamic neurons by kainic acid or ibotenic acid. Sprick U, et al. **Neurosci Lett** 1985 May 14;56(2):211-6

Kainic acid neurotoxicity: characterization of blood-brain barrier damage. Sztriha L, et al. **Neurosci Lett** 1985 Apr 9;55(2):233-7

Limbic seizure and brain damage produced by kainic acid: mechanisms and relevance to human temporal lobe epilepsy. Ben-Ari Y. **Neuroscience** 1985 Feb;14(2):375-403 (200 ref.)

The role of brain edema in epileptic brain damage induced by systemic kainic acid injection. Lassmann H, et al. **Neuroscience** 1984 Nov;13(3):691-704

Quisqualate and L-glutamate inhibit retinal horizontal-cell responses to kainate. Ishida AT, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1837-41

Modification of nigral kainic acid-induced ipsilateral circling behaviour in the rat by neuroleptics and by contralateral caudate ablation. Coward DM. **Psychopharmacology (Berlin)** 1984;84(4):526-30

Behavioral effects of a novel kappa opioid analgesic, U-50488, in rats and rhesus monkeys. Tang AH, et al. **Psychopharmacology (Berlin)** 1985;85(3):309-14

Effect of intramuscular atropine and glycopyrrolate on the cardiovascular response to tracheal intubation. Shipton EA, et al. **S Afr Med J** 1984 Oct 6;66(14):528-30

In-vitro effects of buflomedil on parameters regulating hemostatic balance via the prostaglandin-system. Sinzinger H, et al. **Vasa** 1985;14(1):71-3

[Glycopyrron (Robinul). An anticholinergic agent with new indications] Ording H, et al. **Ugeskr Laeger** 1984 Oct 29; 146(44):3389-90 **(Dan)**

[Activity of dopaminergic neurons of the substantia nigra following lesions of the neostriatum by kainic acid] Doudet D, et al. **C R Soc Biol (Paris)** 1984;178(3):298-306 (Eng. Abstr.) **(Fre)**

[Does conjunctival biomicroscopy enable one to assess the microcirculatory activity of buflomedil?] Maurel A, et al. **J Mal Vasc** 1985;10 Suppl A:176-7 **(Fre)**

[Role of the hippocampus, amygdala and the substantia nigra in the evolution of status epilepticus induced by systemic injection of kainic acid in the rat] Le Gal La Salle G, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Dec; 14(3):235-40 (Eng. Abstr.) **(Fre)**

[Effects of systemic administration of kainic acid on GABAergic and glutaminergic transmission in various areas of the brain] Caruso G, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1715-20 (Eng. Abstr.) **(Ita)**

[Regional cerebral blood flow in limbic seizures induced by microinjection of kainic acid into amygdala in cats] Makino K, et al. **No To Shinkei** 1984 Jul;36(7):673-9 (Eng. Abstr.) **(Jpn)**

[Effect of anisomycin on synaptic habituation in identified Helix pomatia neurons] Sokolov EN, et al. **Zh Vyssh Nerv Deiat** 1984 Nov-Dec;34(6):1178-80 **(Rus)**

[Effects of subacute treatment with clomiphene, ethamoxytriphetol (Mer-25), and nafoxidine on blood calcium and bone density in rats] Sala Blanco J, et al. **Rev Esp Oncol** 1982;29(3):497-503 (Eng. Abstr.) **(Spa)**

POISONING

[Reversible neurologic toxicity of buflomedil overdosage (letter)] Otmane-Telba M, et al. **Presse Med** 1985 Feb 9; 14(5):286 **(Fre)**

THERAPEUTIC USE

Astemizole in the treatment of seasonal allergic rhinitis. A double- blind comparison with clemastine in patients sensitive to tree and grass pollen. Special reference to side effects registered in psychological tests. Frostad AB, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;409:1-30

Reduction of myocardial infarct size in rats under the effect of bepridil. Richard V, et al. **Adv Myocardiol** 1985;6:563-72

Clinical and therapeutical aspects of cold urticaria (urticaria a frigore). Seropian E, et al. **Allergol Immunopathol (Madr)** 1984 Jul-Aug;12(4):303-11

Prolongation of QT interval and antiarrhythmic action of bepridil. Somberg J, et al. **Am Heart J** 1985 Jan; 109(1):19-27

Long-term efficacy of bepridil in patients with chronic stable angina pectoris: results of a multicenter, placebo-controlled study of extended bepridil use. DiBianco R, et al. **Am J Cardiol** 1985 Mar 15;55(7):50C-54C

Hemodynamic actions of bepridil during treatment of stable angina pectoris. Narahara KA, et al. **Am J Cardiol** 1985 Mar 15;55(7):55C-58C

Electrophysiologic and antiarrhythmic properties of bepridil. Prystowsky EN. **Am J Cardiol** 1985 Mar 15;55(7):59C-62C

Electrophysiologic and antiarrhythmic actions of bepridil. Comparison with verapamil and ajmaline for atrioventricular reentrant tachycardia. Rowland E, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1513-9

Evaluation of bepridil for the treatment of angina pectoris: evidence for preservation of left ventricular function. Zusman RM, et al. **Am J Cardiol** 1985 Mar 15; 55(7):30C-35C

Comparative clinical efficacy of bepridil, propranolol and placebo in patients with chronic stable angina. Rae AP, et al. **Br J Clin Pharmacol** 1985 Mar;19(3):343-52

Ventilation-perfusion relationships in symptomatic asthma. Response to oxygen and clemastine. Corte P, et al. **Chest** 1985 Aug;88(2):167-75

Effect of bepridil in patients with chronic stable angina: results of a multicenter trial. Hill JA, et al. **Circulation** 1985 Jan;71(1):98-103

Androgen receptor content of nafoxidine treated experimentally induced canine prostatic hyperplasia. Trachtenberg J. **Clin Invest Med** 1985;8(1):29-34

Treatment of irritable bowel syndrome with prifinium bromide. Sasaki D, et al. **Clin Ther** 1985;7(2):190-8

Results of prifinium bromide therapy in irritable bowel syndrome. Sasaki T, et al. **Clin Ther** 1985;7(4):512-21

High-dose alizapride versus high-dose domperidone: a double-blind comparative study in the management of cis-platinum-induced emesis. Huys J, et al. **Curr Med Res Opin** 1985;9(6):400-6

A placebo-controlled comparative study of sustained-release brompheniramine maleate against clemastine fumarate in the treatment of chronic urticaria. Jolliffe DS, et al. **Curr Med Res Opin** 1985;9(6):394-9

Comparison of oxatomide and clemastine in the treatment of chronic urticaria. A double blind study. Beck HI, et al. **Dermatologica** 1985;171(1):49-51

Selection and characterization of a breast cancer cell line resistant to the antiestrogen LY 117018. Bronzert DA, et al. **Endocrinology** 1985 Oct;117(4):1409-17

Alizapride, a new substituted benzamide, as an antiemetic during cancer chemotherapy. Joss RA, et al. **Eur J Clin Pharmacol** 1985;27(6):721-5

Effects of bepridil on the resting electrocardiogram. Hill JA, et al. **Int J Cardiol** 1984 Sep;6(3):319-23

Microcirculatory changes in patients with primary Raynaud's phenomenon after treatment with buflomedil. Jacobs MJ, et al. **Int J Microcirc Clin Exp** 1985;4(1):63-8

The treatment of senile dementia associated with cerebrovascular insufficiency: a comparative study of buflomedil and dihydrogenated ergot alkaloids. Jansen W, et al. **J Int Med Res** 1985;13(1):48-53

Comparative effects of nisoldipine, nifedipine and bepridil on experimental pulmonary hypertension. Archer SL, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):12-7

Double-blind, placebo-controlled clinical, psychometric and neurophysiological investigations with oxiracetam in the organic brain syndrome of late life. Saletu B, et al. **Neuropsychobiology** 1985;13(1-2):44-52

Effects of bepridil on regional and global myocardial ischemia/reperfusion-induced injury. Jackson CV, et al. **Pharmacology** 1985;30(6):320-32

Clinical investigation of ketotifen in perennial allergic rhinitis: a double-blind comparative study of ketotifen and clemastine fumarate. Okuda M. **Rhinology** 1984 Sep; 22(3):171-82

Effect of buflomedil on behaviour, memory, and intellectual capacity in patients with dementia. A placebo-controlled study. Levinson B, et al. **S Afr Med J** 1985 Aug 31; 68(5):302-7

Ranitidine versus anticholinergic/antacid for duodenal ulcer. A randomized, endoscopically controlled, single-blind multicentre trial. Miettinen P, et al. **Scand J Gastroenterol** 1985 Aug;20(6):701-5

[Comparative double-blind study: alizapride-metoclopramide] Oberling F. **Ann Gastroenterol Hepatol (Paris)** 1984 Jan-Feb; 20(1):59-61 (Eng. Abstr.) **(Fre)**

[1 year's use of alizapride for the prevention and treatment of nausea and vomiting secondary to anticancer agents] Olivier JP. **Ann Gastroenterol Hepatol (Paris)** 1985 Jan; 21(1):53-5 **(Fre)**

[Clinical trial of Plitican for vomiting in infants. Apropos of 40 cases] Essoh Nomel P, et al. **Ann Pediatr (Paris)** 1985 Mar 25;32(3 Pt 2):303-5 (Eng. Abstr.) **(Fre)**

[Treatment of supraventricular and paroxysmal ventricular tachycardia with bepridil] Fauchier JP, et al. **Arch Mal Coeur** 1985 Apr;78(4):612-9 (Eng. Abstr.) **(Fre)**

[Effect of buflomedil on microcirculation of the skin in acral gangrene] Fagrell B, et al. **Fortschr Med** 1985 Jan 10; 103(1-2):23-7 (Eng. Abstr.) **(Ger)**

[Anti-angina effect of the calcium antagonist bepridil in stable angina pectoris] Schneider W, et al. **Z Kardiol** 1985 Jun; 74(6):341-7 (Eng. Abstr.) **(Ger)**

[Buflomedil and nicergoline in the targeted treatment of acute cerebral ischemia. Randomized comparative double blind study] Bossi L. **Minerva Med** 1985 May 19;76(21):1005-18 (Eng. Abstr.) **(Ita)**

[Stroke and post-ictal states] Bossi L. **Minerva Med** 1985 Jul 14;76(28-29):1335-42 (Eng. Abstr.) **(Ita)**

[Buflomedil in the treatment of chronic peripheral arterial diseases. Case contribution] Visconti W, et al. **Minerva Med** 1985 May 12;76(19-20):945-53 (Eng. Abstr.) **(Ita)**

[Effect of Tavegyl (Polfa) on microorganisms detected in otocenosis during in vivo studies] Kurnatowski P, et al. **Otolaryngol Pol** 1984;38(3):219-24 (Eng. Abstr.) **(Pol)**

[Pyromecaine--a new anti-arrhythmia preparation improving myocardial blood supply] Samvelian VM, et al. **Kardiologiia** 1985 Apr;25(4):85-9 (Eng. Abstr.) **(Rus)**

[Pyromecaine in the therapy of disorders of the heart rhythm] Orlov VM, et al. **Klin Med (Mosk)** 1985 Jan;63(1):38-9 **(Rus)**

TOXICITY

Acquisition and extinction of L-maze and conditioned avoidance behaviours following kainic acid-induced lesions of the ventromedial thalamic nuclei in rats. Zis VP, et al. **Brain Res Bull** 1984 Jun;12(6):617-23

Kainic acid evoked release of D-[3H]aspartate from rat striatum in vitro: characterization and pharmacological modulation. Notman H, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1070-7

Effect of kainic acid upon N1 latency. Kusakari J, et al. **Laryngoscope** 1984 Oct;94(10):1365-9

Kainic acid seizures and the reversibility of calcium loading in vulnerable neurons in the hippocampus. Evans MC, et al. **Neuropathol Appl Neurobiol** 1984 Jul-Aug;10(4):285-302

PYRROLIDINOMETHYLTETRACYCLINE see **ROLITETRACYCLINE**

PYRROLIDINONES

New synthetic carriers for enzymes. Mauz O, et al. **Ann NY Acad Sci** 1984;434:251-3

ADVERSE EFFECTS

Piracetam causes confusion in a patient with temporal lobe epilepsy [letter] Sandyk R, et al. **J Am Geriatr Soc** 1985 Apr;33(4):305

ANALYSIS

Biomedical applications of cotinine quantitation in smoking related research. Sepkovic DW, et al. **Am J Public Health** 1985 Jun;75(6):663-5

Improved 125I radioimmunoassay for cotinine [letter] Jones SR, et al. **Clin Chem** 1985 Jun;31(6):1076-7

Thiocyanate vs cotinine as a marker to identify smokers [letter] Steinman GD. **Clin Chem** 1985 Aug;31(8):1406

Chemical method for identification of N-blocked group in pyroglutamic acid peptides. Gupta S, et al. **Indian J Biochem Biophys** 1984 Apr;21(2):133-4

Analysis of glutamine, glutamic acid and pyroglutamic acid in protein hydrolysates by high-performance liquid chromatography. Shih FF. **J Chromatogr** 1985 Mar 29; 322(1):248-56

Biochemical markers of smoke absorption and self reported exposure to passive smoking. Jarvis M, et al. **J Epidemiol Community Health** 1984 Dec;38(4):335-9

2-Pyrrolidinone and succinimide endogenously present in several mammalian species. Bandle EF, et al. **Life Sci** 1984 Nov 26;35(22):2205-12

Cigarette smoking and neoplasia of the uterine cervix: smoke constituents in cervical mucus [letter] Sasson IM, et al. **N Engl J Med** 1985 Jan 31;312(5):315-6

BIOSYNTHESIS

gamma-Glutamyl amino acids. Transport and conversion to 5-oxoproline in the kidney. Bridges RJ, et al. **J Biol Chem** 1985 Jun 25;260(12):7304-8

BLOOD

Steady-state concentration of cotinine as a measure of nicotine-intake by smokers. Galeazzi RL, et al. **Eur J Clin Pharmacol** 1985;28(3):301-4

The use of biologic fluid samples in assessing tobacco smoke consumption. Benowitz NL. **Natl Inst Drug Abuse Res Monogr Ser** 1983;48:6-26

CHEMICAL SYNTHESIS

Syntheses and antimicrobial activities of 3-acyltetramic acid derivatives. Matsuo K, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):4197-204

Sleep-inducing N-alkyl-5-[m-(trifluoromethyl)phenyl]-5-hydroxy-2-pyr and N-alkyl-3-(trifluoromethyl)cinnamamides. Houlihan WJ, et al. **J Med Chem** 1985 Jan;28(1):28-31

The conversion of 2-chloroalkylamine analogues of oxotremorine to aziridinium ions and their interactions with muscarinic receptors in the guinea pig ileum. Ringdahl B, et al. **Mol Pharmacol** 1984 Sep;26(2):170-9

METABOLISM

Hydroxycotinine metabolism in rabbit liver, lung and kidney tissue homogenates. Rashid Mahmud A, et al. **Arh Hig Rada Toksikol** 1984 Mar;35(1):17-23

The effect of age on clinical pharmacokinetics of piracetam. Platt D, et al. **Arzneimittelforsch** 1985;35(2):533-5

Disposition of N-vinyl-2-pyrrolidinone in the rat. McClanahan JS, et al. **Drug Chem Toxicol** 1984;7(2):129-48

Physiological disposition of oral piracetam in Sprague-Dawley rats. Tacconi MT, et al. **J Pharm Pharmacol** 1984 Oct;36(10):659-62

The binding of a 2-chloroethylamine derivative of oxotremorine (BM 123) to muscarinic receptors in the rat cerebral cortex. Ehlert FJ, et al. **Mol Pharmacol** 1985 Aug; 28(2):107-19

[Bioavailability of 2 piracetam preparations] Slavtschev P, et al. **Pharmazie** 1985 Jun;40(6):425-6 **(Ger)**

PHARMACODYNAMICS

Piracetam attenuates the changes in the surface potential of the phosphatidylcholine monolayer produced by alcohols. Fassoulaki A, et al. **Acta Anaesthesiol Belg** 1985 Mar; 36(1):47-51

Changes in the brain biogenic monoamines of rats, induced by piracetam and aniracetam. Petkov VD, et al. **Acta Physiol Pharmacol Bulg** 1984;10(4):6-15

Behavioral effects of piracetam in rats with isolation syndrome. Petkov VV, et al. **Acta Physiol Pharmacol Bulg** 1984;10(3):3-9

Effects of aniracetam upon the delayed matching-to-sample performance of monkeys and pigeons. Pontecorvo MJ, et al. **Ann NY Acad Sci** 1985;444:531-2

The effects of aniracetam on primate behavior and EEG. Schwam E, et al. **Ann NY Acad Sci** 1985;444:482-4

The effects of aniracetam (Ro 13-5057) on the enhancement and protection of memory. Vincent G, et al. **Ann NY Acad Sci** 1985;444:489-91

Effect of piracetam on motor activity of spinal cord injured rabbits. Simonić A, et al. **Arch Int Pharmacodyn Ther** 1984 Dec;272(2):296-303

Effect of piracetam on cerebral blood flow and somatosensory evoked potential during normotension and hypotensive ischemia in cats. Sat M, et al. **Arzneimittelforschung** 1985;35(5):79[illegible]-2

The effect of TN-16 on the alkylation of tubulin. Roach MC, et al. **Biochem Biophys Res Commun** 1985 May 31; 129(1):200-5

Pyroglutamyl diazomethyl ketone: potent inhibitor of mammalian pyroglutamyl peptide hydrolase. Wilk S, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):662-8

Selective inhibition of one of the cyclic AMP phosphodiesterases from rat brain by the neurotropic compound rolipram. Nemoz G, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2997-3000

On some mechanisms of antihypoxic actions of nootropic drugs. Fischer HD, et al. **Biomed Biochim Acta** 1984; 43(4):541-3

Effects of piracetam on brain development in newborn rats exposed to hypoxia. Lun A, et al. **Biomed Biochim Acta** 1984;43(6):789-95

Effects of rolipram, a novel antidepressant, on monoamine metabolism in rat brain. Kehr W, et al. **J Neural Transm** 1985;63(1):1-12

Absorption through human skin of ibuprofen and flurbiprofen; effect of dose variation, deposited drug films, occlusion and the penetration enhancer

N-methyl-2-pyrrolidone. Akhter SA, et al. **J Pharm Pharmacol** 1985 Jan;37(1):27-37

Effects of nicotine, cocaine and some of their metabolites on schedule-controlled responding by beagle dogs and squirrel monkeys. Risner ME, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):113-9

Habituation of exploratory activity in mice: effects of combinations of piracetam and choline on memory processes. Platel A, et al. **Pharmacol Biochem Behav** 1984 Aug;21(2):209-12

Effects of aniracetam on delayed matching-to-sample performance of monkeys and pigeons. Pontecorvo MJ, et al. **Pharmacol Biochem Behav** 1985 May;22(5):745-52

Prolongation of latencies for passive avoidance responses in rats treated with aniracetam or piracetam. Yamada K, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):645-8

Pyroglutamic acid administration modifies the electrocorticogram and increases the release of acetylcholine and GABA from the guinea-pig cerebral cortex. Antonelli T, et al. **Pharmacol Res Commun** 1984 Feb;16(2):189-97

Thyroid hormone concentrations in rats after chronic nicotine metabolite administration. Sepkovic DW, et al. **Proc Soc Exp Biol Med** 1984 Dec;177(3):412-6

Piracetam and event-related potentials in dyslexic children. Conners CK, et al. **Psychopharmacol Bull** 1984 Fall;20(4):667-73

[The effect of nootropic substances on fluctuations in vigilance tonus in postinjury pseudoneurasthenia. EEG study] Strnad P, et al. **Cesk Neurol Neurochir** 1985 Jul;48(4):235-9 (Eng. Abstr.) **(Cze)**

[The phagocytosis activity of India ink in the isolated rat liver perfused with piracetam] Vömel T, et al. **Arzneimittelforsch** 1985;35(1):90-2 (Eng. Abstr.) **(Ger)**

[Effect of piracetam (Nootropil) on the bioelectric function of the brain in cases of low-voltage EEG and in patients with epilepsy] Nocoń D. **Ann Acad Med Stetin** 1984;30:359-69 (Eng. Abstr.) **(Pol)**

[Mechanism of the cerebrovascular effect of piracetam] Mirzoian RS, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):64-6 (Eng. Abstr.) **(Rus)**

[Antagonism of piracetam with proline in relation to mnestic effects] Ostrovskaia RU, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):311-4 (Eng. Abstr.) **(Rus)**

[Effect of GABA and piracetam on cerebral circulation and the neurogenic mechanisms of its regulation] Ivashev MN, et al. **Farmakol Toksikol** 1984 Nov-Dec;47(6):40-3 (Eng. Abstr.) **(Rus)**

[Comparative study of the indices of the antidepressive activity of potassium orotate and piracetam] Karkishchenko NN, et al. **Farmakol Toksikol** 1985 Mar-Apr;48(2):32-5 (Eng. Abstr.) **(Rus)**

[Possible correction of the isoenzyme spectrum of lactate dehydrogenase in the developing rat brain in antenatal hypoxia] Kopaladze RA, et al. **Vopr Med Khim** 1984;30(6):17-21 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Clinical evaluation of compounds for the treatment of memory dysfunction. Growdon JH, et al. **Ann NY Acad Sci** 1985;444:437-49

Piracetam plus lecithin trials in senile dementia of the Alzheimer type. Samorajski T, et al. **Ann NY Acad Sci** 1985;444:478-81

Haemorheological pattern in initial mental deterioration: results of a long-term study using piracetam and pentoxifylline. Parnetti L, et al. **Arch Gerontol Geriatr** 1985 Jul;4(2):141-55

The hypoxia model in human psychopharmacology: neurophysiological and psychometric studies with aniracetam i.v. Saletu B, et al. **Hum Neurobiol** 1984;3(3):171-81

Involutional dementias: new perspectives. Borromei A, et al. **Ital J Neurol Sci** 1985 Jun;6(2):167-71

Effect of piracetam on verbal memory of dyslexic boys. Rudel RG, et al. **J Am Acad Child Psychiatry** 1984 Nov;23(6):695-9

Piracetam in alcoholic psychoses: a double-blind, crossover, placebo controlled study. Skondia V, et al. **J Int Med Res** 1985;13(3):185-7

Effects of aniracetam, a nootropic drug, in senile dementia--a preliminary report. Mizuki Y, et al. **Kurume Med J** 1984;31(2):135-43

Anti-hypoxic effect of piracetam and its interaction with prostacyclin. Nikolova M, et al. **Methods Find Exp Clin Pharmacol** 1984 Jul;6(7):367-71

Role of drugs in recovery of metabolic function of rat brain following severe hypoglycemia. Benzi G, et al. **Neurochem Res** 1984 Jul;9(7):979-92

Results of a phase II study of the antidepressant effect of rolipram. Zeller E, et al. **Pharmacopsychiatry** 1984 Nov;17(6):188-90

Effect of piracetam on the single word and prose reading of dyslexic children. Helfgott E, et al. **Psychopharmacol Bull** 1984 Fall;20(4):688-90

[Trial prevention of vaso-occlusive crises in homozygote sickle cell anemia using piracetam] Sonnet J, et al. **Ann Soc Belg Med Trop** 1985;65(1):77-84 (Eng. Abstr.) **(Fre)**

[Metadoxine in the treatment of vomiting in uremic patients under dialysis treatment] Di Paolo N, et al. **Clin Ter** 1984 Aug 15;110(3):221-9 (Eng. Abstr.) **(Ita)**

[Efficacy of piracetam treatment of acute viral neuroinfections] Niss AI, et al. **Zh Nevropatol Psikhiatr** 1985;85(2):189-95 (Eng. Abstr.) **(Rus)**

TOXICITY

L-pyroglutamate: an alternate neurotoxin for a rodent model of Huntington's disease. Rieke GK, et al. **Brain Res Bull** 1984 Sep;13(3):443-56

Neurotoxic effects of endogenous materials: quinolinic acid, L-pyroglutamic acid, and thyroid releasing hormone (TRH). McGeer EG, et al. **Exp Neurol** 1984 Nov;86(2):410-3

Teratogenesis study of N-cyclohexyl-2-pyrrolidone in rats and rabbits. Becci PJ, et al. **Fundam Appl Toxicol** 1984 Aug;4(4):587-93

URINE

Improved 125I radioimmunoassay for cotinine by selective removal of bridge antibodies. Knight GJ, et al. **Clin Chem** 1985 Jan;31(1):118-21

Pyroglutamic aciduria in propionyl CoA carboxylase deficiency. Morishita H, et al. **J Inherited Metab Dis** 1984;7(3):139-40

Urine cotinine excretion in neonates exposed to tobacco smoke products in utero. Etzel RA, et al. **J Pediatr** 1985 Jul;107(1):146-8

Cotinine in urine of smoker's infants [letter] Woodward A, et al. **Lancet** 1984 Oct 20;2(8408):935

PYRROLIDONECARBOXYLIC ACID see under **PYRROLIDINONES**

PYRROLIDONES see **PYRROLIDINONES**

PYRROLINE CARBOXYLATE REDUCTASES see under **AMINE OXIDOREDUCTASES**

PYRROLIZIDINE ALKALOIDS

Alveolar inflammation and arachidonate metabolism in monocrotaline-induced pulmonary hypertension. Stenmark KR, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):H859-66

Pulmonary mechanical, ventilatory, and gas exchange abnormalities in rats with monocrotaline-induced pulmonary hypertension. Gillespie MN, et al. **Exp Lung Res** 1985;8(2-3):191-9

Effect of methylprednisolone on monocrotaline-induced pulmonary vascular disease and right ventricular hypertrophy. Langleben D, et al. **Lab Invest** 1985 Mar;52(3):298-303

Pulmonary hypertension induced in rats by monocrotaline and chronic hypoxia is reduced by p-chlorophenylalanine. Kay JM, et al. **Respiration** 1985;47(1):48-56

ANALYSIS

Positive and electron capture negative ion methane chemical ionization mass spectrometry of pyrrolizidine alkaloids. Karchesy J, et al. **Biomed Mass Spectrom** 1984 Sep;11(9):455-61

Poisonous plants contaminating edible ones and toxic substances in plant foods. Part 3. Pyrrolizidine alkaloids from Heliotropium digynum Forssk. (= H. luteum, Poir.). Hammouda FM, et al. **Pharmazie** 1984 Oct;39(10):703-5

[Pyrrolizidine alkaloids in medicinal plants of Boraginaceal: Borago officinalis L. and Pulmonaria officinalis L.] Lüthy J, et al. **Pharm Acta Helv** 1984;59(9-10):242-6 (Eng. Abstr.) **(Ger)**

BIOSYNTHESIS

Extraordinary levels of production of pyrrolizidine alkaloids in Senecio riddellii. Molyneux RJ, et al. **J Nat Prod** 1984 Nov-Dec;47(6):1030-2

CHEMICAL SYNTHESIS

Synthesis of pyrrolizidine alkaloids indicine, intermedine, lycopsamine, and analogues and their N-oxides. Potential antitumor agents. Zalkow LH, et al. **J Med Chem** 1985 Jun;28(6):687-94

Pyrrolizidine alkaloids. Robins DJ. **Nat Prod Rep** 1984 Jun;1(3):235-43 (82 ref.)

ISOLATION & PURIFICATION

New guaianolides from Centaurea kandavanensis. Rustaiyan A, et al. **Planta Med** 1984 Aug;50(4):362

METABOLISM

In vivo covalent binding of retronecine-labelled [3H]seneciphylline and [3H]senecionine to DNA of rat liver, lung and kidney. Candrian U, et al. **Chem Biol Interact** 1985 Jun;54(1):57-69

trans-4-Hydroxy-2-hexenal: a reactive metabolite from the macrocyclic pyrrolizidine alkaloid senecionine. Segall HJ, et al. **Science** 1985 Aug 2;229(4712):472-5

Configuration of necine pyrroles--toxic metabolites of pyrrolizidine alkaloids. Kedzierski B, et al. **Toxicol Lett** 1985 May;25(2):115-9

PHARMACODYNAMICS

Increased vascular responsiveness in lungs of rats with pulmonary hypertension induced by monocrotaline pyrrole. Hilliker KS, et al. **Am Rev Respir Dis** 1985 Jan;131(1):46-50

Effect of seneciphylline and senecionine on hepatic drug metabolizing enzymes in rats. Kakrani HK, et al. **J Ethnopharmacol** 1984 Dec;12(3):271-8

Influence of tansy ragwort (Senecio jacobaea), dietary copper, and feed restriction on the subcellular distribution of minerals in rat liver. Miranda CL, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):62-8

POISONING

Hepatic venocclusive disease associated with the consumption of pyrrolizidine-containing dietary supplements. Ridker PM, et al. **Gastroenterology** 1985 Apr;88(4):1050-4

Herbal tea induced hepatic veno-occlusive disease: quantification of toxic alkaloid exposure in adults. Kumana CR, et al. **Gut** 1985 Jan;26(1):101-4

Cynoglossum officinale (hound's-tongue)--a cause of pyrrolizidine alkaloid poisoning in horses. Knight AP, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):647-50

THERAPEUTIC USE

[Comparative effectiveness of the local use of sodium nitrite, platyphylline and complamine in treating optic atrophy] Shpak NI, et al. **Oftalmol Zh** 1984;(5):294-7 (Eng. Abstr.) **(Rus)**

TOXICITY

Aflatoxin B1 and Crotalaria toxicity in turkey poults. Burguera JA, et al. **Acta Cient Venez** 1984;35(1):67-70

Toxicity of Riddell's groundsel (Senecio riddellii) to cattle. Johnson AE, et al. **Am J Vet Res** 1985 Mar;46(3):577-82

Initiation and selection of resistant hepatocyte nodules in rats given the pyrrolizidine alkaloids lasiocarpine and senecionine. Hayes MA, et al. **Cancer Res** 1985 Aug;45(8):3726-34

Genotoxicity of a variety of pyrrolizidine alkaloids in the hepatocyte primary culture-DNA repair test using rat, mouse, and hamster hepatocytes. Mori H, et al. **Cancer Res** 1985 Jul;45(7):3125-9

Influences of various xenobiotic inducers on cytocidal toxicity of lasiocarpine and senecionine in primary cultures of rat hepatocytes. Hayes MA, et al. **J Toxicol Environ Health** 1984;14(5-6):683-94

Some toxic properties of a carcinogenic pyrrolizidine alkaloid, petasitenine. Mori H, et al. **J Toxicol Sci** 1984 May;9(2):143-9

Induction of SCEs by some pyrrolizidine alkaloids in V79 Chinese hamster cells co-cultured with chick embryo hepatocytes. Bruggeman IM, et al. **Mutat Res** 1985 Apr;142(4):209-12

Pulmonary toxicity of monocrotaline differs at critical periods of lung development. Todd L, et al. **Pediatr Res** 1985 Jul;19(7):731-7

The effect of dietary restriction and altered sodium intake on the cardiopulmonary toxicity of monocrotaline pyrrole. Ganey PE, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):55-62

[Pyrrolizidine alkaloids with chromosome-damaging effects on human lymphocytes in vitro] Kraus C, et al. **Planta Med** 1985 Apr;(2):89-91 (Eng. Abstr.) **(Ger)**

PYRROLNITRIN see under **ANTIBIOTICS, ANTIFUNGAL**

PYRROVINYQUINIUM see **PYRVINIUM COMPOUNDS**

PYRUVALDEHYDE see under **ALDEHYDES**

PYRUVATE CARBOXYLASE

ANALYSIS

The structure and regulation of fungal pyruvate carboxylases. Osmani SA, et al. **Ann NY Acad Sci** 1985;447:56-71 (37 ref.)

DEFICIENCY

Heterogeneity of holocarboxylase synthetase in patients with biotin-responsive multiple carboxylase deficiency. Burri BJ, et al. **Am J Hum Genet** 1985 Mar;37(2):326-37

Enzyme studies in combined carboxylase deficiency. Bartlett K, et al. **Ann NY Acad Sci** 1985;447:235-51

Biotin-dependent carboxylase deficiencies (propionyl-CoA and pyruvate carboxylases). Gravel RA, et al. **Ann NY Acad Sci** 1985;447:225-34

Prenatal treatment of multiple carboxylase deficiency. Roth KS. **Ann NY Acad Sci** 1985;447:263-71

Pyruvate carboxylase deficiency. Bartlett K, et al. **J Inherited Metab Dis** 1984;7 Suppl 1:74-8

Biotin-responsive multiple carboxylase deficiency (MCD): deficient biotinidase activity associated with renal loss of biotin. Baumgartner ER, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:123-5

Prenatal diagnosis of pyruvate carboxylase deficiency. Robinson BH, et al. **Prenat Diagn** 1985 Jan-Feb;5(1):67-71

GENETICS

Molecular cloning of a cDNA for human pyruvate carboxylase. Structural relationship to other biotin-containing carboxylases and regulation of mRNA content in differentiating preadipocytes. Freytag SO, et al. **J Biol Chem** 1984 Oct 25;259(20):12831-7

ISOLATION & PURIFICATION

Simultaneous preparation of the three biotin-containing mitochondrial carboxylases from rat liver. Oei J, et al. **Biochim Biophys Acta** 1985 May 29;840(1):1-5

The sub-cellular localisation and regulatory properties of pyruvate carboxylase from Rhizopus arrhizus. Osmani SA, et al. **Eur J Biochem** 1985 Feb 15;147(1):119-28

METABOLISM

Pyruvate carboxylase: mechanisms of the partial reactions. Wallace JC, et al. **Ann NY Acad Sci** 1985;447:169-88

Pyruvate carboxylase deficiency in yeast: a mutant affecting the interaction between the glyoxylate and Krebs cycles. Wills C, et al. **Arch Biochem Biophys** 1985 Feb 1; 236(2):782-91

Pyruvate carboxylase: an astrocyte-specific enzyme implicated in the replenishment of amino acid neurotransmitter pools. Shank RP, et al. **Brain Res** 1985 Mar 11;329(1-2):364-7

Interaction of formycin A-5'-triphosphate with pyruvate carboxylase. Attwood PV, et al. **FEBS Lett** 1984 Sep 17; 175(1):45-50

Pyruvate carboxylase and phosphoenolpyruvate carboxykinase activity in developing rats: effect of manganese deficiency. Baly DL, et al. **J Nutr** 1985 Jul; 115(7):872-9

PYRUVATE DECARBOXYLASE see under **CARBOXY-LYASES**

PYRUVATE DEHYDROGENASE COMPLEX

ANALYSIS

A new radiochemical method for determination of pyruvate dehydrogenase complex and acetyl-coenzyme A synthetase. Liedvogel B. **Anal Biochem** 1985 Jul; 148(1):182-9

Insulin stimulates generation of intracellular mediators in rat heart. Macaulay SL, et al. **Arch Biochem Biophys** 1985 Sep; 241(2):432-7

Escherichia coli pyruvate dehydrogenase complex: particle masses of the complex and component enzymes measured by scanning transmission electron microscopy. CaJacob CA, et al. **Biochemistry** 1985 May 7;24(10):2425-31

Pyruvate dehydrogenase levels in Morris hepatomas with different growth rate. Eboli ML. **Cancer Lett** 1985 Mar; 26(2):185-90

Phorbol ester provokes insulin-like effects on glucose transport, amino acid uptake, and pyruvate dehydrogenase activity in BC3H-1 cultured myocytes. Farese RV, et al. **Endocrinology** 1985 Jun;116(6):2650-5

Pyruvate dehydrogenase activity in Streptococcus mutans. Carlsson J, et al. **Infect Immun** 1985 Sep;49(3):674-8

Immunochemical characterization of pyruvate dehydrogenase complex in rat brain. Sheu KF, et al. **J Neurochem** 1985 Feb;44(2):593-9

ANTAGONISTS & INHIBITORS

Substrate-dependent inactivation of muscle pyruvate dehydrogenase: identification of the acetyl-substituted enzyme form. Khailova LS, et al. **Biochem Int** 1985 Feb; 10(2):291-300

The substrate-mediated inactivation of the pyruvate dehydrogenase component of the pigeon breast muscle pyruvate dehydrogenase complex. Khailova LS, et al. **Biochem Int** 1983 Oct;7(4):423-32

Limited proteolysis of the pyruvate dehydrogenase multienzyme complex of Bacillus subtilis. Lowe PN, et al. **Biochem J** 1985 Jan 1;225(1):249-53

Dexamethasone permits the release of an inhibitor of pyruvate dehydrogenase from Reuber H-35 hepatoma cells in response to insulin. Esau BD, et al. **Endocrinology** 1985 Aug;117(2):698-703

Halofenate and clofibrate inhibition of pyruvate dehydrogenase from Fusarium culmorum. Madhosingh C, et al. **J Environ Sci Health [B]** 1985 Apr;20(2):201-14

BIOSYNTHESIS

Studies on the possible involvement of prostaglandins in insulin generation of pyruvate dehydrogenase activator. Begum N, et al. **Diabetes** 1985 Jan;34(1):29-37

BLOOD

Presence of an activator of pyruvate dehydrogenase in human circulation: elevation following a glucose load and possible relation to an insulin mediator. Sinha MK, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):41-5

Pyruvate and acetate oxidation by leukocytes in vitro. Activation of the pyruvate dehydrogenase complex by uncoupling of oxidative phosphorylation. Venizelos N, et al. **Scand J Clin Lab Invest** 1985 Jun;45(4):335-40

DEFICIENCY

Fatal case of pyruvate dehydrogenase deficiency. Matsuo M, et al. **Acta Paediatr Scand** 1985 Jan;74(1):140-2

Glutamate and pyruvate dehydrogenase deficiency in spinocerebellar degeneration. Maruyama S, et al. **Adv Neurol** 1984;41:255-65

Deficiencies within the pyruvate dehydrogenase complex: clinical and pathological correlates. Wallace SJ. **Dev Med Child Neurol** 1985 Apr;27(2):257-60

Central hypoventilation syndrome in pyruvate dehydrogenase complex deficiency. Johnston K, et al. **Pediatrics** 1984 Dec;74(6):1034-40

[Pyruvate dehydrogenase deficiency in a child with persistent lactic acidosis] Dworzak E, et al. **J Clin Chem Clin Biochem** 1985 Jun;23(6):323-9 (Eng. Abstr.) **(Ger)**

[Lactic acid acidosis with mitochondrial myopathy due to a pyruvate dehydrogenase deficiency] Sperl W, et al. **Padiatr Padol** 1985;20(1):55-67 (Eng. Abstr.) **(Ger)**

[A case of pyruvate dehydrogenase deficiency with low density areas in white matter noticed by CT scan] Kimura A, et al. **No To Hattatsu** 1985 Jul;17(4):357-62 (Eng. Abstr.) **(Jpn)**

GENETICS

Genetic manipulation of the restricted facultative methylotroph Hyphomicrobium X by the R-plasmid-mediated introduction of the Escherichia coli pdh genes. Dijkhuizen L, et al. **Arch Microbiol** 1984 Nov; 139(4):311-8

Conjugative mapping of pyruvate, 2-ketoglutarate, and branched-chain keto acid dehydrogenase genes in Pseudomonas putida mutants. Sykes PJ, et al. **J Bacteriol** 1985 Apr;162(1):203-8

Transcription analysis of the sucAB, aceEF and lpd genes of Escherichia coli. Spencer ME, et al. **MGG** 1985; 200(1):145-54

IMMUNOLOGY

Immunochemical comparison of lipoamide dehydrogenases from various sources and reactivity of various lipoamide dehydrogenases with rat heart pyruvate dehydrogenase-subcomplex. Matuda S, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):479-84

Low immunogenicity of the common lipoamide dehydrogenase subunit (E3) of mammalian pyruvate dehydrogenase and 2-oxoglutarate dehydrogenase multienzyme complexes. De Marcucci OL, et al. **Biochem J** 1985 Mar 1;226(2):509-17

ISOLATION & PURIFICATION

A coupled fluorometric rate assay for pyruvate dehydrogenase in cultured human fibroblasts. Solomon M, et al. **Anal Biochem** 1984 Sep;141(2):337-43

Component X. An immunologically distinct polypeptide associated with mammalian pyruvate dehydrogenase multi-enzyme complex. De Marcucci O, et al. **Eur J Biochem** 1985 Jun 18;149(3):641-8

METABOLISM

Regulation of pyruvate dehydrogenase complex activity during myocardial ischemia. Vary TC, et al. **Adv Myocardiol** 1985;6:473-81

An immunochemical study of the pyruvate dehydrogenase deficit in Alzheimer's disease brain. Sheu KF, et al. **Ann Neurol** 1985 May;17(5):444-9

The physiological role of oxygen-sensitive pyruvate dehydrogenase in mitochondrial fatty acid synthesis in Euglena gracilis. Inui H, et al. **Arch Biochem Biophys** 1985 Mar;237(2):423-9

Insulin mediator causes dephosphorylation of the alpha subunit of pyruvate dehydrogenase by stimulating phosphatase activity. Macaulay SL, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):142-50

Substrate-induced structural changes of the pyruvate dehydrogenase multienzyme complex. Sümegi B, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):741-52

Partial purification from human mononuclear cells and placental plasma membranes of an insulin mediator which stimulates pyruvate dehydrogenase and suppresses glucose-6-phosphatase. Suzuki S, et al. **Arch Biochem Biophys** 1984 Dec;235(2):418-26

Localization of tryptophan residues in thiamine pyrophosphate-binding sites of pyruvate dehydrogenase from pigeon breast muscle. Korochkina LG, et al. **Biochem Int** 1984 Oct;9(4):491-9

The effect of body weight and the fatty acid-oxidation inhibitor 2-tetradecylglycidic acid on pyruvate dehydrogenase complex activity in mouse heart. Caterson ID, et al. **Biochem J** 1984 Dec 15;224(3):787-91

Evidence that noradrenaline increases pyruvate dehydrogenase activity and decreases acetyl-CoA carboxylase activity in rat interscapular brown adipose tissue in vivo. Gibbins JM, et al. **Biochem J** 1985 Jun 15; 228(3):751-5

Role of Ca2+ in pyruvate dehydrogenase interconversion in brain mitochondria and synaptosomes. Hansford RG, et al. **Biochem J** 1985 Apr 1;227(1):129-36

Hormonal control of pyruvate dehydrogenase activity in rat liver. Oviasu OA, et al. **Biochem J** 1984 Nov 15; 224(1):181-6

Modulation by dexamethasone of the pyruvate dehydrogenase-complex activity in 3T3-L1 adipocytes. Patel MS, et al. **Biochem J** 1985 Mar 1;226(2):607-11

Hormonal control of intramitochondrial Ca2+-sensitive enzymes in heart, liver and adipose tissue. McCormack JG, et al. **Biochem Soc Trans** 1985 Aug;13(4):664-7

Investigations into the direct effects of insulin on hepatic ketogenesis, lipoprotein secretion and pyruvate dehydrogenase activity. Laker ME, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):427-30

Insulin-like activity of proteases. VIII. Stimulation of lipogenesis and pyruvate dehydrogenase and suppression of epinephrine-sensitive lipolysis in rat epididymal adipose tissue by an N-succinyl-L-trialanine p-nitroanilide-hydrolyzing protease from pronase. Ueki H, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4539-44

Insulin mediator stimulates pyruvate dehydrogenase of intact liver mitochondria. Parker JC, et al. **Diabetes** 1985 Jan; 34(1):92-7

Changes in the activity of 'active' pyruvate dehydrogenase complex in the newborn of normal and diabetic rats. Chitra CI, et al. **Diabetologia** 1985 Mar;28(3):148-52

Stimulation of pyruvate dehydrogenase activity in intact rat adipocytes by insulin mediator from rat skeletal muscle. Jarett L, et al. **Endocrinology** 1985 Mar;116(3):1011-6

Measurements of electron spin resonance with the pyruvate dehydrogenase complex from Escherichia coli. Studies on the allosteric binding site of acetyl-coenzyme A. Schrenk DF, et al. **Eur J Biochem** 1984 Sep 17;143(3):561-6

The roles of intrinsic kinase and of kinase/activator protein in the enhanced phosphorylation of pyruvate dehydrogenase complex in starvation. Kerbey AL, et al. **FEBS Lett** 1984 Oct 15;176(1):115-9

Inositol trisphosphate activates pyruvate dehydrogenase in isolated fat cells. Koepfer-Hobelsberger B, et al. **FEBS Lett** 1984 Oct 29;176(2):411-3

Evidence that adrenaline activates key oxidative enzymes in rat liver by increasing intramitochondrial [Ca2+]. McCormack JG. **FEBS Lett** 1985 Jan 28;180(2):259-64

Effect of adenosine on insulin activation of rat adipocyte pyruvate dehydrogenase. Wong EH, et al. **FEBS Lett** 1984 Sep 17;175(1):68-71

In vitro and in situ skeletal muscle pyruvate dehydrogenase activity in adrenalectomized and glucocorticoid treated rats. Förster ME, et al. **Horm Metab Res** 1984 Oct; 16(10):529-31

Pyruvate dehydrogenase activity is not deficient in the brain of three autopsied cases with Leigh disease (subacute necrotizing encephalomyelopathy, SNE). Kustermann-Kuhn B, et al. **Hum Genet** 1984;68(1):51-3

Occurrence of oxygen-sensitive, NADP+-dependent pyruvate dehydrogenase in mitochondria of Euglena gracilis. Inui H, et al. **J Biochem (Tokyo)** 1984 Sep; 96(3):931-4

Unidirectional actions of insulin and Ca2+-dependent hormones on adipocyte pyruvate dehydrogenase. Cheng K, et al. **J Biol Chem** 1985 May 10;260(9):5279-85

The effects of alpha-adrenergic stimulation on the regulation of the pyruvate dehydrogenase complex in the perfused rat liver. Fisher RA, et al. **J Biol Chem** 1985 Aug 5; 260(16):9223-9

In vitro activation of the pyruvate dehydrogenase complex in human muscle by a broad specificity protein phosphatase. Toshima K, et al. **J Inherited Metab Dis** 1984;7(3):143-4

The effect of ischaemia on the activity of pyruvate dehydrogenase complex in rat heart. Vary TC, et al. **J Mol Cell Cardiol** 1984 Aug;16(8):723-33

Studies on the bovine brain pyruvate dehydrogenase complex using the antibodies against kidney enzyme complex. Sheu KF, et al. **J Neurochem** 1984 Nov;43(5):1352-8

Effects of dichloroacetate on pyruvate metabolism in rat brain in vivo. Kuroda Y, et al. **Pediatr Res** 1984 Oct; 18(10):936-8

PHARMACODYNAMICS

[Effect of pyruvate dehydrogenase coenzymes and mitochondrial proteins on the accumulation of [35S]lipoic acid] Rozanov AIa, et al. **Ukr Biokhim Zh** 1985 May-Jun; 57(3):71-4 (Eng. Abstr.) **(Rus)**

PYRUVATE DEHYDROGENASE PHOSPHATASE see under **PHOSPHOPROTEIN PHOSPHATASES**

PYRUVATE KINASE

ANALYSIS

Alteration in the capacities as well as in the zonal and cellular distributions of pyruvate kinase L and M2 in regenerating rat liver. Chatzipanagiotou S, et al. **Biol Chem Hoppe Seyler** 1985 Mar;366(3):271-80

Metabolic zonation in liver of diabetic rats. Zonal distribution of phosphoenolpyruvate carboxykinase, pyruvate kinase, glucose-6-phosphatase and succinate dehydrogenase. Miethke H, et al. **Biol Chem Hoppe Seyler** 1985 May; 366(5):493-501

Pyruvate kinase in normal human thyroid tissue and thyroid neoplasms. Verhagen JN, et al. **Cancer** 1985 Jan 1; 55(1):142-8

READEX FICHE pages tightly bound

Pyruvate kinase isozymes and dedifferentiation of (neuro-)ectodermal tumors. Oskam R, et al. **Tumour Biol** 1985;6(1):75–87

[Effect of thyroid hormones on the activity of pyruvate kinase and lactate dehydrogenase in mature rat brain] Sabell I, et al. **Rev Esp Fisiol** 1985 Mar;41(1):61–7 (Eng. Abstr.) **(Spa)**

ANTAGONISTS & INHIBITORS

Specific inhibition of L–type pyruvate kinase by the triazine dye Procion Blue MX–R. Byford MF, et al. **Biochem J** 1984 Oct 15;223(2):359–67

Inhibitory effect of Li+ on cell growth and pyruvate kinase activity of Escherichia coli. Umeda K, et al. **J Bacteriol** 1984 Nov;160(2):812–4

Enhancement of hepatocarcinogenesis by sorbitan fatty acid ester, a liver pyruvate kinase activity–reducing substance. Yanagi S, et al. **JNCI** 1985 Aug;75(2):381–4

BIOSYNTHESIS

Increased biosynthesis of pyruvate kinase under hypoxic conditions in mammalian cells. Ptashne KA, et al. **Biochim Biophys Acta** 1985 Jan 18;844(1):19–23

A requirement for DNA synthesis in foetal hepatocyte differentiation. Effect of cytosine arabinoside on the appearance of the liver isoenzyme of pyruvate kinase. Scott R, et al. **Differentiation** 1984;28(1):49–52

Evaluation of a histologic classification of mouse liver tumors based on pyruvate kinase isozymes and status of host lipids. Yanagi S, et al. **JNCI** 1984 Dec;73(6):1311–7

BLOOD

Glycolate kinase activity in human red cells. Fujii S, et al. **Blood** 1985 Feb;65(2):480–3

Pattern of pyruvate kinase isozymes in erythroleukemia cell lines and in normal human erythroblasts. Max–Audit I, et al. **Blood** 1984 Oct;64(4):930–6

Purification, catalytic and regulatory properties of Rana ridibunda erythrocyte pyruvate kinase. Kaloyianni–Dimitriades MG, et al. **Comp Biochem Physiol [B]** 1984;79(2):245–50

Control of oxygen delivery from the erythrocyte by modification of pyruvate kinase. Westhead EW, et al. **Curr Top Cell Regul** 1984;24:21–34

Red cell pyruvate kinase in acute leukemia. Labar B, et al. **Enzyme** 1984;32(3):178–83

Plasma pyruvate kinase and creatine kinase activity in Becker muscular dystrophy. Aston JP, et al. **J Neurol Sci** 1984 Sep;65(3):307–14

[Hereditary erythrocyte pyruvate kinase abnormality: another kindred from Aargau Canton] Marti HR, et al. **Schweiz Med Wochenschr** 1984 Oct 13;114(41):1434–6 (Eng. Abstr.) **(Ger)**

[The effect of cytostatic therapy on pyruvate kinase activity in the erythrocytes of patients with acute myelocytic leukemia] Labar B, et al. **Lijec Vjesn** 1985 Feb;107(2):61–3 (Eng. Abstr.) **(Scr)**

DEFICIENCY

Frequency of erythrocyte pyruvate kinase deficiency in Chinese infants. Wu ZL, et al. **Am J Hematol** 1985 Oct;20(2):139–44

Iron overload associated with congenital pyruvate kinase deficiency and high dose ascorbic acid ingestion [letter] Bett JH, et al. **Aust NZ J Med** 1985 Apr;15(2):270

Iron overload associated with congenital pyruvate kinase deficiency and high dose ascorbic acid ingestion. Rowbotham B, et al. **Aust NZ J Med** 1984 Oct;14(5):667–9

Mathematical modelling of metabolic pathways affected by an enzyme deficiency. A mathematical model of glycolysis in normal and pyruvate–kinase–deficient red blood cells. Holzhütter HG, et al. **Eur J Biochem** 1985 May 15;149(1):101–11

[Ektacytometric determination of the deformability of red blood cells in hemolytic anemia with pyruvate kinase deficiency] Brabec V, et al. **Vnitr Lek** 1984 Oct;30(10):993–8 (Eng. Abstr.) **(Cze)**

[Pyruvate kinase deficiency in the newborn infant] Fürnkranz H. **Padiatr Padol** 1985;20(3):267–73 (Eng. Abstr.) **(Ger)**

[Erythrocyte metabolism in patients with acute leukemia and a deficiency of the enzyme pyruvate kinase] Labar B, et al. **Lijec Vjesn** 1984 Nov–Dec;106(11–12):447–51 (Eng. Abstr.) **(Scr)**

GENETICS

A new pyruvate kinase mutation with hyperactivity in the mouse. Charles DJ, et al. **Biochem Genet** 1984 Dec;22(11–12):1103–17

The Pk–3 gene determines both the heart, M1, and the kidney, M2, pyruvate kinase isozymes in the mouse; and a simple electrophoretic method for separating phosphoglucomutase–3. Peters J, et al. **Biochem Genet** 1984 Dec;22(11–12):1047–63

Preparation of a cell–free translation system from a wild–type strain of Neurospora crassa and translation of pyruvate kinase messenger RNA. Devchand M, et al. **Biosci Rep** 1984 Nov;4(11):979–86

Intron/exon structure of the chicken pyruvate kinase gene. Lonberg N, et al. **Cell** 1985 Jan;40(1):81–90

Rapid regulation of L–type pyruvate kinase mRNA by fructose in diabetic rat liver. Inoue H, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1457–62

Localization of a dosage sensitive region for pyruvate kinase in Drosophila melanogaster. Rust KJ, et al. **J Hered** 1985 Jan–Feb;76(1):39–44

ISOLATION & PURIFICATION

Purification and properties of rat brain pyruvate kinase. Srivastava LK, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):703–13

A rapid purification method for human erythrocyte pyruvate kinase. Kilinç K, et al. **Biochem Med** 1984 Dec;32(3):296–302

The purification and kinetic characterization of eel white muscle pyruvate kinase. Roberts B, et al. **Comp Biochem Physiol [B]** 1985;80(1):51–6

Purification and properties of pyruvate kinase from liver of the flounder (Platichthys flesus L.). Sand O. **Comp Biochem Physiol [B]** 1984;79(3):473–9

[Pyruvate kinase in mussel foot (Mytilus edulis L.). Purification and general properties] Herranz–Santos MJ, et al. **Rev Esp Fisiol** 1985 Mar;41(1):55–60 (Eng. Abstr.) **(Spa)**

METABOLISM

Maturation of the fetal lung II. Effect of hyperoxia on phosphatidic acid phosphatase, pyruvate kinase and superoxide dismutase activity in the newborn rat lung. Kerepesi T, et al. **Acta Paediatr Hung** 1984;25(3):247–54

Maturation of the fetal lung III. Effect of transplacental TRH and 2'–thiourea treatment on phosphatidic acid phosphatase and pyruvate kinase activity in rat lung. Kerepesi T, et al. **Acta Paediatr Hung** 1984;25(3):255–61

Enzyme activities of cultured erythroblasts. Shinohara K, et al. **Am J Hematol** 1985 Oct;20(2):145–51

The long–term effect of glucagon on pyruvate kinase activity in primary cultures of hepatocytes. Evans C, et al. **Arch Biochem Biophys** 1984 Sep;233(2):617–23

Dephosphorylation of L–pyruvate kinase during rat liver hepatocyte isolation. Riou JP, et al. **Arch Biochem Biophys** 1985 Jan;236(1):321–7

Enhancement in the activities of mouse epidermal glucose–6–phosphate dehydrogenase, hexokinase, phosphofructokinase, and pyruvate kinase by 12–O–tetradecanoyl–phorbol–13–acetate. Tejwani GA, et al. **Arch Biochem Biophys** 1985 Jun;239(2):462–6

Changes in key regulatory enzymes of hepatic carbohydrate metabolism after glucose loading of starved rats. Claus TH, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):655–61

Insulin and glucagon's reciprocal mediation of a dual regulation mechanism for pyruvate kinase. Feuers RJ, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):651–6

Starvation and feeding with a high–carbohydrate diet induce changes in the specific activity of rat hepatic pyruvate kinase. Cimbala MA, et al. **Biochem J** 1985 Feb 15;226(1):299–303

Hormonal regulation of L–type pyruvate kinase in hepatocytes from phosphorylase kinase–deficient (gsd/gsd) rats. Clark MG, et al. **Biochem J** 1984 Dec 15;224(3):863–9

Thermodynamic linkages in rabbit muscle pyruvate kinase: kinetic, equilibrium, and structural studies. Oberfelder RW, et al. **Biochemistry** 1984 Aug 14;23(17):3813–21

Thermodynamic linkages in rabbit muscle pyruvate kinase: analysis of experimental data by a two–state model. Oberfelder RW, et al. **Biochemistry** 1984 Aug 14;23(17):3822–6

N–hydroxycarbamate is the substrate for the pyruvate kinase catalyzed phosphorylation of hydroxylamine. Weiss PM, et al. **Biochemistry** 1984 Sep 11;23(19):4346–50

The effect of pH on the interaction of substrates and effector to yeast and rabbit muscle pyruvate kinase. Brown CE, et al. **Biochim Biophys Acta** 1985 Jul 1;829(3):342–7

Effects of insulin, glucagon and dexamethasone on pyruvate kinase in cultured hepatocytes. Fleig WE, et al. **Biochim Biophys Acta** 1984 Oct 12;805(2):165–73

Reaction of 5'–p–fluorosulfonylbenzoyl–1,N6–ethenoadenosine with histidine and cysteine residues in the active site of rabbit muscle pyruvate kinase. Tomich JM, et al. **Biochim Biophys Acta** 1985 Mar 1;827(3):344–57

Pyruvate kinase: a carnitine–regulated site of ATP production in Trypanosoma brucei brucei. Gilbert RJ, et al. **Comp Biochem Physiol [B]** 1984;78(3):595–9

Pyruvate kinase activity in isolated rat hepatocytes during a feeding cycle and during fasting. Azzout B, et al. **Diabete Metab** 1984 Sep;10(3):165–70

Physicochemical and immunochemical proofs of short–term insulin regulation of hepatic M2 pyruvate kinase. Gali P, et al. **Enzyme** 1985;33(1):49–56

Changes in phosphofructokinase and pyruvate kinase in rat brain regions during alloxan–induced diabetes. Srivastava LK, et al. **Enzyme** 1984;32(2):84–8

Effect of polyethylene glycol on the kinetic behaviour of pyruvate kinase and other potentially regulatory liver enzymes. Medina R, et al. **FEBS Lett** 1985 Jan 21;180(1):77–80

Molecular and cellular regulation of pyruvate kinase in red blood cells. Jacobasch G, et al. **Haematologia (Budap)** 1984;17(2):259–66

The effect of chronic ethanol ingestion on ethanol metabolizing enzymes in isolated periportal and perivenous rat hepatocytes. Väänänen H, et al. **Hepatology** 1984 Sep–Oct;4(5):862–6

AMP deaminase reaction as a control system of glycolysis in yeast. Role of ammonium ion in the interaction of phosphofructokinase and pyruvate kinase activity with the adenylate energy charge. Yoshino M, et al. **J Biol Chem** 1985 Apr 25;260(8):4729–32

Inhibition of cyclic AMP–dependent protein kinase–induced changes in the kinetic properties of hepatic pyruvate kinase by the specific cyclic AMP antagonist, the (Rp)–diastereomer of adenosine cyclic 3',5'–phosphorothioate. Dragland–Meserve CJ, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985;10(4):371–82

Decrease in L–type pyruvate kinase activity in rat liver by some promoters of hepatocarcinogenesis. Yanagi S, et al. **JNCI** 1984 Oct;73(4):887–94

Changes of aldolase and pyruvate kinase isoenzymes during liver cirrhosis induction with carbon tetrachloride and 2–acetylamino–fluorene. Gruszka S, et al. **Mater Med Pol** 1984 Apr–Dec;16(2–4):75–80

Evidence for phosphorylation of pancreatic islet pyruvate kinase. MacDonald MJ, et al. **Metabolism** 1985 Jul;34(7):600–3

The influence of inorganic phosphate and ATP on the kinetics of bovine heart muscle pyruvate kinase. Baranowska B, et al. **Mol Cell Biochem** 1984 Sep;64(1):45–50

[Pyruvate kinase activity in organs of swine of different ages] Wilson OB, et al. **Arch Exp Veterinarmed** 1984 Jul;38(4):621–8 (Eng. Abstr.) **(Ger)**

[Biochemical effects of anaerobiosis in Venus gallina L. and Scapharca inaequivalvis (Bruguiere)] Carpené E, et al. **Boll Soc Ital Biol Sper** 1985 May 30;61(5):707–14 (Eng. Abstr.) **(Ita)**

[Extrapancreatic action of glibenclamide. Reduction of the inhibitory effect of glucagon on hepatic pyruvate kinase] Belfiore F, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):257–60 (Eng. Abstr.) **(Ita)**

[Pyruvate kinase in the bovine adrenal cortex] Mandrik KA, et al. **Biokhimiia** 1984 Aug;49(8):1295–9 (Eng. Abstr.) **(Rus)**

PYRUVATE OXIDASE

GENETICS

Molecular cloning of the gene (poxB) encoding the pyruvate oxidase of Escherichia coli, a lipid–activated enzyme. Grabau C, et al. **J Bacteriol** 1984 Dec;160(3):1088–92

ISOLATION & PURIFICATION

Purification and biochemical characterization of pyruvate oxidase from Lactobacillus plantarum. Sedewitz B, et al. **J Bacteriol** 1984 Oct;160(1):273–8

METABOLISM

Reconstitution of the lipid–depleted pyruvate oxidase system of Escherichia coli: the palmitic acid effect. Kiuchi K, et al. **Arch Biochem Biophys** 1984 Sep;233(2):776–84

Reconstitution of the Ubiquinone–dependent pyruvate oxidase system of Escherichia coli with the cytochrome o terminal oxidase complex. Carter K, et al. **J Biol Chem** 1985 Sep 15;260(20):10986–90

Spectroscopic studies of pyruvate oxidase flavoprotein from Escherichia coli trapped in the lipid–activated form by cross–linking. Mather MW, et al. **J Biol Chem** 1985 Sep 5;260(19):10395–7

PHYSIOLOGY

Physiological role of pyruvate oxidase in the aerobic metabolism of Lactobacillus plantarum. Sedewitz B, et al. **J Bacteriol** 1984 Oct;160(1):462–5

PYRUVATE, PHOSPHATE DIKINASE see under **PHOSPHOTRANSFERASES, ATP**

PYRUVATES

Pyruvylated glycolipids from Mycobacterium smegmatis. Nature and location of the lipid components. Kamisango K, et al. **J Biol Chem** 1985 Apr 10;260(7):4117–21

ANALYSIS

An enzymatic determination of D–glucaric acid by conversion to pyruvate. Marsh CA. **Anal Biochem** 1985 Mar;145(2):266–72

BIOSYNTHESIS

Excretion of alpha–keto acids by strains of Streptomyces venezuelae. Ahmed ZU, et al. **Can J Microbiol** 1984 Aug;30(8):1014–21

BLOOD

The metabolic and endocrine milieu of the human fetus at 18–21 weeks of gestation. II. Blood glucose, lactate, pyruvate and ketone body concentrations. Aynsley–Green A, et al. **Biol Neonate** 1985;47(1):19–25

Binding of hydralazine and a major metabolite, pyruvate hydrazone, to rat plasma protein and human serum albumin. Ogiso T, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug; 32(8):3155-63

Pyruvate interference in RA 1000 single-reagent AST method [letter] van Zanten AP, et al. **Clin Chem** 1984 Nov; 30(11):1883

Effect of pyridoxine alpha-ketoglutarate (PAK) on ammonia and pyruvic and lactic acid blood levels in patients with cirrhosis. Salerno F, et al. **Int J Clin Pharmacol Res** 1983; 3(1):21-5

An enzyme specific method for estimation of pyruvic acid radioactivity in biological samples. Gianotti M, et al. **J Biochem Biophys Methods** 1984 Dec;10(3-4):181-5

Effects of intravenous ritodrine on lactate and pyruvate levels: role of glycemia and anaerobiosis. Cano A, et al. **Obstet Gynecol** 1985 Aug;66(2):207-10

Pyruvate and acetate oxidation by leukocytes in vitro. Activation of the pyruvate dehydrogenase complex by uncoupling of oxidative phosphorylation. Venizelos N, et al. **Scand J Clin Lab Invest** 1985 Jun;45(4):335-40

[Indicators of exertion metabolism in parturients] Brodziński W. **Wiad Lek** 1985 Feb 15;38(4):277-82 (Eng. Abstr.) **(Pol)**

[Effect of partusisten treatment on selected parameters of carbohydrate metabolism in pregnant women] Olech-Jedlikowska K, et al. **Wiad Lek** 1984 May 15; 37(10):769-75 (Eng. Abstr.) **(Pol)**

[Indicators of carbohydrate metabolism and serum enzyme activity after short-term space flights] Popova IA, et al. **Kosm Biol Aviakosm Med** 1984 Nov-Dec;18(6):78-9 **(Rus)**

CEREBROSPINAL FLUID

[A case of Kearns-Sayre syndrome with elevated lactate and pyruvate levels in the cerebrospinal fluid] Suehara M, et al. **Rinsho Shinkeigaku** 1985 Feb;25(2):147-52 (Eng. Abstr.) **(Jpn)**

METABOLISM

Monocarboxylate-uptake kinetics in perfused rat heart. Dennis SC, et al. **Adv Myocardiol** 1985;6:259-72

Compartmented pyruvate in perfused working heart. Bünger R. **Am J Physiol** 1985 Sep;249(3 Pt 2):H439-49

L-amino acids from a racemic mixture of alpha-hydroxy acids. Wandrey C, et al. **Ann NY Acad Sci** 1984;434:91-4

Pyruvate-dependent oxidative phosphorylation in erythroid and myeloid tumor mitochondria. Abou-Khalil S, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):792-6

Regulation of pyruvate oxidation in blowfly flight muscle mitochondria: requirement for ADP. Bulos BA, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):382-93

Oxaloacetate permeation in rat kidney mitochondria: pyruvate/oxaloacetate and malate/oxaloacetate translocators. Passarella S, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):1-10

A re-evaluation of the role of mitochondrial pyruvate transport in the hormonal control of rat liver mitochondrial pyruvate metabolism. Halestrap AP, et al. **Biochem J** 1984 Nov 1;223(3):677-85

Labelling of liver glutamate by [1-14C]- and [2-14C]-pyruvate as a measure of oxaloacetate-fumarate disequilibrium in the mitochondria. Heath DF. **Biochem J** 1985 May 1;227(3):866-7

Influence of insulin and glucose on pyruvate catabolism in perfused rat hindlimbs. Schadewaldt P, et al. **Biochem J** 1985 Apr 1;227(1):177-82

The concentration of the mitochondrial pyruvate carrier in rat liver and heart mitochondria determined with alpha-cyano-beta-(1-phenylindol-3-yl)acrylate. Shearman MS, et al. **Biochem J** 1984 Nov 1;223(3):673-6

The lactate dehydrogenase catalyzed pyruvate adduct reaction: simultaneous general acid-base catalysis involving an enzyme and an external catalyst. Burgner JW 2d, et al. **Biochemistry** 1984 Jul 31;23(16):3626-35

The role of glucose, pyruvate and lactate in ATP production by rat spermatocytes and spermatids. Grootegoed JA, et al. **Biochim Biophys Acta** 1984 Nov 26;767(2):248-56

Bromopyruvate, a potential affinity label for octopine dehydrogenase. Thomé F, et al. **Biochimie** 1985 Feb; 67(2):249-52

Influence of octanoate on the rate of oxidative phosphorylation and the associated extramitochondrial ATP/ADP ratios studied with isolated rat liver mitochondria oxidizing pyruvate. Schönfeld P, et al. **Biomed Biochim Acta** 1984;43(10):1055-65

Aortic pressure, substrate utilization and protein synthesis. Morgan HE, et al. **Eur Heart J** 1984 Dec;5 Suppl F:141-6

Short-term insulin infused through the portal vein enhances liver gluconeogenesis and glycogenesis from [3-14C]pyruvate in the starved rat. Soley M, et al. **Int J Biochem** 1985;17(6):689-93

Glucose infused through the portal vein enhances liver gluconeogenesis and glycogenesis from [3-14C]pyruvate in the starved rat. Soley M, et al. **Int J Biochem** 1985; 17(6):685-8

Skeletal muscle fibers in suspension: a new approach to the study of oxidative and glycolytic metabolism in differentiated muscle. Zuurveld JG, et al. **Int J Biochem** 1984;16(11):1107-14

Pyruvoyl-dependent histidine decarboxylases. Comparative sequences of cysteinyl peptides of the enzymes from Lactobacillus 30a, Lactobacillus buchneri, and Clostridium perfringens. Huynh QK, et al. **J Biol Chem** 1985 Mar 10; 260(5):2794-7

Pyruvoyl-dependent histidine decarboxylases. Preparation and amino acid sequences of the beta chains of histidine decarboxylase from Clostridium perfringens and Lactobacillus buchneri. Huynh QK, et al. **J Biol Chem** 1985 Mar 10;260(5):2798-803

Pyruvoyl-dependent histidine decarboxylases. Mechanism of cleavage of the proenzyme from Lactobacillus buchneri. Recsei PA, et al. **J Biol Chem** 1985 Mar 10;260(5):2804-6

Metabolic studies of pyruvate- and lactate-perfused guinea pig hearts by 13C NMR. Determination of substrate preference by glutamate isotopomer distribution. Sherry AD, et al. **J Biol Chem** 1985 Aug 5;260(16):9272-9

Production of pyruvate by isolated mouse cumulus cells. Leese HJ, et al. **J Exp Zool** 1985 May;234(2):231-6

Effects of short and medium chain length fatty acids on pyruvate oxidation by cultured human fibroblasts and rat liver mitochondria. Koga Y, et al. **J Inherited Metab Dis** 1984;7(3):141-2

Specific replacements of pyruvate for trophic support of central and peripheral nervous system neurons. Facci L, et al. **J Neurochem** 1985 Sep;45(3):926-34

Halothane-induced alterations of glucose and pyruvate metabolism in rat cerebra synaptosomes. Johnson GV, et al. **J Neurochem** 1985 Jun;44(6):1838-44

Pyruvate metabolism in the brain of young rats intoxicated with organic and inorganic lead. Regunathan S, et al. **J Neurochem** 1984 Nov;43(5):1346-51

Gluconeogenesis and phosphate reabsorption in isolated lactate- or pyruvate-perfused rat kidneys. Baines AD, et al. **Miner Electrolyte Metab** 1984;10(5):286-91

Friedreich's ataxia: intravenous pyruvate load to demonstrate a defect in pyruvate metabolism. Dijkstra U. et al. **Neurology** 1984 Nov;34(11):1493-7

Improvement of abnormal pyruvate metabolism and cardiac conduction defect with coenzyme Q10 in Kearns-Sayre syndrome. Ogasahara S, et al. **Neurology** 1985 Mar; 35(3):372-7

Effects of dichloroacetate on pyruvate metabolism in rat brain in vivo. Kuroda Y, et al. **Pediatr Res** 1984 Oct; 18(10):936-8

Myocardial pyruvate, lactate, and orthophosphate contents under different postischemic conditions. A study in a paracorporeal rat heart model. Hultman J, et al. **Scand J Thorac Cardiovasc Surg** 1985;19(1):69-76

[Linearity of the lactate dehydrogenase reaction. 1. Reaction direction pyruvate——lactate (P——L)] Liese W, et al. **Z Med Lab Diagn** 1985;26(2):93-100 (Eng. Abstr.) **(Ger)**

[Adaptive changes in carbohydrate metabolism in the placenta in experimental fetal anoxia] Nazyrov AT. **Akush Ginekol (Mosk)** 1984 Oct;(10):45-7 (Eng. Abstr.) **(Rus)**

[Lactate and pyruvate metabolism in the tissues of rats with Walker carcinosarcoma injected with oxythiamine] Velichko MG, et al. **Eksp Onkol** 1984;6(2):54-7 (Eng. Abstr.) **(Rus)**

[Mouse oocyte maturation in vitro at a low concentration of pyruvate in the culture medium] Velikov VIu. **Ontogenez** 1985 Jan-Feb;16(1):76-8 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Effect of lactate and pyruvate on cerebrocortical microcirculation and NAD/NADH redox state. Dora E. **Adv Exp Med Biol** 1984;180:159-67

Stimulation of 16-dehydroprogesterone and progesterone reductases of Eubacterium sp. strain 144 by hemin and hydrogen or pyruvate. Glass TL, et al. **Appl Environ Microbiol** 1985 May;49(5):1146-53

Pyruvate inhibition of pyruvate dehydrogenase kinase is a physiological variable. Lyn D, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):992-8

Pyruvate prevents the ATP depletion caused by formaldehyde or calcium-chelator esters in the human red cell. García-Sancho J. **Biochim Biophys Acta** 1985 Feb 28; 813(1):148-50

Effects of hormones and pyruvate on the rates of secretion of very-low-density lipoprotein triacylglycerol and cholesterol by rat hepatocytes. Pullinger CR, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):44-51

Pyruvate regulation of growth and differentiation in primary cultures of rat tracheal epithelial cells. Wasilenko WJ, et al. **Exp Cell Res** 1984 Dec;155(2):507-17

Active site-directed modification of tryptophanase by 3-bromopyruvate. Honda T, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):851-7

Inhibition of palmitoylcarnitine oxidation by pyruvate in rat heart mitochondria. Brosnan JT, et al. **Metabolism** 1985 Jun;34(6):588-93

The effects of pyruvate on glycolysis in stored human red cells. Nishiguchi E, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep;47(6):1219-29

PHYSIOLOGY

Pyruvate participation in the low molecular weight trophic activity for central nervous system neurons in glia-conditioned media. Selak I, et al. **J Neurosci** 1985 Jan; 5(1):23-8

SECRETION

Pyruvate and lactate production by cultured Sertoli cells, fibroblasts and muscle satellite cells, and the effect of hormonal and dcAMP stimulation. Vivarelli E, et al. **Cell Biol Int Rep** 1984 Sep;8(9):739-46

THERAPEUTIC USE

Fatty liver caused by chronic alcohol ingestion is prevented by dietary supplementation with pyruvate or glycerol. Rao GA, et al. **Lipids** 1984 Aug;19(8):583-8

TOXICITY

Mutagenic investigation of flavourings: dimethyl succinate, ethyl pyruvate and aconitic acid are negative in the Salmonella/mammalian-microsome test. Andersen PH, et al. **Food Addit Contam** 1984 Jul-Sep;1(3):283-8

PYRVINIUM COMPOUNDS

THERAPEUTIC USE

[Proposal for the treatment of Syphacia muris infection in the laboratory rat with the agent pyrvinium pamoate] Veletzky S, et al. **Zentralbl Veterinarmed [B]** 1985 Feb; 32(2):149-53 (Eng. Abstr.) **(Ger)**

PYTHIUM see under **PHYCOMYCETES**

PYURIA

DIAGNOSIS

Detection of bacteriuria and pyuria within two minutes. Pezzlo MT, et al. **J Clin Microbiol** 1985 Apr;21(4):578-81

Leucocyte esterase determination as a secondary procedure for urine screening. Leighton PM, et al. **J Clin Pathol** 1985 Feb;38(2):229-32

URINE

Clean-catch versus straight-catheter urinalysis results in women. Guss DA, et al. **Am J Emerg Med** 1985 Jul; 3(4):369-71

Q BETA REPLICASE see under **RNA NUCLEOTIDYLTRANSFERASES**

Q FEVER

Pneumonia and meningo-encephalitis due to Coxiella burnetii. Marrie TJ. **J Infect** 1985 Jul;11(1):59-61

[Q fever infection probably caused by a human placenta] Ossewaarde JM, et al. **Ned Tijdschr Geneeskd** 1984 Dec 1;128(48):2258-60 (Eng. Abstr.) **(Dut)**

[Characteristics of Q fever in patients treated in 1982 at the Clinic for Infectious Diseases in Zagreb] Petričević I, et al. **Lijec Vjesn** 1985 May;107(5):188-91 (Eng. Abstr.) **(Scr)**

COMPLICATIONS

Q fever as a possible cause of bilateral optic neuritis. Schuil J, et al. **Br J Ophthalmol** 1985 Aug;69(8):580-3

[Q fever with acute paranoid psychosis] Gerdes LU, et al. **Ugeskr Laeger** 1985 Apr 22;147(17):1412-3 (Eng. Abstr.) **(Dan)**

[Hepatitis caused by Q fever simulating acute cholecystitis (letter)] Blanch L, et al. **Med Clin (Barc)** 1985 May 25; 84(20):841-2 **(Spa)**

[Hepatic form of Q fever. Apropos of a case] Ancochea Bermúdez J, et al. **Rev Esp Enferm Apar Dig** 1985 Jan; 67(1):63-6 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

A rapid immunofluorescent procedure for serodiagnosis of Q fever in mice, guinea pigs, sheep, and humans. Ascher MS, et al. **Diagn Immunol** 1983;1(1):33-8

Immunofluorescence serology. A tool for prognosis of Q-fever. Edlinger E. **Diagn Microbiol Infect Dis** 1985 Jul; 3(4):343-51

Early diagnosis of Q fever: detection of immunoglobulin M by radioimmunoassay and enzyme immunoassay. Döller G, et al. **Eur J Clin Microbiol** 1984 Dec;3(6):550-3

Coxiella burnetii infection in immunocompromised patients. Heard SR, et al. **J Infect** 1985 Jul;11(1):15-8

Q fever in infancy: a review of 18 cases. Richardus JH, et al. **Pediatr Infect Dis** 1985 Jul-Aug;4(4):369-73

[Clinical aspects observed during an epidemic of 415 cases of Q fever] Dupuis G, et al. **Schweiz Med Wochenschr** 1985 Jun 15;115(24):814-8 (Eng. Abstr.) **(Fre)**

[Serodiagnosis of human Q-fever—demonstration of non-complement binding IgM antibodies in the enzyme-linked immunosorbent assay (ELISA)] Schmeer N, et al. **Immun Infekt** 1984 Oct;12(5):245-51 (Eng. Abstr.) **(Ger)**

[Pneumonia resembling a tumor] Otte W, et al. **Internist (Berlin)** 1985 Jan;26(1):46-9 **(Ger)**

[Differential diagnostic difficulties in sporadic Q fever] Mikola I, et al. **Orv Hetil** 1985 Aug 11;126(32):1963-6 **(Hun)**

[Pneumonias in Q fever] Sturdza VR, et al. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct-Dec;88(4):695-6

(Eng. Abstr.) (Rum)

[Trial of an erythrocyte antigenic diagnostic agent for detecting antibodies to Coxiella burnetii] Tokarevich NK, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):51-5 (Eng. Abstr.) (Rus)

[The cavitary image as an uncommon radiologic manifestation in Q fever (letter)] Montejo Baranda M, et al. **Med Clin (Barc)** 1984 Jun 30;83(5):222 (Spa)

[Q fever. Presentation of 8 cases] Puras Tellaeche A, et al. **Rev Clin Esp** 1984 Sep 15;174(5):163-7 (Eng. Abstr.) (Spa)

DRUG THERAPY

[Effectiveness of early antibacterial treatment combined with butadion in patients with Q fever] Terent'ev VF. **Vrach Delo** 1985 Apr;(4):110-2 (Eng. Abstr.) (Rus)

ETIOLOGY

Correlation of plasmid type and disease caused by Coxiella burnetii. Samuel JE, et al. **Infect Immun** 1985 Sep;49(3):775-9

[Q fever cases 1983] Stempień R, et al. **Pol Tyg Lek** 1985 Jan 21;40(3):75-6 (Eng. Abstr.) (Pol)

IMMUNOLOGY

Sensitization of mice to rickettsial toxin by Coxiella burnetii. Kazár J, et al. **Acta Virol (Praha)** 1984 Jul;28(4):309-16

Changes in circulating immune complex concentrations and antibody titres during treatment of Q fever endocarditis. Coyle PV, et al. **J Clin Pathol** 1985 Jul;38(7):743-6

Cellular immunity in Q fever: modulation of responsiveness by a suppressor T cell-monocyte circuit. Koster FT, et al. **J Immunol** 1985 Aug;135(2):1067-72

Antibody responses in acute and chronic Q fever and in subjects vaccinated against Q fever. Worswick D, et al. **J Med Microbiol** 1985 Jun;19(3):281-96

[Anti-mitochondria antibodies with an anti-M aspect, in Q fever (letter)] Elouaer-Blanc L, et al. **Gastroenterol Clin Biol** 1984 Dec;8(12):980 (Fre)

METABOLISM

Ribosomal protein phosphorylation induced during Q fever or by lipopolysaccharide: in vitro translation is stimulated by infected liver ribosomes. Hickey MJ, et al. **Infect Immun** 1985 Jun;48(3):690-6

OCCURRENCE

Household outbreak of Q-fever pneumonia related to a parturient cat. Kosatsky T. **Lancet** 1984 Dec 22;2(8417-18):1447-9

[A survey of Q fever at the shore of Lake Aibi, Boertala area, Xinjiang Autonomous Region] Zong DG. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Oct;5(5):270-2 (Eng. Abstr.) (Chi)

[Q fever in the Netherlands; a description of 33 case reports observed between 1979 and 1983] Richardus JH, et al. **Ned Tijdschr Geneeskd** 1984 Dec 1;128(48):2253-8 (Eng. Abstr.) (Dut)

[Q fever--a reportable disease] Klug J, et al. **Z Arztl Fortbild (Jena)** 1985;79(3):119-20 (Ger)

[Pulmonitis caused by Coxiella burneti and Chlamydia psittaci. 2 years of research in Marche] Bagnarelli P, et al. **Boll Ist Sieroter Milan** 1984;63(6):543-5 (Eng. Abstr.) (Ita)

[Clinico-epidemiological characteristics of Q fever in the Carpathian region] Sukhopiatkina AA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):80-1 (Eng. Abstr.) (Rus)

[An epidemic of Q fever in northern Croatia in 1983 (epidemiologic-serological aspects)] Borčić B, et al. **Lijec Vjesn** 1984 Sep;106(9):353-7 (Eng. Abstr.) (Scr)

[Epidemiologic characteristics of Q fever in Vojvodina] Vuković B, et al. **Vojnosanit Pregl** 1984 May-Jun;41(3):170-3 (Eng. Abstr.) (Scr)

[Q fever in Seville. Comparison with other entities. Description of 34 cases and review] Martínez-Luengas F, et al. **Rev Clin Esp** 1985 May;176(8):400-5 (Eng. Abstr.) (Spa)

PREVENTION & CONTROL

Q fever serologic surveillance program for sheep and goats at a research animal facility. Singh SB, et al. **Am J Vet Res** 1985 Feb;46(2):321-5

Q fever: antigens and vaccines [editorial] **Lancet** 1984 Dec 22;2(8417-18):1435-6

Vaccine prophylaxis of abattoir-associated Q fever. Marmion BP, et al. **Lancet** 1984 Dec 22;2(8417-18):1411-4

RADIOGRAPHY

The radiographic features of epidemic and sporadic Q fever pneumonia. Gordon JD, et al. **J Can Assoc Radiol** 1984 Sep;35(3):293-6

TRANSMISSION

[The significance of sheep in the epidemiology of Q fever in Slovakia] Baloghová D, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 May;34(3):184-8 (Eng. Abstr.) (Slo)

VETERINARY

Seroepidemiology of Q fever among domestic animals in Nova Scotia. Marrie TJ, et al. **Am J Public Health** 1985 Jul;75(7):763-6

Q-fever control in Cyprus--recent progress. Polydorou K. **Br Vet J** 1985 Jul-Aug;141(4):427-30

Q fever and experimental sheep. From the International Council for Laboratory Animal Science. Grant CG, et al. **Infect Control** 1985 Mar;6(3):122-3

[Epidemiology of Q fever in Hesse: studies using enzyme immunoassay and the complement fixation reaction] Gouverneur K, et al. **Berl Munch Tierarztl Wochenschr** 1984 Dec 1;97(12):437-41 (Eng. Abstr.) (Ger)

[Humoral immune response of goats, rabbits and guinea pigs following vaccination with a Q fever vaccine] Schmeer N, et al. **Berl Munch Tierarztl Wochenschr** 1985 Jan 1;98(1):20-4 (Eng. Abstr.) (Ger)

[Enzyme-linked immunosorbent assay (ELISA) for the demonstration of IgG1, IgG2 and IgM antibodies in bovine Q fever infection] Schmeer N. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Feb;259(1):20-34 (Eng. Abstr.) (Ger)

[Micromethod of carrying out the complement fixation-inhibition reaction and its use in Q-rickettsiosis] Rudakov NV. **Lab Delo** 1984;(10):624-5 (Eng. Abstr.) (Rus)

Q-SORT see under **PERSONALITY ASSESSMENT**

QUACKERY

see related
NOSTRUMS

A pharmacist's guide to quack weight products. Uretsky SD. **Am Pharm** 1985 Feb;NS25(2):24-9

Pseudoscience--a critical look at iridology [editorial] Worrall RS. **J Am Optom Assoc** 1984 Oct;55(10):735-9

Perceptions and realities in cancer quackery. Lerner I. **Minn Med** 1985 Apr;68(4):265

HISTORY

Doctrinal deviance in New Zealand medical practice: some historical comments. Cole D. **NZ Med J** 1985 Jul 10;98(782):541-5

QUADRIGEMINAL PLATE see **CORPORA QUADRIGEMINA**

QUADRIPLEGIA

Locked-in syndrome. Case and literature review. Virgile RS. **Clin Neurol Neurosurg** 1984;86(4):275-9 (33 ref.)

BLOOD

Lack of circadian rhythmicity in serum prolactin in traumatic tetraplegics during the spinal shock phase. Krishan K, et al. **Indian J Med Res** 1985 Apr;81:391-4

Thyrotropin-releasing hormone decreases plasma beta-endorphin level in traumatic tetraplegics--a possible therapeutic agent. Suryaprakash B, et al. **Indian J Physiol Pharmacol** 1984 Oct-Dec;28(4):341-3

Release of antidiuretic hormone in quadriplegic subjects in response to head-up tilt. Sved AF, et al. **Neurology** 1985 Jan;35(1):78-82

CHEMICALLY INDUCED

'Locked in' syndrome following prolonged hypoglycemia [letter] Negreiros dos Anjos M. **Diabetes Care** 1984 Nov-Dec;7(6):613

[A successfully treated case of spironolactone-induced hyperkalemic quadriplegia] Radó J, et al. **Orv Hetil** 1985 Aug 11;126(32):1967-70, 1973-4 (Eng. Abstr.) (Hun)

COMPLICATIONS

Pseudomembranous colitis in spinal cord injury. Johnson DK, et al. **Arch Phys Med Rehabil** 1985 Jun;66(6):394-6

Spastic hemiplegia in a quadriplegic patient: treatment with phenol nerve block. Wainapel SF, et al. **Arch Phys Med Rehabil** 1984 Dec;65(12):786-7

'Reactivation' of Tc-99m MDP uptake in heterotopic bone. Vento JA, et al. **Clin Nucl Med** 1985 Mar;10(3):206-7

A quadriplegic patient with borderline personality disorder. Frances A, et al. **Hosp Community Psychiatry** 1985 May;36(5):463-4, 474

Accidental hypothermia in a healthy quadriplegic patient. Altus P, et al. **Neurology** 1985 Mar;35(3):427-8

Non-operative management of extra-peritoneal rupture of the urinary bladder in a tetraplegic patient. Goel AK, et al. **Paraplegia** 1984 Oct;22(5):325-9

Ingrowing toenails and tetraplegia. Jaffray D, et al. **Paraplegia** 1985 Jun;23(3):176-81

Transurethral sphincteroresection in traumatic tetraplegia. Namiki T. **Urol Int** 1984;39(5):286-91

[Cardiac arrest after prostigmine during the acute phase of post-traumatic tetraplegia] Saissy JM. **Cah Anesthesiol** 1984 Jan-Feb;32(1):61-2 (Fre)

[Action of trazodone on pyramidal hypertension. Clinical study] Montanini R, et al. **Riv Neurol** 1984 Nov-Dec;54(6):367-73 (Eng. Abstr.) (Ita)

DIAGNOSIS

One-and-a-half syndrome in ischaemic locked-in state: a clinico-pathological study. Bogousslavsky J, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):927-35

Simulated paraplegia: an occasional problem for the neurosurgeon. Maurice-Williams RS, et al. **J Neurol Neurosurg Psychiatry** 1985 Aug;48(8):826-31

ETIOLOGY

Transient aphonia and quadriplegia during epidural anesthesia. Drexler H, et al. **Anesth Analg** 1985 Mar;64(3):365-6

Anesthesia-related transient aphonia and quadriplegia [letter] Parker WD Jr, et al. **Anesth Analg** 1985 Oct;64(10):1038

Osteomyelitis of the cervical spine: reversible quadraplegia resulting from Philadelphia collar placement. Slagel SA, et al. **Ann Emerg Med** 1985 Sep;14(9):912-5

Tetraplegia as a presenting feature of systemic lupus erythematosus complicated by pulmonary hypertension. Hardie RJ, et al. **Ann Rheum Dis** 1985 Jul;44(7):491-3

Medically reversible quadriparesis in tophaceous gout. Jacobs SR, et al. **Arch Phys Med Rehabil** 1985 Mar;66(3):188-90

Locked-in syndrome caused by a megadolicho vascular malformation of the basilar artery. Schoenmaker RT. **Clin Neurol Neurosurg** 1984;86(3):159-62

Transient brain stem dysfunction manifesting as locked-in syndrome secondary to alcoholism. Rana PV, et al. **J Assoc Physicians India** 1985 Apr;33(4):301-2

Quadriplegia after minor trauma in the Klippel-Feil syndrome. A case report and review of the literature. Elster AD. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1473-4

Vascular catastrophe following the Dandy McKenzie operation for spasmodic torticollis. Adams CB. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):990-4

Hyperkalaemic paralysis following traumatic rupture of the urinary bladder. Shinotoh H, et al. **J Neurol Neurosurg Psychiatry** 1985 May;48(5):484-5

Goniometric reliability for a child with spastic quadriplegia. Harris SR, et al. **J Pediatr Orthop** 1985 May-Jun;5(3):348-51

Locked-in state induced by internal capsule or globus pallidus lesions? [letter] Masdeu JC. **Neurology** 1985 Aug;35(8):1257-8

Trampoline-related quadriplegia: review of the literature and reflections on the American Academy of Pediatrics' position statement. Torg JS, et al. **Pediatrics** 1984 Nov;74(5):804-12

[Symptomatic atlanto-axial dislocation in Down's syndrome] Duel P, et al. **Ugeskr Laeger** 1984 Aug 20;146(34):2563-4 (Eng. Abstr.) (Dan)

[Acute intermittent porphyria with clinical symptoms of an atypical polyradiculoneuropathy] Oey PL, et al. **Ned Tijdschr Geneeskd** 1985 Feb 2;129(5):221-3 (Eng. Abstr.) (Dut)

[A case of tetraparesis caused by an atlanto-occipital abnormality] Savini R, et al. **Chir Organi Mov** 1984;69(3):279-83 (Eng. Abstr.) (Ita)

[Rare vascular diseases of the brain stem. The 'locked-in' syndrome] Rafalowska J, et al. **Neuropatol Pol** 1984;22(4):509-22 (Eng. Abstr.) (Pol)

[The locked-in syndrome in the postoperative period of infratentorial surgery] Gilsanz FJ, et al. **Rev Esp Anestesiol Reanim** 1984 Sep-Oct;31(5):205-7 (Eng. Abstr.) (Spa)

METABOLISM

Energy expenditure after spinal cord injury: an evaluation of stable rehabilitating patients. Cox SA, et al. **J Trauma** 1985 May;25(5):419-23

General metabolism in patients with acute paraplegia and quadriplegia. Kaufman HH, et al. **Neurosurgery** 1985 Mar;16(3):309-13

NURSING

Theoretical strategies and nursing interventions to promote psychosocial adaptation to spinal cord injuries and disability. Friedman-Campbell M, et al. **J Neurosurg Nurs** 1984 Dec;16(6):335-42

[Experience in the care of a patient with locked-in syndrome] Wu J. **Chung Hua Hu Li Tsa Chih** 1985 Feb;20(1):20-2 (Chi)

PATHOLOGY

Cervical sagittal spinal canal size in spine injury. Eismont FJ, et al. **Spine** 1984 Oct;9(7):663-6

PHYSIOPATHOLOGY

Relationship between respiratory muscle electromyogram and rib cage motion in tetraplegia. Estenne M, et al. **Am Rev Respir Dis** 1985 Jul;132(1):53-9

Diaphragmatic function following cervical cord injury: neurally mediated improvement. Axen K, et al. **Arch Phys Med Rehabil** 1985 Apr;66(4):219-22

The individuality of chest wall motion in tetraplegia. Morgan MD, et al. **Bull Eur Physiopathol Respir** 1984 Nov-Dec;20(6):547-52

Localization of sensory levels in traumatic quadriplegia by segmental somatosensory evoked potentials. Louis AA, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul;62(4):313-6

Autonomic neural control mechanisms and the release of adrenal steroids after hypoglycaemia in man. Frier BM, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:138–41

Respiration in tetraplegia and in hemiplegia: a review. Fugl-Meyer AR, et al. **Int Rehabil Med** 1984;6(4):186–90 (55 ref.)

Submaximal exercise responses of tetraplegics and paraplegics. Coutts KD, et al. **J Appl Physiol** 1985 Jul; 59(1):237–41

Absent aldosterone response to metoclopramide in patients with high spinal cord transection: evidence that metoclopramide stimulates aldosterone secretion through central pathways. Beck FW, et al. **Life Sci** 1985 Jun 24; 36(25):2435–44

Contribution of the rib cage to breathing in tetraplegia. Morgan MD, et al. **Thorax** 1985 Aug;40(8):613–7

[Bladder paralysis in spinal injuries. Primary therapeutic results in 1-year case material] Gjone RN. **Tidsskr Nor Laegeforen** 1985 Jan 20;105(2):134–8 (Eng. Abstr.) **(Nor)**

PSYCHOLOGY

Chronic 'locked-in' syndrome: psychological study of a case. Cappa SF, et al. **Eur Neurol** 1985;24(2):107–11

RADIOGRAPHY

Sudden quadriplegia after a minor trauma. The role of preexisting spinal stenosis. Firooznia H, et al. **Surg Neurol** 1985 Feb;23(2):165–8

REHABILITATION

Brief or new: two pronation splints. Hage G. **Am J Occup Ther** 1985 Apr;39(4):265–7

Brief or new: disk hand control for persons with high-level spinal cord injuries. Mildenberger LA. **Am J Occup Ther** 1985 Mar;39(3):200–1

Technology and occupational therapy in the rehabilitation of the bedridden quadriplegic. Seplowitz C. **Am J Occup Ther** 1984 Nov;38(11):743–7

Wheelchair cushion modification and its effect on pressure. Garber SL, et al. **Arch Phys Med Rehabil** 1984 Oct; 65(10):579–83

Adaptive device for the quadriplegic golfer. Gordon S, et al. **Arch Phys Med Rehabil** 1985 Jul;66(7):475–6

Tendon transfer for the restoration of upper limb function after a cervical spinal cord injury. Freehafer AA, et al. **J Hand Surg [Am]** 1984 Nov;9(6):887–93

Case report: electrophrenic respiration and discharge planning with a C1 quadriplegic. MacKechnie J, et al. **J Neurosurg Nurs** 1984 Dec;16(6):347–52

Modular mouthstick system. Kozole KP, et al. **J Prosthet Dent** 1985 Jun;53(6):831–5

An apparatus making possible restoration of simple functions of the tetraplegic hand. Kiwerski J, et al. **Paraplegia** 1984 Oct;22(5):316–9

The care of paraplegics and tetraplegics in Singapore. Tan ES. **Paraplegia** 1985 Jun;23(3):159–63

Enhancement of two motor functions of the lower extremity in a child with spastic quadriplegia. Laskas CA, et al. **Phys Ther** 1985 Jan;65(1):11–6

[Restoration of elbow extension in the tetraplegic by transplantation of the posterior deltoid. Study of 21 cases] Allieu Y, et al. **Rev Chir Orthop** 1985;71(3):195–200 (Eng. Abstr.) **(Fre)**

[Experiences in the rehabilitation of patients with mainly traumatic spinal cord injuries] Stichel W. **Beitr Orthop Traumatol** 1985 Apr;32(4):166–72 (Eng. Abstr.) **(Ger)**

[Functional electric stimulation in paralysis and paresis with damage of the superior motor neuron (letter)] Barés C. **Medicina (B Aires)** 1983;43(6 Pt 2):899 **(Spa)**

SURGERY

Some thoughts on the current state of treatment of the upper limb in traumatic tetraplegia. Lamb DW. **Ann Chir Main** 1984;3(1):76–80 **(Eng, Fre)**

Reconstruction of the thumb in tetraplegia following spinal cord injury. House JH. **Clin Orthop** 1985 May;(195):117–28

Major amputation in paraplegic and tetraplegic patients. Grundy DJ, et al. **Int Rehabil Med** 1984;6(4):162–5

Interphalangeal fixation of the thumb in Moberg's key grip procedure. Hiersche DL, et al. **J Hand Surg [Am]** 1985 Jan;10(1):30–2

Restoration of strong grasp and lateral pinch in tetraplegia: a comparison of two methods of thumb control in each patient. House JH, et al. **J Hand Surg [Am]** 1985 Jan; 10(1):22–9

Brachioradialis to flexor pollicis longus tendon transfer for active lateral pinch in the tetraplegic. Waters R, et al. **J Hand Surg [Am]** 1985 May;10(3):385–91

Assessment of cardiac and respiratory function during surgery on patients with acute quadriplegia. Mackenzie CF, et al. **J Neurosurg** 1985 Jun;62(6):843–9

Upper extremity tendon transfers in cerebral palsy: electromyographic and functional analysis. Mowery CA, et al. **J Pediatr Orthop** 1985 Jan–Feb;5(1):69–72

[Extensive excision of the upper end of the femur in children with motor handicap of cerebral origin] Pilliard D, et al. **Rev Chir Orthop** 1984;70(8):623–9 (Eng. Abstr.) **(Fre)**

THERAPY

Phenol nerve blocks [letter] Ackerman WE. **Arch Phys Med Rehabil** 1985 May;66(5):337

Home ventilator dependence after high cervical cord injury. Gower DJ, et al. **South Med J** 1985 Aug;78(8):1010–1

VETERINARY

Tetraparesis following cervical disk fenestration in two dogs. Tomlinson J. **J Am Vet Med Assoc** 1985 Jul 1;187(1):76–7

QUADRUPLETS

Perforated duodenal ulcer in a six-month-old quadruplet baby [letter] Rettig H, et al. **Neth J Surg** 1984 Oct; 36(5):143–4

The Genain Quadruplets: electrophysiological, positron emission, and X-ray tomographic studies. Buchsbaum MS, et al. **Psychiatry Res** 1984 Sep;13(1):95–108

The Genain Quadruplets 25 years later: a diagnostic and biochemical followup. DeLisi LE, et al. **Psychiatry Res** 1984 Sep;13(1):59–76

The Genain Quadruplets: psychological studies. Mirsky AF, et al. **Psychiatry Res** 1984 Sep;13(1):77–93

QUAIL

Decreased membrane fluidity and beta-adrenergic responsiveness in atherosclerotic quail. Lurie KG, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):H380–5

Cytological changes occurring in the liver of coturnix quail with an acute arsenic exposure. Nystrom RR. **Drug Chem Toxicol** 1984;7(6):587–94

Morphology of the cataract in albino mutant quails (Coturnix coturnix japonica). Takatsuji K, et al. **Exp Eye Res** 1985 Apr;40(4):567–73

The effect of total body gamma-irradiation on mortality, egg production and egg weight of Japanese quails. Baumgartner J. **Int J Radiat Biol** 1985 May;47(5):591–7

Myositis and death in bobwhites, Colinus virginianus (L.), due to hemorrhagic cysts of a haemosporozoan of undetermined taxonomic status. Gardiner CH, et al. **J Wildl Dis** 1984 Oct;20(4):308–18

Thyroid and adrenal response to heat stress in chickens and quail differing in heat tolerance. Bowen SJ, et al. **Poult Sci** 1985 Jan;64(1):149–54

Avian pox: infection and immunity with quail, psittacine, fowl, and pigeon pox viruses. Winterfield RW, et al. **Poult Sci** 1985 Jan;64(1):65–70

Nuclear lobe index in avian eosinophilia. Maxwell MH. **Res Vet Sci** 1985 May;38(3):361–3

The management of Japanese quail and their use in virological research: a review. Ratnamohan N. **Vet Res Commun** 1985 Feb;9(1):1–14 (73 ref.)

[An atherosclerosis model using the Japanese quail] Jing HD. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Sep; 12(3):222–4 **(Chi)**

[Susceptibility of birds other than chickens to infectious laryngotracheitis] Hilbink FW. **Tijdschr Diergeneeskd** 1985 Jun 1;110(11):437–9 (Eng. Abstr.) **(Dut)**

ANATOMY & HISTOLOGY

Two mucous cell types revisited after quick-freezing and cryosubstitution. Sandoz D, et al. **Biol Cell** 1985;54(1):79–88

An anatomical study of ipsilateral retinal projections in the quail using radioautographic, horseradish peroxidase, fluorescence and degeneration techniques. Weidner C, et al. **Brain Res** 1985 Aug 5;340(1):99–108

Immunohistochemical localization of corticotropin-releasing factor (CRF)-containing neurons in the hypothalamus of the Japanese quail, Coturnix coturnix. Yamada S, et al. **Cell Tissue Res** 1985;239(2):299–304

Immunohistochemistry of the hypothalamic neuropeptides and anterior pituitary cells in the Japanese quail. Mikami S, et al. **J Exp Zool** 1984 Dec;232(3):405–17 (60 ref.)

Regional specialization of the quail retina: ganglion cell density and oil droplet distribution. Budnik V, et al. **Neurosci Lett** 1984 Sep 28;51(1):145–50

Immunocytochemical localization of the pancreatic islet cells in the Japanese quail, Coturnix coturnix japonica. Mikami S, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):357–69

Fine structure of muscle spindles in the woodpecker (Dendrocopus major) and Quail (Coturnix coturnix japonica). Sağlam M. **Z Mikrosk Anat Forsch** 1984; 98(5):775–88

BLOOD

Androgen concentrations in testicular and peripheral blood in the male Japanese quail. Ottinger MA, et al. **Poult Sci** 1984 Sep;63(9):1851–4

EMBRYOLOGY

On the migration of epidermal melanoblasts in the avian embryonic wing bud. Wachtler F. **Anat Embryol (Berl)** 1984;170(3):307–12

Quail neural crest cells transformed by Rous sarcoma virus can be established into differentiating permanent cell cultures. Pessac B, et al. **Brain Res** 1985 Jun;352(2):235–9

Control of the onset of migration of neural crest cells in avian embryos. Role of Ca++-dependent cell adhesions. Newgreen DF, et al. **Cell Tissue Res** 1985;239(2):329–36

Mapping of the early neural primordium in quail-chick chimeras. I. Developmental relationships between placodes, facial ectoderm, and prosencephalon. Couly GF, et al. **Dev Biol** 1985 Aug;110(2):422–39

Control of neural crest cell dispersion in the trunk of the avian embryo. Erickson CA. **Dev Biol** 1985 Sep; 111(1):138–57

Focal contacts of normal and RSV-transformed quail cells. Hypothesis of the transformation-induced deficient maturation of focal contacts. Bershadsky AD, et al. **Exp Cell Res** 1985 Jun;158(2):433–44

Maintenance of proliferative capacity during avian myogenesis is independent of fusion-permissive calcium ion concentration. Yaross MS, et al. **Exp Cell Res** 1985 Jun; 158(2):360–70

Experimental analysis of the extensive pigmentation in the Silkie fowl embryo: evidence for an environmental regulatory process. Ferrand R, et al. **Experientia** 1985 Apr 15;41(4):512–4

Effects of early tamoxifen treatment on hormonal content of 15-day quail embryo gonads. Scheib D, et al. **Gen Comp Endocrinol** 1984 Dec;56(3):425–32

The formation of the axonal pattern in the embryonic avian retina. Halfter W, et al. **J Comp Neurol** 1985 Feb 22; 232(4):466–80

An ultrastructural and histochemical study of the development of secondary palate in Japanese quail, Coturnix coturnix japonica. Shah RM, et al. **J Craniofac Genet Dev Biol** 1985;5(1):41–57

The stages of flank ectoderm capable of responding to ridge induction in the chick embryo. Carrington JL, et al. **J Embryol Exp Morphol** 1984 Dec;84:19–34

The fate of the grafted quail Mullerian duct in the chick embryonic coelom. Hutson JM, et al. **J Pediatr Surg** 1984 Aug;19(4):345–52

Improved histology for the chick-quail chimera. Hutson JM, et al. **Stain Technol** 1984 Mar;59(2):105–11

[Expression of the adrenergic phenotype by dorsal root ganglion cells of the quail in culture in vitro] Xue ZG, et al. **C R Acad Sci [III]** 1985;300(13):483–8 (Eng. Abstr.) **(Fre)**

[Comparative study of embryonal development in 2 oviparous and 1 ovoviviparous species (Gallus gallus, Coturnix c. japonica and Liolaemus tenuis t.)] Lemus P, et al. **Anat Histol Embryol** 1984 Sep;13(3):252–60 (Eng. Abstr.) **(Spa)**

GENETICS

Ontogeny of aggressive-sexual behavior between males in lines of Japanese quail (Coturnix coturnix japonica) selected for male mating frequency. Blohowiak CC, et al. **J Comp Psychol** 1985 Mar;99(1):30–4

Constitutional biases in early perceptual learning: III. Similarities and differences between artificially selected and imprinted color preferences in quail chicks (Coturnix coturnix japonica). Kovach JK. **J Comp Psychol** 1985 Mar; 99(1):35–46

Heritability of live and abdominal fat weights in Coturnix quail. Becker WA, et al. **Poult Sci** 1985 Jul;64(7):1397–8

Comparative responses of genetically resistant and nonselected Japanese quail to dietary aflatoxin. Pegram RA, et al. **Poult Sci** 1985 Feb;64(2):266–72

Presence of retrovirus reverse transcriptase-related gene sequences in avian cells lacking endogenous avian leukosis viruses. Dunwiddie C, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5097–101

GROWTH & DEVELOPMENT

Regressive post-hatching development of acetylcholinesterase-positive neurons in the pineal organs of Coturnix coturnix japonica and Gallus gallus. Sato T, et al. **Cell Tissue Res** 1984;237(2):269–75

Free thyroid hormones in altricial (ring doves) versus precocial (Japanese quail) development. McNabb FM, et al. **Endocrinology** 1984 Dec;115(6):2133–6

Postnatal growth and organ development in Japanese quail selected for high growth rate. Lilja C, et al. **Growth** 1985 Spring;49(1):51–62

Changes in the nucleic acid and protein content of the Japanese quail during postnatal development. Lamošová D. **Physiol Bohemoslov** 1984;33(5):417–26

IMMUNOLOGY

Molecular characterization of fetal antigens on red blood cells of chickens, Japanese quail, and quail-chicken hybrids. Dietert RR, et al. **Biochem Genet** 1984 Oct;22(9–10):839–51

Ontogeny of the third component of complement of Japanese quails. Kai C, et al. **Immunology** 1985 Mar;54(3):463–70

Agglutinin responses to Salmonella pullorum in Japanese quail selected for plasma cholesterol response to adrenocorticotropin and a model describing the dynamics of the response. Siegel HS, et al. **Poult Sci** 1984 Sep; 63(9):1892–4

METABOLISM

Effects of prochloraz on drug metabolism in the Japanese quail, grey partridge, chicken, and pheasant. Rivière JL, et al. **Arch Environ Contam Toxicol** 1985 May;14(3):299–306

Brain gangliosides in birds with different types of postnatal development (nidifugous and nidicolous type). Seybold U, et al. **Brain Res** 1985 Jan;349(1-2):201-8

Effects of chicken (Gln8)- and mammalian (Arg8)-luteinizing hormone-releasing hormones on the release of gonadotrophins in vitro and in vivo from the adenohypophysis of Japanese quail. Hattori A, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):155-61

Melatonin rhythms in the eyes, pineal bodies, and blood of Japanese quail (Coturnix coturnix japonica). Underwood H, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):70-81

The influence of dietary salt on water consumption and carcass lipids in Japanese quail. Darden JR, et al. **Poult Sci** 1985 Jul;64(7):1269-78

Whole brain acetylcholinesterase activity in lead-exposed Japanese quail. Edens FW. **Poult Sci** 1985 Jul;64(7):1391-3

Sexual dimorphism in the hypothalamic metabolism of testosterone in the Japanese Quail (Coturnix coturnix japonica). Schumacher M, et al. **Prog Brain Res** 1984; 61:53-61 (30 ref.)

MICROBIOLOGY

Oncogenecity of an avian erythroblastosis virus in mutant strains of Japanese quails. Morikawa S, et al. **Jpn J Med Sci Biol** 1984 Jun;37(3):105-16

PHYSIOLOGY

Photoperiodic response of rain quail. Saxena VL, et al. **Ann Endocrinol (Paris)** 1984;45(6):403-8

The effect of methyl parathion on susceptibility of bobwhite quail (Colinus virginianus) to domestic cat predation. Galindo JC, et al. **Behav Neural Biol** 1985 Jan;43(1):21-36

Acute toxicity of dietary polybrominated biphenyls in Bobwhite quail. Cottrell WO, et al. **Bull Environ Contam Toxicol** 1984 Sep;33(3):308-12

Postmortem changes in liver weight of Japanese quail. Franson JC. **Bull Environ Contam Toxicol** 1984 Sep; 33(3):313-6

Magnesium deficiency in the Japanese quail. Didier R, et al. **Comp Biochem Physiol [A]** 1984;79(2):223-7

The influence of exogenous estradiol on bobwhite quail (Colinus virginianus) reproductive systems. Lien RJ, et al. **Comp Biochem Physiol [A]** 1985;80(3):433-6

Adrenal responses to chronic and acute water stress in Japanese quail Coturnix japonica. Tome ME, et al. **Comp Biochem Physiol [A]** 1985;81(1):171-9

Peripheral blood in the Japanese quail (Coturnix coturnix japonica) in acute poisoning by different insecticides. Gromysz-Kalkowska K, et al. **Comp Biochem Physiol [C]** 1985;81(1):209-12

Effect of progesterone on the sexual behavior of the male Japanese quail. Bottoni L, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):345-51

Effect of the presence of females on the pituitary-testicular activity in male Japanese quail (Coturnix coturnix japonica). Delville Y, et al. **Gen Comp Endocrinol** 1984 Aug;55(2):295-305

Effect of short exposure to cold on plasma thyroxine in Coturnix quail: role of the infundibular complex and its neural afferents. Herbuté S, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):1-8

Diurnal rhythm of water intake and plasma angiotensin II in the Japanese quail (Coturnix coturnix japonica). Okawara Y, et al. **Gen Comp Endocrinol** 1985 Apr; 58(1):89-92

Photoperiodic requirement for the dissipation of scotorefractoriness in Japanese quail. Sharp PJ, et al. **Gen Comp Endocrinol** 1985 Apr;58(1):169-73

Effects of Leu5-enkephalin on natural and angiotensin II-induced drinking in the Japanese quail (Coturnix coturnix japonica). Uemura H, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):240-5

Does neonatal gonadectomy affect the sexual differentiation of quail? Adkins-Regan E, et al. **Horm Behav** 1985 Mar; 19(1):71-6

Androgen regulation of secretions in the sebaceous-like uropygial gland of the male Japanese quail. Abalain JH, et al. **J Endocrinol** 1984 Nov;103(2):147-53

Organization and activation of behavior in quail: role of testosterone metabolism. Balthazart J, et al. **J Exp Zool** 1984 Dec;232(3):595-604 (50 ref.)

Photorefractoriness in Japanese quail: possible involvement of the thyroid gland. Follett BK, et al. **J Exp Zool** 1984 Dec;232(3):573-80 (16 ref.)

Circadian organization in Japanese quail. Underwood H, et al. **J Exp Zool** 1984 Dec;232(3):557-66

Detection of plasma membrane cholesterol by filipin during microvillogenesis and ciliogenesis in quail oviduct. Chailley B, et al. **J Histochem Cytochem** 1985 Jan;33(1):1-10

Rhodopsin-like sensitivity of extra-retinal photoreceptors mediating the photoperiodic response in quail. Foster RG, et al. **Nature** 1985 Jan 3-9;313(5997):50-2

Testosterone metabolism and testosterone-dependent characteristics in Japanese quail. Delville Y, et al. **Physiol Behav** 1984 Nov;33(5):817-23

Body and abdominal fat weight reduction upon feed withdrawal in coturnix quail. Becker WA, et al. **Poult Sci** 1985 Mar;64(3):597-9

Effect of dietary calcium stress on plasma vitamin D3 metabolites in the egg-laying Japanese quail. Kaetzel DM Jr, et al. **Poult Sci** 1985 Jun;64(6):1121-7

Effects of chronic high-level manganese exposure on male behavior in the Japanese quail (Coturnix coturnix japonica). Laskey JW, et al. **Poult Sci** 1985 Mar;64(3):579-84

Effect of cyclic sound cues on sexual development in nonphotostimulated Japanese quail. Millam JR, et al. **Poult Sci** 1985 Jan;64(1):169-75

Induction of vitellogenesis in Japanese quail as a sensitive indicator of the estrogen-mimetic effect of a variety of environmental contaminants. Robinson GA, et al. **Poult Sci** 1984 Aug;63(8):1529-36

Effects of supplementary vitamin D3 on egg production of two strains of Japanese quail and growth of their progeny. Stevens VI, et al. **Poult Sci** 1985 Mar;64(3):510-9

Lethal and behavioral effects of chlordimeform in bobwhite. Fleming WJ, et al. **Toxicology** 1985 Jul;36(1):37-47

URINE

Postrenal modification of urine in birds. Anderson GL, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):R93-8

QUALITY ASSURANCE, HEALTH CARE

Quality assurance standards for purchasing and inventory control. Soares DP. **Am J Hosp Pharm** 1985 Mar; 42(3):610-20

An integrated approach to liability. Siler E. **Am J Infect Control** 1985 Apr;13(2):90-2

Limitations of provider interventions in hypertension quality assurance. Winickoff RN, et al. **Am J Public Health** 1985 Jan;75(1):43-6

Residency essentials: quantify to assure quality [editorial] Dailey RH. **Ann Emerg Med** 1985 Sep;14(9):928-9

Quality assurance in the emergency department. Flint LS, et al. **Ann Emerg Med** 1985 Feb;14(2):134-8

A computer-assisted quality assurance system for an emergency medical service. Stewart RD, et al. **Ann Emerg Med** 1985 Jan;14(1):25-9

Patient outcome standards for perioperative nursing. **AORN J** 1984 Oct;40(4):578-80

Implementing outcome standards. A planning strategy. Botsford J. **AORN J** 1984 Oct;40(4):572-5

Quality assurance. A design for perioperative nurses. Mackie RJ, et al. **AORN J** 1985 Jul;42(1):58-61, 64-9, 72-6

College of American Pathologists Laboratory Improvement Programs [editorial] Langdell RD. **Arch Pathol Lab Med** 1984 Dec;108(12):947-8

Medical problems in hospitals: what has the Australian Council on Hospital Standards discovered? Amos BJ. **Aust Clin Rev** 1985 Mar;(16):47-9

Quality assurance in a multidisciplinary group. Priority setting in an intensive care unit. Bates BA, et al. **Aust Clin Rev** 1985 Mar;(16):12-8

A review of early medical readmissions at the Flinders Medical Centre. Popplewell PY, et al. **Aust Clin Rev** 1984 Mar;(11):3-5

National quality assurance program--Royal Australian Nursing Federation. Pratt R. **Aust Clin Rev** 1984 Dec; (15):22-5

Quality assurance in hospital dental practice. Butler RJ. **Aust Dent J** 1984 Aug;29(4):257-9

Quality assurance project [letter] Grant WB. **Aust NZ J Psychiatry** 1984 Dec;18(4):396

Quality assurance in psychiatry. The position of the Canadian Psychiatric Association. Cahn C, et al. **Can J Psychiatry** 1985 Mar;30(2):148-58 **(Eng, Fre)**

Impact of patient care appraisal on physician behaviour in the office setting. Putnam RW, et al. **Can Med Assoc J** 1985 May 1;132(9):1025-9

Symposium on quality assurance. **Dent Clin North Am** 1985 Jul;29(3):425-617

Quality assurance and development of criteria and standards. Bailit HL. **Dent Clin North Am** 1985 Jul;29(3):457-63

Quality assurance and marketing. Demby NA. **Dent Clin North Am** 1985 Jul;29(3):605-14

A comprehensive quality assurance system for practicing dentists. Demby NA, et al. **Dent Clin North Am** 1985 Jul; 29(3):545-56

Development of criteria and standards for dental care. Friedman JW. **Dent Clin North Am** 1985 Jul;29(3):465-75

Quality assurance. A reviewer's perspective. Harbo JN, et al. **Dent Clin North Am** 1985 Jul;29(3):589-93

Dental quality assurance. A federal overview. Hillsman JT, et al. **Dent Clin North Am** 1985 Jul;29(3):477-82

Perspective of the third parties. Hooper SD. **Dent Clin North Am** 1985 Jul;29(3):507-19

Quality assurance and the dental record. Jerge CR, et al. **Dent Clin North Am** 1985 Jul;29(3):483-96

Quality assurance and the dentist-patient relationship. Kerr IL. **Dent Clin North Am** 1985 Jul;29(3):581-8

The dental profession's commitment to quality assurance. Klyop JS. **Dent Clin North Am** 1985 Jul;29(3):521-30

Quality assurance and prepaid programs. Marcus M. **Dent Clin North Am** 1985 Jul;29(3):497-506

Quality assurance and the role of self-evaluation and continuing education. Milgrom P, et al. **Dent Clin North Am** 1985 Jul;29(3):531-44

Risk management in the dental office. Pollack BR. **Dent Clin North Am** 1985 Jul;29(3):557-80

Social, economic, and political forces in quality assurance. Schoen MH. **Dent Clin North Am** 1985 Jul;29(3):449-55

The role of the consumer in quality assurance. Tolpin BB. **Dent Clin North Am** 1985 Jul;29(3):595-604

Quality in nursing: three major components. Webb D. **Dimens Health Serv** 1984 Aug;61(8):14, 19

World health organisation inter-laboratory comparison study in 12 countries on quality performance of nuclear medicine imaging devices. Volodin V, et al. **Eur J Nucl Med** 1985; 10(5-6):193-7

Quality assurance in nuclear medicine: a computerized approach. Hoory S, et al. **Health Phys** 1984 Sep; 47(3):468-71

Assessing the quality of quality assessment. Michels R. **Hosp Community Psychiatry** 1984 Dec;35(12):1179

Impact of a dosimetry review program on radiotherapy in group trials. Reinstein LE, et al. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1179-84

Internal marketing and quality assurance through patient feedback. Kress GC Jr, et al. **J Am Dent Assoc** 1985 Jan; 110(1):29-34

Quality care management in clinical dietetics. Behm V, et al. **J Am Diet Assoc** 1985 Apr;85(4):475-6

Standards for attending staff in an emergency medicine residency program. Pointer JE, et al. **J Emerg Med** 1984; 1(3):271-4

An automatic monitoring system for measuring handwashing frequency in hospital wards. Broughall JM, et al. **J Hosp Infect** 1984 Dec;5(4):447-53

Quality assurance in health care. Confidentiality of information and immunity for participants. Southwick AF, et al. **J Leg Med (Chicago)** 1984 Sep;5(3):343-97 (157 ref.)

Quality assurance. Evaluate thyself. Maciorowski LF, et al. **J Nurs Adm** 1985 Jun;15(6):38-42

Compliance issues in 1985. Michels DL. **J Parenter Sci Technol** 1985 Jul-Aug;39(4):158-60

The impact of a quality assurance program on postgraduate training in internal medicine. Bouchard RE, et al. **JAMA** 1985 Feb 22;253(8):1146-50

Monitoring and evaluating health services. De Friese GH. **Med Care** 1985 May;23(5):735-8

Quality assurance in 1984. Komaroff AL. **Med Care** 1985 May;23(5):723-34

A randomized controlled trial of quality assurance in sixteen ambulatory care practices. Palmer RH, et al. **Med Care** 1985 Jun;23(6):751-70

Physician involvement in quality assurance. Sommers LS, et al. **Med Care** 1984 Dec;22(12):1115-38

Quality assurance in haematology and blood coagulation testing [editorial] Giddings JC. **Med Lab Sci** 1984 Jul; 41(3):207-8

Portal film quality: a multiple institutional study. Reinstein LE, et al. **Med Phys** 1984 Jul-Aug;11(4):555-7

PSRO, quality review and mental health--a political and practical guide. Hertzman M. **Psychiatr Q** 1984 Summer; 56(2):113-29

Patient education and the quality assurance process. Borden LP. **QRB** 1985 Apr;11(4):123-7

Beyond peer review: the medical staff role in the price-competitive hospital. Fifer WR. **QRB** 1984 Sep; 10(9):262-8

Indicators of quality in ambulatory care. Flanagan E. **QRB** 1985 Apr;11(4):136-7

Process auditing in long term care facilities. Hewitt SM, et al. **QRB** 1985 Jan;11(1):6-15

The perceived training needs of quality assurance professionals in eight eastern states. Hoare CH, et al. **QRB** 1985 Mar;11(3):87-92

Maintaining fall prevention. Innes EM. **QRB** 1985 Jul; 11(7):217-21

Organizational change and quality assurance in a psychiatric setting. Kagan RM. **QRB** 1984 Sep;10(9):269-77

Assessment of the impact of medical devices on the quality of care. Keil O, et al. **QRB** 1984 Sep;10(9):278-80

The effect of the prospective payment system on hospital QA/UR systems. Lipp CS. **QRB** 1984 Sep;10(9):283-7

A quality assurance study of height and weight measurements. McMillin BA, et al. **QRB** 1985 Feb; 11(2):53-7

Linking standards of care with nursing quality assurance--the SCORE method. Nichols AC, et al. **QRB** 1985 Feb; 11(2):57-63

A method for evaluating nursing practice in a community setting. Schmele JA. **QRB** 1985 Apr;11(4):115-22

Update on international activities in quality assurance. Shanahan M. **QRB** 1984 Sep;10(9):281-2

Practice traits of physicians: a neglected quality assurance issue. Skillicorn SA. **QRB** 1985 Apr;11(4):108-10

Care of the child with fever: a quality assurance study. Wagner PL, et al. **QRB** 1984 Oct;10(10):325-30

An annotated bibliography (Part 4): Quality assurance and patient support. Ward MJ. **QRB** 1985 Mar;11(3):97-9

An annotated bibliography (Part 2): Quality assurance program development, implementation, and evaluation. Ward MJ. **QRB** 1984 Oct;10(10):313-5

An annotated bibliography (Part 3): Quality assurance and risk management. Ward MJ. **QRB** 1984 Nov;10(11):347-8

Education for roles and responsibilities in quality assurance. Warner AM. **QRB** 1985 Mar;11(3):78-80

Education for roles and responsibilities in quality assurance: physician leadership. Warner AM. **QRB** 1985 Apr; 11(4):111-4

The education of QA professionals [letter] Warner AM. **QRB** 1985 Jul;11(7):202-3

Quality assurance in radiography. The College's contribution. Report from the Quality Assurance Working Party. De

La Haye W. **Radiography** 1985 May–Jun;51(597):144

Quality assurance in radiography. Quality assurance in the developing countries. Manjoro JW. **Radiography** 1985 May–Jun;51(597):145

Reject analysis: its role in quality assurance. Watkinson S, et al. **Radiography** 1984 Sep–Oct;50(593):189–94

[Patients' opinions about their hospital stay] Wendte JF. **Ned Tijdschr Geneeskd** 1984 Oct 13;128(41):1955–7 **(Dut)**

[Audit of the management of asthma in a hospital department] Laroussi M, et al. **Tunis Med** 1984 May–Jun;62(3):221–6 (Eng. Abstr.) **(Fre)**

[Quality assurance in x–ray diagnosis. Criteria—procedure—results] **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:1–190 **(Ger)**

[Quality criteria in the x–ray diagnosis of thoracic organs in children] Ball F. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:21–9 **(Ger)**

[Quality control of x–ray pictures—results of the Bavarian field study] Bunde E, et al. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:163–75 **(Ger)**

[Quality criteria in thoracic computed tomography] Döhring W. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:92–108 **(Ger)**

[Quality criteria in the x–ray diagnosis of the bones] Freyschmidt J. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:56–62 **(Ger)**

[Quality criteria in the x–ray diagnosis of the skull] Friedman G. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985;123:50–5 **(Ger)**

[Quality criteria and quality control in mammography] Friedrich M. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:63–75 **(Ger)**

[Technical controls with test objects for quality assurance of x–ray diagnostic equipment] Hagemann G. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:138–55 **(Ger)**

[Quality criteria in abdominal computed tomography] Hübener KH, et al. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:109–15 **(Ger)**

[Quality criteria for x–ray pictures of the thorax] Krieg R. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:12–20 **(Ger)**

[Quality control under conditions of a standardized x–ray photographic technic] Liess G, et al. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:132–7 **(Ger)**

[Quality criteria in computed tomography of the pelvis] Lindner P. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:116–20 **(Ger)**

[Quality control measurements at the Central Institute for Radiodiagnosis] Nowotny R, et al. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:176–9 **(Ger)**

[Physical procedures for quality assurance in computed tomography] Nüsslin F. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:121–30 **(Ger)**

[Quality criteria in cranial computed tomography] Piepgras U. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985;123:86–91 **(Ger)**

[Experience with quality control in fluoroscopic installations] Schmidt T, et al. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:156–62 **(Ger)**

[Quality criteria in the x–ray diagnosis of the kidneys and urinary tract] Schreyer H, et al. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:41–9 **(Ger)**

[Picture quality from the physiological and diagnostic point of view] Stender HS. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:76–84 (76 ref.) **(Ger)**

[Review of the magnitudes of the factors influencing the quality of x–ray pictures] Stender HS. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:180–6 **(Ger)**

[Quality assurance in x–ray diagnosis—international guidelines for quality assurance] Stieve FE. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:1–10 **(Ger)**

[Quality criteria in the x–ray diagnosis of the stomach and the colon] Treichel J. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:30–40 **(Ger)**

[Pointers on quality assurance in radiotherapy from the physician's point of view] Hüttner J. **Radiobiol Radiother (Berl)** 1984;25(6):827–31 (Eng. Abstr.) **(Ger)**

[Quality assurance in dosage calculations with computers] Welker K. **Radiobiol Radiother (Berl)** 1984;25(6):839–45 (Eng. Abstr.) **(Ger)**

[Methods of quality assurance in computed tomography using test measurements on a CT/T–8800 as an example] Nüsslin F. **Rontgenpraxis** 1984 Aug;37(8):293–6 **(Ger)**

[Regular, standardized patient surveys within the scope of inpatient medical care at a health facility—a leading instrument for increasing quality of care] Hoffmann W, et al. **Z Gesamte Hyg** 1984 Jul;30(7):366–71 (Eng. Abstr.) **(Ger)**

[Significance and organizational principles of a quality assurance program in nuclear medicine] Sushkevich GN, et al. **Med Radiol (Mosk)** 1985 Jan;30(1):23–8 (Eng. Abstr.) **(Rus)**

[The quality control program of the Mexican National Institutes of Health. I. Relative precision and accuracy of 4 blood chemistry measurements] Loria A. **Rev Invest Clin** 1984 Jul–Sep;36(3):293–303 (Eng. Abstr.) **(Spa)**

ECONOMICS

Resource requirements for evaluating ambulatory health care. Thompson MS, et al. **Am J Public Health** 1984 Nov; 74(11):1244–8

Responsibility for quality health care in an age of cost containment. Paris JJ. **Conn Med** 1985 Feb;49(2):105–9

Quality medical care at a reasonable cost. **J Miss State Med Assoc** 1985 Mar;26(3):65–76

Implications of PRO denials for Missouri hospitals and physicians. Akhter MN. **Mo Med** 1985 May;82(5):243–5

Quality assurance and cost containment in teaching hospitals: implications for a period of economic restraint. Everett GD. **QRB** 1985 Feb;11(2):42–6

Inadequate medical order writing and delivery: a cause of unnecessary hospital costs. Larson EB, et al. **QRB** 1984 Nov;10(11):353–5

Prospective payment and the resurgence of quality. Schumacher DN. **QRB** 1984 Oct;10(10):298–303

Economic aspects of quality assurance. Watkinson SA. **Radiography** 1985 May–Jun;51(597):133–40

LEGISLATION & JURISPRUDENCE

Quality assurance documentation—its legal disclosure rights. Ferguson CG. **Dimens Health Serv** 1985 Feb;62(2):27, 46

Quality assurance—do you know the legal implications? Ferguson CG. **Dimens Health Serv** 1984 Nov;61(11):27–8

METHODS

The reassessment process: key to a meaningful quality assurance program. Mehnert T. **QRB** 1985 Apr; 11(4):127–31

ORGANIZATION & ADMINISTRATION

Quality assurance in the hospital—making it work. Clemenhagen CJ. **Can Med Assoc J** 1985 Jul 1;133(1):17–9

TRENDS

American Medical Association. President's inaugural address. Boyle JF. **Ariz Med** 1984 Sep;41(9):613–6

General issues in quality assurance. Legge D. **Aust Clin Rev** 1984 Sep;(14):14–20

Reflections on medicine. Rights and obligations. Massey RU. **Conn Med** 1985 Aug;49(8):547

Quality Assurance. Historical perspective and critical issues. Burakoff RP, et al. **Dent Clin North Am** 1985 Jul; 29(3):427–36

Optometric quality assurance. Kirkpatrick DL, et al. **J Am Optom Assoc** 1985 May;56(5):390–4

Delineation of clinical privileges. Andrew RR. **Med J Aust** 1984 Sep 15;141(6):359–61

Quality assurance under the Missouri PRO program. Akhter MN. **Mo Med** 1985 Jun;82(6):297–9

Hospital, heal thyself: coping with impaired providers and other hospital employees. Curran RF. **QRB** 1984 Nov; 10(11):335–9

Implementation of the Peer Review Organization program. Grimaldi PL, et al. **QRB** 1984 Nov;10(11):340–6

[Regular anonymous patient interrogations in a large polyclinic—a guiding instrument for increasing the quality of care] Dschietzig W, et al. **Z Gesamte Hyg** 1984 Nov; 30(11):664–7 (Eng. Abstr.) **(Ger)**

QUALITY CONTROL

see related

REFERENCE STANDARDS

Duplicate coagulation assays warranted [letter] Cornelison GS, et al. **Am J Clin Pathol** 1985 Aug;84(2):261–2

Proficiency testing and standardization of prothrombin time: effect of thromboplastin, instrumentation, and plasma. van den Besselaar AM, et al. **Am J Clin Pathol** 1984 Dec; 82(6):688–99

Determination of aluminium in serum: findings of an external quality assessment scheme. Taylor A, et al. **Ann Clin Biochem** 1985 Jul;22 (Pt 4):351–8

Are red blood cell indexes international? Bull BS, et al. **Arch Pathol Lab Med** 1985 Jul;109(7):604–6

Accuracy in clinical laboratories participating in regional quality control programs. Rosenbaum JM. **Arch Pathol Lab Med** 1985 Jun;109(6):485–95

Product management spurs emphasis on medical records. Fox LA, et al. **Hospitals** 1985 Mar 1;59(5):92, 94

A quality control program for cine radiography. Renaud L, et al. **J Can Assoc Radiol** 1984 Dec;35(4):380–2

Proficiency testing in immunohaematology in Ontario, Canada, and in the United Kingdom: a comparative study. Pinkerton PH, et al. **J Clin Pathol** 1985 May;38(5):570–4

United Kingdom scheme for external quality assessment in virology. Part II. Specimen distribution, performance assessment, and analyses of participants' methods in detection of rubella antibody, hepatitis B markers, general virus serology, virus identification, and electron microscopy. Reed SE, et al. **J Clin Pathol** 1985 May; 38(5):542–53

United Kingdom scheme for external quality assessment in virology. Part I. General method of operation. Reed SE, et al. **J Clin Pathol** 1985 May;38(5):534–41

A simple, rapid, reliable reverse haemolytic plaque assay and positive quality control test for routine use. Hall H, et al. **J Immunol Methods** 1985 Jun 12;80(1):125–35

Use of NEMA protocols for routine quality assurance [letter] Cradduck TD, et al. **J Nucl Med** 1985 Jan;26(1):95–7

A rapid–return regional quality assurance scheme for coagulation. George AJ. **Med Lab Sci** 1984 Jul;41(3):219–25

The control of phototimers. Pugin JM. **Radiography** 1985 May–Jun;51(597):141–2

[Quality assurance and quality control of blood pressure measurements. Experiences with the Munich blood pressure study] Stieber J, et al. **Fortschr Med** 1984 Nov 8;102(41):1041–4 (Eng. Abstr.) **(Ger)**

[Autopsy as an instrument of quality control in the medical determination of cause of death] Staak M, et al. **Lebensversicherungsmedizin** 1984 Nov 15;36(9):205–8 (Eng. Abstr.) **(Ger)**

[Quality control of radioimmunoassay by bivariate analysis] Yamada H, et al. **Radioisotopes** 1984 Jun;33(6):370–5 (Eng. Abstr.) **(Jpn)**

QUALITY OF HEALTH CARE

see related

PROFESSIONAL STAFF COMMITTEES
SOCIAL CONTROL, FORMAL

Consistency of care in an intensive care nursery staffed by nurse clinicians. Martin RG, et al. **Am J Dis Child** 1985 Feb;139(2):169–72

Good medical care in nursing homes [editorial] Golodetz A. **Am J Public Health** 1985 Mar;75(3):227

Organization structure and the performance of hospital emergency services. Georgopoulos BS. **Ann Emerg Med** 1985 Jul;14(7):677–84

Quality of care index. **Aust Clin Rev** 1984 Mar;(11):33–5

Notes for nursing homes. Anderson B. **Aust Clin Rev** 1985 Mar;(16):44–6

What do the figures show? ACHS 1974–1984: a decade of progress. Porcino A. **Aust Clin Rev** 1985 Mar;(16):40–3

Setting standards in general practice [editorial] Campion PD. **Br Med J [Clin Res]** 1985 Aug 24;291(6494):499

Evaluating the impact of library services on the quality and cost of medical care. Hardy MC, et al. **Bull Med Libr Assoc** 1985 Jan;73(1):43–6

The quality of care of asthma in general practice—a challenge for the future. Gregg I. **Fam Pract** 1985 Jun;2(2):94–100

JCAH assesses quality of care in multihospitals. **Hospitals** 1985 Jun 16;59(12):119, 120

Literature review: measurement of adequate care. Openshaw S. **Int J Nurs Stud** 1984;21(4):295–304 (32 ref.)

Quality of care in Iowa nursing homes. **Iowa Med** 1984 Aug; 74(8):353–4

Quality of ambulatory care of the elderly: an analysis of five conditions. Heller TA, et al. **J Am Geriatr Soc** 1984 Nov; 32(11):782–8

The effect of cost sharing on the quality of dental care. Bailit HL, et al. **J Dent Educ** 1984 Nov;48(11):597–605

Method for evaluating hospital emergency department treatment. Dwyer WA Jr. **J Med Soc NJ** 1985 Jul; 82(7):523–8

MIS versus quality of health care. Pitre R. **J Med Syst** 1984 Dec;8(6):493–500

Quality of care: compared perceptions of patient and prosthodontist. Chamberlain BB, et al. **J Prosthet Dent** 1984 Nov;52(5):744–6

Assessing quality of obstetric care [letter] Golding J, et al. **Lancet** 1984 Nov 10;2(8411):1097

Clinical audit [letter] Hospedales CJ. **Lancet** 1985 Sep 7; 2(8454):556

Adverse outcome of pregnancy and the quality of obstetric care. Niswander K, et al. **Lancet** 1984 Oct 13; 2(8407):827–31

Efficacy, effectiveness, variations, and quality. Boundary–crossing research. Brook RH, et al. **Med Care** 1985 May;23(5):710–22 (60 ref.)

The use of negative indexes of health to evaluate quality of care in a primary–care group practice. Heineken PA, et al. **Med Care** 1985 Mar;23(3):198–208

Measuring clinical performance of individual internists in office and hospital practice. Sanazaro PJ, et al. **Med Care** 1985 Sep;23(9):1097–114

DRG impact on medical care. Kahkonen DM. **Mich Med** 1985 Jul;84(7):403

The impact of routine admission chest X–ray films on patient care [letter] **N Engl J Med** 1985 Jul 25;313(4):262–4

Deteriorating health statistics [letter] Baycroft CM. **NZ Med J** 1984 Nov 14;97(767):779

Physicians must practice quality care and cost control [editorial] Strasser AL. **Occup Health Saf** 1985 Jul;

54(7):52-3

Judge physicians by care, not income [letter] Bixel JK. **Ohio State Med J** 1984 Sep;80(9):629

The King's Fund and quality of medical care. McColl I. **Postgrad Med J** 1984 Nov;60(709):825-7

Evaluation of social work practice in health care settings. Peterson KJ, et al. **Soc Work Health Care** 1984 Fall; 10(1):1-16

The patterns of care study in clinical radiation therapy—a retrospective assessment of quality of care. Kramer S, et al. **Stat Med** 1984 Oct-Dec;3(4):353-7

Suggestions for increased job satisfaction for doctors and for improved patient care. Rawlins JM, et al. **West Indian Med J** 1984 Jun;33(2):87-91

Relationship between costs and quality of medical care [letter] Patrick K. **West J Med** 1984 Nov;141(5):689

[Historical limitations on the quality of medical responsibility for the preservation of human life and care of the dying] Schimming I, et al. **Z Arztl Fortbild (Jena)** 1984; 78(16):693-4 **(Ger)**

[Satisfaction with health services] Tamir A, et al. **Harefuah** 1985 Jan 15;108(2):100-1 (Eng. Abstr.) **(Heb)**

[Quality assurance and quality control of health care services] Backe B. **Tidsskr Nor Laegeforen** 1985 Jun 20; 105(17-18):1246-9 (Eng. Abstr.) **(Nor)**

[Means of improving medical care for children with foreign bodies in the respiratory tract] Bocharnikov ES, et al. **Pediatriia** 1985 Jun;(6):47-8 **(Rus)**

[Centralized control over the accuracy of the diagnosis of newly detected tuberculosis patients, over the organization and effectiveness of their treatment and over the dispensary observation and treatment of patient contingents in tuberculosis institutions] **Probl Tuberk** 1985;(4):72-5 **(Rus)**

[Evaluation of the results of socialist competitive activities in public health institutions] Baĭla VD, et al. **Sov Zdravookhr** 1984;(5):45-9 (Eng. Abstr.) **(Rus)**

[Role of the district clinical hospital in improving the quality of medical services to the population] Iadykina LI, et al. **Sov Zdravookhr** 1984;(9):36-9 **(Rus)**

[Means of improving polyclinic care] Kasumov TA. **Sov Zdravookhr** 1985;(1):27-9 **(Rus)**

[Evaluation of the treatment efficacy on the basis of life span tables] Malinskiĭ DM. **Sov Zdravookhr** 1984;(10):26-31 (Eng. Abstr.) **(Rus)**

[Results of socialist competition in a unified multi-profile hospital] Petrov MN, et al. **Sov Zdravookhr** 1984;(8):40-4 **(Rus)**

[Retrospective analysis of the quality of medical care for hypertension patients based on figures on those dying suddenly] Mindlin IaS, et al. **Ter Arkh** 1985;57(1):54-8 (Eng. Abstr.) **(Rus)**

[Diagnostic delay in cancer of the colon and rectum: a prospective study between 1978 and 1982] Mate Jiménez J, et al. **Rev Esp Enferm Apar Dig** 1984 Oct;66(4):307-10 (Eng. Abstr.) **(Spa)**

ECONOMICS

Workshop I: Quality of cardiologic care in the era of cost containment. **Am J Cardiol** 1985 Aug 23;56(5):62C-64C

A medical view of the role of the medical profession [editorial] **Aust Clin Rev** 1984 Mar;(11):36-9

America's march to medical mediocrity or a great and noble profession is dying. Lamkin EH Jr. **J Med Assoc Ga** 1985 May;74(5):312-8

Ethics and cost containment [letter] McMahon JA. **JAMA** 1985 Apr 5;253(13):1875-6

The best buy—a cooperative effort. Holly LE. **Mich Med** 1985 Jun;84(6):320

Institutional responses to prospective payment based on diagnosis-related groups. Implications for cost, quality, and access. Stern RS, et al. **N Engl J Med** 1985 Mar 7; 312(10):621-7

Medicine versus economics. Thurow LC. **N Engl J Med** 1985 Sep 5;313(10):611-4

Is cost-effectiveness replacing quality as medical care priority? Strasser AL. **Occup Health Saf** 1985 Jan;54(1):46

Purveyors of cost-containment, beware. The buck stops here [editorial] Gordinier RH. **Postgrad Med** 1985 Aug;78(2):13, 16

On measuring both quality and costs in patient care [editorial] Watts MS. **West J Med** 1984 Aug;141(2):237-8

LEGISLATION & JURISPRUDENCE

Complaints—fining and citation. **Iowa Med** 1985 Apr; 75(4):185-6

The expert medical witness. Roberts DK. **J Kans Med Soc** 1984 Dec;85(12):335-6, 339

Standards, attitudes and accountability in the medical profession. Simanowitz A. **Lancet** 1985 Sep 7;2(8454):546-7

Specialized nutritional support of patients—a hospital's legal duty? Spencer RA, et al. **QRB** 1985 May;11(5):160-4

TRENDS

The doctor-patient relationship through the ages. Altschule MD. **Ala J Med Sci** 1984 Oct;21(4):435-9

Hospital practice in Nepal. Gorton MM. **N Engl J Med** 1985 Jan 24;312(4):249-50

What about the patient? Hogness JR. **N Engl J Med** 1985 Sep 12;313(11):689-90

Professionalism and the quality of medical care [editorial] Thomison JB. **South Med J** 1984 Sep;77(9):1071-3

QUALITY OF LIFE

Assessment of psychic side-effects of antihypertensive drugs. Jern S. **Acta Med Scand [Suppl]** 1985;693:103-6

Assessment of quality of life in clinical trials of cardiovascular therapies. Wenger NK, et al. **Am J Cardiol** 1984 Oct 1; 54(7):908-13

Quality of life in cancer patients. Who measures what? Presant CA. **Am J Clin Oncol** 1984 Oct;7(5):571-3

Institutional reform, adaptive functioning of mentally retarded persons, and staff quality of work life. MacEachron AE, et al. **Am J Ment Defic** 1985 Jan; 89(4):379-88

Oral disease and quality of life [editorial] Nikias M. **Am J Public Health** 1985 Jan;75(1):11-2

Complications and quality of life after ileorectal anastomosis for ulcerative colitis. Oakley JR, et al. **Am J Surg** 1985 Jan;149(1):23-30

The effect of quality of life and sanctity of life on clinical decision making. Taylor SG. **AORN J** 1985 May;41(5):924, 926, 928

First relieve suffering. Ramírez-Rivera J. **Bol Asoc Med PR** 1985 Mar;77(3):101-3

Quality of life measurement in breast cancer patients. Bell DR, et al. **Br J Cancer** 1985 Apr;51(4):577-80

Measurement of the quality of life after cancer treatment. Selby P. **Br J Hosp Med** 1985 May;33(5):266-71

Quality of life after restorative proctocolectomy with pelvic ileal reservoir. Pezim ME, et al. **Br J Surg** 1985 Jan; 72(1):31-3

Impact of whooping cough on patients and their families. Johnston ID, et al. **Br Med J [Clin Res]** 1985 Jun 1; 290(6482):1636-8

Is aggressive adjuvant chemotherapy the Halsted radical of the '80s? Kushner R. **CA** 1984 Nov-Dec;34(6):345-51

Sexual functioning morbidity among cancer survivors. Current status and future research directions. Andersen BL. **Cancer** 1985 Apr 15;55(8):1835-42

Toward the development of a play performance scale for children (PPSC). Lansky LL, et al. **Cancer** 1985 Oct 1;56(7 Suppl):1837-40

The influence and reliability of neurologic assessment and Karnofsky performance score on prognosis. Milstein JM, et al. **Cancer** 1985 Oct 1;56(7 Suppl):1834-6

Psychosocial aspects of artificial feeding. Padilla GV, et al. **Cancer** 1985 Jan 1;55(1 Suppl):301-4

Assessment of the nutritional status of Nigerian rural children and mothers' perceptions of quality of life. Ojofeitimi EO. **Child Care Health Dev** 1984 Nov-Dec;10(6):349-58

Quality of life in treated head and neck cancer patients: a preliminary report. Morton RP, et al. **Clin Otolaryngol** 1984 Jun;9(3):181-5

Monitoring the subjective well-being of chronically ill patients over time. Gill WM. **Community Health Stud** 1984; 8(3):288-96

Integrating disabled Canadians—are we ready? Symington D. **Dimens Health Serv** 1984 Nov;61(11):12-4

Baby Doe and the search for a quality life. Powell TH, et al. **Except Child** 1985 Jan;51(4):315-23 (29 ref.)

Quality of research on correlates of subjective well-being in adulthood. Okun MA, et al. **Exp Aging Res** 1984 Autumn;10(3):161-3

Investigation of the Karnofsky Performance Status as a measure of quality of life. Grieco A, et al. **Health Psychol** 1984;3(2):129-42

Intervention strategies to enhance well-being in later life: the status and prospect of guided change. Maddox GL. **Health Serv Res** 1985 Feb;19(6 Pt 2):1007-32

Comparative study of costs and quality of life of chronic ambulatory peritoneal dialysis and hemodialysis patients in Israel. Rozenbaum EA, et al. **Isr J Med Sci** 1985 Apr; 21(4):335-9

The use of quality-of-life considerations in medical decision making. Pearlman RA, et al. **J Am Geriatr Soc** 1985 May; 33(5):344-52

Freedom, dependency, and the care of the very old. Thomasma DC. **J Am Geriatr Soc** 1984 Dec;32(12):906-14

Quality of life in hypertensive patients on different antihypertensive treatments: rationale for methods employed in a multicenter randomized controlled trial. Bulpitt CJ, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S137-45

Quality of life and the patient's response to treatment. Levine S, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S132-6

The improved quality of life with the Kock continent ileostomy. Gerber A, et al. **J Clin Gastroenterol** 1984 Dec; 6(6):513-7

Quality of life [letter] Petrelli NJ, et al. **J Clin Oncol** 1985 Jul;3(7):1041-2

Radiotherapy's role in local sarcoma control and quality of life [letter] Toonkel LM. **J Clin Oncol** 1985 Jul;3(7):1042-3

Drugs and the quality of life: the patient's point of view. Diamond R. **J Clin Psychiatry** 1985 May;46(5 Pt 2):29-35

Religion, age, life satisfaction, and perceived sources of religiousness: a study of older persons. Hunsberger B. **J Gerontol** 1985 Sep;40(5):615-20

A structural integration of the Affect Balance Scale and the Life Satisfaction Index A. Liang J. **J Gerontol** 1985 Sep; 40(5):552-61

'Aging is becoming.' Independence for older Georgians. Woody E. **J Med Assoc Ga** 1985 May;74(5):292

Quality of life in cancer patients—an hypothesis. Calman KC. **J Med Ethics** 1984 Sep;10(3):124-7

What is wrong with 'wrongful life' cases? Bell NK, et al. **J Med Philos** 1985 May;10(2):127-45

Problems and coping strategies identified by narcoleptic patients. Rogers AE. **J Neurosurg Nurs** 1984 Dec; 16(6):326-34

The association between the quality of life and suicide and homicide rates. Lester D. **J Soc Psychol** 1984 Dec;124(2ND Half):247-8

Quality of life after breast cancer surgery. de Haes JC, et al. **J Surg Oncol** 1985 Feb;28(2):123-5

David the 'Bubble Boy' and the boundaries of the human. Lawrence RJ. **JAMA** 1985 Jan 4;253(1):74-6

The role of prosthetic valves in the treatment of valvular disease of the heart—with particular attention to the quality of life after valve replacement. Koyanagi H, et al. **Jpn Circ J** 1984 Oct;48(10):1157-61

Hospice and the new devaluation of human life. Gibson DE. **Ment Retard** 1984 Aug;22(4):157-69

The quality of life of patients with end-stage renal disease. Evans RW, et al. **N Engl J Med** 1985 Feb 28;312(9):553-9

Quality of life of patients with end-stage renal disease [letter] Kutner NG. **N Engl J Med** 1985 Jun 13;312(24):1579-80

Coronary bypass [letter] Barnyk MA. **Nurs Res** 1985 Jan-Feb;34(1):65

The impact of arthritis on quality of life. Burckhardt CS. **Nurs Res** 1985 Jan-Feb;34(1):11-6

Quality of life of hearing-impaired older women. Magilvy JK. **Nurs Res** 1985 May-Jun;34(3):140-4

Chronic illness associated with aging can be postponed. **Occup Health Saf** 1984 Sep;53(8):32, 36

Ethics and the elderly—care at what cost? Porter S. **Ohio State Med J** 1985 Jun;81(6):400-7

Reflections on enjoyment. Csikszentmihalyi M. **Perspect Biol Med** 1985 Summer;28(4):489-97

Quality of life: an ideological critique. Edlund M, et al. **Perspect Biol Med** 1985 Summer;28(4):591-607

Management of multiple sclerosis. How to improve the quality of life. Levine AM. **Postgrad Med** 1985 Apr; 77(5):121-3, 126-7

Life satisfaction, health control orientation, and illness-related factors in persons with osteoarthritis. Laborde JM, et al. **Res Nurs Health** 1985 Jun;8(2):183-90

The nature of life and the nature of death. Brooks CM. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):133-45

Life and death. Lloyd JW. **Sangyo Ika Daigaku Zasshi** 1983 Mar 1;5(1):127-32

Considerations on the use of some health indicators in the assessment of the population's living standard. Huszar T. **Sante Publique (Bucur)** 1984;27(1):89-94

The role of certain socio-sanitary factors in conditioning the quality of man's life. Part One. Zamfir G, et al. **Sante Publique (Bucur)** 1984;27(2):125-40 (108 ref.)

Severely mobility-disabled people assess the quality of their lives. Stensman R. **Scand J Rehabil Med** 1985;17(2):87-99

The quality of life of cancer patients: a review of the literature. de Haes JC, et al. **Soc Sci Med** 1985;20(8):809-17 (66 ref.)

A survey of those who care for the elderly at home: their problems and their needs. Jones DA, et al. **Soc Sci Med** 1984;19(5):511-4

How can the total artificial heart (TAH) patient be mobile and enjoy his life with an air driven system? Atsumi K, et al. **Trans Am Soc Artif Intern Organs** 1984;30:86-91

Mortality, morbidity, and life satisfaction in the very old dialysis patient. Westlie L, et al. **Trans Am Soc Artif Intern Organs** 1984;30:21-30

A comparative assessment of the quality of life of successful kidney transplant patients according to source of graft. Evans RW, et al. **Transplant Proc** 1984 Oct;16(5):1353-8

[The Centre Nationale de la Recherche laboratory for occupational physiology investigates for a better quality of life. The French research institute with international recognition] Schneider RE. **Fortschr Med** 1985 Mar 14; 103(10):98-9 **(Ger)**

[Quality of life following heart valve prosthesis] Schönberg B, et al. **Schweiz Med Wochenschr** 1985 Feb 16; 115(7):239-41 (Eng. Abstr.) **(Ger)**

[Nutritional status and quality of life following gastrectomy] Walter F, et al. **Zentralbl Chir** 1984;109(17):1122-9 (Eng. Abstr.) **(Ger)**

[The influence of psychological, cultural and social factors on the complex care in retirement homes] Kuhlmey J. **ZFA** 1985 Mar-Apr;40(2):102-5 **(Ger)**

[Cultural, social and psychological factors in the care process of elderly and aged citizens] Siggelkow H. **ZFA** 1985 Mar-Apr;40(2):106-9 **(Ger)**

QUANTUM THEORY

How can quantum mechanics of material evolution be possible? Symmetry and symmetry-breaking in protobiological evolution. Matsuno K. **Biosystems** 1985; 17(3):179-92

Theoretical and quantum prediction of toxic effects. Kaufman JJ, et al. **Drug Metab Rev** 1984;15(3):527-56

Quantum physics and the philosophy of medicine [editorial] Comfort A. **J R Soc Med** 1984 Aug;77(8):631-3

QUARANTINE

Quarantine and AIDS. Novick A. **Conn Med** 1985 Feb; 49(2):81-3

Quarantine measures. **MMWR** 1985 Mar 29;34(12):163-4

HISTORY

Grosse Ile: island of the dead. Trent B. **Can Med Assoc J** 1984 Oct 15;131(8):960-8

Illustrations from the Wellcome Institute Library. The new lazaretto at Siros (Syra), Greece, in 1840. Slatter EM. **Med Hist** 1984 Jan;28(1):73-80

[The origin of quarantine in European naval medicine] Ulewicz K. **Arch Hist Med (Warsz)** 1985;48(1):47-50 (Eng. Abstr.) **(Pol)**

QUARTZ see under **SILICA**

QUERCETIN see under **FLAVONES**

QUESTIONNAIRES

Validity of questionnaires in population studies on drug use. Benson G, et al. **Acta Psychiatr Scand** 1985 Jan;71(1):9-18

Retrospective information from questionnaires. I. Comparability of primary respondents and their next-of-kin. Herrmann N. **Am J Epidemiol** 1985 Jun; 121(6):937-47

Retrospective information from questionnaires. II. Intrarater reliability and comparison of questionnaire types. Herrmann N. **Am J Epidemiol** 1985 Jun;121(6):948-53

The Delphi technique: characteristics and sequence model. Couper MR. **ANS** 1984 Oct;7(1):72-7

Constructing an effective questionnaire. Venne V. **Birth Defects** 1984;20(6):130-1

Validation of a self administered questionnaire to elicit gastrointestinal symptoms. Chisholm EM, et al. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1795-6

Comparison of mail questionnaire and telephone interview as data gathering strategies in a survey of attitudes toward restrictions on cigarette smoking. Pederson LL, et al. **Can J Public Health** 1985 May-Jun;76(3):179-82

'Does the mode matter?'--A comparison of three modes of questionnaire completion. Quine S. **Community Health Stud** 1985;9(2):151-6

How should we measure function in patients with chronic heart and lung disease? Guyatt GH, et al. **J Chronic Dis** 1985;38(6):517-24

A useless raffle. Mortagy AK, et al. **J Epidemiol Community Health** 1985 Jun;39(2):183-4

Development and validation of a measure of dental patient satisfaction. Chapko MK, et al. **Med Care** 1985 Jan; 23(1):39-49

A simple questionnaire for use in computerizing bone marrow aspirate reports. Martin PJ, et al. **Med Lab Sci** 1984 Jul; 41(3):291-4

Gender differences on the Cognitive-Somatic Anxiety Questionnaire. Edwards PW, et al. **Psychol Rep** 1984 Aug; 55(1):123-4

[The personality structure of drug users] Bucher R, et al. **Acta Psiquiatr Psicol Am Lat** 1984 Sep;30(3):209-19 (Eng. Abstr.) **(Por)**

[Results of screening aimed at the early detection of malignant neoplasms of the uterus using a questionnaire] Burány B, et al. **Med Pregl** 1984;37(11-12):497-500 (Eng. Abstr.) **(Scr)**

[Epidemiological study of alcoholism in Ecuador using the Munich Alcoholism Test (MALT)] Gorenc KD, et al. **Bol Estud Med Biol** 1983 Jul-Oct;32(7-8):391-416 (Eng. Abstr.) **(Spa)**

QUEUING THEORY see **SYSTEMS THEORY**

QUINACRINE

ANALOGS & DERIVATIVES

Irreversible inhibition of calcium uptake in synaptosomes by quinacrine mustard: relationship to labeling sites of quinacrine mustard. Ohta A, et al. **J Neurochem** 1985 Aug; 45(2):657-60

METABOLISM

The distribution of quinacrine on chromosomes as determined by X-ray microanalysis. II. Comparison of heterochromatic and euchromatic regions of mouse chromosomes. Sumner AT. **Chromosoma** 1985;91(2):145-50

Quinacrine accumulation in pancreatic islet cells of rat and mouse: relationship to functional activity and effects on basal and stimulated insulin secretion. Lundquist I, et al. **Diabetologia** 1985 Mar;28(3):161-6

The use of fluorescence microscopy and microfluorimetry to study the distribution of quinacrine in mice. Howroyd PC, et al. **Histochem J** 1985 Jan;17(1):13-21

Detergent solubilization and affinity purification of a local anesthetic binding protein from mammalian axonal membranes. Greenberg M, et al. **J Biol Chem** 1984 Nov 10;259(21):13241-5

PHARMACODYNAMICS

Effects of mepacrine on uterine contractile responses. Bade SC, et al. **Biol Reprod** 1985 Jun;32(5):1031-7

Quinacrine-induced dilation of the rat cecum and degeneration of large granular vesicle-containing neurons in the myenteric plexus. Iijima T, et al. **Cell Tissue Res** 1985;241(2):383-9

Lack of tubal occlusion by intrauterine quinacrine and tetracycline in the primate. Zaneveld LJ, et al. **Contraception** 1984 Aug;30(2):161-7

Quinacrine antagonizes the effects of Na,K-ATPase inhibitors on renal prostaglandin E2 release but not their effects on renin secretion. Churchill PC, et al. **Life Sci** 1985 Jan 21;36(3):277-82

Effect of chronic haloperidol and quinacrine coadministration on striatal HVA levels and stereotypic behaviors in response to apomorphine in the rat. Deutsch SI, et al. **Neurochem Res** 1985 Apr;10(4):491-8

THERAPEUTIC USE

Four-year follow-up of insertion of quinacrine hydrochloride pellets as a means of nonsurgical female sterilization. Bhatt R, et al. **Fertil Steril** 1985 Sep; 44(3):303-6

Quinacrine nonsurgical female sterilization: a reassessment of safety and efficacy. Kessel E, et al. **Fertil Steril** 1985 Sep;44(3):293-8

Inhibitory effect of quinacrine on myocardial reactive hyperemia in the dog. Kimura T, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):269-74

Problems in diagnosing and managing giardiasis. Pickering LK. **Pediatr Infect Dis** 1985 May-Jun;4(3 Suppl):S6-10

[Collagenous colitis coexisting with polyadenoma. Favorable effect of mepacrine (letter)] Maroy B, et al. **Gastroenterol Clin Biol** 1985 May;9(5):453-4 **(Fre)**

TOXICITY

Atrial thrombosis involving the heart of F-344 rats ingesting quinacrine hydrochloride. Reuber MD, et al. **Arch Toxicol** 1984 Nov;56(1):38-42

QUINACRINE MUSTARD see under **QUINACRINE**

QUINALBARBITONE see **SECOBARBITAL**

QUINALDINES see under **QUINOLINES**

QUINAZOLINES

[Electron impact and field desorption mass spectrometry of 2,4-diamino-6-substituted quinazoline sulfonamides] Tang BS, et al. **Yao Hsueh Hsueh Pao** 1984 Jun;19(6):415-8 (Eng. Abstr.) **(Chi)**

[Correlation between protonization coefficients measured in aqueous and water-ethanol solutions] Radeczky G, et al. **Acta Pharm Hung** 1985 May;55(3):119-25 (Eng. Abstr.) **(Hun)**

ADMINISTRATION & DOSAGE

Prazosin once or twice daily? Westerman RF, et al. **Eur J Clin Pharmacol** 1985;28(1):11-5

A case of primary pulmonary hypertension treated with prazosin and isosorbide dinitrate. Kanemoto N, et al. **Jpn Heart J** 1984 Nov;25(6):1085-9

[Anti-arrhythmic effect of changrolin combined with nicotinamide in experimental arrhythmia] Gu CG, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Sep,5(3):173-7 (Eng. Abstr.) **(Chi)**

ADVERSE EFFECTS

Working ability and exercise tolerance during treatment of mild hypertension. II. A comparison between atenolol and prazosin medication. Lange Andersen K, et al. **Int Arch Occup Environ Health** 1985;56(1):49-55

Prazosin-induced priapism in a diabetic [letter] Adams JW, et al. **J Urol** 1984 Dec;132(6):1208

ANALYSIS

Competitive protein-binding assay for trimetrexate. Drake JC, et al. **Cancer Treat Rep** 1985 Jun;69(6):641-4

The quinazoline alkaloids. Johne S. **Fortschr Chem Org Naturst** 1984;46:159-229 (232 ref.)

Spectrophotometric and fluorimetric assay of prazosin hydrochloride in tablet form. Mohamed ME, et al. **Pharmazie** 1985 May;40(5):358

BLOOD

Single-dose pharmacokinetics of fenquizone in healthy volunteers. Maggi GC, et al. **Arzneimittelforschung** 1985; 35(6):994-8

Application of pharmacokinetic-pharmacodynamic modelling for the comparison of quinazoline alpha-adrenoceptor agonists in normotensive volunteers. Meredith PA, et al. **J Cardiovasc Pharmacol** 1985 May-Jun; 7(3):532-7

High-performance liquid chromatographic determination of 2-[3'-(methoxycarbonylamino)-phenyl]-3-phenyl-6-methylamino-4-(3H)-quinazolone (NSC-251635) in human serum. Brassinne C, et al. **J Chromatogr** 1985 May 3; 339(2):445-50

Determination of the antiallergenic agent, N-[4-(1H-imidazol-1-yl)butyl]-2-(1-methylethyl)-11-oxopyrido [2,1-b]quinazoline-8-carboxamide, in plasma by reversed-phase high-performance liquid chromatographic analysis using fluorometric detection. Strojny N, et al. **J Chromatogr** 1984 Dec 12;336(2):301-11

[Comparative study of the relative bioavailabilities of two prazosin preparations in patients with essential hypertension] Rostock G, et al. **Pharmazie** 1985 Apr; 40(4):259-61 (Eng. Abstr.) **(Ger)**

CHEMICAL SYNTHESIS

Syntheses of some new 4(3H)-quinazolinones as potential CNS active agents. Lakhan R, et al. **Arch Pharm (Weinheim)** 1985 Mar;318(3):228-38

Photoaffinity labeling of the alpha 1-adrenergic receptor using an 125I-labeled aryl azide analogue of prazosin. Seidman CE, et al. **Biochemistry** 1984 Jul 31;23(16):3765-70

Synthesis of 1- and 3-(1-substituted 4-piperidinyl)-1,2,3,4-tetrahydro-2-oxoquinazolines as potential antihypertensive agents. Takai H, et al. **Chem Pharm Bull (Tokyo)** 1985 Mar;33(3):1116-28

New derivatives of pyrrolo and pyrido[2,1-b] quinazoline as antiulcer agents. Doria G, et al. **Farmaco [Sci]** 1984 Nov; 39(11):968-78

Folate antagonists. 22. Antimalarial and antibacterial effects of 2,4-diamino-6-quinazolinesulfonamides. Elslager EF, et al. **J Med Chem** 1984 Dec;27(12):1740-3

2-(beta-Arylethylamino)- and 4-(beta-arylethylamino)quinazolines as phosphodiesterase inhibitors. Millen J, et al. **J Med Chem** 1985 Jan;28(1):12-7

Studies on 4(1H)-quinazolinones. 5. Synthesis and antiinflammatory activity of 4(1H)-quinazolinone derivatives. Ozaki K, et al. **J Med Chem** 1985 May; 28(5):568-76

Photoaffinity cross-linking of a radioiodinated probe, 125I-A55453, into alpha 1-adrenergic receptors. Dickinson KE, et al. **Mol Pharmacol** 1984 Sep;26(2):187-95

[Studies on antimalarials. XI. Synthesis and antimalarial activities of some 2,4-diamino-6-(N-substituted-p-chlorobenzylamino)quina derivatives] Li GY, et al. **Yao Hsueh Hsueh Pao** 1984 Feb; 19(2):108-18 (Eng. Abstr.) **(Chi)**

[Quinazolinones. 3. Synthesis, pharmacology and structure-activity relationship of derivatives of 2-methyl-3-(4-oxo-3-phenyl-thiazolidin-2-ylidenamino)--quinazolinone] Büyüktimkin S. **Arch Pharm (Weinheim)** 1985 Jun;318(6):496-501 (Eng. Abstr.) **(Ger)**

[Quinazolinones. 1. Preparation, crystal structure and action of 2-methyl-3-(4-oxo-3-phenyl-thiazolidine-2-ylidenamino) quinazolinone] Büyüktimkin S, et al. **Arch Pharm (Weinheim)** 1984 Sep;317(9):797-802 (Eng. Abstr.) **(Ger)**

[Synthesis and antihypertensive activity of quinazolinone derivatives] Liu KC, et al. **Arch Pharm (Weinheim)** 1985 Jun;318(6):502-5 (Eng. Abstr.) **(Ger)**

[Potentially bioactive pyrimidine derivatives. 1. 2-Amino-4-aryl-8-arylidene-3,4,5,6,7,8-hexahydroquinaz Deli J, et al. **Pharmazie** 1984 Aug;39(8):539-40 (Eng. Abstr.) **(Ger)**

ISOLATION & PURIFICATION

[Minor constituents of qing dai, a traditional Chinese medicine. I. Isolation, structural determination and synthesis of tryptanthrin and qingdainone] Zou JC, et al. **Yao Hsueh Hsueh Pao** 1985 Jan;20(1):45-51 (Eng. Abstr.) **(Chi)**

METABOLISM

Identification and characterization of 3H-prazosin binding to alpha 1-adrenoceptors in bovine teat muscles. Roets E, et al. **Arch Int Pharmacodyn Ther** 1985 Jun;275(2):189-98

Chronic administration of antidepressant drugs increases the density of cortical [3H]prazosin binding sites in the rat. Vetulani J, et al. **Brain Res** 1984 Sep 24;310(2):360-2

The clinical pharmacokinetics of the novel antifolate N10-propargyl-5,8-dideazafolic acid (CB 3717). Alison DL, et al. **Cancer Chemother Pharmacol** 1985;14(3):265-71

Clinical pharmacokinetics of prazosin--1985. Vincent J, et al. **Clin Pharmacokinet** 1985 Mar-Apr;10(2):144-54 (56 ref.)

Combined alpha adrenoceptor antagonism and calcium channel blockade in normal subjects. Pasanisi F, et al. **Clin Pharmacol Ther** 1984 Dec;36(6):716-23

Identification of a prazosin metabolite and some preliminary data on its kinetics in hypertensive patients. Piotrovskii VK, et al. **Eur J Clin Pharmacol** 1984;27(3):275-80

Role of endothelium in the binding of [3H]prazosin to the aortic alpha 1-adrenergic receptors. Carman-Kržan M. **Eur J Pharmacol** 1985 Apr 23;111(1):137-8

Identification of subtypes of [3H]prazosin-labelled alpha 1 receptor binding sites in rat brain. Morrow AL, et al. **Eur J Pharmacol** 1985 Feb 26;109(2):285-7

Determination of proquazone and its m-hydroxy metabolite by high-performance liquid chromatography. Clinical application: pharmacokinetics of proquazone in children with juvenile rheumatoid arthritis. Lempiäinen M, et al. **J Chromatogr** 1985 May 31;341(1):105-13

Synthesis, in vitro [3H]prazosin displacement, and in vivo activity of 3-aryl-4,5,6,7-tetrahydropyrazolo[4,3-c]pyridines, a new class of antihypertensive agents. Winters G, et al. **J Med Chem** 1985 Jul;28(7):934-40

Prazosin binding to human alpha 1-acid glycoprotein (orosomucoid), human serum albumin, and human serum. Further characterization of the 'single drug binding site' of orosomucoid. Brunner F, et al. **J Pharm Pharmacol** 1985 May;37(5):305-9

Two distinct populations of [3H]prazosin and [3H]yohimbine binding sites in the plasma membranes of rat mesenteric artery. Agrawal DK, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):195-203

Effects of albumin and alpha-1 acid glycoprotein on elimination of prazosin and antipyrine in the isolated perfused rat liver. Oie S, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):636-40

Characterization of alpha1 adrenergic receptors in human benign prostatic hyperplasia. Lepor H, et al. **J Urol** 1984 Dec;132(6):1226-9

Displacement by alpha-adrenergic agonists and antagonists of 3H-prazosin bound to the alpha-adrenoceptors of the dog aorta and the rat brain. Nagatoma T, et al. **Jpn J Pharmacol** 1985 Feb;37(2):181-7

Adrenergic receptors on cerebral microvessels in control and parkinsonian subjects. Cash R, et al. **Life Sci** 1985 Aug 12;37(6):531-6

Lack of specific (3H) prazosin binding sites in dog and rabbit cerebral arteries. Ferron PM, et al. **Life Sci** 1984 Nov 19; 35(21):2169-76

Evidence for the participation of disulfide and sulfhydril groups in the specific binding of [3H]prazosin in cerebral cortex. Reader TA, et al. **Neurochem Res** 1985 Jan; 10(1):107-22

[3H]prazosin binding to central nervous system regions of male and female rats. Ambrosio E, et al. **Neurosci Lett** 1984 Aug 24;49(1-2):193-7

Inhibition of metabolism of the 'nonclassical' antifolate, trimetrexate (2,4-diamino-5-methyl-6-[(3,4,5-trimethoxyanilino)methy by drugs containing an imidazole moiety. Heusner JJ, et al. **Pharmacology** 1985;30(5):266-72

[Biological availability and pharmacological effects of Prazosin VUFB in dogs] Sedlmayer P, et al. **Cesk Farm** 1984 Jul;33(6):235-7 (Eng. Abstr.) **(Cze)**

PHARMACODYNAMICS

Doxazosin increases low density lipoprotein receptor activity. Leren TP. **Acta Pharmacol Toxicol (Copenh)** 1985 Mar; 56(3):269-72

TVX 2706--a new phosphodiesterase inhibitor with antiinflammatory action. Biochemical characterization. Glaser T, et al. **Agents Actions** 1984 Oct;15(3-4):341-8

Prazosin alters free and total plasma digoxin levels in dogs. Plunkett LM, et al. **Am Heart J** 1985 Apr;109(4):847-51

Comparative central and peripheral antihypertensive mechanisms of urapidil and prazosin. Brody MJ, et al. **Am J Med** 1984 Oct 5;77(4A):74-80

Comparative effects of urapidil, prazosin, and clonidine on ligand binding to central nervous system receptors, arterial pressure, and heart rate in experimental animals. Kellar KJ, et al. **Am J Med** 1984 Oct 5;77(4A):87-95

Relationship of blood pressure response and the renin-angiotensin system to first-dose prazosin. Nicholson JP, et al. **Am J Med** 1985 Feb;78(2):241-4

Participation of central alpha-receptors on hemodynamic response to E. coli endotoxin. Koyama S. **Am J Physiol** 1984 Oct;247(4 Pt 2):R655-62

Effects of 1-[2-ethoxy-2-(3'-pyridyl)ethyl]-4-(2'-methoxyphenyl)pi (IP-66), prazosin, yohimbine and dihydroergotoxine mesylate on the vasoconstriction of rat mesenteric artery induced by electric stimulation and exogenous norepinephrine. Castellucci A. **Arzneimittelforsch** 1985; 35(1):107-11

Anti-inflammatory and other pharmacodynamic properties of five members of the 4-aryl-1-isopropyl-2(1H)-quinazolinone series. Perrine JW, et al. **Arzneimittelforsch** 1984;34(8):879-85

The influence of repeated administration of prazosin on its hypotensive effect and on renin release in conscious dogs. A comparison with urapidil. Beck A, et al. **Basic Res Cardiol** 1984 Sep-Oct;79(5):579-87

Carbachol causes rapid phosphodiesteratic cleavage of phosphatidylinositol 4,5-bisphosphate and accumulation of inositol phosphates in rabbit iris smooth muscle; prazosin inhibits noradrenaline- and ionophore A23187-stimulated accumulation of inositol phosphates. Akhtar RA, et al. **Biochem J** 1984 Nov 15;224(1):291-300

Modulation of anti-metabolite effects. Effects of thymidine on the efficacy of the quinazoline-based thymidylate synthetase inhibitor, CB3717. Jackman AL, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3269-75

Synthesis and evaluation of 2,4-diaminoquinazoline antifolates with activity against methotrexate-resistant human tumor cells. Schornagel JH, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3251-5

Inhibition of dihydrofolate reductase, methotrexate transport, and growth of methotrexate-sensitive and -resistant L1210 leukemia cells in vitro by 5-substituted 2,4-diaminoquinazolines. Susten SS, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2163-7

Regulation of liver lipase. II. Involvement of the alpha 1-receptor. Schoonderwoerd K, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):481-6

Phospholipid metabolism in rat kidney cortical tubules. II. Effects of hormones on 32P incorporation. Wirthensohn G, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):401-10

Effect of prazosin on the efflux of 3H-norepinephrine and metabolites from the intima and adventitia of the rabbit ear artery. Parker DA, et al. **Blood Vessels** 1985;22(2):74-83

The action of prazosin and propylene glycol on methoxamine-induced bronchoconstriction in asthmatic subjects. Black JL, et al. **Br J Clin Pharmacol** 1984 Sep; 18(3):349-53

Conjugated catecholamines and pressor responses to angiotensin, luteinizing hormone-releasing hormone and prazosin in conscious toads. Wilson JX. **Br J Pharmacol** 1985 Jul;85(3):647-53

Alpha 1-noradrenergic receptor blockade decreases nuclear estrogen receptor binding in guinea pig hypothalamus and preoptic area. Clark AS, et al. **Brain Res** 1985 Mar 18; 330(1):197-9

Differential blocking effects of prazosin and yohimbine on pressor responses to neuronally released and exogenously administered noradrenaline in the pithed rat. Kimura T, et al. **Clin Exp Pharmacol Physiol** 1984 Nov-Dec; 11(6):589-95

Effects of prazosin on platelet aggregation and plasma beta-thromboglobulin in essential hypertension. Ikeda T, et al. **Clin Pharmacol Ther** 1985 Jun;37(6):601-5

Factors determining alpha-adrenoceptor-mediated responses of human digital arteries and metacarpal veins. Stevens MJ, et al. **Clin Sci** 1985;68 Suppl 10:31s-33s

Acute systemic and regional haemodynamic profile of prazosin in conscious hypertensive rabbits. Bolt GR, et al. **Eur J Pharmacol** 1984 Sep 3;104(1-2):151-7

Vagally mediated bradycardiac effect of prazosin in anaesthetized rats. Paakkari I, et al. **Eur J Pharmacol** 1984 Oct 15;105(3-4):223-8

The effect of prazosin, indoramin and phentolamine on sympathetic nerve activity. Ramage AG. **Eur J Pharmacol** 1984 Nov 27;106(3):507-13

Effects of urapidil, clonidine, prazosin and propranolol on autonomic nerve activity, blood pressure and heart rate in anaesthetized rats and cats. Sanders KH, et al. **Eur J Pharmacol** 1985 Apr 2;110(2):181-90

Insurmountable antagonism of ouabain-induced coronary constriction by prazosin. Tanz RD, et al. **Eur J Pharmacol** 1985 May 28;112(1):111-3

Presence of presynaptic inhibitory alpha 1-adrenoceptors in the cardiac sympathetic nerves of the dog: effects of prazosin and yohimbine on sympathetic neurotransmission to the heart. Uchida W, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):51-6

Some neurochemical effects of a new antianxiety agent centazolone. Laxmi CV, et al. **Indian J Exp Biol** 1984 Dec; 22(12):649-52

Trimetrexate: a new antifol entering clinical trials. O'Dwyer PJ, et al. **Invest New Drugs** 1985;3(1):71-5

Dose-response following single administrations of a new cardiac performance enhancer RO 13-6438 in normal volunteers. Belz GG, et al. **J Cardiovasc Pharmacol** 1985 Jan-Feb;7(1):86-90

Suppression of reflex tachycardia following alpha-adrenoceptor blockade in conscious dogs: comparison of urapidil with prazosin. Shebuski RJ, et al. **J Cardiovasc Pharmacol** 1984 Sep-Oct;6(5):788-94

Haemodynamic response to ketanserin in rabbits with Page hypertension: comparison with prazosin. Wright CE, et al. **J Hypertens** 1983 Aug;1(2):183-90

Structure-activity relationships for prazosin and WB 4101 analogues as alpha 1-adrenoreceptor antagonists. Giardinà D, et al. **J Med Chem** 1985 Sep;28(9):1354-7

The effect of halofuginone, Wellcome 993 C, oxytetracycline, and diminazene diaceturate on Babesia equi-infected lymphoblastoid cell cultures. Zweygarth E, et al. **J Parasitol** 1984 Aug;70(4):542-4

Suppression of reflex tachycardia by central administration of the alpha-1 adrenoceptor antagonists urapidil and prazosin in anesthetized dogs. Shebuski RJ, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):456-62

Effect of prazosin and yohimbine on systolic blood pressure and on renal norepinephrine content in DOCA-salt rats. Sánchez A, et al. **Life Sci** 1985 Apr 22;36(16):1589-96

Vasodilators and ventricular septal defect: comparison of prazosin, minoxidil, and hydralazine in a chronic lamb model. Boucek MM, et al. **Pediatr Res** 1984 Sep; 18(9):859-64

Differential sensitivity to prazosin and yohimbine blockade of tyramine and noradrenaline. Lucchelli A, et al. **Pharmacol Res Commun** 1985 Mar;17(3):271-81

The influence of prazosin on E. coli lipopolysaccharide-induced fever and noradrenaline hyperthermia. Matuszek M, et al. **Pol J Pharmacol Pharm** 1984 Nov-Dec;36(6):585-93

The use of bambermycins (Flavomycin) and halofuginone (Stenorol) in diets for growing turkeys. Waldroup PW, et al. **Poult Sci** 1985 Jul;64(7):1296-301

Influence of TR2515, a serotonin antagonist, on the electrical and behavioral effects induced by stimulation of the olivo-cerebellar system. Barragan LA, et al. **Proc West Pharmacol Soc** 1984;27:329-32

Mechanism of the antihypertensive effect of TR2515, a potent serotonin antagonist. Hong E, et al. **Proc West Pharmacol Soc** 1984;27:1-4

The effects of alpha 1-adrenergic and muscarinic cholinergic stimulation on prostaglandin release by rabbit iris. Yousufzai SY, et al. **Prostaglandins** 1984 Sep;28(3):399-415

Hypothesis: on the similar prostaglandin mediation in the anti-hypertensive action of alpha- and beta- adrenoceptor antagonists; confusion of present system of receptor classification? Tan S, et al. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):305-8

Effects of methoxamine and alpha-adrenoceptor antagonists, prazosin and yohimbine, on the sleep-wake cycle of the rat. Pellejero T, et al. **Sleep** 1984;7(4):365-72

Inhibition of platelet production induced by an antiplatelet drug, anagrelide, in normal volunteers. Abe Andes W, et al. **Thromb Haemost** 1984 Dec 29;52(3):325-8

[Studies on the drug-receptor kinetics of dimethylcurine methylchloride] Li YK, et al. **Yao Hsueh Hsueh Pao** 1984 Apr;19(4):241-4 (Eng. Abstr.) **(Chi)**

[Antimalarial activity of some 2,4-diamino-6-substituted amino sulfonyl quinazoline derivatives] Zhou YQ, et al. **Yao Hsueh Hsueh Pao** 1984 Apr;19(4):245-50 (Eng. Abstr.) **(Chi)**

[Comparative study of the effects of prazosin and atenolol on plasma lipids of hypertensive patients] Rouffy J, et al. **Rev Med Interne** 1985 Jan;6(1):77-81 (Eng. Abstr.) **(Fre)**

[Aortic baroreceptor function in narcotized rabbits during alpha-adrenoceptor blockade with prazosin] Brattström A, et al. **Biomed Biochim Acta** 1984;43(7):987-93 (Eng. Abstr.) **(Ger)**

[The antianaphylactic effect of derivatives of 4-oxoquinazoline, 4-oxoquinazol-3-yl-benzoic acid and 4-oxoquinazol-3-yl-acetic acid in the rat] Grupe R, et al. **Pharmazie** 1984 Jul;39(7):484-6 (Eng. Abstr.) **(Ger)**

[Low-dose dopamine as an activator of renal catecholamine receptors of different classes. II. Studies in water-saline depletion and associated adrenergic blockade] Agnoli GC, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1949-54 (Eng. Abstr.) **(Ita)**

[Cardiovascular effect of a novel substance, 3-[2-[4-(o-methoxyphenyl)-1-piperazinyl] ethyl]-2,4 (1H, 3H)-quinazolinedione monohydrochloride (SGB 1534)] Uchida Y, et al. **Nippon Yakurigaku Zasshi** 1985 Jun; 85(6):447-51 (Eng. Abstr.) **(Jpn)**

[Baroreceptor reflexes after exposure to the hypotensive action of prazosin blocking postsynaptic alpha 1-adrenergic receptors] Manucharov S, et al. **Kardiologiia** 1985 Jan; 25(1):77-80 (Eng. Abstr.) **(Rus)**

POISONING

Acute intoxication with prazosin: case report. Lenz K, et al. **Hum Toxicol** 1985 Jan;4(1):53-6

THERAPEUTIC USE

RO13-6438, a new inotrope-vasodilator: systemic and coronary hemodynamic effects in congestive heart failure. Daly PA, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1539-44

Initial and long-term effects of prazosin on sympathetic vasopressor responses in essential hypertension. Khatri IM, et al. **Am J Cardiol** 1985 Apr 1;55(8):1015-8

Systemic and regional hemodynamic effects of acute and prolonged treatment with urapidil or prazosin in normotensive and spontaneously hypertensive rats. Pegram BL, et al. **Am J Med** 1984 Oct 5;77(4A):64-73

Clinical importance of the renin-angiotensin system in chronic heart failure: double blind comparison of captopril and prazosin. Bayliss J, et al. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1861-5

Effect of prazosin treatment on the cardiac sarcolemmal ATPase in failing heart due to mitral insufficiency in dogs. Prasad K, et al. **Cardiovasc Res** 1985 Jul;19(7):406-10

Prazosin ('Peripress'): a long-term study. Melkild A. **Curr Med Res Opin** 1984;9(4):219-28

Felodipine in comparison with prazosin in hypertensive patients inadequately controlled on beta-blockade. Westermann B, et al. **Drugs** 1985;29 Suppl 2:159-60

Proquazone for tension headache--a multicenter trial. DiSerio FJ, et al. **Headache** 1985 May;25(3):127-33

Prazosin does not alter levels of plasma lipids, glucose, and insulin. Cambien F, et al. **J Cardiovasc Pharmacol** 1985 May-Jun;7(3):516-9

The protective effect of prazosin on the ischaemic and reperfused myocardium. Nayler WG, et al. **J Mol Cell Cardiol** 1985 Jul;17(7):685-99

Prazosin treatment of Raynaud's phenomenon: a double blind single crossover study. Russell IJ, et al. **J Rheumatol** 1985 Feb;12(1):94-8

Distribution in man of 111In-labelled liposomes containing a water-insoluble antimitotic agent. Frühling J, et al. **Nucl Med Commun** 1984 Apr;5(4):205-8

Prazosin for refractory cardiac failure in children [letter] Netz H, et al. **Pediatr Cardiol** 1984;5(4):327-8

Prazosin, an alpha 1-adrenergic receptor antagonist, suppresses experimental autoimmune encephalomyelitis in the Lewis rat. Brosnan CF, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5915-9

Chemotherapy of bovine tropical theileriosis: Theileria annulata infection. Gill BS, et al. **Res Vet Sci** 1984 Sep; 37(2):247-8

Comparative antihypertensive and endocrinologic effects of clonidine and prazosin in patients with essential hypertension. Hubbell FA, et al. **South Med J** 1984 Oct; 77(10):1264-8

[Antihypertensive effectiveness of a domestically manufactured preparation of prazosin (Prazosin VUFB)] Mayer O, et al. **Vnitr Lek** 1984 Sep;30(9):884–92 (Eng. Abstr.) **(Cze)**

[Prazosin in the treatment of chronic cardiac insufficiency] Champoud O, et al. **Ann Med Interne (Paris)** 1985; 136(3):261–5 (Eng. Abstr.) **(Fre)**

[Lack of symptomatic and long-term hemodynamic effects of prazosin in chronic heart failure. Double-blind, randomized study over one year] Reifart N, et al. **Z Kardiol** 1985 Apr;74(4):205–12 (Eng. Abstr.) **(Ger)**

[Correlations between resting hemodynamics and exercise tolerance before and after prazosin therapy in patients with chronic congestive heart failure] Ogawa T, et al. **Kokyu To Junkan** 1985 Feb;33(2):171–7 (Eng. Abstr.) **(Jpn)**

[Clinical and polycardiographic evaluation of prazosin in the treatment of chronic congestive heart failure] Szmydt W, et al. **Pol Tyg Lek** 1984 Nov 12;39(46):1509–12 (Eng. Abstr.) **(Pol)**

[Chronic vasodilator treatment in heart failure. II. Prazosin therapy] Costică II, et al. **Rev Med Interna [Med Interna]** 1984 Sep–Oct; 36(5):397–403 (Eng. Abstr.) **(Rum)**

[Hypotensive effect and tolerability of a short course of treatment with prazosin (pratsiol) and hydralazine (apressin) in a cooperative study of new drugs for the prevention of arterial hypertension] **Kardiologiia** 1985 Jan; 25(1):23–8 (Eng. Abstr.) **(Rus)**

[Therapeutic value of pratsiol and its effect on indicators of central and peripheral hemodynamics in patients with hypertension] Erina EV, et al. **Kardiologiia** 1984 Jul; 24(7):52–6 (Eng. Abstr.) **(Rus)**

[Effect of obzidan and pratsiol therapy on the blood plasma lipid profile and on the high- and low-density lipoprotein apoproteins in hypertension patients] Oganov RG, et al. **Kardiologiia** 1985 Apr;25(4):44–8 (Eng. Abstr.) **(Rus)**

[Clinical effect of pratsiol in arterial hypertension] Kasherininov IuR. **Klin Med (Mosk)** 1985 Feb;63(2):67–9 (Eng. Abstr.) **(Rus)**

[Mechanism of action of dialkylaminoethylthiol derivatives of pyrimidine and quinazoline] Tregubenko IP, et al. **Radiobiologiia** 1984 Nov–Dec;24(6):838–42 (Eng. Abstr.) **(Rus)**

[Prazosin in 31 patients with primary arterial hypertension] Armijo G, et al. **Rev Med Chil** 1984 Sep;112(9):893–7 (Eng. Abstr.) **(Spa)**

QUINCKE'S EDEMA see **ANGIONEUROTIC EDEMA**

QUINESTROL see under **NORPREGNATRIENES**

QUINIC ACID

Molecular characterization of the qa–4 gene of Neurospora crassa. Rutledge BJ. **Gene** 1984 Dec;32(3):275–87

ANALOGS & DERIVATIVES

Studies on the activities of tannins and related compounds from medicinal plants and drugs. VI. Inhibitory effects of caffeoylquinic acids on histamine release from rat peritoneal mast cells. Kimura Y, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):690–6

ANALYSIS

[Quinic acid lactone in coffee] Hucke J, et al. **Z Lebensm Unters Forsch** 1985 Jun;180(6):479–84 (Eng. Abstr.) **(Ger)**

QUINIDINE

ADMINISTRATION & DOSAGE

Intravenous quinidine by intermittent bolus for electrophysiologic studies in patients with ventricular tachycardia. Torres V, et al. **Am Heart J** 1984 Dec; 108(6):1437–42

[Quinidine interactions with propranolol, phenytoin, verapamil and procainamide] Halawa B. **Pol Tyg Lek** 1984 Jun 11;39(24):823–6 (Eng. Abstr.) **(Pol)**

ADVERSE EFFECTS

Quinidine-induced neutropenia: report of a case with drug-dependent inhibition of granulocyte colony generation. Ascensao JL, et al. **Acta Haematol (Basel)** 1984; 72(5):349–54

Correlation of a quinidine-induced platelet-specific antibody with development of thrombocytopenia. Garty M, et al. **Am J Med** 1985 Aug;79(2):253–5

Procainamide, quinidine, and lupus erythematosus [letter] Amadio P Jr, et al. **Ann Intern Med** 1985 Mar;102(3):419

Quinidine photosensitivity. Armstrong RB, et al. **Arch Dermatol** 1985 Apr;121(4):525–8

Lupus anticoagulant in drug-induced systemic lupus erythematosus (SLE) [letter] Gastineau DA, et al. **Arch Intern Med** 1985 Oct;145(10):1926–7

Quinidine-induced lupus erythematosus [letter] Krainin MJ, et al. **Arch Intern Med** 1985 Sep;145(9):1740–1

Systemic lupus erythematosus (SLE) induced by quinidine. Lavie CJ, et al. **Arch Intern Med** 1985 Mar;145(3):446–8

Quinidine-induced digoxin toxicity after discontinuing digoxin in a patient with renal failure. Nigam SK, et al. **Clin Pharm** 1984 Nov–Dec;3(6):662–4

Quinidine-induced photosensitive livedo reticularis-like eruption. Bruce S, et al. **J Am Acad Dermatol** 1985 Feb; 12(2 Pt 1):332–6

Quinidine-induced organic mental disorders. Billig N, et al. **J Am Geriatr Soc** 1985 Jul;33(7):504–6

Fab-mediated binding of drug-dependent antibodies to platelets in quinidine- and quinine-induced thrombocytopenia. Christie DJ, et al. **J Clin Invest** 1985 Jan;75(1):310–4

Another problem with Kinidin [letter] Barbato M. **Med J Aust** 1984 Nov 10;141(10):685

Hypotension after quinidine plus verapamil. Possible additive competition at alpha-adrenergic receptors. Maisel AS, et al. **N Engl J Med** 1985 Jan 17;312(3):167–70

Quinidine induced lupus syndrome. McCormack GD, et al. **Semin Arthritis Rheum** 1985 Aug;15(1):73–9

Mexiletine: long-term follow-up of a patient with prolonged QT interval and quinidine-induced torsades de pointes. Thomas MG, et al. **South Med J** 1985 Feb;78(2):205–6

ANALOGS & DERIVATIVES

Plasmodium falciparum malaria and intravenous quinidine gluconate [letter] Agosti JM, et al. **Ann Intern Med** 1985 Aug;103(2):307

Holter monitoring comparative assessment of propafenone and dihydroquinidine efficacy in the treatment of premature ventricular beats. Rizzon P, et al. **Boll Soc Ital Cardiol** 1983 Sep;28(9):791–801

Lorcainide. A comparative trial with quinidine gluconate in patients with previously untreated ventricular arrhythmias. Falk RH, et al. **Chest** 1984 Oct;86(4):537–40

Dihydroquinidine versus disopyramide: efficacy in patients with chronic stable ventricular ectopy. Chimienti M, et al. **Clin Cardiol** 1984 Oct;7(10):538–46

Kinetics and electrocardiographic changes after oral 3–OH–quinidine in healthy subjects. Vožeh S, et al. **Clin Pharmacol Ther** 1985 May;37(5):575–81

Bioavailability of two manufacturers' sustained-release quinidine gluconate tablets at steady state. Zinny MA, et al. **Clin Ther** 1984;7(1):22–7

Pharmacokinetics and pharmacodynamics of quinidine and its metabolite, quinidine–N–oxide, in beagle dogs. Rakhit A, et al. **Eur J Drug Metab Pharmacokinet** 1984 Oct–Dec; 9(4):315–24

Elimination kinetic of high polar metabolites pool of quinidine from human serum. Camsonne R, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Feb;23(2):74–5

Liquid chromatographic determination of quinine, hydroquinine, saccharin, and sodium benzoate in quinine beverages. Valenti LP. **J Assoc Off Anal Chem** 1985 Jul–Aug;68(4):782–4

Analysis of Cinchona alkaloids by high-performance liquid chromatography. Application to the analysis of quinidine gluconate and quinidine sulfate and their dosage forms. Smith E. **J Chromatogr** 1984 Sep 7;299(1):233–44

Intravenous quinidine gluconate in the treatment of severe Plasmodium falciparum infections. **MMWR** 1985 Jun 21; 34(24):371

Intravenous quinidine for the treatment of severe falciparum malaria. Clinical and pharmacokinetic studies. Phillips RE, et al. **N Engl J Med** 1985 May 16;312(20):1273–8

A simple fluorescence high-performance liquid chromatographic assay for dihydroquinidine in serum. Camsonne R, et al. **Ther Drug Monit** 1984;6(4):471–3

[Human pharmacokinetic study of a sustained-release preparation of hydroquinidine: single and chronic administration] Flouvat B, et al. **Therapie** 1984 Jul–Aug; 39(4):337–44 (Eng. Abstr.) **(Fre)**

ANALYSIS

Analysis of Cinchona alkaloids by high-performance liquid chromatography. Application to the analysis of quinidine gluconate and quinidine sulfate and their dosage forms. Smith E. **J Chromatogr** 1984 Sep 7;299(1):233–44

Specific immunoassays for quinine and quinidine: comparison of radioimmunoassay and enzyme-linked immunosorbent assay procedures. Morgan MR, et al. **Planta Med** 1985 Jun; (3):237–41

BLOOD

Nifedipine-induced alterations in serum quinidine concentrations. Farringer JA, et al. **Am Heart J** 1984 Dec; 108(6):1570–2

Factors affecting quinidine protein binding in humans. Edwards DJ, et al. **J Pharm Sci** 1984 Sep;73(9):1264–7

Correlation of electrocardiographic changes with plasma quinidine concentration. Gonzalez ER, et al. **Nebr Med J** 1985 Mar;70(3):87–91

Competitive binding of quinidine, propranolol, and 4–OH–propranolol to human plasma very low-density (VLDL) and low-density (LDL) lipoproteins. Ho Ngoc-Ta Trung A, et al. **Pharm Acta Helv** 1985; 60(4):106–9

IMMUNOLOGY

Structural features of the quinidine and quinine molecules necessary for binding of drug-induced antibodies to human platelets. Christie DJ, et al. **J Lab Clin Med** 1984 Nov; 104(5):730–40

METABOLISM

Quinidine–digoxin interaction: are the pharmacokinetics of both drugs altered? Rameis H. **Int J Clin Pharmacol Ther Toxicol** 1985 Mar;23(3):145–53

Disopyramide and quinidine bind with inverse selectivity to muscarinic receptors in cardiac and extracardiac rat tissues. Schreiber G, et al. **J Cardiovasc Pharmacol** 1985 Mar–Apr; 7(2):390–3

Microbiological transformation of quinidine. Eckenrode FM. **J Nat Prod** 1984 Sep–Oct;47(5):882–4

Pharmacokinetics of pentobarbital, quinidine, lidocaine, and theophylline in the thermally injured rat. Fruncillo RJ, et al. **J Pharm Sci** 1984 Aug;73(8):1117–21

Induction of quinidine metabolism and plasma protein binding by phenobarbital in dogs. Rakhit A, et al. **J Pharmacokinet Biopharm** 1984 Oct;12(5):495–515

Kinetics of microsomal metabolism of quinidine in rats. Rakhit A, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jul;49(1):109–24

Effect of cimetidine on quinidine clearance. Kolb KW, et al. **Ther Drug Monit** 1984;6(3):306–12

[Interrelations between quinidine distribution in the brain and myocardial arrhythmogenic readiness to aconitine and calcium chloride in postnatal ontogeny] Kuz'min AF, et al. **Farmakol Toksikol** 1985 Mar–Apr;48(2):59–63 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Quinidine. Mason JW, et al. **Ann NY Acad Sci** 1984; 432:162–76 (54 ref.)

Effect of some beta adrenergic blocking agents and phenytoin on potentiation of quinidine antiarrhythmic activity in the mouse. Lawson JW. **Arch Int Pharmacodyn Ther** 1984 Jul; 270(1):106–15

Interactions of quinidine and lidocaine with rat brain and heart muscarinic receptors. Cohen-Armon M, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):326–32

A comparison of the effects of bethanidine, meobentine and quinidine on the electrical activity of rat hearts in vivo and in vitro. Northover BJ. **Br J Pharmacol** 1985 Mar; 84(3):755–63

Evidence for a specific receptor site for lidocaine, quinidine, and bupivacaine associated with cardiac sodium channels in guinea pig ventricular myocardium. Clarkson CW, et al. **Circ Res** 1985 Apr;56(4):496–506

Action potential prolongation and induction of abnormal automaticity by low quinidine concentrations in canine Purkinje fibers. Relationship to potassium and cycle length. Roden DM, et al. **Circ Res** 1985 Jun;56(6):857–67

Quinidine-induced changes in serum and skeletal muscle digoxin concentration; evidence of saturable binding of digoxin to skeletal muscle. Jogestrand T, et al. **Eur J Clin Pharmacol** 1984;27(5):571–5

Pharmacokinetics and pharmacodynamics of quinidine and its metabolite, quinidine–N–oxide, in beagle dogs. Rakhit A, et al. **Eur J Drug Metab Pharmacokinet** 1984 Oct–Dec; 9(4):315–24

Comparison of the electrophysiological effects of 4–aminoquinoline, quinidine and lidocaine on frog atrial contractile fibres. Guerrero S, et al. **Gen Pharmacol** 1984; 15(5):385–9

Tissue digoxin concentrations and digoxin effect during the quinidine–digoxin interaction. Warner NJ, et al. **J Am Coll Cardiol** 1985 Mar;5(3):680–6

Comparative cardiac electrophysiologic study of PK 10139, a new antiarrhythmic agent, and quinidine in anesthetized dogs: plasma concentration-response relationships. Heckle J, et al. **J Cardiovasc Pharmacol** 1985 Jan–Feb;7(1):18–25

Are the sympathetic neural effects of digoxin and quinidine involved in their action on cardiac rhythm? Lathers CM, et al. **J Cardiovasc Pharmacol** 1985 Mar–Apr;7(2):350–60

The influence of chemical agents on the level of ionized [Ca2+] in squid axons. Requena J, et al. **J Gen Physiol** 1985 Jun;85(6):789–804

Digoxin quinidine interaction: a pharmacokinetic study in the isolated perfused rat liver. Ben-Itzhak J, et al. **Life Sci** 1985 Aug 5;37(5):411–5

Inhibitory effects of quinidine on rat heart muscarinic receptors. Waelbroeck M, et al. **Life Sci** 1984 Sep 3; 35(10):1069–76

Intracellular mechanism of quinidine action on muscle contraction. A comparison between rabbit cardiac and skeletal muscle. Su JY, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Jul; 326(4):375–81

Quinidine and lidocaine: activation and inactivation block. Hondeghem LM, et al. **Proc West Pharmacol Soc** 1984; 27:19–21

POISONING

When to leave well enough alone—two cases. Smally AJ. **Hosp Pract [Off]** 1985 Jan 30;20(1A):48–9

THERAPEUTIC USE

Comparison of acebutolol with propranolol, quinidine, and placebo: results of three multicenter arrhythmia trials. Chandraratna PA. **Am Heart J** 1985 May;109(5 Pt 2):1198–204

Paroxysmal nonreentrant tachycardia due to simultaneous conduction via dual atrioventricular nodal pathways. Sutton FJ, et al. **Am Heart J** 1985 Jan;109(1):157–9

Efficacy of propafenone compared with quinidine in chronic ventricular arrhythmias. Dinh HA, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1520–4

Intravenous quinidine: relations among concentration, tachyarrhythmia suppression and electrophysiologic actions with inducible sustained ventricular tachycardia. Duff HJ, et al. **Am J Cardiol** 1985 Jan 1;55(1):92–7

Combination of procainamide and quinidine for better tolerance and additive effects for ventricular arrhythmias. Kim SG, et al. **Am J Cardiol** 1985 Jul 1;56(1):84–8

Evaluation of quinidine short and long-acting in control of arrhythmias. Coodley E, et al. **Angiology** 1984 Sep; 35(9):581–90

Kenyan chloroquin, fansidar and quninine resistant P. Falciparum [letter] Turner GD. **Cent Afr J Med** 1984 Jul; 30(7):136–7

Combined administration of propranolol and quinidine in the conversion of paroxysmal atrial fibrillation. Antonelli D, et al. **Clin Cardiol** 1985 Mar;8(3):152–3

Intraindividual comparison of intravenous ajmaline and quinidine in patients with sustained ventricular tachycardia: effects on normal myocardium and on arrhythmia characteristics. Lengfelder W, et al. **Eur Heart J** 1985 Apr; 6(4):312–22

Independent and interactive effects of digoxin and quinidine on the atrial fibrillation threshold in dogs. Gold RL, et al. **J Am Coll Cardiol** 1985 Jul;6(1):119–23

Diltiazem, verapamil, and quinidine in patients with chronic atrial fibrillation. Ochs HR, et al. **J Clin Pharmacol** 1985 Apr;25(3):204–9

Characterization of impact-induced tachyarrhythmia utilizing propranolol, quinidine and pacing. Lau IV. **J Electrocardiol** 1985 Apr;18(2):151–6

Hydrops from reciprocating atrioventricular tachycardia in a 27-week fetus requiring quinidine for conversion. Guntheroth WG, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):29S–33S

Fetal supraventricular tachycardia: in utero therapy with digoxin and quinidine. Spinnato JA, et al. **Obstet Gynecol** 1984 Nov;64(5):730–5

Comparative study of mexiletine and quinidine in the treatment of ventricular ectopia. Assey ME, et al. **South Med J** 1985 May;78(5):565–8

[Treatment and prevention of paroxysmal atrial fibrillation and flutter with quinidine retard] Petrova V, et al. **Vutr Boles** 1985;24(3):83–8 (Eng. Abstr.) **(Bul)**

[A clinical analysis of quinidine treatment in 210 cases of tachyarrhythmia] Sun JP. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Sep; 12(3):192–5, 239 (Eng. Abstr.) **(Chi)**

[Comparative study of a slow-release quinidine preparation and flecainide administered in 2 daily doses for the treatment of extrasystole] Clémenty J, et al. **Ann Cardiol Angeiol (Paris)** 1984 Oct;33(6):401–5 (Eng. Abstr.) **(Fre)**

QUININE

A nuclear magnetic resonance study of the interactions of antimalarial drugs with porphyrins. Moreau S, et al. **Biochim Biophys Acta** 1985 May 29;840(1):107–16

ADMINISTRATION & DOSAGE

Efficacy of single dose quinine as presumptive treatment in P. falciparum malaria. Sharma GK, et al. **Indian J Malariol** 1985 Jun;22(1):29–34

Dangers of high-dose quinine and overhydration in severe malaria [letter] Hall A. **Lancet** 1985 Jun 22;1(8443):1453–4

[Use of ultrasonics and ophthalmic drug films in the treatment of corneal injuries] Nedel'ka AF. **Oftalmol Zh** 1985;(1):42–3 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Ototoxicity: a contemporary review of aminoglycosides, loop diuretics, acetylsalicylic acid, quinine, erythromycin, and cisplatinum. Koegel L Jr. **Am J Otol** 1985 Mar;6(2):190–9

Transient total blindness from quinine therapy. Migasena S. **Ann Trop Med Parasitol** 1985 Feb;79(1):109–10

Fab-mediated binding of drug-dependent antibodies to platelets in quinidine- and quinine-induced thrombocytopenia. Christie DJ, et al. **J Clin Invest** 1985 Jan;75(1):310–4

Clinical observations of ocular quinine intoxication. Yospaiboon Y, et al. **Jpn J Ophthalmol** 1984;28(4):409–15

Thomas Sydenham and quinine syncope? [letter] Ouzts HG, et al. **Lancet** 1985 May 11;1(8437):1112

Ocular toxicity of quinine. Fong LP, et al. **Med J Aust** 1984 Oct 13;141(8):528–9

[Photoallergy to quinine] Jeanmougin M, et al. **Ann Dermatol Venereol** 1984;111(6–7):565–7 (Eng. Abstr.) **(Fre)**

[Immediate hypersensitivity to quinine] Pin I, et al. **Presse Med** 1985 Apr 27;14(17):967–9 (Eng. Abstr.) **(Fre)**

ANALOGS & DERIVATIVES

Optochin sensitivity of beta-haemolytic streptococci group A [letter] Burgess GH, et al. **J Clin Pathol** 1985 Feb; 38(2):235

[Comparison of various methods for the identification of pneumococci based on optochin sensitivity] Koch H, et al. **Z Erkr Atmungsorgane** 1985;164(2):182–5 (Eng. Abstr.) **(Ger)**

ANALYSIS

Liquid chromatographic determination of quinine, hydroquinine, saccharin, and sodium benzoate in quinine beverages. Valenti LP. **J Assoc Off Anal Chem** 1985 Jul–Aug;68(4):782–4

Determination of quinine in beverages, pharmaceutical preparations and urine by isotachophoresis. Reijenga JC, et al. **J Chromatogr** 1985 Feb 22;320(1):245–52

Specific immunoassays for quinine and quinidine: comparison of radioimmunoassay and enzyme-linked immunosorbent assay procedures. Morgan MR, et al. **Planta Med** 1985 Jun; (3):237–41

[Simultaneous determination of quinine hydrochloride, phenacetin and caffeine in mixtures using spectrophotometry] Santoni G, et al. **Boll Chim Farm** 1984 Nov;123(11):539–43 (Eng. Abstr.) **(Ita)**

IMMUNOLOGY

Structural features of the quinidine and quinine molecules necessary for binding of drug-induced antibodies to human platelets. Christie DJ, et al. **J Lab Clin Med** 1984 Nov; 104(5):730–40

METABOLISM

Binding of quinine to plasma proteins in falciparum malaria. Silamut K, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):681–6

Effect of fluid volume on the gastric emptying and absorption of quinine in mice, rabbits and humans. Tsuzuki O, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3199–204

Pharmacokinetics of quinine in children. Shann F, et al. **J Pediatr** 1985 Mar;106(3):506–10

PHARMACODYNAMICS

Effects of noise and quinine on the vessels of the stria vascularis: an image analysis study. Smith DI, et al. **Am J Otolaryngol** 1985 Jul–Aug;6(4):280–9

Electronystagmographic findings in long-term low-dose quinine ingestion. A preliminary report. Zajtchuk JT, et al. **Arch Otolaryngol** 1984 Dec;110(12):788–91

Quinine blocks a calcium-activated potassium conductance in mammalian enteric neurones. Cherubini E, et al. **Br J Pharmacol** 1984 Sep;83(1):3–5

Quinine inhibits Ca2+-independent K+ channels whereas tetraethylammonium inhibits Ca2+-activated K+ channels in insulin-secreting cells. Findlay I, et al. **FEBS Lett** 1985 Jun 3;185(1):4–8

Differential effects of the K+ channel blockers apamin and quinine on glucose-induced electrical activity in pancreatic beta-cells from a strain of ob/ob (obese) mice. Rosario LM. **FEBS Lett** 1985 Sep 2;188(2):302–6

Effect of quinine on phagocytic functions of normal rhesus monkey (Macaca mulatta) monocytes. Prasad RN, et al. **Indian J Med Res** 1984 Apr;79:550–3

Effects of quinine on K+ transport in heart mitochondria. Jung DW, et al. **J Bioenerg Biomembr** 1984 Dec; 16(5–6):379–90

Protective effect of organic cation transport inhibitors on cis-diamminedichloroplatinum-induced nephrotoxicity. Bird JE, et al. **J Pharmacol Exp Ther** 1984 Dec;231(3):752–8

Effects of apamin, quinine and neuromuscular blockers on calcium-activated potassium channels in guinea-pig hepatocytes. Cook NS, et al. **J Physiol (Lond)** 1985 Jan; 358:373–94

Enhancement of behavioral effect and acute toxicity of methamphetamine by quinine in rats. Suzuki T, et al. **Jpn J Pharmacol** 1984 Jul;35(3):273–7

Norepinephrine-facilitated eating: reduction in saccharin preference and conditioned flavor preferences with increase in quinine aversion. Matthews JW, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):1045–52

Different effects of cardioplegic solution HTK during single or intermittent administration. Gebhard MM, et al. **Thorac Cardiovasc Surg** 1984 Oct;32(5):271–6

[Drug sensitivity of Plasmodium falciparum in Madagascar. V. Study of the in vitro activity of quinine, mefloquine and halofantrine] Deloron P, et al. **Arch Inst Pasteur Madagascar** 1984;51(1):81–7 (Eng. Abstr.) **(Fre)**

POISONING

Death and blindness due to overdose of quinine. Dyson EH, et al. **Br Med J [Clin Res]** 1985 Jul 6;291(6487):31–3

Quinine for night cramps [editorial] Henry J. **Br Med J [Clin Res]** 1985 Jul 6;291(6487):3

Management of quinine overdose. Browne GF, et al. **Hum Toxicol** 1984 Oct;3(5):399–402

Complications of quinine poisoning. Boland ME, et al. **Lancet** 1985 Feb 16;1(8425):384–5

Quinine amblyopia treated by combined haemodialysis and activated resin haemoperfusion [letter] Gibbs JL, et al. **Lancet** 1985 Mar 30;1(8431):752–3

Resin haemoperfusion for quinine poisoning [letter] Heath A. **Lancet** 1985 May 25;1(8439):1224

Ocular toxicity of quinine [letter] Lockie P. **Med J Aust** 1984 Dec 8–22;141(12–13):902

Pharmacokinetics and clinical toxicity of quinine overdosage: lack of efficacy of techniques intended to enhance elimination. Bateman DN, et al. **Q J Med** 1985 Feb; 54(214):125–31

[Therapeutic problems in quinine poisoning. A clinical case] Fontana GC, et al. **Minerva Anestesiol** 1984 Nov; 50(11):569–72 (Eng. Abstr.) **(Ita)**

THERAPEUTIC USE

Quinine for night cramps [letter] **Br Med J [Clin Res]** 1985 Jul 27;291(6490):281–2

Quinine and severe falciparum malaria in late pregnancy. Looareesuwan S, et al. **Lancet** 1985 Jul 6;2(8445):4–8

RI quinine-Fansidar resistant falciparum malaria from Malawi [letter] Warhurst DC, et al. **Lancet** 1985 Aug 10; 2(8450):330

[The treatment of malaria] Overbosch D, et al. **Ned Tijdschr Geneeskd** 1984 Dec 15;128(50):2360–4 **(Dut)**

[P. falciparum malaria contracted in Burundi, resistant to chloroquine and diminished sensitivity to quinine] Matheron S, et al. **Bull Soc Pathol Exot Filiales** 1984 Jul–Aug;77(4):466–8 (Eng. Abstr.) **(Fre)**

[Treatment of cerebral circulatory insufficiency. Double-blind study of the efficacy of a quinine-papaverine combination] Klemm J. **Fortschr Med** 1984 Oct 18; 102(39):1000–2 (Eng. Abstr.) **(Ger)**

QUINOLINES

Cross-linking of bacteriorhodopsin using specific carboxyl modifications and proteolytic cleavage. Wu-Chou S, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):565–71

Determination of the sidedness of carbocyanine dye labeling of membranes. Wolf DE. **Biochemistry** 1985 Jan 29; 24(3):582–6

Movement of a fluorescent lipid label from a labeled erythrocyte membrane to an unlabeled erythrocyte membrane following electric-field-induced fusion. Sowers AE. **Biophys J** 1985 Apr;47(4):519–25

Cyanine and safranine dyes as membrane potential probes in cytochrome c oxidase reconstituted proteoliposomes. Singh AP, et al. **J Biochem Biophys Methods** 1985 Aug; 11(2–3):95–108

The interaction of calmodulin with the carbocyanine dye (Stains-all). Caday CG, et al. **J Biol Chem** 1985 May 25; 260(10):5985–90

Immobilization of ligands for affinity chromatography. Coupling on a spacer arm gel with N-ethoxycarbonyl-2-ethoxy-1,2-dihydroquinoline as condensation agent: study of coupling conditions by means of a radioimmunologic method. Maingault P, et al. **J Chromatogr** 1984 Nov 30;314:445–9

Interactions involving the cyanine dye, diS-C3-(5), cytochrome c and liposomes and their implications for estimations of delta psi in cytochrome c oxidase-reconstituted proteoliposomes. Singh AP, et al. **J Membr Biol** 1985;84(2):183–90

A new method of monitoring membrane potential in rat hippocampal slices using cyanine voltage-sensitive dyes. Dasheiff RM. **J Neurosci Methods** 1985 May; 13(3–4):199–212

[Preparation of 4-phenoxy and 4-phenylthio derivatives of 1H-pyrazolo[3,4-b]-quinoline with an antiviral effect] Rádl S, et al. **Cesk Farm** 1985 May;34(3–4):119–22 (Eng. Abstr.) **(Cze)**

ADMINISTRATION & DOSAGE

The chemotherapy of rodent malaria XXXV. Further studies on the retardation of drug resistance by the use of a triple combination of mefloquine, pyrimethamine and sulfadoxine in mice infected with P. berghei and 'P. berghei NS'. Peters W, et al. **Ann Trop Med Parasitol** 1984 Oct;78(5):459–66

A double-blind clinical trial of a combination of mefloquine, sulfadoxine and pyrimethamine in symptomatic falciparum malaria. Ekue JM, et al. **Bull WHO** 1985;63(2):339–43

Interaction between ciprofloxacin and tobramycin or azlocillin against multiresistant strains of Acinetobacter anitratum in vitro [letter] Overbeek BP, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):140–1

Trials of mefloquine in vivax and of mefloquine plus 'fansidar' in falciparum malaria. Harinasuta T, et al. **Lancet** 1985 Apr 20;1(8434):885–8

Randomised comparative study of mefloquine, qinghaosu, and pyrimethamine-sulfadoxine in patients with falciparum malaria. Li GQ, et al. **Lancet** 1984 Dec 15;2(8416):1360–1

Combination of mefloquine with sulfadoxine-pyrimethamine compared with two sulfadoxine-pyrimethamine combinations in malaria chemoprophylaxis. Win K, et al. **Lancet** 1985 Sep 28;2(8457):694–5

ANALYSIS

Determination of methyl benzoquate in poultry feedingstuffs using high-performance liquid chromatography. Merson GH, et al. **Analyst** 1985 Jul;110(7):761–4

Comparison of high-pressure liquid chromatography and bioassay for determination of ciprofloxacin in serum and urine. Joos B, et al. **Antimicrob Agents Chemother** 1985 Mar;27(3):353–6

Analysis of amifloxacin in plasma and urine by high-pressure liquid chromatography and intravenous pharmacokinetics in rhesus monkeys. McCoy LF, et al. **Antimicrob Agents Chemother** 1985 May;27(5):769-73

Quantitation of ciprofloxacin in body fluids by high-pressure liquid chromatography. Weber A, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):531-4

An electron-nuclear double-resonance study of methanol dehydrogenase and its coenzyme radical. Duine JA, et al. **Arch Biochem Biophys** 1984 Sep;233(2):708-11

Quantification of 2-amino-3-methylimidazo[4,5-f]quinoline (IQ) and 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline (MeIQx) in beef extracts by liquid chromatography with electrochemical detection (LCEC). Takahashi M, et al. **Carcinogenesis** 1985 Aug;6(8):1195-9

Ciprofloxacin concentrations in tonsils following a single intravenous infusion. Falser N, et al. **Infection** 1984 Sep-Oct;12(5):355-7

Liquid chromatographic determination of 2-(2-quinolinyl)-1H-indene-1,3-[2H]-dione and other organic-soluble matter in D&C Yellow No. 10. Goldberg AL. **J Assoc Off Anal Chem** 1985 May-Jun;68(3):477-9

High-performance liquid chromatographic method for determination of ciprofloxacin in biological fluids. Jehl F, et al. **J Chromatogr** 1985 May 3;339(2):347-57

High-performance liquid chromatographic procedure for the determination of a new positive inotropic agent, 3,4-dihydro-6-[4-(3,4-(dimethoxybenzoyl)-1-piperazinyl] quinolinone, in human plasma and urine. Miyamoto G, et al. **J Chromatogr** 1985 Mar 22;338(2):450-5

ANTAGONISTS & INHIBITORS

Clozapine blocks disruptive and discriminative stimulus effects of quipazine. Friedman RL, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):191-3

BLOOD

Release of a fluorescent probe as an indicator of lysosomal granule secretion by thrombin-stimulated human platelets. Greenberg-Sepersky SM, et al. **Anal Biochem** 1985 May 15;147(1):57-62

Dose- and sex-independent disposition of ciprofloxacin. Höffler D, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):363-6

Pharmacokinetics of ciprofloxacin after oral and intravenous administration in healthy volunteers. Wingender W, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):355-9

Gas chromatographic determination of mefloquine in human and dog plasma using electron-capture detection. Dadgar D, et al. **J Chromatogr** 1985 Jan 11;337(1):47-54

Determination of the antimalarial mefloquine in human plasma by gas chromatography with electron-capture detection. Heizmann P, et al. **J Chromatogr** 1984 Nov 28;311(2):411-7

CHEMICAL SYNTHESIS

Synthesis of antimicrobial agents. VII. Synthesis and antibacterial activities of furo [2,3-g]quinoline derivatives. Tanaka Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Dec;32(12):4923-8

Studies on positive inotropic agents. I. Synthesis of 3,4-dihydro-6-[4-(3,4-dimethoxybenzoyl)-1-piperazinyl]-quinolinone and related compounds. Tominaga M, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2100-10

Octahydrobenzo[g]quinolines: potent dopamine agonists which show the relationship between ergolines and apomorphine. Nordmann R, et al. **J Med Chem** 1985 Mar;28(3):367-75

Synthesis of N,N'-disubstituted N''-2-(2-quinolinylmethylthio)ethylguanidines as potential anticancer agents. Foye WO, et al. **J Pharm Sci** 1984 Aug;73(8):1168-70

Preparation of alkoxyquinoline derivatives and their evaluation as potential central nervous system stimulants. el-Kerdawy M, et al. **J Pharm Sci** 1984 Nov;73(11):1652-3

[Synthesis and antibacterial activity of azomethino and aminomethyl derivatives of 2,7-dimethoxyquinolin-3-carboxaldehyde] Gatti R, et al. **Boll Chim Farm** 1985 Feb;124(2):69-74 (Eng. Abstr.) **(Ita)**

[Synthesis of potential antitumor agents: nitrogen mustards based on quinoline] Pellerano C, et al. **Farmaco [Sci]** 1984 Aug;39(8):681-5 (Eng. Abstr.) **(Ita)**

[Synthesis and biological activity of new compounds with the 1,3-dioxol(4,5-g)quinoline structure] Pellerano C, et al. **Farmaco [Sci]** 1984 Jul;39(7):640-8 (Eng. Abstr.) **(Ita)**

DIAGNOSTIC USE

Specificity of intestinal brush-border proline transport: cyanine dye studies. Wright EM, et al. **Biochim Biophys Acta** 1985 Aug 27;818(2):271-4

Mechanism of fluorescent response of the probe diS-C3-(5) to transmembrane potential changes in a lecithin vesicle suspension. Ivkova MN, et al. **Gen Physiol Biophys** 1984 Apr;3(2):97-117

Membrane potential and catecholamine secretion by bovine adrenal chromaffin cells: use of tetraphenylphosphonium distribution and carbocyanine dye fluorescence. Friedman JE, et al. **J Neurochem** 1985 May;44(5):1391-402

ISOLATION & PURIFICATION

Liquid-chromatographic determination of ciprofloxacin in serum and urine. Nix DE, et al. **Clin Chem** 1985 May;31(5):684-6

Quinoline alkaloids from Anthocephalus chinensis. Handa SS, et al. **Planta Med** 1984 Aug;50(4):358

METABOLISM

Pharmacokinetics of three oral formulations of ciprofloxacin. Davis RL, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):74-7

Multiple-dose pharmacokinetics and safety of ciprofloxacin in normal volunteers. Gonzalez MA, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):741-4

Pharmacokinetics of ciprofloxacin after oral and parenteral administration. Höffken G, et al. **Antimicrob Agents Chemother** 1985 Mar;27(3):375-9

Metabolism and disposition of amifloxacin in laboratory animals. Johnson JA, et al. **Antimicrob Agents Chemother** 1985 May;27(5):774-81

Effect of standard breakfast on drug absorption and multiple-dose pharmacokinetics of ciprofloxacin. Ledergerber B, et al. **Antimicrob Agents Chemother** 1985 Mar;27(3):350-2

Ciprofloxacin penetration into extravascular spaces in a rabbit model. Nichol KL, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):935-6

Pharmacokinetics of intravenously administered ciprofloxacin. Wise R, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):208-10

The use of [3H]aniline to identify the essential carboxyl group in the bovine mitochondrial F1-ATPase that reacts with 1-(ethoxycarbonyl)-2-ethoxy-1,2-dihydroquinoline. Laikind PK, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):904-20

Studies on the mechanism of action of methoxatin-requiring methanol dehydrogenase: reaction of enzyme with electron-acceptor dye. Parkes C, et al. **Biochemistry** 1984 Dec 18;23(26):6355-63

Peptide transport in rabbit intestinal brush-border membrane vesicles studied with a potential-sensitive dye. Ganapathy V, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):234-40

Autoradiographic distribution of 14C-labeled 3H-imidazo[4,5-f]quinoline-2-amines in mice. Bergman K. **Cancer Res** 1985 Mar;45(3):1351-6

Ciprofloxacin distribution in prostatic tissue and fluid following oral administration. Boerema JB, et al. **Chemotherapy** 1985;31(1):13-8

Multiple-dose ciprofloxacin dose ranging and kinetics. Gonzalez MA, et al. **Clin Pharmacol Ther** 1985 Jun;37(6):633-7

Disposition of benzo(f)quinoline in male rats. Birnbaum LS, et al. **Drug Metab Dispos** 1985 Jan-Feb;13(1):18-24

Diffusion of ciprofloxacin into prostatic fluid. Dalhoff A, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):360-2

Reduced enteral absorption of ciprofloxacin in the presence of antacids [letter] Höffken G, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):345

Pharmacokinetics and bioavailability of viqualine, a new antidepressant. Fourtillan JB, et al. **Eur J Drug Metab Pharmacokinet** 1985 Jan-Mar;10(1):3-10

Tissue distribution of ciprofloxacin following oral and intravenous administration. Dalhoff A, et al. **Infection** 1985 Mar-Apr;13(2):78-81

Intraprostatic concentration of ciprofloxacin and its activity against urinary pathogens. Hoogkamp-Korstanje JA, et al. **J Antimicrob Chemother** 1984 Dec;14(6):641-5

Advantages and disadvantages of an in-vitro model with two compartments connected by a dialyser: results of experiments with ciprofloxacin. Reeves DS. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:159-67

Uptake of ciprofloxacin by macrophages. Easmon CS, et al. **J Clin Pathol** 1985 Apr;38(4):442-4

The pharmacokinetics and serum and urine bactericidal activity of ciprofloxacin. Brittain DC, et al. **J Clin Pharmacol** 1985 Mar;25(2):82-8

Fate of the food mutagen 2-amino-3-methylimidazo[4,5-f]quinoline (IQ) in Sprague-Dawley rats. I. Mutagens in the urine. Barnes WS, et al. **Mutat Res** 1985 Apr-May;156(1-2):83-91

Biochemical evidence that 2-phenyl-4[(4-piperidinyl) ethyl]quinoline, a quinoline derivative with pure anticonflict properties, is a partial agonist of benzodiazepine receptors. Benavides J, et al. **Neuropharmacology** 1984 Oct;23(10):1129-36

Amifloxacin distribution in the dog prostate. Frimodt-Møller PC, et al. **Prostate** 1985;6(2):163-8

Distribution of ciprofloxacin in the dog prostate and various tissues. Frimodt-Møller PC, et al. **Urol Res** 1984;12(6):283-6

The metabolism of cilostamide in the rat in vitro and in vivo. Shimizu T, et al. **Xenobiotica** 1985 Jan;15(1):21-9

Conjugation of disodium 6-chloro-4-oxo-10-propyl-4H-pyrano[3,2-g]quinoline-2, late with glutathione in the rat. Smith DA, et al. **Xenobiotica** 1985 May;15(5):437-44

[Ciprofloxacine: evaluation of its biliary elimination in man] Brogard JM, et al. **Schweiz Med Wochenschr** 1985 Mar 30;115(13):448-53 (Eng. Abstr.) **(Fre)**

PHARMACODYNAMICS

Inhibition of doxorubicin-induced liver toxicity by a new dihydroquinoline type antioxidant. Sréter I, et al. **Acta Physiol Hung** 1984;64(3-4):431-5

Liver lipid peroxidation induced by cholesterol and its treatment with a dihydroquinoline type free radical scavenger in rabbits. Sulyok S, et al. **Acta Physiol Hung** 1984;64(3-4):437-42

Activities of new quinoline derivatives against genital pathogens. Aznar J, et al. **Antimicrob Agents Chemother** 1985 Jan;27(1):76-8

Changes in the pharmacokinetics of ciprofloxacin and fecal flora during administration of a 7-day course to human volunteers. Brumfitt W, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):757-61

In vitro and in vivo antibacterial activities of the fluoroquinolone WIN 49375 (amifloxacin). Cornett JB, et al. **Antimicrob Agents Chemother** 1985 Jan;27(1):4-10

In vitro activity of WIN 49375 compared with those of other antibiotics in isolates from cancer patients. Garcia I, et al. **Antimicrob Agents Chemother** 1984 Sep;26(3):421-3

Comparative activity of the quinolones against anaerobic bacteria isolated at community hospitals. Goldstein EJ, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):657-9

Susceptibility of multiply antibiotic-resistant pneumococci to the new quinoline antibiotics, nalidixic acid, coumermycin, and novobiocin. Gombert ME, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):933-4

Effects of changes in pH, medium, and inoculum size on the in vitro activity of amifloxacin against urinary isolates of Staphylococcus saprophyticus and Escherichia coli. Iravani A, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):449-51

Amifloxacin activity against well-defined gentamicin-resistant, gram-negative bacteria. John JF Jr, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):781-4

In vitro activities of the spectinomycin analog U-63366 and four quinolone derivatives against Neisseria gonorrhoeae. Peeters M, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):608-9

In vitro susceptibility of anaerobic bacteria to ciprofloxacin (Bay o 9867). Prabhala RH, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):785-6

In vitro activity of ciprofloxacin against aerobic gram-negative bacteria. Rudin JE, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):597-8

Selection of multiple antibiotic resistance by quinolones, beta-lactams, and aminoglycosides with special reference to cross-resistance between unrelated drug classes. Sanders CC, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):797-801

Activity of ciprofloxacin against methicillin-resistant Staphylococcus aureus. Smith SM, et al. **Antimicrob Agents Chemother** 1985 May;27(5):688-91

Comparative activity of ciprofloxacin against anaerobic bacteria. Sutter VL, et al. **Antimicrob Agents Chemother** 1985 Mar;27(3):427-8

In vitro comparison of amifloxacin and six other antibiotics against aminoglycoside-resistant Pseudomonas aeruginosa. Thompson KD, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):275-6

Pharmacological evidence that PK 8165 behaves as a partial agonist of brain type benzodiazepine receptors. Mizoule J, et al. **Arch Int Pharmacodyn Ther** 1984 Oct;271(2):189-97

Experience with ciprofloxacin in vitro and in vivo. Giamarellou H, et al. **Arzneimittelforsch** 1984;34(12):1775-8

Aggressive behavior inhibition by serotonin and quipazine injected into the amygdala in the rat. Puciłowski O, et al. **Behav Neural Biol** 1985 Jan;43(1):58-68

In vitro effects of quinoline derivatives on cytochrome P-450 and aminopyrine N-demethylase activity in rat hepatic microsomes. Murray M. **Biochem Pharmacol** 1984 Oct 15;33(20):3277-81

Effect of mefloquine on hepatic drug metabolism in the rat: comparative study with primaquine. Riviere JH, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):567-71

Purification of cyclic adenosine monophosphate phosphodiesterase from human platelets using new-inhibitor Sepharose chromatography. Umekawa H, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3339-44

Effects of N,N'-dicyclohexylcarbodiimide and N-(ethoxycarbonyl)-2-ethoxy-1,2-dihydroquinoline on hydride ion transfer and proton translocation activities of mitochondrial nicotinamidenucleotide transhydrogenase. Phelps DC, et al. **Biochemistry** 1984 Dec 18;23(26):6340-4

Activity of ciprofloxacin against genital tract pathogens. Hart CA, et al. **Br J Vener Dis** 1984 Oct;60(5):316-8

Denervation accelerates the reappearance of neostriatal D-2 receptors after irreversible receptor blockade. Neve KA, et al. **Brain Res** 1985 Mar 11;329(1-2):225-31

Dose-dependent effects of butylated hydroxyanisole, butylated hydroxytoluene and ethoxyquin in induction of foci of rat liver cells containing the placental form of glutathione S-transferase. Thamavit W, et al. **Cancer Lett** 1985 Jul;27(3):295-303

Modification of aflatoxin B1 binding to DNA in vivo in rats fed phenolic antioxidants, ethoxyquin and a dithiothione. Kensler TW, et al. **Carcinogenesis** 1985 May;6(5):759-63

Cross resistance of quinolone derivatives in gram-negative bacteria. Barba D, et al. **Chemioterapia** 1985 Apr;4(2):192-6

Inhibition of conjugal transfer by new quinolinic compounds. Oliva B, et al. **Chemioterapia** 1985 Jun;4(3):199-201

In vitro activity of ciprofloxacin against Chlamydia trachomatis and Ureaplasma urealyticum. Rumpianesi F, et al. **Chemioterapia** 1984 Jun;3(3):173–4

Comparative evaluation of recently developed quinolone compounds—with a note on the frequency of resistant mutants. Cullmann W, et al. **Chemotherapy** 1985; 31(1):19–28

Incomplete cross-resistance of nalidixic and pipemidic acid-resistant variants of Serratia marcescens against ciprofloxacin, enoxacin, and norfloxacin. Traub WH. **Chemotherapy** 1985;31(1):34–9

Inhibitory and bactericidal activities of amifloxacin, a new quinolone carboxylic acid, compared with those of seven other antimicrobial agents. Baltch AL, et al. **Clin Ther** 1984; 7(1):73–80

In vitro activity of five quinoline derivatives against nosocomial isolates of Staphylococcus and Pseudomonas species [letter] Daschner FD, et al. **Eur J Clin Microbiol** 1985 Feb;4(1):72–3

Comparison of the in vitro activity of ciprofloxacin (Bay o 9867) and norfloxacin against gastrointestinal tract pathogens [letter] Diez-Enciso M, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):367

In vitro activity of ciprofloxacin against mycobacteria [letter] Gaya H, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):345–7

In vitro activity of ciprofloxacin against Brucella melitensis [letter] Gobernado M, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):371

Comparative in vitro activity of five quinoline derivatives and five other antimicrobial agents used in oral therapy. Hoogkamp-Korstanje JA. **Eur J Clin Microbiol** 1984 Aug; 3(4):333–8

Sensitivity of urinary staphylococci to ciprofloxacin and acrosoxacin [letter] Kent AF, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):139–40

In vitro activity of ciprofloxacin and norfloxacin against Gardnerella vaginalis [letter] Machka K. **Eur J Clin Microbiol** 1984 Aug;3(4):374

In vitro activity of ciprofloxacin against group JK corynebacteria [letter] Machka K, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):375

In vitro activity of ciprofloxacin against clinical isolates of Chlamydia trachomatis [letter] Meier-Ewert H, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):372

In vitro activity of ciprofloxacin against Bacteroides, Haemophilus influenzae and Branhamella catarrhalis [letter] Olsson-Liljequist B. **Eur J Clin Microbiol** 1984 Aug; 3(4):370–1

The activity of ciprofloxacin and other 4-quinolones against Chlamydia trachomatis and Mycoplasmas in vitro. Ridgway GL, et al. **Eur J Clin Microbiol** 1984 Aug; 3(4):344–6

In vitro activity of ciprofloxacin, azthreonam and ceftazidime against Serratia marcescens and Pseudomonas aeruginosa [letter] Righter J. **Eur J Clin Microbiol** 1984 Aug;3(4):368–9

Susceptibility of Legionella spp. to quinolone derivatives and related organic acids [letter] Ruckdeschel G, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):373

A laboratory assessment of ciprofloxacin and comparable antimicrobial agents. Shrire L, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):328–32

Mutational resistance to 4-quinolone antibacterial agents. Smith JT. **Eur J Clin Microbiol** 1984 Aug;3(4):347–50

Effects of PK 8165, a partial benzodiazepine receptor agonist, on cholecystokinin-induced activation of hippocampal pyramidal neurons: a microiontophoretic study in the rat. Bradwejn J, et al. **Eur J Pharmacol** 1985 Jun 19; 112(3):415–8

TL 333, a benzhydro[g]quinoline, stimulates both D-1 and D-2 dopamine receptors: implications for the selectivity of LY 141865 towards the D-2 receptor. Itoh Y, et al. **Eur J Pharmacol** 1985 Jan 15;108(1):99–101

In-vitro activity of ciprofloxacin (Bay 09867) [letter] Chattopadhyay B, et al. **J Antimicrob Chemother** 1984 Aug; 14(2):191–2

In-vitro sensitivity of legionellas, meningococci and mycoplasmas to ciprofloxacin and enoxacin [letter] Fallon RJ, et al. **J Antimicrob Chemother** 1985 Jun;15(6):787–9

Comparative in-vitro activity of quinolone carboxylic acids against Proteeae. Hawkey PM, et al. **J Antimicrob Chemother** 1984 Nov;14(5):485–9

Antichlamydial activity of quinolone carboxylic acids [letter] Heppleston C, et al. **J Antimicrob Chemother** 1985 May; 15(5):645–7

Comparative in-vitro activity of ciprofloxacin against non-fermenters. Husson MO, et al. **J Antimicrob Chemother** 1985 Apr;15(4):457–62

The in-vitro activities of enoxacin and ofloxacin compared with that of ciprofloxacin. King A, et al. **J Antimicrob Chemother** 1985 May;15(5):551–8

In-vitro activity of ciprofloxacin and other antibacterial agents against Pseudomonas aeruginosa and Pseudomonas cepacia from cystic fibrosis patients. Klinger JD, et al. **J Antimicrob Chemother** 1985 Jun;15(6):679–84

Differentiation of fluorinated quinolone antibacterials with Neisseria gonorrhoeae isolates. Rohlfing SR, et al. **J Antimicrob Chemother** 1985 May;15(5):539–44

In-vitro activity of some quinoline derivatives against Mycobacterium fortuitum [letter] Valero-Guillén PL, et al. **J Antimicrob Chemother** 1985 Feb;15(2):254–5

Energy transduction by electron transfer via a pyrrolo-quinoline quinone-dependent glucose dehydrogenase in Escherichia coli, Pseudomonas aeruginosa, and Acinetobacter calcoaceticus (var. lwoffi). van Schie BJ, et al. **J Bacteriol** 1985 Aug;163(2):493–9

Comparative cardiac electrophysiologic study of PK 10139, a new antiarrhythmic agent, and quinidine in anesthetized dogs: plasma concentration-response relationships. Heckle J, et al. **J Cardiovasc Pharmacol** 1985 Jan–Feb;7(1):18–25

Ciprofloxacin disk susceptibility tests: interpretive zone size standards for 5-microgram disks. Barry AL, et al. **J Clin Microbiol** 1985 Jun;21(6):880–3

A comparative micro in-vitro test of P. falciparum to mefloquine and chloroquine in Gadchiroli District, Maharashtra State. Dutt SC, et al. **J Commun Dis** 1984 Jun;16(2):122–5

Synthesis and antiallergic activities of 1,3-oxazolo[4,5-h]quinolines. Musser JH, et al. **J Med Chem** 1985 Sep;28(9):1255–9

Synthesis and antiallergic activity of some quinolinones and imidazoquinolinones. Peet NP, et al. **J Med Chem** 1985 Mar;28(3):298–302

Resolved monophenolic 2-aminotetralins and 1,2,3,4,4a,5,6,10b-octahydrobenzo[f]quinolines: structural and stereochemical considerations for centrally acting pre- and postsynaptic dopamine-receptor agonists. Wikström H, et al. **J Med Chem** 1985 Feb;28(2):215–25

Effects of acute and chronic treatment on the pro- and anti-convulsant actions of CL 218, 872, PK 8165 and PK 9084, putative ligands for the benzodiazepine receptor. File SE, et al. **J Pharm Pharmacol** 1985 Apr;37(4):252–6

Cis- and trans-4-n-Propyl-1,2,3,4,4a,5,6,10b-octahydrobenzo(f)qui Cannon JG, et al. **J Pharm Sci** 1985 Jun;74(6):672–5

Inactivation of D1 and D2 dopamine receptors by N-ethoxycarbonyl-2-ethoxy-1,2-dihydroquinoline in vivo: selective protection by neuroleptics. Meller E, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):656–62

Involvement of cyclic AMP in the positive inotropic effect of OPC-8212, a new cardiotonic agent, on the canine ventricular muscle. Yanagisawa T, et al. **Jpn J Pharmacol** 1984 Nov;36(3):379–88

Resistance to ciprofloxacin [letter] Chapman ST, et al. **Lancet** 1985 Jul 6;2(8445):39

Ciprofloxacin-resistant Staphylococcus aureus [letter] Humphreys H, et al. **Lancet** 1985 Aug 17;2(8451):383

Ciprofloxacin-resistant Pseudomonas [letter] Roberts CM, et al. **Lancet** 1985 Jun 22;1(8443):1442

Effect of dietary vitamin E and Santoquin on regenerating rat liver. Gavino VC, et al. **Life Sci** 1985 May 6; 36(18):1771–7

Effect of aging on recovery of striatal dopamine receptors following N-ethoxycarbonyl-2-ethoxy-1, 2-dihydroquinoline (EEDQ) blockade. Henry JM, et al. **Life Sci** 1984 Aug 20;35(8):899–904

Effects of the serotonin agonist, quipazine, on luteinizing hormone and prolactin release: evidence for serotonin-catecholamine interactions. Lynch CO Jr, et al. **Life Sci** 1984 Oct 1;35(14):1481–7

Mitochondrial membrane potential in lymphocytes as monitored by fluorescent cation diS-C3-(5). Gulyaeva NV, et al. **Membr Biochem** 1985;6(1):19–32

Ciprofloxacin (BAY O 9867). Comparative in vitro activity study. Canton E, et al. **Microbiol Esp** 1984 Jul–Dec; 37(3–4):73–9

Enhancement of endotoxicity and reactivity with carbocyanine dye by sonication of lipopolysaccharide. Ogawa Y, et al. **Microbiol Immunol** 1984;28(12):1313–23

Occurrence of gram negative bacteria in midstream bladder urine and their sensitivity to quinoline derivatives. Esposito S, et al. **Microbiologica** 1985 Jul;8(3):269–76

Mammalian cell DNA damage by some heterocyclic food mutagens is correlated with their potency in the Ames test. Dolara P, et al. **Mutat Res** 1985 Sep;144(1):57–8

Drug-induced activation of the inferior olivary nucleus in young rabbits. Differential effects of harmaline and quipazine. Barragan LA, et al. **Neuropharmacology** 1985 Jul;24(7):645–54

Behavioural effects of PK 8165 that are not mediated by benzodiazepine binding sites. File SE, et al. **Neurosci Lett** 1984 Sep 7;50(1–3):197–201

The effects of quipazine and fluoxetine on extinction of a previously-reinforced operant response in rats. Beninger RJ. **Pharmacol Biochem Behav** 1984 Oct;21(4):533–7

Reduced head-twitch response to quipazine of rats previously treated with methiothepin: possible involvement of dopaminergic system. Dall'Olio R, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):43–8

Comparison of anorexia and motor disruption by cyclazocine and quipazine. Henck JW, et al. **Pharmacol Biochem Behav** 1985 May;22(5):671–6

Serotonin antagonist pirenperone inhibits sexual behavior in the male rat: attenuation by quipazine. Mendelson SD, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):565–71

Naloxone alters the effects of LSD, DOM and quipazine on operant behavior of rats. Mokler DJ, et al. **Pharmacol Biochem Behav** 1984 Sep;21(3):333–7

Effects of quipazine and methysergide on play in juvenile rats. Normansell L, et al. **Pharmacol Biochem Behav** 1985 May;22(5):885–7

Is there a 'serotonergic syndrome' in neonatal rat pups? Ristine LA, et al. **Pharmacol Biochem Behav** 1985 Feb; 22(2):265–9

Comparative in vitro activity of three new quinolone antibiotics against recent clinical isolates. Forsgren A. **Scand J Infect Dis** 1985;17(1):91–4

Y-590 (a new pyridazinone derivative), a potent anti-thrombotic agent—II. Inhibition of platelet phosphodiesterase. Mikashima H, et al. **Thromb Res** 1984 Sep 1;35(5):589–94

Synthetic antioxidants: biochemical actions and interference with radiation, toxic compounds, chemical mutagens and chemical carcinogens. Kahl R. **Toxicology** 1984 Dec; 33(3–4):185–228 (367 ref.)

African serum interference in the determination of chloroquine sensitivity in Plasmodium falciparum. Carlin JM, et al. **Z Parasitenkd** 1984;70(5):589–97

In vitro antibacterial activity of three new quinolone derivatives: rosoxacin, norfloxacin, pefloxacin. Husson MO, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Dec; 258(2–3):283–6

[Preparation of 1-substituted 4-dialkylaminoalkylamino-3-methyl-1H -pyrazole(3,4-b)quinolines with an antiviral effect] Rádl S, et al. **Cesk Farm** 1985 Jun;34(5):190–3 (Eng. Abstr.) **(Cze)**

[The effect of the preparation Kurasan (ethoxyquin) on the toxigenic properties of the mold Aspergillus flavus] Ruprich J, et al. **Vet Med (Praha)** 1985 Apr;30(4):239–46 (Eng. Abstr.) **(Cze)**

[Drug sensitivity of Plasmodium falciparum in Madagascar. V. Study of the in vitro activity of quinine, mefloquine and halofantrine] Deloron P, et al. **Arch Inst Pasteur Madagascar** 1984;51(1):81–7 (Eng. Abstr.) **(Fre)**

[Comparative in vitro study of the activity of 5 quinolones against Acinetobacter calcoaceticus] Joly-Guillou ML, et al. **Pathol Biol (Paris)** 1985 May;33(5):416–20 (Eng. Abstr.) **(Fre)**

[Comparison of the in vitro activity of 6 quinolones on Pseudomonas sp.] Lesage D, et al. **Pathol Biol (Paris)** 1985 May;33(5):412–5 (Eng. Abstr.) **(Fre)**

[Antiserotonergic effect of antidepressives in quipazine-induced headshake behavior in the rat] Fischer W, et al. **Pharmazie** 1984 Nov;39(11):776–7 **(Ger)**

[In vitro antibacterial activity of ciprofloxacin against uropathogenic organisms] Allocati N, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1927–33 (Eng. Abstr.) **(Ita)**

[Antimycobacterial activities of minocycline and ciprofloxacin] Arai T, et al. **Kekkaku** 1985 May;60(5):293–7 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

Drugs recently released in Belgium. Nabilone and rosoxacin. Harvengt C. **Acta Clin Belg** 1985;40(2):125–7

Mefloquine failure in a case of falciparum malaria induced with a multidrug-resistant isolate in a non-immune subject. Cosgriff TM, et al. **Am J Trop Med Hyg** 1985 Jul; 34(4):692–3

A clinical trial of mefloquine in the treatment of Plasmodium vivax malaria. Dixon KE, et al. **Am J Trop Med Hyg** 1985 May;34(3):435–7

Activities of pefloxacin and ciprofloxacin in experimentally induced Pseudomonas pneumonia in neutropenic guinea pigs. Gordin FM, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):452–4

Open, prospective study of the clinical efficacy of ciprofloxacin. Ramirez CA, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):128–32

The effect of nedocromil sodium and sodium cromoglycate on antigen-induced bronchoconstriction in the Ascaris-sensitive monkey. Eady RP, et al. **Br J Pharmacol** 1985 Jun;85(2):323–5

Insufficient evaluation of acrosoxacin in treating gonorrhoea [letter] Sumathipala AH. **Br J Vener Dis** 1984 Oct; 60(5):349–50

Attenuation of exercise-induced asthma by pretreatment with nedocromil sodium and minocromil. Roberts JA, et al. **Clin Allergy** 1985 Jul;15(4):377–81

Antibacterial activity of ciprofloxacin in conventional [illegible] and in a model of bacterial cystitis. Greenwood D, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):351–4

The in vitro and in vivo activity of ciprofloxacin. Zeiler HJ, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):339–43

Acrosoxacin used in treating gonorrhea caused by penicillinase-producing Neisseria gonorrhoeae [letter] Clay J, et al. **Genitourin Med** 1985 Jun;61(3):210

Studies on ciprofloxacin therapy of experimental Legionnaires' disease. Fitzgeorge RB, et al. **J Infect** 1985 May;10(3):194–203

Ciprofloxacin as therapy for experimental osteomyelitis caused by Pseudomonas aeruginosa. Norden CW, et al. **J Infect Dis** 1985 Feb;151(2):291–4

Ciprofloxacin for selective decontamination of the alimentary tract in patients with acute leukemia during remission induction treatment: the effect on fecal flora. Rozenberg-Arska M, et al. **J Infect Dis** 1985 Jul; 152(1):104–7

Qinghaosu, mefloquine, and pyrimethamine-sulfadoxine in falciparum malaria [letter] Arnold K. **Lancet** 1985 Mar 23; 1(8430):704

Clinical resistance to long-term oral ciprofloxacin [letter] Crook SM, et al. **Lancet** 1985 Jun 1;1(8440):1275

Treatment of Salmonella typhi carrier state with ciprofloxacin [letter] Hudson SJ, et al. **Lancet** 1985 May

4;1(8436):1047

Is plasmodium falciparum resistance to chloroquine reversible in absence of drug pressure? [letter] Jacquier P, et al. **Lancet** 1985 Aug 3;2(8449):270-1

Use of gonococcal W serogrouping in the evaluation of a clinical trial of rosoxacin. Rudén AK, et al. **Sex Transm Dis** 1985 Jan-Mar;12(1):19-24

Treatment of falciparum malaria with a single dose of mefloquine. Ponnampalam JT. **Singapore Med J** 1985 Apr; 26(2):207-10

Nedocromil sodium: a new drug for the management of bronchial asthma. Lal S, et al. **Thorax** 1984 Nov; 39(11):809-12

[Preparation of 4-phenoxy and 4-phenylthio derivatives of 1H-pyrazolo[3,4-b]-quinoline with an antiviral effect] Rádl S, et al. **Cesk Farm** 1985 May;34(3-4):119-22 (Eng. Abstr.) **(Cze)**

[Management of acute gonorrhea in males with Rosoxacin] Fischer-Brügge U, et al. **Dtsch Med Wochenschr** 1985 Jul 12;110(28-29):1115-8 (Eng. Abstr.) **(Ger)**

[Clinical experiences with the radiation sensitizer MTDQ (Sensorad) in advanced malignancies of the head and neck region and in uterine cancer] Kovács G, et al. **Strahlentherapie** 1984 Oct;160(10):590-3 (Eng. Abstr.) **(Ger)**

[Ciprofloxacin--a new antibacterial drug] Lewandowski A. **Wiad Lek** 1985 May 1;38(9):649-52 (27 ref.) (Eng. Abstr.) **(Pol)**

TOXICITY

Genotoxicity of the food mutagen 2-amino-3-methylimidazo-[4,5-f]quinoline (IQ) and analogs. Barnes WS, et al. **Carcinogenesis** 1985 Mar; 6(3):441-4

Human maximization testing of D&C Yellow no. 10 and Yellow no. 11. Kita S, et al. **Contact Dermatitis** 1984 Oct; 11(4):210-3

Genotoxicity of the cooked-food mutagens IQ and MeIQ in primary cultures of rat, hamster, and guinea pig hepatocytes. Loury DJ, et al. **Environ Mutagen** 1985; 7(2):245-54

Inhalation toxicity of a smoke containing Solvent Yellow 33, Disperse Red 9 and Solvent Green 3 in laboratory animals. Marrs TC, et al. **Hum Toxicol** 1984 Aug; 3(4):289-308

Multipotential carcinogenicity of the fried food mutagen 2-amino-3-methylimidazo[4,5-f]quinoline in rats. Tanaka T, et al. **Jpn J Cancer Res** 1985 Jul;76(7):570-6

Comparative mutagenic efficiencies of the DNA adducts from the cooked-food-related mutagens Trp-P-2 and IQ in CHO cells. Brookman KW, et al. **Mutat Res** 1985 Apr; 149(2):249-55

Differential mutagenic activity of IQ (2-amino-3-methylimidazo[4,5-f]quinoline) in Salmonella typhimurium strains in vitro and in vivo, in Drosophila, and in mice. Wild D, et al. **Mutat Res** 1985 Apr-May; 156(1-2):93-102

URINE

Effect of imipenem-cilastatin and ciprofloxacin on tests for glycosuria. Tartaglione TA, et al. **Am J Hosp Pharm** 1985 Mar;42(3):602-5

QUINOLINIC ACIDS see under **PYRIDINES**

QUINOLINIUM COMPOUNDS

[The foretell method of the observation of crystal growth of dequalinium chloride in short time in oil in water type ointments] Takashima Y, et al. **Yakugaku Zasshi** 1984 Dec; 104(12):1263-7 (Eng. Abstr.) **(Jpn)**

ADMINISTRATION & DOSAGE

[Use of vaginal douches with a dequalinium-tyrothricin-hydrocortisone combination in the treatment of cervicovaginitis: controlled clinical study] Bianco V, et al. **Ann Ostet Ginecol Med Perinat** 1984 Jul-Aug;105(4):260-6 (Eng. Abstr.) **(Ita)**

CHEMICAL SYNTHESIS

[Actions of new iminium compounds on selected bacterial and fungal strains. 10. Synthesis of N-alkoxymethylquinolinium chlorides and their derivatives] Pernak J, et al. **Arch Pharm (Weinheim)** 1985 May;318(5):410-5 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Protective effect of organic cation transport inhibitors on cis-diamminedichloroplatinum-induced nephrotoxicity. Bird JE, et al. **J Pharmacol Exp Ther** 1984 Dec;231(3):752-8

A quaternary anti-cholinesterase probe for determining the integrity of the blood--brain barrier. Ashani Y, et al. **Life Sci** 1985 Feb 4;36(5):493-7

TOXICITY

Quinuronium induced hepatotoxicity in rats. Mitema ES, et al. **Toxicol Lett** 1985 Jan;24(1):53-8

QUINOLINOLS see **HYDROXYQUINOLINES**

QUINOLIZINES

ADVERSE EFFECTS

[Ocular side effects of flumequine. 3 cases of macular involvement] Hurault de Ligny B, et al. **Therapie** 1984 Sep-Oct;39(5):595-600 (Eng. Abstr.) **(Fre)**

CHEMICAL SYNTHESIS

Investigations on the chemistry of berbanes. 10. Synthesis of raunescinone analogues with hypotensive and antihypertensive activity. Tóth I, et al. **J Med Chem** 1984 Nov;27(11):1411-5

METABOLISM

Plasma and urine levels of flumequine and 7-hydroxyflumequine following single and multiple oral dosing. Schuppan D, et al. **J Antimicrob Chemother** 1985 Mar;15(3):337-43

Affinity of WY 26703 for central and peripheral alpha 1- and alpha 2-adrenoreceptors in the rat; comparison with yohimbine. Korstanje C, et al. **J Auton Pharmacol** 1984 Dec;4(4):287-93

PHARMACODYNAMICS

The alpha 2-adrenoceptor selectivities and haemodynamic effects of WY26392 and yohimbine in the anaesthetised dog. Paciorek PM, et al. **Eur J Pharmacol** 1985 Apr 2; 110(2):191-201

The effect of yohimbine, WY 26392 and idazoxan on sympathetic nerve activity. Ramage AG, et al. **Eur J Pharmacol** 1985 Feb 26;109(2):153-60

Alpha 2-adrenoceptor antagonism and other pharmacological antagonist properties of some substituted benzoquinolizines and yohimbine in vitro. Lattimer N, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Oct; 327(4):312-8

Evaluation of four homologs of 4-(2-bromo-4,5-dimethoxyphenyl)-octahydro-2H-quinoli (JB-1-0) for their capacity to prevent carrageenan induced pedal edema in the rat. Byrne JA, et al. **Proc West Pharmacol Soc** 1984;27:293-6

QUINONE REDUCTASES see under **NADH, NADPH OXIDOREDUCTASES**

QUINONES

Coupling of membrane-bound and detergent-solubilized sodium- and potassium-activated ATPase to p-benzoquinone-treated microtiter plates. Urayama O, et al. **Anal Biochem** 1984 Aug 15;141(1):194-8

Effects of pH and exocyclic substitution on flavosemiquinone reactivity with redox proteins and inorganic oxidants. Przysiecki CT, et al. **Arch Biochem Biophys** 1985 Apr; 238(1):334-43

Dibromothymoquinone (DBMIB)-mediated reduction of cytochrome in solution and formation of DBMIB-cytochrome complex. Bose S. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):578-83

Structure of the quinone antibiotic EM5519 and the behavior of quinones in fast atom bombardment mass spectrometry. Cooper R, et al. **J Antibiot (Tokyo)** 1985 Jan;38(1):24-30

Chemical modification and antitumor activity of herbimycin A. 8,9-Epoxide, 7,9-cyclic carbamate, and 17 or 19-amino derivatives. Omura S, et al. **J Antibiot (Tokyo)** 1984 Oct; 37(10):1264-7

Synthesis in vitro of 5,6-dihydroxyindole-2-carboxylic acid by dopachrome conversion factor from Cloudman S91 melanoma cells. Korner AM, et al. **J Invest Dermatol** 1985 Sep;85(3):229-31

ADVERSE EFFECTS

Chin rest allergy in a violinist. Hausen BM. **Contact Dermatitis** 1985 Mar;12(3):178-80

ANALYSIS

High-performance liquid chromatography of substituted p-benzoquinones and p-hydroquinones. I. Interplay of on-column redox reaction and the chromatographic retention process. Huang JX, et al. **J Chromatogr** 1984 Dec 21;316:151-61

DIAGNOSTIC USE

Spectrophotometric determination of piperazine with chloranil. Wahbi AA, et al. **Analyst** 1984 Nov; 109(11):1513-4

METABOLISM

Effects of pH and exocyclic substitution on flavosemiquinone reactivity with redox proteins and inorganic oxidants. Przysiecki CT, et al. **Arch Biochem Biophys** 1985 Apr; 238(1):334-43

Localization and synthesis of prenylquinones in isolated outer and inner envelope membranes from spinach chloroplasts. Soll J, et al. **Arch Biochem Biophys** 1985 Apr;238(1):290-9

Enhanced production of ethylene from methional by iron chelates and heme containing proteins in the system consisting of quinone compounds and NADPH-cytochrome P-450 reductase. Komiyama T, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):977-83

2-Acetamido-p-benzoquinone: a reactive arylating metabolite of 3'-hydroxyacetanilide. Streeter AJ, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2871-6

NADH oxidation by quinone electron acceptors. Cénas NK, et al. **Biochim Biophys Acta** 1984 Oct 26;767(1):108-12

The kinetics of quinone pools in electron transport. Ragan CI, et al. **Biochim Biophys Acta** 1985 Apr 8;811(1):13-31

The acceptor quinone complex of Rhodopseudomonas viridis reaction centers. Shopes RJ, et al. **Biochim Biophys Acta** 1985 Mar 13;806(3):348-56

Reactions of the semiquinone free radicals of anti-tumour agents with oxygen and iron complexes. Butler J, et al. **FEBS Lett** 1985 Mar 11;182(1):95-8

Involvement of plastoquinone and lipids in electron transport reactions mediated by the cytochrome b6-f complex isolated from spinach. Chain RK. **FEBS Lett** 1985 Jan 28; 180(2):321-5

Two distinct quinone-modulated modes of antimycin-sensitive cytochrome b reduction in the cytochrome bc1 complex. Robertson DE, et al. **FEBS Lett** 1984 Dec 10;178(2):343-50

Quantitation of the rapid electron donors to P700, the functional plastoquinone pool, and the ratio of the photosystems in spinach chloroplasts. Graan T, et al. **J Biol Chem** 1984 Nov 25;259(22):14003-10

An electron spin resonance study of o-semiquinones formed during the enzymatic and autoxidation of catechol estrogens. Kalyanaraman B, et al. **J Biol Chem** 1984 Nov 25;259(22):14018-22

A new enzyme in the pigment pathway? [letter] Pawelek JM. **J Invest Dermatol** 1985 Mar;84(3):234

Enzyme-controlled scavenging of ascorbyl and 2,6-dimethoxy-semiquinone free radicals in Ehrlich ascites tumor cells. Pethig R, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1439-42

PHARMACODYNAMICS

Purification and properties of a quinone-dependent p-nitrophenylphosphatase from Clostridium sticklandii. Davis JN, et al. **Arch Biochem Biophys** 1985 Jun; 239(2):523-30

Post-illumination kinetics of cytochrome f reduction in chloroplast thylakoid in the presence of dibromothymoquinone. Bose S. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):16-21

Inhibition of lipid peroxidation by a novel compound (CV-2619) in brain mitochondria and mode of action of the inhibition. Suno M, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):1046-52

Studies on the mechanism of action of quinone antitumor agents. Begleiter A. **Biochem Pharmacol** 1985 Aug 1; 34(15):2629-36

Inhibitory effect of superoxide-generating quinones on superoxide dismutase. Smith MT, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):3109-10

Effects of dibromothymoquinone on the structure and function of the mitochondrial bc1 complex. Degli Esposti M, et al. **Biochim Biophys Acta** 1984 Oct 26;767(1):10-20

The antibacterial activity of some naturally occurring 2,5-dihydroxy-1,4-benzoquinones. Brewer D, et al. **Can J Microbiol** 1984 Aug;30(8):1068-72

Stimulation of the respiratory and phosphorylating activities in rat brain mitochondria by idebenone (CV-2619), a new agent improving cerebral metabolism. Sugiyama Y, et al. **FEBS Lett** 1985 May 6;184(1):48-51

Non-narcotic orally effective, centrally acting analgesic from an Ayurvedic drug. Atal CK, et al. **J Ethnopharmacol** 1984 Aug;11(3):309-17

Inhibition of mouse epidermal 12-lipoxygenase by 2,3,4-trimethyl-6-(12-hydroxy-5,10-dodecadiynyl)-1,4-b e (AA861). Nakadate T, et al. **J Pharm Pharmacol** 1985 Jan;37(1):71-3

Effects of idebenone (CV-2619) on the concentrations of acetylcholine and choline in various brain regions of rats with cerebral ischemia. Kakihana M, et al. **Jpn J Pharmacol** 1984 Nov;36(3):357-63

Effect of idebenone (CV-2619) on memory impairment observed in passive avoidance task in rats with cerebral embolization. Kiyota Y, et al. **Jpn J Pharmacol** 1985 Mar; 37(3):300-2

In vivo electrochemical detection of 5-hydroxyindoles in the dorsal hippocampus of anesthetized rats treated with idebenone (CV-2619). Nagai Y, et al. **Jpn J Pharmacol** 1985 Feb;37(2):222-5

Inhibitory effect of idebenone (CV-2619), a novel compound, on vascular lesions in hypertensive rats. Nagaoka A, et al. **Jpn J Pharmacol** 1984 Nov;36(3):291-9

Effects of idebenone (CV-2619) on metabolism of monoamines, especially serotonin, in the brain of normal rats and rats with cerebral ischemia. Narumi S, et al. **Jpn J Pharmacol** 1985 Mar;37(3):235-44

Effects of idebenone (CV-2619) on endogenous monoamine release and cyclic AMP formation in diencephalon slices from rats. Narumi S, et al. **Jpn J Pharmacol** 1985 Feb; 37(2):218-21

Beneficial effect of idebenone (CV-2619) on cerebral ischemia-induced amnesia in rats. Yamazaki N, et al. **Jpn J Pharmacol** 1984 Nov;36(3):349-56

Pharmacological profile of AA-861, a 5-lipoxygenase inhibitor. Ashida Y, et al. **Prostaglandins** 1983 Dec;

26(6):955–72

Lipoxygenase specific inhibitors inhibit murine lymphocyte reactivity to Con A by reducing IL–2 production and its action. Kato K, et al. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):39–52

[Effect of CV–2619 (idebenone) on the half–life and hemolysis of red blood cells in stroke–prone spontaneously hypertensive rats (SHRSP)] Suno M, et al. **Nippon Yakurigaku Zasshi** 1984 Oct;84(4):407–10 (Eng. Abstr.) **(Jpn)**

[Elimination of quinones from aqueous environments by phenols and the effect of their mixtures on the luminescence of Beneckea harveyi bacteria] Gil' TA, et al. **Biol Nauki** 1985;(1):58–62 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

[Effects of idebenone (CV–2619) on neurological deficits, local cerebral blood flow, and energy metabolism in rats with experimental cerebral ischemia] Nagaoka A, et al. **Nippon Yakurigaku Zasshi** 1984 Sep;84(3):303–9 (Eng. Abstr.) **(Jpn)**

TOXICITY

Protection against toxic redox cycles between benzo(a)pyrene–3,6–quinone and its quinol by 3–methylcholanthrene–inducible formation of the quinol mono– and diglucuronide. Lilienblum W, et al. **Mol Pharmacol** 1985 Apr;27(4):451–8

Mutagenicity of polycyclic aromatic hydrocarbons and quinones on Salmonella typhimurium TA97. Sakai M, et al. **Mutat Res** 1985 Apr–May;156(1–2):61–7

QUINOXALINES

ADMINISTRATION & DOSAGE

[Dioxidine phonophoresis in the treatment of patients with bacterial keratitis and corneal ulcers] Novitskiĭ IIa. **Oftalmol Zh** 1985;(1):43–6 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Allergic contact dermatitis to Bayo–N–OX–I. Bedello PG, et al. **Contact Dermatitis** 1985 May;12(5):284

ANALYSIS

Determination of olaquindox in medicated animal feeds by high–performance liquid chromatography. Analytical Methods Committee. **Analyst** 1985 Jan;110(1):75–7

Quantification of 2–amino–3–methylimidazo[4,5–f]quinoline (IQ) and 2–amino–3,8–dimethylimidazo[4,5–f]quinoxaline (MeIQx) in beef extracts by liquid chromatography with electrochemical detection (LCEC). Takahashi M, et al. **Carcinogenesis** 1985 Aug;6(8):1195–9

Liquid chromatographic determination of carbadox and desoxycarbadox in medicated feeds and in porcine gastrointestinal tract. de Graaf GJ, et al. **J Assoc Off Anal Chem** 1985 Jul–Aug;68(4):658–60

Liquid chromatographic determination of carbadox, desoxycarbadox, and nitrofurazones in pork tissues. MacIntosh AI, et al. **J Assoc Off Anal Chem** 1984 Sep–Oct;67(5):958–62

Liquid chromatographic determination of carbadox residues in animal feed. Roybal JE, et al. **J Assoc Off Anal Chem** 1985 Jul–Aug;68(4):653–7

Analysis of mutagenic imidazo[4,5–f]quinolines and –quinoxalines (IQ compounds). Comparison of electrochemical and ultraviolet detection. Grivas S, et al. **Mutat Res** 1985 Jan–Feb;142(1–2):5–8

BIOSYNTHESIS

Studies on antibiotic biosynthesis by protoplasts and resting cells of Streptomyces echinatus. Part I. The synthesis of echinomycin. Gauvreau D, et al. **Can J Microbiol** 1984 Jun;30(6):721–9

Directed biosynthesis of novel derivatives of echinomycin. II. Purification and structure elucidation. Gauvreau D, et al. **Can J Microbiol** 1984 Jun;30(6):730–8

CHEMICAL SYNTHESIS

An improved synthesis of 3,8–dimethyl–3H–imidazo[4,5–f]quinoxalin–2–amine ('MeIQx') and its 2–14C–labelled analogue. Grivas S, et al. **Acta Chem Scand [B]** 1985;39(1):31–4

A convenient synthesis of the potent mutagen 3,4,8–trimethyl–3H–imidazo[4,5–f]quinoxalin–2–amine. Grivas S. **Acta Chem Scand [B]** 1985;39(3):213–7

Tetrahydropyrrolo[1,2–a]quinoxalines and tetrahydropyrrolo[1,2–a]pyrido[3,2–a]pyrazines: vascular smooth muscle relaxants and antihypertensive agents. Abou–Gharbia M, et al. **J Med Chem** 1984 Dec;27(12):1743–6

Charge transfer in the mechanism of drug action involving quinoxaline di–N–oxides. Ryan MD, et al. **J Pharm Sci** 1985 Apr;74(4):492–5

Formation of a new mutagenic DiMeIQx compound in a model system by heating creatinine, alanine and fructose. Grivas S, et al. **Mutat Res** 1985 Sep;151(2):177–83

[3,6–disubstituted 1–lupinylquinoxalin–2(1H)–ones of pharmacological interest. Effect on acquisition and modification of a conditioned avoidance response in rats] Sparatore A, et al. **Farmaco [Sci]** 1985 May;40(5):303–14 (Eng. Abstr.) **(Ita)**

METABOLISM

Liquid chromatographic monitoring of the depletion of carbadox and its metabolite desoxycarbadox in swine tissues. MacIntosh AI, et al. **J Assoc Off Anal Chem** 1985 Jul–Aug;68(4):665–71

Kinetic evidence that echinomycin migrates between potential DNA binding sites. Fox KR, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):595–603

A comparison of the structure of echinomycin and triostin A complexed to a DNA fragment. Ughetto G, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2305–23

PHARMACODYNAMICS

In vivo anti–allergic and bronchopulmonary pharmacology of REV 3164 in rats and guinea–pigs. Leibowitz M, et al. **Arch Int Pharmacodyn Ther** 1984 Sep;271(1):135–54

Feed additives to chick starter mixtures under tropical conditions. Flachowsky G, et al. **Beitr Trop Landwirtsch Veterinarmed** 1984;22(3):299–303

Effects of caroverine and diltiazem on synaptic responses, L–glutamate–induced depolarization and potassium efflux in the frog spinal cord. Kudo Y, et al. **Br J Pharmacol** 1984 Nov;83(3):813–20

The contractions induced in rat and guinea–pig aortic strips by the alpha 2–adrenoceptor selective agonists B–HT 920 and UK 14,304 are mediated by alpha 1–adrenoceptors. Beckeringh JJ, et al. **Eur J Pharmacol** 1984 Sep 17;104(3–4):197–203

Anticonvulsant properties of 3–hydroxy–2–quinoxalinecarboxylic acid, a newly found antagonist of excitatory amino acids. Erez U, et al. **Eur J Pharmacol** 1985 Mar 26;110(1):31–9

1,2,4–Triazolo[4,3–a]quinoxaline–1,4–diones as antiallergic agents. Loev B, et al. **J Med Chem** 1985 Mar;28(3):363–6

Effect of carbadox on growth, fasting metabolism, thyroid function and gastrointestinal tract in young pigs. Yen JT, et al. **J Nutr** 1985 Aug;115(8):970–9

Mammalian cell DNA damage by some heterocyclic food mutagens is correlated with their potency in the Ames test. Dolara P, et al. **Mutat Res** 1985 Sep;144(1):57–8

[Study of the biological effects of quinoxaline–1,4–dioxide] Nováček L, et al. **Cesk Farm** 1984 Jun;33(5):196–200 (Eng. Abstr.) **(Cze)**

[Pharmacology and toxicology of furazolidone and carbadox; a literature study] van Miert AS, et al. **Tijdschr Diergeneeskd** 1984 Nov 15;109(22):928–33 (Eng. Abstr.) **(Dut)**

[Nature and incidence of carbadox resistance of Escherichia coli isolated from fattening swine, calves and poultry] Baumgartner A, et al. **Schweiz Arch Tierheilkd** 1985 May;127(5):339–47 (Eng. Abstr.) **(Ger)**

[Modification of the cytogenetic effect of dioxidine in experimental alloxan diabetes in rats] Zolotareva GN, et al. **Tsitol Genet** 1985 Jan–Feb;19(1):24–6 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

[Clinical evaluation of Azapentacene in senile cataract––a double–blind controlled study] Fukushi S, et al. **Nippon Ganka Gakkai Zasshi** 1984 Dec;88(12):1528–47 (Eng. Abstr.) **(Jpn)**

[Use of dioxidine for pulp protection in treating pulpitis in children] Khariton VS, et al. **Stomatologiia (Mosk)** 1984 Nov–Dec;63(6):12–4 (Eng. Abstr.) **(Rus)**

TOXICITY

Degeneration of the rat and canine adrenal cortex caused by alpha–(1,4–dioxido–3–methylquinoxalin–2–yl)–N–methylni (DMNM). Yarrington JT, et al. **Fundam Appl Toxicol** 1985 Apr;5(2):370–81

[Circadian fluctuations in dioxidine toxicity] Gus'kova TA, et al. **Farmakol Toksikol** 1985 Jan–Feb;48(1):80–2 (Eng. Abstr.) **(Rus)**

[Effect of phenobarbital, hexamidine and benzonal on the toxicity of dioxidine] Gus'kova TA, et al. **Farmakol Toksikol** 1984 Sep–Oct;47(5):90–3 (Eng. Abstr.) **(Rus)**

[Carcinogenic activity of dioxidine] Shashkina LF, et al. **Farmakol Toksikol** 1985 Jan–Feb;48(1):77–80 (Eng. Abstr.) **(Rus)**

[Dependence of the embryotoxic action of dioxidine and cyclophosphamide on the immunoreactivity of the maternal–fetal system in mice] Torchinskiĭ AM, et al. **Farmakol Toksikol** 1985 Jan–Feb;48(1):69–73 (Eng. Abstr.) **(Rus)**

QUINTUPLETS

Quintuplets with clefts: follow–up at 5 years. Zilberman Y, et al. **Cleft Palate J** 1985 Jul;22(3):205–11

QUINUCLIDINES

ANTAGONISTS & INHIBITORS

Endogenous inhibitor of ligand binding to the muscarinic acetylcholine receptor. Diaz–Arrastia R, et al. **J Neurochem** 1985 Feb;44(2):622–8

DIAGNOSTIC USE

In vivo and in vitro characteristics of the N–methyl derivative of [125I]3–quinuclidinyl 4–iodobenzilate. Gibson RE, et al. **Int J Nucl Med Biol** 1984;11(2):167–9

Use of 3–quinuclidinyl 4–iodobenzilate as a receptor binding radiotracer. Eckelman WC, et al. **J Nucl Med** 1985 Jun;26(6):637–42

METABOLISM

Computer–assisted image analysis to quantify regional and specific receptor ligand binding: upregulation of [3H]QNB and [3H]WB4101 binding in denervated hippocampus. Tayrien MW, et al. **Brain Res Bull** 1984 Dec;13(6):743–50

Failure of gallamine and pancuronium to inhibit selectively (–)–[3H]quinuclidinyl benzilate binding in guinea–pig atria. Choo LK, et al. **Can J Physiol Pharmacol** 1985 Mar;63(3):200–8

Binding of N–[propionyl–3H]propionylated alpha–bungarotoxin and L–[benzilic–4,4'–3H] quinuclidinyl benzilate to CNS extracts of the cockroach Periplaneta americana. Lummis SC, et al. **Comp Biochem Physiol [C]** 1985;80(1):75–83

Muscarinic cholinergic receptors in human foetal brain: characterization and ontogeny of [3H]quinuclidinyl benzilate binding sites in frontal cortex. Ravikumar BV, et al. **J Neurochem** 1985 Jan;44(1):240–6

Degradation of rat brain cholinergic muscarinic receptors in vitro: enhancement by agonists and inhibition by antagonists. Roskoski R Jr, et al. **J Neurochem** 1985 Oct;45(4):1096–100

Receptor binding profile of quinupramine, a new tricyclic antidepressant. Sakamoto H, et al. **Jpn J Pharmacol** 1984 Dec;36(4):455–60

[3H]Pirenzepine and [3H]quinuclidinyl benzilate binding to brain muscarinic cholinergic receptors. Differences in measured receptor density are not explained by differences in receptor isomerization. Luthin GR, et al. **Mol Pharmacol** 1984 Sep;26(2):164–9

3H–QNB binding in submaxillary glands subsensitized by chronic alcohol feeding. de Peusner IC, et al. **Mt Sinai J Med (NY)** 1984 Dec;51(6):675–9

Choline acetyltransferase activity and [3H]quinuclidinylbenzilate binding in brains of scrapie–infected hamsters. Masullo C, et al. **Neurosci Lett** 1984 Sep 28;51(1):87–92

PHARMACODYNAMICS

Cholinergic activation of the electrocorticogram: role of the substantia innominata and effects of atropine and quinuclidinyl benzilate. Stewart DJ, et al. **Brain Res** 1984 Nov 26;322(2):219–32

Effects of intracellular antibodies to cGMP on responses of cortical neurons of awake cats to extracellular application of muscarinic agonists. Swartz BE, et al. **Exp Neurol** 1984 Nov;86(2):388–404

Biphasic effects of 3–quinuclidinyl benzilate on spontaneous motor activity in mice. Liu WF, et al. **Psychopharmacology (Berlin)** 1984;84(4):486–8

[Effects of glycolate esters on conditioned behavior] Mei ZT. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar;6(1):1–3 (Eng. Abstr.) **(Chi)**

TOXICITY

[The toxic effect of quinuclidinyl benzilate and its antidote tetrahydroaminoacrine on cell cultures. I] Hroch M, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(5):501–13 **(Cze)**

QUINUCLIDINYL BENZILATE see under **QUINUCLIDINES**

QUIPAZINE see under **QUINOLINES**

R 2323 see under **NORPREGNATRIENES**

R 5020 see under **NORPREGNADIENES**

R FACTORS

Epidemiological analysis of Salmonella typhi–murium infections on the basis of laboratory methods. II. Resistance to antibiotics and R–plasmid carrier state in Salmonella typhi–murium isolated in Hungary in the period 1974 to 1981. Milch H, et al. **Acta Microbiol Hung** 1985;32(1):87–98

In vitro replication of R1 miniplasmid DNA. Diaz R, et al. **Adv Exp Med Biol** 1984;179:55–61

Resistance plasmids of Pasteurella multocida isolated from turkeys. Hirsh DC, et al. **Am J Vet Res** 1985 Jul;46(7):1490–3

Common plasmid encoding resistance to ampicillin, chloramphenicol, gentamicin, and trimethoprim–sulfadiazine in two serotypes of Salmonella isolated during an outbreak of equine salmonellosis. Ikeda JS, et al. **Am J Vet Res** 1985 Apr;46(4):769–73

Trimethoprim resistance plasmids. Amyes SG, et al. **Ann Microbiol (Paris)** 1984 Sep–Oct;135B(2):177–86

Physical characterization of the Clostridium perfringens tetracycline–chloramphenicol resistance plasmid pIP401. Magot M. **Ann Microbiol (Paris)** 1984 Nov–Dec;

135B(3):269–82

Elimination of multicopy plasmid R6K by bleomycin. Attfield PV, et al. **Antimicrob Agents Chemother** 1985 Jun; 27(6):985–8

Relatedness of tetracycline resistance plasmids among species of coagulase-negative staphylococci. Cooksey RC, et al. **Antimicrob Agents Chemother** 1985 Feb;27(2):234–8

Antimicrobial susceptibility patterns and R plasmid-mediated resistance of the fish pathogen Yersinia ruckeri. De Grandis SA, et al. **Antimicrob Agents Chemother** 1985 Jun; 27(6):938–42

Transposon-mediated multiple antibiotic resistance in Acinetobacter strains. Devaud M, et al. **Antimicrob Agents Chemother** 1982 Aug;22(2):323–9

Development of plasmid-mediated resistance in Vibrio cholerae during treatment with trimethoprim-sulfamethoxazole. Dupont MJ, et al. **Antimicrob Agents Chemother** 1985 Feb;27(2):280–1

Immunological comparison between OXA-2 beta-lactamase and those mediated by other R plasmids. Holland S, et al. **Antimicrob Agents Chemother** 1985 Jun;27(6):989–91

Multiresistance plasmid from commensal Neisseria strains. Pintado C, et al. **Antimicrob Agents Chemother** 1985 Jan; 27(1):120–4

Conjugative transfer of R-plasmids from Streptococcus faecalis to Staphylococcus aureus. Schaberg DR, et al. **Antimicrob Agents Chemother** 1982 Aug;22(2):204–7

Cloning and expression of Staphylococcus aureus plasmid-mediated quaternary ammonium resistance in Escherichia coli. Tennent JM, et al. **Antimicrob Agents Chemother** 1985 Jan;27(1):79–83

Survey of plasmids and resistance factors in Campylobacter jejuni and Campylobacter coli. Tenover FC, et al. **Antimicrob Agents Chemother** 1985 Jan;27(1):37–41

Antibiotic resistance and small R plasmids among Escherichia coli isolates from outpatient urinary tract infections in northern Norway. Vorland LH, et al. **Antimicrob Agents Chemother** 1985 Jan;27(1):107–13

Plasmid-mediated drug resistance of shigellae in Kuwait. Chugh TD, et al. **Antonie Van Leeuwenhoek** 1985; 51(2):241–7

Expression and loss of the pBR322 plasmid in Klebsiella aerogenes NCTC 418, grown in chemostat culture. Sterkenburg A, et al. **Antonie Van Leeuwenhoek** 1984; 50(4):397–404

R-plasmid transfer in Salmonella spp. isolated from wastewater and sewage-contaminated surface waters. Alcaide E, et al. **Appl Environ Microbiol** 1984 Aug; 48(2):435–8

Preparation of a DNA gene probe for detection of mercury resistance genes in gram-negative bacterial communities. Barkay T, et al. **Appl Environ Microbiol** 1985 Mar; 49(3):686–92

Streptococcus-Escherichia coli shuttle vector pSA3 and its use in the cloning of streptococcal genes. Dao ML, et al. **Appl Environ Microbiol** 1985 Jan;49(1):115–9

Influence of salts and temperature on the transfer of mercury resistance from a marine pseudomonad to Escherichia coli. Gauthier MJ, et al. **Appl Environ Microbiol** 1985 Jul; 50(1):38–40

Transfer of plasmids pBR322 and pBR325 in wastewater from laboratory strains of Escherichia coli to bacteria indigenous to the waste disposal system. Gealt MA, et al. **Appl Environ Microbiol** 1985 Apr;49(4):836–41

Plasmid coding for transferable drug resistance in bacteria isolated from cultured rainbow trout. Toranzo AE, et al. **Appl Environ Microbiol** 1984 Oct;48(4):872–7

The structure of the mer operon. Barrineau P, et al. **Basic Life Sci** 1985;30:707–18

Broad host-range plasmid R1162: replication, incompatibility, and copy-number control. Meyer RJ, et al. **Basic Life Sci** 1985;30:173–88

Genetics of clindamycin resistance in Bacteroides. Smith CJ, et al. **Basic Life Sci** 1985;30:555–70

Some effects of plasmids coding for antibiotic resistance on the virulence of Staphylococcus aureus. Kinsman OS, et al. **Br J Exp Pathol** 1985 Jun;66(3):325–32

Isolation and characterization of antibiotic-resistance plasmids in thermophilic bacilli. Hoshino T, et al. **Can J Microbiol** 1985 Apr;31(4):339–45

Genetic relationship between pUB110 and antibiotic-resistant plasmids obtained from thermophilic bacilli. Hoshino T, et al. **Can J Microbiol** 1985 Jul;31(7):614–9

A growing clinical problem: plasmid-determined resistance to aminocyclitol-aminoglycosides in enterobacteria. Gómez-Lus R, et al. **Chemioterapia** 1984 Dec;3(6):368–70

Diagnostic microbiology laboratory susceptibility test results discriminate distinctive antibiotic resistance plasmids. Kishi H, et al. **Diagn Microbiol Infect Dis** 1984 Sep;2(4):309–16

Cloning the origin of transfer region of the resistance plasmid R1. Ostermann E, et al. **EMBO J** 1984 Aug;3(8):1731–5

Frequency of plasmid-determined beta-lactamases in 680 consecutively isolated strains of Enterobacteriaceae [letter] Roy C, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):146–7

Purification and characterization of a plasmid-encoded aminoglycoside-(3)-N-acetyltransferase IV from Escherichia coli. Bräu B, et al. **FEBS Lett** 1985 Jun 3; 185(1):43–6

Transfer of liposome-encapsulated plasmid DNA to Bacillus subtilis protoplasts and calcium-treated Escherichia coli cells. Holubová I, et al. **Folia Microbiol (Praha)** 1985; 30(2):97–100

Beta-lactam antibiotics resistant Rothia dentocariosa from infected postoperative maxillary cyst: studies on R-plasmid and beta-lactamase. Minato K, et al. **Gen Pharmacol** 1984; 15(4):287–92

Expression of a chloramphenicol-resistance determinant carried on hybrid plasmids in gram-positive and gram-negative bacteria. Brückner R, et al. **Gene** 1984 Dec; 32(1–2):151–60

Construction of Staphylococcus plasmid vector pCA43 conferring resistance to chloramphenicol, arsenate, arsenite and antimony. Kreutz B, et al. **Gene** 1984 Nov; 31(1–3):301–4

Physical and genetic map of the organomercury resistance (Omr) and inorganic mercury resistance (Hgr) loci of the IncM plasmid R831b. Ogawa HI, et al. **Gene** 1984 Dec; 32(3):311–20

Expression of prokaryotic genes for hygromycin B and G418 resistance as dominant-selection markers in mouse L cells. Santerre RF, et al. **Gene** 1984 Oct;30(1–3):147–56

Broad host range cloning vectors for gram-negative bacteria. Sharpe GS. **Gene** 1984 Jul–Aug;29(1–2):93–102

Nucleotide sequence of the gene, protein purification and characterization of the pSC101-encoded tetracycline resistance-gene-repressor. Unger B, et al. **Gene** 1984 Nov; 31(1–3):103–8

Transcriptional organization of the Tra2 region controlling conjugational transfer of the narrow host range Pseudomonas aeruginosa plasmid R91-5. Moore RJ, et al. **Genet Res** 1985 Apr;45(2):119–25

Genome organization of the Pseudomonas aeruginosa narrow host range plasmid R91-5 determined by deletion and cloning analysis. Moore RJ, et al. **Genet Res** 1985 Apr; 45(2):195–8

Colicin production & coexistence of Col+ plasmid with R-plasmid in Salmonellae. Sharma PL, et al. **Indian J Med Res** 1984 May;79:591–3

Transfer of antibiotic resistance from Escherichia coli of human origin to Salmonella typhimurium in the intestinal tract of suckling rats. Yadava JN, et al. **Indian J Med Res** 1985 May;81:441–7

Spontaneous loss of drug resistance under laboratory conditions in clinical isolates of Escherichia coli. Yadava JN, et al. **Indian J Med Res** 1984 Aug;80:148–54

Prevalence of R factor carrying multiple drug resistant E. coli strains from cases of diarrhoea in children, U. T. I. and other clinical conditions. Aggarwal RK, et al. **Indian J Med Sci** 1984 Sep;38(9):169–76

R-plasmids in intestinal Escherichia coli. Prabhakar H, et al. **Indian J Pathol Microbiol** 1984 Apr;27(2):133–8

The distribution of R-plasmids in various O-antigen types of Escherichia coli from human sources. Rangnekar VM, et al. **Indian J Pathol Microbiol** 1984 Apr;27(2):67–73

Transmissible drug resistance in Proteus mirabilis. Rao RS, et al. **Indian J Pathol Microbiol** 1984 Jan;27(1):37–42

Plasmid-mediated susceptibility to intestinal microbial antagonisms in Escherichia coli. Andremont A, et al. **Infect Immun** 1985 Sep;49(3):751–5

Cloning of mitochondrially determined oligomycin resistance, oli-1 in yeast. Mabuchi T, et al. **J Antibiot (Tokyo)** 1985 Apr;38(4):505–12

Cloning of streptomycin resistance gene from a streptomycin producing streptomycete. Tohyama H, et al. **J Antibiot (Tokyo)** 1984 Dec;37(12):1736–7

The enhancement of R-plasmid-mediated resistance to aminoglycoside antibiotics by mutations to nitrofurantoin resistance in Escherichia coli. Breeze AS, et al. **J Antimicrob Chemother** 1984 Nov;14(5):477–83

Presence of two unique genes encoding macrolide-lincosamide-streptogramin resistance in members of the Bacteroides fragilis group as determined by DNA-DNA homology. Callihan DR, et al. **J Antimicrob Chemother** 1984 Oct;14(4):329–38

Distribution of plasmid-borne resistance to nucleic acid binding compounds in methicillin-resistant Staphylococcus aureus. Townsend DE, et al. **J Antimicrob Chemother** 1985 Apr;15(4):417–34

Transposition of gentamicin resistance to staphylococcal plasmids encoding resistance to cationic agents. Townsend DE, et al. **J Antimicrob Chemother** 1984 Aug;14(2):115–24

Trimethoprim resistance plasmids in Escherichia coli isolated from cases of diarrhoea in cattle, pigs and sheep. Wise PJ, et al. **J Appl Bacteriol** 1985 Jun;58(6):555–61

Molecular analysis of transferable tetracycline resistance plasmids from Clostridium perfringens. Abraham LJ, et al. **J Bacteriol** 1985 Feb;161(2):636–40

Transposable lambda placMu bacteriophages for creating lacZ operon fusions and kanamycin resistance insertions in Escherichia coli. Bremer E, et al. **J Bacteriol** 1985 Jun; 162(3):1092–9

Separate resistances to arsenate and arsenite (antimonate) encoded by the arsenical resistance operon of R factor R773. Chen CM, et al. **J Bacteriol** 1985 Feb;161(2):758–63

Tetracycline resistance element of pBR322 mediates potassium transport. Dosch DC, et al. **J Bacteriol** 1984 Dec; 160(3):1188–90

Some mercurial resistance plasmids from different incompatibility groups specify merR regulatory functions that both repress and induce the mer operon of plasmid R100. Foster TJ, et al. **J Bacteriol** 1985 May;162(2):773–6

Stable inheritance of plasmid R1 requires two different loci. Gerdes K, et al. **J Bacteriol** 1985 Jan;161(1):292–8

Identification and mapping of regions of the plasmid pKM101 which influence the growth rate and resistance to phleomycin E of Escherichia coli WP2. Hall RM. **J Bacteriol** 1985 Sep;163(3):1142–6

Structural organization of a 67-kilobase streptococcal conjugative element mediating multiple antibiotic resistance. Inamine JM, et al. **J Bacteriol** 1985 Feb; 161(2):620–6

In vitro deletions in the partition locus of plasmid pSC101. Kalla SR, et al. **J Bacteriol** 1984 Oct;160(1):434–7

Heterologous repressor-operator recognition among four classes of tetracycline resistance determinants. Klock G, et al. **J Bacteriol** 1985 Jan;161(1):326–32

Transposon Tn10-like tetracycline resistance determinants in Haemophilus parainfluenzae. Levy SB, et al. **J Bacteriol** 1984 Oct;160(1):87–94

Enzymatic and nucleotide sequence studies of a kanamycin-inactivating enzyme encoded by a plasmid from thermophilic bacilli in comparison with that encoded by plasmid pUB110. Matsumura M, et al. **J Bacteriol** 1984 Oct;160(1):413–20

Alcaligenes eutrophus CH34 is a facultative chemolithotroph with plasmid-bound resistance to heavy metals. Mergeay M, et al. **J Bacteriol** 1985 Apr;162(1):328–34

Organization of the Tn6-related kanamycin resistance transposon Tn2680 carrying two copies of IS26 and an IS903 variant, IS903. B. Mollet B, et al. **J Bacteriol** 1985 Jul;163(1):55–60

Structural and functional analyses of the fosfomycin resistance transposon Tn2921. Navas J, et al. **J Bacteriol** 1985 Jun;162(3):1061–7

Molecular cloning of tetracycline resistance genes from Streptomyces rimosus in Streptomyces griseus and characterization of the cloned genes. Ohnuki T, et al. **J Bacteriol** 1985 Mar;161(3):1010–6

Drug resistance gene amplification of plasmid NR1 derivatives with various amounts of resistance determinant DNA. Peterson BC, et al. **J Bacteriol** 1985 Mar; 161(3):1042–8

High incidence of transposon Tn3 insertions into a replication control gene of the chimeric R/Ent plasmid pCG86 of Escherichia coli. Picken RN, et al. **J Bacteriol** 1984 Oct; 160(1):430–3

Evidence that the clindamycin-erythromycin resistance gene of Bacteroides plasmid pBF4 is on a transposable element. Shoemaker NB, et al. **J Bacteriol** 1985 May;162(2):626–32

Characterization of Bacteroides ovatus plasmid pBI136 and structure of its clindamycin resistance region. Smith CJ. **J Bacteriol** 1985 Mar;161(3):1069–73

Copy mutant of mini-Rts1: lowered binding affinity of mutated RepA protein to direct repeats. Terawaki Y, et al. **J Bacteriol** 1985 Apr;162(1):72–7

IncFII plasmid incompatibility product and its target are both RNA transcripts. Womble DD, et al. **J Bacteriol** 1984 Oct; 160(1):28–35

Conjugal transfer of bacterial chromosomes mediated by the RK2 plasmid transfer origin cloned into transposon Tn5. Yakobson EA, et al. **J Bacteriol** 1984 Oct;160(1):451–3

Evidence for the dispersion and evolution of R-plasmids from Serratia marcescens in a hospital. Mendoza MC, et al. **J Hosp Infect** 1985 Jun;6(2):147–53

Transferable amikacin and cefamandole resistance: Pseudomonas maltophilia and Acinetobacter strains as possible reservoirs of R plasmids. Krčméry V, et al. **J Hyg Epidemiol Microbiol Immunol** 1985;29(2):141–6

Plasmid characterization of drug-resistant Shigella dysenteriae 1 from an epidemic in Central Africa. Frost JA, et al. **J Hyg (Lond)** 1985 Apr;94(2):163–72

Escherichia coli 0142.H6; a drug-resistant enteropathogenic clone? Gross RJ, et al. **J Hyg (Lond)** 1985 Apr;94(2):181–91

Genetic control of natural resistance to Salmonella typhimurium in mice during the late phase of infection. O'Brien AD, et al. **J Immunol** 1984 Dec;133(6):3313–8

Molecular epidemiology of transmissible gentamicin resistance among coagulase-negative staphylococci in a cardiac surgery unit. Archer GL, et al. **J Infect Dis** 1985 Feb;151(2):243–51

Emergence of a multiple beta-lactam-resistance phenotype in group B streptococci of bovine origin. Berghash SR, et al. **J Infect Dis** 1985 Mar;151(3):494–500

Conjugation of plasmids of Neisseria gonorrhoeae to other Neisseria species: potential reservoirs for the beta-lactamase plasmid. Genco CA, et al. **J Infect Dis** 1984 Sep;150(3):397–401

Molecular epidemiology of plasmid-mediated ampicillin resistance in Haemophilus influenzae type b isolates from Alaska. Mendelman PM, et al. **J Infect Dis** 1985 Jun; 151(6):1061–72

Survey of plasmids in Salmonella typhi from Chile and Thailand. Murray BE, et al. **J Infect Dis** 1985 Mar; 151(3):551–5

Conjugative R plasmids in antimicrobial resistance of Staphylococcus aureus causing nosocomial infections. Schaberg DR, et al. **J Infect Dis** 1985 Jul;152(1):43–9

Development of a DNA probe for the structural gene of the 2'-O-adenyltransferase aminoglycoside-modifying enzyme. Tenover FC, et al. **J Infect Dis** 1984 Nov; 150(5):678–87

Antibiotic resistance in Staphylococcus aureus isolated at an Australian hospital between 1946 and 1981. Gillespie MT, et al. **J Med Microbiol** 1985 Apr;19(2):137–47

Evolution of Australian isolates of methicillin-resistant Staphylococcus aureus: a problem of plasmid incompatibility? Townsend DE, et al. **J Med Microbiol** 1985 Aug;20(1):49-61

A 140 base-pair DNA segment from the kanamycin resistance region of plasmid R1 acts as an origin of replication and promotes site-specific recombination. Clerget M. **J Mol Biol** 1984 Sep 5;178(1):35-46

Genes for gentamicin-(3)-N-acetyl-transferases III and IV. II. Nucleotide sequences of three AAC(3)-III genes and evolutionary aspects. Allmansberger R, et al. **MGG** 1985; 198(3):514-20

Involvement of kil and kor genes in the phenotype of a host-range mutant of RP4. Barth PT, et al. **MGG** 1984; 197(2):236-43

Cointegration and resolution mediated by IS101 present in plasmid pSC101. Ishizaki K, et al. **MGG** 1985;199(3):388-95

Mercury-resistant plasmids in bacteria from a mercury and antimony deposit area. Khesin RB, et al. **MGG** 1984; 197(2):280-5

Transcription and its regulation in the basic replicon region of plasmid R1. Light J, et al. **MGG** 1985;198(3):503-8

Evolutionary relationship between Tn21-like elements and pBP201, a plasmid from Klebsiella pneumoniae mediating resistance to gentamicin and eight other drugs. Schmidt F, et al. **MGG** 1984;197(1):109-19

R-plasmids carried by nosocomial strains of Serratia marcescens: host range and stability. Mendez FJ, et al. **Microbiol Esp** 1984 Jan-Jun;37(1-2):1-8

Isolation of a new drug-resistance plasmid from a strain of Vibrio parahaemolyticus. Arai T, et al. **Microbiol Immunol** 1985;29(2):103-12

Nucleotide sequence of the replication region of plasmid R401 and its incompatibility function. Tabuchi A. **Microbiol Immunol** 1985;29(5):383-93

R factor-mediated adhesiveness to mammalian cells in E. coli K12. Mignatti P, et al. **Microbiologica** 1985 Apr; 8(2):101-11

Degradation of human fibronectin by strains of E. coli K12 carrying R factors from Klebsiella pneumoniae. Mignatti P, et al. **Microbiologica** 1985 Jan;8(1):67-71

R68.45 plasmid mediated conjugation in Thiobacillus A2. Plasota M, et al. **Microbios** 1984;41(164):81-9

Complementation of a pKM101 derivative that decreases resistance to UV killing but increases susceptibility to mutagenesis. Langer PJ, et al. **Mutat Res** 1985 Jun-Jul; 150(1-2):147-58

Protective effect of R-factor plasmid pKM101 on lethal damage by UV and chemical mutagens in E. coli strains with different DNA-repairing capacities. Nunoshiba T, et al. **Mutat Res** 1984 Nov-Dec;141(3-4):135-9

Incompatibility groups of R plasmids in Escherichia coli isolated from animal waste. Hanzawa Y, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):453-7

Completion of the nucleotide sequence of the central region of Tn5 confirms the presence of three resistance genes. Mazodier P, et al. **Nucleic Acids Res** 1985 Jan 11; 13(1):195-205

Multiple antibiotic resistance in Staphylococcus aureus and Staphylococcus epidermidis: plasmids in strains associated with nosocomial infection. Tennent JM, et al. **Pathology** 1984 Jul;16(3):250-5

Cloning and analysis of the Clostridium perfringens tetracycline resistance plasmid, pCW3. Abraham LJ, et al. **Plasmid** 1985 May;13(3):155-62

Worldwide distribution of the conjugative Clostridium perfringens tetracycline resistance plasmid, pCW3. Abraham LJ, et al. **Plasmid** 1985 Jul;14(1):37-46

Isolation and preliminary characterization of a plasmid mutant derepressed for conjugal transfer in Staphylococcus aureus. Asch DK, et al. **Plasmid** 1984 Nov;12(3):197-202

Cloning and molecular analysis of the finO region from the antibiotic-resistance plasmid R6-5. Cheah KC, et al. **Plasmid** 1984 Nov;12(3):222-6

Analysis of the R16 plasmid primase gene. Dalrymple BP, et al. **Plasmid** 1984 Nov;12(3):206-10

A physical map of pPH1JI and pJB4JI. Hirsch PR, et al. **Plasmid** 1984 Sep;12(2):139-41

Nucleotide sequence analysis of a gene encoding a streptomycin/spectinomycin adenylyltransferase. Hollingshead S, et al. **Plasmid** 1985 Jan;13(1):17-30

Phylogenetic relationships among Vibrio anguillarum plasmids. Mitoma Y, et al. **Plasmid** 1984 Nov;12(3):143-8

R1767, an example of the evolution of resistance plasmids. Nies BA, et al. **Plasmid** 1985 May;13(3):163-72

Control of replication of FII plasmids: comparison of the basic replicons and of the copB systems of plasmids R100 and R1. Nordström M, et al. **Plasmid** 1985 Mar;13(2):81-7

Construction and characterization of plasmid vectors for cloning in the entomocidal organism Bacillus sphaericus 1593. Norton NB, et al. **Plasmid** 1985 May;13(3):211-4

Identification of an Rts1 DNA fragment conferring temperature-dependent instability to vector plasmids. Okawa N, et al. **Plasmid** 1985 Mar;13(2):88-98

Analysis of a region in plasmid R386 containing two functional replicons. Robinson P, et al. **Plasmid** 1985 Jul; 14(1):28-36

A restriction map of Bacillus subtilis tetracycline-resistance plasmid pNS1981. Shishido K, et al. **Plasmid** 1984 Jul; 12(1):65-6

Comparison of the transposon-like structures encoding clindamycin resistance in Bacteroides R-plasmids. Smith CJ, et al. **Plasmid** 1985 May;13(3):182-92

Plasmid-borne streptothricin resistance in gram-negative bacteria. Tschäpe H, et al. **Plasmid** 1984 Nov;12(3):189-96

Construction and characterization of chimeric beta-lactamase plasmids of Neisseria gonorrhoeae with altered ability to be mobilized during conjugation. Tenover FC, et al. **Sex Transm Dis** 1985 Apr-Jun;12(2):76-82

Plasmid patterns and in-vitro susceptibility of penicillinase-producing Neisseria gonorrhoeae with emphasis on thiamphenicol: results of surveillance in The Netherlands. van Klingeren B, et al. **Sex Transm Dis** 1984 Oct-Dec;11(4 Suppl):364-5

R plasmid-borne transferable multiple antibiotic resistance in a clinical isolate of Proteus sp in Peninsular Malaysia. Koh CL, et al. **Singapore Med J** 1984 Oct;25(5):300-3

Characterization of plasmids from clinical isolates of Bacteroides. Soong TW, et al. **Singapore Med J** 1984 Jun; 25(3):146-51

Nonconjugative R plasmid-mediated antibiotic resistance in Escherichia coli isolated from animals in Peninsular Malaysia. Koh CL, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep; 15(3):313-6

Thoughts of the medical microbiologist on the use of antimicrobial drugs in animals. Lebek G. **Zentralbl Bakteriol Mikrobiol Hyg** [A] 1984 Oct; 258(1):135-40

Survey of resistance to metals and volatilization activity of Hg-resistant R plasmids in Citrobacter isolated from clinical lesions in Japan. Nakahara H, et al. **Zentralbl Bakteriol Mikrobiol Hyg** [A] 1984 Aug; 257(3):400-8

[Conjugational plasmid transfer from A, B and H streptococci to N streptococci] Riemelt I, et al. **Z Allg Mikrobiol** 1984; 24(10):719-23 (Eng. Abstr.) **(Ger)**

[The change in resistance factors on immunotherapy in patients with recurrent infectious diseases] Furuuchi I, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Feb;88(2):169-84 (Eng. Abstr.) **(Jpn)**

[Gentamicin resistance in clinical strains of microorganisms: genetic control and biochemical mechanisms of resistance] Abadzhieva AN, et al. **Antibiot Med Biotekhnol** 1985 Jan; 30(1):65-75 (102 ref.) **(Rus)**

[Resistance to organic tin compounds mediated by plasmids of bacteria of Pseudomonas genus] Anisimova LA, et al. **Antibiot Med Biotekhnol** 1985 May;30(5):337-41 (Eng. Abstr.) **(Rus)**

[Role of the conjugative transfer of R-plasmids in competitive interactions between plasmid-containing and plasmid-free strains of Escherichia coli in continuous culture] Boronin AM, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):22-7 (Eng. Abstr.) **(Rus)**

[Cis-active function of plasmid R 57 resolving co-integrates formed during transposition of ISI-elements] Danilevich VN. **Antibiot Med Biotekhnol** 1985 Mar;30(3):166-70 (Eng. Abstr.) **(Rus)**

[Tetracycline resistance controlled by plasmids of Pseudomonas aeruginosa with a wide spectrum of bacterial hosts] Kozlova EV, et al. **Antibiot Med Biotekhnol** 1985 Feb;30(2):83-6 (Eng. Abstr.) **(Rus)**

[Characteristics of R plasmids expressed by dysenteric bacteria] Shishkina ZV, et al. **Antibiot Med Biotekhnol** 1985 May;30(5):348-51 (Eng. Abstr.) **(Rus)**

[Polyresistant Enterobacteriaceae strains and their plasmids in a hospital. Medical and theoretical aspects] Belokrysenko SS, et al. **Antibiotiki** 1984 Dec;29(12):924-31 (Eng. Abstr.) **(Rus)**

[R plasmids of Pseudomonas aeruginosa] Boronin AM, et al. **Antibiotiki** 1984 Sep;29(9):678-95 (126 ref.) **(Rus)**

[Various epidemiological aspects of the study of plasmids in Salmonella drug-resistance] Rozhnova SSh, et al. **Antibiotiki** 1984 Nov;29(11):819-23 (Eng. Abstr.) **(Rus)**

[R-factor from the natural strain of Salmonella derby carrying a DNA-polymerase gene] Sarkisian NN, et al. **Biokhimiia** 1985 Apr;50(4):673-9 (Eng. Abstr.) **(Rus)**

[Identification of the number of mutant copies of the genetic transfer factor AP42] Gubar' EV, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):223-6 (Eng. Abstr.) **(Rus)**

[Physical and genetic organization of the plasmid R15] Dobritsa AP, et al. **Genetika** 1985 May;21(5):748-55 (Eng. Abstr.) **(Rus)**

[Plasmids for naphthalene biodegradation incompatible with IncP-2 and IncP-7 group plasmids] Kochetkov VV, et al. **Genetika** 1985 Apr;21(4):522-9 (Eng. Abstr.) **(Rus)**

[Stability and dynamics of R-plasmids in Escherichia coli populations in continuous cultivation] Filonov AE, et al. **Mikrobiologiia** 1985 Mar-Apr;54(2):227-32 (Eng. Abstr.) **(Rus)**

[R-factors of mercury resistance in bacteria isolated in the mercury-antimony deposit region] Khesin RB. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):505-15 (Eng. Abstr.) **(Rus)**

[Effect of the transfer of the R plasmids of resistant Salmonella typhimurium strains of different origins on the phage sensitivity of Salmonella typhimurium] Iakovleva ON, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov; (11):40-4 (Eng. Abstr.) **(Rus)**

[Rec-A-independent molecular rearrangements between R plasmids of the FII incompatibility group] Cruz Reyes J, et al. **Rev Latinoam Microbiol** 1984 Oct-Dec;26(4):335-45 (Eng. Abstr.) **(Spa)**

[Effect of F-prime, Col factor and R factor on the mutation phenotype in the Escherichia coli K12 strain] Kalaycioğlu A. **Mikrobiyol Bul** 1985 Jul;19(3):127-32 (Eng. Abstr.) **(Tur)**

DRUG EFFECTS

Effect of bambermycins, in vitro, on plasmid-mediated antimicrobial resistance. George BA, et al. **Am J Vet Res** 1984 Nov;45(11):2336-41

Loss of plasmid linked drug resistance after treatment with Iodo-deoxyuridine. Chakrabartty PK, et al. **Indian J Exp Biol** 1984 Jun;22(6):333-4

R-plasmid mediated drug resistance to Proteus species. Gupta A, et al. **J Commun Dis** 1984 Dec;16(4):311-6

Trimethoprim resistance in multiple genera of Enterobacteriaceae at a U.S. hospital: spread of the type II dihydrofolate reductase gene by a single plasmid. Mayer KH, et al. **J Infect Dis** 1985 May;151(5):783-9

Mercuric ion-resistance operons of plasmid R100 and transposon Tn501: the beginning of the operon including the regulatory region and the first two structural genes. Misra TK, et al. **Proc Natl Acad Sci USA** 1984 Oct; 81(19):5975-9

[Effect of plasmids for multiple antibiotic resistance on the change in Salmonella typhimurium phagovar] Kaftyreva LA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct; (10):49-52 (Eng. Abstr.) **(Rus)**

R PLASMIDS see **R FACTORS**

RABBIT POX VIRUS see under **POXVIRIDAE**

RABBITS

Failure of trypanosomal membrane antigens to induce protection against tsetse-transmitted Trypanosoma vivax or T. brucei in goats and rabbits. Rovis L, et al. **Acta Trop (Basel)** 1984 Sep;41(3):227-36

Leukaemic neoplasia in free-living mammals in Denmark. Elvestad K, et al. **Acta Vet Scand** 1985;26(1):61-71

Amaranthus retroflexus (redroot pigweed): inability to cause renal toxicosis in rabbits. Schamber GJ, et al. **Am J Vet Res** 1985 Jan;46(1):266-7

Oral papillomatosis in New Zealand white rabbits. Sundberg JP, et al. **Am J Vet Res** 1985 Mar;46(3):664-8

Comparative efficacy of injection routes and doses of ivermectin against Psoroptes in rabbits. Wright FC, et al. **Am J Vet Res** 1985 Mar;46(3):752-4

Serum protein changes and their correlation with antibody production in rabbits following induced Setaria cervi infection. Khatoon H, et al. **Angew Parasitol** 1984 Nov; 25(4):203-7

Infectious agents associated with diarrhoea in commercial rabbits: a field study. Peeters JE, et al. **Ann Rech Vet** 1984; 15(3):335-40

An improved rabbit restraint for chronic hind limb studies. Meals RA. **Clin Orthop** 1985 Jan-Feb;(192):275-7

An improved method for restraining rabbits for examination of the eye. Maurice DM, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1220-1

Improved method for restraining rabbits for examination of the eye [letter] Topper JE, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1189-90

Suppurative osteomyelitis in the foot of a rabbit. Liebenberg SP, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1382

Lincomycin-associated enterocolitis in rabbits. Maiers JD, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):670-1

Experimental transmission of the Lyme disease spirochete to rabbits [letter] Benach JL, et al. **J Infect Dis** 1984 Nov; 150(5):786-7

Spontaneous degenerative spinal disease in the laboratory rabbit. Green PW, et al. **J Orthop Res** 1984;2(2):161-8

Pathology and epizootiology of Dirofilaria scapiceps (Leidy, 1886) (Nematoda: Filarioidea) in Sylvilagus floridanus (J.A. Allen) and Lepus americanus erxleben. Bartlett CM. **J Wildl Dis** 1984 Jul;20(3):197-206

Head tilt in rabbits caused by pasteurellosis and encephalitozoonosis. Kunstýř I, et al. **Lab Anim** 1985 Jul; 19(3):208-13

Salmonella ochiogu: experimental infection of laboratory rabbits (Oryctolagus cuniculus). Onyekaba CO. **Lab Anim** 1985 Jan;19(1):32-4

Lipid keratopathy and atheromatosis in an SPF laboratory rabbit colony attributable to diet. Sebesteny A, et al. **Lab Anim** 1985 Jul;19(3):180-8

Diagnostic exercise.Mange due to Sarcoptes scabiei. Lin SL, et al. **Lab Anim Sci** 1984 Aug;34(4):353-5

Comparison of tests for the diagnosis of spontaneous encephalitozoonosis in rabbits. Pakes SP, et al. **Lab Anim Sci** 1984 Aug;34(4):356-9

The rabbit as a research subject. Fox RR. **Physiologist** 1984 Dec;27(6):393-402 (90 ref.)

Maternal toxicity: a possible etiological factor in embryo-fetal deaths and fetal malformations of rodent-rabbit species. Khera KS. **Teratology** 1985 Feb; 31(1):129-53

Infectious nature of Clostridium spiroforme-mediated rabbit enterotoxaemia. Carman RJ, et al. **Vet Microbiol** 1984 Sep; 9(5):497-502

The effects of single and multiple doses of thiabendazole on growing and arrested stages of the rabbit stomach worm Obeliscoides cuniculi. Watkins AR, et al. **Vet Parasitol** 1984 Nov;16(3-4):295-302

Pulmonary aspergillosis in apparently healthy young rabbits.

Matsui T, et al. **Vet Pathol** 1985 May;22(3):200-5

Spontaneous malignant hemangioendothelioma in two rabbits. Pletcher JM, et al. **Vet Pathol** 1984 Sep;21(5):542-4

Ocular lesions of 6-aminonicotinamide toxicosis in rabbits. Render JA, et al. **Vet Pathol** 1985 Jan;22(1):72-7

Listeriosis in a rabbit. Watson GL, et al. **Vet Pathol** 1985 Mar;22(2):191-3

Comparative pathology of endometrial carcinoma. Elsinghorst TA, et al. **Vet Q** 1984 Sep;6(4):200-8 (62 ref.)

[The pathology of ther reproducing female rabbit: a comparative, descriptive study of morbidity phenomena observed during the reproduction o purebred strains of rabbit] Coudert P, et al. **Ann Rech Vet** 1984;15(4):535-41 (Eng. Abstr.) **(Fre)**

[Treatment of ear mange in rabbits with ivermectin] Prosl H, et al. **Berl Munch Tierarztl Wochenschr** 1985 Feb 1; 98(2):45-7 (Eng. Abstr.) **(Ger)**

[Anesthesia procedures in the rabbit] Erhardt W. **Tierarztl Prax** 1984;12(3):391-402 (31 ref.) (Eng. Abstr.) **(Ger)**

[Vaccination of rabbits and fur animals] Matthes S. **Tierarztl Prax** 1985;13(1):107-12 (Eng. Abstr.) **(Ger)**

[A method for developing hereditary deficiency of complement component in the rabbit] Komatsu M. **Jikken Dobutsu** 1985 Apr;34(2):173-82 (Eng. Abstr.) **(Jpn)**

ANATOMY & HISTOLOGY

Innervation pattern of intrinsic laryngeal musculature of the rabbit. Cecio A, et al. **Acta Anat (Basel)** 1984;120(4):234-9

Histochemical fiber composition of lumbar back muscles in the rabbit. McFadden KD, et al. **Acta Anat (Basel)** 1984; 120(3):146-50

Alterations in epithelial glycocalyx of rabbit uteri during early pseudopregnancy and pregnancy, and following ovariectomy. Anderson TL, et al. **Am J Anat** 1984 Nov; 171(3):321-34

Development of the vascular bed in the rabbit ear: scanning electron microscopy of vascular corrosion casts. Morris JL, et al. **Am J Anat** 1984 Sep;171(1):75-89

Resistance vessels supplying the median eminence of the rabbit, rat, and cat. Page RB, et al. **Anat Rec** 1984 Dec; 210(4):647-55

Cellular structure of the conjunctival epithelium of rabbits. Steuhl P, et al. **Graefes Arch Clin Exp Ophthalmol** 1984; 221(6):265-71

Isolation and ultrastructure of rabbit ovarian mesothelium (surface epithelium). Nicosia SV, et al. **Int J Gynecol Pathol** 1984;3(4):348-60

On the location and size of laryngeal motoneurons in the cat and rabbit. Davis PJ, et al. **J Comp Neurol** 1984 Nov 20;230(1):13-32

Interendothelial cytoplasmic bridge of blood sinus in rabbit sinus hair. Katsume Y, et al. **J Electron Microsc (Tokyo)** 1984;33(2):175-7

Sebaceous gland hyperplasia on rabbit pinna induced by tetradecane. Ito M, et al. **J Invest Dermatol** 1985 Sep; 85(3):249-54

Starburst amacrine cells: morphological constancy and systematic variation in the anisotropic field of rabbit retinal neurons. Famiglietti EV. **J Neurosci** 1985 Feb;5(2):562-77

Lymph vessels of the rabbit heart: distribution and fine structure in ventricles. Marchetti C, et al. **Lymphology** 1985 Jun;18(2):90-5

A digit replantation model. Haines P, et al. **Microsurgery** 1985;6(2):70-2

The middle meningeal and stapedial arteries of the rabbit. Tominaga S. **Okajimas Folia Anat Jpn** 1984 Aug; 61(2-3):113-31

Preparation of isolated Müller cells of the mammalian (rabbit) retina. Reichenbach A, et al. **Z Mikrosk Anat Forsch** 1984; 98(5):789-92

Lamination of the superficial layers of the rabbit's superior colliculus. Schönitzer K. **Z Mikrosk Anat Forsch** 1984; 98(3):353-61

[Effect of genotype, age and season on preovulatory follicles in the rabbit 8 hours after mating] Hulot F, et al. **Reprod Nutr Dev** 1985;25(1A):17-32 (Eng. Abstr.) **(Fre)**

[Differentiation of synovial tissue to fibrocartilage as exemplified by the suprapatellar cartilage of the rabbit] Bidier I, et al. **Anat Histol Embryol** 1984 Sep;13(3):231-42 (Eng. Abstr.) **(Ger)**

[Postnatal development of the sound-transporting apparatus in the middle ear of rabbits] Schönfelder J, et al. **Gegenbaurs Morphol Jahrb** 1985;131(1):31-41 (Eng. Abstr.) **(Ger)**

[Histometric studies of the genital tract of rabbits in the postpartum phase] Munsel M, et al. **Zentralbl Veterinarmed** [A] 1985 Mar;32(3):161-78 (Eng. Abstr.) **(Ger)**

[Arterial supply to the masseter muscle in rabbit] Suzuki T. **Kaibogaku Zasshi** 1984 Apr;59(2):122-30 **(Jpn)**

BLOOD

Arylesterase activities in the plasma of rats, rabbits and humans on low- and high-cholesterol diets. Beynen AC, et al. **Comp Biochem Physiol [B]** 1984;78(3):669-73

Plasma lipoprotein profiles and arylesterase activities in two inbred strains of rabbits with high or low response of plasma cholesterol to dietary cholesterol. Beynen AC, et al. **Comp Biochem Physiol [B]** 1984;79(3):401-6

Seasonal changes in plasma testosterone, thyroxine, and cortisol levels in wild rabbits (Oryctolagus cuniculus algirus) of Zembra island. Ben Saad M, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):383-8

Cortisol and aldosterone comparisons of cottontail rabbits collected by shooting, trapping, and falconry. Hamilton GD, et al. **J Wildl Dis** 1985 Jan;21(1):40-2

Composition of cholesterol esters in blood plasma of mouse, rat and rabbit. Akahori A, et al. **Jikken Dobutsu** 1985 Jan; 34(1):77-80

Some aspects of maternal metabolism throughout pregnancy in the conscious rabbit. Gilbert M, et al. **Pediatr Res** 1984 Sep;18(9):854-9

[Changes in plasma parameters in rabbit does as a function of their physiological state and feed rationing] Viard-Drouet F, et al. **Ann Rech Vet** 1984;15(3):417-24 (Eng. Abstr.) **(Fre)**

[Seasonal cycles of plasma testosterone and cortisol in the wild rabbit (Oryctolagus cuniculus algirus Loche) of Zembra Island, studied in its natural biotope and in captivity] Ben Saad M, et al. **C R Soc Biol (Paris)** 1984; 178(6):677-83 (Eng. Abstr.) **(Fre)**

GENETICS

Study of the mutagenic effect of Redentin on various species of animals. Selypes A, et al. **Acta Vet Hung** 1984; 32(3-4):213-7

Genetic variation of haemoglobin alpha- and beta-chains in rabbits detected by isoelectric focusing and reversed-phase chromatography. Andersson L, et al. **Anim Blood Groups Biochem Genet** 1985;16(1):41-50

The effect of selective breeding on the development of coronary atherosclerosis in WHHL rabbits. An animal model for familial hypercholesterolemia. Watanabe Y, et al. **Atherosclerosis** 1985 Jul;56(1):71-9

Heterogeneity of Es-1 esterases in the rabbit (Oryctolagus cuniculus). Bellen H, et al. **Biochem Genet** 1984 Oct; 22(9-10):853-70

Heterogeneity of myosin isozyme content of rabbit heart. Litten RZ, et al. **Circ Res** 1985 Sep;57(3):406-14

Evolution of chromosomal variation in cottontails, genus Sylvilagus (Mammalia: Lagomorpha). II. Sylvilagus audubonii, S. idahoensis, S. nuttallii, and S. palustris. Robinson TJ, et al. **Cytogenet Cell Genet** 1984;38(4):282-9

The structural and genetic basis for expression of normal and latent VHa allotypes of the rabbit. Mage RG, et al. **Mol Immunol** 1984 Nov;21(11):1067-81 (83 ref.)

Production of transgenic rabbits, sheep and pigs by microinjection. Hammer RE, et al. **Nature** 1985 Jun 20-26; 315(6021):680-3

Variability within the rabbit C repeats and sequences shared with other SINES. Hardison RC, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1073-88

GROWTH & DEVELOPMENT

Dimensions of the rabbit femur during growth. Rudicel S, et al. **Am J Vet Res** 1985 Jan;46(1):268-9

The growing rabbit with a solitary, partially-obstructed kidney. Analysis of an experimental model with reference to the renal concentrating ability. Kekomäki M, et al. **J Urol** 1985 May;133(5):870-2

IMMUNOLOGY

Malignant rabbit fibroma syndrome. A possible model for acquired immunodeficiency syndrome (AIDS). Strayer DS, et al. **Am J Pathol** 1985 Jul;120(1):170-1

Characterization of the b99 allotype of rabbit immunoglobulin kappa 1 light chain. Benammar A, et al. **Ann Immunol (Paris)** 1984 Sep-Oct;135D(2):135-44

Comparison of immune response stimulated in sheep, rabbits and guinea pigs by the administration of multi-component clostridial vaccines. Webster AC, et al. **Aust Vet J** 1985 Apr;62(4):112-4

Pasteurella multocida infection in the domestic rabbit: immunization with a streptomycin-dependent mutant. Percy DH, et al. **Can J Comp Med** 1985 Apr;49(2):227-30

Polyclonal B-cell activation of rabbit Peyer's patch. Axelrod DA. **Clin Immunol Immunopathol** 1985 Sep;36(3):371-7

Immunoglobulin-producing cells in lymphatic tissues of germfree and conventional rabbits as detected by an immunofluorescence method. Stěpánková R, et al. **Folia Microbiol (Praha)** 1985;30(3):291-4

Studies on ticks of veterinary importance in Nigeria XVII. Resistance of rabbits to infestation with Amblyomma variegatum and Boophilus decoloratus (Acari: Ixodidae). Dipeolu OO, et al. **Folia Parasitol (Praha)** 1984; 31(4):357-62

Molecular evidence for five distinct MHC class II alpha genes in the rabbit. LeGuern C, et al. **Immunogenetics** 1985; 22(2):141-8

Structure of a functional rabbit class I MHC gene: similarity to human class I genes. Marche PN, et al. **Immunogenetics** 1985;21(1):71-82

Characterization of functionally distinct subpopulations of rabbit T lymphocytes. Watkins JR, et al. **Immunology** 1984 Dec;53(4):659-67

Species specificity of recognition by the alternative pathway of complement. Horstmann RD, et al. **J Immunol** 1985 Feb; 134(2):1101-4

Isolation of rabbit C3, Factor B, and Factor H and comparison of their properties with those of the human analog. Horstmann RD, et al. **J Immunol** 1985 Feb; 134(2):1094-100

Organization and polymorphism of rabbit immunoglobulin heavy chain genes. Knight KL, et al. **J Immunol** 1985 Feb; 134(2):1245-50

Genetic deficiency of the alpha-gamma-subunit of the eighth complement component in the rabbit. Komatsu M, et al. **J Immunol** 1985 Apr;134(4):2607-9

Evaluation of an indirect hemagglutination inhibition technique for identifying antibody in animals experimentally and naturally exposed to fungi. Thurston JR, et al. **Mycopathologia** 1984 Aug 30;87(1-2):17-21

Immunocompetence of chimeric rabbits. II. Persistence of memory and antigen-driven responses of donor cells. Adler FL, et al. **Transplantation** 1984 Oct;38(4):387-91

Immunocompetence of chimeric rabbits. I. Participation of donor-derived B lymphocytes in immunoglobulin, but not in antibody, synthesis. Adler LT, et al. **Transplantation** 1984 Oct;38(4):382-6

C6-deficiency in rabbit serum and its restoration by normal rabbit serum or by normal bovine serum. Selle[illegible] J. **Vet Immunol Immunopathol** 1985 Jan;8(1-2):27-[illegible]

[Humoral immune response of goats, rabbits and guinea pigs following vaccination with a Q fever vaccine] Sch[illegible]neer N, et al. **Berl Munch Tierarztl Wochenschr** 1985 Jan 1; 98(1):20-4 (Eng. Abstr.) **(Ger)**

METABOLISM

Synthesis of prostaglandin E2 in different segments of isolated collecting tubules from adult and neonatal rabbits. Schlondorff D, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F134-44

Presence and functional significance of sulphates in the submandibular glands of growing rabbits. Menghi G. **Anat Anz** 1984;157(4):285-90

Quantitative variations of melanin during the moulting of atypical fur in the volcano rabbit (Romerolagus diazi). Pérez-Amador MC, et al. **Arch Invest Med (Mex)** 1985 Jan-Mar;16(1):41-6 **(Eng, Spa)**

Effect of corticosteroids on electrolyte transport of the isolated human and rabbit lens. Kana JS, et al. **Curr Eye Res** 1985 Apr;4(4):461-5

Preservative alteration of corneal permeability in humans and rabbits. Burstein NL. **Invest Ophthalmol Vis Sci** 1984 Dec; 25(12):1453-7

Abnormalities in gangliosides and other lipids of monkey, rabbit and human brains with chronic organic mercury intoxication. Ando S, et al. **Jpn J Exp Med** 1985 Feb; 55(1):1-6

Carpipramine metabolism in the rat, rabbit and dog and in man after oral administration. Bieder A, et al. **Xenobiotica** 1985 May;15(5):421-35

Biotransformation of N-methylcyclobarbital in vivo in rabbit and rat. Miyano K, et al. **Xenobiotica** 1985 May;15(5):381-9

Regulation of the metabolism of volatile fatty acids in the caecum of rabbits. Prohászka L, et al. **Zentralbl Veterinarmed** [B] 1984 Jun;31(5):358-66

[Homo- and contralateral changes in muscle cholinergic enzymes following immobilization in the rabbit] Massazza U, et al. **Bull Assoc Anat (Nancy)** 1984 Mar;68(200):53-8 (Eng. Abstr.) **(Fre)**

[Development and regulation of ketogenesis in isolated hepatocytes in the newborn rabbit] el Manoubi L, et al. **Tunis Med** 1984 Sep;62(5):389-94 (Eng. Abstr.) **(Fre)**

MICROBIOLOGY

Naturally-occurring Tyzzer's disease (Bacillus piliformis infection) in commercial rabbits: a clinical and pathological study. Peeters JE, et al. **Ann Rech Vet** 1985;16(1):69-79

Isolation and characterization of cytopathic strains of rotavirus from rabbits. Brief report. Castrucci G, et al. **Arch Virol** 1985;83(1-2):99-104

An enteric coronavirus of the rabbit: detection by immunoelectron microscopy and identification of structural polypeptides. Descôteaux JP, et al. **Arch Virol** 1985; 84(3-4):241-50

Pathogenetic observations on pleural effusion disease in rabbits. Fennestad KL. **Arch Virol** 1985;84(3-4):163-74

Comparative study of rotavirus strains of bovine and rabbit origin. Castrucci G, et al. **Comp Immunol Microbiol Infect Dis** 1984;7(3-4):171-8

Pathogenicity of attaching effacing enteropathogenic Escherichia coli isolated from diarrheic suckling and weanling rabbits for newborn rabbits. Peeters JE, et al. **Infect Immun** 1984 Dec;46(3):690-6

Anaerobic ureolytic bacteria from caecal content and soft faeces of rabbit. Crociani F, et al. **J Appl Bacteriol** 1984 Aug;57(1):83-8

Nitrogen metabolism by the microbial flora of the rabbit caecum. Forsythe SJ, et al. **J Appl Bacteriol** 1985 Apr; 58(4):363-9

Herpesvirus sylvilagus infects both B and T lymphocytes in vivo. Kramp WJ, et al. **J Virol** 1985 Oct;56(1):60-5

Identification of herpesvirus sylvilagus-induced polypeptides in productively infected cells. Patick AK, et al. **J Virol** 1984 Dec;52(3):976-80

The pathogenicity of Salmonella mbandaka in specific pathogen free rabbits. Newcomer CE, et al. **Lab Anim Sci** 1984 Dec;34(6):588-91

Incidence of Yersinia organism in hare in the northwestern region of Okayama Prefecture. Tsubokura M, et al.

Microbiol Immunol 1984;28(12):1385-7

Cottontail rabbit papillomavirus-specific transcripts in transplantable tumors with integrated DNA. Nasseri M, et al. **Virology** 1984 Oct 30;138(2):362-7

PARASITOLOGY

Comparison of the structure of Sarcocystis cuniculi of the European rabbit (Oryctolagus cuniculus) and Sarcocystis leporum of the cottontail rabbit (Sylvilagus floridanus) by light and electron microscopy. Elwasila M, et al. **Acta Vet Hung** 1984;32(1-2):71-8

Host-seeking behavior of Sarcoptes scabiei. Arlian LG, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):594-8

The incidence of helminth parasites from the wild rabbit Oryctolagus cuniculus (L.) in eastern Scotland. Boag B. **J Helminthol** 1985 Mar;59(1):61-9

Brugia lepori sp. n. (Filarioidea: Onchocercidae) from rabbits (Sylvilagus aquaticus, S. floridanus) in Louisiana. Eberhard ML. **J Parasitol** 1984 Aug;70(4):576-9

Emergence of larval Protostrongylus boughtoni (Nematoda: Metastrongyloidea) from a snail intermediate host, and subsequent infection in the domestic rabbit (Oryctolagus cuniculus). Kralka RA, et al. **J Parasitol** 1984 Jun; 70(3):457-8

Echinococcus oligarthrus cysts of rabbits in Venezuela. Meléndez RD, et al. **J Parasitol** 1984 Dec;70(6):1004-5

Prevalence of helminths in a cyclic snowshoe hare population. Keith LB, et al. **J Wildl Dis** 1985 Jul; 21(3):233-53

Ectoparasites of vertebrates cohabiting black-tailed prairie dog towns in eastern New Mexico. Pfaffenberger GS, et al. **J Wildl Dis** 1985 Jan;21(1):69-72

[The warble fly Oestromyia leporina (Diptera, Hypodermatidae) as a parasite of the wild rabbit (Oryctolagus cuniculus)] Schumann H, et al. **Angew Parasitol** 1985 Mar;26(1):51-52 (Ger)

PHYSIOLOGY

Effect of proteinase inhibitors on rabbit uterine ultrastructure. Lescoat D. **Acta Anat (Basel)** 1985;121(1):17-20

Temperature requirement of does for optimal performance. Rafai P, et al. **Arch Exp Veterinarmed** 1984 May;38(3):450-7

Reutilization of phosphatidylglycerol and phosphatidylethanolamine by the pulmonary surfactant system in 3-day-old rabbits. Jacobs HC, et al. **Biochim Biophys Acta** 1985 Apr 25;834(2):172-9

Rapid in vivo quantification and comparison of hydroperoxides and oxidized collagen in aging mice, rabbits and man. Lippman RD. **Exp Gerontol** 1985;20(1):1-5

Regenerative capacity of retinal axons in the cat, rabbit, and guinea pig. Eysel UT, et al. **Exp Neurol** 1985 Jun; 88(3):757-66

Effect of dietary crude protein level on the reproductive performance and growth of New Zealand white rabbits. Sanchez WK, et al. **J Anim Sci** 1985 Apr;60(4):1029-39

Notes on the breeding of the WHHL rabbit: an animal model of familial hypercholesterolemia. Phelan JP, et al. **J Lipid Res** 1985 Jun;26(6):776-8

Flexor tendon repair in vitro: a comparative histologic study of the rabbit, chicken, dog, and monkey. Gelberman RH, et al. **J Orthop Res** 1984;2(1):39-48

What makes wild rabbits drink? Tarjan E, et al. **J Physiol (Paris)** 1984;79(6):466-70

Gestation period of the laboratory reared volcano rabbit (Romerolagus diazi). Matsuzaki T, et al. **Jikken Dobutsu** 1985 Jan;34(1):63-6

Cortical and subcortical pathways for pupillary reactions in rabbits. Inoue T, et al. **Jpn J Ophthalmol** 1985;29(1):63-70

Sensitivity of rapidly acting arterial pressure control system in conscious adult rabbits at different ages. Hosomi H, et al. **Jpn J Physiol** 1984;34(5):793-801

Relationship of hormonally induced developmental changes in preovulatory follicles of the rabbit. Bonhoff AJ, et al. **Lab Anim** 1985 Jan;19(1):27-31

A successful technique for the preservation of rabbit embryos. Prins JB, et al. **Lab Anim Sci** 1984 Oct;34(5):484-7

Functional disorders in the peripheral neuromuscular system induced by gonyautoxins in rabbits. Taba N, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):473-7

Functional heterogeneity of the descending limbs of Henle's loop. II. Interspecies differences among rabbits, rats, and hamsters. Imai M. **Pflugers Arch** 1984 Dec;402(4):393-401

Milk accumulation and secretion in the rabbit. Calvert DT, et al. **Q J Exp Physiol** 1985 Jul;70(3):357-63

Mechanoreceptors of the rabbit duodenum. Cottrell DF. **Q J Exp Physiol** 1984 Oct;69(4):677-84

Verification of a model for the mechanisms controlling expiratory duration in rabbits under various conditions. D'Angelo E. **Respir Physiol** 1985 Feb;59(2):239-64

[Short-time in vitro insemination of rabbit oocytes collected in vivo and autologous transfer] Al-Hasani S. **DTW** 1985 Jan 6;92(1):12-3 (Eng. Abstr.) (Ger)

[A simple method of blood pressure measurement in nonanesthesized rabbits] Wesslau C, et al. **Z Exp Chir Transplant Kunstliche Organe** 1984; 17(5):298-302 (Eng. Abstr.) (Ger)

RABIES

Acute ascending motor paralysis due to rabies: a clinicopathological report. Verma AK, et al. **Eur Neurol** 1985;24(3):160-2

COMPLICATIONS

Paralytic rabies: some unusual clinical presentations. Phuapradit P, et al. **J Med Assoc Thai** 1985 Feb; 68(2):106-10

DIAGNOSIS

Methods of increasing the sensitivity of the haemagglutination inhibition test for rabies virus antibody. Mannen K, et al. **Bull WHO** 1984;62(6):883-92

Antemortem diagnosis of human rabies by corneal impression smears using immunofluorescent technique. Mathuranayagam D, et al. **Indian J Med Res** 1984 Apr; 79:463-7

Rabies. Johnson KP, et al. **Neurol Clin** 1984 May;2(2):255-65

Observations on misdiagnosis of rabies. Schneider LS, et al. **Psychosomatics** 1985 Apr;26(4):338-40

[Rabies virus in the saliva of infected animals before the outbreak of clinical symptoms (letter)] Scheiermann N, et al. **Dtsch Med Wochenschr** 1984 Nov 16;109(46):1781-2 (Ger)

[Laboratory diagnosis in rabies] Toacsen E, et al. **Rev Ig [Bacteriol]** 1985 Jan-Mar;30(1):57-69 (Rum)

[Results of using the ELISA method in studying tick-borne encephalitis and rabies] Subbotina LS, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jan;(1):73-7 (Eng. Abstr.) (Rus)

ETIOLOGY

Leads from the MMWR. Human rabies acquired outside the United States. **JAMA** 1985 May 24-31;253(20):2953-4

Human rabies acquired outside the United States. **MMWR** 1985 May 3;34(17):235-6

HISTORY

65 years of experience and innovation in protection against rabies: antirabies station (former Pasteur Institute) in Zagreb 1981-1983. Vodopija I, et al. **Behring Inst Mitt** 1984 Nov;(76):165-73

IMMUNOLOGY

Pre-exposure rabies immunization with human diploid cell vaccine: decreased antibody responses in persons immunized in developing countries. Bernard KW, et al. **Am J Trop Med Hyg** 1985 May;34(3):633-47

Monoclonal antibodies as a tool for rabies epidemiological studies. Rollin PE, et al. **Dev Biol Stand** 1984;57:193-7

Frequency analysis of cytolytic T lymphocyte precursors (CTL-P) generated in vivo during lethal rabies infection of mice. II. Rabies virus genus specificity of CTL-P. Reddehase MJ, et al. **Eur J Immunol** 1984 Nov; 14(11):1039-43

Pathogenesis of street rabies virus infections in resistant and susceptible strains of mice. Lodmell DL, et al. **J Virol** 1985 Sep;55(3):788-95

Cell mediated immune response in canine antirabies vaccination. Timenetsky J, et al. **Rev Inst Med Trop Sao Paulo** 1985 Jan-Feb;27(1):1-5

[Application of an immunoenzyme method to the titration of neutralized rabies antibodies in cell culture] Perrin P, et al. **J Biol Stand** 1985 Jan;13(1):35-42 (Fre)

[Effect of immunostimulants on the intensity of vaccinal antirabies immunity] Barinskiĭ IF, et al. **Vopr Virusol** 1985 Mar-Apr;30(2):183-5 (Eng. Abstr.) (Rus)

[Effect of immunomodulators on humoral antirabies immunity] Gribencha SV, et al. **Vopr Virusol** 1985 Mar-Apr;30(2):198-200 (Eng. Abstr.) (Rus)

MICROBIOLOGY

Rabies virus in the salivary glands and nasal mucosa of naturally infected skunks. Charlton KM, et al. **Can J Comp Med** 1984 Jul;48(3):338-9

On the replication and spread of rabies virus in the human central nervous system. Iwasaki Y, et al. **J Neuropathol Exp Neurol** 1985 Mar;44(2):185-95

Pathways of the early propagation of virulent and avirulent rabies strains from the eye to the brain. Kučera P, et al. **J Virol** 1985 Jul;55(1):158-62

OCCURRENCE

Rabies in Ghana, West Africa. Alonge DO, et al. **Int J Zoonoses** 1984 Jun;11(1):53-8

Rabies in Oyo State, Nigeria; 1971-1982. Ogunkoya AB, et al. **Int J Zoonoses** 1984 Jun;11(1):84-94

International aspects of rabies [letter] Torres-Anjel MJ, et al. **J Am Vet Med Assoc** 1985 Jan 1;186(1):5, 25, 27

Rabies in Kentucky. Hayne ST, et al. **J Ky Med Assoc** 1985 Jan;83(1):16-22

Leads from the MMWR. Human rabies--Pennsylvania. **JAMA** 1984 Dec 21;252(23):3242-3

Human rabies--Pennsylvania. **MMWR** 1984 Nov 16; 33(45):633-5

Rabies in Pennsylvania. Kunkle RF. **Pa Med** 1985 May; 88(5):52-4

[Rabies 1982] Seroka D, et al. **Przegl Epidemiol** 1984; 38(2):213-20 (Pol)

[Typological classification of the natural foci and the structure of the world-wide geographic range of natural rabies] Cherkasskiĭ BL. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):16-21 (6 ref.) (Rus)

PATHOLOGY

[Human rabies. Neuropathological study of 30 cases] Assis RV, et al. **Rev Inst Med Trop Sao Paulo** 1984 Nov-Dec; 26(6):346-52 (Eng. Abstr.) (Por)

PHYSIOPATHOLOGY

Experimental rabies in hibernator rodents. Botvinkin AD, et al. **Acta Virol (Praha)** 1985 Jan;29(1):44-50

PREVENTION & CONTROL

Purified chick embryo cell (PCEC) rabies vaccine for human use: clinical trials. Bijok U, et al. **Behring Inst Mitt** 1984 Nov;(76):155-64

Agriculture Canada's role in rabies control. **Can Med Assoc J** 1985 Jul 15;133(2):124-6

Rabies prevention--United States, 1984. Centers for Disease Control, Atlanta. **Conn Med** 1984 Dec;48(12):813-9

Detection of antirabies antibody by the enzyme linked immunosorbent assay. Bhatia R, et al. **Indian J Med Res** 1984 Apr;79:459-62

Study of dog bite in children. Parthasarathy A, et al. **Indian Pediatr** 1984 Jul;21(7):549-54

Human diploid cell strain vaccine for post-exposure rabies treatment. Sehgal S, et al. **J Commun Dis** 1985 Mar; 17(1):87-91

Rhesus diploid rabies vaccine (adsorbed): a new rabies vaccine using FRhL-2 cells. Burgoyne GH, et al. **J Infect Dis** 1985 Jul;152(1):204-10

Leads from the MMWR. Compendium of animal rabies vaccines, 1985--prepared by National Association of State Public Health Veterinarians, Inc. **JAMA** 1985 Feb 1; 253(5):625, 629-31

Leads from the MMWR. Rabies postexposure prophylaxis with human diploid cell rabies vaccine: lower neutralizing antibody titers with Wyeth vaccine. **JAMA** 1985 Mar 15; 253(11):1537, 1540

A recommended approach to the evaluation of human rabies exposure in an acute-care hospital. Remington PL, et al. **JAMA** 1985 Jul 5;254(1):67-9

Rabies in Nigeria. Harry TO, et al. **Lancet** 1985 Sep 14; 2(8455):601-2

Economical multiple-site intradermal immunisation with human diploid-cell-strain vaccine is effective for post-exposure rabies prophylaxis. Warrell MJ, et al. **Lancet** 1985 May 11;1(8437):1059-62

Compendium of animal rabies vaccines, 1985 prepared by: the National Association of State Public Health Veterinarians, Inc. **MMWR** 1985 Jan 4;33(51-52):714-20, 725

Rabies postexposure prophylaxis with human diploid cell rabies vaccine: lower neutralizing antibody titers with Wyeth vaccine. **MMWR** 1985 Feb 22;34(7):90-2

Rabies post-exposure prophylaxis in Kuwait. Rollin PE, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):267

Pre-exposure rabies prophylaxis: efficacy of a new packaging and delivery system for intradermal administration of human diploid cell vaccine. Dreesen DW, et al. **Vaccine** 1984 Sep;2(3):185-8

Anti-rabies treatment of dog-bite victims in Lagos, Nigeria: trial of suckling mouse brain and fetal bovine kidney cell rabies vaccines. Harry TO, et al. **Vaccine** 1984 Dec; 2(4):257-60

Vaccination of cattle with live and inactivated rabies vaccines: a study of antibody response. Prosperi S, et al. **Vet Res Commun** 1984 Aug;8(3):181-5

WHO expert committee on rabies. **WHO Tech Rep Ser** 1984; 709:1-104

Cross protection of mice against different rabies virus isolates. Larghi OP, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Apr; 259(2):268-74

[Seroprophylaxis of rabies] Mérieux C. **Bull Acad Natl Med (Paris)** 1984 May-Jun;168(5-6):517-9 (Fre)

[Antibiotic therapy and preventive measures against rabies and tetanus in infections of the hand] Chamay A. **Ther Umsch** 1985 Apr;42(4):280-4 (Eng. Abstr.) (Fre)

[Pre-exposure rabies vaccination using a new duck embryo vaccine] Bachmann G, et al. **Schweiz Med Wochenschr** 1985 Jun 22;115(25):863-5 (Eng. Abstr.) (Ger)

[Organizational and methodologic problems in a human rabies prevention service] Borroni G, et al. **G Batteriol Virol Immunol** 1983 Jul-Dec;76(7-12):257-70 (Eng. Abstr.) (Ita)

[Intradermal administration of HDC vaccine in the immunization of people against rabies] Svjetličić M, et al. **Lijec Vjesn** 1984 Sep;106(9):379-80 (Eng. Abstr.) (Ser)

THERAPY

Prevention and treatment of rabies. Steinhoff MC, et al. **Indian J Pediatr** 1984 Sep-Oct;51(412):561-5

Rabies therapy for animal bites in the head and neck region. Flanigan TJ, et al. **J Oral Maxillofac Surg** 1985 Sep; 43(9):704-6

Practical management of rabies and the 1982 outbreak in Zorzor District, Liberia. Monson MH. **Trop Doct** 1985 Apr;

15(2):50–4

[Treatment for rabies in the Netherlands before and after exposure] Hannik CA. **Ned Tijdschr Geneeskd** 1984 Sep 22;128(38):1806–8 **(Dut)**

[Rabies: how to manage it in the Netherlands] Huisman J. **Ned Tijdschr Geneeskd** 1984 Sep 22;128(38):1814–6 **(Dut)**

TRANSMISSION

Rat rabies in Mississippi. Phillips BJ. **J Miss State Med Assoc** 1985 Jul;26(7):183–6

[Sylvatic rabies: a pediatric problem?] Portaleone D, et al. **Pediatr Med Chir** 1984 May–Jun;6(3):383–9 (Eng. Abstr.) **(Ita)**

[Wild (feral) dogs as an important epidemiological factor] Saiz Moreno L. **Rev Sanid Hig Publica (Madr)** 1984 May–Jun;58(5–6):535–42 (Eng. Abstr.) **(Spa)**

[Transplacental rabies in humans] Sipahioğlu U, et al. **Mikrobiyol Bul** 1985 Apr;19(2):95–9 (Eng. Abstr.) **(Tur)**

VETERINARY

Demonstration of rabies viral antigen in paraffin tissue sections: comparison of the immunofluorescence technique with the unlabeled antibody enzyme method. Palmer DG, et al. **Am J Vet Res** 1985 Jan;46(1):283–6

Ammonium–5–tungsto–2–antimoniate (HPA23) can prevent fox rabies. Pepin M, et al. **Arch Virol** 1985;83(3–4):327–9

Antigenic variants of rabies virus in isolates from eastern, central and northern Canada. Webster WA, et al. **Can J Comp Med** 1985 Apr;49(2):186–8

Viral zoonoses in Nigeria: (I) Rabies. Durojaiye OA. **Int J Zoonoses** 1984 Jun;11(1):65–8

A descriptive epidemiological study of raccoon rabies in a rural environment. Hubbard DR. **J Wildl Dis** 1985 Apr;21(2):105–10

Presence of neutralizing antibodies to rabies virus in striped skunks from areas free of skunk rabies in Alberta. Rosatte RC, et al. **J Wildl Dis** 1984 Jul;20(3):171–6

Rabies virus in salivary glands of raccoons (Procyon lotor). Winkler WG, et al. **J Wildl Dis** 1985 Jul;21(3):297–8

Zoonotic diseases of cats. August JR, et al. **Vet Clin North Am [Small Anim Pract]** 1984 Sep;14(5):1117–51 (177 ref.)

Rabies since Pasteur [letter] Crick J. **Vet Rec** 1985 Apr 27;116(17):478–9

[Excretion of the rabies virus in foxes after experimental infection] Matouch O, et al. **Vet Med (Praha)** 1984 Nov;29(11):653–8 (Eng. Abstr.) **(Cze)**

[Report of the survey on Zuid–Limburg rabies control carried out by the Animal Health Service in Limburg] van Lipzig JH. **Tijdschr Diergeneeskd** 1984 Oct 15;109(20):822–3 **(Dut)**

[The vaccination of cattle against rabies. Antibody kinetics, resistance to challenge three years after vaccination] Blancou J, et al. **Ann Rech Vet** 1984;15(4):543–7 (Eng. Abstr.) **(Fre)**

[Experimental bovine rabies: susceptibility, symptoms, humoral immunologic reactions, lesions and virus excretion] Pépin M, et al. **Ann Rech Vet** 1984;15(3):325–33 (Eng. Abstr.) **(Fre)**

[A discrete–events computer model of fox rabies] Garnerin P, et al. **Rev Epidemiol Sante Publique** 1985;33(1):29–38 (Eng. Abstr.) **(Fre)**

[Rabies in the common hamster (Cricetus cricetus) in Slovakia] Svrček S, et al. **Vet Med (Praha)** 1984 Nov;29(11):643–52 (Eng. Abstr.) **(Slo)**

RABIES VACCINE

Study of dog bite in children. Parthasarathy A, et al. **Indian Pediatr** 1984 Jul;21(7):549–54

Human diploid cell strain vaccine for post–exposure rabies treatment. Sehgal S, et al. **J Commun Dis** 1985 Mar;17(1):87–91

Cross protection of mice against different rabies virus isolates. Larghi OP, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Apr;259(2):268–74

[Antirabies vaccine from human diploid cells initial vaccination experiences] Oberti G, et al. **G Batteriol Virol Immunol** 1983 Jan–Jun;76(1–6):148–56 (Eng. Abstr.) **(Ita)**

[Antirabies vaccine for human use from suckling rat brain (letter)] Segré L. **Medicina (B Aires)** 1984;44(2):220–1 **(Spa)**

ADMINISTRATION & DOSAGE

Leads from the MMWR. Compendium of animal rabies vaccines, 1985––prepared by National Association of State Public Health Veterinarians, Inc. **JAMA** 1985 Feb 1;253(5):625, 629–31

Changes recommended in use of human diploid cell rabies vaccine [news] Marwick C. **JAMA** 1985 Jul 5;254(1):13–4

Economical multiple–site intradermal immunisation with human diploid–cell–strain vaccine is effective for post–exposure rabies prophylaxis. Warrell MJ, et al. **Lancet** 1985 May 11;1(8437):1059–62

Compendium of animal rabies vaccines, 1985 prepared by: the National Association of State Public Health Veterinarians, Inc. **MMWR** 1985 Jan 4;33(51–52):714–20, 725

Intradermal immunization with reduced doses of human diploid cell strain rabies vaccine: evaluation of antibody response by ELISA and mixed hemadsorption test. Grandien M, et al. **Scand J Infect Dis** 1985;17(2):173–8

Rabies post–exposure prophylaxis in Kuwait. Rollin PE, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):267

Pre–exposure rabies prophylaxis: efficacy of a new packaging and delivery system for intradermal administration of human diploid cell vaccine. Dreesen DW, et al. **Vaccine** 1984 Sep;2(3):185–8

[Intradermal administration of HDC vaccine in the immunization of people against rabies] Svjetličić M, et al. **Lijec Vjesn** 1984 Sep;106(9):379–80 (Eng. Abstr.) **(Ser)**

ANALYSIS

A rapid quantitative microtest for live, attenuated rabies vaccine. Abreo CB. **J Biol Stand** 1985 Jul;13(3):255–60

[Use of the single radial immunodiffusion method for controlling the activity of cultured rabies vaccines] Poliushkina GS, et al. **Vopr Virusol** 1985 Jan–Feb;30(1):107–10 **(Rus)**

HISTORY

65 years of experience and innovation in protection against rabies: antirabies station (former Pasteur Institute) in Zagreb 1981–1983. Vodopija I, et al. **Behring Inst Mitt** 1984 Nov;(76):165–73

A centennial celebration: Pasteur and the modern era of immunization. **MMWR** 1985 Jul 5;34(26):389–90

Rabies since Pasteur [letter] Crick J. **Vet Rec** 1985 Apr 27;116(17):478–9

IMMUNOLOGY

Characteristics of cellular and humoral immune responses after immunization with different rabies vaccines. Pille ER, et al. **Acta Virol (Praha)** 1985 Mar;29(2):137–42

Pre–exposure rabies immunization with human diploid cell vaccine: decreased antibody responses in persons immunized in developing countries. Bernard KW, et al. **Am J Trop Med Hyg** 1985 May;34(3):633–47

Characterization of rabies virus strains used for vaccine production by means of monoclonal antibodies. Sureau P, et al. **Dev Biol Stand** 1984;57:227–31

Detection of antirabies antibody by the enzyme linked immunosorbent assay. Bhatia R, et al. **Indian J Med Res** 1984 Apr;79:459–62

A proposed index system for reporting rabies rapid fluorescent focus inhibition test titres. Brown J, et al. **J Biol Stand** 1984 Jul;12(3):233–40

A collaborative study on the use of single radial immunodiffusion for the assay of rabies virus glycoprotein. Ferguson M, et al. **J Biol Stand** 1984 Jul;12(3):283–94

Rapidity of booster response to rabies vaccine produced in cell culture [letter] Berlin BS, et al. **J Infect Dis** 1984 Nov;150(5):785

Rhesus diploid rabies vaccine (adsorbed): a new rabies vaccine using FRhL–2 cells. Burgoyne GH, et al. **J Infect Dis** 1985 Jul;152(1):204–10

Confirmation of need for rabies immunoglobulin as well as post–exposure vaccine [letter] Glück R, et al. **Lancet** 1984 Nov 24;2(8413):1216–7

Immunogenicity of human diploid cell rabies vaccine [letter] Selvakumar R, et al. **Lancet** 1985 Feb 2;1(8423):276

Protection from rabies by a vaccinia virus recombinant containing the rabies virus glycoprotein gene. Wiktor TJ, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7194–8

Cell mediated immune response in canine antirabies vaccination. Timenetsky J, et al. **Rev Inst Med Trop Sao Paulo** 1985 Jan–Feb;27(1):1–5

Cell–mediated immune response to rabies virus in dogs following vaccination and challenge. Gerber JD, et al. **Vet Immunol Immunopathol** 1985 May;9(1):13–22

[A serological study on primary hamster kidney cell cultured rabies vaccine] Li XX. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Aug;5(4):216–8 (Eng. Abstr.) **(Chi)**

[Monitoring antibody activity in personnel in infectious disease departments in the North Bohemian Region using the ENC–HEM SEVAC kit] Jílek D, et al. **Cas Lek Cesk** 1984 Sep 28;123(38–39):1195–7 (Eng. Abstr.) **(Cze)**

[Effect of immunostimulants on the intensity of vaccinal antirabies immunity] Barinskiĭ IF, et al. **Vopr Virusol** 1985 Mar–Apr;30(2):183–5 (Eng. Abstr.) **(Rus)**

[Results of human immunization with a new rabies vaccine containing no neuroallergenic brain tissue factor] Unanov SS, et al. **Vopr Virusol** 1984 Jul–Aug;29(4):437–41 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Purified chick embryo cell (PCEC) rabies vaccine for human use. Laboratory data. Barth R, et al. **Behring Inst Mitt** 1984 Nov;(76):142–54

[Dutch cell–culture rabies vaccine for use in humans] van Steenis G, et al. **Ned Tijdschr Geneeskd** 1984 Sep 22;128(38):1810–4 **(Dut)**

PHARMACODYNAMICS

Protective antibodies after vaccination with human diploid cell rabies vaccine. Wasi C, et al. **Asian Pac J Allergy Immunol** 1983 Dec;1(2):125–30

STANDARDS

Wyvac rabies vaccine recalled. **FDA Drug Bull** 1985 Apr;15(1):6–7

Leads from the MMWR. Rabies postexposure prophylaxis with human diploid cell rabies vaccine: lower neutralizing antibody titers with Wyeth vaccine. **JAMA** 1985 Mar 15;253(11):1537, 1540

Rabies postexposure prophylaxis with human diploid cell rabies vaccine: lower neutralizing antibody titers with Wyeth vaccine. **MMWR** 1985 Feb 22;34(7):90–2

[Vaccination against rabies: optimal combination of doses for vaccine injections] Aubert MF, et al. **J Biol Stand** 1985 Jan;13(1):23–30 **(Fre)**

SUPPLY & DISTRIBUTION

Rabies in Nigeria. Harry TO, et al. **Lancet** 1985 Sep 14;2(8455):601–2

THERAPEUTIC USE

Purified chick embryo cell (PCEC) rabies vaccine for human use: clinical trials. Bijok U, et al. **Behring Inst Mitt** 1984 Nov;(76):155–64

Practical management of rabies and the 1982 outbreak in Zorzor District, Liberia. Monson MH. **Trop Doct** 1985 Apr;15(2):50–4

Anti–rabies treatment of dog–bite victims in Lagos, Nigeria: trial of suckling mouse brain and fetal bovine kidney cell rabies vaccines. Harry TO, et al. **Vaccine** 1984 Dec;2(4):257–60

WHO expert committee on rabies. **WHO Tech Rep Ser** 1984;709:1–104

[Rabies: how to manage it in the Netherlands] Huisman J. **Ned Tijdschr Geneeskd** 1984 Sep 22;128(38):1814–6 **(Dut)**

[Seroprophylaxis of rabies] Mérieux C. **Bull Acad Natl Med (Paris)** 1984 May–Jun;168(5–6):517–9 **(Fre)**

[Pre–exposure rabies vaccination using a new duck embryo vaccine] Bachmann G, et al. **Schweiz Med Wochenschr** 1985 Jun 22;115(25):863–5 (Eng. Abstr.) **(Ger)**

RABIES VIRUS

[Effects of rabies infection on the metabolism of the host–cell: does inhibition of cellular RNA synthesis take place?] Tuffereau C, et al. **C R Acad Sci [III]** 1985;300(16):597–600 (Eng. Abstr.) **(Fre)**

ANALYSIS

Biochemical analysis of rabies virus proteins in three persistently infected BHK–21 cell lines. Tuffereau C, et al. **J Gen Virol** 1985 Jan;66 (Pt 1):159–69

CLASSIFICATION

Antigenic variants of rabies virus in isolates from eastern, central and northern Canada. Webster WA, et al. **Can J Comp Med** 1985 Apr;49(2):186–8

GENETICS

Expression of rabies virus glycoprotein from a recombinant vaccinia virus. Kieny MP, et al. **Nature** 1984 Nov 8–14;312(5990):163–6

Amino acid sequence similarity between rabies virus glycoprotein and snake venom curaremimetic neurotoxins. Lentz TL, et al. **Science** 1984 Nov 16;226(4676):847–8

GROWTH & DEVELOPMENT

Pathways of the early propagation of virulent and avirulent rabies strains from the eye to the brain. Kučera P, et al. **J Virol** 1985 Jul;55(1):158–62

[Cultivation of the rabies virus in the continuous kidney cell line 4647 from the green marmoset] Aksenova TA, et al. **Vopr Virusol** 1985 Mar–Apr;30(2):180–2 (Eng. Abstr.) **(Rus)**

[Biological and immunological behavior of an attenuated strain of rabies virus propagated in a primary culture of fetal bovine kidney] Riera MC, et al. **Rev Latinoam Microbiol** 1984 Oct–Dec;26(4):315–21 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Enzyme–linked immunosorbent assay for quantification of rabies antibodies in human sera. Kavaklova L, et al. **Acta Virol (Praha)** 1984 Sep;28(5):422–7

Pre–exposure rabies immunization with human diploid cell vaccine: decreased antibody responses in persons immunized in developing countries. Bernard KW, et al. **Am J Trop Med Hyg** 1985 May;34(3):633–47

Demonstration of rabies viral antigen in paraffin tissue sections: comparison of the immunofluorescence technique with the unlabeled antibody enzyme method. Palmer DG, et al. **Am J Vet Res** 1985 Jan;46(1):283–6

Protective antibodies after vaccination with human diploid cell rabies vaccine. Wasi C, et al. **Asian Pac J Allergy Immunol** 1983 Dec;1(2):125–30

Methods of increasing the sensitivity of the haemagglutination inhibition test for rabies virus antibody.

Mannen K, et al. **Bull WHO** 1984;62(6):883-92

Investigation of the antigenic structure of rabies virus glycoprotein by monoclonal antibodies. Lafon M, et al. **Dev Biol Stand** 1984;57:219-25

Production of monoclonal antibodies against the Pasteur (P.V.) strain of rabies virus: problems and results. Libeau G, et al. **Dev Biol Stand** 1984;57:213-8

Characterization of rabies virus strains used for vaccine production by means of monoclonal antibodies. Sureau P, et al. **Dev Biol Stand** 1984;57:227-31

Antigenic analysis of rabies and Mokola virus from Zimbabwe using monoclonal antibodies. Wiktor TJ, et al. **Dev Biol Stand** 1984;57:199-211

The mouse neutralization test in comparison with the rapid fluorescent focus inhibition test: differences in the results in rabies antibody determinations. Haase M, et al. **J Biol Stand** 1985 Apr;13(2):123-8

Immunofluorescent staining of trypsinized formalin-fixed brain smears for rabies antigen: results compared with those obtained by standard methods for 221 suspect animal cases in Nigeria. Umoh JU, et al. **J Hyg (Lond)** 1985 Feb; 94(1):129-34

T cell responses to cleaved rabies virus glycoprotein and to synthetic peptides. Macfarlan RI, et al. **J Immunol** 1984 Nov;133(5):2748-52

Rhesus diploid rabies vaccine (adsorbed): a new rabies vaccine using FRhL-2 cells. Burgoyne GH, et al. **J Infect Dis** 1985 Jul;152(1):204-10

Presence of neutralizing antibodies to rabies virus in striped skunks from areas free of skunk rabies in Alberta. Rosatte RC, et al. **J Wildl Dis** 1984 Jul;20(3):171-6

Leads from the MMWR. Rabies postexposure prophylaxis with human diploid cell rabies vaccine: lower neutralizing antibody titers with Wyeth vaccine. **JAMA** 1985 Mar 15; 253(11):1537, 1540

Rabies postexposure prophylaxis with human diploid cell rabies vaccine: lower neutralizing antibody titers with Wyeth vaccine. **MMWR** 1985 Feb 22;34(7):90-2

Protection from rabies by a vaccinia virus recombinant containing the rabies virus glycoprotein gene. Wiktor TJ, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7194-8

Cell-mediated immune response to rabies virus in dogs following vaccination and challenge. Gerber JD, et al. **Vet Immunol Immunopathol** 1985 May;9(1):13-22

Antigenic variants of CVS rabies virus with altered glycosylation sites. Wunner WH, et al. **Virology** 1985 Jan 15;140(1):1-12

Cross protection of mice against different rabies virus isolates. Larghi OP, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Apr; 259(2):268-74

[Antigenic characteristics of strains of rabies isolated in Madagascar] Rollin PE, et al. **Arch Inst Pasteur Madagascar** 1984;51(1):105-11 **(Fre)**

[Indirect immunofluorescence microtest in the determination of antirabies antibodies] Buonavoglia C, et al. **Boll Ist Sieroter Milan** 1982;61(5):390-2 (Eng. Abstr.) **(Ita)**

ISOLATION & PURIFICATION

Rabies virus in the salivary glands and nasal mucosa of naturally infected skunks. Charlton KM, et al. **Can J Comp Med** 1984 Jul;48(3):338-9

Rabies virus in salivary glands of raccoons (Procyon lotor). Winkler WG, et al. **J Wildl Dis** 1985 Jul;21(3):297-8

Performance of laboratories in testing for rabies virus—United States. **MMWR** 1985 Feb 1;34(4):59-62

[Excretion of the rabies virus in foxes after experimental infection] Matouch O, et al. **Vet Med (Praha)** 1984 Nov; 29(11):653-8 (Eng. Abstr.) **(Cze)**

[Rabies virus in the saliva of infected animals before the outbreak of clinical symptoms (letter)] Scheiermann N, et al. **Dtsch Med Wochenschr** 1984 Nov 16;109(46):1781-2 **(Ger)**

[Rabies in the common hamster (Cricetus cricetus) in Slovakia] Svrček S, et al. **Vet Med (Praha)** 1984 Nov; 29(11):643-52 (Eng. Abstr.) **(Slo)**

METABOLISM

Rabies virus binding at neuromuscular junctions. Burrage TG, et al. **Virus Res** 1985 Apr;2(3):273-89

PATHOGENICITY

Differences in cell-to-cell spread of pathogenic and apathogenic rabies virus in vivo and in vitro. Dietzschold B, et al. **J Virol** 1985 Oct;56(1):12-8

Rabies virulence: effect on pathogenicity and sequence characterization of rabies virus mutations affecting antigenic site III of the glycoprotein. Seif I, et al. **J Virol** 1985 Mar;53(3):926-34

PHYSIOLOGY

Immunoperoxidase cell surface localization of rabies virus antigen in tissue cultures at a low viral multiplicity. Revilla-Monsalve C, et al. **Arch Invest Med (Mex)** 1985 Jan-Mar;16(1):11-7 **(Eng, Spa)**

Rabies virus interaction with various cell lines is independent of the acetylcholine receptor. Reagan KJ, et al. **Arch Virol** 1985;84(3-4):277-82

Persistent infection of rabies virus (HEP-Flury strain) in human neuroblastoma cells capable of producing interferon. Honda Y, et al. **J Gen Virol** 1985 May;66 (Pt 5):957-67

Comparative studies of rabies and Sindbis virus replication in human neuroblastoma (SYM-I) cells that can produce interferon. Honda Y, et al. **J Gen Virol** 1984 Oct;65 (Pt 10):1645-53

On the replication and spread of rabies virus in the human central nervous system. Iwasaki Y, et al. **J Neuropathol Exp Neurol** 1985 Mar;44(2):185-95

RACCOONS

The raccoon dog (Nyctereutes procyonoides) as definitive host for Sarcocystis spp. of reindeer (Rangifer tarandus). Gjerde B. **Acta Vet Scand** 1984;25(3):419-24

Autoimmune hemolytic anemia in a raccoon. Noxon JO, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1399

Multifocal cerebellar cortical necrosis caused by canine distemper virus infection in a raccoon. Potgieter LN, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1397-9

A descriptive epidemiological study of raccoon rabies in a rural environment. Hubbard DR. **J Wildl Dis** 1985 Apr; 21(2):105-10

Leptospirosis in Wisconsin: report of a case associated with direct contact with raccoon urine. Falk VS. **Wis Med J** 1985 May;84(5):14-5

ANATOMY & HISTOLOGY

Distribution of cerebellar mossy fibers arising from neurons of the raccoon main cuneate nucleus. Haring JH, et al. **Brain Res** 1984 Dec 3;323(1):164-7

The distribution and topographical organization in the thalamus of anterogradely-transported horseradish peroxidase after spinal injections in cat and raccoon. Craig AD, et al. **Exp Brain Res** 1985;58(2):227-54

Corticostriate projections from area 6 in the raccoon. Tanaka D Jr, et al. **Exp Brain Res** 1985;58(2):338-45

Smooth muscle in the hepatic artery, portal vein and hepatic vein within the liver of the raccoon and guinea pig. Yeager VL, et al. **Experientia** 1985 Feb 15;41(2):262-5

Quantitative morphology of the panda brain in comparison with the brains of the raccoon and the bear. Pirlot P, et al. **J Hirnforsch** 1985;26(1):17-22

Anatomy of raccoon (Procyon lotor) and coati (Nasua narica and N. nasua) forearm and leg muscles: relations between fiber length, moment-arm length, and joint-angle excursion. McClearn D. **J Morphol** 1985 Jan;183(1):87-115

MICROBIOLOGY

Experimental La Crosse virus infection of red fox (Vulpes fulva), raccoon (Procyon lotor), opossum (Didelphis virginiana), and woodchuck (Marmota monax). Amundson TE, et al. **Am J Trop Med Hyg** 1985 May;34(3):586-95

Rabies virus in salivary glands of raccoons (Procyon lotor). Winkler WG, et al. **J Wildl Dis** 1985 Jul;21(3):297-8

PARASITOLOGY

Raccoon ascarid larvae (Baylisascaris procyonis) as a cause of ocular larva migrans. Kazacos KR, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1177-83

Jejunal obstruction due to Baylisascaris procyonis in a raccoon. Carlson BL, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1396-7

Prevalence of presumed Dirofilaria tenuis microfilariae in raccoons near Vero Beach, Florida. Sauerman DM Jr, et al. **J Parasitol** 1985 Feb;71(1):130-2

Fatal eosinophilic meningoencephalitis and visceral larva migrans caused by the raccoon ascarid Baylisascaris procyonis. Fox AS, et al. **N Engl J Med** 1985 Jun 20; 312(25):1619-23

PHYSIOLOGY

Unexpected reorganization of somatosensory cortex in a raccoon with extensive forelimb loss. Rasmusson DD, et al. **Neurosci Lett** 1985 Apr 9;55(2):167-72

Electrophysiology of raccoon cuneocerebellar neurons. Haring JH, et al. **Somatosens Res** 1984;1(3):247-64

Time-dependent changes in the functional organization of somatosensory cerebral cortex following digit amputation in adult raccoons. Kelahan AM, et al. **Somatosens Res** 1984; 2(1):49-81

Response properties of raccoon cuneothalamic neurons. Rowinski MJ, et al. **Somatosens Res** 1985;2(3):263-80

RACE RELATIONS

see related

CIVIL RIGHTS

The transmission of racial attitudes from fathers to sons: a study of blacks and whites. Carlson JM, et al. **Adolescence** 1985 Spring;20(77):233-7

Experimenting on social issues. The case of school desegregation. Cook SW. **Am Psychol** 1985 Apr; 40(4):452-60

Race-related socialization, motivation, and academic achievement: a study of black youths in three-generation families. Bowman PJ, et al. **J Am Acad Child Psychiatry** 1985 Mar;24(2):134-41

Self-concepts among Afro-American students in racially isolated minority schools: some regional differences. Powell GJ. **J Am Acad Child Psychiatry** 1985 Mar;24(2):142-9

Apartheid and psychiatry [letter] Sashidharan SP. **Lancet** 1984 Dec 22;2(8417-18):1475

Racial equality in the American health care system: an unfulfilled ideal [editorial] McBride AD. **NY State J Med** 1985 Apr;85(4):125

Black-Jewish relationships. Access to health services and health careers. Wolfe S. **NY State J Med** 1985 Apr; 85(4):137-8

RACEMASES see under **ISOMERASES**

RACHITIS see **RICKETS**

RACIAL STOCKS

Alcohol and aldehyde dehydrogenase isoenzymes in North American Indians. Rex DK, et al. **Alcoholism (NY)** 1985 Mar-Apr;9(2):147-52

The relationship of diabetes with race, sex, and obesity. Bonham GS, et al. **Am J Clin Nutr** 1985 Apr;41(4):776-83

Fatty acid composition of breast milk from three racial groups from Penang, Malaysia. Kneebone GM, et al. **Am J Clin Nutr** 1985 Apr;41(4):765-9

Permutation methods for the structured exploratory data analysis (SEDA) of total cholesterol measured in five Israeli populations. Karlin S, et al. **Am J Epidemiol** 1985 Jul;122(1):163-86

Ethnic differences in blood pressure and heart rate of Chicago school children. Levinson S, et al. **Am J Epidemiol** 1985 Sep;122(3):366-77

gamma-Aminobutyric acid transaminase (GABAT) polymorphism among ethnic groups in Singapore—with report of a new allele. Bhattacharyya SP, et al. **Am J Hum Genet** 1985 Mar;37(2):358-61

Relationship between heterozygosity and genetic distance in the three major races of man. Chakraborty R. **Am J Phys Anthropol** 1984 Nov;65(3):249-58

Serum C-reactive protein measurement in the detection of intercurrent infection in Oriental patients with systemic lupus erythematosus. Hind CR, et al. **Ann Rheum Dis** 1985 Apr;44(4):260-1

Genetic, familial and racial influences on blood pressure control systems in man. Grim CE, et al. **Aust NZ J Med** 1984 Aug;14(4):453-7

Further investigation of racial/ethnic differences and of familial resemblances in flushing in response to alcohol. Johnson RC, et al. **Behav Genet** 1984 May;14(3):171-8

Ethnic minorities and sickle cell anemia [letter] Konotey-Ahulu F. **Br Med J [Clin Res]** 1985 Apr 20; 290(6476):1214

Platelets in pregnancy: racial differences [letter] Guthrie DL, et al. **Clin Lab Haematol** 1984;6(4):394-6

Influence of racial background on the distribution of T-cell subsets and Leu 11-positive lymphocytes in healthy blood donors. Prince HE, et al. **Diagn Immunol** 1985;3(1):33-7

Sister chromatid exchanges: a reexamination of the evidence for sex and race differences in humans. Margolin BH, et al. **Environ Mutagen** 1985;7 Suppl 4:63-72

Fabella in men of three human races. Miaśkiewicz C, et al. **Folia Morphol** 1984;43(4):369-74

IEF patterns of HLA-B13 antigens from Orientals and Caucasians. Yang SY, et al. **Immunogenetics** 1985; 21(2):125-34

Mortality due to all causes and to cardiovascular diseases among seven race-ethnic populations in Los Angeles County, 1980. Frerichs RR, et al. **Int J Epidemiol** 1984 Sep;13(3):291-8

Racial differences in susceptibility to tuberculosis: risk of disease after infection. Kushigemachi M, et al. **J Chronic Dis** 1984;37(11):853-62 (62 ref.)

Evaluation of the total fetomaternal vitamin D relationships at term: evidence for racial differences. Hollis BW, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):652-7

Myasthenia gravis and HLA antigens in American blacks and other races. Christiansen FT, et al. **J Neuroimmunol** 1984 Dec;7(2-3):121-9

Leads from the MMWR. Cancer patient survival by racial-ethnic group—United States, 1973 to 1979. **JAMA** 1985 Jun 7;253(21):3069

Racial differences in serum total bilirubin levels in health and in disease (pernicious anemia). Carmel R, et al. **JAMA** 1985 Jun 21;253(23):3416-8

Gallstones and risk of gallbladder cancer. Lowenfels AB, et al. **JNCI** 1985 Jul;75(1):77-80

Racial differences in bumetanide-sensitive cotransport and N-ethylmaleimide-stimulated potassium efflux. Weder AB, et al. **Life Sci** 1985 May 13;36(19):1813-8

Cancer patient survival by racial/ethnic group—United States, 1973-1979. **MMWR** 1985 May 10;34(18):248-50, 255

The influence of race and other factors on the outcome of intracranial surgery for cerebral artery aneurysms. Kaufman DM, et al. **NY State J Med** 1984 Nov; 84(11):549-53

Racial contrasts of blood pressure levels in two southern, rural communities. Webber LS, et al. **Prev Med** 1985 Jan; 14(1):140-51

Health risks among enlisted males in the U.S. Navy: race and ethnicity as correlates of disease incidence. Palinkas LA, et al. **Soc Sci Med** 1985;20(11):1129-41

HISTORY

[From racial myth to racial delusion and selection] Schmidt G. **Nervenarzt** 1985 Jul;56(7):337–47 **(Ger)**

RADIAL NERVE

Severe compression neuropathy following sudden onset of parkinsonian immobility. Kurlan R, et al. **Arch Neurol** 1985 Jul;42(7):720

Radial compression neuropathy in advanced Parkinson's disease. Preston DN, et al. **Arch Neurol** 1985 Jul; 42(7):695–6

Cheiralgia paresthetica and linear atrophy as a complication of local steroid injection. Chodoroff G, et al. **Arch Phys Med Rehabil** 1985 Sep;66(9):637–9

Localized hypertrophic neuropathy—a rare, clinically almost unknown syndrome. Böker DK, et al. **Clin Neuropathol** 1984 Sep–Oct;3(5):228–30

Lymphatic compression of the superficial branch of the radial nerve—a case report. Fossati E, et al. **J Hand Surg [Am]** 1984 Nov;9(6):898–900

Synovial sarcoma: with radial nerve involvement. Cugola L, et al. **J Hand Surg [Br]** 1985 Jun;10(2):243–4

[Neuralgia of the dorsal interosseous nerve] Carozzi S, et al. **Chir Ital** 1983 Apr;35(2):279–84 (Eng. Abstr.) **(Ita)**

[Differential diagnosis of entrapment neuropathy] Matsuzaki A. **Nippon Seikeigeka Gakkai Zasshi** 1984 Sep;58(9):937–48 **(Jpn)**

[Entrapment of the radial nerve in the elbow region. Differential diagnosis in radial epicondylitis] Lilleby H, et al. **Tidsskr Nor Laegeforen** 1985 Apr 20;105(11):749–50 (Eng. Abstr.) **(Nor)**

ANATOMY & HISTOLOGY

Anatomic variations in the motor and sensory supply of the thumb. Falconer D, et al. **Clin Orthop** 1985 May; (195):83–96

A gross anatomic and histologic study of the innervation of the proximal interphalangeal joint. Schultz RJ, et al. **J Hand Surg [Am]** 1984 Sep;9(5):669–74

INJURIES

Trauma and amyotrophic lateral sclerosis [letter] Riggs JE. **Arch Neurol** 1985 Mar;42(3):205

Immediate radial nerve palsy complicating fracture of the shaft of the humerus: when is early exploration justified? Böstman O, et al. **Injury** 1985 Jul;16(7):499–502

Severe injuries of the radial nerve treated by sural nerve grafting. Fisher TR, et al. **Injury** 1985 May;16(6):411–2

[Humeral fractures complicated by radial nerve injuries: report of 31 cases] Li CQ. **Chung Hua Wai Ko Tsa Chih** 1985 May;23(5):278–80, 318 (Eng. Abstr.) **(Chi)**

[Technic and results of replacement operations for irreparable radial paralysis] Heisel J, et al. **Aktuel Traumatol** 1985 Jun; 15(3):127–34 (Eng. Abstr.) **(Ger)**

[Merle d'Aubigné replacement-plasty in irreparable radial paralysis] Mayer G, et al. **Zentralbl Chir** 1985;110(4):239–44 **(Ger)**

[Supinator tunnel syndrome of the radial nerve] Bíró V, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1985; 28(3):250–3 (Eng. Abstr.) **(Hun)**

[High multiple nerve injuries of the upper limb] Haftek J, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(5):427–32 (Eng. Abstr.) **(Pol)**

[Methods of complex functional rehabilitation treatment of inveterate humeral fractures and fractures of bones of the elbow joint associated with peripheral nerve injuries (in the system of surgical treatment] Razenkov NN, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep–Oct;(5):40–4 (Eng. Abstr.) **(Rus)**

PATHOLOGY

The overlap pattern of the lateral antebrachial cutaneous nerve and the superficial branch of the radial nerve. Mackinnon SE, et al. **J Hand Surg [Am]** 1985 Jul; 10(4):522–6

PHYSIOLOGY

Sensory evoked potentials of the radial and sural nerves in healthy adult subjects: age- and sex-dependent normal values. Kredba J. **Acta Univ Carol [Med] (Praha)** 1984; 30(1–2):89–115

Sensory action potentials in the ulnar and radial nerves of dogs: effect of stimulation site and voltage. van Nes JJ. **Am J Vet Res** 1985 May;46(5):1155–61

Stationary peaks from a moving source in far-field recording. Kimura J, et al. **Electroencephalogr Clin Neurophysiol** 1984 Oct;58(4):351–61

Convergence and interaction of somatic and visceral impulsation on neurons of the ventral posterolateral thalamic nucleus. Airapetyan AA, et al. **Neurosci Behav Physiol** 1985 May–Jun;15(3):199–206

Evaluation of sensory nerve conduction velocity testing of the superficial radial nerve. Echternach JL, et al. **Phys Ther** 1985 Apr;65(4):470–3

PHYSIOPATHOLOGY

The electromyographic prognosis of traumatic paralysis of radial nerve. Study of its myelinic and axonal damage. Negrin P, et al. **Electromyogr Clin Neurophysiol** 1984 Aug–Sep;24(6):481–4

RADIATION EFFECTS

Effects of clinical infrared laser on superficial radial nerve conduction. Greathouse DG, et al. **Phys Ther** 1985 Aug; 65(8):1184–7

SURGERY

Digital nerve-grafting for traumatic defects. Use of the lateral antebrachial cutaneous nerve. Tenny JR, et al. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1375–9

Results of digital neurorrhaphy in adults. Sullivan DJ. **J Hand Surg [Br]** 1985 Feb;10(1):41–4

[Proximal radial nerve compression syndrome. Treatment and results] Wilhelm A, et al. **Handchir Mikrochir Plast Chir** 1985 Jul;17(4):219–24 (Eng. Abstr.) **(Ger)**

RADIATION

see related

NUCLEAR WARFARE
RADIOACTIVITY

How to see in the dark: photon noise in vision and nuclear medicine. Peskin CS, et al. **Ann NY Acad Sci** 1984; 435:48–72

Spectra of optical radiation from welding arcs. Okuno T. **Ind Health** 1985;23(1):53–70

A radiation primer [news] Taylor LS. **J Nucl Med** 1985 Feb; 26(2):118–21

Exposure contribution from Ti K x rays produced in the titanium capsule of the clinical I-125 seed. Kubo H. **Med Phys** 1985 Mar–Apr;12(2):215–20

Energy imparted to water slabs by photons in the energy range 5–300 keV. Calculations using a Monte Carlo photon transport model. Persliden J, et al. **Phys Med Biol** 1984 Sep;29(9):1075–88

The significance of electron binding corrections in Monte Carlo photon transport calculations. Williamson JF, et al. **Phys Med Biol** 1984 Sep;29(9):1063–73

[Application of radiation to biomedical materials and artificial organs] Ikada Y. **Radioisotopes** 1984 Jun;33(6):397–406 (38 ref.) **(Jpn)**

[Radiation as a microbiological contamination control of drugs, cosmetics and medical devices] Ishizeki C. **Radioisotopes** 1985 May;34(5):282–91 (56 ref.) **(Jpn)**

[An experimental model for adjusting the rhythm of irradiation to the kinetics of the tissues to be irradiated] Gili Planas J, et al. **Rev Esp Oncol** 1982;29(3):511–27 (Eng. Abstr.) **(Spa)**

METHODS

Synchrotron radiation applied to the microscopical examination of solid state and biological materials in the X-ray region. Duke PJ. **J Microsc** 1985 Jun;138 (Pt 3):285–92

RADIATION BIOLOGY see **RADIOBIOLOGY**

RADIATION CHIMERA

Growth of transplantable melanoma and leukaemia and prevention of virus-induced leukaemia in long lived radiation chimeras constructed with unmanipulated bone marrow. Pierpaoli W. **Clin Exp Immunol** 1985 Jan; 59(1):210–6

Restitution of the thymus in lethally irradiated mice after transplantation of syngeneic or allogeneic bone marrow. Müller-Hermelink HK, et al. **Immunobiology** 1984 Dec; 167(5):462–82

One-way occurrence of graft-versus-host disease in bone marrow chimaeras between congenic MRL mice. Fujiwara M, et al. **Immunology** 1984 Oct;53(2):251–6

Analysis of contact sensitivity to 2,4-dinitrofluorobenzene (DNFB) in allogeneic bone marrow chimaera in mice. Yasumizu R, et al. **Immunology** 1985 Jan;54(1):149–53

Stimulation of genetic resistance to marrow grafts in mice by interferon-alpha/beta. Afifi MS, et al. **J Immunol** 1985 Jun;134(6):3739–45

Inhibition of growth of MOPC 104E cells in immunosuppressed mice. Hiramoto RN, et al. **J Immunol** 1984 Dec;133(6):3424–8

Intrathymic T cell differentiation in radiation bone marrow chimeras and its role in T cell emigration to the spleen. An immunohistochemical study. Hirokawa K, et al. **J Immunol** 1985 Jun;134(6):3615–24

Recipient micro-environment does not dictate the Igh-V restriction specificity of T cell suppressor inducer factor (TsiF) from allogeneic bone marrow chimera in mice. Noguchi M, et al. **J Immunol** 1985 Oct;135(4):2557–61

Strain difference in the radiosensitivity of immunocompetent cells and its influence on the residual host-vs-graft reaction in lethally irradiated mice grafted with semiallogeneic bone marrow. Sado T, et al. **J Immunol** 1985 Feb;134(2):704–10

The cytolytic T lymphocyte receptor repertoire of H-2 disparate cells obtained from double parent chimeras. Sherman LA. **J Immunol** 1985 Mar;134(3):1330–2

Characteristics of macrophages in irradiation chimeras in mice reconstituted with allogeneic bone marrow cells. Yasumizu R, et al. **J Leukocyte Biol** 1985 Aug;38(2):305–15

The fate of liver allografts in radiation bone marrow chimeras in mice. Nakamura T, et al. **Nippon Geka Hokan** 1985 Mar 1;54(2):59–66

Characterization of hemopoietic stem cell chimerism in antibody-facilitated bone marrow chimeras. Francescutti LH, et al. **Transplantation** 1985 Jul;40(1):7–11

Characterization of host lymphoid cells in antibody-facilitated bone marrow chimeras. McCarthy SA, et al. **Transplantation** 1985 Jul;40(1):12–7

Sublethal fractionated total-body irradiation and donor bone marrow infusion for induction of allograft tolerance. Pierce GE, et al. **Transplantation** 1985 Mar;39(3):236–41

Immunological reactivity of fully allogeneic radiation chimeras. Rayfield LS, et al. **Transplantation** 1985 Jun; 39(6):678–82

Assessment of immunocompetence by limiting dilution analysis in long-term T cell depletion chimeras transplanted across the MHC barrier. Vallera DA, et al. **Transplantation** 1985 Sep;40(3):311–6

Increased incidence of murine graft-versus-host disease after allogeneic bone marrow transplantation by previous infusion of syngeneic bone marrow cells. Waer M, et al. **Transplantation** 1984 Oct;38(4):396–400

[T cell distribution in the lymphatic tissues of bone marrow chimeras. An immunohistochemical study] Nakahara Y, et al. **Igaku Kenkyu** 1984 Mar;54(2):125–33 (Eng. Abstr.) **(Jpn)**

RADIATION DOSAGE

see related

RADIOTHERAPY DOSAGE

Correction for the angular dependence of a detector in electron and photon beams. Brahme A. **Acta Radiol [Oncol]** 1985 May–Jun;24(3):301–4

Radiation dose dependence of the sensitization by oxygen and oxygen mimic sensitizers. Révész L, et al. **Acta Radiol [Oncol]** 1985 May–Jun;24(3):209–17 (52 ref.)

Reduction of absorbed doses in radiography of the facial skeleton. Julin P, et al. **AJR** 1984 Nov;143(5):1113–6

Radiation exposure and protection in cardiac catheterization laboratories. Miller SW, et al. **Am J Cardiol** 1985 Jan 1; 55(1):171–6

Rat submandibular gland microvasculature following fractionated megavoltage irradiation. Savage NW, et al. **Aust Dent J** 1985 Apr;30(2):99–103

Radiation dosimetry descriptors applied to four CT scanners in New Zealand. Poletti JL, et al. **Australas Radiol** 1984 May;28(2):161–70

Minimising radiation hazards in paediatric nuclear medicine. Savage JP. **Australas Radiol** 1984 Nov;28(4):362–7

Reduction of the dose to patients during lateral cephalometric radiography. Report of a Joint Working Party of the British Society for the Study of Orthodontics and the British Society of Dental and Maxillofacial Radiology. **Br Dent J** 1985 Jun 8;158(11):415

The dental exposure normalization technique (DENT) program in Alberta. Goss K. **Can Dent Assoc J** 1985 May; 51(5):361–4

Effective dose equivalent from radiopharmaceuticals. Johansson L, et al. **Eur J Nucl Med** 1984;9(11):485–9

Scattered radiation doses to some critical organs during pediatric radiotherapy. Agard ET, et al. **Health Phys** 1985 Apr;48(4):447–51

An estimate of the somatically effective dose from diagnostic radiology in the Netherlands during 1976–1980. Beentjes LB, et al. **Health Phys** 1984 Aug;47(2):299–304

Radiation exposure risks to nuclear well loggers. Fujimoto K, et al. **Health Phys** 1985 Apr;48(4):437–45

Estimation of mean organ doses in diagnostic radiology from Rando phantom measurements. Huda W, et al. **Health Phys** 1984 Sep;47(3):463–7

Comparison of the ICRP and MIRD models for Fe metabolism in man. Johnson JR, et al. **Health Phys** 1985 Aug;49(2):211–9

Some comments on the concepts of dose and dose equivalent. Katz R, et al. **Health Phys** 1984 Oct;47(4):603–11

Campbell's theorems and calculations on the effects of randomly distributed intakes of radioactive materials. McAulay IR, et al. **Health Phys** 1985 Apr;48(4):485–6

An approximate method for estimating the short-term centerline gamma absorbed dose due to a continuous, ground-level release. Nie YF, et al. **Health Phys** 1985 Jul; 49(1):100–5

Estimation of absorbed dose in cell nuclei due to DNA-bound 3H. Saito M, et al. **Health Phys** 1985 Apr; 48(4):465–73

Dose estimation to the infant from breast milk following intraperitoneal administration of chromic phosphate 32P for the treatment of early ovarian cancer. Sharma SC, et al. **Health Phys** 1984 Sep;47(3):452–4

An estimation of the effective dose equivalent from Rn short-lived decay products. Shimo M. **Health Phys** 1984 Sep;47(3):476–9

Projected whole-body career doses for radiation workers in Canada. Sont WN, et al. **Health Phys** 1984 Nov; 47(5):693–700

Comments on the paper 'Measurement of the effective dose equivalent in a nuclear reactor environment with a personal thermoluminescent dosimeter' [letter] Sutherland JK. **Health Phys** 1985 Aug;49(2):315–7

Ingestion pathway factor in dose assessment for annual airborne releases of radioactivity. Vold E. **Health Phys** 1984 Sep;47(3):429–41

A new unit for effective dose equivalent [letter] Waight PJ. **Health Phys** 1985 Apr;48(4):510

Comparison of experimental and theoretical depth doses in the ICRU sphere using 137Cs. Williams G, et al. **Health Phys** 1985 Jul;49(1):94–9

The effect of uncertainty of model parameters on estimates of committed dose equivalent. Wise KN. **Health Phys** 1985 Apr;48(4):501–8

An assessment of the radiological impact of the Windscale reactor fire, October 1957. Crick MJ, et al. **Int J Radiat Biol** 1984 Nov;46(5):479–506

Multifraction radiation response of mouse lung. Vegesna V, et al. **Int J Radiat Biol** 1985 Apr;47(4):413–22

Dose to the contralateral breast due to primary breast irradiation. Fraass BA, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):485–97

Operator radiation exposure during percutaneous transluminal coronary angioplasty. Dash H, et al. **J Am Coll Cardiol** 1984 Oct;4(4):725–8

Radiation dosimetry of radioiodinated thyroid hormones. Hays MT. **J Nucl Med** 1985 Sep;26(9):1068–74

Intracellular distribution and radiotoxicity of chromium–51 in mammalian cells: Auger–electron dosimetry. Kassis AI, et al. **J Nucl Med** 1985 Jan;26(1):59–67

Computer package for the calculation of the radiation dose to patients, based on the MIRD approach [letter] Pan ZY, et al. **J Nucl Med** 1985 Mar;26(3):318–20

Re: Radiation absorbed dose from Tc–99m diethylenetriaminepentaacetic acid (DTPA) [letter] Smith T. **J Nucl Med** 1984 Dec;25(12):1392

Radiation doses to the tissues of rat from tritiated thymidine administered by three different routes. Takeda H, et al. **J Radiat Res (Tokyo)** 1984 Sep;25(3):194–202

Irradiation of groups of mice and rats. Studies on the homogeneity of dose distribution in the irradiation field of a Co–60 source. Jensen JM, et al. **Lab Anim** 1984 Oct;18(4):332–5

Discharges from Sellafield [letter] Dunster HJ. **Lancet** 1984 Oct 13;2(8407):873

A simple derivation of Ngas, a correction in Awall, and other comments on the AAPM Task Group 21 protocol. Attix FH. **Med Phys** 1984 Sep–Oct;11(5):725–8

A photon dose distribution model employing convolution calculations. Boyer A, et al. **Med Phys** 1985 Mar–Apr;12(2):169–77

Shortening the calculation time of photon dose distributions in an inhomogeneous medium. Boyer AL. **Med Phys** 1984 Jul–Aug;11(4):552–4

Minimum entrance exposure estimates for information recording in diagnostic radiology. Brodie I, et al. **Med Phys** 1985 May–Jun;12(3):362–7

Radiation dose in diagnostic radiology: Monte Carlo simulation studies. Chan HP, et al. **Med Phys** 1984 Jul–Aug;11(4):480–90

Beam quality independent attenuation phantom for estimating patient exposure from x–ray automatic exposure controlled chest examinations. Conway BJ, et al. **Med Phys** 1984 Nov–Dec;11(6):827–32

On the selection of stopping–power and mass energy–absorption coefficient ratios for high–energy x–ray dosimetry. Cunningham JR, et al. **Med Phys** 1984 Sep–Oct;11(5):618–23

Dose to radiotherapy technologist from air activation. McGinley PH, et al. **Med Phys** 1984 Nov–Dec;11(6):855–8

A convolution method of calculating dose for 15–MV x rays. Mackie TR, et al. **Med Phys** 1985 Mar–Apr;12(2):188–96

The density scaling theorem applied to lateral electronic equilibrium. O'Connor JE. **Med Phys** 1984 Sep–Oct;11(5):678–80

Theoretical and experimental investigation of dose enhancement due to charge storage in electron–irradiated phantoms. Rawlinson JA, et al. **Med Phys** 1984 Nov–Dec;11(6):814–21

Absorbed doses from temporomandibular joint radiography. Brooks SL, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jun;59(6):647–52

Patient risk from interproximal radiography. Gibbs SJ, et al. **Oral Surg Oral Med Oral Pathol** 1984 Sep;58(3):347–54

Exposure distribution, absorbed doses, and energy imparted for panoramic radiography using Orthopantomograph model OP 5. Nilsson L, et al. **Oral Surg Oral Med Oral Pathol** 1985 Feb;59(2):212–9

The effectiveness of the thyroid shield in dental radiology. Sikorski PA, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug;58(2):225–36

Conversion factors for ultraviolet radiation dosage with different types of ultraviolet therapy. Berne B, et al. **Photodermatol** 1984 Dec;1(6):307–10

A pre–set ultraviolet dose meter. Pepper MG, et al. **Photodermatol** 1984 Dec;1(6):302–6

Energy imparted to the patient in diagnostic radiology: calculation of conversion factors for determining the energy imparted from measurements of the air collision kerma integrated over beam area. Alm Carlsson G, et al. **Phys Med Biol** 1984 Nov;29(11):1329–41

Measurement of radiation dose distributions by nuclear magnetic resonance (NMR) imaging. Gore JC, et al. **Phys Med Biol** 1984 Oct;29(10):1189–97

Radiation dose to the breast during mammography: a comprehensive, realistic Monte Carlo calculation. Kulkarni RN, et al. **Phys Med Biol** 1984 Oct;29(10):1257–64

Sodium in man and the assessment of radiation dose after criticality accidents. Mole RH. **Phys Med Biol** 1984 Nov;29(11):1307–27

Charge storage effect on dose in insulating phantoms irradiated with electrons. Thwaites DI. **Phys Med Biol** 1984 Sep;29(9):1153–6

A new method of SAR determination in animals exposed to microwave/radiofrequency radiation (MW/RFR). Heinmets F, et al. **Physiol Chem Phys Med NMR** 1984;16(1):57–70

Clinical data for radiation embryology. Investigation programme 1967, report 1984. Neumeister K, et al. **Radiat Environ Biophys** 1985;24(3):227–37

Radiosensitivity of irradiated mouse skin to a second course of single and multifractionated irradiation. I. Early skin reaction. Masuda K, et al. **Radiat Med** 1983 Jan–Mar;1(1):85–8

An analysis of various aspects of atomic bomb dose estimation at RERF using data on acute radiation symptoms. Gilbert ES, et al. **Radiat Res** 1984 Oct;100(1):124–38

Primary and secondary radiation doses from neon beam fragments. Jain PL, et al. **Radiat Res** 1985 Sep;103(3):317–25

On the microdosimetric definition of quality factors. Zaider M, et al. **Radiat Res** 1985 Sep;103(3):302–16

Computer program for diagnostic X–ray exposure conversion. Lewis S. **Radiography** 1984 Nov–Dec;50(594):266–70

Gonadal dose measurement in diagnostic nuclear medicine using thermoluminescent dosimeters. Su LN, et al. **Radioisotopes** 1985 Mar;34(3):137–43

Dosimetry in a magnetically swept electron beam. Boag JW. **Radiother Oncol** 1984 Jun;2(1):37–40

Dose reduction by field size trimming in rotational panoramic radiography. Svanaes DB, et al. **Scand J Dent Res** 1985 Feb;93(1):61–7

Dosimetry of computerized tomography in the evaluation of hip dysplasia. Guyer B, et al. **Skeletal Radiol** 1984;12(2):123–7

Radiation dosimetry of 12 MV photons from a CGR Therac 20 MeV Saturne linear accelerator. Nair RP. **Strahlentherapie** 1984 Oct;160(10):612–6

Absorbed doses at varying tube voltage in lateral cephalography. Eliasson S, et al. **Swed Dent J** 1985;9(3):117–27

Accuracy of radiographic caries diagnosis at different kilovoltages and two film speeds. Svenson B, et al. **Swed Dent J** 1985;9(1):37–43

An HVEM for high resolution low–dose studies of biomacromolecules. Pawley J. **Ultramicroscopy** 1984;13(4):387–405

[Radiation burden in the CT examination] Horčík J, et al. **Cesk Radiol** 1984 Jul;38(4):248–54 (Eng. Abstr.) **(Cze)**

[Has alteration of the postoperative treatment of ovarian cancer affected the survival rate? Assessment of a 7 year period] Enig B. **Ugeskr Laeger** 1985 Jan 7;147(2):86–9 (Eng. Abstr.) **(Dan)**

[Calculation of irradiation in radiodiagnosis. Method and surveys] Duvauferrier R, et al. **Ann Radiol (Paris)** 1984 Dec;27(8):675–89 (Eng. Abstr.) **(Fre)**

[Dosimetric study of radiographs produced in the neonatal intensive care unit in newborn infants from 1 to 30 days of age] Boussert F, et al. **J Radiol** 1985 Mar;66(3):219–24 (Eng. Abstr.) **(Fre)**

[Somatic irradiation risk tp patients during angiography] Böhlke R, et al. **Radiol Diagn (Berl)** 1985;26(3):433–7 (Eng. Abstr.) **(Ger)**

[Radiation dosage to personnel occupationally exposed to radiation during roentgen diagnosis] Rothe W. **Radiol Diagn (Berl)** 1984;25(4):487–91 (Eng. Abstr.) **(Ger)**

[Dose measurements in determining radiation exposure in mammography] Hoffmann R, et al. **ROFO** 1984 Oct;141(4):442–7 (Eng. Abstr.) **(Ger)**

[Reduction of patient dose with maximum assurance of image quality] Kuhn H. **Rontgenblatter** 1985 Jul;38(7):224–30 (Eng. Abstr.) **(Ger)**

[Measurements of radiation exposure of patients during indirect transvenous digital subtraction angiography—comparison of pulse–mode and continuous–mode operation] Neufang KF, et al. **Rontgenpraxis** 1985 Jun;38(6):206–8 **(Ger)**

[Introduction to a new definition of the standard of dose exposures and dose units by the German Industrial Norm DIN 6814, Part 3] Harder D. **Strahlentherapie** 1985 Feb;161(2):113–22 (Eng. Abstr.) **(Ger)**

[Digital recording of glow curves of the TLD–300 thermoluminescent dosimetry detector by adaptation of a sum of Gauss function to the measured values] Meissner P. **Strahlentherapie** 1985 Feb;161(2):102–6 (Eng. Abstr.) **(Ger)**

[Experimental dosimetric comparison between single tomography and multiple simultaneous tomography with Synchroplan in clinical practice] Cesarani F, et al. **Radiol Med (Torino)** 1985 Mar;71(3):155–8 (Eng. Abstr.) **(Ita)**

[Exposure dose of digital subtraction angiography] Yodono H, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Mar 25;45(3):525–30 (Eng. Abstr.) **(Jpn)**

[A new computational method for estimating X–ray spectral distributions] Tominaga S. **Radioisotopes** 1984 Jul;33(7):423–30 (Eng. Abstr.) **(Jpn)**

[Establishing risk estimates for individual organs] Bair WJ. **Rinsho Hoshasen** 1985 Feb;30(2):327–32 **(Jpn)**

[Radiation doses to the rectum in high dose rate intracavitary irradiation of cancer of the uterine cervix: with special reference to the difference between calculated and measured dose] Koga K, et al. **Rinsho Hoshasen** 1985 Jan;30(1):173–6 (Eng. Abstr.) **(Jpn)**

[Radiation doses to the population of the Cheliabinsk region due to roentgenodiagnostic examinations] Pochinskiĭ AG, et al. **Gig Sanit** 1984 Oct;(10):62–3 **(Rus)**

[Physical principles of optimization of roentgenologic studies] Lebedev LA, et al. **Med Radiol (Mosk)** 1984 Oct;29(10):56–60 (Eng. Abstr.) **(Rus)**

[Current views on the effects of ionizing radiation on mammals and the problem of standardization] Moskalev IuS. **Med Radiol (Mosk)** 1985 Jun;30(6):66–72 (35 ref.) **(Rus)**

[Effect of detector sensitivity on regional indices of pulmonary function] Narkevich BIa, et al. **Med Radiol (Mosk)** 1985 Jun;30(6):44–8 (Eng. Abstr.) **(Rus)**

[Concept of effective equivalent dose for medical irradiation] Nikitin VV. **Med Radiol (Mosk)** 1985 Mar;30(3):3–9 (Eng. Abstr.) **(Rus)**

[The levels of occupational irradiation of medical radiologists in the USSR from 1981 data on centralized individual dosimetric control] Romanova IN, et al. **Med Radiol (Mosk)** 1984 Nov;29(11):62–6 (Eng. Abstr.) **(Rus)**

[Use of multifactor analysis of various blood indices to determine the degree of body irradiation] Stavitskiĭ RV, et al. **Med Radiol (Mosk)** 1984 Oct;29(10):41–4 **(Rus)**

[Tissue irradiation doses in roentgenologic examinations of thoracic organs] Stavitskiĭ RV, et al. **Med Radiol (Mosk)** 1985 Jan;30(1):28–30 (Eng. Abstr.) **(Rus)**

[Basis for allowable errors in determining doses to patients during roentgenologic examinations] Zherbin EA, et al. **Med Radiol (Mosk)** 1985 Jan;30(1):48–51 (Eng. Abstr.) **(Rus)**

[Long–term effects of chronic irradiation of rats at different dose rates] Boĭtsova VP, et al. **Radiobiologiia** 1984 Sep–Oct;24(5):672–5 (Eng. Abstr.) **(Rus)**

[Mechanisms of action of high and superhigh doses of gamma–quanta and neutrons on the central nervous system] Lavrova GA, et al. **Radiobiologiia** 1984 Sep–Oct;24(5):616–9 (Eng. Abstr.) **(Rus)**

[Irradiation of the patient's body in carbonate–radon baths] Andreev SV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov–Dec;(6):35–8 **(Rus)**

[Current problems of the carcinogenic effect of small doses of radiation] Vasilenko IIa, et al. **Vopr Onkol** 1985;31(4):3–11 (32 ref.) **(Rus)**

RADIATION EFFECTS

The effects of low–dose radiation: research still needed. Margulis AR, et al. **AJR** 1985 Aug;145(2):431–2

Canine postradiation histamine levels and subsequent response to Compound 48/80. Cockerham LG, et al. **Aviat Space Environ Med** 1984 Nov;55(11):1041–5

Risk estimate for genetic effects. Abrahamson S. **Basic Life Sci** 1985;33:223–50

Cytogenetic and allied studies in populations exposed to radiations and chemical agents. Evans HJ. **Basic Life Sci** 1985;33:429–51

The feasibility and urgency of monitoring human populations for the genetic effects of radiation: the Hiroshima–Nagasaki experience. Neel JV. **Basic Life Sci** 1985;33:393–413

Health effects in residents of regions with high background radiation. Hanson GP. **Bull Pan Am Health Organ** 1984;18(3):230–44

Comments on informing the public about the risks of ionizing radiation [letter] Tschaeche AN. **Health Phys** 1985 Mar;48(3):349–50

Association for Radiation Research. Abstracts of papers. Newcastle upon Tyne, 18–20 December 1984. **Int J Radiat Biol** 1985 Feb;47(2):219–29

Radiation–induced inhibition of thymidine incorporation in vivo as a measure of the initial slope and RBEn/gamma. Dubravsky NB, et al. **Int J Radiat Oncol Biol Phys** 1985 Aug;11(8):1513–7

Food restriction, ionizing radiation, and natural selection. Totter JR. **Mech Ageing Dev** 1985 May 31;30(3):261–71

Delayed neovascularization in free skin flap transfer to irradiated beds in rats. Clarke HM, et al. **Plast Reconstr Surg** 1985 Apr;75(4):560–4

Evidence for linear response for the induction of mutations in human cells by x–ray exposures below 10 rads. Grosovsky AJ, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2092–5

Mortality of registered A–bomb survivors in Nagasaki, Japan, 1970–1984. Okajima S, et al. **Radiat Res** 1985 Sep;103(3):419–31

Repair of fractionated radiation in plateau phase cultures of human tumor cells and human multicellular tumor spheroids. Weichselbaum RR, et al. **Radiother Oncol** 1984 Jun;2(1):41–7

Radiation studies with spheroids. Durand RE, et al. **Recent Results Cancer Res** 1984;95:103–15 (35 ref.)

Beneficial physiologic effects of ionizing radiation. Luckey TD. **Strahlenschutz Forsch Prax** 1985;25:184–96 (33 ref.)

[Pacemaker behavior during therapeutic irradiation] Storm CJ, et al. **Ned Tijdschr Geneeskd** 1985 Jul 20;129(29):1388 **(Dut)**

[Analysis of the biological effects of soft lasers] Re F, et al. **Minerva Stomatol** 1985 Mar–Apr;34(2):357–9 (14 ref.) (Eng. Abstr.) **(Ita)**

[The heterozygote beta–thalassemic patient with regard to radiological hazards] Toti A, et al. **Radiol Med (Torino)** 1984 Jul–Aug;70(7–8):516–9 (Eng. Abstr.) **(Ita)**

[Mathematical model of the combined effects of ionizing radiation and hyperthermia on mammalian cells] Komarov VP, et al. **Med Radiol (Mosk)** 1985 Jul;30(7):41–6 (Eng. Abstr.) **(Rus)**

[Current views on the effects of ionizing radiation on mammals and the problem of standardization] Moskalev IuS. **Med Radiol (Mosk)** 1985 Jun;30(6):66–72 (35 ref.) **(Rus)**

[Quantitative assessments of synergism] Lystsov VN, et al. **Radiobiologiia** 1985 Jan–Feb;25(1):43–6 (Eng. Abstr.) **(Rus)**

[Comparative study of the optical properties of biological tissues in exposure to helium–neon and helium–cadmium laser radiation] Laprun IB, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Jul–Aug;(4):50–2 **(Rus)**

[Work of the United Nations Scientific Committee on the Effects of Atomic Radiation] Moskalev IuI. **Vopr Onkol** 1985;31(8):22–32 **(Rus)**

RADIATION GENETICS

The radioprotector WR1065 reduces radiation–induced mutations at the hypoxanthine–guanine phosphoribosyl transferase locus in V79 cells. Grdina DJ, et al. **Carcinogenesis** 1985 Jun;6(6):929–31

Plutonium in gonads: a summary of the current status. Thomas RG, et al. **Health Phys** 1985 Jan;48(1):7–17 (32 ref.)

Electrophoretic variants of blood proteins in Japanese. IV. Prevalence and enzymologic characteristics of glucose–6–phosphate dehydrogenase variants in Hiroshima and Nagasaki. Kageoka T, et al. **Hum Genet** 1985; 70(2):101–8

Genetics and the atomic bombs [editorial] Wagner BM. **Hum Pathol** 1985 Feb;16(2):101–2

The formation of photoreactivable damage by direct excitation of DNA in X–irradiated E. coli cells. Duba VV, et al. **Int J Radiat Biol** 1985 Jan;47(1):49–56

Radiation–induced specific locus mutations in human mammary epithelial cells. Gould MN. **Int J Radiat Biol** 1985 Apr;47(4):387–91

Induction of chromosome aberrations in ICR 2A frog cells exposed to 265–313 nm monochromatic ultraviolet wavelengths and photoreactivating light. Rosenstein BS, et al. **Photochem Photobiol** 1985 Jan;41(1):57–61

The genotoxicity of alpha particles in human embryonic skin fibroblasts. Chen DJ, et al. **Radiat Res** 1984 Nov; 100(2):321–7

Sequence specificity of DNA cleavage by Micrococcus luteus gamma endonuclease. Hentosh P, et al. **Radiat Res** 1985 Apr;102(1):119–29

[Evaluation of selected epidemiological studies on radiation–exposed groups] Kaul A, et al. **Strahlenschutz Forsch Prax** 1985;25:61–90 **(Ger)**

[Biological radiation damage and its repair] Laskowski W. **Strahlenschutz Forsch Prax** 1985;25:169–82 (46 ref.) **(Ger)**

[Certainties and hypotheses in the field of radiation genetics] Vogel F. **Strahlenschutz Forsch Prax** 1985;25:144–68 (48 ref.) **(Ger)**

[Effect of heavy charged particles in galactic cosmic radiation on seeds] Maksimova EN. **Kosm Biol Aviakosm Med** 1985 May–Jun;19(3):71–4 (Eng. Abstr.) **(Rus)**

[Effect of preliminary chronic irradiation and alpha–tocopherol on the frequency of chromosome aberrations in mouse bone marrow cells, induced by exposure to acute gamma–irradiation] Aliev AA, et al. **Radiobiologiia** 1985 Jan–Feb;25(1):78–81 (Eng. Abstr.) **(Rus)**

[Characteristics of the descendants of male dogs exposed to chronic combined gamma–irradiation and in the postradiation period] Fedorova NL, et al. **Radiobiologiia** 1985 Jan–Feb;25(1):69–73 (Eng. Abstr.) **(Rus)**

RADIATION INJURIES

Graves' disease with ophthalmopathy following radiotherapy for Hodgkin's disease. Jacobson DR, et al. **Am J Med Sci** 1984 Dec;288(5):217–20

Ionizing radiation and the conceptus: neurophysiologic effects of prenatal X–radiation on offspring. Jensh RP. **Ann Clin Lab Sci** 1985 May–Jun;15(3):185–94

Thyrotoxic thyroiditis after radiotherapy for Hodgkin's disease. Blitzer JB, et al. **Arch Intern Med** 1985 Sep; 145(9):1734–5

Adenocarcinoma and colitis cystica profunda in a radiation–induced colonic stricture. Valiulis AP, et al. **Dis Colon Rectum** 1985 Feb;28(2):128–31

Unexpected toxicity from radiation therapy in two patients with Kaposi's sarcoma receiving interferon. Real FX, et al. **J Biol Response Mod** 1985 Apr;4(2):141–6

Science and standards. The case of ANSI C95.1—1982. Steneck NH. **J Microwave Power** 1984 Sep;19(3):153–8

Medical consequences of nuclear weapons today: 'final epidemic'? [news] Ketchum LE. **J Nucl Med** 1985 Aug; 26(8):837–40

Japanese scientists and A–bomb survivors spend lifetime in radiation studies [news] Mitchell G. **J Nucl Med** 1985 Aug; 26(8):842–4

Retinopathy after irradiation and hyperbaric oxygen [letter] Ashby MA. **J R Soc Med** 1985 Jul;78(7):604–5

Radiation bowel disease [editorial] **Lancet** 1984 Oct 27; 2(8409):963–4

Severe constrictive pericarditis after single 16 MeV anterior mantle irradiation for Hodgkin's disease. Coltart RS, et al. **Lancet** 1985 Mar 2;1(8427):488–9

Radiation enteritis [letter] Kerby IJ. **Lancet** 1985 Jun 22; 1(8443):1443

A critical appraisal of clonogenic survival assays in the evaluation of radiation damage to normal tissues. Michalowski A. **Radiother Oncol** 1984 Jan;1(3):241–6

Dose–incidence curves for tumour control and normal tissue injury, in relation to the response of clonogenic cells. Moore JV, et al. **Radiother Oncol** 1983 Nov;1(2):143–57

[Hematologic changes after a nuclear explosion] Dienstbier Z. **Cas Lek Cesk** 1985 Aug 2;124(31):961–4 (Eng. Abstr.) **(Cze)**

[The effect of ionizing radiation on the eye. II. The lens] Obenberger J, et al. **Cesk Oftalmol** 1985 May;41(3):178–89 (176 ref.) (Eng. Abstr.) **(Cze)**

[Ocular and orbital sequellae in the treatment of embryonic rhabdomyosarcoma of the orbit. Apropos of 3 cases] Behar C, et al. **Ann Pediatr (Paris)** 1984 Oct 15;31(9):739–42 (Eng. Abstr.) **(Fre)**

[Recto–sigmoidal complications of radiotherapy of cervical cancer (apropos of 92 cases)] Biadi–Llah MC, et al. **Maroc Med** 1985 Jun;7(2):536–48 (Eng. Abstr.) **(Fre)**

[Health disorders caused by radiation] Frischauf H. **Acta Med Austriaca** 1984;11(5):143–9 (Eng. Abstr.) **(Ger)**

[Bone injuries during radiation therapy of tumors in children and adolescents] Gun'ko RI. **Med Radiol (Mosk)** 1985 Jul; 30(7):72–6 (83 ref.) **(Rus)**

[A case of constrictive pericarditis developing 14 years after irradiation of the mediastinum] Shkhvatsabaia LV, et al. **Med Radiol (Mosk)** 1985 Jun;30(6):54–7 **(Rus)**

[Ultraviolet rays and occupational exposure] Hrnjak M. **Vojnosanit Pregl** 1985 May–Jun;42(3):217–22 **(Ser)**

BLOOD

Polycythemia and nuclear 'exposure' [letter] Parkes G. **JAMA** 1985 Mar 8;253(10):1391

Effect of growth hormone–releasing factor on growth hormone release in children with radiation–induced growth hormone deficiency. Lustig RH, et al. **Pediatrics** 1985 Aug; 76(2):274–9

COMPLICATIONS

Radiation injury to the axillary artery presenting as distal thromboembolism. Bressler EL, et al. **AJR** 1984 Nov; 143(5):1079–80

Nd:YAG laser therapy for gastrointestinal bleeding due to radiation colitis. Berken CA. **Am J Gastroenterol** 1985 Sep; 80(9):730–1

Pain and a radiation accident. Morse RH. **J La State Med Soc** 1984 Sep;136(9):16–8

The natural history of clinically established radiation enteritis. Galland RB, et al. **Lancet** 1985 Jun 1;1(8440):1257–8

Meningioma and occlusive vasculopathy: coexisting complications of past extracranial radiation. Montanera W, et al. **Surg Neurol** 1985 Jul;24(1):35–9

[Nuclear victims] Bocquet A, et al. **Chirurgie** 1984; 110(4):328–31 (Eng. Abstr.) **(Fre)**

[A case of tracheoesophageal fistula in Hodgkin's disease] Kuliszkiewicz–Janus M, et al. **Acta Haematol Pol** 1984 Jan–Jun;15(1–2):65–8 (Eng. Abstr.) **(Pol)**

[Long–term effects of nuclear war] Erlich PR, et al. **Pol Tyg Lek** 1984 Oct 29;39(44):1467–70 **(Pol)**

DIAGNOSIS

MR imaging of the spine after radiation therapy: easily recognizable effects. Ramsey RG, et al. **AJR** 1985 Jun; 144(6):1131–5

Diagnosis and treatment of lumbosacral plexopathies in patients with cancer. Pettigrew LC, et al. **Arch Neurol** 1984 Dec;41(12):1282–5

Platelet count in radiation bowel disease: an aid to diagnosis. Carr ND, et al. **Br J Surg** 1985 Apr;72(4):287–8

Electrophysiological findings after radiotherapy of choroidal melanoma. Foerster MH. **Dev Ophthalmol** 1984;9:228–34

Echocardiographic abnormalities following cardiac radiation. Perrault DJ, et al. **J Clin Oncol** 1985 Apr;3(4):546–51

Delayed cerebral pseudo–tumoral radionecrosis following scalp–tumour irradiation. Case report and review of literature. Vallee B, et al. **J Neurol** 1984;231(3):135–40

Differential diagnosis between radiation and tumor plexopathy of the pelvis. Thomas JE, et al. **Neurology** 1985 Jan;35(1):1–7

Radiation fibrosis: differentiation from recurrent tumor by MR imaging. Glazer HS, et al. **Radiology** 1985 Sep; 156(3):721–6

[Radiation sequelae in the intestine from the viewpoint of the gynecologic radiologist] Schwarz R. **Zentralbl Chir** 1984;109(10):657–9 (Eng. Abstr.) **(Ger)**

[Echotomography in the control of laryngectomized patients with post–radiation fibrosis of soft tissues] Turetta G, et al. **Acta Otorhinolaryngol Ital** 1984 Jan–Feb;4(1):69–74 (Eng. Abstr.) **(Ita)**

[Actinic pneumonitis: not to be confused with tuberculosis (letter)] Faria SL, et al. **Rev Paul Med** 1985 Jan–Feb; 103(1):46 **(Por)**

[Simplified clinical methods and means of rapid diagnosis and prognosis of acute radiation sickness (review of a problem)] Gus'kova AK, et al. **Med Radiol (Mosk)** 1984 Nov;29(11):56–61 (29 ref.) (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Preliminary report: acetylsalicylic acid therapy in the treatment of complications following abdominal radiation. Ludgate CM. **J Can Assoc Radiol** 1985 Jun;36(2):138–40

Anticoagulant therapy for radiation necrosis [letter] Berlit P. **J Neurosurg** 1985 Apr;62(4):625–6

[Use of nicotinic acid and midocalm for correcting blood coagulation in patients with radiation edema of the extremities] Chekalina SI, et al. **Med Radiol (Mosk)** 1985 Aug;30(8):28–30 (Eng. Abstr.) **(Rus)**

[Detoxication and antiproteolytic therapy of radiation complications] Iakhontov NE, et al. **Med Radiol (Mosk)** 1984 Nov;29(11):76–7 **(Rus)**

ETIOLOGY

Occlusion of the internal carotid artery after radiation therapy for the chiasmal lesion. Hirata Y, et al. **Acta Neurochir (Wien)** 1985;74(3–4):141–7

Extensive late bone necrosis after postoperative orthovoltage irradiation of breast carcinoma. Report of a case. Barak F, et al. **Acta Radiol [Oncol]** 1984;23(6):485–8

Respiratory function tests after mantle irradiation in patients with Hodgkin's disease. Cionini L, et al. **Acta Radiol [Oncol]** 1984;23(6):401–9

Lethal acute gamma radiation accident at Kjeller, Norway. Report of a case. Stavem P, et al. **Acta Radiol [Oncol]** 1985 Jan–Feb;24(1):61–3

Radiation treatment of laryngeal carcinoma with special reference to CRE values. Underskog I, et al. **Acta Radiol [Oncol]** 1985 May–Jun;24(3):227–32

Potential hazards of 67gallium lung scanning [letter] Spinelli F, et al. **Am J Med** 1985 Jun;78(6 Pt 1):A43, A49

Total thyroidectomy in irradiated patients. A twenty–year experience in 206 patients. Calandra DB, et al. **Ann Surg** 1985 Sep;202(3):356–60

Near–UV radiation from the operating microscope and pseudophakic cystoid macular edema. Jampol LM, et al. **Arch Ophthalmol** 1985 Jan;103(1):28–30

Radiation retinopathy after orbital irradiation for Graves' ophthalmopathy. Kinyoun JL, et al. **Arch Ophthalmol** 1984 Oct;102(10):1473–6

Spontaneous postoperative perforation of previously asymptomatic irradiated bowel. Galland RB, et al. **Br J Surg** 1985 Apr;72(4):285

Late effects of adjuvant radiotherapy for breast cancer. Ferguson DJ, et al. **Cancer** 1984 Dec 1;54(11):2319–23

Cerebral radiation necrosis following treatment of extracranial malignancies. Glass JP, et al. **Cancer** 1984 Nov 1;54(9):1966–72

Facial nerve damage in the treatment of tumours of the parotid gland. Rampling R, et al. **Clin Oncol** 1984 Dec; 10(4):345–51

Complications of radiation therapy. Dalinka MK, et al. **CRC Crit Rev Diagn Imaging** 1985;23(3):235–67 (76 ref.)

Radiation–induced solitary rectal ulcer. Crowe J, et al. **Dis Colon Rectum** 1985 Aug;28(8):610–2

The effects of permanent I–125 interstitial implantation on cortical bone. Mandell L, et al. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):1029–34

The latent period in clinical radiation myelopathy [editorial] Reinhold HS, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec;10(12):2385–7

Extrinsic versus intrinsic dose dependence of latency in radiation myelopathy [letter] Schultheiss TE, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec;10(12):2389

Solar retinopathy: a review of the literature and case report. Istock TH. **J Am Optom Assoc** 1985 May;56(5):374–82

The enigma of post–radiation oedema and residual or recurrent carcinoma of the larynx and pyriform fossa. Bahadur S, et al. **J Laryngol Otol** 1985 Aug;99(8):763–5

Medulloblastoma: are we overtreating? Vijayakumar S, et al. **J Natl Med Assoc** 1985 Feb;77(2):89–95

Painful arm and moving fingers [letter] Verhagen WI, et al. **J Neurol Neurosurg Psychiatry** 1985 Apr;48(4):384–5

Radiation–induced cerebral meningioma: a recognizable entity. Rubinstein AB, et al. **J Neurosurg** 1984 Nov; 61(5):966–71

Radiation of Hiroshima and Nagasaki builds foundation for risk estimates. Ketchum LE. **J Nucl Med** 1985 Aug; 26(8):833–6

Retinopathy after irradiation and hyperbaric oxygen. Stanford MR. **J R Soc Med** 1984 Dec;77(12):1041–3

Sore eyes due to accidental exposure to ultraviolet B [letter] Davies JE. **Lancet** 1984 Oct 27;2(8409):983

Osteoradionecrosis of the maxilla and skull base. Komisar

A, et al. **Laryngoscope** 1985 Jan;95(1):24-8

Doses to organs at risk from mantle field radiation therapy using 10 MV x-rays. Wong PS, et al. **Mt Sinai J Med (NY)** 1985 Mar;52(3):216-20

Radioactive iodine and testicular damage [letter] Ahmed SR, et al. **N Engl J Med** 1984 Dec 13;311(24):1576

Plexopathy induced by radiation therapy [letter] Glass JP, et al. **Neurology** 1985 Aug;35(8):1261

Gonadal damage due to radioactive iodine (I131) treatment for thyroid carcinoma. Ahmed SR, et al. **Postgrad Med J** 1985 Apr;61(714):361-2

Radiation-induced heart disease: an update. Stewart JR, et al. **Prog Cardiovasc Dis** 1984 Nov-Dec;27(3):173-94 (105 ref.)

Radiation necrosis. Fike JR, et al. **Prog Exp Tumor Res** 1984; 28:136-51

An analysis of various aspects of atomic bomb dose estimation at RERF using data on acute radiation symptoms. Gilbert ES, et al. **Radiat Res** 1984 Oct;100(1):124-38

Use of medical radiographs: extent of variation and associated active bone marrow doses. McNeil BJ, et al. **Radiology** 1985 Jul;156(1):51-6

Radiation injuries of the gastrointestinal tract in Hodgkin's disease: the role of exploratory laparotomy and fractionation. A study of 19 cases observed in a series of 134 patients treated at the Institut Gustave Roussy from 1972 to 1982. Gallez-Marchal D, et al. **Radiother Oncol** 1984 Aug;2(2):93-9

Radiation pneumonitis in patients treated for breast cancer. Rothwell RI, et al. **Radiother Oncol** 1985 Aug;4(1):9-14

Rectal complication after remote afterloading intracavitary therapy for carcinoma of the uterine cervix. Teshima T, et al. **Strahlentherapie** 1985 Jun;161(6):343-7

Hyperreninemic hypertension secondary to radiation nephritis in a child. Hulbert WC Jr, et al. **Urology** 1985 Aug;26(2):153-6

[Pericarditis after radiotherapy for breast cancer] Habrand JL, et al. **Bull Cancer (Paris)** 1985;72(1):52-4 **(Fre)**

[Photic macular injuries] Moyenin P, et al. **Bull Soc Ophtalmol Fr** 1984 Jun-Jul;84(6-7):849-52 **(Fre)**

[Complications of postoperative radiotherapy in uterine cancer] Kucera H, et al. **Geburtshilfe Frauenheilkd** 1984 Aug;44(8):498-502 (Eng. Abstr.) **(Ger)**

[Damage to inner ear function caused by the effect of ionizing rays] Strohm M, et al. **HNO** 1985 Jan;33(1):26-9 (Eng. Abstr.) **(Ger)**

[Calculation of radiation dose in changes in solar UV-B radiation with regard to keratitis photoelectrica] Blumthaler M, et al. **Klin Monatsbl Augenheilkd** 1985 Apr; 186(4):275-8 (Eng. Abstr.) **(Ger)**

[Lumbar radiation myelopathy. Case report on localization of lumbar radiation sequelae] Berlit P. **Nervenarzt** 1985 Apr; 56(4):206-9 (Eng. Abstr.) **(Ger)**

[Radiobiological limits in conventional after-irradiation of breast cancer. II. Observations on soft tissue changes] van der Wall H. **Radiobiol Radiother (Berl)** 1984;25(4):607-13 (Eng. Abstr.) **(Ger)**

[Radiation-induced proctocolitis, the other side of the coin] Häcki WH. **Schweiz Rundsch Med Prax** 1984 Aug 28; 73(35):1065-9 (Eng. Abstr.) **(Ger)**

[Chronic radiation sequelae in the rat rectum following intracavitary irradiation with different doses] Kiszel Z, et al. **Strahlentherapie** 1985 Jun;161(6):348-53 (Eng. Abstr.) **(Ger)**

[Consequences for military medicine of new nuclear weapons developments] Vogler H. **Z Gesamte Inn Med** 1985 Jan 15;40(2):33-7 (Eng. Abstr.) **(Ger)**

[Damage caused by ionizing radiation/acute radiation sickness] Werner G. **Z Gesamte Inn Med** 1985 Jan 15; 40(2):37-40 (Eng. Abstr.) **(Ger)**

[Acquired infundibular pulmonary stenosis. Possible late complication following radiotherapy of Hodgkin disease] Rummeny E, et al. **Z Kardiol** 1984 Oct;73(10):641-5 (Eng. Abstr.) **(Ger)**

[Post-radiation brain necrosis] Rubinstein AB, et al. **Harefuah** 1985 Apr 1;108(7):334-6 (Eng. Abstr.) **(Heb)**

[Delayed myelitis caused by radiation in patients treated for Hodgkin's disease] Basso-Ricci S, et al. **Minerva Med** 1984 Nov 17;75(44):2679-82 (Eng. Abstr.) **(Ita)**

[Radiodiagnosis of radiation-treated lung cancer] Guzzon A, et al. **Radiol Med (Torino)** 1984 May;70(5):283-93 (Eng. Abstr.) **(Ita)**

[Radiation pneumopathy. Our experience in the treatment of Hodgkin's disease with mantle-shaped field radiotherapy] Loasses A, et al. **Radiol Med (Torino)** 1984 Jul-Aug;70(7-8):520-7 (Eng. Abstr.) **(Ita)**

[Chronic cerebral injury following radiotherapy for maxillary cancer] Kanazawa H, et al. **Gan No Rinsho** 1984 Oct; 30(13):1611-9 (Eng. Abstr.) **(Jpn)**

[Late damages in the treatment of oral and pharyngeal cancer by radiation therapy] Inomata T, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Feb 20;19(1):44-9 (Eng. Abstr.) **(Jpn)**

[Two case reports of cerebrovascular disorder after radiation therapy] Ono J, et al. **No To Hattatsu** 1985 Jan;17(1):64-70 (Eng. Abstr.) **(Jpn)**

[Delayed radiation necrosis in the optochiasmatic region--report of two cases and review of the literature] Andoh T, et al. **No To Shinkei** 1984 Dec;36(12):1207-14 (Eng. Abstr.) **(Jpn)**

[Lumbosacral radiation myeloneuropathy. Report of a case and effects of prednisolone treatment] Matsumura K, et al. **Rinsho Shinkeigaku** 1984 Jul;24(7):686-92 (Eng. Abstr.) **(Jpn)**

[Radiation-induced rectovaginal fistula (fistula rectovaginalis postradiologica)--a clinical problem] Szawlowski A. **Nowotwory** 1984 Jul-Sep;34(3):213-21 (Eng. Abstr.) **(Pol)**

[Obstetrico-gynecologic complications of oncologic treatments] Lailla Vicens JM, et al. **Med Clin (Barc)** 1984 Oct 6;83(10):428-30 **(Spa)**

FAMILIAL & GENETIC

Genetics and atomic bombs in Hiroshima and Nagasaki. Hamilton HB. **Am J Med Genet** 1985 Mar;20(3):541-6

[DNA damage in the cells of human peripheral blood subjected to endogenous and exogenous factors] Fedorov NA, et al. **Gematol Transfuziol** 1985 Jun;30(6):50-5 (77 ref.) **(Rus)**

HISTORY

Hiroshima and ourselves. Lifton RJ. **JAMA** 1985 Aug 2; 254(5):631-2

IMMUNOLOGY

Impaired B lymphocyte reactivity in patients after radiotherapy. Sieber G, et al. **Int J Radiat Oncol Biol Phys** 1985 Apr;11(4):777-82

[Immunologic characteristics of cataracts in persons having occupational contacts with sources of ionizing radiation] Shubik VM, et al. **Gig Tr Prof Zabol** 1985 Feb;(2):48-50 **(Rus)**

METABOLISM

Clinical and nutritional implications of radiation enteritis. Beer WH, et al. **Am J Clin Nutr** 1985 Jan;41(1):85-91

[Quantification of thorium in thorotrast patients using a portable whole body counter] Takai M, et al. **Radioisotopes** 1984 Nov;33(11):784-7 **(Jpn)**

MORTALITY

Radiation, work experience, and cause specific mortality among workers at an energy research laboratory. Checkoway H, et al. **Br J Ind Med** 1985 Aug;42(8):525-33

Mortality of employees of the United Kingdom Atomic Energy Authority, 1946-1979. Beral V, et al. **Br Med J [Clin Res]** 1985 Aug 17;291(6493):440-7

Collection and validation of data in the United Kingdom Atomic Energy Authority mortality study. Fraser P, et al. **Br Med J [Clin Res]** 1985 Aug 17;291(6493):435-9

Detection of late effects of ionizing radiation: why deaths of A-bomb survivors are so misleading. Stewart A. **Int J Epidemiol** 1985 Mar;14(1):52-6

Lethality from acute and protracted radiation exposure in man. An account of a forum organized by the Medical Research Council's Committee on Effects of Ionising Radiation, 17 November 1983. Abstracts. **Int J Radiat Biol** 1984 Sep;46(3):209-17

OCCURRENCE

Sellafield, Seascale, and stem cells [letter] Cutler J. **Lancet** 1984 Nov 17;2(8412):1161

Radiation casualties in a nuclear war. Lindop P, et al. **Nature** 1985 Jan 31-Feb 6;313(6001):345-6

[Radiation tolerance of brain tissue of patients with Cushing's disease--effect of cortisol on radiation damage to brain tissue] Yang TE. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Feb; 18(1):5-9 (Eng. Abstr.) **(Chi)**

[Investigation of rectal and bladder complications after RALS therapy for carcinoma of the uterine cervix] Teshima T, et al. **Gan No Rinsho** 1984 Nov;30(14):1793-800 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Atypical fibroblasts as a clue to radiation injury. Jacoby RA, et al. **Am J Dermatopathol** 1985 Feb;7(1):53-6

Long-term bone marrow damage in experimental systems and in patients after radiation or chemotherapy. Testa NG, et al. **Anticancer Res** 1985 Jan-Feb;5(1):101-10 (70 ref.)

Clinical radiation pathology as applied to curative radiotherapy. Rubin P, et al. **Cancer** 1968 Oct;22(4):767-78

Vascular changes in radiation bowel disease. Hasleton PS, et al. **Histopathology** 1985 May;9(5):517-34

Granulocytopoietic precursor cells and regulatory factors in irradiated human bone marrow. Hörnsten P, et al. **Int J Radiat Oncol Biol Phys** 1985 Apr;11(4):783-9

Conservative treatment of delayed cerebral radiation necrosis. Shaw PJ, et al. **J Neurol Neurosurg Psychiatry** 1984 Dec;47(12):1338-41

Effects of melatonin and 6-methoxy-tetrahydro-beta-carboline in light induced retinal damage: a computerized morphometric method. Leino M, et al. **Life Sci** 1984 Nov 12;35(20):1997-2001

Computer-assisted morphometric analysis of late renal radiation injury. Jordan SW, et al. **Monogr Clin Cytol** 1984; 9:117-47

Long survival of primary cerebral lymphoma with progressive radiation necrosis. Merchut MP, et al. **Neurology** 1985 Apr;35(4):552-6

The cellular basis of long-term marrow injury after irradiation. Hendry JH. **Radiother Oncol** 1985 Jun; 3(4):331-8 (49 ref.)

[Radiation-induced necrosis of the laryngeal cartilages] Jurik AG. **Ugeskr Laeger** 1984 Sep 10;146(37):2787-8 (Eng. Abstr.) **(Dan)**

[Chiasmatic radionecrosis after multifractionated radiotherapy of a temporal glioma] Fauchon F, et al. **Rev Neurol (Paris)** 1985;141(4):315-7 (Eng. Abstr.) **(Fre)**

[Metal plate osteosynthesis and follow-up irradiation. An animal experiment study] Ebbers J, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Jan;64(1):32-6 (Eng. Abstr.) **(Ger)**

[Inherent problems in osteoradionecrosis of the jaws] Lolli R, et al. **Minerva Stomatol** 1985 Jan-Feb;34(1):99-102 (Eng. Abstr.) **(Ita)**

PHYSIOPATHOLOGY

Bronchoalveolar lavage in radiation pneumonitis. Cordier JF, et al. **Bull Eur Physiopathol Respir** 1984 Jul-Aug; 20(4):369-74

The role of luminal contents in radiation enteritis. Mulholland MW, et al. **Cancer** 1984 Dec 1;54(11):2396-402

Effects of different forms of central nervous system prophylaxis on neuropsychologic function in childhood leukemia. Rowland JH, et al. **J Clin Oncol** 1984 Dec; 2(12):1327-35

The H-reflex of the flexor carpi radialis muscle; a study in controls and radiation-induced brachial plexus lesions. Ongerboer de Visser BW, et al. **J Neurol Neurosurg Psychiatry** 1984 Oct;47(10):1098-101

Leydig cell damage after testicular irradiation for lymphoblastic leukaemia. Shalet SM, et al. **Med Pediatr Oncol** 1985;13(2):65-8

[Post-radiotherapy anterior horn cell syndrome] Lagueny A, et al. **Rev Neurol (Paris)** 1985;141(3):222-7 (Eng. Abstr.) **(Fre)**

[Indices of external respiration in patients with Hodgkin's disease long after irradiation of the mediastinum] Shishkin IP, et al. **Med Radiol (Mosk)** 1985 Jun;30(6):15-9 (Eng. Abstr.) **(Rus)**

[Changes in the lungs in radiation treatment of head and neck tumors] Silant'eva NK, et al. **Med Radiol (Mosk)** 1985 Jun; 30(6):19-21 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Nonionizing radiation aspects of optical fiber manufacturing. Huggins RG, et al. **Am Ind Hyg Assoc J** 1984 Dec; 45(12):796-801

Radiological health implications of lead-210 and polonium-210 accumulations in LPG refineries. Summerlin J Jr, et al. **Am Ind Hyg Assoc J** 1985 Apr;46(4):202-5

Protection of the public in the event of major radiation accidents: principles for planning. A report of Committee 4 of the International Commission on Radiological protection. **Ann ICRP** 1984;14(2):1-22

New surgical approach to minimize radiation-associated small bowel injury in patients with pelvic malignancies requiring surgery and high-dose irradiation. A preliminary report. Kavanah MT, et al. **Cancer** 1985 Sep 15; 56(6):1300-4

Distribution of KI [letter] Mackowiak ED. **Health Phys** 1985 Mar;48(3):350

Non-stochastic effects: compatibility with present ICRP recommendations. Field SB, et al. **Int J Radiat Biol** 1985 Jul;48(1):81-94

Prevention of osteoradionecrosis: a randomized prospective clinical trial of hyperbaric oxygen versus penicillin. Marx RE, et al. **J Am Dent Assoc** 1985 Jul;111(1):49-54

Reduction of fatal complications from combined modality therapy in Hodgkin's disease. Mauch PM, et al. **J Clin Oncol** 1985 Apr;3(4):501-5

Effect of sodium meclofenamate on radiation-induced esophagitis and cystitis. Ambrus JL, et al. **J Med** 1984; 15(2):81-92

The effect of calcitonin on experimental osteoradionecrosis in mice. Archibald D, et al. **J Oral Med** 1985 Jan-Mar; 40(1):7-12

Radiation exposure to patient and urologist during percutaneous nephrostolithotomy. Bush WH, et al. **J Urol** 1984 Dec;132(6):1148-52

Radiation exposure during fluoroscopically controlled percutaneous lithotripsy. Kelsey CA, et al. **J Urol** 1984 Dec;132(6):1254-5

Anti-inflammatory action of topical thiocarbamide drugs: possible use in protecting skin during radiotherapy [letter] Ferguson MM, et al. **Lancet** 1985 Aug 10;2(8450):325

British nuclear workforce assessed for risks [news] Clarke M. **Nature** 1985 Aug 22-28;316(6030):666

Effect of an ultraviolet-filtering intraocular lens on cystoid macular edema. Kraff MC, et al. **Ophthalmology** 1985 Mar; 92(3):366-9

Phototoxicity. The eclipse filter. McIntyre DJ. **Ophthalmology** 1985 Mar;92(3):364-5

Dental preservation in patients irradiated for head and neck tumours: A 10-year experience with topical fluoride and a randomized trial between two fluoridation methods. Horiot JC, et al. **Radiother Oncol** 1983 Aug;1(1):77-82

Prophylactic administration of indomethacin for irradiation esophagitis. Nicolopoulos N, et al. **Radiother Oncol** 1985 Jan;3(1):23-5

[Damage from light and sunglasses] Oosterhuis JA. **Ned Tijdschr Geneeskd** 1985 Jun 29;129(26):1220-2 **(Dut)**

[Effects of the use of nuclear medicine on the irradiation of the population and occupationally exposed persons] Mănescu S, et al. **Physiologie** 1985 Jan-Mar;22(1):55-61 **(Fre)**

[Prevention of cavities and of osteonecroses in patients irradiated in the oto-rhino-laryngologic area] Haefliger JM. **Rev Med Suisse Romande** 1985 Mar;105(3):247-53 **(Fre)**

[Fundus examination without radiation burden following implantation of intraocular lenses] Schwind HB. **Klin Monatsbl Augenheilkd** 1985 Apr;186(4):315 (Eng. Abstr.) **(Ger)**

[Current aspects in the evaluation of radiation risk: from the risk to organs to total injury risk (effective equivalent doses)] Fritz-Niggli H. **Schweiz Med Wochenschr** 1985 Jan 5;115(1):18-24 (Eng. Abstr.) **(Ger)**

[Possibilities for reducing radiation exposure during radiography of small animals] Hartung K, et al. **Tierarztl Prax** 1984;12(4):505-10 (Eng. Abstr.) **(Ger)**

[Safety aspects of laser radiation (editorial)] Belkin M. **Harefuah** 1984 Dec 2;107(11):354-6 **(Heb)**

[Objectives and methodologies of ICRP Publication 26 for the protection of the health of workers and the population. Problems with specifications] Frullani S. **Ann Ist Super Sanita** 1983;19(2-3):391-5 (Eng. Abstr.) **(Ita)**

[Radioprotective effect of local hypothermia] Hong SS, et al. **Gan No Rinsho** 1985 Jun;31(7):854-60 (Eng. Abstr.) **(Jpn)**

[Significance of the number of fractions and total time of treatment in the radiotherapy of neoplasms in the light of current opinions and our studies] Maciejewski B. **Nowotwory** 1985 Jan-Mar;35(1):30-41 (Eng. Abstr.) **(Pol)**

[Individual doses of radiation of personnel at a radioactive waste disposal center] Erkin VG, et al. **Gig Sanit** 1984 Jul;(7):86-7 **(Rus)**

[Hygienic evaluation of working conditions of radioactive logging] Sokolina LL, et al. **Gig Sanit** 1984 Jul;(7):87-8 **(Rus)**

[Modifying effect of UV radiation before and after Sr-89 incorporation in experimental animals] Stefanov B, et al. **Gig Sanit** 1985 Mar;(3):68-70 **(Rus)**

[Prevention of radiation damage to the bladder and rectum using local application of dimethyl sulfoxide] Zharinov GM, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):16-8 (Eng. Abstr.) **(Rus)**

[Various prognoses of possible medical consequences of using nuclear weapons] Il'in LA. **Ter Arkh** 1985;57(5):17-20 **(Rus)**

[Work safety in roentgenodiagnostic departments] Chikirdin EG, et al. **Vestn Rentgenol Radiol** 1984 Sep-Oct;(5):89-90 **(Rus)**

RADIOGRAPHY

Prospective evaluation of changes in computed cranial tomography in patients with small cell lung carcinoma treated with chemotherapy and prophylactic cranial irradiation. Craig JB, et al. **J Clin Oncol** 1984 Oct;2(10):1151-6

Sequential CT scanning in radiation myelopathy. Tugendhaft P, et al. **J Neurooncol** 1984;2(3):249-52

[Postradiation arteritis. Apropos of 9 cases] Pillet J, et al. **Ann Chir** 1984 Dec;38(9):645-50 (Eng. Abstr.) **(Fre)**

[Radiation-induced vasculopathy of the carotid artery and vertebral artery] Steiner H, et al. **Rontgenblatter** 1984 Sep;37(9):320-1 (Eng. Abstr.) **(Ger)**

[Bleeding postbulbar duodenal ulcer following radiotherapy of non-Hodgkin lymphoma] Lange H, et al. **Z Gesamte Inn Med** 1984 Jul 1;39(13):317-8 (Eng. Abstr.) **(Ger)**

[A case of chronic progressive radiation myelopathy with a CT myelogram simulating an intramedullary tumor] Kanemaru K, et al. **Rinsho Shinkeigaku** 1985 May;25(5):573-7 (Eng. Abstr.) **(Jpn)**

RADIONUCLIDE IMAGING

Scintigraphy in early detection of mandibular disorders. Kortekangas AE, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr;99(3-4):262-5

SURGERY

Obstructive jaundice due to radiation-induced hepatic duct stricture. Chandrasekhara KL, et al. **Am J Med** 1984 Oct;77(4):723-4

Radiation to the breast. Complications amenable to surgical treatment. Bostwick J, et al. **Ann Surg** 1984 Oct;200(4):543-53

Surgical aspects of intestinal injury due to pelvic radiotherapy. Hatcher PA, et al. **Ann Surg** 1985 Apr;201(4):470-5

Parks' coloanal pull-through anastomosis for severe, complicated radiation proctitis. Gazet JC. **Dis Colon Rectum** 1985 Feb;28(2):110-4

Surgical treatment of radiation induced atherosclerotic disease of the iliac and femoral arteries. Lawson JA. **J Cardiovasc Surg (Torino)** 1985 Mar-Apr;26(2):151-6

Single stage reconstruction of radiation injury of the chest wall by a latissimus dorsi musculocutaneous flap. Stryker A. **J Ky Med Assoc** 1984 Aug;82(8):374-80

Bilateral temporal lobectomy for late radionecrosis after radiotherapy for acromegaly. A case report. Fontana M, et al. **J Neurosurg Sci** 1984 Apr-Jun;28(2):107-12

Surgical management of irradiation-induced small bowel damage. Smith ST, et al. **Obstet Gynecol** 1985 Apr;65(4):563-7

[Surgical treatment of late intestinal injuries due to irradiation] Balslev I, et al. **Ugeskr Laeger** 1984 Jul 16;146(29):2146-50 (Eng. Abstr.) **(Dan)**

[Principles of the surgical treatment of intestinal radiation injuries. Apropos of 17 cases] Testart J, et al. **Ann Chir** 1985 Feb;39(1):23-31 (Eng. Abstr.) **(Fre)**

[Use of a musculocutaneous fascia lata flap in the treatment of radiotherapeutic lesions of the abdominal wall] Echinard C, et al. **Ann Chir Plast Esthet** 1985;30(1):42-5 (Eng. Abstr.) **(Fre)**

[Surgical treatment of severe radiation injuries of the small intestine and colon-rectum. Apropos of 85 patients surgically-treated at the Gustave-Roussy Institute] Lasser P, et al. **J Chir (Paris)** 1985 Jan;122(1):27-35 (Eng. Abstr.) **(Fre)**

[Current trends in the treatment of mandibular osteoradionecrosis. Use of a sternocleidomastoid osteomyocutaneous flap] Lagier JP, et al. **Rev Stomatol Chir Maxillofac** 1985;86(1):15-8 (Eng. Abstr.) **(Fre)**

[Long-term experiences in plastic surgery treatment of radiation damage] Schrader M, et al. **Handchir Mikrochir Plast Chir** 1985 May;17(3):151-5 (Eng. Abstr.) **(Ger)**

[Abdominal wall replacement plasty with a myocutaneous flap as an alternative in laparotomy following radiation damage] Leisinger HJ, et al. **Helv Chir Acta** 1984 Oct;51(3-4):495-6 (Eng. Abstr.) **(Ger)**

[The treatment of painful infraclavicular brachial plexus paralysis following axillary management and roentgen therapy] Uhlschmid G, et al. **Helv Chir Acta** 1985 Jan;51(6):763-8 (Eng. Abstr.) **(Ger)**

[Surgical therapy of late x-ray-induced skin lesions] Salfeld K, et al. **Z Hautkr** 1985 Mar 1;60(5):438-52 (Eng. Abstr.) **(Ger)**

[Postoperative complications of the radiation-exposed intestine] Stremmel W, et al. **Zentralbl Chir** 1984;104(10):651-6 (Eng. Abstr.) **(Ger)**

[Surgical reconstruction of mandibular defects] Gyenes V, et al. **Fogorv Sz** 1984 Dec;77(12):356-62 (Eng. Abstr.) **(Hun)**

[Value of creating an artificial anus using the right-side transverse colon (transversostomia dextra) in the treatment of post-radiation rectovaginal fistula] Szawłowski A, et al. **Nowotwory** 1984 Oct-Dec;34(4):349-54 (Eng. Abstr.) **(Pol)**

[Late radiation injuries of the skin of the head and their treatment] Bardychev MS, et al. **Med Radiol (Mosk)** 1985 Jun;30(6):7-11 (Eng. Abstr.) **(Rus)**

[Surgical treatment of a severe postradiation complication] Moroz GS, et al. **Med Radiol (Mosk)** 1985 Aug;30(8):85-6 **(Rus)**

[Radiation injuries of the intestines] Pelikán A, et al. **Rozhl Chir** 1985 Jun;64(6):466-9 (Eng. Abstr.) **(Slo)**

THERAPY

Management of irradiated and contaminated casualty victims. Milroy WC. **Emerg Med Clin North Am** 1984 Aug;2(3):667-86

Use of hyperbaric oxygen [letter] Schwartz HC. **J Oral Maxillofac Surg** 1984 Nov;42(11):697

Treatment of radiation-induced cystitis with hyperbaric oxygen. Weiss JP, et al. **J Urol** 1985 Aug;134(2):352-4

[Osteoradionecrosis of the mandible, apropos of 39 cases] Legros M, et al. **J Fr Otorhinolaryngol** 1984 Nov;33(9):453-6, 459 (Eng. Abstr.) **(Fre)**

[Modification of radiogenic changes in hematopoiesis—status and possibilities] Kehrberg G, et al. **Radiobiol Radiother (Berl)** 1985;26(1):95-102 (0 ref.) (Eng. Abstr.) **(Ger)**

[Treatment of radiation ulcer of the tongue with the use of resin protector] Niwa K, et al. **Rinsho Hoshasen** 1984 Dec;29(13):1529-31 (Eng. Abstr.) **(Jpn)**

VETERINARY

Radiation effects on livestock: physiological effects, dose response. Bell MC. **Vet Hum Toxicol** 1985 Jun;27(3):200-7 (29 ref.)

Radiation effects on livestock: pathological effects. Rust JH, et al. **Vet Hum Toxicol** 1985 Apr;27(2):132-6

RADIATION INJURIES, EXPERIMENTAL

The effect of dose rate and multiple fractions per day on radiation-induced lung damage in mice. Collis CH, et al. **Br J Radiol** 1984 Nov;57(683):1037-9

The RBE for renal damage after irradiation with 3 MeV neutrons. Stewart FA, et al. **Br J Radiol** 1984 Nov;57(683):1009-21

In vitro studies of microwave-induced cataract: reciprocity between exposure duration and dose rate for pulsed microwaves. Stewart-DeHaan PJ, et al. **Exp Eye Res** 1985 Jan;40(1):1-13

Time-temperature relationships for hyperthermal radiosensitisation in mouse intestine: influence of thermotolerance. Hume SP, et al. **Radiother Oncol** 1985 Feb;3(2):165-71

Large bowel stenosis in rats after fractionated local irradiation. Kiszel Z, et al. **Radiother Oncol** 1984 Oct;2(3):247-54

[Two variants of loss of sight (blindness) after local irradiation of the head in cats and dogs] Ushakov IB, et al. **Radiobiologiia** 1985 Mar-Apr;25(2):263-5 (Eng. Abstr.) **(Rus)**

BLOOD

Ability of lithium to accelerate the recovery of granulopoiesis after subacute radiation injury. Gallicchio VS, et al. **Acta Radiol [Oncol]** 1984;23(5):361-6

Diminished osmotic fragility of mouse erythrocytes following intravenous injection of polymeric plutonium. Joshima H, et al. **J Radiat Res (Tokyo)** 1984 Dec;25(4):290-5

[Phase contrast microscopic and scanning electron microscopic studies of the variability of the plasma protein film on rat erythrocytes following whole body irradiation at different doses] Linke A, et al. **Radiobiol Radiother (Berl)** 1985;26(1):123-32 (Eng. Abstr.) **(Ger)**

[Effect of lithium carbonate on the leukocyte count after exposure to ionizing radiation. 2. Influence of lithium carbonate on the leukocyte ratio in peripheral blood] Rose H, et al. **Radiobiol Radiother (Berl)** 1985;26(1):103-7 (Eng. Abstr.) **(Ger)**

[Effect of lithium carbonate on the leukocyte count after exposure to ionizing radiation. 3. Influence of lithium carbonate on the leukocyte count in peripheral blood following fractionated caudal half-body irradiation] Rose H, et al. **Radiobiol Radiother (Berl)** 1985;26(1):109-11 (Eng. Abstr.) **(Ger)**

[Use of multifactor analysis of various blood indices to determine the degree of body irradiation] Stavitskii RV, et al. **Med Radiol (Mosk)** 1984 Oct;29(10):41-4 **(Rus)**

[Changes in the concentration of serum fibronectin in irradiated animals] Budagov RS, et al. **Radiobiologiia** 1985 Mar-Apr;25(2):265-7 (Eng. Abstr.) **(Rus)**

[Chromatin breakdown in the white blood cells of rats during irradiation and in combined radiation injury under cystamine protection] Pechenina NA, et al. **Radiobiologiia** 1985 May-Jun;25(3):370-2 (Eng. Abstr.) **(Rus)**

[State of the erythron in rats at late periods following acute radiation injury] Perminova OA. **Radiobiologiia** 1985 Jul-Aug;25(4):539-44 (Eng. Abstr.) **(Rus)**

[Dynamics of changes in the number and proportion of different forms of rat peripheral blood reticulocytes during the initial days after whole body uniform irradiation by 60Co gamma quanta] Remizova IV. **Radiobiologiia** 1984 Nov-Dec;24(6):804-7 (Eng. Abstr.) **(Rus)**

[Effect of gamma- and gamma-neutron irradiation on the composition of the metabolic amino acid pool, blood antiprotease activity and the life-span of animals] Vershinina SF, et al. **Radiobiologiia** 1985 Mar-Apr;25(2):241-5 (Eng. Abstr.) **(Rus)**

[The effect of cystaphos on the occurrence of hemorrhagic diathesis in the acute radiation syndrome] Milošević Z, et al. **Vojnosanit Pregl** 1984 Sep-Oct;41(5):320-5 (Eng. Abstr.) **(Ser)**

COMPLICATIONS

[Effect of the acute combined action of radiation and various pesticides on peripheral blood in the rat] Ivanov VV. **Gig Sanit** 1984 Sep;(9):40-3 (Eng. Abstr.) **(Rus)**

[Lens opacity in mice exposed to helium ions with energy of 4 GeV/nuclon and gamma-irradiation with Co-60] Kabachenko AN, et al. **Kosm Biol Aviakosm Med** 1985 Jan-Feb;19(1):56-8 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

[Alpha 1-antitrypsin and alpha 2-macroglobulin activity in the blood plasma in radiation and thermal injury] Konnova LA, et al. **Patol Fiziol Eksp Ter** 1984 Sep-Oct;(5):17-20 (Eng. Abstr.) **(Rus)**

DIET THERAPY

The beneficial effect of dietary protein restriction on radiation nephropathy. Yatvin MB, et al. **Strahlentherapie** 1984 Dec;160(12):707-14

DRUG THERAPY

Glucan effect on the survival of mice after radiation exposure. Petruczenko A. **Acta Physiol Pol** 1984 May-Jun;35(3):231-6

Supplemental vitamin A prevents the acute radiation-induced defect in wound healing. Levenson SM, et al. **Ann Surg** 1984 Oct;200(4):494-512

Pharmacological testing in the laser-induced monkey glaucoma model. Lee PY, et al. **Curr Eye Res** 1985 Jul;4(7):775-81

Experimental therapy of protein deficit by inhibition of fibrinolysis in continuously irradiated rats. Chlebovská C, et al. **Radiobiol Radiother (Berl)** 1984;25(5):703-8

[Experimental observation on treating acute radiation sickness by replenishing vital energy and dispersing blood stasis] Wang HF. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):359–61 (Eng. Abstr.) **(Chi)**

[Effect of ubiquinone on phospholipid metabolism in radiation injury] Novoselova EG, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):440–2 (Eng. Abstr.) **(Rus)**

[Therapeutic effect of adrenaline and serotonin on the hematopoietic system of irradiated mice] Smirnova IB, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):43–6 **(Rus)**

[Effect of endotoxin on the migration of hematopoietic colony-forming cells and on the repopulation of hematopoietic organs in partially irradiated mice] Klestova OV, et al. **Radiobiologiia** 1984 Nov–Dec;24(6):807–11 (Eng. Abstr.) **(Rus)**

[Effect of branched-chain amino acids on the irradiated body] Lapteva TA, et al. **Radiobiologiia** 1985 May–Jun; 25(3):391–4 (Eng. Abstr.) **(Rus)**

[Effect of a tortoise spleen extract on the functional state of liver mitochondria in irradiated mice] Turdyev AA, et al. **Radiobiologiia** 1984 Nov–Dec;24(6):834–8 (Eng. Abstr.) **(Rus)**

[The action of potassium orotate in prophylactic and therapeutic administration to irradiated rats] Zhemkova LN, et al. **Radiobiologiia** 1985 Mar–Apr;25(2):208–11 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

[Inhibition of phospholipase activity in liver mitochondria of gamma-irradiated rats] Gogvadze VG, et al. **Radiobiologiia** 1985 Jul–Aug;25(4):551–3 (Eng. Abstr.) **(Rus)**

[Effect of glucagon and hydrocortisone on aldolase turnover in the rat liver after total x-irradiation] Komov VP, et al. **Radiobiologiia** 1985 Mar–Apr;25(2):221–4 (Eng. Abstr.) **(Rus)**

[Effect of insulin on the turnover of liver aldolase in irradiated rats] Komov VP, et al. **Radiobiologiia** 1984 Nov–Dec;24(6):814–6 (Eng. Abstr.) **(Rus)**

[Postradiation inhibition of poly ADP ribose polymerase is not determined by internucleosomal fragmentation of DNA] Nelipovich PA, et al. **Radiobiologiia** 1985 Jan–Feb; 25(1):7–11 (Eng. Abstr.) **(Rus)**

[Changes in fructosediphosphate aldolase and glucose-6-phosphate dehydrogenase activity after irradiation of animals with an absolute lethal dose of gamma rays] Savitskiĭ IV, et al. **Radiobiologiia** 1985 Mar–Apr; 25(2):245–9 (Eng. Abstr.) **(Rus)**

[Change in the ornithine carbamoyltransferase activity in rats following roentgen irradiation and administration of a vitamin-coenzyme complex] Savitskiĭ IV, et al. **Radiobiologiia** 1984 Nov–Dec;24(6):826–8 (Eng. Abstr.) **(Rus)**

[Effect of gamma-irradiation on the enzyme activity of cerebrospinal fluid lymphocytes in dogs] Ushakov IB, et al. **Radiobiologiia** 1985 Jan–Feb;25(1):47–52 (Eng. Abstr.) **(Rus)**

[Study of the kinetics of thermoinactivation of lysyl-tRNA-synthetase from the liver of x-irradiated rats] Verkhogliad IN, et al. **Radiobiologiia** 1985 Mar–Apr; 25(2):185–90 (Eng. Abstr.) **(Rus)**

[Isolation and properties of 2 forms of cyclic nucleotide phosphodiesterase from the rat brain under normal conditions and after irradiation] Parkhomets TI, et al. **Ukr Biokhim Zh** 1985 May–Jun;57(3):31–5 (Eng. Abstr.) **(Rus)**

[Effect of lethal and superlethal doses of gamma-irradiation on the lysosomal enzyme activity in radio-sensitive and radio-resistant tissues in the rat] Alekseev GI, et al. **Vopr Med Khim** 1984 Sep–Oct;30(5):95–8 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Age-related and 224Ra-induced abnormalities in the teeth of male mice. Humphreys ER, et al. **Arch Oral Biol** 1985; 30(1):55–64

Blue and ultraviolet light induced damage to the Drosophila retina: ultrastructure. Stark WS, et al. **Curr Eye Res** 1984 Dec;3(12):1441–54

Thermal enhancement of the radiation damage in the mouse foot at different heat and radiation dose: influence of thermotolerance. Wondergem J, et al. **Int J Radiat Biol** 1985 Sep;48(3):337–48

Lung damage following bone marrow transplantation: I. The contribution of irradiation. Cardozo BL, et al. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):907–14

Effects of irradiation on grafted skin––vascular changes after irradiation. Sumi Y, et al. **Nagoya J Med Sci** 1985 Jan; 47(1–2):17–22

The intestinal radiation syndrome: sepsis and endotoxin. Geraci JP, et al. **Radiat Res** 1985 Mar;101(3):442–50

The influence of overall treatment time on renal injury after multifraction irradiation. Williams MV, et al. **Radiother Oncol** 1985 Aug;4(1):87–96

[Actinic arterial lesions: effects of a dose of 2000 rads on the iliac artery of rabbits] Aun R, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jan–Feb;39(1):32–4 (Eng. Abstr.) **(Por)**

[Radiomodifying and damaging effect of local hyperthermia on mouse skin depending upon the temperature] Kurpeshev OK, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):21–5 (Eng. Abstr.) **(Rus)**

[Methods of experimental study of radiation injuries of tissues and organs] Kurpeshev OK, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):59–71 (146 ref.) **(Rus)**

[Skin reaction in combined exposure to ionizing radiation and heating in different sequences] Kurpeshev OK. **Med Radiol (Mosk)** 1984 Dec;29(12):78–80 **(Rus)**

[Experimental study of the effects of acute uneven microwave irradiation] Zuev VG, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):46–9 (Eng. Abstr.) **(Rus)**

[Long-term effects of chronic irradiation of rats at different dose rates] Boĭtsova VP, et al. **Radiobiologiia** 1984 Sep–Oct; 24(5):672–5 (Eng. Abstr.) **(Rus)**

[Radiosensitivity of animals irradiated in a modified gaseous medium. Modification of cerebral syndrome in mice by hypoxic hypoxia and hyperoxia during irradiation] Ushakov IB, et al. **Radiobiologiia** 1984 Sep–Oct;24(5):693–7 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

Genetic injury in hybrid male mice exposed to low doses of 60Co gamma-rays or fission neutrons. I. Response to single doses. Grahn D, et al. **Mutat Res** 1984 Nov; 129(2):215–29

IMMUNOLOGY

Thymic hormones in radiation-induced immunodeficiency. I. Induction of mature interleukin 1 responsive cell in the thymus by thymosin fraction 5. Neta R, et al. **Cell Immunol** 1985 Sep;94(2):480–90

[The effect of diucifon on the hematopoietic and immune systems in normal and irradiated organisms] Kostiuk LE, et al. **Radiobiologiia** 1984 Sep–Oct;24(5):687–90 (Eng. Abstr.) **(Rus)**

[Stimulating effect of aminoethylisothiuronium on the immune response and interferonogenesis in irradiated mice] Zheleznikova GF, et al. **Radiobiologiia** 1985 Jan–Feb; 25(1):95–9 (Eng. Abstr.) **(Rus)**

[Protective properties of plasma from burned and irradiated rats in relation to the in vivo lethal effects of endotoxins] Budagov RS, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):96–9 (Eng. Abstr.) **(Rus)**

METABOLISM

Cataracts and photochemical damage in the lens. Borkman RF. **Ciba Found Symp** 1984;106:88–109

The effects of abdominal irradiation on intestinal transport in the rat as assessed with isolated epithelial cells. Cheeseman CI, et al. **Radiat Res** 1985 Jan;101(1):131–43

Histological examination of the effect of differently fractionated irradiations in rat and mouse organs. III. Autoradiographic examination of DNA synthesizing cells in locally X-irradiated rat spleens. Unger E. **Strahlentherapie** 1984 Sep;160(9):562–4

[Experimental studies on the histochemical changes in the cornea subjected to indirect irradiation with radioactive cobalt] Hamerski W. **Klin Oczna** 1984 Nov;86(11):471–3 (Eng. Abstr.) **(Pol)**

[Biophysical aspects of the effect of physical and chemical factors on living organisms. Protective properties of antioxidants] Emanuél' NM. **Biofizika** 1984 Jul–Aug; 29(4):706–19 (43 ref.) (Eng. Abstr.) **(Rus)**

[Turnover of chromatin-bound and membrane lipids in the liver and thymus of gamma-irradiated rats] Kaznacheev IuS, et al. **Biokhimiia** 1984 Dec;49(12):2008–11 (Eng. Abstr.) **(Rus)**

[Structure of DNA from the rat thymus during prolonged exposure to tritium oxide and external gamma-irradiation] Rusinova GG, et al. **Med Radiol (Mosk)** 1985 Jul; 30(7):58–62 (Eng. Abstr.) **(Rus)**

[Change in the catecholamine balance of rat hypothalamus at late periods following local irradiation and its correction with etimizol] Bazaova NV, et al. **Radiobiologiia** 1985 Jan–Feb;25(1):88–92 (Eng. Abstr.) **(Rus)**

[Effect of x-irradiation on the generation of O2– in rat liver microsomes] Gorodovikova EN, et al. **Radiobiologiia** 1985 Mar–Apr;25(2):165–8 (Eng. Abstr.) **(Rus)**

[Effect of ADP on the course of radiation sickness and various metabolic processes in rats after local irradiation of the abdomen and parenteral feeding] Grozdov SP, et al. **Radiobiologiia** 1985 Mar–Apr;25(2):234–8 (Eng. Abstr.) **(Rus)**

[The role of lipid components of microsomal membranes of hepatocytes of the central Asian turtle in the actualization of radiation injuries] Ivanov VI, et al. **Radiobiologiia** 1985 Mar–Apr;25(2):191–5 (Eng. Abstr.) **(Rus)**

[Radiation changes in the lipid levels in liver and thymus chromatin of gamma-irradiated rats] Kaznacheev IuS, et al. **Radiobiologiia** 1985 Mar–Apr;25(2):174–8 (Eng. Abstr.) **(Rus)**

[Regeneration of nucleic acid metabolism in rat bone marrow and spleen at prolonged intervals after lengthy fractionated irradiation] Kisel'gof EI, et al. **Radiobiologiia** 1984 Nov–Dec;24(6):817–20 (Eng. Abstr.) **(Rus)**

[Lipid transport activity of liver cell cytosol at early periods following gamma-irradiation of rats] Kolomiĭtseva IK, et al. **Radiobiologiia** 1985 Jan–Feb;25(1):16–9 (Eng. Abstr.) **(Rus)**

[Internucleosomal fragmentation of nuclear DNA in the mucosa of the small intestine and in bone marrow cells of irradiated rats] Korol' BA, et al. **Radiobiologiia** 1984 Sep–Oct;24(5):646–9 (Eng. Abstr.) **(Rus)**

[Degradation of DNA and chromatin in cells of mouse lymphoid organs after irradiation and PHA administration] Kuvshinov NN, et al. **Radiobiologiia** 1985 Mar–Apr; 25(2):224–7 (Eng. Abstr.) **(Rus)**

[Effect of radiation on the formation of hydrocortisone metabolites in the perfused rat liver] Litskevich LA, et al. **Radiobiologiia** 1985 Mar–Apr;25(2):200–3 (Eng. Abstr.) **(Rus)**

[Nucleic acid metabolism in rat hematopoietic tissues during and after prolonged administration of different doses of tritium oxide] Mushkacheva GS, et al. **Radiobiologiia** 1984 Nov–Dec;24(6):764–9 (Eng. Abstr.) **(Rus)**

[Use of meradin for normalizing catecholamine metabolism in the rat hypothalamus at late periods following irradiation] Prokudina EA, et al. **Radiobiologiia** 1985 Jan–Feb;25(1):103–5 (Eng. Abstr.) **(Rus)**

[Formation of toxic peptides in irradiated rats and their relation to blood serum proteins] Salomatin VV, et al. **Radiobiologiia** 1985 Jul–Aug;25(4):495–9 (Eng. Abstr.) **(Rus)**

[Dynamics of energy requirements, detoxication and biosynthesis of hepatocyte macromolecules in acute radiation injury] Sharygin VL, et al. **Radiobiologiia** 1985 Jul–Aug;25(4):462–8 (Eng. Abstr.) **(Rus)**

[Nucleic acid metabolism in rat liver after single and prolonged exposure to tritium oxide] Shorokhova VB. **Radiobiologiia** 1984 Nov–Dec;24(6):831–4 (Eng. Abstr.) **(Rus)**

[DNA content of rat organs damaged by strontium-90 during the development of delayed effects] Soroka LP, et al. **Radiobiologiia** 1985 Jul–Aug;25(4):544–7 (Eng. Abstr.) **(Rus)**

[Effect of restricted feeding on metabolic changes in lipids following a single lethal irradiation of rats] Toropila M, et al. **Radiobiologiia** 1984 Nov–Dec;24(6):794–7 (Eng. Abstr.) **(Rus)**

[Metabolism of choline-containing phospholipids in microsome fractions of the rat brain in acute radiation injury] Grinchuk DV, et al. **Ukr Biokhim Zh** 1984 Nov–Dec;56(6):671–4 (Eng. Abstr.) **(Rus)**

[Lipogenesis and gluconeogenesis in the liver of irradiated rats] Sedlakova A, et al. **Ukr Biokhim Zh** 1984 Sep–Oct; 56(5):532–6 (Eng. Abstr.) **(Rus)**

[The cAMP system in the cerebral cortex of irradiated rats in increased exogenous K+ levels] Skopenko EV, et al. **Ukr Biokhim Zh** 1985 Jul–Aug;57(4):82–5 (Eng. Abstr.) **(Rus)**

MORTALITY

The effect of total body gamma-irradiation on mortality, egg production and egg weight of Japanese quails. Baumgartner J. **Int J Radiat Biol** 1985 May;47(5):591–7

Lethality in mice and rats exposed to 2450 MHz circularly polarized microwaves as a function of exposure duration and environmental factors. Berman E, et al. **J Appl Toxicol** 1985 Feb;5(1):23–31

Chronic inflammation impairs hematopoiesis and survival after irradiation. Degowin RL, et al. **J Lab Clin Med** 1985 Mar;105(3):299–304

Dose-survival time response of Suncus murinus from whole-body irradiation. Tsubouchi S, et al. **J Radiat Res (Tokyo)** 1984 Sep;25(3):234–45

Relative biological effectiveness measurements using murine lethality and survival of intestinal and hematopoietic stem cells after fermilab neutrons compared to JANUS reactor neutrons and 60Co gamma rays. Hanson WR, et al. **Radiat Res** 1984 Nov;100(2):290–7

Seventeen-year mortality experience of proton radiation in Macaca mulatta. Yochmowitz MG, et al. **Radiat Res** 1985 Apr;102(1):14–34

A comparison of the survival (LD50/30) of a number of inbred mouse strains after X and cobalt-60 gamma irradiation. Vácha J, et al. **Z Versuchstierkd** 1984; 26(4):157–62

[Effect of electromagnetic radiation in the fetal period on the survival of mouse offspring after experimental viral and bacterial infection or exposure to X-rays] Marcickiewicz J, et al. **Ginekol Pol** 1984 May;55(5):317–24 (Eng. Abstr.) **(Pol)**

[Analysis of the time of death of animals with malignant neoplasms and various non-neoplastic forms of the late sequelae of external and internal irradiation] Levdik TI, et al. **Gig Sanit** 1985 May;(5):34–7 (Eng. Abstr.) **(Rus)**

[The effect of cystamine on the survival of mice and endogenous colony-formation in combined radiation-thermal injuries] Budagov RS. **Radiobiologiia** 1984 Sep–Oct;24(5):657–9 (Eng. Abstr.) **(Rus)**

[Survival of irradiated animals and the preservation of CFUs after the administration of various radioprotectors] Malkina RM. **Radiobiologiia** 1984 Sep–Oct;24(5):651–4 (Eng. Abstr.) **(Rus)**

[Application of the Gompertz mortality law to the prognosis of lifespan shortening due to chronic internal irradiation] Panteleev LI, et al. **Radiobiologiia** 1984 Nov–Dec; 24(6):820–2 (Eng. Abstr.) **(Rus)**

[Relative biological effectiveness of gamma-neutron irradiation with neutron energy of 0.9 MeV] Zherbin EA, et al. **Radiobiologiia** 1985 Mar–Apr;25(2):271–3 (Eng. Abstr.) **(Rus)**

OCCURRENCE

[Assessment of the genetic risk of radiation by irradiation data from laboratory mammals] Benova DK, et al. **Genetika** 1985 Apr;21(4):574-81 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Quantitative changes in the goblet cells of the rat small intestine after irradiation. Becciolini A, et al. **Acta Radiol [Oncol]** 1985 May-Jun;24(3):291-9

Dynamics of irradiation injury to bone tissue. A vital microscopic investigation. Jacobsson M, et al. **Acta Radiol [Oncol]** 1985 Jul-Aug;24(4):343-50

Quantitative assessment of morphological changes in the capillaries of the rat myocardium following local irradiation of the head. Lichnovský V, et al. **Acta Univ Palacki Olomuc Fac Med** 1985;108:71-9

Long-term injury in B-lymphocyte precursor cells in repeatedly-irradiated mice. Hendry JH, et al. **Biomed Pharmacother** 1984;38(7):343-7

Correlation of the dose-response relationships for epidermal colony-forming units, skin reactions, and healing, in the X-irradiated mouse tail. Hendry JH. **Br J Radiol** 1984 Oct; 57(682):909-18

Tritium toxicity: age-dependent radiosensitivity of mouse testes. Bhatia AL. **Bull Environ Contam Toxicol** 1985 Jun; 34(6):803-8

Forebrain damage following prenatal exposure to low-dose X-irradiation. Norton S, et al. **Exp Neurol** 1985 Feb; 87(2):185-97

Effect of gamma-irradiation on the healing of gastric biopsy sites in monkeys. An experimental model for peptic ulcer disease and gastric protection. Dubois A, et al. **Gastroenterology** 1985 Jan;88(1 Pt 2):375-81

Late occurring lesions in the skin of rats after repeated doses of X-rays. Hopewell JW. **Int J Radiat Biol** 1985 Sep; 48(3):329-35

Effect of different pion stopping volumes on the radiation response of mouse small intestine. Rao KR, et al. **Int J Radiat Biol** 1985 Jul;48(1):61-9

Radiation survival of vascular smooth muscle cells as a function of age. Rosen EM, et al. **Int J Radiat Biol** 1985 Jul;48(1):71-9

Lack of evidence for increased tolerance of rat spinal cord with decreasing fraction doses below 2 Gy. Ang KK, et al. **Int J Radiat Oncol Biol Phys** 1985 Jan;11(1):105-10

Comparison of single, fractionated and hyperfractionated irradiation on the development of normal tissue damage in rat lung. Giri PG, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):527-34

Stem cell quality following irradiation: comparison of IUdR uptake in the spleen and number and size of splenic colonies in bone marrow transfused, fatally irradiated mice. Inoue T, et al. **J Radiat Res (Tokyo)** 1984 Dec;25(4):261-73

Delayed effects of ionizing radiation on the ear. Bohne BA, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):818-28

X-ray-induced translocations in marmoset (Callithrix jacchus) stem-cell spermatogonia. van Buul PP. **Mutat Res** 1984 Nov;129(2):231-4

The sensitivity of normal stroma to fractionated radiotherapy measured by a tumour growth rate assay. Begg AC, et al. **Radiother Oncol** 1984 Dec;2(4):333-41

The cellular basis of long-term marrow injury after irradiation. Hendry JH. **Radiother Oncol** 1985 Jun; 3(4):331-8 (49 ref.)

Repopulation in irradiated pig skin: late versus early effects. Redpath JL, et al. **Radiother Oncol** 1985 Feb;3(2):173-6

The effect of breathing 100% oxygen on lung response to radiation in mice. Travis EL, et al. **Radiother Oncol** 1985 Feb;3(2):177-9

[The methods and possibilities of studying experimental radiation injuries of the digestive tract] Meyer-Brodniewicz J. **Postepy Hig Med Dosw** 1985 Jan-Feb;39(1):105-15 (Eng. Abstr.) **(Pol)**

[Specificity of ultrastructural changes in the myocardium of rats after hypokinesia and irradiation] Romanov VS, et al. **Kosm Biol Aviakosm Med** 1985 Jan-Feb;19(1):53-5 (Eng. Abstr.) **(Rus)**

[Skin injury after exposure to high-energy protons and helium ions] Savchenko NIa. **Kosm Biol Aviakosm Med** 1985 Jan-Feb;19(1):59-62 (Eng. Abstr.) **(Rus)**

[Pathology of the rat mesenteric lymphatic bed in acute radiation sickness] Datsenko AV, et al. **Med Radiol (Mosk)** 1985 Feb;30(2):39-43 (Eng. Abstr.) **(Rus)**

[Electron microscopy study of microcirculation in the rat cerebral cortex after total neutron irradiation] Abdrakhmanov AA, et al. **Radiobiologiia** 1985 Mar-Apr; 25(2):216-20 (Eng. Abstr.) **(Rus)**

[Changes in labrocytes during acute radiation sickness (morphometric study)] Datsenko AV, et al. **Radiobiologiia** 1985 Jul-Aug;25(4):548-51 (Eng. Abstr.) **(Rus)**

[Impairment of recovery of the hematopoietic stem pool after long-term external irradiation] Muksinova KN. **Radiobiologiia** 1984 Sep-Oct;24(5):707-10 (Eng. Abstr.) **(Rus)**

[Injury of the rat hematopoietic stem pool during prolonged external irradiation] Muksinova KN. **Radiobiologiia** 1984 Sep-Oct;24(5):703-7 (Eng. Abstr.) **(Rus)**

[The role of the hypoxic mechanism in the radioprotective effect of mezaton] Orlovskiĭ AA, et al. **Radiobiologiia** 1985 Mar-Apr;25(2):230-4 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Effect of exposure to radiation on the inflammatory process and its influence by diclofenac. el-Ghazaly M, et al. **Br J Pharmacol** 1985 May;85(1):45-50

A study of rat intestinal wound healing in the presence of radiation injury. Ormiston MC. **Br J Surg** 1985 Jan; 72(1):56-8

Wound-induced alterations in survival of 60Co irradiated mice: importance of wound timing. Ledney GD, et al. **Experientia** 1985 May 15;41(5):614-6

Antihistamines block radiation-induced increased intestinal blood flow in canines. Cockerham LG, et al. **Fundam Appl Toxicol** 1985 Jun;5(3):597-604

Effect of ionizing radiation on gastric secretion and gastric motility in monkeys. Danquechin Dorval E, et al. **Gastroenterology** 1985 Aug;89(2):374-80

Lithium-stimulated recovery of granulopoiesis after sublethal irradiation is not mediated via increased levels of colony stimulating factor (CSF). Gallicchio VS, et al. **Int J Radiat Biol** 1985 May;47(5):581-90

Radiation-induced alterations of fracture healing biomechanics. Pelker RR, et al. **J Orthop Res** 1984; 2(1):90-6

The electrocorticograms of the aged mouse X-irradiated at juvenile or young adult. Minamisawa T, et al. **J Radiat Res (Tokyo)** 1984 Dec;25(4):314-8

Growth hormone secretion in the stunted head-irradiated rat. Mosier HD Jr, et al. **Pediatr Res** 1985 Jun;19(6):543-8

Monocytes and radiation-induced atheromatosis in rabbits. Aarnoudse MW, et al. **Virchows Arch [Cell Pathol]** 1984; 47(3):211-6

[Vascularization of regenerating bone in acute radiation sickness] Amosov IS, et al. **Radiobiol Radiother (Berl)** 1985; 26(1):113-22 (Eng. Abstr.) **(Ger)**

[Changes in the serum fibronectin level and reticuloendothelial system function in burns and thermal radiation lesions] Budagov RS, et al. **Patol Fiziol Eksp Ter** 1985 Mar-Apr;(2):27-9 (Eng. Abstr.) **(Rus)**

[Radiosensitivity of a thymocyte subpopulation capable of stimulating erythropoiesis in locally irradiated animals] Dygaĭ AM. **Radiobiologiia** 1984 Nov-Dec;24(6):811-3 (Eng. Abstr.) **(Rus)**

[Radiation injury of hemopoiesis in alpine conditions depending upon the duration of adaptation] Farber IuV, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):624-9 (Eng. Abstr.) **(Rus)**

[Effect of irradiation on proteins and phagocytic activity of rat blood leukocytes] Naumenko LA, et al. **Radiobiologiia** 1985 Jan-Feb;25(1):99-103 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Orgotein as a radioprotector in normal tissues. Experiments on mouse skin and a murine adenocarcinoma. Cividalli A, et al. **Acta Radiol [Oncol]** 1985 May-Jun;24(3):273-7

Effects of 16,16 dimethyl prostaglandin E2 on irradiation damage of the small intestine. Uribe A, et al. **Acta Radiol [Oncol]** 1984;23(5):349-52

Elemental diet as prophylaxis against radiation injury. Histological and ultrastructural studies. McArdle AH, et al. **Arch Surg** 1985 Sep;120(9):1026-32

Oxygen-dependent protection of radiation lung damage in mice by WR 2721. Down JD, et al. **Int J Radiat Biol** 1984 Nov;46(5):597-607

In vivo radioprotective activities of diethyldithiocarbamate (DDC). Milas L, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec;10(12):2335-43

The influence of X ray dose levels on normal tissue radioprotection by WR-2721. Rojas A, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec;10(12):2351-6

Polyethylene glycol as a protector against head and neck irradiation. Shaeffer J, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec;10(12):2329-33

Protection of mouse lung by WR-2721 after fractionated doses of irradiation. Travis EL, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):521-6

60Co radiation induced hazards and use of S-anisyl formamidino-4(N-methyl isothioamide) morpholine dihydrochloride as chemical radioprotector. Chaturvedi PK, et al. **J Nucl Med Allied Sci** 1984 Jan-Mar;28(1):1-8

Life span and tumor incidence in rats receiving postradiation treatment with ATP-AET-mexamine mixture. Benova DK, et al. **Radiat Res** 1985 Jan;101(1):207-11

Late functional and biochemical changes in mouse lung after irradiation: differential effects of WR-2721. Travis EL, et al. **Radiat Res** 1985 Aug;103(2):219-31

Radiation induced brain edema in primates, studied with sequential brain cat scanning and histopathology. Protective effect of sodium meclofenamate. A preliminary report. Halpern J, et al. **Res Commun Chem Pathol Pharmacol** 1984 Sep; 45(3):463-70

Principia of cancer therapy VIII. Role of D-penicillamine in the prevention of radiation pneumonitis and fibrosis: an experimental demonstration. Okuyama S, et al. **Sci Rep Res Inst Tohoku Univ [Med]** 1984 Oct;31(1-4):30-1

[Efficacy of the paramunity inducers PIND-AVI and PIND-ORF as radioprotective agents] Breiter N, et al. **Strahlentherapie** 1985 Mar;161(3):168-76 (Eng. Abstr.) **(Ger)**

[An experimental study on prevention of radiation-induced lung damage. The effect of oral administration of dextran sulphate] Ohno M. **Fukuoka Igaku Zasshi** 1984 Oct; 75(10):575-93 (Eng. Abstr.) **(Jpn)**

[Features of the intracellular repair of irradiated keratinocytes] Ponomareva TV, et al. **Arkh Anat Gistol Embriol** 1985 May;88(5):66-71 (Eng. Abstr.) **(Rus)**

[Radiation-protective effectiveness of ATP and adenosine against high-energy protons] Tikhomirova MV, et al. **Kosm Biol Aviakosm Med** 1984 Sep-Oct;18(5):75-7 (Eng. Abstr.) **(Rus)**

[Radiomodifying effect of acute hypoxia in neutron-irradiated dogs] Kalmykova GI, et al. **Radiobiologiia** 1985 Jan-Feb;25(1):74-7 (Eng. Abstr.) **(Rus)**

[Acute toxicity and radioprotective effectiveness of gammaphos on intramuscular administration to mice] Kuna P. **Radiobiologiia** 1985 Jan-Feb;25(1):59-62 (Eng. Abstr.) **(Rus)**

[Comparative radioprotective efficacy of native and irradiated in vitro immunoglobulins from horse serum] Shal'nova GA, et al. **Radiobiologiia** 1984 Sep-Oct; 24(5):682-7 (Eng. Abstr.) **(Rus)**

[Mechanism of action of dialkylaminoethylthiol derivatives of pyrimidine and quinazoline] Tregubenko IP, et al. **Radiobiologiia** 1984 Nov-Dec;24(6):838-42 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Dual energy CT scanning for analysis of brain damage due to X-irradiation. Russell LB, et al. **Ann Biomed Eng** 1984; 12(1):15-28

SURGERY

The survival of free nonvascularized bone grafts in irradiated areas by wrapping in muscle flaps. Lukash FN, et al. **Plast Reconstr Surg** 1984 Dec;74(6):783-8

THERAPY

Effects of electroacupuncture on leukocytes and plasma protein in the X-irradiated rats. Hau DM. **Am J Chin Med** 1984 Summer;12(1-4):106-14

Soluble polyglycans enhance recovery from cobalt-60—induced hemopoietic injury. Patchen ML, et al. **J Biol Response Mod** 1984 Dec;3(6):627-33

[Effect of parenteral feeding on the fractional composition of blood proteins in dogs undergoing local irradiation of the abdominal area] Fedorovskiĭ LL, et al. **Gematol Transfuziol** 1985 Jan;30(1):45-8 (Eng. Abstr.) **(Rus)**

[Therapeutic effect of vegetable oils and ubiquinone-9 on radiation injuries] Kolomiĭtseva IK, et al. **Radiobiologiia** 1985 Jan-Feb;25(1):53-8 (Eng. Abstr.) **(Rus)**

URINE

WR-2721 inhibition of radiation-induced prostaglandin excretion in rats. Donlon M, et al. **Int J Radiat Biol** 1985 Feb;47(2):205-12

Thromboxane and prostacyclin synthesis following whole body irradiation in rats. Schneidkraut MJ, et al. **J Appl Physiol** 1984 Sep;57(3):833-8

RADIATION, IONIZING

Health effects in residents of regions with high background radiation. Hanson GP. **Bull Pan Am Health Organ** 1984; 18(3):230-44

Pyrimidine dimer induction in E. coli DNA by Cerenkov emission associated with high energy X-irradiation. Morgan TL, et al. **Int J Radiat Biol** 1984 Oct;46(4):443-9

The rationale and a computer evaluation of a gamma irradiation sterilization dose determination method for medical devices using a substerilization incremental dose sterility test protocol. Davis KW, et al. **J Appl Bacteriol** 1984 Aug;57(1):31-50

Direct imaging of live human platelets by flash x-ray microscopy. Feder R, et al. **Science** 1985 Jan 4; 227(4682):63-4

[X-rays and the mass media] Fiumicelli A. **Clin Ter** 1984 Oct 15;111(1):79-80 **(Ita)**

[Atmospheric radiations. Effects of potassium-inhibitory and potassium-retentive hormones on two types of infective agent] Noferi V, et al. **Minerva Med** 1984 Nov 30; 75(45-46):2755-64 (Eng. Abstr.) **(Ita)**

[Measurement of a radioactive quantity in a human body--mensuration of a faintly distributed radioactive quantity over the whole body] Akiyama Y, et al. **Kaku Igaku** 1985 Feb;22(2):225-8 (Eng. Abstr.) **(Jpn)**

[Effect of chemical quenching on background counting rate in tritium channel of a large volume liquid scintillation counter] Inoue Y, et al. **Radioisotopes** 1984 Jul;33(7):431-6 (Eng. Abstr.) **(Jpn)**

[Studies on background radioactivity in the Niigata City area--identification of natural nuclides present in underground (well) water samples] Murakami N, et al. **Radioisotopes** 1984 Sep;33(9):632-5 (Eng. Abstr.) **(Jpn)**

[Prediction of X-ray phenomena of the M and X categories] Bernshtein PB. **Kosm Biol Aviakosm Med** 1985 Jan-Feb;

19(1):84-6 (Rus)

[Possible effect of natural radioactivity on the induction of glucokinase synthesis in the liver of developing rats] Slozhenikina LV, et al. **Radiobiologiia** 1985 Mar-Apr; 25(2):227-30 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

Epidemiological studies on disturbances of human fetal development in areas with various doses of natural background radiation. II. Relationship between incidences of hydatidiform mole, malignant hydatidiform mole, and chorionepithelioma and gonad dose equivalent rate of natural background radiation. Ujeno Y. **Arch Environ Health** 1985 May-Jun;40(3):181-4

Epidemiological studies on disturbances of human fetal development in areas with various doses of natural background radiation. I. Relationship between incidences of Down's syndrome or visible malformation and gonad dose equivalent rate of natural background radiation. Ujeno Y. **Arch Environ Health** 1985 May-Jun;40(3):177-80

[Background radiation and the incidence of cataract among inhabitants of the Far North] Nizhnikov AI, et al. **Gig Sanit** 1984 Jul;(7):30-2 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

[Treatment of cerebral arteriovenous malformation with stereotactic gammaencephalotomy] Jimbo M. **No To Shinkei** 1985 Feb;37(2):114-6 (Jpn)

RADIATION MONITORING

Characteristics of a selectively shielded p-Si detector in 60Co and 8 and 16 MV roentgen radiation. Rikner G. **Acta Radiol [Oncol]** 1985 Mar-Apr;24(2):205-8

Use of tree bark to monitor radionuclide pollution. Brownridge JD. **Bull Environ Contam Toxicol** 1985 Aug; 35(2):193-201

Projected whole-body career doses for radiation workers in Canada. Sont WN, et al. **Health Phys** 1984 Nov; 47(5):693-700

Occupational radiation exposures in Taiwan, 1962-1983. Weng PS, et al. **Health Phys** 1985 Sep;49(3):411-8

Scaling the physiological effects of exposure to radiofrequency electromagnetic radiation: consequences of body size. Gordon CJ, et al. **Int J Radiat Biol** 1984 Oct; 46(4):387-97

Nuclear medicine procedures in nuclear power plant employees [letter] Brill DR, et al. **J Nucl Med** 1985 Jul; 26(7):817-8

Dental enamel as an in,vivo radiation dosimeter. Pass B, et al. **Med Phys** 1985 May-Jun;12(3):305-7

Dose rates from patients having nuclear medicine investigations. Harding LK, et al. **Nucl Med Commun** 1985 Apr;6(4):191-4

The problem of individualized monitoring for tumour and normal tissue responses during radiation therapy. Ryabukhin YuS. **Strahlentherapie** 1984 Nov;160(11):678-80

[The use of thermoluminescent dosimetry systems in individual dosimetry and environmental monitoring] Burgkhardt B. **Strahlentherapie** 1985 Feb;161(2):84-5 (Eng. Abstr.) (Ger)

INSTRUMENTATION

Correction for the angular dependence of a detector in electron and photon beams. Brahme A. **Acta Radiol [Oncol]** 1985 May-Jun;24(3):301-4

Radiation damage induced dose rate non-linearity in an n-type silicon detector. Grusell E, et al. **Acta Radiol [Oncol]** 1984;23(6):465-9

Variance measurements with two semiconductor dose detectors. Rikner G, et al. **Acta Radiol [Oncol]** 1984; 23(6):471-5

Selective shielding of a p-Si detector for quality independence. Rikner G, et al. **Acta Radiol [Oncol]** 1985 Jan-Feb;24(1):65-9

Characteristics of a p-Si detector in high energy electron fields. Rikner G. **Acta Radiol [Oncol]** 1985 Jan-Feb; 24(1):71-4

Characteristics of a selectively shielded p-Si detector in 60Co and 8 and 16 MV roentgen radiation. Rikner G. **Acta Radiol [Oncol]** 1985 Mar-Apr;24(2):205-8

Field validation study of the MDA Instant Working Level Meter in a high gamma background mine environment. Engleman SD, et al. **Am Ind Hyg Assoc J** 1984 Oct; 45(10):708-13

A new type of 3H surface-contamination monitor. Aoyama T, et al. **Health Phys** 1985 Jun;48(6):773-9

Theory of passive measurement of radon daughters and working levels by the nuclear track technique. Fleischer RL. **Health Phys** 1984 Aug;47(2):263-70

Personnel neutron dosimetry using particle tracks in solids: a comparison. Fleischer RL, et al. **Health Phys** 1984 Oct; 47(4):525-31

Optimizing the performance of direct-reading dosimeters. Jackson TP. **Health Phys** 1985 Jul;49(1):49-54

Comments on 'Proposed criteria for issuing personnel dosimeters' [letter] Kelsey CA, et al. **Health Phys** 1984 Oct;47(4):649-50

Post-accident radiation monitors. Laughlin GJ, et al. **Health Phys** 1985 Jan;48(1):105-9

Environmental neutron measurements around nuclear facilities with moderated-type neutron detector. Nakamura T, et al. **Health Phys** 1984 Nov;47(5):729-43

Digital monitoring system for a radioisotope laboratory using a personal computer. Nishizawa K, et al. **Health Phys** 1985 Jul;49(1):88-91

A passive diffusion 222Rn sampler based on activated carbon adsorption. Prichard HM, et al. **Health Phys** 1985 Jun; 48(6):797-803

Measurement of gamma radiation exposure rates from natural UO2 fuel pellets. Thind KS. **Health Phys** 1985 Aug; 49(2):227-38

Feasibility study on a continuous environmental gamma-ray monitor using a NaI(Tl) scintillation spectrometer. Urabe I, et al. **Health Phys** 1984 Oct;47(4):559-68

The effect of external regeneration on the performance of CaSO4:Dy discs. Katona E, et al. **Int J Appl Radiat Isot** 1985 Feb;36(2):145-7

Optimum geometry of a large Marinelli-type vessel and its application to environmental aqueous samples. Suzuki T, et al. **Int J Appl Radiat Isot** 1984 Nov;35(11):1029-33

Computer-controlled temperature multiplexer for thermal dosimetry studies. Ryan TP, et al. **J Biomed Eng** 1984 Oct; 6(4):302-4

Continuous recording instrument for RF-exposure measurements in FM/TV broadcasting towers. Jokela K, et al. **J Microwave Power** 1984 Sep;19(3):159-72

A thermoregulated enclosure for controlling thermal drift in a radiation calorimeter. Kubo H, et al. **Med Phys** 1985 May-Jun;12(3):344-6

Daily check instrument for photon and electron beam quality assurance of medical linacs. Lutz WR, et al. **Med Phys** 1985 Jul-Aug;12(4):462-5

A rectal monitor for use with afterloading intracavitary radioactive implants. Davies ML, et al. **Radiology** 1985 Sep; 156(3):822

[Access control system for a radioisotope laboratory with a personal computer] Nishizawa K, et al. **Radioisotopes** 1984 Nov;33(11):768-75 (Eng. Abstr.) (Jpn)

[Separation of HT and HTO in the atmosphere with porous Vycor glass tube] Sakaguchi M, et al. **Radioisotopes** 1985 Apr;34(4):207-13 (Eng. Abstr.) (Jpn)

[Classification of systems for recording dosage fields] Denisenko ON. **Med Radiol (Mosk)** 1985 Aug;30(8):60-3 (Rus)

[Device for controlling the radiation parameters of therapeutic sources] Mil'shtein RS, et al. **Med Tekh** 1984 Jul-Aug;(4):54-6 (Eng. Abstr.) (Rus)

METHODS

Nuclear fuel-cycle radionuclides in raptor castings: implications for environmental monitoring. Cadwell LL, et al. **Health Phys** 1984 Nov;47(5):723-8

Rabbit thyroids for environmental monitoring [letter] Goldin AS. **Health Phys** 1984 Sep;47(3):493-6

Verification of the generalized Kusnetz method for measuring potential alpha energy from Rn daughters. Inkret WC, et al. **Health Phys** 1985 Mar;48(3):261-4

In-vitro monitoring of salivary 125I. Nishizawa K, et al. **Health Phys** 1985 Aug;49(2):290-5

Kinestatic charge detection. DiBianca FA, et al. **Med Phys** 1985 May-Jun;12(3):339-43

Calculation of patient dose and somatic dose index due to roentgen examinations. Servomaa A, et al. **Med Phys** 1985 Jan-Feb;12(1):1-4

Absolute neutron dosimetry: effects of ionization chamber wall thickness. Ten Haken RK, et al. **Med Phys** 1985 Jan-Feb;12(1):46-52

Tradescantia stamen hairs: a biological monitor of doses outside the neutron beam used in cancer therapy. Huczkowski J, et al. **Radiobiol Radiother (Berl)** 1985; 26(1):65-9

A computerized X-ray dose-monitoring system. Hummel RH, et al. **Radiology** 1985 Jul;156(1):231-4

[A simple calculation for the determination of organ or tissue doses from medical X-ray diagnosis for stomach and chest] Nishizawa K. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Oct 25;44(10):1279-93 (Eng. Abstr.) (Jpn)

[Leakage and handling of radioiodine on radioiodination] Tanaka Y, et al. **Seikagaku** 1984 Dec;56(12):1522-6 (Jpn)

STANDARDS

Principles of monitoring for the radiation protection of the population. **Ann ICRP** 1985;15(1):1-20

Radiological sampling and analytical methods for National Primary Drinking Water Regulations. Blanchard RL, et al. **Health Phys** 1985 May;48(5):587-600

Guidelines for issuing personnel dosimeters [letter] Chu RY. **Health Phys** 1985 Aug;49(2):317-8

Detection of a leak in a 'sealed' monitor chamber. Boese HR, et al. **Med Phys** 1985 May-Jun;12(3):377-8

RADIATION, NON-IONIZING

Scaling the physiological effects of exposure to radiofrequency electromagnetic radiation: consequences of body size. Gordon CJ, et al. **Int J Radiat Biol** 1984 Oct; 46(4):387-97

[Hygienic standardization of the biological action of non-ionizing radiation according to an immunologic criterion of hazardousness] Batanov GV, et al. **Gig Sanit** 1984 Jul;(7):52-6 (30 ref.) (Rus)

ADVERSE EFFECTS

Congenital anomalies and paternal occupational exposure to shortwave, microwave, infrared, and acoustic radiation. Logue JN, et al. **J Occup Med** 1985 Jun;27(6):451-2

Current problems of nonionizing radiation. Izmerov NF. **Scand J Work Environ Health** 1985 Jun;11(3 Spec No):223-7

[Proposal for evaluating the psychological effects of exposure to non-ionizing radiation in the work environment] Antoniazzi D, et al. **G Ital Med Lav** 1983 Jul;5(4):181-6 (Eng. Abstr.) (Ita)

[Protection of workers against non-ionizing electromagnetic radiation: examples of improvements in radiofrequency equipment in the plastic, wood and metallurgy industries] Orsini S, et al. **Med Lav** 1984 Nov-Dec;75(6):463-70 (Eng. Abstr.) (Ita)

RADIATION PROTECTION

Radiation exposure and protection in cardiac catheterization laboratories. Miller SW, et al. **Am J Cardiol** 1985 Jan 1; 55(1):171-6

Credentialing of diagnostic x-ray technologists: a question of public health impact. Audet MF, et al. **Am J Public Health** 1985 Mar;75(3):270-4

Statement from the 1984 Stockholm meeting of the International Commission on Radiological Protection. **Ann ICRP** 1984;14(2):i-iii

Protection of the patient in radiation therapy. A report of Committee 3 of the International Commission on Radiological Protection. **Ann ICRP** 1985;15(2):1-51

Protection of the public in the event of major radiation accidents: principles for planning. A report of Committee 4 of the International Commission on Radiological protection. **Ann ICRP** 1984;14(2):1-22

Ultraviolet radiation protection. Lerman S. **CLAO J** 1985 Jan-Mar;11(1):39-45 (67 ref.)

Shielding of the abdominal region during X-irradiation: effect on haemopoietic stem cells. Vávrová J, et al. **Folia Biol (Praha)** 1984;30(4):267-75

11th annual conference of the Indian Association for Radiation Protection--radiation protection in medicine. 13-16 February 1984, Jodhpur, India. Selected abstracts. **Health Phys** 1985 Jun;48(6):821-5

Radiation exposure rates near brachytherapy patients containing 137Cs sources. Glasgow GP, et al. **Health Phys** 1985 Jan;48(1):97-104

Transmission in concrete of primary and leakage x rays from a 24-MV medical linear accelerator. LaRiviere PD. **Health Phys** 1984 Dec;47(6):819-27

Preliminary calculations and radioprotection considerations on prompt and delayed radiation from the DD-operated Frascati Tokamak Upgrade Tokamak. Lucci F, et al. **Health Phys** 1984 Dec;47(6):867-78

Regulatory consideration in radiation protection. Mills WA. **Health Phys** 1985 May;48(5):701-4

Primary and leakage radiation calculations at 6, 10 and 25 MeV. Nelson WR, et al. **Health Phys** 1984 Dec;47(6):811-8

The estimation of dose equivalent from the activation of plastic scintillators. Stevenson GR. **Health Phys** 1984 Dec; 47(6):837-47

Radiation protection in a luminous dial factory using 147Pm as a joint effort between industry and an academic institution. Weng PS, et al. **Health Phys** 1984 Dec; 47(6):879-86

Radiation carcinogenesis in experimental animals and its implications for radiation protection. Broerse JJ, et al. **Int J Radiat Biol** 1985 Aug;48(2):167-87 (49 ref.)

Non-stochastic effects: compatibility with present ICRP recommendations. Field SB, et al. **Int J Radiat Biol** 1985 Jul;48(1):81-94

Radiation dose reduction in the neonatal intensive care unit. Comparison of three gadolinium oxysulfide screen-film combinations. Smathers RL, et al. **Invest Radiol** 1984 Nov-Dec;19(6):578-82

Statement from the 1984 Stockholm meeting of the International Commission on Radiological Protection. Sowby FD. **J Can Assoc Radiol** 1985 Mar;36(1):56-7

Exposure to fingers while handling a solvent extraction-type technetium-99m generator. Kini KS, et al. **J Nucl Med** 1985 Jun;26(6):650-4

Radiation exposure to patient and urologist during percutaneous nephrostolithotomy. Bush WH, et al. **J Urol** 1984 Dec;132(6):1148-52

Radiation exposure during fluoroscopically controlled percutaneous lithotripsy. Kelsey CA, et al. **J Urol** 1984 Dec;132(6):1254-5

Radiation data wanted [letter] Richmond CR. **Nature** 1985 Mar 21-27;314(6008):212

The effectiveness of the thyroid shield in dental radiology. Sikorski PA, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug;58(2):225-36

Modelling of cosmic-ray muon exposure in building's interior. Fujitaka K, et al. **Radioisotopes** 1984 Jun; 33(6):343-9

[Effects of the use of nuclear medicine on the irradiation of the population and occupationally exposed persons] Mănescu S, et al. **Physiologie** 1985 Jan-Mar;22(1):55-61 (Fre)

[Hypotheses on radiation protection]

Strahlenschutz Forsch Prax 1985;25:1-242 (Ger)

[Possibilities for reducing radiation exposure during radiography of small animals] Hartung K, et al. **Tierarztl Prax** 1984;12(4):505-10 (Eng. Abstr.) (Ger)

[Radiation protection in mammography] Rausch L. **Z Lymphol** 1985 Jun;9(1):25-9 (Eng. Abstr.) (Ger)

[Nuclear plants: hygienic aspects and protection of the population] Tagliaferri V, et al. **Nuovi Ann Ig Microbiol** 1983 Sep-Oct;34(5):387-419 (37 ref.) (Eng. Abstr.) (Ita)

[Current potentials of biological dosimetry in radiation protection] Martinenghi C, et al. **Radiol Med (Torino)** 1984 Jun;70(6):432-44 (Ita)

[Screens for the protection of the spinal cord in radiotherapy with counter-posed cape-shaped fields] Micheletti E, et al. **Radiol Med (Torino)** 1984 Jun;70(6):428-31 (Ita)

[Radiation-protective effectiveness of ATP and adenosine against high-energy protons] Tikhomirova MV, et al. **Kosm Biol Aviakosm Med** 1984 Sep-Oct;18(5):75-7 (Eng. Abstr.) (Rus)

[Radiation safety during work on the ANET-V therapeutic apparatus with 252Cf sources] Chekhonadskiĭ VN, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):48-52 (Eng. Abstr.) (Rus)

[The 1982-1983 Taylor Lectures in the USA] Gus'kova AK. **Med Radiol (Mosk)** 1985 Feb;30(2):56-8 (Rus)

[Polyradiomodification. Combined body protection in the total irradiation of mice during exogenous hypoxia] Iarmonenko SP, et al. **Med Radiol (Mosk)** 1985 Apr;30(4):50-2 (Eng. Abstr.) (Rus)

[Current views on the effects of ionizing radiation on mammals and the problem of standardization] Moskalev IuS. **Med Radiol (Mosk)** 1985 Jun;30(6):66-72 (35 ref.) (Rus)

[Concept of effective equivalent dose for medical irradiation] Nikitin VV. **Med Radiol (Mosk)** 1985 Mar;30(3):3-9 (Eng. Abstr.) (Rus)

[Irradiation of cancer patients through the grid diaphragm] Riabukhin IuS. **Med Radiol (Mosk)** 1984 Nov;29(11):77-80 (Eng. Abstr.) (Rus)

[Radiation protection and new radiodiagnostic methods] Zedgenidze GA, et al. **Med Radiol (Mosk)** 1985 Apr;30(4):60-6 (0 ref.) (Rus)

ECONOMICS

A realistic approach to cost-benefit analysis in radiation protection [letter] Weatherburn H. **Br J Radiol** 1984 Sep;57(682):847-8

Spending on radiation protection [letter] Russell JG, et al. **Lancet** 1985 Feb 16;1(8425):391

INSTRUMENTATION

Peripheral dose to the testes: the design and clinical use of a practical and effective gonadal shield. Fraass BA, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):609-15

Use of intraoral prostheses in external beam radiation of oral and perioral cancer. Epstein JB, et al. **J Prosthet Dent** 1985 Jul;54(1):100-7

Effects of plastic protective caps on the calibration of therapy beams in water. Hanson WF, et al. **Med Phys** 1985 Mar-Apr;12(2):243-8

A flexible shield to protect personnel during interventional procedures. Miller DL, et al. **Radiology** 1985 Jun;155(3):825

Screens in ovoids of a Selectron cervix applicator. Meertens H, et al. **Radiother Oncol** 1985 Jan;3(1):69-80

[A protective instrument table for radiodiagnosis] Solovjev M. **Cesk Radiol** 1985 Jan;39(1):44-5 (Cze)

[Prevention of radiolesions of the small intestine by intrapelvic silicone breast prosthesis] Elias D, et al. **Presse Med** 1985 Jun 1;14(22):1241-2 (Eng. Abstr.) (Fre)

[Anatomically shaped, unsharp, lead-containing acrylic glass filter for optimization of thoracic roentgenography] Tuengerthal S, et al. **Roentgenblatter** 1985 Apr;38(4):126-33 (Eng. Abstr.) (Ger)

[Usefulness of a radiolucent spacer in radiation therapy for cancer of the tongue] Niwa K, et al. **Gan No Rinsho** 1984 Dec;30(15):1861-5 (Eng. Abstr.) (Jpn)

[Treatment of radiation ulcer of the tongue with the use of resin protector] Niwa K, et al. **Rinsho Hoshasen** 1984 Dec;29(13):1529-31 (Eng. Abstr.) (Jpn)

[Shielding the head of children in x-ray studies] Tolmach EU. **Vestn Rentgenol Radiol** 1985 May-Jun;(3):83-4 (Rus)

METHODS

Segmented-field radiography in scoliosis. Daniel WW, et al. **AJR** 1985 Feb;144(2):325-9

Film salvage for reducing radiation exposure [letter] Sartoris DJ. **AJR** 1985 Sep;145(3):650-1

A compilation of the major concepts and quantities in use by ICRP. A report of Committee 4 of the International Commission on Radiological Protection. **Ann ICRP** 1984;14(4):1-18

Health physics aspects of a research reactor fuel shipment. Dodd B. **Health Phys** 1985 Jan;48(1):114-6

Eye sparing in high energy X ray beams. Galbraith DM, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):591-5

A basis for blocking the spinal cord in opposed field irradiation. Jones D, et al. ***Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):627-30*

Radiation protection aspects of a new high-energy linear accelerator. O'Brien P, et al. **Med Phys** 1985 Jan-Feb;12(1):101-7

A method to reduce radiation injury to intestine--a preliminary report. Dische S, et al. **Radiother Oncol** 1984 Jan;1(3):277-9

Clinical applications of thermoluminescent dosimetry. Lindskoug BA. **Strahlentherapie** 1985 Feb;161(2):91-5

Construction of an omental envelope as a method of excluding the small intestine from the field of postoperative irradiation to the pelvis. DeLuca FR, et al. **Surg Gynecol Obstet** 1985 Apr;160(4):365-6

Testicle transposition in children who undergo low-pelvic or scrotal irradiation. Cheng BS, et al. **Urology** 1984 Nov;24(5):476-8

[Gonadal protection in computerized tomography?] Rockstroh G, et al. **Radiol Diagn (Berl)** 1984;25(3):319-24 (Eng. Abstr.) (Ger)

[The use of thermoluminescent dosimetry systems in individual dosimetry and environmental monitoring] Burgkhardt B. **Strahlentherapie** 1985 Feb;161(2):84-5 (Eng. Abstr.) (Ger)

[Review of other solid-body dosimetry methods in comparison with thermoluminescent dosimetry] Pitt E. **Strahlentherapie** 1985 Feb;161(2):86-7 (Eng. Abstr.) (Ger)

[Objectives and methodologies of ICRP Publication 26 for the protection of the health of workers and the population. Problems with specifications] Frullani S. **Ann Ist Super Sanita** 1983;19(2-3):391-5 (Eng. Abstr.) (Ita)

[Protection of workers against non-ionizing electromagnetic radiation: examples of improvements in radiofrequency equipment in the plastic, wood and metallurgy industries] Orsini S, et al. **Med Lav** 1984 Nov-Dec;75(6):463-70 (Eng. Abstr.) (Ita)

[Radioprotective effect of local hypothermia] Hong SS, et al. **Gan No Rinsho** 1985 Jun;31(7):854-60 (Eng. Abstr.) (Jpn)

[A lead block for oculo-pharyngeal shielding in whole cranial irradiation] Ikeda H. **Rinsho Hoshasen** 1984 Jul;29(7):829-31 (Eng. Abstr.) (Jpn)

[Methodological approaches to the determination of the size of health protective areas in the vicinity of television centers and television retransmitters] Dumanskiĭ IuD, et al. **Gig Sanit** 1984 Aug;(8):62-5 (Rus)

[Principles of improving and controlling physico-technical conditions of roentgenodiagnostic examinations] Gurvich AM. **Vestn Rentgenol Radiol** 1984 Sep-Oct;(5):75-80 (Eng. Abstr.) (Rus)

[Safe method of decantation of a radium salt solution or other highly toxic liquid from a damaged diffuser into a new one] Abramov VI, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep-Oct;(5):68-9 (Rus)

STANDARDS

1984 conference on CT dosimetry [editorial] Moseley RD Jr, et al. **AJR** 1985 May;144(5):1087-8

Lauriston S. Taylor Lecture. Limitation and assessment in radiation protection. Rossi HH. **AJR** 1985 Jan;144(1):1-8 (31 ref.)

Principles of monitoring for the radiation protection of the population. **Ann ICRP** 1985;15(1):1-20

Proposed recommended practices. Radiation safety in the operating room (including lasers). **AORN J** 1984 Dec;40(6):881-6

Guidelines on limits of exposure to ultraviolet radiation of wavelengths between 180 nm and 400 nm (incoherent optical radiation). The International Non-Ionizing Radiation Committee of the International Radiation Protection Association. **Health Phys** 1985 Aug;49(2):331-40

Guidelines on limits of exposure to laser radiation of wavelengths between 180 nm and 1 mm. International Non-Ionizing Radiation Committee of the International Radiation Protection Association. **Health Phys** 1985 Aug;49(2):341-59

Regulatory implications of radiation dose-effect relationships. Peterson HT Jr. **Health Phys** 1984 Sep;47(3):345-59

Committed vs annual dose limits for internal radiation protection and control [letter] Skrable KW, et al. **Health Phys** 1985 Jan;48(1):123

Cesium: another radiation hazard? [letter] Vera R. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):1060

On the microdosimetric definition of quality factors. Zaider M, et al. **Radiat Res** 1985 Sep;103(3):302-16

The non-stochastic dose limit for members of the public. Advice from the National Radiological Protection Board. **Radiography** 1985 Jan-Feb;51(595):25-6

Statement from the 1985 Paris meeting of the International Commission on Radiological Protection. Special report. **Radiology** 1985 Sep;156(3):816

[Consequences of the new international radiation protection recommendations for national radiation protection regulations in medicine] Kraus W. **Radiol Diagn (Berl)** 1984;25(4):461-74 (Eng. Abstr.) (Ger)

[Indications for medical radiation procedures and the possibility of limiting values for radiation exposure of patients] Stopp G. **Radiol Diagn (Berl)** 1984;25(4):451-60 (30 ref.) (Eng. Abstr.) (Ger)

[Evaluation of maximum permissible intensity of electromagnetic fields] Mikolajczyk H. **Med Pr** 1984;35(6):427-34 (14 ref.) (Eng. Abstr.) (Pol)

[Development of the concept of control levels applicable to radiation control systems] Deviatalkin EV, et al. **Gig Sanit** 1984 Sep;(9):92-3 (Rus)

[Further comment on the publication No. 26 of the International Committee on Radiation Protection] Keirim-Markus IB, et al. **Gig Sanit** 1985 Jun;(6):63-4 (Rus)

[Work safety in roentgenodiagnostic departments] Chikirdin EG, et al. **Vestn Rentgenol Radiol** 1984 Sep-Oct;(5):89-90 (Rus)

[X-ray intensifying screens: their effect on the quality of the image and the degree of irradiation] Tombak MI, et al. **Vestn Rentgenol Radiol** 1984 Sep-Oct;(5):80-4 (Eng. Abstr.) (Rus)

RADIATION-PROTECTIVE AGENTS

Protective effect of selenium against ionizing radiation-induced malformations in mice. Cekan E, et al. **Acta Radiol [Oncol]** 1985 May-Jun;24(3):267-71

Possible role for metallothionein in protection against radiation-induced oxidative stress. Kinetics and mechanism of its reaction with superoxide and hydroxyl radicals. Thornalley PJ, et al. **Biochim Biophys Acta** 1985 Jan 21;827(1):36-44

Photoprotective role of epidermal melanin granules against ultraviolet damage and DNA repair in guinea pig skin. Ishikawa T, et al. **Cancer Res** 1984 Nov;44(11):5195-9

Modification of the radiation sensitivity of human tumour cells by a bis-benzimidazole derivative. Smith PJ, et al. **Int J Radiat Biol** 1984 Oct;46(4):331-44

Radiation-induced strand breakage in poly(riboadenylic acid). A pulse radiolysis study on the protective action of cysteamine under anoxic conditions. Washino K, et al. **Int J Radiat Biol** 1984 Dec;46(6):747-58

Radioprotection of EMT6 tumor by a new class of radioprotectors based on a pseudo-peptide cysteamine combination. Lespinasse F, et al. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):1035-8

Pulse radiolysis studies of WR-1065. Ward JF, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1533-6

Restoring capacity of immunomodifiers for radiation-induced inhibition of colony-forming T cells. Pioch Y, et al. **J Biol Response Mod** 1985 Feb;4(1):70-82

Antiradiation compounds XIX: metal-binding abilities of thioureas. Foye WO, et al. **J Pharm Sci** 1984 Sep;73(9):1284-6

Carotenoid pigments and protection against photosensitization: how studies in bacteria suggested a treatment for a human disease. Mathews-Roth MM. **Perspect Biol Med** 1984 Autumn;28(1):127-39

Studies on the photoprotective mechanism of butylated hydroxytoluene. Black HS, et al. **Photochem Photobiol** 1984 Jul;40(1):69-75

The effects of exogenous catalase on broad-spectrum near-UV (300-400 nm) treated Escherichia coli cells. Sammartano LJ, et al. **Photochem Photobiol** 1984 Nov;40(5):607-12

Factors influencing the oxidation of cysteamine and other thiols: implications for hyperthermic sensitization and radiation protection. Biaglow JE, et al. **Radiat Res** 1984 Nov;100(2):298-312

Radioprotective effect of 2-mercaptopropionylglycine (MPG) on the alkaline phosphatase activity in the liver of Swiss albino mice against gamma irradiation. Khan AS, et al. **Radiobiol Radiother (Berl)** 1984;25(4):579-83

Radiation induced peripheral blood changes in mice and its modification by MPG. Kumar S, et al. **Radiobiol Radiother (Berl)** 1984;25(4):591-6

Effect of 2-mercaptopropionylglycine (MPG) on the radiation induced chromosome aberrations in the bone marrow of mice. Uma Devi P, et al. **Radiobiol Radiother (Berl)** 1984;25(4):585-90

Radiation induced brain edema in primates, studied with sequential brain cat scanning and histopathology. Protective effect of sodium meclofenamate. A preliminary report. Halpern J, et al. **Res Commun Chem Pathol Pharmacol** 1984 Sep;45(3):463-70

Effects of AET, MEA, or 5-HT treatment before X-irradiation of pregnant C57BL mice. Mazur L. **Strahlentherapie** 1985 Jul;161(7):433-6

[An experimental study on prevention of radiation-induced lung damage. The effect of oral administration of dextran sulphate] Ohno M. **Fukuoka Igaku Zasshi** 1984 Oct;75(10):575-93 (Eng. Abstr.) (Jpn)

[Clinical radio-protective anti-inflammatory effects by superoxide dismutase (orgotein)] Kaneda T, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 May 20;19(4):811-9 (Eng. Abstr.) (Jpn)

[Studies on chemical protectors against radiation. XXIII. Radioprotective activities of ferulic acid and its related compounds] Ohta S, et al. **Yakugaku Zasshi** 1984 Jul;104(7):793-7 (Eng. Abstr.) (Jpn)

[Radioprotective action of catecholamines on a Chinese hamster fibroblast culture] Chirkov IuIu, et al. **Biol Nauki** 1985;(5):38-41 (Eng. Abstr.) (Rus)

[Desensitization of beta-adrenoreceptors and its influence on manifestations of the antiradiation effect of isoproterenol] Chirkov IuIu, et al. **Biull Eksp Biol Med** 1984 Nov;

98(11):558-60 (Eng. Abstr.) (Rus)

[Radioprotective properties of the polysaccharide dextran sulfate] Zhukova NA, et al. **Farmakol Toksikol** 1984 Nov-Dec;47(6):90-3 (Eng. Abstr.) (Rus)

[Selective effect of isoproterenol on radiosensitivity of cells associated with differences in beta-adrenoreceptor expression] Chirkov IuIu, et al. **Med Radiol (Mosk)** 1985 Jul;30(7):55-8 (Eng. Abstr.) (Rus)

[Cyclic nucleotide levels in the regenerating liver of rats following irradiation and protection by serotonin] Aslamova LI, et al. **Radiobiologiia** 1985 May-Jun; 25(3):324-7 (Eng. Abstr.) (Rus)

[The role of endogenous glutathione in the actualization of the radiomodifying effect during the post-radiation period] Konstantinova MM, et al. **Radiobiologiia** 1985 Mar-Apr; 25(2):204-7 (Eng. Abstr.) (Rus)

[The role of the hypoxic mechanism in the radioprotective effect of mezaton] Orlovskiĭ AA, et al. **Radiobiologiia** 1985 Mar-Apr;25(2):230-4 (Eng. Abstr.) (Rus)

[Comparative radioprotective efficacy of native and irradiated in vitro immunoglobulins from horse serum] Shal'nova GA, et al. **Radiobiologiia** 1984 Sep-Oct; 24(5):682-7 (Eng. Abstr.) (Rus)

[Radioprotective effects of benzene extracts from human blood cells in long-term irradiation of rats] Cabadaj S, et al. **Cas Lek Cesk** 1985 Apr 5;124(14):434-7 (Eng. Abstr.) (Slo)

ADMINISTRATION & DOSAGE

131I uptake in human thyroid after antidote treatment for mixed fission products contamination. Simonović I, et al. **Int J Radiat Biol** 1984 Oct;46(4):459-62

Histopathological study of local changes after intramuscular administration of cysteamine or its combination with mexamine in rats. Rešl M, et al. **Radiobiol Radiother (Berl)** 1984;25(4):571-8

[Combined use of radiosensitizing and protective agents in experimental radiotherapy] Magdon E, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):29-32 (Eng. Abstr.) (Rus)

[Radioprotective action of GHM-10 when administered with dextran sulfate and heparin] Zhukova NA, et al. **Radiobiologiia** 1985 May-Jun;25(3):414-6 (Eng. Abstr.) (Rus)

ANALYSIS

Analysis of S-35 labeled WR-2721 and its metabolites in biological fluids. Anderson KW, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1511-5

BLOOD

Measurement of WR-2721, WR-1065, and WR-33278 in plasma. Fahey RC, et al. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1193-7

HPLC assay for 2-(3-aminopropylamino)ethanethiol (WR-1065) in plasma. McGovern EP, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1517-20

An improved HPLC assay for S-2-(3-aminopropylamino)ethyl phosphorothioate (WR-2721) in plasma. Swynnerton NF, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1521-4

CHEMICAL SYNTHESIS

Bis(3,5-diisopropylsalicylato)copper(II), a potent radioprotectant with superoxide dismutase mimetic activity. Sorenson JR. **J Med Chem** 1984 Dec;27(12):1747-9

[Studies on synthesis and chemical structure-radioprotective activity correlation of thiazolidines] Hu B, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1985 Feb; 7(1):6-14 (Eng. Abstr.) (Chi)

METABOLISM

Dephosphorylation of WR-2721 with mouse tissue homogenates. Mori T, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1529-31

Pharmacokinetics of WR-1065 in mouse tissue following treatment with WR-2721. Utley JF, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1525-8

Variation in normal tissue responsiveness to WR-2721. Yuhas JM, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep; 10(9):1537-9

Biodistribution of the radioprotective drug 35S-labeled 3-amino-2-hydroxypropyl phosphorothioate (WR77913). Rasey JS, et al. **Radiat Res** 1985 Apr;102(1):130-7

PHARMACODYNAMICS

Cystine depletion by WR-1065 in cystinotic cells. Mechanism of action. Butler JD, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2179-85

The radioprotector WR1065 reduces radiation-induced mutations at the hypoxanthine-guanine phosphoribosyl transferase locus in V79 cells. Grdina DJ, et al. **Carcinogenesis** 1985 Jun;6(6):929-31

Protective effects of AET, MEA, and 5-HT in X-irradiated pregnant porton mice. Mazur L. **Folia Biol (Krakow)** 1984; 32(1-2):81-7

Radioprotective effect of 2-mercaptopropionylglycine on radiation-induced microsomal lipid peroxidation. Ayene SI, et al. **Int J Radiat Biol** 1985 Aug;48(2):197-205

Alkaline phosphatase promotes radioprotection and accumulation of WR-1065 in V79-171 cells incubated in medium containing WR-2721. Calabro-Jones PM, et al. **Int J Radiat Biol** 1985 Jan;47(1):23-7

WR-2721 inhibition of radiation-induced prostaglandin excretion in rats. Donlon M, et al. **Int J Radiat Biol** 1985 Feb;47(2):205-12

Electrophoretic mobility of erythrocytes exposed to accelerated helium nuclei or to gamma-rays, as modified by adeturone. Vranska TG, et al. **Int J Radiat Biol** 1985 Mar;47(3):285-90

Radioprotective activities of diethyldithiocarbamate [letter] Allalunis-Turner MJ, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1743

Evaluation of diethyldithiocarbamate as a radioprotector of bone marrow. Allalunis-Turner MJ, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1569-73

Modification by dexamethasone of radiation response of in vitro cultured cells. Brock WA, et al. **Int J Radiat Oncol Biol Phys** 1984 Nov;10(11):2113-7

Differential radioprotection of normal tissues by hydrophilic chemical protectors. Brown DQ, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1581-4

Alterations in oxygen transport following WR-2721. Glover D, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep; 10(9):1565-8

Protection of spermatogonial survival and testicular function by WR-2721 against high and low doses of radiation. Meistrich ML, et al. **Int J Radiat Oncol Biol Phys** 1984 Nov;10(11):2099-107

Radioprotection by WR-2721 of gamma-irradiated rat parotid gland: effect on gland weight and secretion at 8-10 days post irradiation. Menard TW, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1555-9

Radioprotection of mouse skin vasculature and the RIF-1 fibrosarcoma by WR-2721. Penhaligon M. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1541-4

The oxygen dependence of protection by aminothiols: implications for normal tissues and solid tumors. Travis EL. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1495-501 (50 ref.)

Dose and interval relationship for the interaction of WR-2721 and nitrogen mustard with normal and malignant cells. Valeriote F, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep; 10(9):1561-4

Tumor sensitization and protection: influence of stromal injury on estimates of dose modification. Williams MV, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1545-9

On the effects and mechanism(s) of action of 2-mercaptopropionylglycine (MPG) as a radioprotector on murine liver measured by changes in ribonucleic acid and protein contents: findings and hypothesis. Kumar Gupta N, et al. **J Nucl Med Allied Sci** 1984 Oct-Dec;28(4):257-62

Combined effects of radiosensitizers and radioprotectors on cultured mammalian cells to Co-60 gamma-rays. Antoku S, et al. **J Radiat Res (Tokyo)** 1984 Dec;25(4):305-13

Urinary deoxycytidine levels in radioprotected rats. Basu SK, et al. **J Radiat Res (Tokyo)** 1984 Jun;25(2):174-82

Post-irradiation inactivation, protection, and repair of the sulfhydryl enzyme malate synthase. Effects of formate, superoxide dismutase, catalase, and dithiothreitol. Durchschlag H, et al. **Radiat Environ Biophys** 1985; 24(2):99-111

Radioprotection of euoxic bacteria by phenothiazine drugs. Maniar HS, et al. **Radiat Environ Biophys** 1984;23(4):279-85

Fixation of radiation-induced potentially lethal damage by anisotonic treatment and its modification by DMSO or BrdUrd in V79 cells. Raaphorst GP, et al. **Radiat Environ Biophys** 1985;24(3):175-84

16,16-Dimethyl prostaglandin E2 induces radioprotection in murine intestinal and hematopoietic stem cells. Hanson WR, et al. **Radiat Res** 1985 Aug;103(2):196-203

Interactions of radioprotectors and oxygen in cultured mammalian cells. I. Dithiothreitol effects on radiation-induced cell killing. Held KD. **Radiat Res** 1985 Mar;101(3):424-33

The effect of dexamethasone on the cytotoxic and enzymatic response of cultured endothelial cells to radiation. Lam TT, et al. **Radiat Res** 1985 Aug;103(2):240-50

Effects of radiomodifiers on high and low LET responses in vivo. Rojas A, et al. **Radiother Oncol** 1984 Jun;2(1):65-73

Evaluation of radioprotectors by the Na+ influx study in RBC of lethally irradiated rats. Srinivasan MN, et al. **Strahlentherapie** 1984 Sep;160(9):565-6

[Radioprotective mechanism of a preparation extracted from TFB. I. Effects on the hemopoietic system in mice] Xu CX, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Oct; 6(5):338-41 (Eng. Abstr.) (Chi)

[Effect of diethyllipoamide on DNA damage and repair of gamma-irradiated mouse bone marrow cells] Xia SX, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):261-4 (Eng. Abstr.) (Chi)

[Effect of diethyllipoamide on DNA damage and repair of gamma-irradiated mouse bone marrow cells] Xia SX, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):261-4 (Eng. Abstr.) (Chi)

[Effect of radioprotectors on the decarboxylase activity of mast cells] Goncharenko EN, et al. **Biol Nauki** 1985; (3):28-30 (Eng. Abstr.) (Rus)

[Acceleration of the elimination of radioactive cobalt from the body] Razumovskiĭ NO, et al. **Gig Sanit** 1984 Jul; (7):35-8 (Eng. Abstr.) (Rus)

[Survival of irradiated animals and the preservation of CFUs after the administration of various radioprotectors] Malkina RM. **Radiobiologiia** 1984 Sep-Oct;24(5):651-4 (Eng. Abstr.) (Rus)

[Statistical aspects of the relation of the radioprotective action of mercaptoethylamine derivatives and analogs to their electron parameters] Mukhomorov VK. **Radiobiologiia** 1985 May-Jun;25(3):422-6 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

Orgotein as a radioprotector in normal tissues. Experiments on mouse skin and a murine adenocarcinoma. Cividalli A, et al. **Acta Radiol [Oncol]** 1985 May-Jun;24(3):273-7

Sensitizers and protectors in radiotherapy. Brown JM. **Cancer** 1985 May 1;55(9 Suppl):2222-8 (45 ref.)

Oxygen-dependent protection of radiation lung damage in mice by WR 2721. Down JD, et al. **Int J Radiat Biol** 1984 Nov;46(5):597-607

Tumor radiosensitization with concomitant bone marrow radioprotection: a study in mice using diethyldithiocarbamate (DDC) under oxygenated and hypoxic conditions. Evans RG. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1163-9

In vivo radioprotective activities of diethyldithiocarbamate (DDC). Milas L, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec;10(12):2335-43

Chemical modifiers of cancer treatment. Phillips TL. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1791-4

The influence of X ray dose levels on normal tissue radioprotection by WR-2721. Rojas A, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec;10(12):2351-6

Polyethylene glycol as a protector against head and neck irradiation. Shaeffer J, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec;10(12):2329-33

Protection of mouse lung by WR-2721 after fractionated doses of irradiation. Travis EL, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):521-6

Effect of sodium meclofenamate on radiation-induced esophagitis and cystitis. Ambrus JL, et al. **J Med** 1984; 15(2):81-92

60Co radiation induced hazards and use of S-anisyl formamidino-4(N-methyl isothioamide) morpholine dihydrochloride as chemical radioprotector. Chaturvedi PK, et al. **J Nucl Med Allied Sci** 1984 Jan-Mar;28(1):1-8

Life span and tumor incidence in rats receiving postradiation treatment with ATP-AET-mexamine mixture. Benova DK, et al. **Radiat Res** 1985 Jan;101(1):207-11

Comparison of cAMP with other radioprotectors against chronic damage to the rat parotid gland. Conger AD, et al. **Radiat Res** 1985 Apr;102(1):99-105

Rutoside and the X-ray induced damage in jejunal mucosa of mouse. Rao KR, et al. **Strahlentherapie** 1984 Oct; 160(10):624-6

[Efficacy of the paramunity inducers PIND-AVI and PIND-ORF as radioprotective agents] Breiter N, et al. **Strahlentherapie** 1985 Mar;161(3):168-76 (Eng. Abstr.) (Ger)

[Clinical use of radioprotector amifostine (YM-08310)] Takahashi I, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Nov 25; 44(11):1396-404 (Eng. Abstr.) (Jpn)

[Features of the intracellular repair of irradiated keratinocytes] Ponomareva TV, et al. **Arkh Anat Gistol Embriol** 1985 May;88(5):66-71 (Eng. Abstr.) (Rus)

[Teleradiotherapy of laryngeal cancer using a gas hypoxic mixture (GHM-10)] Mardynskiĭ IuS, et al. **Med Radiol (Mosk)** 1985 Aug;30(8):11-5 (Eng. Abstr.) (Rus)

[Prevention of radiation damage to the bladder and rectum using local application of dimethyl sulfoxide] Zharinov GM, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):16-8 (Eng. Abstr.) (Rus)

[Radiosensitivity during the irradiation of animals in an altered gaseous environment. A comparative study on mice and rats of the radiation-protective effect of oxygen-deficient gas mixtures] Abramov MM, et al. **Radiobiologiia** 1985 May-Jun;25(3):416-8 (Eng. Abstr.) (Rus)

[Function of the hematopoietic system in irradiated animals prophylactically administered 2-amino-2-thiazoline] Ianushevskaia MI, et al. **Radiobiologiia** 1985 May-Jun; 25(3):407-10 (Eng. Abstr.) (Rus)

[Acute toxicity and radioprotective effectiveness of gammaphos on intramuscular administration to mice] Kuna P. **Radiobiologiia** 1985 Jan-Feb;25(1):59-62 (Eng. Abstr.) (Rus)

[Mechanism of action of dialkylaminoethylthiol derivatives of pyrimidine and quinazoline] Tregubenko IP, et al. **Radiobiologiia** 1984 Nov-Dec;24(6):838-42 (Eng. Abstr.) (Rus)

TOXICITY

Toxicity of WR-2721 administered in single and multiple doses. Kligerman MM, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1773-6

Cytotoxic effects of WR-2721 on mouse testicular cells. Meistrich ML, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1551-4

[Determination of the optimal proportions as regards toxicity of AET, ATP and serotonin used in combination] Benova DK, et al. **Radiobiologiia** 1985 Jan-Feb;25(1):63-8 (Eng. Abstr.) **(Rus)**

RADIATION SENSITIVITY see **RADIATION TOLERANCE**

RADIATION-SENSITIZING AGENTS

Enhancement of radiation effects by mercury in preimplantation mouse embryos in vitro. Müller WU, et al. **Arch Toxicol** 1985 Jun;57(2):114-8

The two-photon induced fluorescence of the tumor localizing photosensitizer hematoporphyrin derivative via 1064 nm photons from a 20 ns Q-switched Nd-YAG laser. Bodaness RS, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):346-51

In vitro and in vivo studies on potentiation of cytotoxic effects of anticancer drugs or cobalt 60 gamma ray by interferon on human neoplastic cells. Namba M, et al. **Cancer** 1984 Nov 15;54(10):2262-7

Inhibitors of poly(adenosine diphosphoribose) synthetase, examination of metabolic perturbations, and enhancement of radiation response in Chinese hamster cells. Ben-Hur E, et al. **Cancer Res** 1985 May;45(5):2123-7

Thiyl free radical production with hematoporphyrin derivative, cysteine and light: a spin-trapping study. Buettner GR. **FEBS Lett** 1984 Nov 19;177(2):295-9

Time scale of radiation damage by 2,4-dinitrophenyl-aziridine (CB 1954) in Chinese hamster cells: a rapid-mix study. Kandaiya S. **Int J Radiat Biol** 1985 Sep;48(3):441-6

Radiation and platinum drug interaction. Nias AH. **Int J Radiat Biol** 1985 Sep;48(3):297-314 (48 ref.)

Non-nitro radiation sensitizers. Shenoy MA, et al. **Int J Radiat Biol** 1985 Sep;48(3):315-26

Intra-arterial infusion of radiosensitizer (BUdR) combined with hypofractionated irradiation and chemotherapy for primary treatment of osteogenic sarcoma. Martinez A, et al. **Int J Radiat Oncol Biol Phys** 1985 Jan;11(1):123-8

Use of a perfluorochemical emulsion to improve oxygenation in a solid tumor. Rockwell S. **Int J Radiat Oncol Biol Phys** 1985 Jan;11(1):97-103

Radiosensitization of EMT6 cells by four platinum complexes. Teicher BA, et al. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):937-41

Radiation-induced oxidative denitration of 2-nitroimidazoles in aqueous solution. Ide H, et al. **J Radiat Res (Tokyo)** 1984 Sep;25(3):246-50

Fluorescence spectral changes of hematoporphyrin derivative upon binding to lipid vesicles, Staphylococcus aureus and Escherichia coli cells. Ehrenberg B, et al. **Photochem Photobiol** 1985 Apr;41(4):429-35

In vitro transformation by bromodeoxyuridine and X irradiation in C3H 10T1/2 cells. Raaphorst GP, et al. **Radiat Res** 1985 Feb;101(2):279-91

The effect of breathing 100% oxygen on lung response to radiation in mice. Travis EL, et al. **Radiother Oncol** 1985 Feb;3(2):177-9

[Radiosensitizing effect of pepleomycin on the mouse] Takahashi M, et al. **Yakugaku Zasshi** 1985 Apr; 105(4):407-10 (Eng. Abstr.) **(Jpn)**

[Research trends in the leading foreign research centers in the field of electron-acceptor radiosensitizers] Stanzhevskaia TI, et al. **Med Radiol (Mosk)** 1984 Dec; 29(12):71-6 **(Rus)**

ADMINISTRATION & DOSAGE

The pharmacokinetics of a new radiosensitiser, Ro 03-8799 in humans. Allen JG, et al. **Eur J Clin Pharmacol** 1984; 27(4):483-9

Metronidazole as a radio sensitizer--phase I study. Gupta VK, et al. **Indian J Cancer** 1983 Nov-Dec;20(5):271-4

Current status of 10B-neutron capture therapy: enhancement of tumor dose via beam filtration and dose rate, and the effects of these parameters on minimum boron content: a theoretical evaluation. Fairchild RG, et al. **Int J Radiat Oncol Biol Phys** 1985 Apr;11(4):831-40

Continuous intravenous infusions of bromodeoxyuridine as a clinical radiosensitizer. Kinsella TJ, et al. **J Clin Oncol** 1984 Oct;2(10):1144-50

Bactericidal effects of photoradiation therapy with hematoporphyrin derivative. Venezio FR, et al. **J Infect Dis** 1985 Jan;151(1):166-9

Photosensitizer-protein conjugates: potential use as photoimmunotherapeutic agents. Wat CK, et al. **Prog Clin Biol Res** 1984;170:351-9

[Combined use of radiosensitizing and protective agents in experimental radiotherapy] Magdon E, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):29-32 (Eng. Abstr.) **(Rus)**

CHEMICAL SYNTHESIS

Potential radiosensitizing agents. 7. 4(5)-Iodo-5(4)-nitroimidazole derivatives. Gupta RP, et al. **J Med Chem** 1985 Aug;28(8):987-91

Synthesis and activity of novel nitropyrazines for use as hypoxic cell radiosensitizers. Hartman GD, et al. **J Med Chem** 1984 Dec;27(12):1634-9

METABOLISM

Cellular uptake of misonidazole and analogues with acidic or basic functions. Dennis MF, et al. **Int J Radiat Biol** 1985 Jun;47(6):629-43

The clinical testing of Ro 03-8799---pharmacokinetics, toxicology, tissue and tumor concentrations. Saunders MI, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1759-63

A phase I clinical study of Nimorazole as a hypoxic radiosensitizer. Timothy AR, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1765-8

Binding of hematoporphyrin derivative to human serum albumin. Grossweiner LI, et al. **Photochem Photobiol** 1984 Jul;40(1):1-4

Further characterization of 4-bromomisonidazole as a potential detector of hypoxic cells. Rasey JS, et al. **Radiat Res** 1985 Apr;102(1):76-85

Comparison of binding of [3H]misonidazole and [14C]misonidazole in multicell spheroids. Rasey JS, et al. **Radiat Res** 1985 Mar;101(3):473-9

Effect of lipophilicity on the rate of diffusion of sensitizers into cellular targets. Kandaiya S. **Singapore Med J** 1985 Feb;26(1):49-52

Enhancement of hematoporphyrin derivative uptake in vitro and in vivo by tumor cells in the presence of lanthanum. Crone-Escanye MC, et al. **Tumori** 1985 Feb 28;71(1):39-43

PHARMACODYNAMICS

Mutagenic activity of radiosensitizers. Grzybowska E, et al. **Acta Microbiol Pol** 1985;34(2):111-20

Radiation dose dependence of the sensitization by oxygen and oxygen mimic sensitizers. Révész L, et al. **Acta Radiol [Oncol]** 1985 May-Jun;24(3):209-17 (52 ref.)

The inactivation of acetylcholinesterase by alpha-terthienyl and ultraviolet light. Studies in vitro and in larvae of the mosquito Aedes aegypti. Kagan J, et al. **Biochim Biophys Acta** 1984 Dec 20;802(3):442-7

Interaction of diethylaminoreserpine with cells of a transplantable tumour in vivo. Lehnert S. **Br J Cancer** 1984 Dec;50(6):847-51

Role of active oxygen species in the photodestruction of microsomal cytochrome P-450 and associated monooxygenases by hematoporphyrin derivative in rats. Das M, et al. **Cancer Res** 1985 Feb;45(2):608-15

Radiosensitization effects of nicotinamide on malignant and normal mouse tissue. Jonsson GG, et al. **Cancer Res** 1985 Aug;45(8):3609-14

Effects of photosensitization by hematoporphyrin derivative on mitochondrial adenosine triphosphatase-mediated proton transport and membrane integrity of R3230AC mammary adenocarcinoma. Perlin DS, et al. **Cancer Res** 1985 Feb;45(2):653-8

The phthalocyanines: a new class of mammalian cells photosensitizers with a potential for cancer phototherapy. Ben-Hur E, et al. **Int J Radiat Biol** 1985 Feb;47(2):145-7

Effect of methylene blue and illumination on the process of differentiation of the protozoan Herpetomonas samuelpessoai. Castellanos GB, et al. **Int J Radiat Biol** 1985 Feb;47(2):191-5

Radiosensitizing and cytotoxic properties of misonidazole on glutathione synthetase deficient human fibroblasts. Deschavanne PJ, et al. **Int J Radiat Biol** 1985 Aug; 48(2):213-21

Glutathione requirement for the rejoining of radiation-induced DNA breaks in misonidazole-treated cells. Edgren M, et al. **Int J Radiat Biol** 1985 Aug; 48(2):207-12

Radiation sensitization of Escherichia coli B/r by 2'-chloro-2'-deoxythymidine under various irradiation conditions. Hayashi M, et al. **Int J Radiat Biol** 1985 May; 47(5):523-9

Cytotoxic effects following micro-irradiation of cultured cells sensitized with haematoporphyrin derivative. Moreno G, et al. **Int J Radiat Biol** 1985 Apr;47(4):383-6

The in vitro sensitivity of chronically hypoxic EMT6/SF cells to X-radiation and hypoxic cell radiosensitizers. Shrieve DC, et al. **Int J Radiat Biol** 1985 Jul;48(1):127-38

Thiol reactive nitroimidazoles: radiosensitization studies in vitro and in vivo. Stratford IJ, et al. **Int J Radiat Biol** 1984 Dec;46(6):731-45

The effect of extracellular pH on radiosensitization by misonidazole and acidic or basic analogues. Watts ME, et al. **Int J Radiat Biol** 1985 Jun;47(6):645-53

RSU 1069, a 2-nitroimidazole containing an alkylating group: high efficiency as a radio- and chemosensitizer in vitro and in vivo. Adams GE, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1653-6

Nitroimidazoles as modifiers of nitrosourea pharmacokinetics. Lee FY, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep; 10(9):1627-30

Preliminary evaluation of isocyanate-generating nitroheterocycles as chemosensitizers, radiosensitizers and hypoxic cell cytotoxic agents. Mulcahy RT, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1609-13

Chemopotentiation by CB 1954: the importance of postincubations and the possible involvement of poly(ADP-ribosylation). Walling JM, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1661-4

Combined effects of radiosensitizers and radioprotectors on cultured mammalian cells to Co-60 gamma-rays. Antoku S, et al. **J Radiat Res (Tokyo)** 1984 Dec;25(4):305-13

Radiosensitization of Bacillus megaterium spores by combinations of oxygen and misonidazole. Salih FM. **J Radiat Res (Tokyo)** 1984 Jun;25(2):160-9

Effect of hypoxic cell radiosensitizers on glutathione level and related enzyme activities in isolated rat hepatocytes. Noguchi K, et al. **Life Sci** 1985 Aug 19;37(7):625-33

Alkaline elution studies of hematoporphyrin-derivative photosensitized DNA damage and repair in Chinese hamster ovary cells. Blazek ER, et al. **Photochem Photobiol** 1984 Jul;40(1):5-13

Acute skin response in albino mice following porphyrin photosensitization under oxic and anoxic conditions. Gomer CJ, et al. **Photochem Photobiol** 1984 Oct;40(4):435-9

Action spectra for hematoporphyrin derivative and Photofrin II with respect to sensitization of human cells in vitro to photoinactivation. Moan J, et al. **Photochem Photobiol** 1984 Nov;40(5):631-4

Effects of nitroheterocyclic sensitizers on erythrocyte membranes ATP-ase activity. Rybczyńska M, et al. **Pol J Pharmacol Pharm** 1984 Jul-Aug;36(4):307-12

Fixation of radiation-induced potentially lethal damage by anisotonic treatment and its modification by DMSO or BrdUrd in V79 cells. Raaphorst GP, et al. **Radiat Environ Biophys** 1985;24(3):175-84

Temperature dependent modification of radiosensitivity following hypoxic cytocidal action of chlorpromazine. Shenoy MA, et al. **Radiat Environ Biophys** 1985;24(2):113-7

Effects of oxygen and misonidazole on cell transformation and cell killing in C3H 10T1/2 cells by X rays in vitro. Borsa J, et al. **Radiat Res** 1984 Oct;100(1):96-103

Polyfunctional radiosensitizers. VII. Radiosensitization by conformationally-restricted isomers of a nitroxyl biradical in vitro. Millar BC, et al. **Radiat Res** 1985 Jan;101(1):111-22

The effect of misonidazole as a hypoxic radiosensitizer at low dose. Palcic B, et al. **Radiat Res** 1984 Nov;100(2):340-7

Ataxia telangiectasia cells exhibit the same radiosensitization response by incorporation of BrdUrd or IdUrd as do normal human cells. Raaphorst GP, et al. **Radiat Res** 1985 Sep;103(3):455-60

Effect of misonidazole on formation of thymine damage by gamma rays. Remsen JF. **Radiat Res** 1985 Feb; 101(2):306-11

Effects of radiomodifiers on high and low LET responses in vivo. Rojas A, et al. **Radiother Oncol** 1984 Jun;2(1):65-73

Enhancement of misonidazole radiosensitization by buthionine sulphoximine. Rojas A, et al. **Radiother Oncol** 1984 Dec;2(4):325-32

[Effects of hematoporphyrin derivatives--photoirradiation on DNA and RNA synthesis in L1210 cells] Li ZR, et al. **Yao Hsueh Hsueh Pao** 1985 Jan;20(1):17-20 (Eng. Abstr.) **(Chi)**

[Increased effect of hypoxic cell radiation sensitizers in combination with BSO, a substance depleting the intracellular radioprotective thiols] Nishidai T, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Apr 20;19(3):561-5 (Eng. Abstr.) **(Jpn)**

[Genetic control of the modification of the radiosensitivity of yeasts by oxygen and hypoxic sensitizers] Zhurakovskaia GP, et al. **Genetika (Moskva)** 1984 Aug;20(8):1311-7 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

The radiation chemistry of some platinum-containing radiosensitizers and related compounds. Butler J, et al. **Radiat Res** 1985 Apr;102(1):1-13

[Mechanisms in the regulation of the level of lipid radiosensitizing agents in yeast cells with different types of radioresistance] Gudz' TI, et al. **Biol Nauki** 1985; (1):25-32 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Potential applications of photoradiation therapy in head and neck surgery. Ossoff RH, et al. **Arch Otolaryngol** 1984 Nov; 110(11):728-30

Wavelength and light-dose dependence in tumour phototherapy with haematoporphyrin derivative. van Gemert JC, et al. **Br J Cancer** 1985 Jul;52(1):43-9

Sensitizers and protectors in radiotherapy. Brown JM. **Cancer** 1985 May 1;55(9 Suppl):2222-8 (45 ref.)

A comparison of efficacy of photoradiation therapy and other conventional treatment modalities on experimental MS-2 sarcoma. Pezzoni G, et al. **Cancer Lett** 1984 Dec; 25(2):209-16

Experimental laser phototherapy of the Morris 7777 hepatoma in the rat. Holt S, et al. **Hepatology** 1985 Mar-Apr;5(2):175-80

Radical irradiation and misonidazole for T2 grade III and T3 bladder cancer: 2 year follow-up. Abratt RP, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1719-20

Hypoxic cell radiosensitizers: expectations and progress in drug development. Coleman CN. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):323-9 (35 ref.)

Tumor radiosensitization with concomitant bone marrow radioprotection: a study in mice using diethyldithiocarbamate (DDC) under oxygenated and hypoxic conditions. Evans RG. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1163-9

Misonidazole combined with hyperfractionation in the management of malignant glioma. Fulton DS, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1709-12

A comparison of the ability of some radiosensitizers undergoing clinical trials to act as chemosensitizers.

Hinchliffe M, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1635-40

The effect of timing on chemosensitization by clinical levels of SR-2508. Hirst DG, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1641-5

Combined treatment of radiation and local injections of misonidazole. Hong SS, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec;10(12):2369-73

Hyperfractionated radiotherapy with or without misonidazole: results of a prospective randomized study in stage III-IV squamous cell carcinoma of the head and neck. Panis X, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct;10(10):1845-9

Chemical modifiers of cancer treatment. Phillips TL. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1791-4

Phase I study of intravenous bromodeoxyuridine used concomitantly with radiation therapy in patients with primary malignant brain tumors. Phuphanich S, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1769-72

The treatment of locally advanced head and neck cancer with misonidazole, hyperbaric oxygen and irradiation: an interim report. Sealy R, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1721-3

Potentiation of melphalan activity in the KHT sarcoma by the radiosensitizer RSU 1069. Siemann DW, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1657-60

Enhanced tumor responses through therapies combining CCNU, MISO and radiation. Siemann DW, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1623-6

Modification of chemotherapy by nitroimidazoles. Siemann DW. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1585-94 (63 ref.)

Misonidazole and irradiation in the treatment of high-grade astrocytomas: further report of the Vienna Study Group. Stadler B, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1713-7

Clinical trials with hypoxic cell sensitizers: time to retrench or time to push forward? Urtasun RC, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1691-6 (36 ref.)

Tumor sensitization and protection: influence of stromal injury on estimates of dose modification. Williams MV, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1545-9

Preliminary report on AT1727 as a potential radiosensitizer. Zhang ZY, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec;10(12):2305-7

Treatment of diffuse transitional cell carcinoma in situ by whole bladder hematoporphyrin derivative photodynamic therapy. Benson RC, Jr. **J Urol** 1985 Oct;134(4):675-8

Photoradiation therapy of cutaneous angiosarcomas in mice. Liu MS, et al. **Plast Reconstr Surg** 1985 Aug;76(2):286-92

Photoradiation therapy of bladder tumours. Hisazumi H, et al. **Prog Clin Biol Res** 1984;162B:385-96

Failure of 5-thio-D-glucose to alter cell survival in irradiated or unirradiated EMT6 tumors. Rockwell S, et al. **Radiat Res** 1984 Dec;100(3):527-35

Chemical sensitizers for hypoxic cells: a decade of experience in clinical radiotherapy. Dische S. **Radiother Oncol** 1985 Feb;3(2):97-115 (81 ref.)

Nicotinamide as a radiosensitizer of a C3H mouse mammary adenocarcinoma. Jonsson GG, et al. **Radiother Oncol** 1984 Mar;1(4):349-53

Radiosensitizing drugs in relation to individualized treatment. Adams GE. **Strahlentherapie** 1984 Nov;160(11):688-94

New compounds for neutron capture therapy (NCT) and their significance. Fairchild RG, et al. **Strahlentherapie** 1984 Dec;160(12):764-70 (31 ref.)

Photon activation therapy. Fairchild RG, et al. **Strahlentherapie** 1984 Dec;160(12):758-63

The effect of hypoxic radiosensitizer after mild hyperthermia in C3H mammary carcinoma. Ohizumi Y, et al. **Tokai J Exp Clin Med** 1984 Oct;9(4):331-7

[Combined and radiation therapy of rectal cancer using metronidazole] Baran LA, et al. **Med Radiol (Mosk)** 1984 Sep;29(9):43-6 **(Rus)**

[Electron acceptor compounds as radiation sensitizers of hypoxic cells in human tumors] Kiseleva ES, et al. **Med Radiol (Mosk)** 1984 Sep;29(9):74-82 (27 ref.) **(Rus)**

[Effect of metronidazole on the radiosensitivity of Guerin's carcinoma during its growth] Rudakov NP, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):76-7 **(Rus)**

[Modification of the action of ionizing radiation on cells of transplantable tumors by administering xanthobine] Volchkov VA, et al. **Radiobiologiia** 1985 Jan-Feb;25(1):112-4 (Eng. Abstr.) **(Rus)**

TOXICITY

Photodynamic inactivation of selected intracellular enzymes by hematoporphyrin derivative and their relationship to tumor cell viability in vitro. Hilf R, et al. **Cancer Lett** 1984 Sep;24(2):165-72

Initial report of the phase I trial of the hypoxic cell radiosensitizer SR-2508. Coleman CN, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1749-53

In vitro assessment of the oncogenic potential of nitroimidazole radiosensitizers. Hei TK, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1653-8

Is misonidazole neurotoxicity altered by the use of phenytoin and/or dexamethasone in RTOG 79-18 and RTOG 79-16? Nelson DF, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1731-4

A phase I study of the hypoxic cell radiosensitizer Ro-03-8799. Roberts JT, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1755-8

Misonidazole with dexamethasone rescue: an escalating dose toxicity study. Tanasichuk H, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1735-7

Neuropathy of nitroimidazole radiosensitizers: clinical and pathological description. Wasserman TH, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1725-30

Separation and phototoxicity in vitro of some of the components of haematoporphyrin derivative. Cowled PA, et al. **Photochem Photobiol** 1985 Apr;41(4):445-51

Selective killing of leukemic cells by merocyanine 540-mediated photosensitization. Sieber F, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7584-7

The neurotoxicity of radiosensitizing drugs: a biochemical assessment of desmethylmisonidazole (DMM) in the rat. Rose GP, et al. **Toxicology** 1985 Jan;34(1):43-56

RADIATION SICKNESS see **RADIATION INJURIES**

RADIATION SYNDROME see **RADIATION INJURIES**

RADIATION TOLERANCE

Relation between number of hemopoietic stem cells in newborn mice and their radiosensitivity. Sutter T, et al. **Acta Radiol [Oncol]** 1985 May-Jun;24(3):263-5

Tumour growth delay following single dose irradiation of human melanoma xenografts. Correlations with tumour growth parameters, vascular structure and cellular radiosensitivity. Rofstad EK, et al. **Br J Cancer** 1985 Feb;51(2):201-10

The radiosensitivity of human neuroblastoma cells estimated from regrowth curves of multicellular tumour spheroids. Wheldon TE, et al. **Br J Radiol** 1985 Jul;58(691):661-4

Sensitivity of lymphocytes from patients with cancer to x- and ultraviolet radiation. Kutlaca R, et al. **Cancer** 1984 Dec 15;54(12):2952-5

Radiation sensitivity of Bloom's syndrome lymphocytes during S and G2 phases. Aurias A, et al. **Cancer Genet Cytogenet** 1985 Mar 15;16(2):131-6

Heterogeneity of X-ray cytotoxicity in proliferating and quiescent murine mammary carcinoma cells. Wallen CA, et al. **Cancer Res** 1985 Jul;45(7):3064-9

Variant of ataxia-telangiectasia with low-level radiosensitivity. Fiorilli M, et al. **Hum Genet** 1985;70(3):274-7

Combined effect of misonidazole and glutathione depletion by buthionine sulphoximine on cellular radiation response. Edgren M, et al. **Int J Radiat Biol** 1985 Apr;47(4):463-74

The influence of dose rate on the lethal and mutagenic effects of X-rays in proliferating L5178Y cells differing in radiation sensitivity. Evans HH, et al. **Int J Radiat Biol** 1985 May;47(5):553-62

Glutathione depletion enhances the lifetime of oxygen-reactive radicals in mammalian cells. Hodgkiss RJ, et al. **Int J Radiat Biol** 1984 Dec;46(6):673-4

Adduct formation is involved in radiosensitization, mediated by cytochrome c, of phi X174 DNA by misonidazole. Lafleur MV, et al. **Int J Radiat Biol** 1985 Apr;47(4):379-82

Potentially lethal damage repair in cell lines of radioresistant human tumours and normal skin fibroblasts. Marchese MJ, et al. **Int J Radiat Biol** 1985 Sep;48(3):431-9

Studies on the relationship between the radiation resistance and glutathione content of human and rodent cells after treatment with dexamethasone in vitro. Millar BC, et al. **Int J Radiat Biol** 1985 May;47(5):539-52

The role of endogenous thiols in intrinsic radioprotection. Révész L. **Int J Radiat Biol** 1985 Apr;47(4):361-8 (30 ref.)

Heat-shock induction of radiation resistance in primordial germ cells of the fish Oryzias latipes. Shimada Y. **Int J Radiat Biol** 1985 Aug;48(2):189-96

Influence of thermal conditioning on the heat-induced radioresistance in primordial germ cells of the fish Oryzias latipes. Shimada Y. **Int J Radiat Biol** 1985 Sep;48(3):423-30

The in vitro sensitivity of chronically hypoxic EMT6/SF cells to X-radiation and hypoxic cell radiosensitizers. Shrieve DC, et al. **Int J Radiat Biol** 1985 Jul;48(1):127-38

Lack of evidence for increased tolerance of rat spinal cord with decreasing fraction doses below 2 Gy. Ang KK, et al. **Int J Radiat Oncol Biol Phys** 1985 Jan;11(1):105-10

Eighth annual Juan del Regato lecture. Chemical modifiers of radiosensitivity—theory and reality: a review. Fowler JF. **Int J Radiat Oncol Biol Phys** 1985 Apr;11(4):665-74 (77 ref.)

Suppression of antibody responses to topically applied antigens by ultraviolet light irradiation. Induction of phototolerance. Spellman CW, et al. **J Exp Med** 1984 Dec 1;160(6):1891-900

Use of lymphoblastoid cell lines to evaluate the hypersensitivity to ultraviolet radiation in Cockayne syndrome. Otsuka F, et al. **J Invest Dermatol** 1984 May;82(5):480-4

Morphometric study of the interphase nucleus in some radiosensitive and radioresistant mammalian cells. Suciu D. **J Theor Biol** 1985 Apr 21;113(4):599-609

Radiosensitivity and the clinician [editorial] **Lancet** 1985 Jul 6;2(8445):23-5

Radiosensitivity of in-situ carcinoma of breast [letter] **Lancet** 1985 Aug 3;2(8449):282-3

X-ray sensitive mutants of Chinese hamster ovary cell line: radio-sensitivity of DNA synthesis. Jeggo PA. **Mutat Res** 1985 May;145(3):171-6

High sensitivity of murine teratocarcinoma cells to UV radiation and the effect of post-irradiation treatment with caffeine. Niwa O, et al. **Mutat Res** 1985 May;145(3):195-200

Double-strand break repair and G2 block in Chinese hamster ovary cells and their radiosensitive mutants. Weibezahn KF, et al. **Mutat Res** 1985 May;145(3):177-83

UVR-sensitive and UVR-resistant antigen-presenting cells. Granstein RD. **Photodermatol** 1985 Jun;2(3):129-31

Radio- and thermosensitivity of E. coli K1060 after thiol depletion by diethylmaleate. Konings AW, et al. **Radiat Environ Biophys** 1984;23(4):245-53

Ion content and the response of L5178Y-R and L5178Y-S cells to X rays and ionophore A23187. Szumiel I, et al. **Radiat Environ Biophys** 1984;23(4):255-67

Radiosensitivity of irradiated mouse skin to a second course of single and multifractionated irradiation. I. Early skin reaction. Masuda K, et al. **Radiat Med** 1983 Jan-Mar;1(1):85-8

Radiation resistance and the CuZn superoxide dismutase, Mn superoxide dismutase, catalase, and glutathione peroxidase activities of seven human cell lines. Marklund SL, et al. **Radiat Res** 1984 Oct;100(1):115-23

An oxygen effect for gamma-radiation induction of radiation resistance in yeast. Mitchel RE, et al. **Radiat Res** 1984 Oct;100(1):205-10

DNA polymerase alpha and beta activities during the cell cycle and their role in heat radiosensitization in Chinese hamster ovary cells. Mivechi NF, et al. **Radiat Res** 1985 Sep;103(3):337-50

Effect of hypothermia on cell kinetics and response to hyperthermia and X rays. van Rijn J, et al. **Radiat Res** 1985 Feb;101(2):292-305

Potentially lethal damage repair as a possible determinant of human tumour radiosensitivity. Guichard M, et al. **Radiother Oncol** 1984 Jan;1(3):263-9

Cell cycle-dependent repair of double-strand DNA breaks in a gamma-ray-sensitive Chinese hamster cell. Giaccia A, et al. **Somatic Cell Mol Genet** 1985 Sep;11(5):485-91

[Effect of age on the chromosomal radiosensitivity of bone marrow erythrocytes in the mouse] Timmermans R, et al. **C R Soc Biol (Paris)** 1984;178(5):557-61 (Eng. Abstr.) **(Fre)**

[Radiation resistance: a concept in need of review or a stubborn problem for radio-oncology?] Lütolf UM. **Schweiz Med Wochenschr** 1984 Sep 8;114(36):1232-6 (24 ref.) (Eng. Abstr.) **(Ger)**

[Radiosensitivity and effect of dose fractionation in cultured cells] Bettega D, et al. **Radiol Med (Torino)** 1984 Mar;70(3):118-23 (Eng. Abstr.) **(Ita)**

[Radiosensitization research in cancer therapy] Sugahara T. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 1):405-11 (22 ref.) (Eng. Abstr.) **(Jpn)**

[Mechanisms in the regulation of the level of lipid radiosensitizing agents in yeast cells with different types of radioresistance] Gudz' TI, et al. **Biol Nauki** 1985;(1):25-32 (Eng. Abstr.) **(Rus)**

[Effect of prostaglandin E1 on the cyclic adenosine-3',5'--monophosphate system and radiosensitivity of B-82 cells cultured in vitro] Malatsidze MA, et al. **Biol Nauki** 1984;(9):33-7 (Eng. Abstr.) **(Rus)**

[Catalase and superoxide dismutase activity in isogenous bacterial strains with different degrees of radioresistance] Vasil'eva EI, et al. **Biol Nauki** 1984;(9):30-3 (Eng. Abstr.) **(Rus)**

[Nonidentity of Lyt phenotypes and the radiosensitivity of early and late producers of macrophage migration inhibitory factor in reaction to H-2 complex antigens] Berkova NP, et al. **Biull Eksp Biol Med** 1985 Feb;99(2):176-8 (Eng. Abstr.) **(Rus)**

[Metabolic factors determining the selective enhancement of the effect of ionizing radiation on tumors] Iarmonenko SP, et al. **Eksp Onkol** 1984;6(2):3-8 (48 ref.) (Eng. Abstr.) **(Rus)**

[Growth activity and radiosensitivity of Pliss lymphosarcoma cells fractionated by sedimentation] Slivinskiĭ GG, et al. **Eksp Onkol** 1984;6(2):42-5 (Eng. Abstr.) **(Rus)**

[Radiosensitive Drosophila lines. VIII. The effect of the mus (201)Gl gene of Drosophila melanogaster on the sensitivity of the flies to ultraviolet rays in the imago stage] Sharygin VI. **Genetika** 1985 Jun;21(6):954-7 (Eng. Abstr.) **(Rus)**

[Escherichia coli K-12 mutants with increased resistance to ionizing radiation. V. The effect of mutations on spontaneous and radiation mutagenesis] Bresler SE, et al. **Genetika (Moskva)** 1985 Mar;21(3):384-90 (Eng. Abstr.) **(Rus)**

[Radiosensitivity of Drosophila lines. VII. The effect of the maternal genotype on the yield of recessive and dominant lethal mutations induced by the gamma irradiation of males] Varebtsova ER. **Genetika (Moskva)** 1984 Oct;20(10):1628-32 (Eng. Abstr.) **(Rus)**

[Genetic control of the modification of the radiosensitivity of yeasts by oxygen and hypoxic sensitizers] Zhurakovskaia GP, et al. **Genetika (Moskva)** 1984 Aug;20(8):1311-7 (Eng. Abstr.) **(Rus)**

[The results of metronidazole use in radiation and combined treatment of patients with laryngeal cancer] Andreev VG, et al. **Med Radiol (Mosk)** 1985 Apr;30(4):20-5 (Eng. Abstr.) **(Rus)**

[Selective effect of isoproterenol on radiosensitivity of cells associated with differences in beta-adrenoreceptor expression] Chirkov IuIu, et al. **Med Radiol (Mosk)** 1985

Jul;30(7):55-8 (Eng. Abstr.) **(Rus)**

[Radiosensitizing of experimental animal tumors using inhibitors of repair] Gotlib VIa, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):25-9 **(Rus)**

[Radiosensitizing effect of hyperthermia on mouse skin in relation to temperature and time of irradiation] Kurpeshev OK. **Med Radiol (Mosk)** 1985 Jul;30(7):46-9 **(Rus)**

[Skin reaction in combined exposure to ionizing radiation and heating in different sequences] Kurpeshev OK. **Med Radiol (Mosk)** 1984 Dec;29(12):78-80 **(Rus)**

[Morphology of laryngeal cancer in radiotherapy combined with the use of metronidazole] Lushnikov EF, et al. **Med Radiol (Mosk)** 1985 Apr;30(4):25-32 (Eng. Abstr.) **(Rus)**

[Effect of metronidazole on the intensity of cell respiration] Rozhdestvenskiĭ LM, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):38-43 (Eng. Abstr.) **(Rus)**

[Radiomodifying effect of glucose load on oxygenated and hypoxic tumor cells] Shmakova NL, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):17-20 (Eng. Abstr.) **(Rus)**

[Therapeutic effect of adrenaline and serotonin on the hematopoietic system of irradiated mice] Smirnova IB, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):43-6 **(Rus)**

[Clinical studies of the radiosensitizing effect of small doses of ionizing radiation (preliminary data)] Titova VA, et al. **Med Radiol (Mosk)** 1984 Nov;29(11):52-5 (Eng. Abstr.) **(Rus)**

[Enhancement of the antitumor effect of ionizing radiations in the combined use of metronidazole and induced hyperglycemia] Vinskaia NP, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):13-7 (Eng. Abstr.) **(Rus)**

[Carotenoid pigments and the enhanced resistance of Pseudomonas methanolica to the action of ultraviolet radiation] Naumov GN, et al. **Mikrobiologiia** 1984 Sep-Oct;53(5):861-3 (Eng. Abstr.) **(Rus)**

[Radiosensitivity during the irradiation of animals in an altered gaseous environment. A comparative study on mice and rats of the radiation-protective effect of oxygen-deficient gas mixtures] Abramov MM, et al. **Radiobiologiia** 1985 May-Jun;25(3):416-8 (Eng. Abstr.) **(Rus)**

[Effect of alpha-irradiation on sensitive and super resistant mutants of Escherichia coli] Amirtaev KG, et al. **Radiobiologiia** 1985 Jan-Feb;25(1):20-3 (Eng. Abstr.) **(Rus)**

[Temperature-induced radioresistance of Escherichia coli cells] Bresler SE, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):579-83 (Eng. Abstr.) **(Rus)**

[Genetic determination and mechanism of realization of temperature-induced radioresistance] Bresler SE, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):584-9 (Eng. Abstr) **(Rus)**

[Nomograms for determining the parameters for a probabilistic model of radiosensitivity] Faĭsi Ch. **Radiobiologiia** 1985 Jan-Feb;25(1):33-6 (Eng. Abstr.) **(Rus)**

[The role of hypoxia in the effect of glucose load on irradiated tumor cells] Iarmonenko SP, et al. **Radiobiologiia** 1985 Mar-Apr;25(2):196-9 (Eng. Abstr.) **(Rus)**

[Mathematical model of yeast cell recovery after combined exposure to ionizing radiation and hyperthermia] Komarov VP, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):700-3 (Eng. Abstr.) **(Rus)**

[Criteria for assessing the radioresistance of the Central Asiatic turtle] Turdyev AA, et al. **Radiobiologiia** 1985 Jan-Feb;25(1):92-4 (Eng. Abstr.) **(Rus)**

[Radiosensitivity of animals irradiated in a modified gaseous medium. Modification of cerebral syndrome in mice by hypoxic hypoxia and hyperoxia during irradiation] Ushakov IB, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):693-7 (Eng. Abstr.) **(Rus)**

[The role of glutathione in natural and modified radioresistance of yeast cells] Zolotareva LT, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):654-6 (Eng. Abstr.) **(Rus)**

[Radioresistant DNA synthesis in the fibroblasts of a Down's syndrome patient] Barenfel'd LS, et al. **Tsitologiia** 1985 May;27(5):582-6 (Eng. Abstr.) **(Rus)**

[Defect in the caffeine-dependent postreplication DNA repair in UV-sensitive Chinese hamster clone cells] Tavartkiladze BA, et al. **Tsitologiia** 1984 Nov;26(11):1295-301 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Effect of prolonged expansion of marrow progenitor compartments following doxorubicin (ADR) on subsequent radiation tolerance. Kovacs CJ, et al. **Exp Hematol** 1985; 13 Suppl 16:89-94

Fixation of radiation-induced potentially lethal damage by anisotonic treatment and its modification by DMSO or BrdUrd in V79 cells. Raaphorst GP, et al. **Radiat Environ Biophys** 1985;24(3):175-84

RADIATION, VISIBLE see **LIGHT**

RADIATION, WHOLE BODY see **WHOLE BODY IRRADIATION**

RADICAL NECK DISSECTION

Radical neck dissection for squamous cell carcinoma of the head and neck: early and long-term results of treatment. Bender MD, et al. **Ann R Coll Surg Engl** 1985 Jan; 67(1):47-50

Combined surgery and postoperative irradiation in the treatment of cervical lymph nodes. Goffinet DR, et al. **Arch Otolaryngol** 1984 Nov;110(11):736-8

The preservation of shoulder function after radical neck dissection. Jones TA, et al. **Clin Otolaryngol** 1985 Apr; 10(2):89-92

Cervical recurrence following radical neck dissection for carcinoma of the oral cavity. Ozeki S, et al. **Fukuoka Igaku Zasshi** 1985 Feb;76(2):37-43

Bilateral chylothorax complicating radical neck dissection: report of a case with no concurrent external chylous leakage. Har-El G, et al. **Head Neck Surg** 1985 Jan-Feb; 7(3):225-30

'Pseudotumors' of the clavicle subsequent to radical neck dissection. Fini-Storchi O, et al. **J Laryngol Otol** 1985 Jan; 99(1):73-83

Blood loss with use of the Shaw scalpel for the treatment of oral cancer. Takagi R, et al. **J Oral Maxillofac Surg** 1985 Aug;43(8):580-4

Complications in neck dissection. Olofsson J, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(3):123-30

Improved survival associated with postoperative wound infection in laryngeal cancer: an analysis of its therapeutic implications. Schantz SP, et al. **Otolaryngol Head Neck Surg** 1980 Jul-Aug;88(4):412-7

[Sparing of the accessory nerve in radical neck dissection] Busch HP, et al. **Fortschr Kiefer Gesichtschir** 1985;30:65-7 **(Ger)**

[Treatment of iatrogenic thoracic duct lesions] Vajda L, et al. **Fortschr Kiefer Gesichtschir** 1985;30:182--3 **(Ger)**

[Intracranial and cervical elimination of carotid circulation as a prerequisite for operability of extensive neck tumors] Matzker J, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Mar; 64(3):139-41 (Eng. Abstr.) **(Ger)**

[The effect of carotid sinus stimulation on changes in blood pressure and the heart rate and rhythm during neck dissection] Gašparović S. **Lijec Vjesn** 1985 Mar-Apr; 107(3-4):103-7 (Eng. Abstr.) **(Scr)**

ADVERSE EFFECTS

Bony mass associated with hypertrophy of the sternohyoid muscle after radical neck dissection. Kurita K, et al. **Int J Oral Surg** 1985 Feb;14(1):89-92

[Bilateral pneumothorax following total thyroidectomy and radical neck resection] Taniguchi K, et al. **Masui** 1985 Jan; 34(1):112-4 (Eng. Abstr.) **(Jpn)**

METHODS

The conservation neck dissection. Deutsch EC, et al. **Laryngoscope** 1985 May;95(5):561-5

RADICULAR CYST

DIAGNOSIS

Radicular cysts arising from deciduous teeth. Review of the literature and report of 23 cases. Lustmann J, et al. **Int J Oral Surg** 1985 Apr;14(2):153-61

[Clinico-radiological picture of periradicular cysts in the lumbosacral region] Gajewicz M, et al. **Neurol Neurochir Pol** 1984 Mar-Apr;18(2):137-42 (Eng. Abstr.) **(Pol)**

ETIOLOGY

Cysts associated with deciduous molars following pulp therapy. Grundy GE, et al. **Aust Dent J** 1984 Aug; 29(4):249-56

PATHOLOGY

In situ characterization of mononuclear cells in human dental periapical inflammatory lesions using monoclonal antibodies. Nilsen R, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug;58(2):160-5

Melanoma with metastasis to an apical periodontal cyst. Welch RD, et al. **Oral Surg Oral Med Oral Pathol** 1985 Feb;59(2):189-93

RADICULITIS

BLOOD

[Asymmetries in the serum ceruloplasmin concentration of patients with spondylogenic lumbosacral radiculitis] Neĭmark EZ, et al. **Zh Nevropatol Psikhiatr** 1985; 85(4):513-6 (Eng. Abstr.) **(Rus)**

CEREBROSPINAL FLUID

Repeated isolation of spirochetes from the cerebrospinal fluid of a patient with meningoradiculitis Bannwarth [letter] Preac Mursic V, et al. **Eur J Clin Microbiol** 1984 Dec; 3(6):564-5

COMPLICATIONS

Facial palsy in lymphocytic meningoradiculitis (Bannwarth's syndrome). Bomholt A. **Arch Otolaryngol** 1984 Nov; 110(11):763-4

[Neuro-orthopedic diseases of the knee joint] Bystrov VV, et al. **Ortop Travmatol Protez** 1985 Feb;(2):29-33 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Herpes simplex and herpes zoster. Nervous system involvement. Tenser RB. **Neurol Clin** 1984 May;2(2):215-40

Bannwarth's syndrome (lymphocytic meningoradiculitis) in Sweden. Ryberg B. **Yale J Biol Med** 1984 Jul-Aug; 57(4):499-503

[Lyme disease in Finland] Kovanen J, et al. **Duodecim** 1985; 101(12):1206-11 (Eng. Abstr.) **(Fin)**

[An unrecognized cause of spinal pain : meningoradiculitis. Apropos of 3 cases with predominant spinal pain] Alcalay M, et al. **Rev Rhum Mal Osteoartic** 1985 Jan;52(1):13-6 (Eng. Abstr.) **(Fre)**

[Meningoradiculitis with initial expression as spinal pain] Kuntz JL, et al. **Rev Rhum Mal Osteoartic** 1985 Feb; 52(2):95-7 **(Fre)**

ETIOLOGY

Enhancement of encephalomyeloradiculitis in mice sensitized with spinal cord tissue and infected with lactate dehydrogenase-elevating virus. Stroop WG, et al. **J Neuroimmunol** 1985 May;8(2-3):79-92

Lymphocytic meningoradiculitis of Bannwarth and erythema migrans disease [letter] Weber K. **J Neurol** 1984; 231(5):281-2

Meningoradiculitis associated with infection by Borrelia burgdorferi [letter] Weill O, et al. **Lancet** 1985 Jun 15; 1(8442):1400-1

The triad of neurologic manifestations of Lyme disease: meningitis, cranial neuritis, and radiculoneuritis. Pachner AR, et al. **Neurology** 1985 Jan;35(1):47-53

[Bannwarth's syndrome—a spirochetal cause of meningoradiculitis] Marttila R, et al. **Duodecim** 1985; 101(12):1191-7 (Eng. Abstr.) **(Fin)**

METABOLISM

[Inositol in the cerebrospinal fluid, plasma and erythrocytes in spinal pain syndromes] Maciejek Z, et al. **Neurol Neurochir Pol** 1984 Mar-Apr;18(2):125-30 (Eng. Abstr.) **(Pol)**

MICROBIOLOGY

The spirochetal etiology of lymphocytic meningoradiculitis of Bannwarth (Bannwarth's syndrome). Pfister HW, et al. **J Neurol** 1984;231(3):141-4

RADIOGRAPHY

[Side effects of Dimer X used in radiculography] Olbrych-Karpińska B, et al. **Wiad Lek** 1984 Sep 15; 37(18):1462-4 (Eng. Abstr.) **(Pol)**

THERAPY

[Laser therapy of peripheral nerve diseases] Durinian RA, et al. **Sov Med** 1984;(8):100-4 **(Rus)**

[Changes in manifestations of chronic pain and vegetovascular dystonic syndromes in diseases of the peripheral nervous system after complex sanatorium-health resort treatment] Miashka VA, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan-Feb;(1):44-7 (Eng. Abstr.) **(Rus)**

[Function of the central nervous system in patients with lesions of the peripheral nervous system during complex sanatorium-health resort treatment. II] Miashka VA, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar-Apr; (2):23-6 (Eng. Abstr.) **(Rus)**

[Electroneuromyographic evaluation of the efficacy of vibrotraction treatment of patients with vertebrogenic lumbosacral radiculitis] Vel'khover ES, et al. **Zh Nevropatol Psikhiatr** 1985;85(3):354-9 (Eng. Abstr.) **(Rus)**

RADIO

Indwelling rumino-reticulum bolus radio beacon. Kath GS, et al. **Am J Vet Res** 1985 Jan;46(1):136-7

Amateur radio operators and exposure to polychlorinated biphenyls. Stehr PA, et al. **Arch Environ Health** 1985 Jan-Feb;40(1):18-9

Getting messages on the air: findings from the 1982 Alcohol Abuse Prevention Campaign. Maloney SK, et al. **Health Educ Q** 1984 Fall;11(3):273-92

Analysis of environmental pollution by radiofrequency radiation from teleradiocommunication devices. Tofani S, et al. **Health Phys** 1985 Apr;48(4):475-84

Microwave cataract in radio-linemen [letter] **Lancet** 1984 Sep 29;2(8405):760

Leukemia mortality in amateur radio operators [letter] Coleman M. **Lancet** 1985 Jul 13;2(8446):106-7

Leukaemia risk in amateur radio operators [letter] Wangler RB, et al. **Lancet** 1985 Jun 29;1(8444):1516

INSTRUMENTATION

Bacterial flora of airline headset devices. Brook I. **Am J Otolaryngol** 1985 Mar-Apr;6(2):111-4

Noise-induced hearing loss and portable radios with headphones. Catalano PJ, et al. **Int J Pediatr Otorhinolaryngol** 1985 Jun;9(1):59-67

STANDARDS

[Hygienic standards for the electromagnetic fields of radio-locating systems] Dumanskiĭ IuD, et al. **Gig Sanit** 1984 Sep;(9):37-40 (Eng. Abstr.) **(Rus)**

RADIO-HIPPURAN see **IODOHIPPURIC ACID**

RADIO WAVES

mHz, not Hz (in the interest of science) [letter] **Am J Clin Pathol** 1985 Aug;84(2):257

Comparison of rewarming by radio wave regional hyperthermia and warm humidified inhalation. White JD, et al. **Aviat Space Environ Med** 1984 Dec;55(12):1103-6

Formulas for preparing phantom muscle tissue at various radiofrequencies. Chou CK, et al. **Bioelectromagnetics** 1984; 5(4):435-41

Energy deposition in a model of man in the near field. Stuchly SS, et al. **Bioelectromagnetics** 1985;6(2):115-29

Focal heating of V-2 tumors with a hybrid radiofrequency applicator. Boddie AW Jr, et al. **Cancer** 1985 Mar 15; 55(6):1172-7

Radiofrequency hyperthermia as adjuvant therapy following surgical resection of an experimental malignant neoplasm. Dalfen R, et al. **Cancer** 1985 Jun 1;55(11):2737-40

Further experience with regional radiofrequency hyperthermia and cytotoxic chemotherapy for unresectable hepatic neoplasia. Moffat FL, et al. **Cancer** 1985 Mar 15; 55(6):1291-5

Magnetic-induction hyperthermia. Results of a 5-year multi-institutional national cooperative trial in advanced cancer patients. Storm FK, et al. **Cancer** 1985 Jun 1; 55(11):2677-87

Analysis of environmental pollution by radiofrequency radiation from teleradiocommunication devices. Tofani S, et al. **Health Phys** 1985 Apr;48(4):475-84

The assessment of unwanted radiation around diathermy RF capacitive applicators. Tofani S, et al. **Health Phys** 1984 Aug;47(2):235-41

Impedence method for calculation of power deposition patterns in magnetically induced hyperthermia. Gandhi OP, et al. **IEEE Trans Biomed Eng** 1984 Oct;31(10):644-51

Better simple models of human radiofrequency absorption rates for E-polarization at quasi-static frequencies. Hill DA. **J Microwave Power** 1985;20(1):17-29

Continuous recording instrument for RF-exposure measurements in FM/TV broadcasting towers. Jokela K, et al. **J Microwave Power** 1984 Sep;19(3):159-72

Simple RF matching circuit for conversion of electrosurgical units or laboratory amplifiers to hyperthermia treatment devices. Stauffer PR. **Med Instrum** 1984 Nov-Dec; 18(6):326-8

Further observations on tissue heating patterns using an invasive ground probe with radiofrequency hyperthermia system. Yamanashi WS, et al. **Med Instrum** 1984 Jul-Aug; 18(4):220-3

Comparison of laser and radiofrequency dorsal root entry zone lesions in cats. Levy WJ, et al. **Neurosurgery** 1985 Mar;16(3):327-30

Coaxial radio frequency (RF) diathermy in anterior segment surgery. Savage JA, et al. **Ophthalmic Surg** 1985 May; 16(5):333-6

The radiolytic reduction of the Schiff base in bacteriorhodopsin. Druckmann S, et al. **Photochem Photobiol** 1984 Nov;40(5):647-51

Hyperthermia dough: a fat and bone equivalent phantom to test microwave/radiofrequency hyperthermia heating systems. Lagendijk JJ, et al. **Phys Med Biol** 1985 Jul; 30(7):709-12

A new method of SAR determination in animals exposed to microwave/radiofrequency radiation (MW/RFR). Heinmets F, et al. **Physiol Chem Phys Med NMR** 1984; 16(1):57-70

Effects of protracted exposure to low intensity radio frequency fields on CHO cells in culture. Mild KH, et al. **Physiol Chem Phys Med NMR** 1985;17(1):61-9

[Nuclear magnetic resonance in medicine. Radiospectrometry] Brodziak A. **Pol Tyg Lek** 1984 Jun 4;39(23):797-801 (23 ref.) **(Pol)**

[A mechanism of changes in the electrophoretic motility of erythrocytes after UHF-irradiation] Sigal VL, et al. **Biofizika** 1984 Sep-Oct;29(5):852-6 (Eng. Abstr.) **(Rus)**

[Interpretation of the mechanism of changes in electrophoretic motility after exposure to physical fields in a solid liquid mosaic model of the erythrocyte] Sigal VL, et al. **Biofizika** 1984 Nov-Dec;29(6):974-6 (Eng. Abstr.) **(Rus)**

[Change in immunity indices in patients with nonspecific aorto-arteritis as affected by RF-therapy] Kniazeva TA, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May-Jun; (3):6-8 **(Rus)**

ADVERSE EFFECTS

Exposure of radio officers to radio frequency radiation on Danish merchant ships. Skotte J. **Am Ind Hyg Assoc J** 1984 Dec;45(12):791-5

Increased susceptibility to radiofrequency radiation due to pharmacological agents. Jauchem JR, et al. **Aviat Space Environ Med** 1984 Nov;55(11):1036-40

Effects of ELF (1-120 Hz) and modulated (50 Hz) RF fields on the efflux of calcium ions from brain tissue in vitro. Blackman CF, et al. **Bioelectromagnetics** 1985;6(1):1-11

Viability and phagocytosis of neutrophils exposed in vitro to 100-MHz radiofrequency radiation. Cleary SF, et al. **Bioelectromagnetics** 1985;6(1):53-60

Further studies of human whole-body radiofrequency absorption rates. Hill DA. **Bioelectromagnetics** 1985; 6(1):33-40

The differential effects of 200, 591, and 2,450 MHz radiation on rat brain energy metabolism. Sanders AP, et al. **Bioelectromagnetics** 1984;5(4):419-33

Calorimetric measurements of the effect of 330-MHz radiofrequency radiation on human erythrocyte ghosts. Shnyrov VL, et al. **Bioelectromagnetics** 1984;5(4):411-8

Exposure of human models in the near and far field--a comparison. Stuchly MA, et al. **IEEE Trans Biomed Eng** 1985 Aug;32(8):609-16

Can microwave/radiofrequency radiation (RFR) burns be distinguished from conventional burns? Budd RA. **J Microwave Power** 1985;20(1):9-11

'Silent keys': leukaemia deaths [letter] **Lancet** 1985 May 11; 1(8437):1095-6

Radio-frequency interference in cochlear implants [letter] Hepfner ST, et al. **N Engl J Med** 1985 Aug 8;313(6):387

Hyperthermia in radiofrequency-exposed rhesus monkeys: a comparison of frequency and orientation effects. Lotz WG. **Radiat Res** 1985 Apr;102(1):59-70

Effects of 20-MHz radiofrequency radiation on rat hematology, splenic function, and serum chemistry. Wong LS, et al. **Radiat Res** 1985 Aug;103(2):186-95

[Effect of microwave radiation on the hematopoietic and immunologic systems. I. Microwave generators, occupational exposure and the mechanism of biological action] Lisiewicz J, et al. **Przegl Lek** 1984;41(12):717-21 (18 ref.) **(Pol)**

[Hygienic standardization of intermittent-pulse electromagnetic energy of ultrahigh (2750 MHz) frequency in the environment] Shandala MG, et al. **Gig Sanit** 1985 Apr;(4):26-9 **(Rus)**

THERAPEUTIC USE

Percutaneous radiofrequency Gasserian ganglion coagulation in the treatment of trigeminal neuralgia. Spincemaille GH, et al. **Clin Neurol Neurosurg** 1985;87(2):91-4

RADIOACTIVE FALLOUT

Comment on 'Forecasting radiation exposure from fallout' [letter] Evdokimoff VN. **Health Phys** 1985 Apr;48(4):510-3

[Internal contamination with radionuclides and methods of therapy] Kargačin B. **Arh Hig Rada Toksikol** 1984 Jun; 35(2):199-225 (198 ref.) (Eng. Abstr.) **(Scr)**

ADVERSE EFFECTS

Chromosome analysis of bone marrow fibroblast colony-forming cells (CFU-F) in heavily exposed atomic bomb survivors. Shigeta C, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):659-62

NRC finds few risks for atomic vets [news] Smith RJ. **Science** 1985 Jun 21;228(4706):1409

[Ionizing radiations from nuclear weapons] Lote K. **Tidsskr Nor Laegeforen** 1984 Aug 20;104(23):1554-8 (Eng. Abstr.) **(Nor)**

[Long-term effects of nuclear war] Erlich PR, et al. **Pol Tyg Lek** 1984 Oct 29;39(44):1467-70 **(Pol)**

ANALYSIS

Use of tree bark to monitor radionuclide pollution. Brownridge JD. **Bull Environ Contam Toxicol** 1985 Aug; 35(2):193-201

A comparison of radionuclide concentrations in 1956 and 1973 Enewetak beach material. Cohen N, et al. **Health Phys** 1985 Feb;48(2):228-30

An estimate of 237Np production during atmospheric testing. Efurd DW, et al. **Health Phys** 1984 Nov;47(5):786-7

Deposition of excess amount of natural U from the atmosphere. Essien IO, et al. **Health Phys** 1985 Mar; 48(3):325-31

Measurement of 210Pb atmospheric flux in the Pacific Northwest. Nevissi AE. **Health Phys** 1985 Feb;48(2):169-74

Plutonium fallout at Fayetteville, AR. Sandoval DN, et al. **Health Phys** 1985 Sep;49(3):503-8

Radiological impact of fallout 99Tc in Seville, 1965-1967. García-León M, et al. **Int J Appl Radiat Isot** 1985 Feb; 36(2):129-31

Redistribution of fallout radionuclides in Enewetak Atoll lagoon sediments by callianassid bioturbation. McMurtry GM, et al. **Nature** 1985 Feb 21-27;313(6004):674-7

[Radioactive nuclides in the marine environment--distribution and behaviour of 95Zr, 95Nb originated from fallout] Yamato A, et al. **Radioisotopes** 1984 Jul;33(7):449-55 (Eng. Abstr.) **(Jpn)**

[Method of determining the gamma-radiation exposure dose in areas of tropospheric fission-product fallout] Prokof'ev ON. **Gig Sanit** 1984 Sep;(9):58-9 **(Rus)**

RADIOACTIVE POLLUTANTS

Regulatory consideration in radiation protection. Mills WA. **Health Phys** 1985 May;48(5):701-4

Health impact of radioactive debris from the satellite Cosmos 954. Tracy BL, et al. **Health Phys** 1984 Aug;47(2):225-33

[Radioactive materials in the environment--the need for minimizing their presence and standards for their limitation] Gans I, et al. **Schriftenr Ver Wasser Boden Lufthyg** 1985; 63:7-16 **(Ger)**

[Safety mechanism against earthquakes for gamma radiography apparatus] Irie T, et al. **Radioisotopes** 1985 Apr;34(4):222-5 **(Jpn)**

[Penetration of radioactive dust through the skin] Pejušković B. **Vojnosanit Pregl** 1985 May-Jun;42(3):186-8 (Eng. Abstr.) **(Scr)**

ADVERSE EFFECTS

A 37-year medical follow-up of Manhattan Project Pu workers. Voelz GL, et al. **Health Phys** 1985 Mar; 48(3):249-59

[Medical and health problems raised by nuclear poisons] Jammet H. **Bull Acad Natl Med (Paris)** 1984 Jan-Feb; 168(1-2):120-3 (Eng. Abstr.) **(Fre)**

[Current problems of the carcinogenic effect of small doses of radiation] Vasilenko IIa, et al. **Vopr Onkol** 1985; 31(4):3-11 (32 ref.) **(Rus)**

ANALYSIS

Environmental and health effects of the nuclear industry and nuclear weapons: a current evaluation. Johnson CJ. **Ecol Dis** 1982;1(2-3):135-52 (69 ref.)

Nuclear fuel-cycle radionuclides in raptor castings: implications for environmental monitoring. Cadwell LL, et al. **Health Phys** 1984 Nov;47(5):723-8

Comparison of environmental radiation dosimetry and gamma-ray spectroscopy. Jackson WM, et al. **Health Phys** 1985 Jun;48(6):747-56

The radiological impact of mining in a Th-rich Norwegian area. Stranden E. **Health Phys** 1985 Apr;48(4):415-20

Radiocontamination in medical centers from diagnostic nuclear medicine procedures. Wiatrowski WA, et al. **Health Phys** 1984 Aug;47(2):297-8

Discharges from Sellafield [letter] Jones RR. **Lancet** 1984 Sep 29;2(8405):744

Pre-operational environmental survey at the uranium mine and mill site, Poços de Caldas, Minas Gerais, Brazil. Amaral EC, et al. **Sci Total Environ** 1985 Apr;42(3):257-66

[The use of thermoluminescent dosimetry systems in individual dosimetry and environmental monitoring] Burgkhardt B. **Strahlentherapie** 1985 Feb;161(2):84-5 (Eng. Abstr.) **(Ger)**

[Efficiency of tritium enrichment by electrolytic cell with multi-nickel-plates electrode and its application to the determination of tritium in environmental water] Kondo Y, et al. **Radioisotopes** 1984 Jun;33(6):357-62 (Eng. Abstr.) **(Jpn)**

[Radioactive and stable cobalt concentrations in mussel in Kyushu islands, Japan] Momoshima N, et al. **Radioisotopes** 1985 May;34(5):257-61 (Eng. Abstr.) **(Jpn)**

[Low level alpha activity measurements with pulse shape discrimination--application to the determination of alpha-nuclides in environmental samples] Satoh K, et al. **Radioisotopes** 1984 Dec;33(12):841-6 (Eng. Abstr.) **(Jpn)**

[Leakage of radioactive iodine from the contaminated floor of a radioiodination room] Tanaka Y, et al. **Radioisotopes** 1984 Oct;33(10):721-4 **(Jpn)**

METABOLISM

The relationship between tritiated water activities in air, vegetation and soil under steady-state conditions. Murphy CE Jr. **Health Phys** 1984 Oct;47(4):635-9

RADIOACTIVE TRACERS see under **RADIOISOTOPES**

RADIOACTIVE WASTE

Immobilization and geological disposal of nuclear fuel waste. Tait JC. **Can J Physiol Pharmacol** 1984 Aug;62(8):979-85

B. L. Cohen's probabilities for human intake and implications for nuclear waste disposal [letter] Brodsky A. **Health Phys** 1985 Aug;49(2):321-4

A low-cost tritiated water solar evaporator. Couch JG, et al. **Health Phys** 1985 Jan;48(1):117-9

Radionuclide concentrations in mule deer with reference to waste-management ponds on the Hanford Site. Eberhardt LE, et al. **Health Phys** 1984 Nov;47(5):753-9

Distribution of gamma exposure rates in a reactor effluent stream flood plain system. Gladden JB, et al. **Health Phys** 1985 Jan;48(1):49-59

A rapid, economical technique for removing radioactivity from receptor binding assay aqueous wastes. Hancock AA. **Health Phys** 1984 Oct;47(4):640-1

A field experiment on Rn flux from reclaimed uranium mill tailings. Hinton TG, et al. **Health Phys** 1985 Apr; 48(4):421-7

Uptake of 244Cm, 238Pu and other radionuclides by trees inhabiting a contaminated flood plain. Pinder JE 3d, et al. **Health Phys** 1984 Sep;47(3):375-84

Radionuclide partitioning coefficients in soils and plants and their correlation. Sheppard MI. **Health Phys** 1985 Jul;

49(1):106–11

Deep-ocean radioactive waste disposal [letter] Webb GA. **Health Phys** 1984 Sep;47(3):491–3

Disposal of laboratory-generated liquid radioactive waste [letter] Zelac RE. **Health Phys** 1985 Aug;49(2):324

Nuclear waste. EPA regulates at last [news] Beardsley T. **Nature** 1985 Aug 29–Sep 4;316(6031):757

[The practice of nuclear medicine in Italy and radioactive wastes] Frullani S. **Ann Ist Super Sanita** 1983; 19(2–3):397–403 (Eng. Abstr.) **(Ita)**

[Leakage of gaseous 125I from a Na125I solution through a plastic film] Tanaka Y. **Radioisotopes** 1984 Sep; 33(9):629–31 (Eng. Abstr.) **(Jpn)**

[Individual doses of radiation of personnel at a radioactive waste disposal center] Erkin VG, et al. **Gig Sanit** 1984 Jul; (7):86–7 **(Rus)**

ADVERSE EFFECTS

Biotic transport of radionuclides from a low-level radioactive waste site. Kennedy WE Jr, et al. **Health Phys** 1985 Jul; 49(1):11–24

ANALYSIS

Comparison of radiological risks from coal burning and nuclear power. Cohen BL. **Health Phys** 1985 Mar; 48(3):342–3

PREVENTION & CONTROL

Nuclear medicine: how medicine is handling its own hazardous wastes. Olsen J. **Ohio State Med J** 1985 Mar; 81(3):175, 177, 179 passim

[Disposition of radioactive organic liquid waste by incineration--pretreatment for incineration by demulsification] Kimura S, et al. **Radioisotopes** 1984 Nov; 33(11):808–11 **(Jpn)**

[Incineration system for the disposal of 125I-radioimmunoassay test tube wastes--confirmation of 125I decay in wastes] Naba K, et al. **Radioisotopes** 1985 Jan;34(1):15–22 (Eng. Abstr.) **(Jpn)**

RADIOACTIVITY

[Results of measuring superweak spontaneous radiation of benign and malignant tumors in the ORL area] Navrátil J. **Cesk Otolaryngol** 1984 Sep;33(5):273–80 (Eng. Abstr.) **(Cze)**

RADIOALLERGOSORBENT TEST see under **RADIOIMMUNOASSAY**

RADIOAUTOGRAPHY see **AUTORADIOGRAPHY**

RADIOBIOLOGY

see related
NUCLEAR MEDICINE

Application of the Monte Carlo technique to the study of radiation transport in a prompt gama in vivo neutron activation system. Chan AA, et al. **Australas Phys Eng Sci Med** 1985 Jan–Mar;8(1):22–31

Recent developments in fundamental radiobiology. Epp ER. **Cancer** 1968 Oct;22(4):802–8 (24 ref.)

Electronic excitations in condensed biological matter. Bednář J. **Int J Radiat Biol** 1985 Aug;48(2):147–66 (54 ref.)

EDUCATION

Education and training in radiobiology in the United States and Canada. A report of the Education and Training Committee (1978) Radiation Research Society. Mossman KL, et al. **Radiobiol Radiother (Berl)** 1984;25(4):630–5

STANDARDS

Protocol for X-ray dosimetry and exposure arrangements employed in studies of late somatic effects in mammals. Zoetelief J, et al. **Int J Radiat Biol** 1985 Jan;47(1):81–102

TRENDS

Radiation biology. Hall EJ. **Cancer** 1985 May 1;55(9 Suppl):2051–7

RADIOCHEMISTRY

Association for Radiation Research. Abstracts of papers. Newcastle upon Tyne, 18–20 December 1984. **Int J Radiat Biol** 1985 Feb;47(2):219–29

On the stochastic treatment of fast chemical reactions. Zaider M, et al. **Radiat Res** 1984 Nov;100(2):245–56

METHODS

Deoxyribose 1-phosphate: radioenzymatic and spectrophotometric assays. Ipata PL, et al. **J Biochem Biophys Methods** 1984 Sep;9(4):343–50

A radiochemical method for determination of ethanol oxidation. Mason S, et al. **J Biochem Biophys Methods** 1984 Sep;9(4):315–21

RADIOCINEMATOGRAPHY see **CINERADIOGRAPHY**

RADIODERMATITIS

COMPLICATIONS

Angiomatoid malignant fibrous histiocytoma associated with marked bleeding arising in chronic radiodermatitis. Yamamoto Y, et al. **Arch Dermatol** 1985 Feb;121(2):275–6

PATHOLOGY

Late sequelae of superficial irradiation. Hood IC, et al. **Head Neck Surg** 1984 Oct;7(1):65–72 (103 ref.)

SURGERY

Chronic radiodermatitis with dystrophic calcification treated with Mohs surgery. Stoner JG, et al. **J Dermatol Surg Oncol** 1985 Feb;11(2):160–2

[Surgical therapy of late x-ray-induced skin lesions] Salfeld K, et al. **Z Hautkr** 1985 Mar 1;60(5):438–52 (Eng. Abstr.) **(Ger)**

RADIOGRAPHIC FILM see **X-RAY FILM**

RADIOGRAPHIC IMAGE ENHANCEMENT

Attenuation of radionuclide activity by metal-cup arthroplasties. Rosenthall L, et al. **AJR** 1985 Apr; 144(4):837–41

Bone mineral density in the femoral neck: quantitative assessment using dual-energy projection radiography. Sartoris DJ, et al. **AJR** 1985 Mar;144(3):605–11

Value of image enhancement and injection of contrast medium for right ventricular volume determination by two-dimensional echocardiography in congenital heart disease. Lange PE, et al. **Am J Cardiol** 1985 Jan 1; 55(1):152–7

Sensitivity, resolution and contrast of film-screen combinations. Paix D, et al. **Australas Radiol** 1985 Feb; 29(1):71–3

A decade or more of cranial and caudal angled projections in coronary arteriography--another look. Aldridge HE. **Cathet Cardiovasc Diagn** 1984;10(6):539–42

Quantitative and qualitative evaluation of geometric deconvolution of distortion in limited-view computed tomography. Soble P, et al. **IEEE Trans Biomed Eng** 1985 May;32(5):330–5

Radiation dose reduction in the neonatal intensive care unit. Comparison of three gadolinium oxysulfide screen-film combinations. Smathers RL, et al. **Invest Radiol** 1984 Nov–Dec;19(6):578–82

Analysis of variations in contrast-detail experiments. Cohen G, et al. **Med Phys** 1984 Jul–Aug;11(4):469–73

Digital processing of high-energy photon beam images. Meertens H. **Med Phys** 1985 Jan–Feb;12(1):111–3

Signal-to-noise properties of mammographic film-screen systems. Nishikawa RM, et al. **Med Phys** 1985 Jan–Feb; 12(1):32–9

Removal of image intensifier veiling glare by mathematical deconvolution techniques. Seibert JA, et al. **Med Phys** 1985 May–Jun;12(3):281–8

Experience with a 36 cm image intensifier system in neuroradiological examinations. Hindmarsh T, et al. **Neuroradiology** 1984;26(6):503–9

Densitometric evaluation of Soludent and GBX developers. Patel JR. **Oral Surg Oral Med Oral Pathol** 1985 Jan; 59(1):107–9

Sensitometric evaluation of rare earth intensifying screen systems. Thunthy KH, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):102–6

Noise transfer in screen-film subtraction radiography. Shaw A, et al. **Phys Med Biol** 1985 Mar;30(3):229–38

Ultra-high-strip-density radiographic grids: a new antiscatter technique for mammography. Chan HP, et al. **Radiology** 1985 Mar;154(3):807–15

CT contrast enhancement on brain scans and blood-CSF barrier disturbances in cerebral ischemic infarction. Hornig CR, et al. **Stroke** 1985 Mar–Apr;16(2):268–73

Quality improvement of radiographs. de Rhoter W. **Trop Doct** 1985 Apr;15(2):72–82

[Film-screen combinations for x-ray diagnosis--present and future applications] Liess G, et al. **Radiol Diagn (Berl)** 1985; 26(3):427–32 (Eng. Abstr.) **(Ger)**

[Simultaneous tomography using higher-sensitivity screens] Maurer HJ, et al. **ROFO** 1985 Feb;142(2):215–7 (Eng. Abstr.) **(Ger)**

[Use of an improved simultaneous film cassette in linear tomography] Egender G, et al. **Rontgenblatter** 1984 Dec; 37(12):403–8 (Eng. Abstr.) **(Ger)**

[Modification of the quality of the roentgen image by screen and film--experimental studies] Maurer HJ, et al. **Rontgenblatter** 1985 Feb;38(2):54–7 **(Ger)**

[Wiener spectra of roentgen film-screen combinations] Mirandé W, et al. **Rontgenblatter** 1985 Mar;38(3):81–4 (Eng. Abstr.) **(Ger)**

[A gamma-ray sensitometer for film-screen combinations in diagnostic radiology] Nowotny R, et al. **Rontgenblatter** 1985 Apr;38(4):117–20 (Eng. Abstr.) **(Ger)**

[Characteristics of x-ray intensifying screens for mammography] Gorelik FG, et al. **Med Tekh** 1985 Jan–Feb;(1):48–51 **(Rus)**

[Dependence of the sensitivity of combined intensifying film-screens on the voltage in X-ray tubes] Gurvich AM, et al. **Med Tekh** 1984 Jul–Aug;(4):14–9 (Eng. Abstr.) **(Rus)**

[Roentgen diagnostic complex for pediatrics with x-ray intensifying screens] Voronina EA, et al. **Med Tekh** 1985 Jan–Feb;(1):54–6 **(Rus)**

[Comparative properties of various intensifying screens in pediatric practice] Belov SA, et al. **Vestn Rentgenol Radiol** 1984 Sep–Oct;(5):87–9 (Eng. Abstr.) **(Rus)**

[Use of highly effective intensifying barium fluorochloride screens] Miagkova MG, et al. **Vestn Rentgenol Radiol** 1984 Sep–Oct;(5):84–7 (Eng. Abstr.) **(Rus)**

INSTRUMENTATION

Biplane multidirectional angiocardiography: exact orthogonal positioning of the X-ray systems (laterally mounted C-arm–L-arm–systems). Wollschläger H, et al. **Biomed Tech (Berlin)** 1984 Oct;29(10):261–6

The use of a grid for dental radiography. Baird D. **Br Dent J** 1984 Aug 25;157(4):122

Assessment of screen/film combinations for cephalometric radiography. McNicol A, et al. **Br J Orthod** 1985 Jul; 12(3):117–21

A xenon ionization detector for scanned projection radiography: Xenon/Freon 13B1 comparison. Drost DJ, et al. **Med Phys** 1984 Sep–Oct;11(5):610–7

A xenon ionization detector for scanned projection radiography: 95-channel prototype evaluation. Drost DJ, et al. **Med Phys** 1984 Sep–Oct;11(5):602–9

Dual-film cassette technique for studying the effect of radiographic image quality on diagnostic accuracy. Higashida Y, et al. **Med Phys** 1984 Sep–Oct;11(5):646–52

Detective quantum efficiency of x-ray image intensifiers: comparison of scintillation spectrum and rms methods. Rowlands JA, et al. **Med Phys** 1984 Sep–Oct;11(5):597–601

Experience with a 36 cm image intensifier system in neuroradiological examinations. Hindmarsh T, et al. **Neuroradiology** 1984;26(6):503–9

An evaluation of rare-earth imaging systems in panoramic radiography. Gratt BM, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct;58(4):475–82

Response of x-ray intensifying screens to scattered and primary radiation. Koedooder K, et al. **Phys Med Biol** 1984 Oct;29(10):1237–48

A digital image processing system for high energy X-ray portal images. Leong J. **Phys Med Biol** 1984 Dec; 29(12):1527–35

On the relationship of image intensifier contrast ratios measured by two techniques. Nalcioglu O, et al. **Phys Med Biol** 1984 Oct;29(10):1231–6

Detector for dual-energy digital radiography. Barnes GT, et al. **Radiology** 1985 Aug;156(2):537–40

[A system for improving the quality of the image in knee arthrography] Coutté A, et al. **J Radiol** 1985 Apr; 66(4):327–8 (Eng. Abstr.) **(Fre)**

[Possibilities and limits of digital imaging] Gudden F. **Rontgenblatter** 1984 Dec;37(12):429–32 (Eng. Abstr.) **(Ger)**

[Results of transvenous digital subtraction angiography with a 57 cm image intensifier in circulatory disorders of the lower extremities] Prager P, et al. **Rontgenblatter** 1985 May; 38(5):168–72 (Eng. Abstr.) **(Ger)**

[Dose output at an image intensifier with peak value- or mean value-control] Bronder T. **Strahlentherapie** 1985 Jan; 161(1):56–60 (Eng. Abstr.) **(Ger)**

[Determination of early changes in the rheumatoid hand with an electronic color analyser] Potočki-Ranilović K, et al. **Z Rheumatol** 1984 Sep–Oct;43(5):275–7 (Eng. Abstr.) **(Ger)**

[Symposium: Progress in the field of equipment and accessories for radiology] **Radiol Med (Torino)** 1984 Apr; 70(4 Suppl 1):45–66 **(Ita)**

[X-ray intensifying screens: their effect on the quality of the image and the degree of irradiation] Tombak MI, et al. **Vestn Rentgenol Radiol** 1984 Sep–Oct;(5):80–4 (Eng. Abstr.) **(Rus)**

METHODS

Digital image processing of cephalometric radiographs: a preliminary report. Jackson PH, et al. **Br J Orthod** 1985 Jul;12(3):122–32

Computer-assisted categorization of brain computerized tomography pixels into cerebrospinal fluid, white matter, and gray matter. DeLeo JM, et al. **Comput Biomed Res** 1985 Feb;18(1):79–88

An image processing system for digital chest X-ray images. Cocklin M, et al. **Comput Programs Biomed** 1984;19(1):3–11

Comments on Geometric deconvolution: a meta-algorithm for limited view computed tomography. Bamler R. **IEEE Trans Biomed Eng** 1985 Mar;32(3):241–4

Toward quantitative characterization of the caudate nucleus through CT image enhancement. Stein RA, et al. **J Comput Assist Tomogr** 1985 Jul–Aug;9(4):708–14

Selective plane removal in limited angle tomographic imaging. Ghosh Roy DN, et al. **Med Phys** 1985 Jan–Feb; 12(1):65–70

Single-contrast or double-contrast barium enema: a historical and philosophical perspective. Dreyfuss JR, et al. **Mt Sinai J Med (NY)** 1984 Jul–Aug;51(4):461–4

Single-contrast and double-contrast radiography in the detection of gastritis. Thoeni RF. **Mt Sinai J Med (NY)** 1984 Jul–Aug;51(4):408–16

Three-dimensional imaging and display of the temporomandibular joint. Roberts D, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct;58(4):461–74

ROC and contrast detail image evaluation tests compared. Kelsey CA, et al. **Radiology** 1985 Mar;154(3):629–31

Conspicuity and uncertainty in the radiographic detection of lesions. Revesz G. **Radiology** 1985 Mar;154(3):625–8

[Digital radiography––methods and clinical application] Schuler M, et al. **Digitale Bilddiagn** 1985 Mar;5(1):22–39 (45 ref.) (Eng. Abstr.) **(Ger)**

[A new 3-dimensional imaging method in computed tomography] Aichner F, et al. **ROFO** 1985 Apr; 142(4):395–8 (Eng. Abstr.) **(Ger)**

[Modification of the quality of the roentgen image by screen and film—experimental studies] Maurer HJ, et al. **Rontgenblatter** 1985 Feb;38(2):54–7 **(Ger)**

[Supine thoracic images with a mobile roentgen unit: comparison between the soft–ray and hard–ray technics] Prager P, et al. **Rontgenblatter** 1984 Dec;37(12):409–13 (Eng. Abstr.) **(Ger)**

[Direct radiographic magnification (letter)] San Nicolò MR. **Radiol Med (Torino)** 1984 May;70(5):363 **(Ita)**

UTILIZATION

[1 year's experience with a 57–cm image intensifier in a universal roentgen work station] Georgi M, et al. **ROFO** 1985 Mar;142(3):326–32 (Eng. Abstr.) **(Ger)**

RADIOGRAPHIC MAGNIFICATION

[Diagnosis of pituitary microadenoma by magnification carotid angiography and intercavernous sinus venography] Tanabe S, et al. **No Shinkei Geka** 1984 Jun;12(7):815–22 (Eng. Abstr.) **(Jpn)**

INSTRUMENTATION

Plain radiography with a rare–earth screen: comparison with calcium tungstate screen. Picus D, et al. **AJR** 1984 Dec; 143(6):1335–8

Microfocus roentgenographic magnification in dentistry. Parmley RJ, et al. **Oral Surg Oral Med Oral Pathol** 1985 May;59(5):530–4

METHODS

Application of an x–ray image magnifier to the microradiography of dental specimens. Takagi S, et al. **J Dent Res** 1985 Jun;64(6):866–9

Magnification of the endoscope during endoscopic retrograde cholangiography––a reliable standard for exact measurement of bileduct and bilestones. Staritz M, et al. **Z Gastroenterol** 1984 Dec;22(12):697–700

[Contribution to the study of skeletal pathology by direct radiographic magnification with a radiogenic microfocus tube] Gattoni F, et al. **Chir Organi Mov** 1984;69(2):185–92 (Eng. Abstr.) **(Ita)**

[Improvement of image quality in digital fluorography by geometrical magnification] Ikeda M, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jun 25; 44(6):836–43 (Eng. Abstr.) **(Jpn)**

STANDARDS

[Evaluation of image qualities of magnification radiographs of the gallbladder and cerebral blood vessels by information spectra] Kanamori H, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jun 25; 44(6):831–5 (Eng. Abstr.) **(Jpn)**

RADIOGRAPHY

see related
CONTRAST MEDIA
EXTRAVASATION OF DIAGNOSTIC AND THERAPEUTIC MATERIALS

Automated radiographic report generation using barcode technology. Adams HG, et al. **AJR** 1985 Jul;145(1):177–80

The practical value of computer literacy: 1. For the purchase of imaging equipment. Levy JM. **AJR** 1985 Jul; 145(1):181–2

Why do accident and emergency doctors request X–rays? Warren RA, et al. **Arch Emerg Med** 1984 Sep;1(3):143–50

Comment on Braunstein article. Computed tomography and conventional radiographs[letter] Raskin RJ. **Arthritis Rheum** 1984 Dec;27(12):1439–40

The virgin and child, three saints and a donor. A case report. Siddle K, et al. **Australas Radiol** 1984 May;28(2):175–9

Proceedings of the British Institute of Radiology. Forty–second annual congress and scientific exhibition, April 4–6, 1984. Radiodiagnostic and therapeutic procedures: their justification and optimisation. Abstracts. **Br J Radiol** 1984 Nov;57(683):1047–55

Radiology in the developing world. Palmer PE. **Br J Radiol** 1984 Sep;57(682):853–6

Should all casualty radiographs be reviewed? [letter] Duignan N, et al. **Br Med J [Clin Res]** 1985 Jul 13;291(6488):141

Patient attitudes towards radiographic examinations involving contrast media. Allan D, et al. **Clin Radiol** 1984 Nov;35(6):457–9

General meeting of the Netherlands' Society of Diagnostic Radiology. Utrecht, February 25 and April 28, 1984. **Diagn Imag Clin Med** 1985;54(2):96–108

Symposium on emergency department radiology. **Emerg Med Clin North Am** 1985 Aug;3(3):423–640

Energy response of LiF (TLD–100) and CaSO4:Dy TL dosimeters to different diagnostic spectra. Servomaa AJ. **Eur J Radiol** 1985 Aug;5(3):236–9

Estimation of mean organ doses in diagnostic radiology from Rando phantom measurements. Huda W, et al. **Health Phys** 1984 Sep;47(3):463–7

Medical radiodiagnosis and pregnancy: evaluation of options when pregnancy status is uncertain. Mossman KL. **Health Phys** 1985 Mar;48(3):297–301

Sizing up freestanding imaging centers. Goodhart MD. **Hospitals** 1984 Oct 16;58(20):99–101, 104

Why an image? Jaffe CC. **Invest Radiol** 1984 Jul–Aug; 19(4):248–9

On the effects of reader variability in searching films [letter] Swensson RG. **Invest Radiol** 1985 Mar–Apr;20(2):231–3

Symposium on radiology. **Med Clin North Am** 1984 Nov; 68(6):1391–676

Interventional radiology. Barth KH, et al. **Med Clin North Am** 1984 Nov;68(6):1647–76 (56 ref.)

Informed consent [letter] Wilson P. **Med J Aust** 1985 Jun 24;142(13):704–6

Minimum entrance exposure estimates for information recording in diagnostic radiology. Brodie I, et al. **Med Phys** 1985 May–Jun;12(3):362–7

Physical characteristics of scattered radiation in diagnostic radiology: Monte Carlo simulation studies. Chan HP, et al. **Med Phys** 1985 Mar–Apr;12(2):152–65

Performance of antiscatter grids in diagnostic radiology: experimental measurements and Monte Carlo simulation studies. Chan HP, et al. **Med Phys** 1985 Jul–Aug; 12(4):449–54

The effect of anode curvature on radiographic heel effect. Fritz SL, et al. **Med Phys** 1985 Jul–Aug;12(4):443–6

Investigation of basic imaging properties in digital radiography. 3. Effect of pixel size on SNR and threshold contrast. Giger ML, et al. **Med Phys** 1985 Mar–Apr; 12(2):201–8

Investigation of basic imaging properties in digital radiography. 4. Effect of unsharp masking on the detectability of simple patterns. Loo LN, et al. **Med Phys** 1985 Mar–Apr;12(2):209–14

Calculation of the radiological depth. Siddon RL. **Med Phys** 1985 Jan–Feb;12(1):84–7

Attenuation coefficients of body tissues using principal–components analysis. Weaver JB, et al. **Med Phys** 1985 Jan–Feb;12(1):40–5

Medical imaging, vision, and visual psychophysics. Jaffe CC. **Med Radiogr Photogr** 1984;60(1):1–48

Abstracts of the 27th annual meeting of the Society for Pediatric Radiology. Las Vegas, Nevada, 6–8 April 1984. **Pediatr Radiol** 1985;15(1):65–74

Assessment of the energy absorbed by patients during diagnostic radiology examinations by a calorimetric method [letter] Nitzan M, et al. **Phys Med Biol** 1984 Oct; 29(10):1280–2

The measurement of energy imparted to patients during diagnostic x–ray examinations using the Diamentor exposure–area product meter. Shrimpton PC, et al. **Phys Med Biol** 1984 Oct;29(10):1199–208

Storage and retrieval of radiological images using a laser video disk. Inamoto K, et al. **Radiat Med** 1983 Jul–Sep; 1(3):216–20

The 10–day rule [letter] **Radiography** 1984 Sep–Oct; 50(593):231–3

Computer program for diagnostic X–ray exposure conversion. Lewis S. **Radiography** 1984 Nov–Dec; 50(594):266–70

Resolution in diagnostic radiography: how to measure it. Malchair F. **Radiography** 1985 May–Jun;51(597):143

The 10–day rule: a misnomer. Mole RH. **Radiography** 1984 Sep–Oct;50(593):229–30

Software for schools of radiography. Spencer KA. **Radiography** 1985 Jan–Feb;51(595):27

Symposium on digital radiography. **Radiol Clin North Am** 1985 Jun;23(2):175–378

70th Scientific assembly and annual meeting: the Radiological Society of North America. Washington, D.C., November 25–30, 1984. Scientific sessions, refresher courses, works in progress. **Radiology** 1984 Nov;153 Spec No:1–472

Cumulative index 1980–1984, Volumes 134–153. **Radiology** 1984;:1–777

Re: Obtaining informed consent for intravenous contrast–enhanced radiography: pros and cons [letter] Brown RC. **Radiology** 1985 Apr;155(1):256–7

Clinical radiographs of the cadaver as a teaching aid in anatomy. Pantoja E, et al. **Radiology** 1985 Apr;155(1):28

[Rational approach to radiodiagnositic examinations. Thoughts on a publication of the World Health Organization] Klener V. **Cas Lek Cesk** 1985 May 31; 124(22):681–5 (Eng. Abstr.) **(Cze)**

[Calculation of irradiation in radiodiagnosis. Method and surveys] Duvauferrier R, et al. **Ann Radiol (Paris)** 1984 Dec;27(8):675–89 (Eng. Abstr.) **(Fre)**

[National survey of radiodiagnosis. Methodological aspects (1)] Fagnani F, et al. **J Radiol** 1985 Feb;66(2):167–74 (Eng. Abstr.) **(Fre)**

[National survey on radiodiagnosis. Personnel and equipment (2)] Fagnani F, et al. **J Radiol** 1985 Mar;66(3):245–51 (Eng. Abstr.) **(Fre)**

[National survey on radiodiagnosis. Comparative analysis of the activity of different sectors (3)] Fagnani F, et al. **J Radiol** 1985 Apr;66(4):329–36 (Eng. Abstr.) **(Fre)**

[Polarity of the radiological image. Practical applications] Wackenheim A. **J Radiol** 1984 Nov;65(11):781–3 (Eng. Abstr.) **(Fre)**

[Effect of form and content of findings on future systems for computer–based diagnosis] Scheibe J. **Radiol Diagn (Berl)** 1985;26(1):65–72 (Eng. Abstr.) **(Ger)**

[Random sample size in ROC analyses] Steinbach W, et al. **ROFO** 1985 Aug;143(2):227–9 (Eng. Abstr.) **(Ger)**

[Determination of the benefit–risk–cost relation for a scientific basis of the indications for x–ray diagnosis] Liess G, et al. **Z Arztl Fortbild (Jena)** 1985;79(3):101–3 **(Ger)**

[30th national meeting of the Italian Association of Medical Radiology and Nuclear Medicine. Mediterranean meetings on radiology. Milan, 7–12 June 1982] **Radiol Med (Torino)** 1984 Apr;70(4 Suppl 1):1–200 **(Ita)**

[Intercomparison measurements of ionization chambers for diagnostic X–rays. An investigation of the energy dependence of sensitivity by using the monochromatic X–ray radiations] Toyofuku F, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Aug 25; 44(8):1091–100 (Eng. Abstr.) **(Jpn)**

[Diagnostic imaging in emergency medicine. Record of a symposium. Morioka City, 1983] **Rinsho Hoshasen** 1984 Jun;29(6):647–732 **(Jpn)**

[Radiation doses to the population of the Cheliabinsk region due to roentgenodiagnostic examinations] Pochinskiĭ AG, et al. **Gig Sanit** 1984 Oct;(10):62–3 **(Rus)**

[Concept of effective equivalent dose for medical irradiation] Nikitin VV. **Med Radiol (Mosk)** 1985 Mar;30(3):3–9 (Eng. Abstr.) **(Rus)**

[Improvement in a classification information–retrieval language on the topic of medical roentgenology and radiology] Sviridov NK, et al. **Med Radiol (Mosk)** 1985 Aug;30(8):47–51 **(Rus)**

[Radiation protection and new radiodiagnostic methods] Zedgenidze GA, et al. **Med Radiol (Mosk)** 1985 Apr; 30(4):60–6 (0 ref.) **(Rus)**

[Systems for analyzing and describing x–ray pictures] Khomiakov IuS, et al. **Vestn Rentgenol Radiol** 1985 Mar–Apr;(2):70–5 (Eng. Abstr.) **(Rus)**

[6 years of Vestnik Rentgenologii i Radiologii (1978–1983)] Pereslegin IA, et al. **Vestn Rentgenol Radiol** 1985 Mar–Apr; (2):83–7 **(Rus)**

[Local societies of roentgenologists and radiologists and their value in improving roentgenological service to the population of the RFSFR] Pereslegin IA, et al. **Vestn Rentgenol Radiol** 1985 Mar–Apr;(2):87–9 **(Rus)**

[Status and tasks of x–ray services to the rural population of the Ukrainian SSR] Pozmogov AI, et al. **Vestn Rentgenol Radiol** 1984 Jul–Aug;(4):76–8 **(Rus)**

[Roentgenologist or roentgenoendoscopist?] Sapranov BN. **Vestn Rentgenol Radiol** 1985 Mar–Apr;(2):75–6 **(Rus)**

[New technics in diagnostic imaging] Pérez Candela V. **An Esp Pediatr** 1984 Oct 15;21(5):501–2 **(Spa)**

[WHO model for x–ray service is useful under Swedish primary health care] Holm T. **Lakartidningen** 1985 Jan 30; 82(5):304–7 **(Swe)**

ADVERSE EFFECTS

Esophageal perforation during double–contrast esophagram. Rohrmann CA Jr, et al. **AJR** 1985 Aug;145(2):283–4

An estimate of the somatically effective dose from diagnostic radiology in the Netherlands during 1976–1980. Beentjes LB, et al. **Health Phys** 1984 Aug;47(2):299–304

Effects of age, sex and diagnostic X–rays on chromosome damage. Norman A, et al. **Int J Radiat Biol** 1984 Sep; 46(3):317–21

Calculation of patient dose and somatic dose index due to roentgen examinations. Servomaa A, et al. **Med Phys** 1985 Jan–Feb;12(1):1–4

Prenatal X–ray exposure and childhood cancer in twins [letter] **N Engl J Med** 1985 Jun 13;312(24):1574–5

Prenatal x–ray exposure and childhood cancer in twins. Harvey EB, et al. **N Engl J Med** 1985 Feb 28;312(9):541–5

Prenatal x–ray exposure and twins [editorial] MacMahon B. **N Engl J Med** 1985 Feb 28;312(9):576–7

Energy imparted to the patient in diagnostic radiology: calculation of conversion factors for determining the energy imparted from measurements of the air collision kerma integrated over beam area. Alm Carlsson G, et al. **Phys Med Biol** 1984 Nov;29(11):1329–41

Malignancies induced by low dose ionizing radiation: consequences for diagnostic radiology. Matthews IP, et al. **Radiography** 1984 Nov–Dec;50(594):277–80

Use of medical radiographs: extent of variation and associated active bone marrow doses. McNeil BJ, et al. **Radiology** 1985 Jul;156(1):51–6

Complications of arthrography. Newberg AH, et al. **Radiology** 1985 Jun;155(3):605–6

[Radiation risk in roentgen diagnosis] Ewen K, et al. **Radiol Diagn (Berl)** 1984;25(6):805–14 (Eng. Abstr.) **(Ger)**

[Radiation dosage to personnel occupationally exposed to radiation during roentgen diagnosis] Rothe W. **Radiol Diagn (Berl)** 1984;25(4):487–91 (Eng. Abstr.) **(Ger)**

[Methods and results of a representative survey of radiation exposure of the population from roentgen diagnostic procedures] Steuer J, et al. **Radiol Diagn (Berl)** 1984;

25(4):475-85 (Eng. Abstr.) **(Ger)**

[Indications for medical radiation procedures and the possibility of limiting values for radiation exposure of patients] Stopp G. **Radiol Diagn (Berl)** 1984;25(4):451-60 (30 ref.) (Eng. Abstr.) **(Ger)**

[Physical principles of optimization of roentgenologic studies] Lebedev LA, et al. **Med Radiol (Mosk)** 1984 Oct; 29(10):56-60 (Eng. Abstr.) **(Rus)**

ECONOMICS

Building up a budget. Stirland M. **Radiography** 1985 May-Jun;51(597):157-8

Economic aspects of quality assurance. Watkinson SA. **Radiography** 1985 May-Jun;51(597):133-40

[Justification of radiologic (or laboratory) tests. (Possibilities of avoiding diagnostic polypragmatism) (letter)] **Orv Hetil** 1984 Dec 9;125(50):3085-7 **(Hun)**

[Economic analysis of the utilization of radiodiagnostic equipment] Kochetova GP, et al. **Med Radiol (Mosk)** 1984 Oct;29(10):60-4 **(Rus)**

EDUCATION

Experiences gained during training x-ray operators in Greenland. Hegedüs V. **Br J Radiol** 1984 Sep;57(682):856-7

Education, continuing education and more education. Bentley HB. **Radiography** 1985 Mar-Apr;51(596):57-60

The integrated syllabus. Carter PH. **Radiography** 1985 May-Jun;51(597):119-26

Example of educational software adapted for radiography schools. Farrell RJ. **Radiography** 1984 Nov-Dec; 50(594):271-3

Using a computer for school administration. Shillingford C. **Radiography** 1984 Nov-Dec;50(594):257-8

Computer education for radiographers: courses available. Weatherburn GC, et al. **Radiography** 1984 Nov-Dec; 50(594):261-2

We care. Yule A. **Radiography** 1984 Sep-Oct;50(593):195-9

Incorporating general education competencies in the radiography curriculum. Stevens R. **Radiol Technol** 1984 Nov-Dec;56(2):89-94

Stereoscopy without instruments: a training device. Yanai A, et al. **Radiology** 1985 Jun;155(3):826

[Compulsory internship in diagnostic radiology in the 5th year of medicine at the University of Montreal] Saint-Georges G, et al. **Educ Med Salud** 1984;18(3):299-306 (Eng. Abstr.) **(Spa)**

HISTORY

Radiography in the United States Army during World War I. Lauer OG. **Radiol Technol** 1985 Jul-Aug;56(6):400-8

Diagnostic radiology—original publications by South African physicians, 1896-1920 [letter] Lipinski JK. **S Afr Med J** 1985 Jun 22;67(25):999

[Roentgen stereoscopy] Wenz W, et al. **Radiologe** 1985 Jun; 25(6):237-40 **(Ger)**

[The history of roentgen diagnosis in urology] Jantsch M. **Wien Klin Wochenschr** 1984 Sep 14;96(17):637-42 (Eng. Abstr.) **(Ger)**

[Röntgen's hand] Fontanini F. **G Ital Cardiol** 1985 Jan; 15(1):119-20 **(Ita)**

[X rays before and after Röntgen] da Costa HF. **Rev Port Estomatol Cir Maxilofac** 1984 Oct-Dec; 25(4):1051-60 **(Por)**

[History of roentgenodiagnosis at the Moscow Research Roentgenoradiologic Institute (1924-1984)] Vlasov PV. **Vestn Rentgenol Radiol** 1984 Sep-Oct;(5):6-11 **(Rus)**

INSTRUMENTATION

A floppy-tipped wire guide for interventional procedures. Coons HG. **AJR** 1985 Feb;144(2):254

Production of text and graphics slides on a personal computer. Hunter TB, et al. **AJR** 1985 Jun;144(6):1309-12

The Lixiscope portable imaging device: an assessment of its use in the accident and emergency department. Daniels RG, et al. **Arch Emerg Med** 1985 Jun;2(2):100-3

Quality assurance protocols for diagnostic x-ray equipment. Part 1: General radiographic units. Heggie JC, et al. **Australas Phys Eng Sci Med** 1985 Jan-Mar;8(1):32-41

X-ray apparatus specially designed for work in remote areas. Holm T. **Br J Radiol** 1984 Sep;57(682):857-9

A simple device to obtain reliable foot radiographs of ambulatory and non-ambulatory Friedreich's ataxia patients. Billimoria M, et al. **Can J Neurol Sci** 1984 Nov; 11(4 Suppl):574-7

Pattern of scattered exposure from portable radiographs. North D. **Health Phys** 1985 Jul;49(1):92-3

Use of a gadolinium filter on an X-ray contrast examination. Umezaki N, et al. **Kurume Med J** 1984;31(1):15-20

Physical measurements of heavy metal filter performance. Burgess AE. **Med Phys** 1985 Mar-Apr;12(2):225-8

Relative dose efficiencies of antiscatter grids and air gaps in pediatric radiography. McDaniel DL, et al. **Med Phys** 1984 Jul-Aug;11(4):508-12

An inexpensive kVp penetrameter. Netto TG, et al. **Med Phys** 1985 Mar-Apr;12(2):259-60

Grid controlled x-ray tube switching time: implications for rapid exposure control. Plewes DB, et al. **Med Phys** 1984 Sep-Oct;11(5):693-6

Less radiation and better images: a new scoliosis radiography system. Downey EF Jr, et al. **Milit Med** 1984 Sep; 149(9):526-8

Mobile X-ray generators: a review. Evans SA, et al. **Radiography** 1985 Mar-Apr;51(596):89-108

Performance characteristics of X-ray tubes and generators. Harrison RM, et al. **Radiography** 1984 Nov-Dec; 50(594):245-8

The World Health Organization-Basic Radiological System. Palmer PE. **Radiography** 1985 May-Jun;51(597):169-78

The control of phototimers. Pugin JM. **Radiography** 1985 May-Jun;51(597):141-2

A simple idea to save on film for eye radiography. Truelove P. **Radiography** 1984 Sep-Oct;50(593):237

A computerized X-ray dose-monitoring system. Hummel RH, et al. **Radiology** 1985 Jul;156(1):231-4

A uniform focal spot X-ray tube with improved MTF and kW rating. Matsui H, et al. **Radiology** 1985 Jul; 156(1):227-30

X-ray equipment for routine investigations—the WHO Basic Radiological System. Samuel E, et al. **S Afr Med J** 1985 Feb 16;67(7):248-51

Clinical applications of thermoluminescent dosimetry. Lindskoug BA. **Strahlentherapie** 1985 Feb;161(2):91-5

[Problems in the design of an electric source for X-ray machines] Wang ZY. **Chung Hua Fang She Hsueh Tsa Chih** 1984 May;18(2):150-2 **(Chi)**

[Microfilms and capitalization of graphic, radiographic and transparent 16 mm format images] Carpenet P, et al. **Ann Radiol (Paris)** 1985;28(1):80-3 (Eng. Abstr.) **(Fre)**

[Computer technology in radiodiagnosis] Laval-Jeantet M. **J Radiol** 1985 Jan;66(1):3-6 **(Fre)**

[A new protective circuit for roentgen tubes] Beuthan J, et al. **Radiol Diagn (Berl)** 1984;25(5):637-40 (Eng. Abstr.) **(Ger)**

[Improving the value of x-ray pictures using optical filters] Sišov VA, et al. **Radiol Diagn (Berl)** 1985;26(2):299-305 (Eng. Abstr.) **(Ger)**

[Program for calculating diagnostic x-ray spectra] Nowotny R, et al. **ROFO** 1985 Jun;142(6):685-9 (Eng. Abstr.) **(Ger)**

[Procedure for the control of tube voltage in roentgen diagnostics] Ewen K. **Rontgenblatter** 1985 Apr;38(4):113-6 (Eng. Abstr.) **(Ger)**

[Possibilities and limits of digital imaging] Gudden F. **Rontgenblatter** 1984 Dec;37(12):429-32 (Eng. Abstr.) **(Ger)**

[Roentgen diagnostic complex for pediatrics with x-ray intensifying screens] Voronina EA, et al. **Med Tekh** 1985 Jan-Feb;(1):54-6 **(Rus)**

[Shielding the head of children in x-ray studies] Tolmach EU. **Vestn Rentgenol Radiol** 1985 May-Jun;(3):83-4 **(Rus)**

[Use of a photoelectric device for determining the degree of fracture consolidation] Grigorenko GF, et al. **Voen Med Zh** 1984 Sep;(9):48-9 **(Rus)**

METHODS

Radiographic demonstration of a liquid surface bounded by a wet solid surface. Nilson AE. **Acta Radiol [Diagn] (Stockh)** 1985 May-Jun;26(3):337-52

Methodologic considerations in comparing imaging methods. Gelfand DW, et al. **AJR** 1985 Jun;144(6):1117-21

Film salvage using digital processing [letter] Samuel E. **AJR** 1985 Jun;144(6):1316

Digital processing of film radiographs. Sommer FG, et al. **AJR** 1985 Jan;144(1):191-6

Production and processing of digital ionographic X-ray images. Moores BM, et al. **Br J Radiol** 1984 Dec; 57(684):1157-60

Digital radiography. Riederer SJ. **Crit Rev Biomed Eng** 1985; 12(2):163-200 (60 ref.)

X ray film duplication [letter] Reinstein LE. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):1059

Flash X-ray microscopy with a gas jet plasma source. Feder R, et al. **J Microsc** 1984 Sep;135 (Pt 3):347-51

Investigation of basic imaging properties in digital radiography. 2. Noise Wiener spectrum. Giger ML, et al. **Med Phys** 1984 Nov-Dec;11(6):797-805

Interlaced versus progressive readout of television cameras for digital radiographic acquisitions. Seibert JA, et al. **Med Phys** 1984 Sep-Oct;11(5):703-7

New computed radiography using scanning laser stimulated luminescence. Kato H, et al. **Neurosurg Rev** 1985;8(1):53-62

A prototype digital ionographic imaging system. Moores BM, et al. **Phys Med Biol** 1985 Jan;30(1):11-20

Temporomandibular joint arthrography of normal subjects: prevalence of pain with ionic versus nonionic contrast agents. Kaplan P, et al. **Radiology** 1985 Sep;156(3):825-6

Axial rotation and lateral bending in the normal lumbar spine measured by three-dimensional radiography. Pearcy MJ, et al. **Spine** 1984 Sep;9(6):582-7

[Advances in radiation technics] Chen YR. **Chung Hua Fang She Hsueh Tsa Chih** 1984 Aug; 18(3):226-31 **(Chi)**

[Segregation of figural units by the proximity and resemblance of their components] Wackenheim A. **J Radiol** 1984 Jun-Jul;65(6-7):437-41 (Eng. Abstr.) **(Fre)**

[Imaging procedures in medical diagnosis: possibilities and limits] Brennecke R. **Biomed Tech (Berlin)** 1984 Oct; 29(10):242-5 **(Ger)**

[Initial experiences with a new stereo roentgen technic in general radiology] Tenner R, et al. **Radiologe** 1985 Jun; 25(6):241-6 (Eng. Abstr.) **(Ger)**

[Digital imaging in roentgen diagnosis] Höhne KH. **Rontgenpraxis** 1984 Aug;37(8):285-92 **(Ger)**

[Errors in the encoding of x-ray findings] Moilanen A. **Rontgenpraxis** 1985 Apr;38(4):139-40 **(Ger)**

[Contrast radiography: let's make it double-contrast] Fiumicelli A. **Clin Ter** 1985 Apr 30;113(2):145-7 **(Ita)**

[Spatial resolution of digital input images from radiographs—CRT output] Kawahira K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jun 25; 44(6):854-6 (Eng. Abstr.) **(Jpn)**

[Use of photographic methods of correcting contrast on x-ray pictures] Kossovoĭ AL. **Vestn Rentgenol Radiol** 1985 Mar-Apr;(2):67-70 (Eng. Abstr.) **(Rus)**

STANDARDS

Accuracy of radiological diagnosis in the Casualty Department of a children's hospital. Masel JP, et al. **Aust Paediatr J** 1984 Aug;20(3):221-3

A survey of medical radiographic film processing in South Australia. Paix D. **Australas Phys Eng Sci Med** 1984 Oct-Dec;7(4):166-74

Reducing errors in the accident department: a simple method using radiographers. Berman L, et al. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):421-2

Dose reduction and government priorities [editorial] Holloway AF, et al. **J Can Assoc Radiol** 1984 Jun;35(2):106

Dose and quality control (DQC) in diagnostic radiology. Holloway AF, et al. **J Can Assoc Radiol** 1984 Jun; 35(2):149-53

The quality of emergency room radiograph interpretations. McLain PL, et al. **J Fam Pract** 1985 May;20(5):443-8

Radiation dose in diagnostic radiology: Monte Carlo simulation studies. Chan HP, et al. **Med Phys** 1984 Jul-Aug; 11(4):480-90

Effective energy in diagnostic radiology. A critical review. Carlsson GA, et al. **Phys Med Biol** 1984 Aug;29(8):953-8

The use of cadmium telluride detectors for the qualitative analysis of diagnostic x-ray spectra. Di Castro E, et al. **Phys Med Biol** 1984 Sep;29(9):1117-31

Reply to 'Importance of internal noise in models of observer performance' [letter] Loo LD, et al. **Phys Med Biol** 1985 Mar;30(3):267-8

A microprocessor-based system for readout of x-ray penetrameter films. Nieman M, et al. **Phys Med Biol** 1984 Oct;29(10):1249-56

Importance of internal noise in models of observer performance [letter] Warren RC. **Phys Med Biol** 1984 Dec; 29(12):1591-2

Competence to practise. Cattell A. **Radiography** 1985 May-Jun;51(597):159-61

What is a 'good' radiographer? DeCann R. **Radiography** 1985 May-Jun;51(597):127-32

Quality assurance in radiography. The College's contribution. Report from the Quality Assurance Working Party. De La Haye W. **Radiography** 1985 May-Jun;51(597):144

Quality assurance in radiography. Quality assurance in the developing countries. Manjoro JW. **Radiography** 1985 May-Jun;51(597):145

Reject analysis: its role in quality assurance. Watkinson S, et al. **Radiography** 1984 Sep-Oct;50(593):189-94

[Quality assurance in x-ray diagnosis. Criteria—procedure—results] **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:1-190 **(Ger)**

[Quality control of x-ray pictures—results of the Bavarian field study] Bunde E, et al. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:163-75 **(Ger)**

[Quality criteria in the x-ray diagnosis of the bones] Freyschmidt J. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:56-62 **(Ger)**

[Quality criteria in the x-ray diagnosis of the skull] Friedman G. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985;123:50-5 **(Ger)**

[Technical controls with test objects for quality assurance of x-ray diagnostic equipment] Hagemann G. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:138-55 **(Ger)**

[Quality control under conditions of a standardized x-ray photographic technic] Liess G, et al. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:132-7 **(Ger)**

[Quality criteria in computed tomography of the pelvis] Lindner P. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:116-20 **(Ger)**

[Quality control measurements at the Central Institute for Radiodiagnosis] Nowotny R, et al. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:176-9 **(Ger)**

[Picture quality from the physiological and diagnostic point of view] Stender HS. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:76-84 (76 ref.) **(Ger)**

[Review of the magnitudes of the factors influencing the quality of x-ray pictures] Stender HS. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:180-6 **(Ger)**

[Quality assurance in x-ray diagnosis—international guidelines for quality assurance] Stieve FE. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:1-10 (Ger)

[Quality criteria in the x-ray diagnosis of the stomach and the colon] Treichel J. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:30-40 (Ger)

[Determination of indications for selected roentgen studies. Results of a statistical analysis of 11 types of study—over-all view] Angerstein W. **Radiol Diagn (Berl)** 1984;25(4):353-8 (Eng. Abstr.) (Ger)

[Indications for roentgen diagnosis of the colon] Block HG. **Radiol Diagn (Berl)** 1984;25(4):367-76 (Eng. Abstr.) (Ger)

[Theory and practice of the determination of the effectiveness of roentgen examinations--a complex analysis toward decreasing the frequency of requests for roentgen diagnosis. 1. Theoretical principles, concept illustration and examples] Fuchs R, et al. **Radiol Diagn (Berl)** 1984;25(3):225-34 (Eng. Abstr.) (Ger)

[Theory and practice of the determination of the effectiveness of roentgen examinations--a complex analysis toward decreasing the frequency of requests for roentgen diagnosis. 2. Value--data collection--production lists--roentgen referral slips] Fuchs R, et al. **Radiol Diagn (Berl)** 1984; 25(3):235-46 (Eng. Abstr.) (Ger)

[Standards for roentgen tubes for roentgen diagnosis] Führ KP, et al. **Radiol Diagn (Berl)** 1984;25(5):629-35 (Eng. Abstr.) (Ger)

[Indications for roentgen studies of the skull after trauma] Grosch H. **Radiol Diagn (Berl)** 1984;25(4):417-24 (Eng. Abstr.) (Ger)

[Indications for roentgen studies of the cervical spine] Herbst J. **Radiol Diagn (Berl)** 1984;25(4):411-5 (Eng. Abstr.) (Ger)

[Problems of effectiveness in roentgen diagnosis] Herlbauer R. **Radiol Diagn (Berl)** 1984;25(4):359-60 (Ger)

[Scientifically based indications in roentgen diagnosis--cholegraphy] Kröger W. **Radiol Diagn (Berl)** 1984;25(4):377-85 (Eng. Abstr.) (Ger)

[Determination of benefit-cost-risk relations for scientific evaluation of indications for roentgen diagnosis] Liess G. **Radiol Diagn (Berl)** 1984;25(4):339-44 (Eng. Abstr.) (Ger)

[Frequency of roentgen studies during the healing of distal radius and fibula fractures] Schleicher C, et al. **Radiol Diagn (Berl)** 1984;25(4):425-33 (Eng. Abstr.) (Ger)

[Analysis of indications for roentgen studies of the wrist in suspected fracture] Schleicher C. **Radiol Diagn (Berl)** 1984; 25(4):435-9 (Eng. Abstr.) (Ger)

[Roentgen studies in occupational fitness and monitoring examinations and in other preventive examinations] Schmidt G. **Radiol Diagn (Berl)** 1984;25(4):441-6 (Eng. Abstr.) (Ger)

[Indications for the demonstration of the lumbar spine] Schröder H. **Radiol Diagn (Berl)** 1984;25(4):405-10 (Eng. Abstr.) (Ger)

[Quantitative concepts for evaluating the effectiveness of roentgen diagnostic studies--predictive value] Stargardt A, et al. **Radiol Diagn (Berl)** 1984;25(4):345-52 (Eng. Abstr.) (Ger)

[Necessity for roentgen diagnosis in occupational fitness and monitoring studies in the construction industry] Stehle P. **Radiol Diagn (Berl)** 1984;25(4):447-50 (Eng. Abstr.) (Ger)

[Experiences in the testing of standard data on roentgen diagnostic equipment] Klimpel H. **Rontgenblatter** 1985 Apr; 38(4):105-8 (Eng. Abstr.) (Ger)

[Reduction of patient dose with maximum assurance of image quality] Kuhn H. **Rontgenblatter** 1985 Jul;38(7):224-30 (Eng. Abstr.) (Ger)

[Observer performance on radiographic images with various spatial frequency compression--photoprinted images] Nishitani H, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Oct 25; 44(10):1294-7 (Eng. Abstr.) (Jpn)

[Basis for allowable errors in determining doses to patients during roentgenologic examinations] Zherbin EA, et al. **Med Radiol (Mosk)** 1985 Jan;30(1):48-51 (Eng. Abstr.) (Rus)

[Measurement of the radiation characteristics of roentgen diagnostic equipment] Mil'shtein RS, et al. **Med Tekh** 1984 Nov-Dec;(6):26-9 (Eng. Abstr.) (Rus)

[Organizational aspects of the use of x-ray studies] Vlasov PV. **Sov Zdravookhr** 1984;(9):22-7 (Eng. Abstr.) (Rus)

TRENDS

The appropriate use of diagnostic imaging. Avoidance of the red goggle syndrome. Palmer PE, et al. **JAMA** 1984 Nov 16;252(19):2753-4

Toxic agent and radiation control: meeting the 1990 objectives for the nation. Rall DP. **Public Health Rep** 1984 Nov-Dec;99(6):532-8

The developing profession of radiography and the ISRRT. Akpan EP. **Radiography** 1984 Sep-Oct;50(593):200-3

Oncology changes and the diagnostic radiographer. Lorimer D. **Radiography** 1985 Mar-Apr;51(596):77-80

Radiological diagnostics in Hungary. Csákány G. **Radiol Diagn (Berl)** 1984;25(3):311-7

Equilibrium of medical and radiology services in Manitoba. MacEwan DW. **Radiology** 1985 Aug;156(2):289-94

[Film-screen combinations for x-ray diagnosis--present and future applications] Liess G, et al. **Radiol Diagn (Berl)** 1985; 26(3):427-32 (Eng. Abstr.) (Ger)

[Major trends in x-ray diagnosis in gastroenterology] Vlasov PV. **Sov Med** 1984;(12):62-6 (Rus)

[Organization of roentgenoradiological services in the RSFSR and the role of the Moscow Research Roentgenoradiologic Institute in their improvement] Gorelova LN, et al. **Vestn Rentgenol Radiol** 1984 Sep-Oct; (5):11-4 (Rus)

[X-ray diagnosis--trends, problems, outlook] Rozenshtraukh LS. **Vestn Rentgenol Radiol** 1984 Nov-Dec;(6):7-16 (Rus)

UTILIZATION

Radiology under fire: limiting x-ray use. Martin DL. **Dimens Health Serv** 1984 Oct;61(9):32

Is 'radiology on demand' dead? Roberts JW Jr, et al. **Hospitals** 1984 Oct 16;58(20):80-2, 87

Implementation of guidelines for the use of skull radiographs in patients with head injuries. Fowkes FG, et al. **Lancet** 1984 Oct 6;2(8406):795-6

VETERINARY

Radiography: problems and reasons for poor quality. Lee R. **In Pract** 1984 Sep;6(5):154-60

[Radiography or fluoroscopy. Considerations beyond radiation protection] Hartung K. **Tierarztl Prax** 1984; 12(3):281-8 (Eng. Abstr.) (Ger)

RADIOGRAPHY, BODY SECTION see **TOMOGRAPHY, X-RAY**

RADIOGRAPHY, DENTAL

Clinical radiography in the orthodontic practice. Alpern MC. **Angle Orthod** 1984 Jul;54(3):233-46

Dental radiology at the crossroads. Lovelock DJ. **Br Dent J** 1985 Feb 9;158(3):99-101

The dental exposure normalization technique (DENT) program in Alberta. Goss K. **Can Dent Assoc J** 1985 May; 51(5):361-4

Radiopaque transitional restorations. Mullick SC. **J Prosthet Dent** 1984 Dec;52(6):793-5

Dental radiographic and restorative experience in a group of Dunedin adolescents, 1977-81. Stokes AN, et al. **NZ Dent J** 1985 Jan;81(363):26-8

Dental radiology instructors in United States dental hygiene programs. Farman AG, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):335-40

Dental radiologic survey of Virginia and Florida. Kaugars GE, et al. **Oral Surg Oral Med Oral Pathol** 1985 Aug; 60(2):225-9

The effectiveness of the thyroid shield in dental radiology. Sikorski PA, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug;58(2):225-36

Changes in tooth length on radiographs after crown therapy. Eliasson S, et al. **Swed Dent J** 1984;8(5):231-6

[Radiography of children] Ribes D. **Rev Odontostomatol (Paris)** 1984 May-Jun;13(3):205-6 (Fre)

[Fuji computed radiography in dental radiography] Okano T. **Kokubyo Gakkai Zasshi** 1984 Dec;51(4):736 (Jpn)

[Effects of radiographic systems used on the accuracy of endodontic measurements] Okano T, et al. **Kokubyo Gakkai Zasshi** 1984 Dec;51(4):667-73 (Eng. Abstr.) (Jpn)

ADVERSE EFFECTS

A dental x-ray validation study. Comparison of information from patient interviews and dental charts. Preston-Martin S, et al. **Am J Epidemiol** 1985 Mar;121(3):430-9

INSTRUMENTATION

The use of a grid for dental radiography. Baird D. **Br Dent J** 1984 Aug 25;157(4):122

Collimator slit alignment for Panorex dental units. Weed R. **Health Phys** 1984 Oct;47(4):642-3

A stepwedge quality assurance test for machine and processor in dental radiography. Manson-Hing LR, et al. **J Am Dent Assoc** 1985 Jun;110(6):910-3

Intraoral x-ray film holders and infection control in U.S. dental schools. Jones GA. **J Dent Educ** 1985 Sep; 49(9):656-7

Film-holder device for radiographic assessment of periodontal tissues. Nery EB, et al. **J Periodont Res** 1985 Jan;20(1):97-105

Modification designed to improve instruction in intraoral dental radiography. Choksi SK. **Oral Surg Oral Med Oral Pathol** 1985 Jun;59(6):653-8

Two dental x-ray films compared for rater preference using endodontic views. Kleier DJ, et al. **Oral Surg Oral Med Oral Pathol** 1985 Feb;59(2):201-5

Microfocus roentgenographic magnification in dentistry. Parmley RJ, et al. **Oral Surg Oral Med Oral Pathol** 1985 May;59(5):530-4

A new positioning device for extraoral radiography with conventional dental x-ray machines. Schiff TG, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jun;59(6):659-61

A technique for intraoperative arteriography following carotid endarterectomy. McCready RA, et al. **Surg Gynecol Obstet** 1985 Apr;160(4):367-8

Use of a portable dental X-ray unit in the surgical removal of renal calculi. Remzi D, et al. **Turk J Pediatr** 1984; 26(1-4):63-5

[A new dental film holder for periodontal pictures] Pasler FA. **Schweiz Monatsschr Zahnmed** 1984 Oct;94(10):1064-5 (Ger)

[Automatic determination of the exposure time in dental radiology] Bertoli F. **Minerva Stomatol** 1984 Nov-Dec; 33(6):967-72 (Eng. Abstr.) (Ita)

METHODS

Supplemental tooth artefact [letter] Townend J. **Br Dent J** 1984 Sep 8;157(5):153

Recommendations in radiographic practices, 1984. Council on Dental Materials, Instruments, and Equipment. **J Am Dent Assoc** 1984 Nov;109(5):764-5

Patient risk from interproximal radiography. Gibbs SJ, et al. **Oral Surg Oral Med Oral Pathol** 1984 Sep;58(3):347-54

The central plane of the image layer determined experimentally in various rotational panoramic x-ray machines. Glass BJ, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):104-12

Gagging in dental radiography. Sewerin I. **Oral Surg Oral Med Oral Pathol** 1984 Dec;58(6):725-8

Dose reduction by field size trimming in rotational panoramic radiography. Svanaes DB, et al. **Scand J Dent Res** 1985 Feb;93(1):61-7

[Profile and skeletal analyses--a comparison of different assessment procedures] Jung D, et al. **Fortschr Kieferorthop** 1984 Aug;45(4):304-23 (Eng. Abstr.) (Ger)

STANDARDS

Radiology requirements in United States dental hygiene programs. Farman AG, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):341-5

UTILIZATION

Radiographs taken for orthodontic purposes in general practice. Osman F, et al. **Br J Orthod** 1985 Apr;12(2):82-6

RADIOGRAPHY, PANORAMIC

Cervical spondylosis found on pantomographs. Ruprecht A, et al. **Can Dent Assoc J** 1985 May;51(5):357-9

Panoramic zonography in evaluation of recurrent basal cell carcinoma of the face. Hallikainen D, et al. **Eur J Radiol** 1984 Nov;4(4):285-7

Bifid mandibular canals in panoramic radiographs. Langlais RP, et al. **J Am Dent Assoc** 1985 Jun;110(6):923-6

Panoramic radiographic examination of edentulous patients. Jones JD, et al. **J Prosthet Dent** 1985 Apr;53(4):535-9

A panoramic radiographic analysis of Air Force basic trainees. Burgess JO. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):113-7

Artifact object on Panex film. Hurley MP. **Oral Surg Oral Med Oral Pathol** 1980 Sep;50(3):292

Reproducibility of radiographs with the orthopantomograph 5: tooth-length assessment. Larheim TA, et al. **Oral Surg Oral Med Oral Pathol** 1984 Dec;58(6):736-41

[The mandibular angle in the orthopantomogram] Fischer-Brandies H, et al. **Radiologe** 1984 Dec;24(12):547-9 (Eng. Abstr.) (Ger)

[Evaluation of the orthopantomogram in orthodontics] Marxer H. **Schweiz Monatsschr Zahnmed** 1985 May; 95(5):445-53 (Eng. Abstr.) (Ger)

[Analysis of the research data from orthopantomograms and jaw models in partial anodontia] Agadzhanian SKh. **Stomatologiia (Mosk)** 1984 Nov-Dec;63(6):74-5 (Eng. Abstr.) (Rus)

[Panoramic tomography in dental practice] Vorob'eva IuI, et al. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):72-5 (44 ref.) (Rus)

INSTRUMENTATION

Rotational panoramic zonography. Evans R. **Arch Emerg Med** 1985 Jun;2(2):97-9

An evaluation of rare-earth imaging systems in panoramic radiography. Gratt BM, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct;58(4):475-82

Exposure distribution, absorbed doses, and energy imparted for panoramic radiography using Orthopantomograph model OP 5. Nilsson L, et al. **Oral Surg Oral Med Oral Pathol** 1985 Feb;59(2):212-9

METHODS

Panoramic zonography in the diagnosis of the maxillary sinus disease. Moilanen A. **Int J Oral Surg** 1984 Oct;13(5):432-6

The central plane of the image layer determined experimentally in various rotational panoramic x-ray machines. Glass BJ, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):104-12

Dose reduction by field size trimming in rotational panoramic radiography. Svanaes DB, et al. **Scand J Dent Res** 1985 Feb;93(1):61-7

RADIOIMMUNOASSAY

Acta Medica Scandinavia Award 1984. Hans Orskov.

Acta Med Scand 1984;216(4):341-3

Correlation of allergy test results obtained by IgE FAST, RAST, and prick-puncture methods. Seltzer JM, et al. **Ann Allergy** 1985 Jan;54(1):25-30

IgG is not the only inhibitor of IgE in the RAST test. Wojdani A, et al. **Ann Allergy** 1985 Sep;55(3):463-8

Prenatal diagnosis of classic hemophilia (hemophilia A) by immunoradiometric assays. Hoyer LW, et al. **Blood** 1985 Jun;65(6):1312-7

Comparative evaluation of three methods for measuring gentamicin in serum. Nevárez-Padilla M, et al. **Bol Asoc Med PR** 1984 Jul;76(7):297-300

The value of a radioimmunological monitoring in cancer patients treated with interferon alpha. Bernier J, et al. **Bull Cancer (Paris)** 1984;71(5):405-11

Radioimmunodetection and radioimmunotherapy. Larson SM, et al. **Cancer Invest** 1984;2(5):363-81 (72 ref.)

In vitro diagnosis of atopic allergy. The occurrence and clustering of positive RAST results as a function of age and total IgE concentration. Björkstén F, et al. **Clin Allergy** 1975 Dec;5(4):363-73

Measurement of ferritin in serum: application in diagnostic use. van Oost BA, et al. **Clin Biochem** 1984 Aug;17(4):263-9

A radioimmunoassay for 18-hydroxycortisol in plasma and urine. Corrie JE, et al. **Clin Chem** 1985 Jun;31(6):849-52

Immunoenzymometric assay and radioimmunoassay measure different populations of antibody against human acetylcholine receptor. Hinman CL, et al. **Clin Chem** 1985 Jun;31(6):835-40

Improved 125I radioimmunoassay for cotinine [letter] Jones SR, et al. **Clin Chem** 1985 Jun;31(6):1076-7

Potential for error in a radioimmunometric assay for placental lactogen [letter] Neethling AC, et al. **Clin Chem** 1985 Jun;31(6):1073

Microcomputer program for RIA data reduction and data acquisition from an interfaced gamma counter [letter] Pandin M. **Clin Chem** 1985 Jun;31(6):1071

Sensitive immunoradiometric assay (IRMA) for serum thyrotropin may be insufficient to make the thyrotropin-releasing-factor test unnecessary [letter] Rodríquez-Espinosa J, et al. **Clin Chem** 1985 Jun;31(6):1081-2

Hewlett-Packard 41 software package for radioimmunoassay data evaluation and continuous batch-to-batch quality control [letter] Schwarz S. **Clin Chem** 1985 Mar;31(3):488-9

A monoclonal-antibody-based immunoradiometric assay for apoprotein B in low-density lipoprotein. Slater HR, et al. **Clin Chem** 1985 Jun;31(6):841-5

Development and evaluation of a radioimmunoassay for Arg8-vasopressin, after extraction with Sep-Pak C18. Ysewijn-Van Brussel KA, et al. **Clin Chem** 1985 Jun;31(6):861-3

A rapid radioimmunoassay for insulin suitable for testing pancreatic tissue prior to transplantation. Besch W, et al. **Clin Chim Acta** 1984 Sep 29;142(2):249-55

Characterization of a serum factor interfering with the radioimmunoassay of prostatic acid phosphatase. Lea OA. **Clin Chim Acta** 1985 Jul 15;149(2-3):197-203

A radioimmunoassay for circulating human proinsulin. Cohen RM, et al. **Diabetes** 1985 Jan;34(1):84-91

An enzyme-linked immunoassay for detection of IgG- and C3-containing circulating immune complexes: comparison with a radioimmunoassay and quantitation in patients with rheumatic diseases. Panush RS, et al. **Diagn Immunol** 1983;1(4):288-94

Use of RAST screening in clinical allergy: a cost-effective approach to patient care. Nalebuff DJ. **Ear Nose Throat J** 1985 Mar;64(3):107-21

In vitro conditions modify immunoassayability of bovine pituitary prolactin and growth hormone: insights into their secretory granule storage forms. Lorenson MY. **Endocrinology** 1985 Apr;116(4):1399-407

Monoclonal antibody-based radioimmunoassay compared with conventional enzyme immunoassay in the detection of prostatic acid phosphatase. Wirth MP, et al. **Eur Urol** 1984;10(5):326-30

Peptide YY radioimmunoassay [letter] Taylor IL. **Gastroenterology** 1985 Apr;88(4):1094-5

Role of serum digoxin assay in patient management. Selzer A. **J Am Coll Cardiol** 1985 May;5(5 Suppl A):106A-110A (17 ref.)

Evaluation of a radioimmunoassay (125I) kit for cannabinoid metabolites in urine and whole blood. Childs PS, et al. **J Anal Toxicol** 1984 Sep-Oct;8(5):220-3

A radioimmunoassay for (p)ppGpp and its application to Streptomyces hygroscopicus. Riesenberg D. **J Basic Microbiol** 1985;25(2):127-40

Radioimmunoassay: an overview. Dwenger A. **J Clin Chem Clin Biochem** 1984 Dec;22(12):883-94

Comparison of radioimmunoassay and enzyme-linked immunosorbent assay in measurement of antibodies to Neisseria meningitidis group A capsular polysaccharide. Beuvery EC, et al. **J Clin Microbiol** 1984 Oct;20(4):672-6

Measurement of haloperidol and metabolites [letter] Rubin RT, et al. **J Clin Psychopharmacol** 1985 Feb;5(1):57-8

Determination of cross-reactant drugs with a new morphine radioimmunoassay procedure. Matejczyk RJ, et al. **J Forensic Sci** 1985 Jul;30(3):677-80

Heterologous radioimmunoassay of monkey luteinizing hormone: a critical assessment. Khan SA, et al. **J Med Primatol** 1984;13(4):191-204

Reverse radioimmunoassays of IgM and IgG antibodies to Coxsackie B viruses in patients with acute myopericarditis. Frisk G, et al. **J Med Virol** 1984;14(3):191-200

Measurement of BK papovavirus IgG and IgM by radioimmunoassay (RIA). Zapata M, et al. **J Med Virol** 1984;14(2):101-14

Comparison of an enzyme-linked immunosorbent assay using crude S. haematobium soluble egg antigen with a radioimmunoassay using purified S. mansoni egg antigen for the serodiagnosis of schistosomiasis haematobium. Stek M, et al. **J Trop Med Hyg** 1985 Feb;88(1):1-6

Immunoreactive prostatic acid phosphatase in prostatic cancer: diagnosis and followup of patients. Vihko P, et al. **J Urol** 1985 Jun;133(6):979-82

Morphine-6-glucuronide, an important factor in interpreting morphine radioimmunoassays [letter] Aherne GW, et al. **Lancet** 1985 Jul 27;2(8448):210-1

Diagnostic radioimmunoassay for familial amyloidotic polyneuropathy [letter] Nakazato M, et al. **Lancet** 1984 Dec 1;2(8414):1274-5

Radioimmunoassay for human growth hormone-releasing factor (hGRF 1-40): comparison of plasma immunoreactive GRF after intravenous and subcutaneous administration to rats. Rafferty B, et al. **Mol Cell Endocrinol** 1985 Jun;41(1):19-25

Further characterisation of a polyclonal antiserum for DNA photoproducts: the use of different labelled antigens to control its specificity. Mitchell DL, et al. **Mutat Res** 1985 Sep;146(2):129-33

Anti-MAG antibody and antibody complexes: detection by radioimmunoassay. Nobile-Orazio E, et al. **Neurology** 1985 Jul;35(7):988-92

The optimization of nuclear medicine procedures for the diagnosis and management of thyroid disorders in developing countries. Belcher EH, et al. **Nucl Med Commun** 1984 May;5(5):339-51

Use of modified radioallergosorbent testing in determining initial immunotherapy doses. Moyer DB, et al. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):335-8

Determination of pepsinogen I in serum by radioimmunoassay. Axelsson CK. **Prog Clin Biol Res** 1985;173:43-53

Determination of pepsin I by radioimmunoassay. Hengels KJ. **Prog Clin Biol Res** 1985;173:73-4

Radioimmunoassay of pepsin in gastric juice. Waldum HL. **Prog Clin Biol Res** 1985;173:75-8

Comparison of radioimmunoassay and high-resolution gas chromatography mass spectrometry for the quantitative determination of serum thromboxane B2 and 6-keto-PGF1 alpha after pharmacological blockade of thromboxane synthetase. Chiabrando C, et al. **Prostaglandins Leukotrienes Med** 1984 Oct;16(1):79-88

Radioimmunoassay in laboratory medicine. Yalow RS. **Rinsho Byori** 1984 May;32(5):490-505

Comparison of methods of metallothionein quantification: cadmium radioassay, mercury radioassay, and radioimmunoassay. Waalkes MP, et al. **Toxicol Appl Pharmacol** 1985 Jul;79(3):524-7

[Radioimmunoassay of phenithionate (7720) and its clinical application] Tian YW. **Chung Hua Nei Ko Tsa Chih** 1984 May;23(5):281-3 (Eng. Abstr.) **(Chi)**

[New findings on methods of laboratory diagnosis of thyroid diseases. II. Determination of thyroid hormones, their metabolites and other substances of thyroid origin] Bednář J. **Cesk Farm** 1985 Feb;34(1):29-33 **(Cze)**

[Radioimmunoanalysis of total urinary testosterone in men] Bílek R, et al. **Cesk Farm** 1985 Feb;34(1):10-3 (Eng. Abstr.) **(Cze)**

[Derivatives of nortestosterone metabolites useful in the preparation of immunogens for the radioimmunologic control of doping] Vodičková I, et al. **Cesk Farm** 1984 Jul;33(6):221-9 (Eng. Abstr.) **(Cze)**

[Radioimmunologic determination of HCG in the diagnosis of extrauterine pregnancy in our case material] Nesit V, et al. **Cesk Gynekol** 1984 Aug;49(7):469-74 (Eng. Abstr.) **(Cze)**

[Comparison between the radioimmunologic measurement of plasma E2 and estrogen determination in urine using a hemagglutination inhibition test] Trotnow S, et al. **Geburtshilfe Frauenheilkd** 1985 Jun;45(6):375-81 (Eng. Abstr.) **(Ger)**

[Hypotheses on the validity of the radioimmunologic measurement of FT4] Passath A, et al. **Klin Wochenschr** 1984 Jul 2;62(13):640-50 (Eng. Abstr.) **(Ger)**

[Atopy screening: prick multitest, total IgE or RAST? On the value of allergologic testing of the staff of an industrial bakery] Hartmann AL, et al. **Schweiz Med Wochenschr** 1985 Apr 6;115(14):466-75 (Eng. Abstr.) **(Ger)**

[Radioimmunologic determination of serum testosterone concentration in healthy male probands] Rühlmann C, et al. **Z Gesamte Inn Med** 1985 Jan 1;40(1):17-9 (Eng. Abstr.) **(Ger)**

[Radioimmunoassay of high specificity for vincristine] Fedeli L, et al. **Quad Sclavo Diagn** 1984 Mar;20(1):79-90 (Eng. Abstr.) **(Ita)**

[Correlations between RIA and ELISA methods in the determination of total IgE] Mattei R, et al. **Quad Sclavo Diagn** 1984 Mar;20(1):99-104 (Eng. Abstr.) **(Ita)**

[Fundamental and clinical studies on the measurement of beta 2-microglobulin using Pharmacia beta 2-micro RIA] Sugimura H, et al. **Kaku Igaku** 1985 Apr;22(4):535-44 **(Jpn)**

[Basic and clinical studies of measurement of neuron-specific enolase (NSE) by radioimmunoassay] Yoneda M, et al. **Kaku Igaku** 1985 Apr;22(4):545-9 **(Jpn)**

[Radioimmunoassay and enzyme immunoassay of bile acids] Makino I, et al. **Nippon Rinsho** 1984 Jul;42(7):1590-6 **(Jpn)**

[A specific and quantitative determination of rat beta-endorphin. Combination of HPLC and RIA] Iguchi Y, et al. **Nippon Yakurigaku Zasshi** 1984 Oct;84(4):385-93 (Eng. Abstr.) **(Jpn)**

[Experimental and clinical studies on a TPA kit, Prolifigen] Ayabe Z, et al. **Radioisotopes** 1985 Apr;34(4):230-3 **(Jpn)**

[Tumor markers and radioimmunoassay] Ishii M. **Radioisotopes** 1984 Oct;33(10):725-35 (19 ref.) **(Jpn)**

[A study of quality control for radioimmunoassay kit using moving average method] Yamamoto H, et al. **Radioisotopes** 1984 Aug;33(8):533-8 (Eng. Abstr.) **(Jpn)**

[The effect of the non specific binding on the linear regression analysis of RIA data] Arita S, et al. **Rinsho Byori** 1984 Sep;32(9):1007-12 **(Jpn)**

[An information system in the evaluation of clinical and laboratory data] Mirkhodzhaev AKh, et al. **Med Radiol (Mosk)** 1985 Jun;30(6):53-4 **(Rus)**

[Data analysis and quality control in radioimmunoassays. Guide for evaluation of results] Bedolla Tovar N, et al. **Rev Invest Clin** 1984 Apr-Jun;36(2):179-92 **(Spa)**

[Development and standardization of a radioimmunoassay to quantify reverse T3 in human and bovine sera] Ruíz A, et al. **Rev Invest Clin** 1984 Jul-Sep;36(3):213-8 (Eng. Abstr.) **(Spa)**

[A comparative study to detect the HBsAg by the ELISA, RIA and PHA technics in patients with viral hepatitis] Mutlu G, et al. **Mikrobiyol Bul** 1984 Oct;18(4):190-8 (Eng. Abstr.) **(Tur)**

INSTRUMENTATION

Activated polyamide tubes for radioimmunoassay [letter] Outch K, et al. **Clin Chem** 1984 Nov;30(11):1882

Allergen discs prepared from nitrocellulose: detection of IgE binding to soluble and insoluble allergens. Walsh BJ, et al. **J Immunol Methods** 1984 Oct 12;73(1):139-45

Analytical performance of the ARIA II automatic system for TSH assay [letter] Zucchelli GC, et al. **J Nucl Med** 1984 Oct;25(10):1153-4

[Radioimmunoanalytic determination of surface antigens and nuclear antibodies of hepatitis virus B. Comparison of the AUSRIA/CORE, AUSRIA II-125 and CORAB kits] Kselíková M, et al. **Vnitr Lek** 1984 Aug;30(8):751-5 (Eng. Abstr.) **(Cze)**

[Fundamental and clinical evaluation of measuring plasma ferritin levels by a magnetic ferritin kit] Chida R, et al. **Radioisotopes** 1985 Feb;34(2):87-90 **(Jpn)**

[Incineration system for the disposal of 125I-radioimmunoassay test tube wastes--confirmation of 125I decay in wastes] Naba K, et al. **Radioisotopes** 1985 Jan;34(1):15-22 (Eng. Abstr.) **(Jpn)**

METHODS

Immunoglobulin E in psoriasis evaluated by paper radioimmunosorbent and paper enzyme-immunosorbent tests. Chen ZY, et al. **Acta Derm Venereol (Stockh)** 1985;65(1):14-8

Cross-reaction of serum somatomedin-binding protein in a radioimmunoassay developed for somatomedin-binding protein isolated from human amniotic fluid. Póvoa G, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):563-70

Reverse radioimmunoassay for separation of iodothyronines (research notes). Rudas P, et al. **Acta Vet Hung** 1984;32(1-2):83-6

A simplified radioimmunoassay for antibodies causing immune cytopenia. Loomis K, et al. **Am J Clin Pathol** 1985 Jan;83(1):12-7

Evaluation of commercially available radioimmunoassays for the determination of luteinizing hormone in serum and urine. Application for the detection of endogenous rise of luteinizing hormone in a in vitro fertilization program. Liu Y, et al. **Ann Biol Clin (Paris)** 1984;42(6):419-25

A direct radioimmunoassay for the determination of adrenocorticotropic hormone (ACTH) and a clinical evaluation. Arts CJ, et al. **Ann Clin Biochem** 1985 May;22 (Pt 3):247-56

Induction of amphotericin B-specific antibodies for use in immunoassays. Little JR, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):824-8

The preparation of semipermeable microcapsules containing antibody for use in radioimmunoassay. Wallace AM, et al. **Appl Biochem Biotechnol** 1984;10:105-7

Quantification of liver and kidney phosphofructokinase by radioimmunoassay in fed, starved and alloxan-diabetic rats. Donofrio JC, et al. **Biochem J** 1984 Dec 1;224(2):541-7

An immunoradiometric assay for endopeptidase-24.11 shows it to be a widely distributed enzyme in pig tissues. Gee NS, et al. **Biochem J** 1985 May 15;228(1):119-26

Affinity-purified antibodies of defined specificity for use in a solid-phase microplate radioimmunoassay of human Tamm-Horsfall glycoprotein in urine. Hunt JS, et al. **Biochem J** 1985 May 1;227(3):957-63

A sensitive immunoradiometric assay for serum thyroid stimulating hormone: a replacement for the thyrotrophin releasing hormone test? Seth J, et al.

Br Med J [Clin Res] 1984 Nov 17;289(6455):1334–6

The evaluation of five commercial serum cortisol kits regarding precision and accuracy. Wilke TJ, et al. **Clin Biochem** 1984 Oct;17(5):311–6

A sensitive immunoradiometric assay for gamma interferon, suitable for its measurement in serum [letter] Woloszczuk W. **Clin Chem** 1985 Jun;31(6):1090

Urinary albumin radioimmunoassay using a solid phase second antibody and solid phase albumin iodination. Jury DR, et al. **Clin Chim Acta** 1985 May 15;148(1):63–7

Data retrieval and analysis for radioimmunoassays. Gilly JA. **Comput Programs Biomed** 1984;19(1):75–9

DOSSTAT: a conversational program for statistical analysis of radioimmunoassays. Huet S. **Comput Programs Biomed** 1984;18(3):241–6

Mouse monoclonal anti rabbit IgG coupled to monodisperse polymer particles. Comparison with polyclonal antibodies in radioimmunoassay for thyroid hormones. Nustad K, et al. **Dev Biol Stand** 1984;57:321–4

The immune detection and quantitation of antigenic cell-free Fc receptor by solid phase RIA employing monoclonal anti FcR antibody. Ran M, et al. **Dev Biol Stand** 1984; 57:367–70

Diagnosis-specific serum 17 beta-estradiol (E2) upper limits for treatment with menotropins using a 125I direct E2 assay. Haning RV Jr, et al. **Fertil Steril** 1984 Dec; 42(6):882–9

Correlation and comparison of Nb2 lymphoma cell bioassay with radioimmunoassay for human prolactin. Subramanian MG, et al. **Fertil Steril** 1984 Dec;42(6):870–4

Distribution and release of peptide YY in dog measured by specific radioimmunoassay. Taylor IL. **Gastroenterology** 1985 Mar;88(3):731–7

Free thyroxine measurement by one-step method in the plasma of treated and untreated hypothyroid infants. Toublanc JE, et al. **Horm Res** 1985;22(1–2):110–4

Internal attenuator counting in radioimmunoassay. Rajan MG, et al. **Indian J Med Res** 1985 Feb;81:234–8

Detection of antigen-specific suppressor T cell factor by sandwich radioimmunoassay using two monoclonal antibodies with different specificities. Suzuki N, et al. **Int Arch Allergy Appl Immunol** 1985;77(3):300–7

Radioimmunoassay for mitoxantrone, a new antitumor agent. Nicolau G, et al. **Invest New Drugs** 1985;3(1):51–6

Detection of recent cannabis use by saliva delta 9-THC radioimmunoassay. Gross SJ, et al. **J Anal Toxicol** 1985 Jan–Feb;9(1):1–5

Problems in the development of radioimmunoassay of catecholamines. Knoll E, et al. **J Clin Chem Clin Biochem** 1984 Nov;22(11):741–9

A solid-phase radioimmunoassay for human corticosteroid binding globulin. Robinson PA, et al. **J Endocrinol** 1985 Feb;104(2):259–67

Role of blood osmolality in the regulation of vasopressin secretion in man: application of a new radioimmunoassay method for vasopressin. Bevilacqua M, et al. **J Endocrinol Invest** 1985 Apr;8(2):97–101

Characteristics of a specific radioimmunoassay for measurement of ferritin on the surface of peripheral mononuclear white blood cells in cancer patients. Bluestein BI, et al. **J Immunoassay** 1984;5(3–4):159–82

Quantification of reduced haloperidol and haloperidol by radioimmunoassay. Browning JL, et al. **J Immunoassay** 1985;6(1–2):45–66

Evaluation of a commercial kit for the radioimmunoassay of fibrinopeptide A. Butt RW, et al. **J Immunoassay** 1984; 5(3–4):245–66

Homologous radioimmunoassay for epidermal growth factor in human saliva. Dagogo-Jack S, et al. **J Immunoassay** 1985;6(1–2):125–36

Comparison of four different carboxylterminal tracers in a radioimmunoassay specific to the 68–84 region of human parathyroid hormone. D'Amour P, et al. **J Immunoassay** 1984;5(3–4):183–204

A highly sensitive radioimmunoassay for human growth hormone using a monoclonal antibody. Gomez F, et al. **J Immunoassay** 1984;5(3–4):145–57

Radioimmunoassay of proteoglycans. Gysen P, et al. **J Immunoassay** 1984;5(3–4):221–43

Radioimmunoassay of tricyclic antidepressant and some phenothiazine drugs in forensic toxicology. Robinson K, et al. **J Immunoassay** 1985;6(1–2):11–22

Radioallergosorbent test (RAST) for measurement of IgG antibodies to Aspergillus fumigatus in sera of patients with different lung diseases. Dewair M, et al. **J Immunol Methods** 1984 Dec 14;75(1):117–28

Use of an automatic cell harvester in a cellular radioimmunoassay. Gerlier D, et al. **J Immunol Methods** 1984 Dec 14;75(1):159–66

Naturally occurring carbohydrate antibodies: interference in solid-phase immunoassays. Hamilton RG, et al. **J Immunol Methods** 1985 Feb 28;77(1):95–108

Simple solid-phase radioimmunoassay for human leukemia-associated cell membrane antigens. Matsuzaki H, et al. **J Immunol Methods** 1985 Jul 16;81(1):55–63

A two-site sandwich radioimmunoassay of beta 2-microglobulin with monoclonal antibodies. Tachibana K, et al. **J Immunol Methods** 1984 Dec 14;75(1):43–51

Prevention of bridge binding effects in haptenic immunoassay systems exemplified by an iodinated radioimmunoassay for melatonin. Tiefenauer LX, et al. **J Immunol Methods** 1984 Nov 30;74(2):293–8

Solid-phase radioassay for the determination of binding activity of solubilized tritiated Fc gamma receptor of guinea pig peritoneal macrophages. Tyran B. **J Immunol Methods** 1985 May 10;79(1):47–55

A simple computer programme for standard curve tracing and calculations in RIA following sigmoid patterns. Ventura M, et al. **J Immunol Methods** 1985 Apr 8; 78(1):1–12

Radioimmunoassay of luteinizing hormone in the baboon (Papio hamadryas). Khan SA, et al. **J Med Primatol** 1985; 14(3):143–57

Re: Clinical assessment of a radioimmunoassay for free thyroxine using a modified tracer [letter] Witherspoon LR, et al. **J Nucl Med** 1984 Oct;25(10):1150

Radioimmunoassay of motilin in human plasma: interdigestive levels in normal subjects and in patients with hypergastrinemic chronic atrophic gastritis. Vezzadini P, et al. **J Nucl Med Allied Sci** 1984 Jul–Sep;28(3):197–201

A comparison of two radioimmunoassays for 7-hydroxychlorpromazine: rabbit polyclonal antibodies vs. mouse monoclonal antibodies. Yeung PK, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):816–22

A new radioimmunoassay for serum 16 alpha-hydroxyandrost-4-ene-3,17-dione with specific antiserum. Ikegawa A, et al. **J Steroid Biochem** 1985 Jul; 23(1):103–6

The radioimmunoassay of pregnanetriol 3 alpha-glucuronide. Samarajeewa P, et al. **J Steroid Biochem** 1985 Jun; 22(6):843–9

Direct radioimmunoassay for human renin substrate and its measurement in plasma from essential hypertensive patients, diabetic patients and pregnant women. Sato Y, et al. **Jpn Circ J** 1984 Nov;48(11):1236–42

A very sensitive direct radioimmunoassay system for plasma angiotensin II and its clinical application in various hypertensive diseases. Shimamoto K, et al. **Jpn Circ J** 1984 Nov;48(11):1228–35

A new multiple specific IgE assay--MAST [letter] Brostoff J, et al. **Lancet** 1984 Sep 29;2(8405):748–9

Enzymatic tracer damage during the gonadotropin releasing hormone radioimmunoassay: analytical and immunological assessment. O'Conner JL, et al. **Life Sci** 1985 Sep 23; 37(12):1155–65

Radioimmunoassay laboratories in developing countries: common problems in establishment and suggested solutions. Piyasena RD. **Med Lab Sci** 1984 Oct;41(4):357–64

Technical evaluation of factors interfering in the carcinoembryonic antigen assay. Araj GF, et al. **Neoplasma** 1985;32(2):209–16

Use of an immunoradiometric assay and a radioimmunoassay for the detection of free beta-human chorionic gonadotropin. Shapiro AI, et al. **Obstet Gynecol** 1985 Apr; 65(4):545–9

Levels of human and rat hypothalamic growth hormone-releasing factor as determined by specific radioimmunoassay systems. Audhya T, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2970–4

Determination of thyroid antimicrosomal antibodies by solidphase radioimmunoassay. Lacka K, et al. **Radiobiol Radiother (Berl)** 1984;25(5):729–35

A simple procedure for direct corticosterone radioimmunoassay in the rat. Armario A, et al. **Rev Esp Fisiol** 1984 Dec;40(4):437–41

A method for determination of immunoreactive trypsin in complex with alpha 1-antitrypsin in human sera. Borgström A, et al. **Scand J Clin Lab Invest** 1984 Sep;44(5):381–6

Purification and storage of thyroglobulin. Two important factors influencing the radioimmunoassay for thyroglobulin. Ericsson UB, et al. **Scand J Clin Lab Invest** 1984 Oct;44(6):477–85

A new sensitive immunosorbent radioassay for the detection of circulating antibodies to polypeptide hormones and proteins. Ericsson UB, et al. **Scand J Clin Lab Invest** 1984 Oct;44(6):487–93

Radioimmunoassay for neuropeptide Y (NPY): chromatographic characterization of immunoreactivity in plasma and tissue extracts. Theodorsson-Norheim E, et al. **Scand J Clin Lab Invest** 1985 Jun;45(4):355–65

Determination of tissue plasminogen activator in plasma samples by means of a radioimmunoassay. Urdén G, et al. **Scand J Clin Lab Invest** 1984 Oct;44(6):495–502

Radioimmunoassay for MPV-295, a new antihypertensive drug. Vakkuri O, et al. **Scand J Clin Lab Invest** 1984 Nov; 44(7):603–9

Laboratory application of radioimmunoassay in the quantitation of molecular markers of hemostatic activation. Walenga JM, et al. **Semin Thromb Hemost** 1984 Oct; 10(4):294–305 (81 ref.)

Diagnostic efficacy of a simple radioimmunoassay test for fibrinogen/fibrin fragments containing the B beta 15–42 sequence. Walenga JM, et al. **Semin Thromb Hemost** 1984 Oct;10(4):252–63

Performance characteristics of a simple radioimmunoassay for fibrinopeptide A. Walenga JM, et al. **Semin Thromb Hemost** 1984 Oct;10(4):219–27

A specific radioimmunoassay for androstenedione with reduced bridge-binding. Nordblom GD, et al. **Steroids** 1984 Sep;44(3):275–82

A double antibody radioimmunoassay for free and conjugated estradiol-17 beta in cow's milk. Saumande J, et al. **Steroids** 1984 Aug;44(2):137–52

The measurement of 4-androstene-3, 11, 17-trione (11-oxo-androstenedione) by radioimmunoassay in human plasma. Schlaghecke R, et al. **Steroids** 1984 Jul;44(1):23–33

Measurement of fibrinogen concentrations in suspensions of washed rabbit and human platelets by radioimmunoassays. Harfenist EJ, et al. **Thromb Haemost** 1985 Feb 18; 53(1):110–5

Assessment of anti-streptokinase antibody levels in human sera using a microradioimmunoassay procedure. Moran DM, et al. **Thromb Haemost** 1984 Dec 29;52(3):281–7

An immunoradiometric assay for factor VIII related antigen (VIIIRAg) using two monoclonal antibodies-comparison with polyclonal rabbit antibodies for use in von Willebrand's disease diagnosis. Sultan Y, et al. **Thromb Haemost** 1984 Dec 29;52(3):250–2

The application of a monoclonal antibody to factor VIII related antigen (VIIIRAg) in immunoradiometric assays for factor VIII. Thomas JE, et al. **Thromb Haemost** 1985 Feb 18;53(1):143–7

Quantitation of human protein S in the plasma of normal and warfarin-treated individuals by radioimmunoassay. Fair DS, et al. **Thromb Res** 1984 Dec 15;36(6):527–35

Development of a radioimmunoassay for the measurement of prostacyclin metabolites in unextracted plasma. McLaren M, et al. **Thromb Res** 1985 Jan 1;37(1):177–83

Improved detection of hepatitis B surface antigen (HBsAg) in blood donors by monoclonal radioimmunoassay. Ben-Porath E, et al. **Transfusion** 1985 Jan–Feb;25(1):10–4

Quantitation of sheep IgG1, IgG2, IgA, IgM and albumin by radioimmunoassay. Cripps AW, et al. **Vet Immunol Immunopathol** 1985 Jan;8(1–2):137–47

Solid-phase radioimmunoassay for the detection of immunoglobulins against bovine Brucella abortus. Lawman MJ, et al. **Vet Immunol Immunopathol** 1984 Jul; 6(3–4):291–305

DNA binding proteins in canine sera. A method for removal of nonspecific DNA binding in the Farr assay. Zeromski J, et al. **Vet Immunol Immunopathol** 1984 Sep;7(2):169–83

HBeAg/anti-HBe determination with a new monoclonal immunoradiometric assay. Pizzocolo G, et al. **Vox Sang** 1985;48(3):129–35

A two-stage immunoradiometric assay with 125I-staphylococcal protein A for the detection of antibodies and complement on human blood cells. Salama A, et al. **Vox Sang** 1985;48(4):239–45

[Radioimmunologic determination of triiodothyronine in blood using the 2-phase aqueous system] Nedvídková J, et al. **Cas Lek Cesk** 1984 Oct 19;123(42):1286–7 (Eng. Abstr.) (Cze)

[Rapid RIA of LH for the prediction of ovulation] Fingerová H, et al. **Cesk Gynekol** 1984 Jul;49(6):408–17 (Eng. Abstr.) (Cze)

[The quantitative determination of the IgM rheumatoid factor using a solid-phase radioimmunoassay. Comparison with the agglutination test and the radioimmuno-polyethyleneglycol precipitation test] Herrmann D, et al. **Allerg Immunol (Leipz)** 1985;31(1):45–54 (Eng. Abstr.) (Ger)

[Procedure-reliability studies on radioimmunologic pancreatic glucagon determination] Hildebrandt W, et al. **Z Med Lab Diagn** 1985;26(3):130–7 (Eng. Abstr.) (Ger)

[Fundamental and clinical studies of measurement of beta 2-microglobulin by a double antibody method] Ata M, et al. **Kaku Igaku** 1984 Aug;21(8):985–90 (Jpn)

[Clinical evaluation of serum free T3 measurement--with special reference to patients in remission from Graves' disease] Haraguchi K, et al. **Kaku Igaku** 1984 Jun; 21(6):739–46 (Jpn)

[Comparative evaluation of two commercial kits for immunoreactive trypsin] Hayakawa T, et al. **Kaku Igaku** 1984 Dec;21(12):1669–76 (Jpn)

[Measurement of serum T3 by magic T3 RIA kit] Kaise N, et al. **Kaku Igaku** 1984 Dec;21(12):1639–45 (Jpn)

[Fundamental and clinical evaluations of beta 2-microglobulin radioimmunoassay kit 'SD-8567'] Kakizaki J, et al. **Kaku Igaku** 1985 Feb;22(2):253–60 (Jpn)

[Measurement of serum free T3 concentration by using Amerlex Free T3 RIA Kit] Kasagi K, et al. **Kaku Igaku** 1985 Feb;22(2):245–52 (Jpn)

[A comparison of the measurements of serum free triiodothyronine concentration by Amerlex Free T3 RIA kit and by equilibrium dialysis method] Konno N, et al. **Kaku Igaku** 1984 Jun;21(6):687–95 (Eng. Abstr.) (Jpn)

[The assessment of magnetic TSH Corning Kit for measuring serum TSH] Kozakai K, et al. **Kaku Igaku** 1985 Jan; 22(1):107–14 (Jpn)

[Evaluation of MAGIC thyroxine (T4) radioimmunoassay kit] Kuroda A, et al. **Kaku Igaku** 1984 Aug;21(8):991–6 (Jpn)

[Fundamental and clinical evaluation of CEA kit (CEA RIABEAD)] Kuwabara Y, et al. **Kaku Igaku** 1984 Nov; 21(11):1513–9 (Jpn)

[Fundamental and clinical studies on the measurement of beta 2-microglobulin using Pharmacia beta 2-micro RIA] Masaka M, et al. **Kaku Igaku** 1985 Jan;22(1):91–9 (Jpn)

[Evaluation of free thyroxine radioimmunoassays for assessing thyroid function in hypoproteinemia] Matsumura K, et al. **Kaku Igaku** 1985 Apr;22(4):511–20 (Eng. Abstr.) (Jpn)

[Fundamental evaluation of free T3 kit (Amerlex free T3) with radioimmunoassay] Matsunaga K, et al. **Kaku Igaku** 1984 Nov;21(11):1503–12 (Jpn)

[Studies on the measurement of serum free triiodothyronine with Amerlex Free T3 RIA kit] Shiraishi H, et al. **Kaku Igaku** 1984 Oct;21(10):1333-8 **(Jpn)**

[Radioimmunoassay of serum free triiodothyronine (FT3). An evaluation of Amerlex Free T3 RIA kit] Suzuki H, et al. **Kaku Igaku** 1984 Jun;21(6):731-7 **(Jpn)**

[Basic and clinical evaluation of RIAgnost hTSH Tachisorb] Suzuki S, et al. **Kaku Igaku** 1984 Aug;21(8):997-1004 **(Jpn)**

[Fundamental and clinical evaluations of magnetic ferritin RIA kit (Corning)] Suzuki Y, et al. **Kaku Igaku** 1985 Feb; 22(2):275-80 **(Jpn)**

[Evaluation of a pancreatic secretory trypsin inhibitor RIA kit] Tsujino D, et al. **Kaku Igaku** 1984 Jul;21(7):875-81 **(Jpn)**

[Basic and clinical evaluations of Phadebas beta 2-micro test with improved kit] Yano M, et al. **Kaku Igaku** 1984 Jun; 21(6):747-54 **(Jpn)**

[The measurement of serum free thyroxine with the magnetic FT4 'corning'] Yoshida K, et al. **Kaku Igaku** 1984 Dec; 21(12):1661-7 **(Jpn)**

[Detection of urinary Legionella antigen by radioimmunoassay. 1. Method and basic studies] Jibiki K, et al. **Kansenshogaku Zasshi** 1985 Jan;59(1):1-8 (Eng. Abstr.) **(Jpn)**

[A solid phase direct radioimmunoassay for urinary thromboxane B2 and its clinical application] Uehara Y, et al. **Nippon Jinzo Gakkai Shi** 1984 Oct;26(10):1301-8 (Eng. Abstr.) **(Jpn)**

[A simple radioimmunoassay determination of urinary aldosterone using 125I-labeled ligand [ALDOCTK-125KIT] and its clinical application] Kawasaki T, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 May 20;60(5):696-705 (Eng. Abstr.) **(Jpn)**

[A sensitive and specific radioimmunoassay for arginine vasopressin and its validation] Oki Y, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Mar 20;60(3):183-94 (Eng. Abstr.) **(Jpn)**

[A radioimmunoassay of 6-keto PG F1 alpha using [125I]-6-keto PG F1 alpha-tyramide] Sekine M. **Nippon Naibunpi Gakkai Zasshi** 1985 Jan 20;61(1):1-13 (Eng. Abstr.) **(Jpn)**

[Progress in isolation and measurement of steroid hormones: RIA and EIA] Demura H, et al. **Nippon Rinsho** 1984 Nov; 42(11):2536-41 (12 ref.) **(Jpn)**

[Radioimmunoassay of cholecystokinin using XAD-2 resin extraction method of plasma. Plasma cholecystokinin responses after a meal and intraduodenal ingestion of MgSO4 in humans] Shiratori K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):277-87 (Eng. Abstr.) **(Jpn)**

[Determination of triiodothyronine in the serum by a magnetic-T3 kit] Akita F, et al. **Radioisotopes** 1984 Oct; 33(10):710-3 **(Jpn)**

[Fundamental and clinical study of a magnetic T3 radioimmunoassay kit] Banba N, et al. **Radioisotopes** 1984 Nov;33(11):796-9 **(Jpn)**

[Evaluation of new radioimmunoassay kits for determination of the serum CEA level] Harashima H, et al. **Radioisotopes** 1984 Nov;33(11):800-3 **(Jpn)**

[Study of the measurement of free triiodothyronine in the field of pediatrics] Ikegami H, et al. **Radioisotopes** 1985 Jan;34(1):27-30 **(Jpn)**

[Experimental and clinical studies of magnetic T3U kit] Inoue T, et al. **Radioisotopes** 1984 Aug;33(8):565-8 **(Jpn)**

[Fundamental studies of GammaDab TSH (new) kit] Kanamori I, et al. **Radioisotopes** 1984 Dec;33(12):879-82 **(Jpn)**

[Fundamental and clinical studies on the determination of anti-HBc(IgM) by radioimmunoassay] Kanamori I, et al. **Radioisotopes** 1985 Feb;34(2):95-8 **(Jpn)**

[Fundamental and clinical studies on pancreatic secretary trypsin inhibitor (PSTI) determination by radioimmunoassay] Kanamori I, et al. **Radioisotopes** 1985 Jan;34(1):23-6 **(Jpn)**

[Score judgment method of B type hepatitis associated antigen and antibody by radioimmunoassay kit—HBs antigen and antiHBs antibody] Kanamori I, et al. **Radioisotopes** 1985 Mar;34(3):166-9 **(Jpn)**

[Scoring system for type B hepatitis associated antigen and antibody by a radioimmunoassay kit--anti HBc] Kanamori I, et al. **Radioisotopes** 1985 Apr;34(4):226-9 **(Jpn)**

[Score judgment method of B type hepatitis associated antigen and antibody by radioimmunoassay kit--HBe antigen and anti-HBe antibody] Kanamori I, et al. **Radioisotopes** 1985 May;34(5):270-3 **(Jpn)**

[Experimental studies of PTH-C radioimmunoassay kit] Kanamori I, et al. **Radioisotopes** 1984 Jul;33(7):467-70 **(Jpn)**

[Fundamental and clinical evaluation of a magnetic T3 radioimmunoassay kit] Kasagi K, et al. **Radioisotopes** 1984 Dec;33(12):875-8 **(Jpn)**

[Serum ferritin determination by means of radioimmunoassay technic—rapid improved method and normal reference value] Kimiyama H, et al. **Radioisotopes** 1985 Feb; 34(2):91-4 **(Jpn)**

[Evaluation of immunoradiometric assay of thyroid stimulating hormone by using a magnetic TSH kit] Konishi J, et al. **Radioisotopes** 1984 Sep;33(9):643-6 **(Jpn)**

[Fundamental and clinical evaluation of a magnetic TBG radioimmunoassay kit] Kousaka T, et al. **Radioisotopes** 1984 Dec;33(12):871-4 **(Jpn)**

[Fundamental and clinical evaluation of a magnetic ferritin kit] Kousaka T, et al. **Radioisotopes** 1984 Dec;33(12):883-6 **(Jpn)**

[Radioimmunoassay for serum thyroxine concentration by magnetic T4 radioimmunoassay kit] Kousaka T, et al. **Radioisotopes** !984 Aug;33(8):561-4 **(Jpn)**

[Fundamental and clinical evaluation of a magnetic FT4 kit] Kuroda H, et al. **Radioisotopes** 1984 Nov;33(11):788-91 **(Jpn)**

[The measurement of serum ferritin by radioimmunoassay methods--the evaluation of a magnetic ferritin kit] Mitsuma T, et al. **Radioisotopes** 1984 Nov;33(11):804-7 **(Jpn)**

[The measurement of serum triiodothyronine using radioimmunoassay method--evaluation of a magnetic T3 radioimmunoassay kit] Mitsuma T, et al. **Radioisotopes** 1984 Oct;33(10):717-20 **(Jpn)**

[The measurement of serum thyroxine--the evaluation of a magnetic FT4 radioimmunoassay kit] Mitsuma T, et al. **Radioisotopes** 1984 Nov;33(11):792-5 **(Jpn)**

[Experimental studies of the Amerlex free T3 radioimmunoassay kit] Muraki H, et al. **Radioisotopes** 1984 Aug;33(8):549-52 **(Jpn)**

[Clinical studies of the Amerlex free T3 radioimmunoassay kit] Muraki H, et al. **Radioisotopes** 1984 Aug;33(8):553-6 **(Jpn)**

[Radioimmunoassay kit using beads to separate free and antibody-bound triiodothyronine] Nakajima K, et al. **Radioisotopes** 1984 Jul;33(7):471-3 **(Jpn)**

[Experimental and clinical studies of thyroxine binding globulin concentrations in blood by radioimmunoassay] Nakazono M, et al. **Radioisotopes** 1984 Jun;33(6):391-4 **(Jpn)**

[Current topics in radiopharmaceuticals in Japan. (VII). Recent progress in radioimmunoassay with special reference to steroids] Nambara T. **Radioisotopes** 1984 Jun; 33(6):413-22 (37 ref.) **(Jpn)**

[Radioimmunoassay of serum thyroxine concentration by magnetic T4 radioimmunoassay kit] Nomura T, et al. **Radioisotopes** 1984 Aug;33(8):557-60 **(Jpn)**

[Experimental and clinical evaluation of a pancreatic secretory trypsin inhibitor radioimmunoassay kit] Sanke T, et al. **Radioisotopes** 1984 Jun;33(6):387-90 **(Jpn)**

[Basic evaluation of a magnetic digoxin radioimmunoassay kit] Takahashi T, et al. **Radioisotopes** 1985 May;34(5):274-7 **(Jpn)**

[Sensitive determination of haloperidol in human serum by radioimmunoassay] Terauchi Y, et al. **Radioisotopes** 1984 Jun;33(6):376-9 (Eng. Abstr.) **(Jpn)**

[Effect of solid phase radioimmunoassay-bead method to detect hepatitis B surface antigen] Yoshimoto A, et al. **Radioisotopes** 1984 Dec;33(12):887-90 **(Jpn)**

[A new carbohydrate antigen CA 19-9 associated with malignancies of digestive system. I. Modification of its method and reference values] Sakurabayashi I, et al. **Rinsho Byori** 1984 May;32(5):539-45 **(Jpn)**

[Examination of the assay for TSH receptor antibodies and its clinical application. A comparison of the methods using whole serum and polyethylene-glycol precipitated fraction] Tamaki H, et al. **Rinsho Byori** 1984 Jun; 32(6):637-40 **(Jpn)**

[Immunoradiometric assay of factor IX antigen using monoclonal antibody and classification of hemophilia B] Yoshioka A, et al. **Rinsho Ketsueki** 1985 Feb;26(2):159-65 (Eng. Abstr.) **(Jpn)**

[Development of a radioimmunologic method of determining gastrin-17 and outlook for its use in gastroenterology] Ivanikov IO, et al. **Lab Delo** 1984;(12):707-9 (Eng. Abstr.) **(Rus)**

[Modification of an immunoradiometric analysis method and the coagglutination reaction in the diagnosis of meningitis] Alekseeva NV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):66-9 (Eng. Abstr.) **(Rus)**

[Use of solid-phase radioimmunological analysis for the serological diagnosis of influenza] Kobiakova TN. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):43-5 (Eng. Abstr.) **(Rus)**

[Solid-phase radioimmune and immunoenzyme methods for rapid quantitative analysis in microbiology] Manolov AD. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):100-7 (56 ref.) **(Rus)**

[Particular problems in the radioimmunoassay determination of human parathyroid hormone levels in serum] Odavić M, et al. **Srp Arh Celok Lek** 1984 Jan;112(1):21-34 (Eng. Abstr.) **(Scc)**

STANDARDS

Distribution of patients' test values and applicability of 'average of normals' method to quality-control of radioimmunoassays. Ichihara K, et al. **Am J Clin Pathol** 1985 Feb;83(2):206-10

The dexamethasone suppression test in normal control subjects: comparison of two assays and effect of age. Rosenbaum AH, et al. **Am J Psychiatry** 1984 Dec; 141(12):1550-5

Covert cross reactants in a two-site immunoassay studied with monoclonal antibodies. Boscato LM, et al. **Anal Biochem** 1985 May 1;146(2):393-401

Plasma cortisol determination for the dexamethasone suppression test. Comparison of competitive protein-binding and commercial radioimmunoassay methods. Ritchie JC, et al. **Arch Gen Psychiatry** 1985 May; 42(5):493-7

Falsely increased results for digoxin in sera from patients with liver disease: ten immunoassay kits compared [letter] Greenway DC, et al. **Clin Chem** 1985 Jun;31(6):1078-9

Italian external quality control program for LH immunoassay. Signorini C, et al. **J Endocrinol Invest** 1984; 7 Suppl 3:39-42

[Evaluation of magic TSH radioimmunometric assay] Inaba T, et al. **Kaku Igaku** 1984 Oct;21(10):1339-45 **(Jpn)**

[The 5th Quality Control Survey for Radioisotopes in vitro Tests in Japan, 1983 (I)] **Radioisotopes** 1984 Jul; 33(7):484-94 **(Jpn)**

[Control survey of radioimmunoassay-alpha-fetoprotein and a study on reference standard] Shibata K, et al. **Radioisotopes** 1985 Mar;34(3):180-4 **(Jpn)**

[Current topics in radiopharmaceuticals in Japan (VIII). Quality control for radioimmunoassay] Sugisawa Y. **Radioisotopes** 1984 Jul;33(7):502-9 **(Jpn)**

[Quality control of radioimmunoassay by bivariate analysis] Yamada H, et al. **Radioisotopes** 1984 Jun;33(6):370-5 (Eng. Abstr.) **(Jpn)**

[Standardization of a double antibody radioimmunoassay technic for the determination of growth hormone in the rat plasma and pituitary] Achilles P, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):343-54 (Eng. Abstr.) **(Por)**

VETERINARY

Serum immunoreactive gastrin concentrations in the dog: basal and postprandial values measured by radioimmunoassay. Gabbert NH, et al. **Am J Vet Res** 1984 Nov;45(11):2351-3

Comparison of the commercial agar-gel immunodiffusion test and radioimmunoprecipitation assay for detection of antibodies to bovine leukemia virus. Jacobsen KL, et al. **Am J Vet Res** 1985 Jul;46(7):1430-3

[Possibilities and limits of immunochemical methods (radio- and enzyme immunoassay) in testing foot-and-mouth disease vaccine] Schilow WF, et al. **Arch Exp Veterinarmed** 1984 Sep;38(5):697-703 (Eng. Abstr.) **(Ger)**

RADIOIMMUNOSORBENT TEST see under **RADIOIMMUNOASSAY**

RADIOISOTOPE BRACHYTHERAPY see **BRACHYTHERAPY**

RADIOISOTOPE DILUTION TECHNIC

Discrepancy between microsphere and diffusible tracer estimates of perfusion to ischemic myocardium. Yoshida S, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):H255-64

Vitamin B12 assays compared by use of patients' sera with low vitamin B12 content. Sheridan BL, et al. **Clin Chem** 1985 May;31(5):734-6

Analytic errors in measuring radioactivity in cell protein and their effect of estimates of protein turnover. Amenta JS, et al. **Prog Clin Biol Res** 1985;180:649-51

[Measurement of inner ear circulation using radioactive indicators] Friedrich G, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Apr;64(4):214-6 (Eng. Abstr.) **(Ger)**

[Value of mechanocardiographic parameters in comparison to radiocardiography in cardiologic diagnosis and therapy control] Bartuschka B, et al. **Z Gesamte Inn Med** 1984 Nov 1;39(21):523-7 (Eng. Abstr.) **(Ger)**

[Errors in processing radionuclide dilution and clearance curves represented by gamma-like functions] Tishchenko FM. **Med Tekh** 1984 Sep-Oct;(5):13-7 **(Rus)**

RADIOISOTOPE GENERATORS see **RADIONUCLIDE GENERATORS**

RADIOISOTOPE RENOGRAPHY

A comparison between diuresis renography and the Whitaker test in 64 kidneys. Hay AM, et al. **Br J Urol** 1984 Dec; 56(6):561-4

A comparison of diuresis renography, the Whitaker test and renal pelvic morphology in idiopathic hydronephrosis. Lupton EW, et al. **Br J Urol** 1985 Apr;57(2):119-23

Evaluation of obstructive uropathy in children. 99mTc-DTPA renography studies under conditions of maximal diuresis. Sukhai RN, et al. **Br J Urol** 1985 Apr; 57(2):124-9

Estimation of glomerular filtration rate, without blood samples, during renography. Corrigan DM, et al. **Clin Phys Physiol Meas** 1984 Nov;5(4):279-84

N-Succinyldesferrioxamine B: a potential radiopharmaceutical for assessing renal function. Herscheid JD, et al. **Eur J Nucl Med** 1984;9(11):508-10

Ru-labeled ruthenocenoyl-glycine: comparison of clearance with hippuran. Wenzel M, et al. **Eur J Nucl Med** 1985; 10(3-4):138-42

Roll of nuclear medicine in evaluating renal function in obstructive uropathy cases. Mahabatra GN, et al. **J Assoc Physicians India** 1985 Feb;33(2):159-61

Differential renal function in unilateral renal injury: possible effects of radiopharmaceutical choice. Taylor A Jr, et al. **J Nucl Med** 1985 Jan;26(1):77-80

Comparison of the diuretic renogram and the pressure perfusion study in children. Kass EJ, et al. **J Urol** 1985 Jul;134(1):92-6

Renal parenchymal appearance on 123iodine-hippurate renoscintigrams and excretory urograms. Nielsen JB, et al. **J Urol** 1985 Feb;133(2):179-82

Radioisotope renography in spinal cord injury. Tempkin A, et al. **J Urol** 1985 Feb;133(2):228-30

Diuresis renography and parenchymal transit times in the assessment of renal pelvic dilatation. Lupton EW, et al. **Nucl Med Commun** 1984 Jul;5(7):451-9

Extrarenal abnormalities in Tc-99m-DTPA renal blood flow studies. Shih WJ, et al. **Radiology** 1985 Jan;154(1):197-202

Isotope renography and urinary schistosomiasis: a study in a Gambian community. Wilkins HA, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):306-13

Pelviureteric obstruction in children: the effect of pyeloplasty on 99mTc-DTPA uptake and washout. Vihma Y, et al. **Z Kinderchir** 1984 Dec;39(6):358-63

[Assessment of the information value of isotope nephrography: ING segmental analysis] Lysenko VF, et al. **Radiol Diagn (Berl)** 1984;25(5):601-6 (Eng. Abstr.) **(Ger)**

[Clinical study on grading of vesicoureteral reflux (VUR) according to intravenous radionuclide voiding cystography (IRVC) and radiorenogram] Shiokawa H. **Fukuoka Igaku Zasshi** 1985 Mar;76(3):67-84 (Eng. Abstr.) **(Jpn)**

[Estimation of glomerular filtration rate from fractional renal uptake of 99mTc-DTPA] Ito T, et al. **Kaku Igaku** 1984 Dec;21(12):1579-86 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of renal function study using I-123 orthoiodohippurate (I-123 OIH) in patients with obstructive uropathy] Okada J, et al. **Kaku Igaku** 1984 Jun;21(6):697-703 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of renal function study using 99mTc-DTPA--comparative study with 111In-DTPA and 123I-OIH] Honda M, et al. **Radioisotopes** 1984 Jul;33(7):463-6 **(Jpn)**

[Possibilities of using citon for examining the kidneys] Smirnov VF, et al. **Med Radiol (Mosk)** 1985 May;30(5):61-6 (Eng. Abstr.) **(Rus)**

METHODS

Quantitative hippurate renography. Kairento AL, et al. **Ann Chir Gynaecol** 1984;73(5):285-7

Renal perfusion in chronic liver diseases: evaluation by radiotechnetium renography. Fanfani G, et al. **Eur J Nucl Med** 1985;10(7-8):317-20

Determination of total and divided clearance without blood sampling and not using a whole-body counter or gamma camera. Kyuldjiev A, et al. **Eur J Nucl Med** 1985;10(1-2):1-4

Techniques for the quantitative measurement of individual kidney function in the pig. Robbins ME, et al. **Int J Appl Radiat Isot** 1984 Sep;35(9):853-8

Glomerular filtration rate determined in conjunction with routine renal scanning. Jackson JH, et al. **Radiology** 1985 Jan;154(1):203-5

[Comparison of simple nuclear medical methods of determining renal clearance] Sonntag A. **Nuklearmedizin** 1984 Jun;23(3):155-60 (Eng. Abstr.) **(Ger)**

[Effect of the method of measurement on the interpretation of renal clearance] Junges R. **ROFO** 1985 Feb;142(2):212-4 (Eng. Abstr.) **(Ger)**

[Significance of a nonionic renographic contrast medium (Iopamidol 300) in the roentgen diagnosis of the kidneys and urinary tract in children] Schneider K, et al. **Rontgenblatter** 1984 Oct;37(10):347-52 (Eng. Abstr.) **(Ger)**

[Indications and methods for kidney sonography and isotope renography in pregnancy] Fischer W, et al. **Zentralbl Gynakol** 1984;106(14):973-80 (Eng. Abstr.) **(Ger)**

[A digital simulation method for analyzing renal function by using 99mTc-DMSA] Ishine M. **Kaku Igaku** 1984 Oct;21(10):1315-22 (Eng. Abstr.) **(Jpn)**

[Correlation between ERPF and retention function on 131I-OIH renogram] Maeda M, et al. **Kaku Igaku** 1984 Oct;21(10):1285-92 (Eng. Abstr.) **(Jpn)**

[Radioisotope split renal function and diuretic renogram in the surgical management of pelvo-ureteral junction] Nonomura K, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Apr;75(4):654-64 (Eng. Abstr.) **(Jpn)**

[Diuretic renogram in the evaluation of uretero-vesical junction] Nonomura K, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Apr;75(4):665-71 (Eng. Abstr.) **(Jpn)**

STANDARDS

Standardization of radiorenography in dehydrated and rehydrated primates under laboratory conditions. Dormehl IC, et al. **J Med Primatol** 1983;12(2):68-76

VETERINARY

Standardization of anaesthesia for radiorenography with primates under laboratory conditions. Dormehl IC, et al. **J Med Primatol** 1984;13(1):5-10

RADIOISOTOPE SCANNING see **RADIONUCLIDE IMAGING**

RADIOISOTOPE TELETHERAPY

Combined cryosurgical, chemotherapeutic, and radiotherapeutic management of T1-4N0M0 oral cavity cancers. Airoldi M, et al. **Cancer** 1985 Aug 1;56(3):424-31

Local renal graft irradiation in children. Robitaille P, et al. **Int J Pediatr Nephrol** 1985 Apr-Jun;6(2):133-6

Chromosome aberrations in the peripheral lymphocytes induced by brachytherapy and external cobalt teletherapy. Matsubara S, et al. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1085-94

Tumourectomy and telecobalt radiation as the treatment of 'small' carcinomas of the breast. Experience with 101 patients. Debois JM, et al. **J Belge Radiol** 1984;67(3):193-6

Second-order multiple-scattering theory for charged-particle teletherapy beams. Jette D. **Med Phys** 1985 Mar-Apr;12(2):178-82

Red marrow dose measurement in phantom for tele-irradiation of the nasopharynx by cobalt-60 unit. Weng PS, et al. **Proc Natl Sci Counc Repub China [B]** 1984 Jan;8(1):36-40

Cobalt therapy prophylaxis of recurrence of T1 bladder cancer. Pow-Sang J, et al. **Prog Clin Biol Res** 1984;162B:33-7

[10 years of telecobalt therapy as adjuvant treatment, exclusively or not, in operable breast cancer in women. Experience of the Bordet Institute 1969-1978] Regnier R, et al. **J Belge Radiol** 1984;67(5):299-312 (Eng. Abstr.) **(Fre)**

[Adjuvant treatment and prognostic factors in operable breast cancer in women. 10-year experience in postoperative telecobalt therapy (Bordet Institute, 1969-1978)] Regnier R, et al. **J Belge Radiol** 1984;67(5):291-8 (Eng. Abstr.) **(Fre)**

[Results of telecobalt radiotherapy of esophageal carcinoma] Schalldach U, et al. **Radiobiol Radiother (Berl)** 1984;25(6):811-5 (Eng. Abstr.) **(Ger)**

[Dosimetry of lower segment irradiation in Hodgkin disease. II. Radiation burden of risk organs] Dorsch G, et al. **Strahlentherapie** 1984 Sep;160(9):527-34 (Eng. Abstr.) **(Ger)**

[A multivariate prognosis model for Hodgkin disease] Fischer P, et al. **Strahlentherapie** 1984 Sep;160(9):535-42 (Eng. Abstr.) **(Ger)**

[Effect of antineoplastic agents and ionizing radiation on a human testicular cancer heterograft] Osieka R, et al. **Strahlentherapie** 1985 Jan;161(1):35-46 (Eng. Abstr.) **(Ger)**

[Precautionary radiotherapy of the lateral cervical lymph nodes in carcinoma of the head and neck] Bignardi M, et al. **Acta Otorhinolaryngol Ital** 1984 Sep-Oct;4(5):577-85 (Eng. Abstr.) **(Ita)**

[Comparison of results and complications of 2 methods of treatment of stage Ib cervical cancer: exclusive radiotherapy and combined treatment. I. Results of 5-years' observation of patients treated in 1973-1977] Kietlińska Z. **Nowotwory** 1984 Jul-Sep;34(3):201-12 (Eng. Abstr.) **(Pol)**

[Comparison of the results and complications of 2 methods of treatment of grade Ib cervical cancer: radiotherapy and combined therapy. II. Results of a 3-year follow-up of randomized groups of patients treated from 1978 to 1980] Kietlińska Z. **Nowotwory** 1984 Oct-Dec;34(4):341-8 (Eng. Abstr.) **(Pol)**

[Conservative treatment of breast cancer] Puga J. **Rev Chil Obstet Ginecol** 1983;48(1):26-9 **(Spa)**

ADVERSE EFFECTS

Slipped capital femoral epiphysis following radiotherapy. Barrett IR. **J Pediatr Orthop** 1985 May-Jun;5(3):268-73

[Actinic arterial lesions: effects of a dose of 2000 rads on the iliac artery of rabbits] Aun R, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jan-Feb;39(1):32-4 (Eng. Abstr.) **(Por)**

METHODS

[Irradiation of lymphogranulomatosis patients with large fields of complex configuration, calculating absorbed doses by microcomputer] Belyĭ EK, et al. **Ter Arkh** 1985;57(5):107-10 (Eng. Abstr.) **(Rus)**

RADIOISOTOPES

see related

ISOTOPE LABELING

Bid purchasing of radiopharmaceuticals and radiopaque contrast media. Swanson DP, et al. **Am J Hosp Pharm** 1985 Jul;42(7):1532-6

54Mn2+ as a tracer of the polymerization of actin. Intermediate oligomers condense to give F-actin. Grazi E. **Biochem J** 1984 Nov 1;223(3):571-6

Radiopharmaceuticals: reporting of defective products and abnormal in vivo distributions [letter] Hesslewood SR. **Br J Radiol** 1984 Dec;57(684):1162

In vitro interaction of 63-nickel(II) with chromatin and DNA from rat kidney and liver nuclei. Ciccarelli RB, et al. **Chem Biol Interact** 1985 Jan;52(3):347-60

111Indium-labelled lymphocytes do not image or label the pancreas of the BB/W rat. Gallina DL, et al. **Diabetologia** 1985 Mar;28(3):143-7

Projected uptake and toxicity of selenium compounds from the environment. Medinsky MA, et al. **Environ Res** 1985 Feb;36(1):181-92

Quantitation of esophageal transit by means of 81mKr. Ham HR, et al. **Eur J Nucl Med** 1984;9(8):362-5

81mKr gas and 99mTc-MAA V/Q ratio images for detection of V/Q mismatches. Kramer EL, et al. **Eur J Nucl Med** 1984;9(8):345-50

Toxicology of 85Kr: effects of whole-body immersion exposure on newborn rats. Ballou JE, et al. **Health Phys** 1985 Apr;48(4):453-64

Measurement of absorbed dose from radionuclide solutions mixed intimately with the FBX dosimeter. Benedetto AR, et al. **Health Phys** 1985 Sep;49(3):455-77

Contamination of surface-water bodies after reactor accidents by the erosion of atmospherically deposited radionuclides. Helton JC, et al. **Health Phys** 1985 Jun;48(6):757-71

Air-ground interface correction factors for gamma emitters in air. Jacob P, et al. **Health Phys** 1985 Feb;48(2):183-91

Biotic transport of radionuclides from a low-level radioactive waste site. Kennedy WE Jr, et al. **Health Phys** 1985 Jul;49(1):11-24

Dose-rate conversion factors for external exposure to photon emitters in soil. Kocher DC, et al. **Health Phys** 1985 Feb;48(2):193-205

A method of estimating the risks from ingested radionuclides. Maillie HD. **Health Phys** 1985 Feb;48(2):159-68

The activities and total transformations in the GI tract for ingested radionuclides. Maillie HD. **Health Phys** 1985 Feb;48(2):224-7

An approximate method for estimating the short-term centerline gamma absorbed dose due to a continuous, ground-level release. Nie YF, et al. **Health Phys** 1985 Jul;49(1):100-5

Digital monitoring system for a radioisotope laboratory using a personal computer. Nishizawa K, et al. **Health Phys** 1985 Jul;49(1):88-91

Radionuclide partitioning coefficients in soils and plants and their correlation. Sheppard MI. **Health Phys** 1985 Jul;49(1):106-11

Experimental evaluation of a method for performing personnel beta dosimetry using multi-element thermoluminescent dosimeters. Sherbini S, et al. **Health Phys** 1985 Jul;49(1):55-64

Disposition and effects of 85Kr in pregnant rats. Sikov MR, et al. **Health Phys** 1984 Sep;47(3):417-27

The effect of uncertainty of model parameters on estimates of committed dose equivalent. Wise KN. **Health Phys** 1985 Apr;48(4):501-8

Microscale syntheses of anti-tumour platinum compounds labelled with 191Pt. Baer J, et al. **Int J Appl Radiat Isot** 1985 Mar;36(3):181-4

Tandem Van de Graaff accelerator production of positron labeled radiopharmaceuticals for routine clinical use. Jones SC, et al. **Int J Appl Radiat Isot** 1984 Aug;35(8):721-9

An improved [18O]water target for [18F]fluoride production. Kilbourn MR, et al. **Int J Appl Radiat Isot** 1985 Apr;36(4):327-8

The dissociation of some 111In chelates in the presence of transferrin and haemoglobin studied by PAC. Lurie DJ, et al. **Int J Appl Radiat Isot** 1985 Jan;36(1):57-62

Synthesis and biodistribution of radioarsenic labeled dimethylarsinothiols: derivatives of penicillamine and mercaptoethanol. Emran A, et al. **Int J Nucl Med Biol** 1984;11(3-4):259-61

Quantitative split dose thallium-201 imaging with exercise: a technique for obtaining rest and exercise perfusion images in one setting and markedly reducing the study time. Okada RD, et al. **J Am Coll Cardiol** 1985 Jan;5(1):70-7

Thallium-201 myocardial imaging in children. Sty JR, et al. **J Am Coll Cardiol** 1985 Jan;5(1 Suppl):128S-139S

Synthesis of high specific activity [75Br]- and [77Br]bromperidol and tissue distribution studies in the rat. Moerlein SM, et al. **J Med Chem** 1985 Sep;28(9):1319-24

The synthesis of 2-[F-18]fluoro-2-deoxy-D-glucose using glycals: a reexamination. Bida GT, et al. **J Nucl Med** 1984 Dec;25(12):1327-34

Aromatic radiofluorination with [18F]fluorine gas: 6-[18F]fluoro-L-dopa. Firnau G, et al. **J Nucl Med** 1984 Nov;25(11):1228-33

Chemotoxicity of indium-111 oxine in mammalian cells. Kassis AI, et al. **J Nucl Med** 1985 Feb;26(2):187-90

Relative reactivity of DTPA, immunoreactive antibody-DTPA conjugates, and nonimmunoreactive antibody-DTPA conjugates toward indium-111. Paik CH, et al. **J Nucl Med** 1985 May;26(5):482-7

Syntheses and specific activity determinations of no-carrier-added (NCA) F-18-labeled butyrophenone neuroleptics--benperidol, haloperidol, spiroperidol, and pipamperone. Shiue CY, et al. **J Nucl Med** 1985 Feb;26(2):181-6

FDA letter to radioactive drug research chairpersons [letter] Temple R. **J Nucl Med** 1985 Jul;26(7):815-6

Selection of patients for preoperative coronary angiography: use of dipyridamole-stress—thallium myocardial imaging. Brewster DC, et al. **J Vasc Surg** 1985 May;2(3):504-10

Radionuclide selection and model absorbed dose calculations for radiolabeled tumor associated antibodies. Wessels BW, et al. **Med Phys** 1984 Sep-Oct;11(5):638-45

Diagnostic accuracy of thallium-201 myocardial perfusion imaging in detecting ischemia in patients on regular dialysis treatment [letter] Kramer W, et al. **Nephron** 1984;

38(4):277-9

Potential of 109Pd-labeled lymphocytes for selective lymphatic ablation. Fawwaz RA, et al. **Nuklearmedizin** 1984 Dec;23(6):333-5

Radionuclides, regulations, and rationality [editorial] Atkins HL, et al. **NY State J Med** 1984 Oct;84(10):486-7

111Indium labeling of cultured human tumor cells. Lockshin A, et al. **Oncology** 1985;42(5):322-7

Use of two ionisation chambers with a commercial isotope assay calibrator. Dye RE, et al. **Phys Med Biol** 1984 Dec; 29(12):1571-3

Radiopharmaceuticals labeled with short-lived positron-emitting radionuclides. Welch MJ, et al. **Radioisotopes** 1985 Mar;34(3):170-9 (136 ref.)

Platelet regeneration time after aspirin ingestion and platelet survival time after labelling with 51chromium or 111indium oxine—a comparative study. Boneu A, et al. **Thromb Haemost** 1985 Apr 22;53(2):260-3

[Comparison of the effects of a single dose with the continuous administration of some traditional Chinese drugs on the myocardial uptake of 86Rb in mice] Zhang BH. **Chung Yao Tung Pao** 1985 Feb;10(2):90-2 **(Chi)**

[Determination of myocardial perfusion in clinical practice and in experiments on focal ischemia; evaluation of the methods used] Kasalický J, et al. **Cesk Fysiol** 1984; 33(4):343-6 **(Cze)**

[Biokinetics of radioactive tracers: reappraisal of various concepts in the light of positron emission tomography] Depresseux JC. **Ann Radiol (Paris)** 1984 Dec;27(8):702-7 (Eng. Abstr.) **(Fre)**

[Comparative study of possibilities presented to biomedical studies by stable and radioactive isotopes] Balaban AT, et al. **Physiologie** 1985 Jan-Mar;22(1):71-4 **(Fre)**

[Contamination of human skin by radionuclides] Pratzel H, et al. **Nuklearmedizin** 1984 Aug;23(4):197-200 (Eng. Abstr.) **(Ger)**

[Current topics in radiopharmaceutical in Japan (IX). Future trend of radiopharmaceuticals] Kojima M. **Radioisotopes** 1984 Jul;33(7):510-2 **(Jpn)**

[Access control system for a radioisotope laboratory with a personal computer] Nishizawa K, et al. **Radioisotopes** 1984 Nov;33(11):768-75 (Eng. Abstr.) **(Jpn)**

[Tests on type A packages for radioisotope transportation] Ogita T, et al. **Radioisotopes** 1985 Apr;34(4):242-5 **(Jpn)**

[Field use of instrumentation applying radioisotopes. Nondestructive inspection] Shigeta M. **Radioisotopes** 1985 Jan;34(1):47-51 **(Jpn)**

[Field use of instrumentation applying radioisotopes. Introduction] Tominaga H. **Radioisotopes** 1985 Jan;34(1):46 **(Jpn)**

[Application of nuclear technic in civil engineering] Yamamoto T. **Radioisotopes** 1985 Jan;34(1):52-6 **(Jpn)**

[Radionuclide sensitivity of a plastic scintillator] Li DKh, et al. **Med Tekh** 1984 Jul-Aug;(4):12-4 (Eng. Abstr.) **(Rus)**

[Modeling radiation damage to DNA using radionuclides incorporated into polynucleotides] Korolev VG. **Radiobiologiia** 1984 Nov-Dec;24(6):728-38 (Eng. Abstr.) **(Rus)**

[Internal contamination with radionuclides and methods of therapy] Kargačin B. **Arh Hig Rada Toksikol** 1984 Jun; 35(2):199-225 (198 ref.) (Eng. Abstr.) **(Ser)**

ADMINISTRATION & DOSAGE

Liposomes as carriers of antiarthritic agents. Knight CG, et al. **Ann NY Acad Sci** 1985;446:415-28

192Ir pharyngoepiglottic fold interstitial implants. The key to successful treatment of base tongue carcinoma by radiation therapy. Goffinet DR, et al. **Cancer** 1985 Mar 1;55(5):941-8

Campbell's theorems and calculations on the effects of randomly distributed intakes of radioactive materials. McAulay IR, et al. **Health Phys** 1985 Apr;48(4):485-6

Requirements for a treatment planning system for radioimmunotherapy. DeNardo GL, et al. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):335-48 (65 ref.)

Removable high intensity iridium-192 brain implants. Technique and in vivo measurements in canine brain. Sewchand W, et al. **J Neurooncol** 1984;2(3):177-85

Regional pulmonary distribution of krypton-81m gas delivered by different breathing systems. Mostafa AB, et al. **J Nucl Med** 1985 Feb;26(2):191-3

Use of the afterloading technique for intraoral radiation carriers. Minsley GE, et al. **J Prosthet Dent** 1985 May; 53(5):676-8

Acute toxicity and preliminary therapeutic results of pelvic lymphadenectomy combined with transperineal interstitial implantation of 192IR and external beam radiotherapy for locally advanced prostate cancer. Brindle JS, et al. **Urology** 1985 Mar;25(3):233-8

[Lymphographically detectable long-term changes caused by endolymphatic radionuclide therapy (ELRT) in the infradiaphragmatic lymph system] Müller RP, et al. **Strahlentherapie** 1985 Apr;161(4):239-43 (Eng. Abstr.) **(Ger)**

[Radiation dose to the lung following endolymphatic radionuclide therapy of melanoma of the lower limbs] Müller RP, et al. **Strahlentherapie** 1985 Jan;161(1):23-9 (Eng. Abstr.) **(Ger)**

ADVERSE EFFECTS

Fogging of radiographs by in vivo radionuclides. Noss PJ, et al. **AJR** 1985 Apr;144(4):847-8

Adverse reactions to radiopharmaceuticals. United Kingdom 1977-1983. Keeling DH, et al. **Br J Radiol** 1984 Dec; 57(684):1091-6

Environmental and health effects of the nuclear industry and nuclear weapons: a current evaluation. Johnson CJ. **Ecol Dis** 1982;1(2-3):135-52 (69 ref.)

European system for reporting of adverse reactions and drug defects: second report 1982-1983. **Eur J Nucl Med** 1984; 9(8):388-9

EPA scraps radionuclide regulations [news] Sun M. **Science** 1984 Nov 9;226(4675):672-3

[Complications of preoperative high-dose-rate iridium-192 irradiation in cervix uteri carcinoma] Kucera H, et al. **Onkologie** 1984 Aug;7(4):244-8 (Eng. Abstr.) **(Ger)**

[The sixth report on survey of the adverse reaction to radiopharmaceuticals (the 9th survey in 1983)] **Kaku Igaku** 1985 Apr;22(4):551-5 **(Jpn)**

[Morphological studies of the oral cavity of rats after the administration of selenium] Fijał D. **Folia Med Cracov** 1984; 25(1-2):57-71 (Eng. Abstr.) **(Pol)**

ANALYSIS

Radiological health implications of lead-210 and polonium-210 accumulations in LPG refineries. Summerlin J Jr, et al. **Am Ind Hyg Assoc J** 1985 Apr;46(4):202-5

An apparatus for rapid kinetic analysis of isotopic efflux from membrane vesicles and of ligand dissociation from membrane proteins. Forbush B 3d. **Anal Biochem** 1984 Aug 1;140(2):495-505

Bromine-82 contamination in fission product 99mTc-generator eluate. McAuley R, et al. **Eur J Nucl Med** 1985;10(1-2):60-2

Measurements of the rubidium isotopic activities and the elution parameters of 81mKr generators using a standardized 114mIn source. Williams NR, et al. **Eur J Nucl Med** 1985;10(1-2):33-8

Measurements of effluent radioactivity during the incineration of carcasses containing radioactive microspheres. Brekke DD, et al. **Health Phys** 1985 Mar; 48(3):339-41

Nuclear fuel-cycle radionuclides in raptor castings: implications for environmental monitoring. Cadwell LL, et al. **Health Phys** 1984 Nov;47(5):723-8

Relationship between the 210Pb content of teeth and exposure to Rn and Rn daughters. Clemente GF, et al. **Health Phys** 1984 Aug;47(2):253-62

A comparison of radionuclide concentrations in 1956 and 1973 Enewetak beach material. Cohen N, et al. **Health Phys** 1985 Feb;48(2):228-30

Radionuclide concentrations in mule deer with reference to waste-management ponds on the Hanford Site. Eberhardt LE, et al. **Health Phys** 1984 Nov;47(5):753-9

The optimization of the analysis of 63Ni in urine. Kramer GH. **Health Phys** 1984 Oct;47(4):623-7

Krypton-85 purge at Three Mile Island: a comparison of measured and calculated surface air concentrations. Kunz C, et al. **Health Phys** 1985 Sep;49(3):522-6

Radioactivity in books produced during the last 50 years. Lalit BY, et al. **Health Phys** 1984 Sep;47(3):447-51

Measurement of 210Pb atmospheric flux in the Pacific Northwest. Nevissi AE. **Health Phys** 1985 Feb;48(2):169-74

The use of planar high-purity Ge detectors for in vivo measurement of low-energy photon emitters. Palmer HE, et al. **Health Phys** 1984 Oct;47(4):569-78

Lead-210 in uranium mine and mill workers. Palmer HE, et al. **Health Phys** 1984 Oct;47(4):632-4

Radiocontamination in medical centers from diagnostic nuclear medicine procedures. Wiatrowski WA, et al. **Health Phys** 1984 Aug;47(2):297-8

Quantitative measurement of blood-brain barrier permeability using rubidium-82 and positron emission tomography. Brooks DJ, et al. **J Cereb Blood Flow Metab** 1984 Dec;4(4):535-45

Airborne radionuclides onto pine needles collected in the vicinity of the nuclear power plant. Watabe T, et al. **J Radiat Res (Tokyo)** 1984 Jun;25(2):140-9

A new possibility for simultaneous determination of radioactive and stable isotopes in environmental samples by the substoichiometric method. Ikeda N, et al. **Radioisotopes** 1985 Feb;34(2):99-100

[Monitoring of experimental contamination of radioactive nuclides in organism by autoradiography] Zhu SP. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1985 Jan;19(1):5-7 (Eng. Abstr.) **(Chi)**

[Studies on background radioactivity in the Niigata City area—identification of natural nuclides present in underground (well) water samples] Murakami N, et al. **Radioisotopes** 1984 Sep;33(9):632-5 (Eng. Abstr.) **(Jpn)**

[Determination of radioactive impurities in radiopharmaceuticals containing cyclotron-produced radioisotopes] Muto T. **Radioisotopes** 1985 Mar;34(3):162-5 **(Jpn)**

[Radioactive nuclides in the marine environment—distribution and behaviour of 95Zr, 95Nb originated from fallout] Yamato A, et al. **Radioisotopes** 1984 Jul;33(7):449-55 (Eng. Abstr.) **(Jpn)**

[Natural radionuclides in the air in areas of industrial pollution] Kvapulin'ski E, et al. **Gig Sanit** 1984 Jul;(7):56-8 **(Rus)**

[Effect of various meteorological factors on changes in the level of radon degradation products] Kvapulin'ski E, et al. **Gig Sanit** 1984 Aug;(8):75-7 **(Rus)**

[The optimum method of controlling the human intake of radionuclides from water supplies] Pakulo AG. **Gig Sanit** 1984 Nov;(11):53-5 **(Rus)**

[Migration of Sr-90 and Mn-54 from soil and irrigation water to agricultural crops grown in different types of soil] Tomilin IuA. **Gig Sanit** 1984 Dec;(12):16-9 (Eng. Abstr.) **(Rus)**

[Determination of concentration of Mn-54 in plant and soil samples] Vintsukevich NV, et al. **Gig Sanit** 1984 Aug; (8):88-90 **(Rus)**

BLOOD

Intracellular Ca2+ buffering potentiates an 86Rb+ permeability response in human lymphocytes. Heikkilä R, et al. **Acta Physiol Scand** 1985 Jun;124(2):247-51

[Metabolic characteristics of 99Mo in the blood] Shvydko NS, et al. **Gig Sanit** 1985 Jun;(6):85-7 **(Rus)**

DIAGNOSTIC USE

Effect of beta-blockade on thallium-201 dipyridamole myocardial scintigraphy. Bonaduce D, et al. **Acta Cardiol (Brux)** 1984;39(6):399-408

Thallium tomography in the detection of myocardial perfusion defects. Bone D, et al. **Acta Med Scand [Suppl]** 1985;694:109-19

Blood flow in rabbit osteotomies studied with radioactive microspheres. Aalto K, et al. **Acta Orthop Scand** 1984 Dec; 55(6):637-9

Blood flow in the rabbit maxillary sinus mucosa. Measurement with a diffusible and a non-diffusible tracer. Kumlien JA, et al. **Acta Otolaryngol (Stockh)** 1985 Jan-Feb; 99(1-2):144-53

Combined scintiscans in the diagnosis of thyroid carcinomas. Makimoto K, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984; 419:189-94

Improved detection of upper abdominal abscesses by combination of 99mTc sulfur colloid and 111In leukocyte scanning. Datz FL, et al. **AJR** 1985 Feb;144(2):319-23

Detection of abdominal aortic graft infection: comparison of CT and in-labeled white blood cell scans. Mark AS, et al. **AJR** 1985 Feb;144(2):315-8

Limitations of visual assessment of redistribution in thallium images. DiCola J, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):926-32

Prognostic implications of exercise thallium-201 scintigraphy in patients with suspected or known coronary artery disease. Iskandrian AS, et al. **Am Heart J** 1985 Jul;110(1 Pt 1):135-43

Thallium-201 myocardial scintigraphy. Iskandrian AS, et al. **Am Heart J** 1985 Jan;109(1):113-29 (83 ref.)

Quantitative thallium-201 imaging: limitations in detecting pathophysiologically significant obstructive coronary artery disease. Madeira SW Jr, et al. **Am Heart J** 1984 Dec;108(6):1448-54

The severe stress thallium defect: an indicator of critical coronary stenosis. Reisman S, et al. **Am Heart J** 1985 Jul; 110(1 Pt 1):128-34

Thallium-201 exercise scintigraphy and left bundle branch block. Braat SH, et al. **Am J Cardiol** 1985 Jan 1;55(1):224-6

Positive exercise thallium-201 test responses in patients with less than 50% maximal coronary stenosis: angiographic and clinical predictors. Brown KA, et al. **Am J Cardiol** 1985 Jan 1;55(1):54-7

Coronary artery reperfusion in acute myocardial infarction: assessment by pre- and postintervention thallium-201 myocardial perfusion imaging. De Coster PM, et al. **Am J Cardiol** 1985 Apr 1;55(8):889-95

Value of noninvasive assessment of patients with atypical chest pain and suspected coronary spasm using ergonovine infusion and thallium-201 scintigraphy. DiCarlo LA Jr, et al. **Am J Cardiol** 1984 Oct 1;54(7):744-8

Assessment of hemodynamic significance of isolated stenoses of the left anterior descending coronary artery using thallium-201 myocardial scintigraphy. Kalff V, et al. **Am J Cardiol** 1985 Feb 1;55(4):342-6

Right-axis deviation and anterior wall thallium-201 defect in Becker's muscular dystrophy. Levin RN, et al. **Am J Cardiol** 1985 Jul 1;56(1):203-4

Potential limitations of quantitative thallium scanning. McCarthy DM, et al. **Am J Cardiol** 1985 Jan 1;55(1):215-7

Prognosis with chest pain and normal thallium-201 exercise scintigrams. Pamelia FX, et al. **Am J Cardiol** 1985 Apr 1;55(8):920-6

Detection of platelet deposition at the site of peripheral balloon angioplasty using indium-111 platelet scintigraphy. Pope CF, et al. **Am J Cardiol** 1985 Feb 1;55(4):495-7

Continuous determination of regional myocardial blood flow with intracoronary krypton-81m in coronary artery disease. Remme WJ, et al. **Am J Cardiol** 1985 Sep 1; 56(7):445-51

Some unanswered problems with probability analysis: possible impact on exercise thallium test use. Steingart RM, et al. **Am J Cardiol** 1985 Jan 1;55(1):240-2

Thallium-201 scintigraphy in left bundle branch block [letter] Tellier P, et al. **Am J Cardiol** 1984 Nov 1;54(8):1171-2

Noninvasive investigation of the gastrointestinal tract in collagen-vascular disease. Keshavarzian A, et al.

Am J Gastroenterol 1984 Nov;79(11):873-7

Role of delayed indium-111 labeled leukocyte scan in the management of Crohn's disease. Slaton GD, et al. **Am J Gastroenterol** 1985 Oct;80(10):790-5

Diagnostic value of bone marrow imaging with 111indium-transferrin and 99m technetium-colloids in myelofibrosis. Arrago JP, et al. **Am J Hematol** 1985 Mar; 18(3):275-82

Use of 75Se-labeled methionine to study the sequestration of senescent red blood cells. Smedsrød B, et al. **Am J Hematol** 1985 Jan;18(1):31-40

Localization of ectopic parathyroid adenomas by the technetium-thallium subtraction scan. Ott R, et al. **Am Surg** 1985 Jun;51(6):344-8

Measurements of cell-mediated cytotoxicity on target cells labelled with the indium-111-oxine complex. Smet-Donnay M, et al. **Ann Biol Clin (Paris)** 1985; 43(3):285-8

Dipyridamole-thallium imaging [letter] Held AC. **Arch Intern Med** 1985 Oct;145(10):1927, 1929

Prognostic implications of normal exercise thallium 201 images. Wahl JM, et al. **Arch Intern Med** 1985 Feb; 145(2):253-6

Comparison of indium 111-labeled platelets v leukocytes in a pyogenic abscess. Wright TP, et al. **Arch Surg** 1985 Feb; 120(2):137-41

Detection of high risk coronary artery disease by thallium imaging. O'Hara MJ, et al. **Br Heart J** 1985 Jun; 53(6):616-23

Improved detection of myocardial infarction by emission computed tomography with thallium-201. Relation to infarct size. Tamaki S, et al. **Br Heart J** 1984 Dec; 52(6):621-7

Predictive value of early maximal exercise test and thallium scintigraphy after successful percutaneous transluminal coronary angioplasty. Wijns W, et al. **Br Heart J** 1985 Feb; 53(2):194-200

Measurement of platelet life-span in normal subjects and patients with myeloproliferative disease with indium oxine labelled platelets. Bautista AP, et al. **Br J Haematol** 1984 Dec;58(4):679-87

Nuclear medicine: a clinical service. Fogelman I, et al. **Br J Hosp Med** 1985 Jun;33(6):332-4

Thallium-201 scintigraphy for ischaemic heart disease and infarct detection: comparison of rotating slant-hole tomography and planar imaging. Mills JA, et al. **Br J Radiol** 1985 Jul;58(691):625-34

A comparison of the economics of xenon 127, xenon 133 and krypton 81m for routine ventilation imaging of the lungs. Nimmo MJ, et al. **Br J Radiol** 1985 Jul;58(691):635-6

111-Indium platelets in monitoring pancreatic allografts in man. Jurewicz WA, et al. **Br J Surg** 1985 Mar;72(3):228-31

Thallium-technetium subtraction scintigraphy as an aid to parathyroid surgery. Percival RC, et al. **Br J Urol** 1985 Apr;57(2):133-6

Dynamic studies of lymphocytes labelled with indium-111 during and after treatment with monoclonal anti-idiotype antibody in advanced B cell lymphoma. Rankin EM, et al. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1097-100

The cardiomyopathy in Friedreich's ataxia: isotopic ventriculography and myocardial imaging with thallium-201. Therriault L, et al. **Can J Neurol Sci** 1984 Nov;11(4 Suppl):588-91

Radioimmunoimaging in malignant melanoma with 111In-labeled monoclonal antibody 96.5. Murray JL, et al. **Cancer Res** 1985 May;45(5):2376-81

Effect of prostaglandin E1 on fractional distribution of cardiac output and organ blood flow in man: a simultaneous and non-invasive determination using double dose thallium-201 scintigraphy. Adachi H, et al. **Cardiovasc Res** 1984 Nov;18(11):657-62

Dipyridamole thallium testing. An alternative form of stress testing in patients unable to exercise [editorial] Reisman S. **Chest** 1985 Sep;88(3):321-2

Slow regional clearance of myocardial thallium-201 in the absence of perfusion defect: contribution to detection of individual coronary artery stenoses and mechanism for occurrence. Abdulla A, et al. **Circulation** 1985 Jan; 71(1):72-9

Intrinsic washout rates of thallium-201 in normal and ischemic myocardium after dipyridamole-induced vasodilation. Beller GA, et al. **Circulation** 1985 Feb; 71(2):378-86

Exercise thallium-201 scintigraphy in dogs: effects of long-term coronary occlusion and collateral development on early and late scintigraphic images. Cohen MV, et al. **Circulation** 1985 Oct;72(4):881-91

Quantitative angiography of the left anterior descending coronary artery: correlations with pressure gradient and results of exercise thallium scintigraphy. Wijns W, et al. **Circulation** 1985 Feb;71(2):273-9

Impact of thallium-201 imaging on clinical assessment and management of patients with chest pain. Schmoliner R, et al. **Clin Cardiol** 1984 Dec;7(12):660-6

Dual isotope subtraction parathyroid scintigraphy in the preoperative evaluation of suspected hyperparathyroidism. Basarab RM, et al. **Clin Nucl Med** 1985 Apr;10(4):300-14

Demonstration of a false-positive lesion on indium-111 leukocyte scintigraphy in a case of active Crohn's disease. Dickerson M, et al. **Clin Nucl Med** 1985 Jun;10(6):413-4

Indium-111 chloride for detecting suspected hepatomas in patients with focal defects on technetium-99m sulfur colloid liver imaging. Fawcett HD, et al. **Clin Nucl Med** 1985 Jun;10(6):410-2

Localization of enlarged parathyroid glands by thallium-201 and technetium-99m subtraction imaging. Gland mass and parathormone levels in primary hyperparathyroidism. Gimlette TM, et al. **Clin Nucl Med** 1985 Apr;10(4):235-9

Parathyroid adenomas and hyperplasia. Dual radionuclide scintigraphy and bone densitometry studies. Gupta SM, et al. **Clin Nucl Med** 1985 Apr;10(4):243-7

Giant parathyroid adenoma demonstrated by dual tracer parathyroid imaging. Intenzo C, et al. **Clin Nucl Med** 1985 Apr;10(4):240-2

Detection of clinically unsuspected pyometrium with indium-111 leukocyte scintigraphy. Rubenstein JB, et al. **Clin Nucl Med** 1985 Apr;10(4):287

Thallium-201 scintigraphic visualization at rest of a dilated and hypertrophied right ventricle in a patient with sarcoidosis complicated by cor pulmonale. Shih WJ, et al. **Clin Nucl Med** 1985 Jun;10(6):422-3

The role of nuclear imaging in the management of the first total artificial heart recipient. Taylor A Jr, et al. **Clin Nucl Med** 1985 Jun;10(6):427-31

Role of exercise testing and stress thallium scintigraphy in the management of old men with suspected or documented coronary artery disease. Detry JM, et al. **Eur Heart J** 1984 Nov;5 Suppl E:75-7

Report of the Joint International Society and Federation of Cardiology/World Health Organization Task Force on Nuclear Cardiology. Zaret BL, et al. **Eur Heart J** 1984 Oct;5(10):850-63

Krypton-81m and 5-micron radioaerosol images in asymptomatic asthma: a blind marking assessment. Agnew JE, et al. **Eur J Nucl Med** 1984;9(11):502-7

The early platelet uptake and distribution of platelets in small-diameter polytetrafluoroethylene (PTFE) vascular grafts in vivo. Christenson JT, et al. **Eur J Nucl Med** 1985; 10(3-4):160-4

Factor analysis of 81mKr lung ventilation studies. Cinotti L, et al. **Eur J Nucl Med** 1985;10(11-12):511-8

Lung scintigraphy [letter] Creutzig H. **Eur J Nucl Med** 1985; 10(11-12):568

Improved synthesis and low-temperature autoradiographic evaluation of 18F-n-fluoropropane as a myelin tracer for positron emission tomography. Diksic M, et al. **Eur J Nucl Med** 1984;9(12):553-7

The detection and evaluation of drug-induced changes in the gastrointestinal motility of beagle dogs using a 111In-labelled resin mixed into a standard meal as tracer. Dormehl IC, et al. **Eur J Nucl Med** 1985;10(5-6):283-5

Successful localisation of parathyroid adenomata by thallium-201 and technetium-99m subtraction scintigraphy: description of an improved technique. Fogelman I, et al. **Eur J Nucl Med** 1984;9(12):545-7

Regional specific mean expiratory gas flow from 81mKr equilibrium inhalation data. Hamilton D, et al. **Eur J Nucl Med** 1985;10(7-8):321-31

Indium leucocyte imaging in true pyrexia of unknown origin. Hawker RJ, et al. **Eur J Nucl Med** 1985;10(3-4):172-4

Autoradiographical investigations on the affinity of acetyl-(103Ru)-ruthenocene for the adrenal glands of mice. Herken R, et al. **Eur J Nucl Med** 1985;10(1-2):56-9

Potential of SeHCAT retention as an indicator of terminal ileal involvement in inflammatory bowel disease. Holdstock G, et al. **Eur J Nucl Med** 1985;10(11-12):528-30

Effective dose equivalent from radiopharmaceuticals. Johansson L, et al. **Eur J Nucl Med** 1984;9(11):485-9

Intravenous streptokinase therapy in acute myocardial infarction: assessment of therapy effects by quantitative 201Tl myocardial imaging (including SPECT) and radionuclide ventriculography. Köhn H, et al. **Eur J Nucl Med** 1984;9(9):408-12

A 201T1 perfusion defect in a case with rate-dependent left bundle-branch block (LBBB). Kurata C, et al. **Eur J Nucl Med** 1985;10(3-4):169-71

The preparation and characterisation of 111In-labelled 791T/36 monoclonal antibody for tumour immunoscintigraphy. Perkins AC, et al. **Eur J Nucl Med** 1985;10(7-8):296-301

Role of 201Tl in the management of cardiac transplantation. Pinedo JI, et al. **Eur J Nucl Med** 1985;10(5-6):203-7

Positive 111In-granulocyte scintigraphy in a patient with focal leukemic blast cell infiltrations. Syrjälä M, et al. **Eur J Nucl Med** 1985;10(11-12):557-9

Ru-labeled ruthenocenoyl-glycine: comparison of clearance with hippuran. Wenzel M, et al. **Eur J Nucl Med** 1985; 10(3-4):138-42

An improved method for the quantification of the in vivo kinetics of a representative population of 111In-labelled human platelets. Wessels P, et al. **Eur J Nucl Med** 1985; 10(11-12):522-7

Measurements of the rubidium isotopic activities and the elution parameters of 81mKr generators using a standardized 114mIn source. Williams NR, et al. **Eur J Nucl Med** 1985;10(1-2):33-8

Positron tomography of a radio-brominated analog of the D1/DA1 antagonist, SCH 23390. Friedman AM, et al. **Eur J Pharmacol** 1985 Feb 5;108(3):327-8

Preoperative localization of parathyroid tumors by 201Tl/99mTc subtraction scanning. Schoenenberger A, et al. **Eur Urol** 1985;11(1):17-21

Technique of labeling monocytes with 111In-Fe colloid for use in humans. Ensing GJ, et al. **Exp Hematol** 1985 Jan; 13(1):1-6

111In-leukocytes in Crohn's disease [letter] Sorokin JJ, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):221

Body composition in elderly people. I. Determination of body composition by multiisotope method and the elimination kinetics of these isotopes in healthy elderly subjects. Fülöp T Jr, et al. **Gerontology** 1985;31(1):6-14

Evaluation of indium scintigraphy in patients with active inflammatory bowel disease. Buxton-Thomas MS, et al. **Gut** 1984 Dec;25(12):1372-5

111Indium autologous granulocytes in the detection of inflammatory bowel disease. Saverymuttu SH, et al. **Gut** 1985 Sep;26(9):955-60

Clinical application of a selenium (75Se)-labelled bile acid for the investigation of terminal ileal function. Nyhlin H, et al. **Hepatogastroenterology** 1984 Aug;31(4):187-91

Scintigraphic examination of total hip arthroplasty: comparison of indium with technetium-gallium in the loose and infected canine arthroplasty. Merkel KD, et al. **Hip** 1984;:163-92

Nuclear stethoscope--cardiac probe. Khanna CM. **Indian Heart J** 1984 Nov-Dec;36(6):408-11

Radioactive bromide partition test in the diagnosis of tubercular meningitis in children. Srivastava VK, et al. **Indian J Med Res** 1985 May;81:448-53

A simple factor for the evaluation of the specific activity of radiopharmaceuticals. Oberdorfer F. **Int J Appl Radiat Isot** 1985 Apr;36(4):329-30

Synthesis and some characteristics of no-carrier added [18F]fluorotrimethylsilane. Rosenthal MS, et al. **Int J Appl Radiat Isot** 1985 Apr;36(4):318-9

Interaction between verapamil and beta-methyldigoxin. Study by 86Rubidium uptake in erythrocytes. De Cesaris R, et al. **Int J Clin Pharmacol Res** 1983;3(2):107-9

Study of the distribution of tumor affinity metal compounds and alkaline metal compounds in the tumor tissues by macroautoradiography. Ando A, et al. **Int J Nucl Med Biol** 1984;11(2):195-201

A simple synthesis of 18F-labelled 5-fluorouracil using acetylhypofluorite. Diksic M, et al. **Int J Nucl Med Biol** 1984;11(2):141-2

Comparison of myocardial uptake and distribution of thallium-201 and two prototype receptor-binding radiopharmaceuticals in the normal and ischemic canine heart. Eckelman WC, et al. **Int J Nucl Med Biol** 1984; 11(3-4):287-90

Distribution and stability of [111In]bleomycin and its fractions in tumor-bearing mice. Hou DY, et al. **Int J Nucl Med Biol** 1984;11(2):129-39

A stochastic interpretation of thallium myocardial perfusion scintigraphy. Goris ML, et al. **Invest Radiol** 1985 May-Jun; 20(3):253-9

Early changes in thallium distribution. Effect on quantitative analysis. Makler PT Jr, et al. **Invest Radiol** 1985 Jan-Feb; 20(1):9-16

In vivo imaging and evaluation of platelet accumulation vs. time at arterial injury site. Park JH, et al. **Invest Radiol** 1985 May-Jun;20(3):287-92

Intracoronary thallium-201 assessment of thrombolysis in acute myocardial infarction. Validation of the method of imaging before and after therapy. Parker JA, et al. **Invest Radiol** 1985 Jan-Feb;20(1):17-20

The influence of heparin on the in vivo distribution of IN-111 labeled platelets. Zoghbi SS, et al. **Invest Radiol** 1985 Mar-Apr;20(2):198-202

Interaction of 'supplementary' scintigraphic indicators of ischemia and stress electrocardiography in the diagnosis of multivessel coronary disease. Canhasi B, et al. **J Am Coll Cardiol** 1985 Sep;6(3):581-8

Electrocardiographic changes of acute lateral wall myocardial infarction: a reappraisal based on scintigraphic localization of the infarct. Movahed A, et al. **J Am Coll Cardiol** 1984 Oct;4(4):660-6

Clinical use of ultrashort-lived radionuclide krypton-81m for noninvasive analysis of right ventricular performance in normal subjects and patients with right ventricular dysfunction. Nienaber CA, et al. **J Am Coll Cardiol** 1985 Mar;5(3):687-98

Stress thallium-201 transaxial emission computed tomography: quantitative versus qualitative analysis for evaluation of coronary artery disease. Tamaki N, et al. **J Am Coll Cardiol** 1984 Dec;4(6):1213-21

Prognostic significance of normal quantitative planar thallium-201 stress scintigraphy in patients with chest pain. Wackers FJ, et al. **J Am Coll Cardiol** 1985 Jul;6(1):27-30

Nuclear medicine: implications for podiatry. Shuer ML, et al. **J Am Podiatr Med Assoc** 1985 Feb;75(2):90-8

Use of 111In-labeled autologous leukocytes to image an abdominal abscess in a horse. Koblik PD, et al. **J Am Vet Med Assoc** 1985 Jun 15;186(12):1319-22

Segmental analysis of Tl-201 stress myocardial tomography evaluation by angiographic data. Mortelmans LA, et al. **J Belge Radiol** 1985;68(1):43-51

Comparison of indium-labeled-leukocyte imaging with sequential technetium-gallium scanning in the diagnosis of low-grade musculoskeletal sepsis. A prospective study. Merkel KD, et al. **J Bone Joint Surg [Am]** 1985 Mar; 67(3):465-76

A method to quantitate the fractional extraction of rubidium-82 across the blood-brain barrier using positron emission tomography. Lammertsma AA, et al. **J Cereb Blood Flow Metab** 1984 Dec;4(4):523-34

Hepatic abscesses associated with Crohn's disease detected by 111Indium leucocyte scanning. Saverymuttu SH, et al. **J Clin Gastroenterol** 1985 Jun;7(3):273–6

Positron emission tomography with ([11C]methyl)–L–methionine, [11C]D–glucose, and [68Ga]EDTA in supratentorial tumors. Ericson K, et al. **J Comput Assist Tomogr** 1985 Jul–Aug;9(4):683–9

Comparison of imaging methods for diagnosing enlarged parathyroid glands in chronic renal failure. Takagi H, et al. **J Comput Assist Tomogr** 1985 Jul–Aug;9(4):733–7

Myocardial imaging agents: synthesis, characterization, and evaluation of (Z)– and (Z,E)–18–[82Br]bromo–5–tellura–17–octadecenoic acids. Srivastava PC, et al. **J Med Chem** 1985 Apr;28(4):408–13

Indium–111–oxine–labeled leukocyte imaging. Palace FM, et al. **J Med Soc NJ** 1984 Nov;81(11):959–63

Thallium 201 exercise scintigraphy for detection of multivessel coronary artery disease after transmural myocardial infarction. Ahmadpour H, et al. **J Natl Med Assoc** 1984 Dec;76(12):1193–200

Progressive supranuclear palsy and In111–DTPA cisternography. Brusa A, et al. **J Neurol Neurosurg Psychiatry** 1984 Nov;47(11):1238–40

The design and construction of a multiple proportional counter used to study axonal transport. Snyder RE. **J Neurosci Methods** 1984 Jun;11(2):79–88

Excretion of radionuclides in human breast milk after the administration of radiopharmaceuticals. Ahlgren L, et al. **J Nucl Med** 1985 Sep;26(9):1085–90

Indium–111 leukocyte imaging in colitis induced by Clostridium difficile [letter] Asbill MC, et al. **J Nucl Med** 1985 Mar;26(3):315–6

Different protocols for parathyroid imaging [letter] Cosgriff PS. **J Nucl Med** 1985 Jun;26(6):667–8

No difference in sensitivity for occult infection between tropolone– and oxine–labeled indium–111 leukocytes. Datz FL, et al. **J Nucl Med** 1985 May;26(5):469–73

Thallium–201 diethyldithiocarbamate: an alternative to iodine–123 N–isopropyl–p–iodoamphetamine. de Bruine JF, et al. **J Nucl Med** 1985 Aug;26(8):925–30

Immunoreactivity and biodistribution of indium–111–labeled monoclonal antibody to a human high molecular weight–melanoma associated antigen. Fawwaz RA, et al. **J Nucl Med** 1985 May;26(5):488–92

Delineation of a transplanted malignant melanoma with indium–111–labeled porphyrin. Foster N, et al. **J Nucl Med** 1985 Jul;26(7):756–60

Quantification of rotational thallium–201 myocardial tomography. Garcia EV, et al. **J Nucl Med** 1985 Jan;26(1):17–26

Clinical evaluation of 360 degrees and 180 degrees data sampling techniques for transaxial SPECT thallium–201 myocardial perfusion imaging. Go RT, et al. **J Nucl Med** 1985 Jul;26(7):695–706

Radiolabeled monoclonal antibodies: radiochemical pharmacokinetic and clinical challenges [editorial] Gobuty AH, et al. **J Nucl Med** 1985 May;26(5):546–8

Chelate conjugates of monoclonal antibodies for imaging lymphoid structures in the mouse. Goodwin DA, et al. **J Nucl Med** 1985 May;26(5):493–502

Effect of protein mass on the pharmacokinetics of murine monoclonal antibodies [letter] Halpern S, et al. **J Nucl Med** 1985 Jul;26(7):818–9

Estimation of the radiation dose in man due to 6–[18F]fluoro–L–dopa. Harvey J, et al. **J Nucl Med** 1985 Aug;26(8):931–5

Pharmacokinetics of an indium–111–labeled monoclonal antibody in cancer patients. Hnatowich DJ, et al. **J Nucl Med** 1985 Aug;26(8):849–58

Krypton–81m imaging of the right ventricle. Horn M, et al. **J Nucl Med** 1985 Jan;26(1):33–6

Monoclonal antibodies in nuclear medicine. Keenan AM, et al. **J Nucl Med** 1985 May;26(5):531–7 (41 ref.)

Preparation of four fluorine– 18–labeled estrogens and their selective uptakes in target tissues of immature rats. Kiesewetter DO, et al. **J Nucl Med** 1984 Nov;25(11):1212–21

Research and clinical potential of receptor based radiopharmaceuticals. Kilbourn MR, et al. **J Nucl Med** 1985 Jun;26(6):655–62 (20 ref.)

Radiolabeled monoclonal anti–tumor antibodies in diagnosis and therapy. Larson SM. **J Nucl Med** 1985 May;26(5):538–45

Contribution of contaminant indium–114m/indium–114 to indium–111 oxine blood dosimetry. Marcus CS, et al. **J Nucl Med** 1985 Sep;26(9):1091–3

Effects of grisorixin on the distribution of thallium–201 and on the oxidative metabolism in cultured myocardial cells. Maublant JC, et al. **J Nucl Med** 1985 Jun;26(6):626–9

Excretion of radioactivity in breast milk after an indium–111 leukocyte scan [letter] Mountford PJ, et al. **J Nucl Med** 1985 Sep;26(9):1096–7

Myocardial perfusion with rubidium–82: III. Theory relating severity of coronary stenosis to perfusion deficit. Mullani NA. **J Nucl Med** 1984 Nov;25(11):1190–6

Effect of a delay in commencing imaging on the ability to detect transient thallium defects. Rothendler JA, et al. **J Nucl Med** 1985 Aug;26(8):880–3

Effect of DTPA conjugation on the antigen binding activity and biodistribution of monoclonal antibodies against alpha–fetoprotein. Sakahara H, et al. **J Nucl Med** 1985 Jul;26(7):750–5

Indium–111 chloride imaging in the detection of infected prostheses. Sayle BA, et al. **J Nucl Med** 1985 Jul;26(7):718–21

Indium–111 chloride imaging in chronic osteomyelitis. Sayle BA, et al. **J Nucl Med** 1985 Mar;26(3):225–9

Computation of ventilation–perfusion studies ratio with krypton–81 pulmonary embolism [letter] Siddiqui AR. **J Nucl Med** 1985 May;26(5):549

Reverse redistribution phenomenon in thallium–201 stress tests: angiographic correlation and clinical significance. Silberstein EB, et al. **J Nucl Med** 1985 Jul;26(7):707–10

Evaluation of indium–111–2–mercaptopyridine–N–oxide for labeling leukocytes in plasma: a kit preparation. Thakur ML, et al. **J Nucl Med** 1985 May;26(5):518–23

Simplified and efficient labeling of human platelets in plasma using indium–111–2–mercaptopyridine–N–oxide: preparation and evaluation. Thakur ML, et al. **J Nucl Med** 1985 May;26(5):510–7

Re: Quantitative evaluation of cerebrospinal fluid shunt flow [letter] Wynchank S, et al. **J Nucl Med** 1984 Nov;25(11):1269–70

Uptake of 75Se–selenomethylcholesterol by a nonfunctioning adrenocortical adenoma. Reschini E, et al. **J Nucl Med Allied Sci** 1984 Jul–Sep;28(3):221–4

Invalidity of single–passage measurements of the extraction of bone–seeking tracers in rats and rabbits. Tothill P, et al. **J Orthop Res** 1984;2(1):75–9

The diagnosis of airway obstruction in children. Stark J, et al. **J Pediatr Surg** 1985 Apr;20(2):113–7

A new tumor imaging agent––111In–bleomycin complex. Comparison with 67Ga–citrate and 57Co–bleomycin in tumor–bearing animals. Hou DY, et al. **J Surg Oncol** 1984 Nov;27(3):189–95

Asymptotic forms of tracer clearance curves: theory and applications of improved extrapolations. Bass L, et al. **J Theor Biol** 1984 Dec 21;111(4):755–85

Indium 111–labeled leukocyte scanning for detection of prosthetic vascular graft infection. Lawrence PF, et al. **J Vasc Surg** 1985 Jan;2(1):165–73

Radioisotope–labeled platelet studies and infection of vascular grafts [letter] Vinter DW, et al. **J Vasc Surg** 1984 Nov;1(6):921

Reversible asymmetric septal hypertrophy in acute myocarditis. Serial findings of two–dimensional echocardiogram and thallium–201 scintigram. Kondo M, et al. **Jpn Circ J** 1985 Jun;49(6):589–93

Radionuclide imaging for assessment of myocarditis and postmyocarditic state in infant and children. Thallium–201 myocardial imaging and technetium–99m–HSA gated equilibrium ventriculography. Saji T, et al. **Jpn Heart J** 1985 May;26(3):413–23

Evaluation of response to dopamine in idiopathic dilated cardiomyopathy by echocardiography and thallium–201 myocardial scintigraphy. Watanabe K, et al. **Jpn Heart J** 1985 May;26(3):379–89

Platelet survival determined with 51Cr versus 111In. Kiefel V, et al. **Klin Wochenschr** 1985 Jan 15;63(2):84–9

Auger cascades and nuclear medicine [editorial] **Lancet** 1985 Sep 7;2(8454):533–4

Detection of aneurysms by gamma–camera imaging after injection of autologous labelled platelets [letter] Lane IF, et al. **Lancet** 1985 Feb 9;1(8424):352

Imaging of hepatoma with 18F–fluorodeoxyglucose [letter] Paul R, et al. **Lancet** 1985 Jan 5;1(8419):50–1

Detection of aneurysms by gamma–camera imaging after injection of autologous labelled platelets. Sinzinger H, et al. **Lancet** 1984 Dec 15;2(8416):1365–7

Quantification of deposition of neutrophilic granulocytes on vascular grafts in dogs with 111In–labeled granulocytes. Dewanjee MK, et al. **Mayo Clin Proc** 1985 Mar;60(3):173–9

Indium 111 (111In) as a label for endothelial cells and fibroblasts used as target cells in cytotoxicity tests. Blann AD, et al. **Med Lab Sci** 1985 Jan;42(1):92–4

Localization of tumours using radiolabelled antibodies. Bradwell AR, et al. **Med Lab Sci** 1984 Jul;41(3):267–78

Derivation of gamma variate indicator dilution function from simple convective dispersion model of blood flow. Harpen MD, et al. **Med Phys** 1984 Sep–Oct;11(5):690–2

The statistical analysis of distribution of blood deposits in arterial prostheses after short–term exposure to reduced blood flow in dogs: a computerized study using radioisotopes. Bernier JM, et al. **Med Prog Technol** 1985;10(4):183–99

Determination of cardiac risk by dipyridamole–thallium imaging before peripheral vascular surgery. Boucher CA, et al. **N Engl J Med** 1985 Feb 14;312(7):389–94

In–vivo detection of tumours and metastases with (monoclonal) antibodies. Haisma H. **Neth J Med** 1985;28(3):108–11

Diagnosis of brain abscesses with indium–111–labeled leukocytes. Rehncrona S, et al. **Neurosurgery** 1985 Jan;16(1):23–6

111In–labelled platelet scintigraphy in Kasabach–Merritt syndrome. Hanada T, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep;47(6):1359–65

Discriminant analysis of thallium–201 myocardial scintigrams. Benjelloun L, et al. **Nucl Med Commun** 1985 Mar;6(3):149–57

Distribution in man of 111In–labelled liposomes containing a water–insoluble antimitotic agent. Frühling J, et al. **Nucl Med Commun** 1984 Apr;5(4):205–8

The clinical utility of gated 201Tl myocardial scintigraphy: a suggested method instead of the conventional static study. Garty I. **Nucl Med Commun** 1984 Sep;5(9):545–50

Validity of the geometric mean correction in the quantification of whole bowel transit. Hardy JG, et al. **Nucl Med Commun** 1985 Apr;6(4):217–24

Quantitative analysis of rotating gamma camera thallium–201 scintigrams of myocardium. Laird EE, et al. **Nucl Med Commun** 1984 Sep;5(9):577–86

Distribution of 110Ag–silver nitrate prophylaxis solutions following eyedrop application to the albino rabbit. Lambrecht RM, et al. **Nucl Med Commun** 1985 Apr;6(4):245–7

Imaging of canine cancers with 18F–2–fluoro–2–deoxy–D–glucose (FDG) suggests further applications for cancer imaging in man. Paul R, et al. **Nucl Med Commun** 1984 Oct;5(10):641–6

Time course of indium–111 oxine labelling of human leukocytes. Ponto JA, et al. **Nucl Med Commun** 1984 Dec;5(12):769–73

Venous uptake of 201T1 as thallous chloride. Silberstein EB, et al. **Nucl Med Commun** 1984 May;5(5):329–37

Quantitative in vivo and in vitro comparison between radiolabelled colloids, biomolecules and blood cells in their ability to diagnose deep venous thrombosis. Ståhlberg F, et al. **Nucl Med Commun** 1984 Dec;5(12):741–62

Alternative tracers to 18F for estimating bone blood flow. Tellez M, et al. **Nucl Med Commun** 1984 Mar;5(3):153–8

The use of autologous 111In–labelled platelets and scintigraphy to illustrate enhanced platelet activity during erection in the chacma baboon. Dormehl IC, et al. **Nuklearmedizin** 1984 Dec;23(6):331–2

Future of nuclear medicine––impact of new radiopharmaceuticals and of alternative methods such as nuclear magnetic resonance. Pfannenstiel P, et al. **Nuklearmedizin** 1984 Dec;23(6):273–6

Myocardial uptake of iodinated free fatty acids and 201Tl in experimental ischemia. Westera G, et al. **Nuklearmedizin** 1984 Dec;23(6):321–5

Evaluation of esophageal transit in children and in infants by means of Krypton–81m. Ham HR, et al. **Pediatr Radiol** 1985;15(3):161–4

A mathematical model for the quantitative study of left to right cardiac shunt. Kveder M, et al. **Phys Med Biol** 1985 Mar;30(3):207–15

Positron emission tomography study of regional glucose metabolism in cerebral ischemia––topographic and kinetic aspects. Pawlik G, et al. **Prog Brain Res** 1984;62:253–62

A study of regional cerebral blood flow and hemodynamics in cerebrovascular diseases by selective continuous infusion of Kr–81m. Higa T, et al. **Radiat Med** 1983 Apr–Jun;1(2):137–45

Visualization of an adrenal pheochromocytoma with thallium–201. Nakajo M, et al. **Radiat Med** 1983 Oct–Dec;1(4):263–7

Functional imaging of thallium–201 myocardial washout and the clinical utility of this method. Watanabe N, et al. **Radiat Med** 1983 Oct–Dec;1(4):281–92

Radioimmunodetection of melanoma utilizing In–111 96.5 monoclonal antibody: a preliminary report. Halpern SE, et al. **Radiology** 1985 May;155(2):493–9

Gold–195m first–pass radionuclide ventriculography, thallium–201 single–photon emission CT, and 12–lead ECG stress testing as a combined procedure. Kipper SL, et al. **Radiology** 1985 Sep;156(3):817–21

Supine thallium 201 cardiac testing compared with treadmill testing. Lear JL. **Radiology** 1985 Sep;156(3):835–6

In–111 labeled leukocytes: a review of problems in image interpretation. McAfee JG, et al. **Radiology** 1985 Apr;155(1):221–9

Assessment of regional wall motion and perfusion by multigated myocardial scintigraphy after intracoronary Tl–201. Parker JA, et al. **Radiology** 1985 Mar;154(3):783–6

Kr–81m ventilation imaging: clinical utility in suspected pulmonary embolism. Rosen JM, et al. **Radiology** 1985 Mar;154(3):787–90

Subacute and chronic bone infections: diagnosis using In–111, Ga–67 and Tc–99m MDP bone scintigraphy, and radiography. Al–Sheikh W, et al. **Radiology** 1985 May;155(2):501–6

Segmental coronary artery disease: detection by rotating slant–hole collimator tomography and planar thallium 201 myocardial scintigraphy. Starling MR, et al. **Radiology** 1985 Oct;157(1):231–7

Dual–photon Gd–153 absorptiometry of bone. Wahner HW, et al. **Radiology** 1985 Jul;156(1):203–6

Parathyroid adenomas evaluated by Tl–201/Tc–99m pertechnetate subtraction scintigraphy and high–resolution ultrasonography. Winzelberg GG, et al. **Radiology** 1985 Apr;155(1):231–5

Skeletal scintigraphy for the diagnosis of malignant metastatic disease to the bones. Goris ML, et al. **Radiother Oncol** 1985 Jun;3(4):319–29 (92 ref.)

The kinetics of short–lived indium–111 radiolabelled platelets. Peters AM, et al. **Scand J Haematol** 1985 Feb;34(2):137–45

Kinetics and distribution in vivo of 111In–labelled autologous platelets in idiopathic thrombocytopenic purpura. Schmidt KG, et al. **Scand J Haematol** 1985 Jan;34(1):47–56

Kinetics and in vivo distribution of 111–In–labelled autologous platelets in chronic hepatic disease: mechanisms of thrombocytopenia. Schmidt KG, et al. **Scand J Haematol** 1985 Jan;34(1):39–46

The clinical use of radionuclide bone marrow imaging. Datz FL, et al. **Semin Nucl Med** 1985 Jul;15(3):239–59 (81 ref.)

Radiopharmaceuticals for spleen and bone marrow studies. Desai AG, et al. **Semin Nucl Med** 1985 Jul;15(3):229–38 (51 ref.)

Quantitative planar thallium–201 stress scintigraphy: a critical evaluation of the method. Wackers FJ, et al. **Semin Nucl Med** 1985 Jan;15(1):46–66

Autoradiographic detections of 111indium–labeled platelets in brain tissue sections. Obrenovitch TP, et al. **Stroke** 1984 Nov–Dec;15(6):1049–56

Indium 111 platelet imaging for the detection of deep venous thrombosis and pulmonary embolism in patients without symptoms after surgery. Clarke–Pearson DL, et al. **Surgery** 1985 Jul;98(1):98–104

Distribution of arterial blood flow in human hepatic cancer during chemotherapy--examination by short–lived 81mKr. Sasaki Y, et al. **Surgery** 1985 Apr;97(4):409–14

Scintigraphic detection of femoral artery atherosclerosis with 111–indium–labeled autologous platelets. Sinzinger H, et al. **Vasa** 1984;13(4):350–3

Radiothallium scintigraphy in solitary nonfunctioning thyroid nodules. Höschl R, et al. **World J Surg** 1984 Dec; 8(6):956–62

[A correlative study of myocardial infarction by 201T1 imaging and electrocardiography] Dai YH. **Chung Hua Nei Ko Tsa Chih** 1984 Dec;23(12):731–4, 789 (Eng. Abstr.) **(Chi)**

[113m in bone scanning: a new method for the early diagnosis of acute osteomyelitis] Zhu BL, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Jan;23(1):33–5, 63 (Eng. Abstr.) **(Chi)**

[Use of a radioisotope tracing method in hygienic research] Zhu SP. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Sep; 18(5):309–11 **(Chi)**

[Radioisotope perfusion of the placenta using 113mIn] Stašek K, et al. **Cesk Gynekol** 1985 Mar;50(2):94–8 (Eng. Abstr.) **(Cze)**

[The effect of parathormone on the uptake of radioactive rubidium 86Rb in the tissues in rats] Kapitola J, et al. **Sb Lek** 1984 Oct;86(10):303–7 (Eng. Abstr.) **(Cze)**

[Nuclear cardiology. I] van der Wall EE. **Ned Tijdschr Geneeskd** 1984 Aug 11;128(32):1519–24 **(Dut)**

[Localized imaging with 18F–fluorodeoxyglucose] Paul R, et al. **Duodecim** 1985;101(12):1167–77 **(Fin)**

[Detection of inflammatory processes using indium 111–labeled granulocytes] Syrjälä M, et al. **Duodecim** 1984; 100(14):855–62 (Eng. Abstr.) **(Fin)**

[Isotopic heart/liver index in hepatic cirrhosis. Preliminary results] Reding P, et al. **Acta Gastroenterol Belg** 1984 Jul–Aug;47(4):376–80 (Eng. Abstr.) **(Fre)**

[Evaluation of the severity of coronary disease by thallium 201 myocardial scintigraphy and technetium 99m isotope ventriculography. Comparison of the 2 methods apropos of 30 cases] Manouvrier J, et al. **Ann Cardiol Angeiol (Paris)** 1985 May;34(5):339–45 (Eng. Abstr.) **(Fre)**

[Traumatic left ventricular aneurysm disclosed by systemic emboli. Value of platelet labelling with indium] Vahanian A, et al. **Ann Med Interne (Paris)** 1984;135(6):452–5 (Eng. Abstr.) **(Fre)**

[Detection of intracardiac thrombi by scintigraphy with indium111–labeled platelets. Correlation with 2–dimensional echography and cardiac scanning] Benichou M, et al. **Arch Mal Coeur** 1984 Sep;77(9):1054–63 (Eng. Abstr.) **(Fre)**

[Use of differential thallium 201 scintigraphies in the preoperative diagnosis of thyroid nodules] Simonin R, et al. **Bull Acad Natl Med (Paris)** 1984 Oct–Nov; 168(7–8):975–80 (Eng. Abstr.) **(Fre)**

[Value of scintigraphy using 111–indium–labelled autologous polynuclears in the study of intra–abdominal purulent collections] Launois B, et al. **Chirurgie** 1984;110(10):817–22 (Eng. Abstr.) **(Fre)**

[Is thallium scintigraphy of value in the preoperative localization of pathologic parathyroid glands?] Chapuis Y, et al. **J Chir (Paris)** 1984 Dec;121(12):709–13 (Eng. Abstr.) **(Fre)**

[Study of the muscular perfusion of the lower limbs using thallium 201 scintigraphy before and after lumbar sympathectomy in 13 patients] Serise JM, et al. **J Mal Vasc** 1985;10 Suppl A:94–6 (Eng. Abstr.) **(Fre)**

[Dynamic study of venous return from the lower extremities by means of krypton–81 m perfusion] Zicot M, et al. **J Mal Vasc** 1985;10(1):3–9 (Eng. Abstr.) **(Fre)**

[Is thallium scintigraphy of value in the preoperative localization of pathologic parathyroid glands? (letter)] Chapuis Y, et al. **Presse Med** 1984 Dec 1;13(43):2648 **(Fre)**

[Traumatic myocardial necrosis. Value of myocardial tomoscintigraphy with thallium 201 (letter)] Favier JP, et al. **Presse Med** 1984 Dec 1;13(43):2647 **(Fre)**

[Detection of intra–abdominal suppuration. Value of scintigraphy with indium–111–labeled autologous polynuclears] Paul JL, et al. **Presse Med** 1985 Jun 22; 14(25):1367–70 (Eng. Abstr.) **(Fre)**

[Implications of the use of nuclear medicine for the irradiation of the population and persons occupationally exposed] Mănescu S, et al. **Sante Publique (Bucur)** 1984;27(1):11–20 (Eng. Abstr.) **(Fre)**

[Rational use of thallium–201 myocardial scintigraphy based on a statistical analysis: practical view] Cérino M, et al. **Union Med Can** 1985 Jun;114(6):512–6 (Eng. Abstr.) **(Fre)**

[Scintigraphy with indium 111–labeled blood platelets] Kessler C, et al. **Dtsch Med Wochenschr** 1984 Nov 30; 109(48):1853–9 (71 ref.) **(Ger)**

[Planar imaging of emission–computed tomograms of the left ventricular myocardium using 201T1 chloride] Kaiser W, et al. **Nuklearmedizin** 1985 Feb;24(1):16–7 (Eng. Abstr.) **(Ger)**

[Double nuclide myocardial scintigraphy with thallium 201 and iodine 123–heptadecanoic acid--the possibilities in cardiological diagnosis] Müller KD, et al. **Radiologe** 1985 Feb;25(2):78–82 (Eng. Abstr.) **(Ger)**

[Thallium scintigraphy of the thyroid as an alternative procedure for the demonstration of functionally silent thyroid tissue] Müller–Brand J, et al. **Schweiz Med Wochenschr** 1984 Nov 24;114(47):1686–9 (Eng. Abstr.) **(Ger)**

[Stress studies with dipyridamole in patients with coronary heart disease in comparison to coronary angiography, myocardial scintigraphy and ergometry findings] Krosse B, et al. **Z Gesamte Inn Med** 1984 Oct 1;39(19):469–73 (Eng. Abstr.) **(Ger)**

[Fast method for radioactive marking of bacteria with indium oxinate] Pfister W, et al. **Z Med Lab Diagn** 1984;25(8):462–3 **(Ger)**

[The practice of nuclear medicine in Italy and radioactive wastes] Frullani S. **Ann Ist Super Sanita** 1983; 19(2–3):397–403 (Eng. Abstr.) **(Ita)**

[Myocardial T1–201 scintigraphy in the study of the development of acute myocardial infarction. Evaluation of the effects of a drug with metabolic action: creatine phosphate] Pedone V, et al. **Clin Ter** 1984 Dec 31; 111(6):531–8 (Eng. Abstr.) **(Ita)**

[Evaluation of the interventricular septum in left bundle branch block using basal echocardiography (M–mode) and myocardial stress scintigraphy (thallium–201)] La Canna G, et al. **G Ital Cardiol** 1985 Feb;15(2):135–41 (Eng. Abstr.) **(Ita)**

[Study on localization of hyperfunctioning parathyroid glands by 201T1–99mTc subtraction scintigraphy] Itoh K. **Hokkaido Igaku Zasshi** 1984 Nov;59(6):701–20 (Eng. Abstr.) **(Jpn)**

[Diagnosis of myocardial ischemia in Kawasaki disease: thallium–201 myocardial imagings at rest, with exercise and with dipyridamole administration] Mitomori T, et al. **J Cardiogr** 1984 Jun;14(1):59–73 (Eng. Abstr.) **(Jpn)**

[Clinical usefulness of exercise–nitroglycerin myocardial imaging using dual administration of thallium–201] Shiotani H, et al. **J Cardiogr** 1984 Jun;14(1):29–37 (Eng. Abstr.) **(Jpn)**

[24th meeting of the Japanese Society of Nuclear Medicine. 18–20 October 1984, Fushima, Japan. Abstracts] **Kaku Igaku** 1984 Sep;21(9):1013–199 **(Jpn)**

[Experimental study for tumor detection using 18F–2–fluoro–deoxy–D–glucose: imaging of rabbit VX2–tumor with single photon gamma camera] Abe Y, et al. **Kaku Igaku** 1985 Mar;22(3):389–91 (Eng. Abstr.) **(Jpn)**

[Cancer detection with 18F–5–fluorodeoxyuridine--a new cancer diagnostic agent reflecting nucleic acid metabolism] Abe Y, et al. **Kaku Igaku** 1985 May;22(5):583–6 (Eng. Abstr.) **(Jpn)**

[Reproducibility and quantitativity of oblique–angle reconstruction in single photon emission computed tomography using TI–201 myocardial phantom] Bunko H, et al. **Kaku Igaku** 1984 Jun;21(6):723–30 (Eng. Abstr.) **(Jpn)**

[Evaluation of dilated cardiomyopathy by 201T1 myocardial single photon emission computed tomography. Morphological and quantitative analysis] Futagami Y, et al. **Kaku Igaku** 1984 Aug;21(8):909–19 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of exercise Thallium–201 whole body scintigraphy in ischemic heart disease] Kaneko K, et al. **Kaku Igaku** 1985 Feb;22(2):209–17 (Eng. Abstr.) **(Jpn)**

[Analysis of the papillary muscle image on thallium–201 myocardial scintigram in various heart diseases] Kataoka H, et al. **Kaku Igaku** 1985 Jan;22(1):19–27 (Eng. Abstr.) **(Jpn)**

[Noninvasive assessment of severity of coronary artery disease by quantitative analysis of exercise thallium–201 myocardial perfusion imaging] Kawai N, et al. **Kaku Igaku** 1984 Dec;21(12):1621–6 (Eng. Abstr.) **(Jpn)**

[Usefulness of T1–201 chloride and NaI–131 scintigraphy in detection of metastasis from thyroid carcinoma] Kusakabe K, et al. **Kaku Igaku** 1984 Aug;21(8):941–51 (Eng. Abstr.) **(Jpn)**

[Exercise stress myocardial imaging with thallium–201 in asymptomatic patients with left bundle branch block] Narita M, et al. **Kaku Igaku** 1984 Nov;21(11):1463–7 (Eng. Abstr.) **(Jpn)**

[Clinical usefullness of TI–201 myocardial scintigraphy and diastolic phase index by gated cardiac blood pool imaging in patients with hypertrophic cardiomyopathy] Ohmine H, et al. **Kaku Igaku** 1984 Jul;21(7):815–21 (Eng. Abstr.) **(Jpn)**

[Tomographic mapping of rate constants of [F–18] FDG model] Sasaki H, et al. **Kaku Igaku** 1985 Jan;22(1):81–4 (Eng. Abstr.) **(Jpn)**

[N–13 ammonia myocardial positron computed tomography--(1) Comparative study with thallium–201 SPECT] Tamaki N, et al. **Kaku Igaku** 1985 Feb; 22(2):185–91 (Eng. Abstr.) **(Jpn)**

[Quantitative analysis of thallium myocardial emission CT. (2) Evaluation of the ischemic size] Tamaki N, et al. **Kaku Igaku** 1984 Jul;21(7):823–30 (Eng. Abstr.) **(Jpn)**

[Thallium lung uptake images (TLI) in patients with acute myocardial infarction] Tanaka T, et al. **Kaku Igaku** 1985 Mar;22(3):321–30 (Eng. Abstr.) **(Jpn)**

[Quantitative evaluation of 201TlCl myocardial tomography using SPECT (single photon emission computed tomography): basic evaluation] Uehara T, et al. **Kaku Igaku** 1984 Oct;21(10):1301–13 (Eng. Abstr.) **(Jpn)**

[Studies on the diagnosis of uterine body cancer using 201Tl–chloride] Watanabe H. **Kaku Igaku** 1985 Mar; 22(3):355–66 (Eng. Abstr.) **(Jpn)**

[Significance of redistribution of infarction sites in exercise thallium–201 scintigraphy] Kanno K, et al. **Kokyu To Junkan** 1984 Sep;32(9):925–30 (Eng. Abstr.) **(Jpn)**

[A case of arrhythmogenic right ventricular dysplasia: noninvasive evaluation by technetium–99m cardiac blood pool scan, thallium–201 myocardial imaging and X–ray CT] Magosaki N, et al. **Kokyu To Junkan** 1984 Oct; 32(10):1091–7 (Eng. Abstr.) **(Jpn)**

[Thallium–201 myocardial imaging in children with heart disease; quantitative assessment of right ventricular pressure] Mitomori T, et al. **Kokyu To Junkan** 1985 Feb; 33(2):191–7 (Eng. Abstr.) **(Jpn)**

[The 5th Quality Control Survey for Radioisotopes in vitro Tests in Japan, 1983 (II)] **Radioisotopes** 1984 Aug; 33(8):579–89 **(Jpn)**

[Diagnostic imaging by radioisotopes. General theories (II) Introduction to digital image analysis] Matsuyama T. **Radioisotopes** 1984 Nov;33(11):824–33 (11 ref.) **(Jpn)**

[Thallium–201 chloride dynamic analysis using thallium–201 chloride and sodium iodide–131 thyroid subtraction scintigraphy] Morimoto S, et al. **Radioisotopes** 1984 Oct; 33(10):691–8 (Eng. Abstr.) **(Jpn)**

[Gated study of ventilation with 81mKr gas--distribution of air and He + O2 mixed gas] Murakami Y, et al. **Radioisotopes** 1984 Sep;33(9):647–9 **(Jpn)**

[Diagnostic imaging by radioisotopes. General outline (I). The present and future of medical diagnostic imaging] Takahashi T, et al. **Radioisotopes** 1984 Oct;33(10):737–46 **(Jpn)**

[Myocardial sarcoidosis diagnosed by thallium scintigraphy] Tamaki N, et al. **Rinsho Hoshasen** 1984 May;29(5):641–2 **(Jpn)**

[Myocardial scintigraphy with thallium–201 in myocardial infarction] Netto SA, et al. **Arq Bras Cardiol** 1984 Sep; 43(3):161–6 (Eng. Abstr.) **(Por)**

[Diagnosis of dilated cardiomyopathy based on data from x–ray studies and 201T1 scintigraphy of the myocardium] Nazarenko SI, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1984;7(2):96–7 **(Rus)**

[Single–photon emission computed tomography with 201Tl in the diagnosis of ischemic heart disease] Sergienko VB, et al. **Ter Arkh** 1985;57(4):95–9 (Eng. Abstr.) **(Rus)**

[Gammagraphy using indium 111–labeled leukocytes in inflammatory intestinal disease] Casellas F, et al. **Med Clin (Barc)** 1985 Jun 22;85(4):129–32 (Eng. Abstr.) **(Spa)**

[Value of postdipyridamol myocardial perfusion gammagraphy (GT1 PD) in the diagnosis of ischemic cardiopathy and its angiographic correlation] Castro Beiras JM, et al. **Rev Clin Esp** 1985 Feb;176(3):118–23 (Eng. Abstr.) **(Spa)**

[Myocardial hypocaptation of thallium–201 in healthy young adults after voluntary hyperventilation] Ferreira IJ, et al. **Rev Esp Cardiol** 1984 Nov–Dec;37(6):413–7 (Eng. Abstr.) **(Spa)**

[Computerized gammagraphy using thallium–201 in the diagnosis of ischemic cardiopathy] Iriarte M, et al. **Rev Esp Cardiol** 1985 Mar–Apr;38(2):131–6 (Eng. Abstr.) **(Spa)**

[Prospective study with thallium–201 and dipyridamole at low doses as a non–invasive diagnostic test for predicting coronary injuries] Martínez Martínez A, et al. **Rev Esp Cardiol** 1984 Nov–Dec;37(6):418–24 (Eng. Abstr.) **(Spa)**

[Evaluation of the exercise test with thallium for the clinical follow–up of patients undergoing percutaneous transluminal coronary angioplasty] Peraza C, et al. **Rev Esp Cardiol** 1985;38 Suppl 1:53–61 (Eng. Abstr.) **(Spa)**

[Antibodies labelled with isotopes for tumor detection (letter)] Téllez M. **Rev Med Chil** 1984 Nov;112(11):1154–5 **(Spa)**

HISTORY

Thallium–201 for medical use. Part 3: Human distribution and physical imaging properties. By H.L. Atkins, T.F. Budinger, E. Lebowitz, A. N. Ansari, M.W. Greene, R. G. Fairchild, and K. J. Ellis. 1976. **J Nucl Med** 1984 Nov; 25(11):1260–7

ISOLATION & PURIFICATION

Removal of dissolved 85Kr by vacuum degassing method. Ootsuka N, et al. **Radioisotopes** 1984 Dec;33(12):853–8

METABOLISM

No correlation between membrane potential and increased cytosolic free Ca2+ concentration, 86Rb+ influx or subsequent [3H]-thymidine incorporation in neoplastic human B cells stimulated with antibodies to surface immunoglobulin. Heikkilä R, et al. **Acta Physiol Scand** 1985 May;124(1):107-15

Stimulus-secretion coupling of parathyroid hormone release: studies of 45Ca and 86Rb fluxes. Wallfelt C, et al. **Acta Physiol Scand** 1985 Jun;124(2):239-45

Kinetics of cellular uptake of tracers used in myocardial scintigraphy. Rauch B, et al. **Basic Res Cardiol** 1985;80 Suppl 1:65-8

Comparison of the transport of 42K+, 22Na+, 201Tl+, and [99mTc(dmpe)2 X Cl2]+ using human erythrocytes. Sands H, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):665-70

The retention of metallic radionuclides in experimental abscesses in rats. Taylor DM, et al. **Br J Radiol** 1985 Jul; 58(691):655-9

Stability, targeting, and biodistribution of scandium-46- and gallium-67-labeled monoclonal antibody in erythroleukemic mice. Anderson WT, et al. **Cancer Res** 1985 May;45(5):2154-8

Pharmacokinetics of 111In-labeled anti-p97 monoclonal antibody in patients with metastatic malignant melanoma. Rosenblum MG, et al. **Cancer Res** 1985 May;45(5):2382-6

86-Rb efflux in normal and cataractous human lenses. Gandolfi SA, et al. **Curr Eye Res** 1985 Jul;4(7):753-8

Gastrointestinal absorption of metals (51Cr, 65Zn, 95mTc, 109Cd, 113Sn, 147Pm, and 238Pu) by rats and swine. Sullivan MF, et al. **Environ Res** 1984 Dec;35(2):439-53

The activities and total number of transformations in organs following the ingestion of radionuclides. Maillie HD. **Health Phys** 1984 Aug;47(2):305-8

Uptake of 244Cm, 238Pu and other radionuclides by trees inhabiting a contaminated flood plain. Pinder JE 3d, et al. **Health Phys** 1984 Sep;47(3):375-84

Effect of 54Mn and lead interaction on their binding with tissue proteins: in vitro studies. Kalia K, et al. **Ind Health** 1984;22(3):207-18

Kinetics of rubidium-82 after coronary occlusion and reperfusion. Assessment of patency and viability in open-chested dogs. Goldstein RA. **J Clin Invest** 1985 Apr; 75(4):1131-7

Can a sponge fractionate isotopes? Patel B, et al. **Proc R Soc Lond [Biol]** 1985 Mar 22;224(1234):23-41

Transfer and distribution of niobium-95 in adult, fetal, and newborn rats after injection during pregnancy. Schneidereit M, et al. **Radiat Environ Biophys** 1985;24(2):125-30

[Body retention of 169Yb-citrate and its excretion by 4 chelating agents] Zhu SP, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):285-8 (Eng. Abstr.) **(Chi)**

[Penetration of 169Yb-citrate through intact and abraded skins] Zhu SP, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):288-9 (Eng. Abstr.) **(Chi)**

[Body retention of 169Yb-citrate and its excretion by 4 chelating agents] Zhu SP, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):285-8 (Eng. Abstr.) **(Chi)**

[Penetration of 169Yb-citrate through intact and abraded skins] Zhu SP, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):288-9 (Eng. Abstr.) **(Chi)**

[The effect of aging on tissue uptake of radioactive rubidium 86Rb in the bones of rats] Kapitola J, et al. **Sb Lek** 1984 Oct;86(10):298-302 (Eng. Abstr.) **(Cze)**

[Genetic consequences of decay via the scheme of radionuclide electron capture in a yeast cell] Gracheva LM, et al. **Genetika (Moskva)** 1984 Aug;20(8):1264-9 (Eng. Abstr.) **(Rus)**

[Effect of the age of rats on the distribution of 7BeF2 after inhalation] Bugryshev PF, et al. **Gig Sanit** 1985 Mar; (3):42-6 (Eng. Abstr.) **(Rus)**

[Hypotension and diffusion of Rb-86 in the rat brain] Font C, et al. **Rev Esp Fisiol** 1985 Jun;41(2):171-6 (Eng. Abstr.) **(Spa)**

STANDARDS

[Radiochemical purity studies on 10 radiopharmaceuticals] Knöpnadel I, et al. **Nuklearmedizin** 1984 Dec;23(6):311-6 (Eng. Abstr.) **(Ger)**

THERAPEUTIC USE

Comparison of exercise electrocardiography and quantitative thallium imaging for one-vessel coronary artery disease. Kaul S, et al. **Am J Cardiol** 1985 Aug 1;56(4):257-61

Percutaneous irradiation in cholangio-carcinoma. Nunnerley HB. **Ann Radiol (Paris)** 1985;28(1):61-4

Computer-aided, CT-guided biopsy and brachytherapy of brain tumors. Dyck P, et al. **Bull Clin Neurosci** 1983; 48:122-38

Radiotherapy of high bile duct carcinoma using intra-catheter iridium 192 wire. Mornex F, et al. **Cancer** 1984 Nov 15;54(10):2069-73

Radiation absorbed dose estimates at the cellular level for some electron-emitting radionuclides for radioimmunotherapy. Jungerman JA, et al. **Int J Appl Radiat Isot** 1984 Sep;35(9):883-8

Routine quality control of Ir-192 sources: results of 46 months of surveillance. Findley DO, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1727-30

Comparative dosimetry between iridium wires and seed ribbons. Marinello G, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1733-9

Interstitial radiation therapy for carcinoma of the penis using iridium 192 wires: the Henri Mondor experience (1970-1979). Mazeron JJ, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct;10(10):1891-5

Limited external irradiation and interstitial 192iridium implant in the treatment of squamous cell carcinoma of the tonsillar region. Puthawala AA, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1595-602

Horizons in radionuclide therapy: 1985 update. Beierwaltes WH. **J Nucl Med** 1985 Apr;26(4):421-7 (45 ref.)

Potential of palladium-109-labeled antimelanoma monoclonal antibody for tumor therapy [letter] Wahl RL. **J Nucl Med** 1985 Feb;26(2):208-9

From the NIH. Radionuclide therapy for arthritic knees [news] Doepel LK. **JAMA** 1985 Feb 8;253(6):744-5

Safety of 125iodine and 192iridium implants to the canine carotid artery: preliminary report. Fee WE Jr, et al. **Laryngoscope** 1985 Mar;95(3):317-20

A general formula for computation of tissue-air ratios for radionuclides commonly used in brachytherapy. Tripathi UB, et al. **Med Phys** 1985 Jan-Feb;12(1):88-9

Iridium-192 wiring after partial cystectomy as a treatment of small malignant bladder tumors. Auvert J, et al. **Prog Clin Biol Res** 1984;162B:87-93

Radioactive derivatives of 2-methyl-1, 4-naphthoquinol bis (diphosphate salt) as anti-cancer drugs with high LET radiations. Mitchell JS, et al. **Prog Clin Biol Res** 1984; 166:327-35

An update on therapeutic uses of radiotracers in neoplastic disease. Spencer RP. **Semin Nucl Med** 1985 Jan;15(1):21-7 (32 ref.)

Microdosimetric basis of individualized cancer radiotherapy by radionuclides including Auger effect and the photon activation approach. Booz J. **Strahlentherapie** 1984 Dec; 160(12):745-54 (33 ref.)

[Treatment, by 192-iridium curietherapy, of epitheliomas of the penis. Apropos of 36 cases] Ardiet JM, et al. **J Urol (Paris)** 1984;90(8-9):557-61 (Eng. Abstr.) **(Fre)**

[Stereotaxic treatment of expanding cysts in craniopharyngiomas by endocavitary beta-irradiation (Re-186; Au-198; Y-90)] Musolino A, et al. **Neurochirurgie** 1985;31(3):169-78 (Eng. Abstr.) **(Fre)**

[Treatment of malignant melanomas of the uvea with 106-ruthenium applicators. Report on the first 100 Essen cases] Foerster MH, et al. **Klin Monatsbl Augenheilkd** 1984 Dec;185(6):490-4 (Eng. Abstr.) **(Ger)**

[Primary combined radiotherapy of carcinoma of the uterine cervix. Comparison of 192Ir with radium] Schmieder A, et al. **Strahlentherapie** 1985 May;161(5):270-4 (Eng. Abstr.) **(Ger)**

[Endocurie therapy of breast cancer I. Indication and value of the implantation of iridium 192 within the total concept of conservative organ-preserving therapy of breast cancer] Seitz W. **Wien Klin Wochenschr** 1984 Oct 12;96(19):708-12 (Eng. Abstr.) **(Ger)**

[Endocurie therapy of breast cancer III. Concept and method at the Radiotherapy University Hospital, Vienna--Initial results] Seitz W. **Wien Klin Wochenschr** 1984 Oct 12; 96(19):715-22 (Eng. Abstr.) **(Ger)**

TOXICITY

Indium 111 toxicity in the human lymphocyte. Silberstein EB, et al. **J Lab Clin Med** 1985 May;105(5):608-12

RADIOLIGAND ASSAY

Serum vitamin B12 assays: how accurate are they? [letter] Warkentin DL. **Arch Pathol Lab Med** 1984 Dec; 108(12):939-40

Radioreceptor assay for cynomolgus monkey serum luteinizing hormone. Yoshida T, et al. **Endocrinol Jpn** 1984 Oct;31(5):665-73

A rapid, economical technique for removing radioactivity from receptor binding assay aqueous wastes. Hancock AA. **Health Phys** 1984 Oct;47(4):640-1

Identifiability analysis of an in vivo receptor-binding radiopharmacokinetic system. Vera DR, et al. **IEEE Trans Biomed Eng** 1985 May;32(5):312-22

The usefulness of radioreceptor assay and gas liquid chromatography in pharmacokinetic studies on midazolam. Aaltonen L, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 May;23(5):247-52

Radioreceptor assay for beta-adrenergic receptor-reactive catecholamines in serum samples. Iwo K, et al. **J Lab Clin Med** 1985 Jun;105(6):711-7

Rat erythrocyte insulin receptors: radioreceptor assay and characterization. Ogunwole JO, et al. **J Natl Med Assoc** 1985 Feb;77(2):119-28

Research and clinical potential of receptor based radiopharmaceuticals. Kilbourn MR, et al. **J Nucl Med** 1985 Jun;26(6):655-62 (20 ref.)

Radioligand assay for angiotensin II receptors. Glossmann H, et al. **Methods Enzymol** 1985;109:110-26

Performance of two new solid-phase ligand assays for TSH using monoclonal antibodies. Böttger I, et al. **Nucl Med Commun** 1985 Apr;6(4):195-207

Comparison of methods of metallothionein quantification: cadmium radioassay, mercury radioassay, and radioimmunoassay. Waalkes MP, et al. **Toxicol Appl Pharmacol** 1985 Jul;79(3):524-7

[Radioreceptor assay: principles and applications to pharmacology] Perret G, et al. **J Pharmacol** 1984 Jul-Sep; 15(3):265-86 (51 ref.) (Eng. Abstr.) **(Fre)**

[Radioreceptor assay of insulin and detection of anti-insulin receptor antibody using human placenta and their clinical application] Kadota S. **Hokkaido Igaku Zasshi** 1984 Nov; 59(6):750-61 (Eng. Abstr.) **(Jpn)**

INSTRUMENTATION

Computer-assisted image analysis to quantify regional and specific receptor ligand binding: upregulation of [3H]QNB and [3H]WB4101 binding in denervated hippocampus. Tayrien MW, et al. **Brain Res Bull** 1984 Dec;13(6):743-50

METHODS

A sensitive assay to evaluate antistreptococcal antibodies using an in vitro-produced monoclonal human rheumatoid factor. Avital A, et al. **Diagn Immunol** 1983;1(2):75-9

Insulin-like growth factor I/somatomedin C (IGF-I/Sm C): comparison of natural, solid phase synthetic and recombinant DNA analog peptides in two radioligand assays. Schalch D, et al. **Endocrinology** 1984 Dec; 115(6):2490-2

A radioreceptor assay method for insulin. Mori KF, et al. **J Biol Stand** 1984 Oct;12(4):427-34

An ultrasensitive radioligand assay for IgG using the protein A on Staphylococcus aureus bacteria. Tevaarwerk GJ, et al. **J Immunoassay** 1984;5(3-4):267-74

Quantitative receptor autoradiography with tritium-labeled ligands: comparison of biochemical and densitometric measurements. Rainbow TC, et al. **J Neurosci Methods** 1984 Sep;11(4):231-41

Methods for the determination of the specific radioactivity of radioligands. Bürgisser E. **J Recept Res** 1984; 4(1-6):357-69

Determination of activated plasma fibronectin using radioactive labelled collagen I. Fenger M. **Scand J Clin Lab Invest** 1984 Oct;44(6):541-7

[Basic and clinical studies on the simultaneous measurement of serum and red blood cell folate and serum vitamin B12 concentrations using Corning vitamin B12 [57Co]/folate [125I] radioassay kit] Kihara K, et al. **Kaku Igaku** 1985 Feb;22(2):233-44 **(Jpn)**

[Clinical evaluation of TSH receptor antibodies in Graves' disease] Nakamura S, et al. **Kaku Igaku** 1984 Nov; 21(11):1487-93 **(Jpn)**

[Analysis of renal adrenergic receptor by radioreceptor assay: characterization of alpha- and beta-adrenergic receptor in rat kidney] Shigetomi S, et al. **Nippon Jinzo Gakkai Shi** 1984 Oct;26(10):1355-60 (Eng. Abstr.) **(Jpn)**

[A new tool in neurochemistry--quantitative autoradiography of receptors] Skangiel-Kramska J. **Postepy Biochem** 1983;29(3-4):393-5 **(Pol)**

[Radioreceptor analysis: the theoretical bases of the method] Zaĭtsev SV, et al. **Bioorg Khim** 1985 Mar;11(3):370-9 (Eng. Abstr.) **(Rus)**

STANDARDS

The dexamethasone suppression test in normal control subjects: comparison of two assays and effect of age. Rosenbaum AH, et al. **Am J Psychiatry** 1984 Dec; 141(12):1550-5

Quality control of insulin radioreceptor assay for human erythrocytes. Effect of ageing of mono-125I-Tyr-A14-insulin preparation. Marttinen A, et al. **Scand J Clin Lab Invest** 1984 Sep;44(5):401-8

RADIOLOGIC PHYSICS see HEALTH PHYSICS

RADIOLOGY

American College of Radiology network and workstation. Brown RF, et al. **AJR** 1985 Apr;144(4):665-6

Turbulent times [editorial] Gedgaudas E. **AJR** 1985 Oct; 145(4):857-8

The practical value of computer literacy: 2. Troubleshooting computerized imaging equipment. Levy JM. **AJR** 1985 Oct; 145(4):854-5

Telecomputing in radiology. Rowberg AH, et al. **AJR** 1985 Aug;145(2):411-3

Radiologist as consultant: direct contact between referring clinician and radiologist before CT examination. Seltzer SE, et al. **AJR** 1985 Apr;144(4):661-4

Incidence and prevalence: proper use [editorial] Shuman WP. **AJR** 1985 Sep;145(3):649-50

Radiologists in practice [letter] Stargardter FL. **AJR** 1985 Sep;145(3):654

Directions for radiologic research [editorial] Taveras JM. **AJR** 1985 Oct;145(4):856

Radiation exposure and protection in cardiac catheterization laboratories. Miller SW, et al. **Am J Cardiol** 1985 Jan 1; 55(1):171-6

Licensing. Sorby WA, et al. **Australas Radiol** 1984 Nov; 28(4):282-3

Benefit and detriment in the medical use of radiation. Presidential address delivered at the Annual Congress of the British Institute of Radiology, April 1982. Day MJ. **Br J Radiol** 1984 Nov;57(683):977-88

Our Institute. Massey JB. **Br J Radiol** 1984 Sep; 57(682):B37-42

Radiation oncology in Canada [letter] Ghys R. **Can Med Assoc J** 1985 Sep 1;133(5):362

Cooperation between a radiology computer consortium and a computer manufacturer in the development of a radiology information system. Burke MW, et al. **Henry Ford Hosp Med J** 1984;32(3):188–90

Association of University Radiologists. The Gold Medal Awards. Richard H. Greenspan, M.D. **Invest Radiol** 1984 Sep–Oct;19(5):348

Association of University Radiologists. The Gold Medal Awards. Herbert L. Abrams, M.D. **Invest Radiol** 1984 Sep–Oct;19(5):346–7

Radiology 1984. A conflict of high technology and high cost. Evens RG. **J Can Assoc Radiol** 1984 Dec;35(4):332–7

What is caring? Gessler J. **Radiography** 1985 Jan–Feb; 51(595):14–6

70th Scientific assembly and annual meeting: the Radiological Society of North America. Washington, D.C., November 25–30, 1984. Scientific sessions, refresher courses, works in progress. **Radiology** 1984 Nov;153 Spec No:1–472

Extracorporeal shockwave lithotripsy: role of the radiologist. Barth KH, et al. **Radiology** 1985 Jun;155(3):835–6

Re: Radiology in Papua New Guinea [letter] Bender GN. **Radiology** 1984 Dec;153(3):834–5

Eugene P. Pendergrass New Horizons for Radiologists Lecture [editorial] Brady LW, et al. **Radiology** 1985 Sep; 156(3):841–2

Manpower, entrepreneurs, and antitrust. Reuter SR. **Radiology** 1984 Nov;153(2):549–50

Radiologists and informed–consent lawsuits. Spring DB, et al. **Radiology** 1985 Jul;156(1):245–9

[French Society of Medical Radiology. 1984 directory. 2d edition] **J Radiol** 1984 Nov;65(11):785–811 **(Fre)**

[Radiology in France in 1983. Quantitative data] Meunier P, et al. **J Radiol** 1984 Aug–Sep;65(8–9):525–31 (Eng. Abstr.) **(Fre)**

[Computers in radiology. Adjustment to new competitive situations through use of computers with user–specific software] Küsters H. **Radiologe** 1985 Apr;25(4):183–9 (Eng. Abstr.) **(Ger)**

[An Italian radiologist in Uganda (letter)] Bernardina LD. **Radiol Med (Torino)** 1984 Jul–Aug;70(7–8):583–4 **(Ita)**

[Panoramic vision of radiology the Mediterranean countries] Racoveanu NT. **Radiol Med (Torino)** 1984 Apr;70(4 Suppl 1):103–4 **(Ita)**

[The levels of occupational irradiation of medical radiologists in the USSR from 1981 data on centralized individual dosimetric control] Romanova IN, et al. **Med Radiol (Mosk)** 1984 Nov;29(11):62–6 (Eng. Abstr.) **(Rus)**

[Improvement in a classification information–retrieval language on the topic of medical roentgenology and radiology] Sviridov NK, et al. **Med Radiol (Mosk)** 1985 Aug;30(8):47–51 **(Rus)**

[Local societies of roentgenologists and radiologists and their value in improving roentgenological service to the population of the RFSFR] Pereslegin IA, et al. **Vestn Rentgenol Radiol** 1985 Mar–Apr;(2):87–9 **(Rus)**

[6 years of Vestnik Rentgenologii i Radiologii (1978–1983)] Pereslegin IA, et al. **Vestn Rentgenol Radiol** 1985 Mar–Apr; (2):83–7 **(Rus)**

[WHO model for x–ray service is useful under Swedish primary health care] Holm T. **Lakartidningen** 1985 Jan 30; 82(5):304–7 **(Swe)**

EDUCATION

Computer–assisted instruction [letter] Martin DS. **AJR** 1985 Jan;144(1):217

Spatial perception testing in diagnostic radiology. Smoker WR, et al. **AJR** 1984 Nov;143(5):1105–9

Preparing for final radiology examinations. Lau L, et al. **Australas Radiol** 1984 May;28(2):171–4

Dental radiology at the crossroads. Lovelock DJ. **Br Dent J** 1985 Feb 9;158(3):99–101

The teaching functions of a radiotherapy center. Evans JA. **Cancer** 1968 Oct;22(4):706–10

Essentials and guidelines for radiation oncology residency training programs. American College of Radiology Committee on Education. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):1009–16

Computer assisted instruction for radiotherapy residents. Boyer AL, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec; 10(12):2345–9

Training in therapeutic radiology in the United States, 1984. Cox JD, et al. **Int J Radiat Oncol Biol Phys** 1985 May; 11(5):1045–51

The effect of comparison films upon resident interpretation of pediatric chest radiographs. Berbaum K, et al. **Invest Radiol** 1985 Mar–Apr;20(2):124–8

Objectively evaluating student case presentations. Blane CE, et al. **Invest Radiol** 1985 Mar–Apr;20(2):121–3

Systematic evaluation and increased structure in a radiology elective. Blane CE, et al. **Invest Radiol** 1985 May–Jun; 20(3):242–5

The residency selection process: chaos in a bull market [editorial] Bragg DG, et al. **Invest Radiol** 1985 Mar–Apr; 20(2):119

Comparison scans while reading chest images. Taught, but not practiced. Carmody DP, et al. **Invest Radiol** 1984 Sep–Oct;19(5):462–6

Meeting challenges in radiologic education [editorial] Novelline RA. **Invest Radiol** 1985 Mar–Apr;20(2):120

Radiation oncology—the misunderstood specialty. Wong F, et al. **J Can Assoc Radiol** 1984 Jun;35(2):144–8

Radiology in the undergraduate curriculum: 1984 update. Syme J, et al. **Med J Aust** 1985 Jun 10;142(12):652–3

Modification designed to improve instruction in intraoral dental radiography. Choksi SK. **Oral Surg Oral Med Oral Pathol** 1985 Jun;59(6):653–8

Radiology requirements in United States dental hygiene programs. Farman AG, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):341–5

Dental radiology instructors in United States dental hygiene programs. Farman AG, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):335–40

A Freudian look at radiology. Daves ML. **Pharos** 1984 Spring;47(2):13–5

Computer–assisted instruction in radiology. Aronberg DJ, et al. **Radiology** 1985 Feb;154(2):345–7

Radiology should be a required part of the medical school curriculum. Squire LF, et al. **Radiology** 1985 Jul; 156(1):243–4

[Education and continuing education for physicians and medical personnel in nuclear magnetic resonance] Lissner J, et al. **Digitale Bilddiagn** 1984 Sep;4(3):105–7 **(Ger)**

[Teaching medical radiology to foreign students] Kochergin VN, et al. **Med Radiol (Mosk)** 1985 Feb;30(2):46–9 (Eng. Abstr.) **(Rus)**

[Teaching roentgenology in related departments of a medical institute] Novikov VP, et al. **Med Radiol (Mosk)** 1985 Feb; 30(2):49–52 (Eng. Abstr.) **(Rus)**

[Training of medical school students in roentgenoradiology] Miroliubov NN, et al. **Vestn Rentgenol Radiol** 1985 May–Jun;(3):81–2 **(Rus)**

HISTORY

The American Board of Radiology: its 50th anniversary. del Regato JA. **AJR** 1985 Jan;144(1):197–200

The laboratory at Würzburg revisited. Fischer HW. **AJR** 1985 Aug;145(2):432–3

'One step forward'. Scott RK. **Australas Radiol** 1985 Feb; 29(1):4–7

[The beginnings of radiology in Turin] Caffaratto TM. **Minerva Med** 1985 Jul 31;76(30–31):1423–5 **(Ita)**

[The International Society for Radiology] Ratti A. **Radiol Med (Torino)** 1984 May;70(5):257–61 **(Ita)**

[Development of radiology in Japan. Memorial lecture of the 60th anniversary of Japan Radiological Society] Takahashi S. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Jan 25;45(1):45–52 (Eng. Abstr.) **(Jpn)**

[A few words about Prof. Ksawery Rowiński] Mossakowski MJ. **Arch Hist Med (Warsz)** 1984;47(3):349–51 **(Pol)**

[Prof. Ksawery Rowiński (1904–1983) and his scientific activities (an obituary note)] Ostrowska T. **Arch Hist Med (Warsz)** 1984;47(3):327–48 (Eng. Abstr.) **(Pol)**

[Contribution of the Naval Medical Academy roentgenologists to victory over fascist Germany] Elashov IuG. **Med Radiol (Mosk)** 1985 May;30(5):15–8 **(Rus)**

[Work of the Department of Roentgenology at the State Institute for Postgraduate Medical Education during World War II and the blockade of Leningrad] Golovach GG. **Med Radiol (Mosk)** 1985 May;30(5):18–20 **(Rus)**

[Leningrad roentgenologists in World War II] Kishkovskiĭ AN, et al. **Med Radiol (Mosk)** 1985 May;30(5):12–5 **(Rus)**

[Roentgenological service of the Kuibyshev Medical Institute in World War II] Koroliuk IP, et al. **Med Radiol (Mosk)** 1985 May;30(5):22–3 **(Rus)**

[The Moscow Scientific Research Roentgenoradiological Institute of the RFSFR Ministry of Health in World War II, 1941–1945] Lagunova IG, et al. **Med Radiol (Mosk)** 1985 May;30(5):6–8 **(Rus)**

[Roentgenologists at the front in World War II] Rozenshtraukh LS. **Med Radiol (Mosk)** 1985 May; 30(5):9–12 **(Rus)**

[Workers of the Central Scientific Research Roentgenoradiological Institute of the USSR Ministry of Health in World War II] Strashinin AI, et al. **Med Radiol (Mosk)** 1985 May;30(5):20–1 **(Rus)**

[Azerbaijan roentgenologists and the Azerbaijan Scientific Research Institute of Roentgenoradiology in World War II] Aleskerov DSh. **Vestn Rentgenol Radiol** 1985 May–Jun; (3):12–4 **(Rus)**

[Roentgenologists––participants in World War II (contribution to the history of the roentgenologic service)] Rozenshtraukh LS. **Vestn Rentgenol Radiol** 1985 May–Jun; (3):5–12 **(Rus)**

INSTRUMENTATION

A flexible shield to protect personnel during interventional procedures. Miller DL, et al. **Radiology** 1985 Jun;155(3):825

Basic radiographic equipment. Whittaker LR. **Trop Doct** 1985 Apr;15(2):71–2

[A protective instrument table for radiodiagnosis] Solovjev M. **Cesk Radiol** 1985 Jan;39(1):44–5 **(Cze)**

MANPOWER

Radiation oncology in Canada [letter] McGowan DG. **Can Med Assoc J** 1985 May 1;132(9):1005–6

Canadian diagnostic radiology manpower 1982. MacEwan DW, et al. **J Can Assoc Radiol** 1984 Sep;35(3):297–300

Manpower requirements in radiology [letter] Dodd GD. **JAMA** 1984 Nov 23–30;252(20):2813–4

Characteristics of the distribution of emigrant Indian radiologists, pathologists and anesthesiologists in the United States. Baker SR, et al. **Soc Sci Med** 1984;19(8):885–91

[National survey on radiodiagnosis. Personnel and equipment (2)] Fagnani F, et al. **J Radiol** 1985 Mar;66(3):245–51 (Eng. Abstr.) **(Fre)**

[Formulation and application of guidelines for manpower requirements for x–ray diagnostic departments in hospitals and ambulatory care facilities] Przybill N, et al. **Radiol Diagn (Berl)** 1985;26(2):307–17 (Eng. Abstr.) **(Ger)**

[Necessity of radiologists in a general hospital] Okazaki A, et al. **Rinsho Hoshasen** 1984 May;29(5):595–7 **(Jpn)**

METHODS

Interventional radiology in infants and children: clinical and technical aspects. Diament MJ, et al. **Radiology** 1985 Feb; 154(2):359–61

The radiologist as an attending physician: routine or special procedure? Evens RG. **Radiology** 1985 Feb;154(2):545–6

Inpatient management: a new role for interventional radiologists. Ring EJ, et al. **Radiology** 1985 Feb;154(2):543

STANDARDS

Recommendation from Australian Radiation Laboratory. Radiological examination of women of reproductive capacity. **Aust Paediatr J** 1985 May;21(2):137–8

Principles of radiological practice. Hoy RJ, et al. **Australas Radiol** 1984 Aug;28(3):194–7

The development of a standard set of chest radiographs to test a radiologist's expertise. Wandtke JC. **Invest Radiol** 1984 Mar–Apr;19(2):152–6

[Adoption of new radiation measures and units in medical radiology. Methodological problems] Vaĭnberg MSh. **Med Radiol (Mosk)** 1985 Jan;30(1):35–41 **(Rus)**

TRENDS

Cardiac radiology in Southern California: is there a future for cardiac radiologists? Grollman JH Jr. **AJR** 1985 May; 144(5):1083–5

The changing place of radiology in obstetrics. Gordon A, et al. **Br J Radiol** 1984 Oct;57(682):891–3

Radiology of the future in developing countries. Middlemiss H. **Br J Radiol** 1984 Sep;57(682):852–3

[Radiology in Hungarian patient care] Csákány G. **Rontgenpraxis** 1985 Apr;38(4):141–2 **(Ger)**

[Quo vadis, radiologus? The joy of riddle solving or invasive technics? (letter)] Réti GP. **Orv Hetil** 1985 Jul 7; 126(27):1689 **(Hun)**

[Research trends in the leading foreign research centers in the field of electron–acceptor radiosensitizers] Stanzhevskaia TI, et al. **Med Radiol (Mosk)** 1984 Dec; 29(12):71–6 **(Rus)**

RADIOLOGY DEPARTMENT, HOSPITAL see under **HOSPITAL DEPARTMENTS**

RADIOLOGY, DIAGNOSTIC X–RAY see **RADIOGRAPHY**

RADIOMETRY

Completing the change to SI units in radiation medicine. Wilks KJ. **Australas Radiol** 1984 May;28(2):180–1

Analytical errors in measuring radioactivity in cell proteins and their effect on estimates of protein turnover in L cells. Silverman JA, et al. **Biochem J** 1985 Mar 1;226(2):361-8

UV radiometry in dermatology. Mackenzie LA. **Photodermatol** 1985 Apr;2(2):86–94 (28 ref.)

INSTRUMENTATION

Charge build–up effects in insulating phantom materials. Mattsson LO, et al. **Acta Radiol [Oncol]** 1984;23(5):393–9

Measurement of absorbed dose from radionuclide solutions mixed intimately with the FBX dosimeter. Benedetto AR, et al. **Health Phys** 1985 Sep;49(3):455–77

Use of computer memory chips as the basis for a digital albedo neutron dosimeter. Davis JL. **Health Phys** 1985 Aug;49(2):259–65

Effect of air–scattered beta particles on instrument and dosimeter response. Hankins DE. **Health Phys** 1985 Sep; 49(3):435–41

Field and laboratory tests of etched track detectors for 222Rn: summer–vs–winter variations and tightness effects in Maine houses. Hess CT, et al. **Health Phys** 1985 Jul; 49(1):65–79

Correction factors for survey meter calibrations. Langrill LN, et al. **Health Phys** 1984 Oct;47(4):613–21

Automated source wells for instrument calibration. Ratcliffe CA, et al. **Health Phys** 1984 Sep;47(3):455–7

Radon–222 concentration measurements in soil using liquid scintillation and Track Etch. Wadach JB, et al. **Health Phys** 1985 Jun;48(6):805–8

Microwave hyperthermia controlled by microwave radiometry: technical aspects and first clinical results. Chivé M, et al. **J Microwave Power** 1984 Dec;19(4):233–41

The collection efficiency of an ionization chamber in a pulsed and magnetically swept electron beam: limits of validity of the two–voltage technique. Conere TJ, et al. **Med Phys** 1984 Jul–Aug;11(4):465–8

Performance characteristics of A 150 plastic-equivalent gases in A 150 plastic proportional counters for 14.8-MeV neutrons. DeLuca PM Jr, et al. **Med Phys** 1984 Jul-Aug; 11(4):449-55

A new radiation dosimeter using a pyroelectric detector. de Paula MH, et al. **Med Phys** 1984 Nov-Dec;11(6):866-8

The effect of thickness of the waterproofing sheath on the calibration of photon and electron beams. Gillin MT, et al. **Med Phys** 1985 Mar-Apr;12(2):234-6

A method for matching NBS x-ray beam qualities with a half- or full-wave rectified generator. Goetsch SJ, et al. **Med Phys** 1985 Mar-Apr;12(2):249-51

Temperature-pressure compensation for a linear accelerator electron beam dosimeter. Hrejsa AF, et al. **Med Phys** 1985 Mar-Apr;12(2):260-1

Can the AAPM Task Group 21 protocol lead to optimum ion chamber designs? Jayaraman S, et al. **Med Phys** 1985 May-Jun;12(3):373-6

Determining Pion, the correction factor for recombination losses in an ionization chamber. Weinhous MS, et al. **Med Phys** 1984 Nov-Dec;11(6):846-9

Spectroradiometry. Diffey BL. **Photodermatol** 1985 Feb; 2(1):44-7

The use of cadmium telluride detectors for the qualitative analysis of diagnostic x-ray spectra. Di Castro E, et al. **Phys Med Biol** 1984 Sep;29(9):1117-31

A liquid ionisation detector for digital radiography of therapeutic megavoltage photon beams. Meertens H, et al. **Phys Med Biol** 1985 Apr;30(4):313-21

Measurements of ionisation in water, polystyrene and a 'solid water' phantom material for electron beams. Thwaites DI. **Phys Med Biol** 1985 Jan;30(1):41-53

Electron dosimetry with thermally stimulated exoelectron emission (TSEE). Wieters CU, et al. **Phys Med Biol** 1984 Sep;29(9):1097-107

Proportional counter dosimetry and microdosimetry for radiotherapy with multiple pion beams. Schuhmacher H, et al. **Radiat Res** 1985 Jan;101(1):177-96

A radiation detector fabricated from silicon photodiode. Yamamoto H, et al. **Radioisotopes** 1984 Dec;33(12):864-6

Determination of ionisation chamber collection efficiency in a swept electron beam by means of thermoluminescent detectors and the 'two-voltage' method. Van Dam J, et al. **Radiother Oncol** 1985 Jun;3(4):363-70

[Field application of instruments using radiation. 4. Geophysical prospecting] Fujii S. **Radioisotopes** 1985 Feb; 34(2):112-5 **(Jpn)**

[Pressure control of a pressurized proportional counter for 4 pi beta-gamma coincidence counting—effects of pressure variation and study of a non-flow type system] Miyahara H, et al. **Radioisotopes** 1984 Dec;33(12):867-70 (Eng. Abstr.) **(Jpn)**

[Field application of instruments using radiation. 3. Nuclear well logging in oil wells] Miyairi M. **Radioisotopes** 1985 Feb;34(2):108-11 **(Jpn)**

[Measurement of neutrons from an electron accelerator by rem-counter] Nagamachi S, et al. **Radioisotopes** 1985 May; 34(5):262-5 (Eng. Abstr.) **(Jpn)**

[An assembly of personal computer-based scalers and their application] Narita Y, et al. **Radioisotopes** 1984 Nov; 33(11):780-3 **(Jpn)**

[P-type silicon surface barrier detector used for X-ray dosimetry] Yamamoto H, et al. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):271-5 (Eng. Abstr.) **(Jpn)**

[Sensitivity to neutrons of heterogeneous ionization chambers] Kapchigashev SP, et al. **Med Radiol (Mosk)** 1985 Jan;30(1):43-5 (Eng. Abstr.) **(Rus)**

METHODS

Rapid radiometric methods to detect and differentiate Mycobacterium tuberculosis/M. bovis from other mycobacterial species. Siddiqi SH, et al. **Am Rev Respir Dis** 1984 Oct;130(4):634-40

Comparison of fluorographic methods for detecting radioactivity in polyacrylamide gels or on nitrocellulose filters. Roberts PL. **Anal Biochem** 1985 Jun;147(2):521-4

Application of different counting systems in measuring localised retention the entero-hepatic circulation. Hinton PJ, et al. **Br J Radiol** 1984 Sep;57(682):799-801

Absolute radioassay of extended sources: an equivalent point-source coincidence-counting approach with application to the thyroid. Fymat AL, et al. **Med Phys** 1985 Mar-Apr;12(2):127-34

Comparison of two independent exposure measurement techniques for clinical I-125 seeds. Kubo H. **Med Phys** 1985 Mar-Apr;12(2):221-4

Demonstration of relatively new electron dosimetry measurement techniques on the Mevatron 80. Meyer JA, et al. **Med Phys** 1984 Sep-Oct;11(5):670-7

Calorimetric determination of the cavity-gas calibration factor Ngas. Schulz RJ, et al. **Med Phys** 1985 Mar-Apr; 12(2):166-8

Scaling relative neutron depth-dose distributions from one phantom material to another: a comparison of experimental and theoretical results. Vynckier S, et al. **Phys Med Biol** 1985 Jan;30(1):55-66

Isolation, identification and drug susceptibility of mycobacteria evaluated through radiometric procedures: correlation by conventional methods. Vicini P, et al. **Quad Sclavo Diagn** 1984 Jun;20(2):226-35

A new possibility for simultaneous determination of radioactive and stable isotopes in environmental samples by the substoichiometric method. Ikeda N, et al. **Radioisotopes** 1985 Feb;34(2):99-100

A method for measuring specific activities of 14C-labelled compounds by gas chromatography-mass spectrometry-computer system. Kanamaru H, et al. **Radioisotopes** 1985 Feb;34(2):67-71

A radiometric whole blood test for chronic granulomatous disease. Strate M, et al. **Scand J Clin Lab Invest** 1984 Sep; 44(5):417-21

[Intercomparison measurements of ionization chambers for diagnostic X-rays. An investigation of the energy dependence of sensitivity by using the monochromatic X-ray radiations] Toyofuku F, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Aug 25; 44(8):1091-100 (Eng. Abstr.) **(Jpn)**

[Dosimetric application of lyoluminescence using some saccharides] Hashimoto T, et al. **Radioisotopes** 1984 Dec; 33(12):847-52 (Eng. Abstr.) **(Jpn)**

STANDARDS

Evaluation of internal control measurements in radioassay. Goldin AS. **Health Phys** 1984 Sep;47(3):361-74

Protocol for X-ray dosimetry and exposure arrangements employed in studies of late somatic effects in mammals. Zoetelief J, et al. **Int J Radiat Biol** 1985 Jan;47(1):81-102

Determination of Aion and Pion in the new AAPM radiotherapy dosimetry protocol. Attix FH. **Med Phys** 1984 Sep-Oct;11(5):714-6

[Status review on neutron dosimetry standardization] Nakazawa M. **Radioisotopes** 1985 Jan;34(1):37-45 (21 ref.) **(Jpn)**

RADIONUCLIDE GENERATORS

Environmental and health effects of the nuclear industry and nuclear weapons: a current evaluation. Johnson CJ. **Ecol Dis** 1982;1(2-3):135-52 (69 ref.)

Bromine-82 contamination in fission product 99mTc-generator eluate. McAuley R, et al. **Eur J Nucl Med** 1985;10(1-2):60-2

A new type of 81Rb-81mKr generator for medical use. Beyer GJ, et al. **Int J Appl Radiat Isot** 1984 Nov;35(11):1075-6

Exposure to fingers while handling a solvent extraction-type technetium-99m generator. Kini KS, et al. **J Nucl Med** 1985 Jun;26(6):650-4

INSTRUMENTATION

Measurements of the rubidium isotopic activities and the elution parameters of 81mKr generators using a standardized 114mIn source. Williams NR, et al. **Eur J Nucl Med** 1985;10(1-2):33-8

STANDARDS

[Effects of aluminium impurities in the 99mTc generator eluate on radiopharmaceutical behavior] Guan CT, et al. **Ssu Chuan I Hsueh Yuan Hsueh Pao** 1985 Mar;16(1):78-81 (Eng. Abstr.) **(Chi)**

RADIONUCLIDE IMAGING

see related
SCINTILLATION COUNTING

Energy independence of effective atomic number in the range 50-100 keV. Henson PW. **Australas Phys Eng Sci Med** 1984 Jul-Sep;7(3):131-3

Minimising radiation hazards in paediatric nuclear medicine. Savage JP. **Australas Radiol** 1984 Nov;28(4):362-7

Program schedule & abstracts presented at the Society of Nuclear Medicine, 9th annual Western regional meeting. Monterey, California, October 11-14, 1984. **Clin Nucl Med** 1984 Sep;9(9 Suppl):P21-49

Program schedule & abstracts presented at the Society of Nuclear Medicine, 25th annual Southeastern chapter meeting. Lexington, Kentucky, November 1-3, 1984. **Clin Nucl Med** 1984 Oct;9(10 Suppl):P49-66

Data acquisition using a scintillation detector interfaced to a personal microcomputer. Davis L, et al. **J Nucl Med** 1985 Jan;26(1):85-7

Clinical magnetic resonance imaging with nuclear medicine correlation. Kulkarni MV, et al. **J Nucl Med** 1985 Aug; 26(8):944-57 (32 ref.)

The relationship of nuclear magnetic resonance to nuclear medicine: friend or foe? [editorial] MacIntyre WJ. **J Nucl Med** 1985 Aug;26(8):958-60

Integration of database capabilities into a patient reporting system. Thompson WL, et al. **J Nucl Med** 1985 Jul; 26(7):770-4

The XXI National Congress of the Italian Society for Nuclear Biology and Medicine held in association with the VII annual meeting of the Nuclear Medicine Section of the Italian Association for Radiology and Nuclear Medicine. Genoa, Italy, May 29-June 1, 1985. Abstracts of the communications. **J Nucl Med Allied Sci** 1985 Jan-Jun; 29(1-2):7-173

Possible applications of phospholipid vesicles (liposomes) in diagnostic radiology. Williams LE, et al. **J Nucl Med Allied Sci** 1984 Jan-Mar;28(1):35-45 (34 ref.)

Gonadal dose measurement in diagnostic nuclear medicine using thermoluminescent dosimeters. Su LN, et al. **Radioisotopes** 1985 Mar;34(3):137-43

Cumulative index 1980-1984, Volumes 134-153. **Radiology** 1984;:1-777

[New imaging methods] Dienstbier Z. **Vnitr Lek** 1985 Apr; 31(4):342-6 (Eng. Abstr.) **(Cze)**

[Nuclear medicine. Author abstracts of the 21st symposium of the Society of Nuclear Medicine of East Germany. Reinhardsbrunn, 15-19 April 1984] **Radiol Diagn (Berl)** 1985;26(1):91-170 **(Ger)**

[Value of sonography, computer tomography, hepatobiliary scintigraphy and nuclear magnetic tomography in diseases of the gallbladder and bile ducts] Fiegler W, et al. **Rontgenblatter** 1984 Sep;37(9):327-32 (Eng. Abstr.) **(Ger)**

[Symposium: Prospectives in nuclear medicine] **Radiol Med (Torino)** 1984 Apr;70(4 Suppl 1):139-51 **(Ita)**

[30th national meeting of the Italian Association of Medical Radiology and Nuclear Medicine. Mediterranean meetings on radiology. Milan, 7-12 June 1982] **Radiol Med (Torino)** 1984 Apr;70(4 Suppl 1):1-200 **(Ita)**

[Prospects of a correlation between computerized magnetic resonance tomography, x-ray transmission computerized tomography and nuclear medicine] Del Maschio A, et al. **Radiol Med (Torino)** 1984 Oct;70(10):767-75 (35 ref.) **(Ita)**

[Diagnostic imaging in emergency medicine. Record of a symposium. Morioka City, 1983] **Rinsho Hoshasen** 1984 Jun;29(6):647-732 **(Jpn)**

[Diagnostic imaging in emergency medicine] Ishikawa T. **Rinsho Hoshasen** 1984 Jun;29(6):647-8 **(Jpn)**

[Radiation protection and new radiodiagnostic methods] Zedgenidze GA, et al. **Med Radiol (Mosk)** 1985 Apr; 30(4):60-6 (0 ref.) **(Rus)**

[Use of modern electronics in surgery] Serafimov K. **Acta Chir Iugosl** 1984;31 Suppl 1:31-47 (Eng. Abstr.) **(Scr)**

ADVERSE EFFECTS

Nuclear medicine and the nursing mother [editorial] Coakley AJ, et al. **Br Med J [Clin Res]** 1985 Jul 20;291(6489):159-60

ECONOMICS

[Economic analysis of the utilization of radiodiagnostic equipment] Kochetova GP, et al. **Med Radiol (Mosk)** 1984 Oct;29(10):60-4 **(Rus)**

INSTRUMENTATION

Use of a nonstationary temporal Wiener filter in nuclear medicine. King MA, et al. **Eur J Nucl Med** 1985; 10(9-10):458-61

First-pass left ventricular ejection fraction with 95mAu on a 1/4 in. crystal gamma camera. Shapiro B, et al. **Eur J Nucl Med** 1984;9(8):354-8

Uniformity correction and quality control in scintillation cameras [letter] Cradduck TD, et al. **J Nucl Med** 1984 Dec; 25(12):1392-4

Which computer? Brown NJ, et al. **Nucl Med Commun** 1984 May;5(5):291-316

Which gamma camera? Short MD. **Nucl Med Commun** 1984 Mar;5(3):131-44

An inexpensive patient imaging table for gamma camera work. Ghosh SK, et al. **Phys Med Biol** 1984 Oct; 29(10):1271-5

Gamma camera spatial resolution as measured by the bar phantom. Kasal B, et al. **Phys Med Biol** 1985 Mar; 30(3):263-6

A comparison of two methods for assessing the performance of the display system of a clinical radioisotope imaging device. Rajalakshmi PK, et al. **Phys Med Biol** 1985 Apr; 30(4):293-301

[Equipment and procedures for the control of detection parameters of scintillation cameras] Hušák V, et al. **Cesk Radiol** 1984 Sep;38(5):348-57 (Eng. Abstr.) **(Cze)**

[Visual diagnosis with the transportable lighting-through system, Lixiscope] Hansen BA, et al. **Ugeskr Laeger** 1985 Jan 7;147(2):102-3 (Eng. Abstr.) **(Dan)**

[Thyroid scintigraphy with Fresnel zone plates] Meinke J, et al. **Nuklearmedizin** 1985 Feb;24(1):12-5 (Eng. Abstr.) **(Ger)**

[Osteodensitometry: new interpretive technics of an old test] d'Amico P, et al. **Minerva Med** 1985 Mar 10;76(9-10):441-4 **(Ita)**

[Correlations between osteodensitometry and parameters of uremic osteodystrophy] Sforzini S, et al. **Minerva Med** 1985 Mar 10;76(9-10):445-8 **(Ita)**

[Diagnostic imaging by radioisotopes. Basic technology (III). Radioisotope imaging by a gamma camera] Kumano N. **Radioisotopes** 1984 Dec;33(12):908-15 **(Jpn)**

[Diagnostic imaging by radioisotopes. Basic theories. (V) Image processing for a gamma camera] Wani H. **Radioisotopes** 1985 Feb;34(2):116-23 **(Jpn)**

[Interlaboratory comparison of the efficiency of scintillation cameras and scintigrams] Swieczkowska-Teresińska A. **Pol Przegl Radiol (Warszawa)** 1984 Mar-Apr;48(2):113-22 (Eng. Abstr.) **(Pol)**

METHODS

Recent advances in tumour imaging. Use of radiolabelled antitumour antibodies. Begent RH. **Biochim Biophys Acta** 1985;780(2):151-66 (75 ref.)

Dual isotope scanning with gallium-67 citrate and technetium-99m radiopharmaceuticals. Karl RD Jr, et al. **Clin Nucl Med** 1985 Jul;10(7):507-12

Re: Improved intrinsic resolution: does it make a difference? [letter] Eadie AS, et al. **J Nucl Med** 1984 Oct;25(10):1152-3

A count-based algorithm for attenuation-corrected volume determination using data from an external flood source. Malko JA, et al. **J Nucl Med** 1985 Feb;26(2):194-200

The buildup factor: effect of scatter on absolute volume determination. Siegel JA, et al. **J Nucl Med** 1985 Apr; 26(4):390-4

Assessment of bone mineral. Part 2. Wahner HW, et al. **J Nucl Med** 1984 Nov;25(11):1241-53 (84 ref.)

International symposium on immunoscintigraphy: pre-congress symposium of the European Nuclear Medicine Congress 1984. Saariselka, Lapland, 10-12 August, 1984. Abstracts. **Nucl Med Commun** 1984 Aug; 5(8):529-41

Displays in nuclear medicine. Barber DC. **Nucl Med Commun** 1984 Jun;5(6):361-72

Successful imaging in paediatrics. Carty H. **Nucl Med Commun** 1984 Dec;5(12):775-9

Region of interest, ROI, analysis--confidence in derived parameters? Cosgriff PS. **Nucl Med Commun** 1985 May; 6(5):305-9

Physical approach for the reduction of dual radionuclide image subtraction artefacts in immunoscintigraphy. Perkins AC, et al. **Nucl Med Commun** 1984 Aug;5(8):501-12

The effect of apex-finding errors on factor images obtained from factor analysis and oblique transformation. Houston AS. **Phys Med Biol** 1984 Sep;29(9):1109-16

[Computerized comparison of imaging in scintigraphy; physiopathological applications] Roucayrol JC, et al. **C R Soc Biol (Paris)** 1985;179(2):168-74 (Eng. Abstr.) **(Fre)**

[Nuclear medicine procedures in emergency and intensive care medicine] Büll U. **Internist (Berlin)** 1984 Jun; 25(6):341-50 **(Ger)**

[Localization diagnosis of enlarged parathyroid glands: 201Tl-99mTc-subtraction scintigraphy compared with 5-MHz-sonography] Müller HW, et al. **ROFO** 1985 May; 142(5):543-7 (Eng. Abstr.) **(Ger)**

[Image processing technics--focus on software. 2. Hardware and software for image data processing. 6). Nuclear medicine] Kume K. **Iyodenshi To Seitai Kogaku** 1984 Oct; 22(6):455-61 **(Jpn)**

[Photon absorbtiometry--a precise method of determining living bone minerals] Sveshnikov AA. **Arkh Anat Gistol Embriol** 1984 Sep;87(9):87-90 **(Rus)**

[Automated system for radionuclide data processing in emergency conditions] Siniakova OG. **Med Radiol (Mosk)** 1985 Feb;30(2):61-6 **(Rus)**

[Programming an automated system for processing radioisotope information for work with multichannel radiodiagnostic equipment] Zelenin PE, et al. **Med Tekh** 1984 Nov-Dec;(6):21-5 (Eng. Abstr.) **(Rus)**

STANDARDS

Report of the Joint International Society and Federation of Cardiology/World Health Organization Task Force on Nuclear Cardiology. Zaret BL, et al. **Circulation** 1984 Oct; 70(4):768A-781A

Aspects of standardization in nuclear cardiology [letter] Hör G. **Eur J Nucl Med** 1985;10(9-10):478-9

World health organisation inter-laboratory comparison study in 12 countries on quality performance of nuclear medicine imaging devices. Volodin V, et al. **Eur J Nucl Med** 1985; 10(5-6):193-7

Radiocontamination in medical centers from diagnostic nuclear medicine procedures. Wiatrowski WA, et al. **Health Phys** 1984 Aug;47(2):297-8

Use of NEMA protocols for routine quality assurance [letter] Cradduck TD, et al. **J Nucl Med** 1985 Jan;26(1):95-7

The relationship of instrument parameters to performance within a survey peer group. Hermann GA, et al. **J Nucl Med** 1984 Dec;25(12):1371-4

Practicality of National Electrical Manufacturers Association performance specification measurements for user-based acceptance testing and routine quality assurance [letter] Hutton BF, et al. **J Nucl Med** 1985 Apr;26(4):430-3

Practical gamma camera quality control with a four-point phantom. Lancaster JL, et al. **J Nucl Med** 1985 Mar; 26(3):300-7

[Recommendation on standardization of radionuclide imaging (1984 update)] **Radioisotopes** 1984 Sep;33(9):660-73 **(Jpn)**

TRENDS

Radionuclide imaging. Seagrave V. **Radiography** 1985 Jan-Feb;51(595):55-6

[Update on scintigraphic exploration in pediatrics] Baulieu F, et al. **Ann Pediatr (Paris)** 1985 Mar;32(3):225-32 (Eng. Abstr.) **(Fre)**

[New horizons for in vivo nuclear medicine in 1980s] Hisada K, et al. **Rinsho Hoshasen** 1985 May;30(5):537-47 (50 ref.) **(Jpn)**

UTILIZATION

Trends and utilization of nuclear medicine in the United States: 1972-1982. Mettler FA Jr, et al. **J Nucl Med** 1985 Feb;26(2):201-5

[Advances in diagnosis and their significance for radiological practice] Lissner J. **Digitale Bilddiagn** 1984 Dec;4(4):158-64 (Eng. Abstr.) **(Ger)**

[Use of nuclear radiation in public health institutions of the Ukrainian SSR] Kindzel'skiĭ LP, et al. **Vrach Delo** 1984 Dec;(12):103-6 **(Rus)**

RADIONUCLIDE TOMOGRAPHY, COMPUTED see **TOMOGRAPHY, EMISSION COMPUTED**

RADIONUCLIDES see **RADIOISOTOPES**

RADIOPAQUE MEDIA see **CONTRAST MEDIA**

RADIORECEPTOR ASSAY see **RADIOLIGAND ASSAY**

RADIOSENSITIVITY see **RADIATION TOLERANCE**

RADIOTHERAPY

Respiratory monitoring for children undergoing radiation therapy [letter] Glaser R, et al. **Anesthesiology** 1985 Jul; 63(1):123-4

Proceedings of the British Institute of Radiology. Forty-second annual congress and scientific exhibition, April 4-6, 1984. Radiodiagnostic and therapeutic procedures: their justification and optimisation. Abstracts. **Br J Radiol** 1984 Nov;57(683):1047-55

Sensitizers and protectors in radiotherapy. Brown JM. **Cancer** 1985 May 1;55(9 Suppl):2222-8 (45 ref.)

Recent developments in fundamental radiobiology. Epp ER. **Cancer** 1968 Oct;22(4):802-8 (24 ref.)

The teaching functions of a radiotherapy center. Evans JA. **Cancer** 1968 Oct;22(4):706-10

Biological basis for the interaction of chemotherapeutic agents and radiation therapy. Fu KK. **Cancer** 1985 May 1;55(9 Suppl):2123-30 (90 ref.)

The independent radiotherapy center. Johansen H. **Cancer** 1968 Oct;22(4):703-5

Current work and future plans of the Russell A. Firestone Radiation Therapy Center. Phillips R. **Cancer** 1968 Oct; 22(4):697-702

Application of radiobiologic principles to radiation therapy. Suit HD. **Cancer** 1968 Oct;22(4):809-15 (36 ref.)

Sequencing of drugs and radiation. The integrated alternating regimen. Tubiana M, et al. **Cancer** 1985 May 1;55(9 Suppl):2131-9 (87 ref.)

The radiotherapy center in the teaching hospital. Windeyer B. **Cancer** 1968 Oct;22(4):816-20

A computerized record and verify system for radiation treatments. Mohan R, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct;10(10):1975-85

Vrx: a verify-record system for radiotherapy. Dickof P, et al. **Med Phys** 1984 Jul-Aug;11(4):525-7

Models in radiotherapy: definition of decision criteria. Schultheiss TE, et al. **Med Phys** 1935 Mar-Apr;12(2):183-7

70th Scientific assembly and annual meeting: the Radiological Society of North America. Washington, D.C., November 25-30, 1984. Scientific sessions, refresher courses, works in progress. **Radiology** 1984 Nov;153 Spec No:1-472

The second Klaas Breur memorial lecture. La Ronde--radiation sciences and medical radiology. Fowler JF. **Radiother Oncol** 1983 Aug;1(1):1-22

Chemotherapy in combination with pelvic irradiation: a time-dependence study in mice. Pearson AE, et al. **Radiother Oncol** 1984 Jun;2(1):49-55

The patterns of care study in clinical radiation therapy--a retrospective assessment of quality of care. Kramer S, et al. **Stat Med** 1984 Oct-Dec;3(4):353-7

Community radiation therapy centers [editorial] Moreton RD, et al. **Tex Med** 1984 Oct;80(10):6-7

[Occupational genetic risk in oncologic radiotherapy nurses] Srb V, et al. **Cas Lek Cesk** 1985 May 31;124(22):690-3 (Eng. Abstr.) **(Cze)**

[Differential x-ray therapy of keratoacanthoma. A clinical case] Köster W, et al. **Z Hautkr** 1985 Jan;60(1-2):215-8 (Eng. Abstr.) **(Ger)**

ADVERSE EFFECTS

Late complications after irradiation treatment for cervical adenitis in childhood. A 60-year follow-up study. Bergström B, et al. **Acta Otolaryngol (Stockh)** 1985 Jul-Aug;100(1-2):151-60

Cohort study of the long-term effect of irradiation for carcinoma of the uterine cervix. Second primary malignancies in the pelvic organs in women irradiated for cervical carcinoma at Radiumhemmet 1914-1965. Pettersson F, et al. **Acta Radiol [Oncol]** 1985 Mar-Apr; 24(2):145-51

Cardiac consequences of malignancy and their treatment. Lancaster LD, et al. **Adv Intern Med** 1984;30:275-93 (84 ref.)

Radiation-induced coronary artery disease. Simon EB, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):1032-4

The neoplastic potential of gastric irradiation. IV. Risk estimates. Griem ML, et al. **Am J Clin Oncol** 1984 Dec; 7(6):675-7

Development of normal tissue damage in the rat subsequent to thoracic irradiation and prior treatment with cancer chemotherapeutic agents. Mansfield CM, et al. **Am J Clin Oncol** 1984 Oct;7(5):425-30

Obstructive jaundice due to radiation-induced hepatic duct stricture. Chandrasekhara KL, et al. **Am J Med** 1984 Oct; 77(4):723-4

Myeloproliferative disorders in patients with rheumatoid arthritis treated with total body irradiation. Urowitz MB, et al. **Am J Med** 1985 Jan 21;78(1A):60-4

Haemorrhagic chronic radiation cystitis—following treatment of pelvic malignancies. Pillay PK, et al. **Ann Acad Med Singapore** 1984 Oct;13(4):634-8

Protection of the patient in radiation therapy. A report of Committee 3 of the International Commission on Radiological Protection. **Ann ICRP** 1985;15(2):1-51

Lichen sclerosus et atrophicus following radiation therapy. Yates VM, et al. **Arch Dermatol** 1985 Aug;121(8):1044-7

Propoxyphene and acetaminophen mixture (Darvocet)--related radiation-induced pneumonitis. Halpern J, et al. **Arch Intern Med** 1985 Aug;145(8):1509-10

Malignant melanoma of the tongue following low-dose radiation. Kalemeris GC, et al. **Arch Pathol Lab Med** 1985 Mar;109(3):290-1

Primary hypothyroidism in breast cancer patients with irradiated supraclavicular lymph nodes. Bruning P, et al. **Br J Cancer** 1985 May;51(5):659-63

Cataracts in childhood leukaemia. Elliott AJ, et al. **Br J Ophthalmol** 1985 Jun;69(6):459-61

The mechanism of diarrhoea resulting from pelvic and abdominal radiotherapy; a prospective study using selenium-75 labelled conjugated bile acid and cobalt-58 labelled cyanocobalamin. Yeoh EK, et al. **Br J Radiol** 1984 Dec;57(684):1131-6

Spontaneous postoperative perforation of previously asymptomatic irradiated bowel. Galland RB, et al. **Br J Surg** 1985 Apr;72(4):285

Operative treatment for radiation-induced and metastatic brachial plexopathy in 45 cases, 15 having an omentoplasty. Narakas AO. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall; 44(2):354-75

Astrocytoma following scalp radiotherapy in infancy. Zochodne DW, et al. **Can J Neurol Sci** 1984 Nov; 11(4):475-8

The hematopoietic toxicity of regional radiation therapy. Correlations for combined modality therapy with systemic chemotherapy. Abrams RA, et al. **Cancer** 1985 Apr 1; 55(7):1429-35

Malignant pleural mesothelioma following radiotherapy in a 16-year-old boy. Anderson KA, et al. **Cancer** 1985 Jul 15;56(2):273-6

The long-term effects of cranial irradiation on the central nervous system. Duffner PK, et al. **Cancer** 1985 Oct 1;56(7 Suppl):1841-6

Cerebral radiation necrosis following treatment of extracranial malignancies. Glass JP, et al. **Cancer** 1984 Nov 1;54(9):1966-72

Gonadal effects of cancer therapy in boys. Matus-Ridley M, et al. **Cancer** 1985 May 15;55(10):2353-63

Gonadal effects of cancer therapy in girls. Nicosia SV, et al. **Cancer** 1985 May 15;55(10):2364-72

Critical evaluation of the role of nutritional support for radiation therapy patients. Pezner R, et al. **Cancer** 1985 Jan 1;55(1 Suppl):263-7 (46 ref.)

Hyperparathyroidism subsequent to neck irradiation. Risk factors. Tisell LE, et al. **Cancer** 1985 Oct 1;56(7):1529-33

Radiation-induced lung fibrosis after treatment of small cell carcinoma of the lung with very high-dose cyclophosphamide. Trask CW, et al. **Cancer** 1985 Jan 1; 55(1):57-60

Two cases of pancreatic carcinoma [letter] Hoffman RS, et al. **Cancer Invest** 1985;3(3):295-6

Radiation-induced taste aversion as a factor in cancer therapy. Smith JC, et al. **Cancer Treat Rep** 1984 Oct; 68(10):1219-27

Hypothalamic growth hormone releasing factor deficiency following cranial irradiation. Ahmed SR, et al. **Clin Endocrinol (Oxf)** 1984 Nov;21(5):483-8

Acute and delayed side effects of definitive pelvic irradiation for urologic cancer. Percarpio B. **Conn Med** 1984 Aug; 48(8):497-500

Complications of radiation therapy. Dalinka MK, et al. **CRC Crit Rev Diagn Imaging** 1985;23(3):235-67 (76 ref.)

The effects of ionizing radiation, microwaves, and ultrasound on the developing embryo: clinical interpretations and applications of the data. Brent RL. **Curr Probl Pediatr** 1984 Sep;14(9):1-87 (362 ref.)

Granuloma faciale: the role of dapsone and prior irradiation on the cause of the disease. Goldner R, et al. **Cutis** 1984 May;33(5):478-9, 482

Post-radiation subungual squamous cell carcinoma. Stone OJ, et al. **Cutis** 1985 Mar;35(3):272-5

Sarcomas arising after radiotherapy for peptic ulcer disease. Lieber MR, et al. **Dig Dis Sci** 1985 Jun;30(6):593-9

Radioiodine-131 treatment of thyrotoxicosis: dose required for and some factors affecting the early induction of hypothyroidism. Alevizaki CC, et al. **Eur J Nucl Med** 1985; 10(9-10):450-4

Long-term effects on the immune system following local irradiation for breast cancer. Pokeweed mitogen induced immunoglobulin secretion by blood lymphocytes and serum immunoglobulin levels. Rotstein S, et al. **Eur J Surg Oncol** 1985 Jun;11(2):137-41

Radiation-induced esophageal carcinoma. O'Connell EW, et al. **Gastrointest Radiol** 1984;9(4):287-91

Lymphangiosarcoma of the edematous thigh after radiation therapy for carcinoma of the vulva. Huey GR, et al. **Gynecol Oncol** 1985 Mar;20(3):394-401

Radiation and thyroid carcinoma: radiotherapy, head and neck regions, thyroid carcinoma. Auguste LJ, et al. **Head Neck Surg** 1985 Jan–Feb;7(3):217–24 (57 ref.)

Precocious puberty secondary to cranial irradiation for tumors distant from the hypothalamo-pituitary area. Brauner R, et al. **Horm Res** 1985;22(1–2):78–82

Second cancer in relation to radiation treatment for cervical cancer. International Radiation Study Group on cervical cancer. **IARC Sci Publ** 1983;(52):1–207

Complications of combined surgery and radiation therapy for carcinoma of the endometrium. Remy JC, et al. **Int J Gynaecol Obstet** 1985 Apr;23(2):83–93

Thyroid dysfunction following mantle radiotherapy for Hodgkin's disease. Nair N, et al. **Int J Nucl Med Biol** 1984; 11(2):175–8

A clinical trial evaluating cholestyramine to prevent diarrhea in patients maintained on low-fat diets during pelvic radiation therapy. Chary S, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct;10(10):1885–90

Tolerance of peripheral nerve to intraoperative radiotherapy (IORT): clinical and experimental studies. Kinsella TJ, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1579–85

A study of penile circulation before and after radiation in patients with prostate cancer and its effect on impotence. Mittal B. **Int J Radiat Oncol Biol Phys** 1985 Jun; 11(6):1121–5

The clinical implications of non-standard fractionation [letter] Overgaard M. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1225–7

Is cancer treatment toxicity accurately reported? Parliament MB, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar; 11(3):603–8

Treatment-related morbidity in phase III rtog studies of extended-field irradiation for carcinoma of the prostate. Pilepich MV, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct;10(10):1861–7

Quantitative dose-response analysis of salivary function following radiotherapy using sequential RI-sialography. Tsujii H. **Int J Radiat Oncol Biol Phys** 1985 Sep; 11(9):1603–12

Esophageal complications from combined chemoradiotherapy (cyclophosphamide + Adriamycin + cisplatin + XRT) in the treatment of non-small cell lung cancer. Umsawasdi T, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):511–9

Screening for early detection of radiation-associated thyroid cancer: a pilot study. Ron E, et al. **Isr J Med Sci** 1984 Dec;20(12):1164–8

Pseudo-tumorous form of radiation-induced subacute cerebral necrosis resolved with tetracosactide. Lesoin F, et al. **J Belge Radiol** 1984;67(6):409–10

Preliminary report: acetylsalicylic acid therapy in the treatment of complications following abdominal radiation. Ludgate CM. **J Can Assoc Radiol** 1985 Jun;36(2):138–40

Surgical treatment of radiation induced atherosclerotic disease of the iliac and femoral arteries. Lawson JA. **J Cardiovasc Surg (Torino)** 1985 Mar–Apr;26(2):151–6

Lung cancer in Hodgkin's disease: association with previous radiotherapy. List AF, et al. **J Clin Oncol** 1985 Feb; 3(2):215–21

Basal-cell carcinoma resulting from radiation therapy for hypertrophic tonsils. Hanke CW, et al. **J Dermatol Surg Oncol** 1985 Feb;11(2):108–10

Single stage reconstruction of radiation injury of the chest wall by a latissimus dorsi musculocutaneous flap. Stryker A. **J Ky Med Assoc** 1984 Aug;82(8):374–80

Delayed ultrastructural radiation induced changes in the human mesotympanic middle ear mucosa. Elwany S. **J Laryngol Otol** 1985 Apr;99(4):343–53

Delayed adverse effects after irradiation of gliomas: clinicopathological analysis. Soffietti R, et al. **J Neurooncol** 1985;3(2):187–92

Sequential CT scanning in radiation myelopathy. Tugendhaft P, et al. **J Neurooncol** 1984;2(3):249–52

Multiple fusiform intracranial aneurysms following curative radiation therapy for suprasellar germinoma. Case report. Azzarelli B, et al. **J Neurosurg** 1984 Dec;61(6):1141–5

Secondary thyroid neoplasms in pediatric cancer patients: increased risk with improved survival. Vane D, et al. **J Pediatr Surg** 1984 Dec;19(6):855–60

Pachydermoperiostosis with multiple basal cell carcinomata. Thomas RH, et al. **J R Soc Med** 1985 Apr;78(4):335–7

Postirradiation soft tissue sarcoma occurring in breast cancer patients: report of seven cases and results of combination chemotherapy. Kuten A, et al. **J Surg Oncol** 1985 Mar; 28(3):168–71

Thyroid nodules in the irradiated patient––an indication for total thyroidectomy. Segal RL, et al. **J Surg Oncol** 1985 Feb;28(2):126–30

Re: Radiation therapy in carcinoma of the prostate: a contributing cause of urinary incontinence [letter] Lange PH, et al. **J Urol** 1985 Jul;134(1):156

Treatment of radiation-induced cystitis with hyperbaric oxygen. Weiss JP, et al. **J Urol** 1985 Aug;134(2):352–4

Sequelae of breast irradiation. Lipsztein R, et al. **JAMA** 1985 Jun 28;253(24):3582–4

Sequelae of breast irradiation [editorial] Urban JA. **JAMA** 1985 Jun 28;253(24):3589

A parallel analysis of cancer mortality among atomic bomb survivors and patients with ankylosing spondylitis given X-ray therapy. Darby SC, et al. **JNCI** 1985 Jul;75(1):1–21

Association of second primary leukemias with the method of treatment of the first primary cancer. Fujimoto I, et al. **Jpn J Clin Oncol** 1985 Apr;15 Suppl 1:265–70

The influence of family history of cancer, irradiation and anticancer medication (mitomycin C), on the occurrence of multiple primary neoplasms with breast cancer––statistical analysis by the person-year method. Yoshimoto M, et al. **Jpn J Clin Oncol** 1985 Apr;15 Suppl 1:191–9

Radiation-induced thyroid cancer [editorial] **Lancet** 1985 Jul 6;2(8445):21–2

Radiation bowel disease [editorial] **Lancet** 1984 Oct 27; 2(8409):963–4

Radiation enteritis [letter] Kerby IJ. **Lancet** 1985 Jun 22; 1(8443):1443

Stevens-Johnson syndrome in patients receiving radiation therapy [letter] Maiche A, et al. **Lancet** 1985 Jul 6; 2(8445):45

Radiation enteritis [letter] Thomson HJ, et al. **Lancet** 1985 Jul 6;2(8445):49

Simple audio equipment for use in patients with radionecrosis. Kritzler RA. **Laryngoscope** 1985 Feb;95(2):226

The value of subtyping in studies of irradiation and human leukaemia. Darby SC. **Leuk Res** 1985;9(6):699–704

Radiation-induced tumors of the head and neck following childhood irradiation. Prospective studies. Schneider AB, et al. **Medicine (Baltimore)** 1985 Jan;64(1):1–15

Vascular complications of parametrial radioactive gold treatment for cervical cancer. Vacek JL. **Milit Med** 1985 Feb;150(2):107–8

Functional and morphological abnormalities of the parathyroid glands as late effects of irradiation for benign diseases] van Daal WA, et al. **Neth J Med** 1985;28(4):153–6

Plexopathy induced by radiation therapy [letter] Glass JP, et al. **Neurology** 1985 Aug;35(8):1261

Radiation necrosis of the brain: time of onset and incidence related to total dose and fractionation of radiation. Safdari H, et al. **Neuroradiology** 1985;27(1):44–7

A multidisciplinary approach to identification and remedial intervention for adverse late effects of cancer therapy. McCalla JL. **Nurs Clin North Am** 1985 Mar;20(1):117–30

The changing pathogenesis of aspergilloma or 'fungus ball'. Bardana EJ Jr. **NY State J Med** 1984 Sep;84(9):436–7

Mycetoma in post-radiation pulmonary cavities. Cancroft E, et al. **NY State J Med** 1984 Sep;84(9):458–60

Aspergillosis infection following radiotherapy. Carbone PP, et al. **NY State J Med** 1984 Sep;84(9):434–5

Gynecomastia following supradiaphragmatic radiation for lymphoma [letter] Weiner RS, et al. **NY State J Med** 1984 Sep;84(9):444

Retropharyngeal fibrosarcoma following radiation therapy for Hodgkin's lymphoma of the neck. Spiegel J, et al. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):274–7

Late effects of treatment of cancer in children. Byrd R. **Pediatr Clin North Am** 1985 Jun;32(3):835–57 (229 ref.)

Unilateral hypoplasia of the hemithorax causing 'pseudoscoliosis' after lung irradiation in a child with Wilms' tumor. Kinsella JP, et al. **Pediatr Radiol** 1985; 15(5):340–2

Disseminated aspergillosis following radiation therapy for medulloblastoma. Hamilton P, et al. **Postgrad Med J** 1985 Apr;61(714):345–7

Skin cancer incidence among children irradiated for ringworm of the scalp. Shore RE, et al. **Radiat Res** 1984 Oct;100(1):192–204

Second report on experience with high-dosage upper and lower semi-body irradiation. II. Studies on radiation pneumonitis and tumor reaction in patients receiving upper and lower half-body irradiation treatment. Hüttner J, et al. **Radiobiol Radiother (Berl)** 1984;25(4):505–11

Radiation therapy of lymphoblastic renal masses––benefit or hazard? Saarinen UM. **Radiology** 1985 May;155(2):511–2

Dental preservation in patients irradiated for head and neck tumours: A 10-year experience with topical fluoride and a randomized trial between two fluoridation methods. Horiot JC, et al. **Radiother Oncol** 1983 Aug;1(1):77–82

Prophylactic administration of indomethacin for irradiation esophagitis. Nicolopoulos N, et al. **Radiother Oncol** 1985 Jan;3(1):23–5

The effects of ionizing radiation on eight cardiac pacemakers and the influence of electromagnetic interference from two linear accelerators. Venselaar JL. **Radiother Oncol** 1985 Jan;3(1):81–7

Effect of chemotherapy and radiotherapy on wound healing: experimental studies. Shamberger R. **Recent Results Cancer Res** 1985;98:17–34 (115 ref.)

A monocytic leukemoid reaction: a manifestation of preleukemia. Friedland ML, et al. **RI Med J** 1985 Apr; 68(4):173–4

High-dose radiation and the emergence of thyroid nodular disease. Rosen IB, et al. **Surgery** 1984 Dec;96(6):988–95

Cutaneous carcinomas and soft tissue sarcomas induced by ionizing radiation therapy. Presentation of a series of 42 cases. Basso-Ricci S, et al. **Tumori** 1985 Feb 28;71(1):29–33

Radiation nephritis and nephrotic syndrome [letter] Chauser BM. **Urology** 1984 Oct;24(4):419

[Pacemaker behavior during therapeutic irradiation] Storm CJ, et al. **Ned Tijdschr Geneeskd** 1985 Jul 20;129(29):1388 **(Dut)**

[Infertility problems following radiotherapy and chemotherapy for testicular tumors] Schoysman R. **Acta Urol Belg** 1985;53(2):451–6 (Eng. Abstr.) **(Fre)**

[Irradiated skin] Lavaur A, et al. **Ann Chir Plast Esthet** 1984; 29(4):319–21 (Eng. Abstr.) **(Fre)**

[Post-radiotherapy anterior horn cell syndrome] Lagueny A, et al. **Rev Neurol (Paris)** 1985;141(3):222–7 (Eng. Abstr.) **(Fre)**

[Salivation and taste disorders following irradiation in the oropharyngeal region] Herrmann T, et al. **Radiobiol Radiother (Berl)** 1984;25(4):621–9 (Eng. Abstr.) **(Ger)**

[Evaluation of patients with arterial prostheses exposed to irradiation. Case reports from the GDR] Mau S. **Radiobiol Radiother (Berl)** 1984;25(5):673–80 (Eng. Abstr.) **(Ger)**

[Conclusions based on cases in the literature on radiation damage to the great arteries] Mau S. **Radiobiol Radiother (Berl)** 1984;25(4):597–606 (39 ref.) (Eng. Abstr.) **(Ger)**

[Radiobiological limits in conventional after-irradiation of breast cancer. III. Observations on functional disorders] van der Wall H. **Radiobiol Radiother (Berl)** 1984; 25(4):615–20 (Eng. Abstr.) **(Ger)**

[Radiobiological limits in conventional after-irradiation of breast cancer. II. Observations on soft tissue changes] van der Wall H. **Radiobiol Radiother (Berl)** 1984;25(4):607–13 (Eng. Abstr.) **(Ger)**

[Dental care for radiotherapy patients] Baumann M. **Schweiz Monatsschr Zahnmed** 1984 Oct;94 Spec No:946–50 (Eng. Abstr.) **(Ger)**

[Cutaneous epitheliomas induced by ionizing radiation during radiotherapy. Presentation of 35 cases] Basso-Ricci S, et al. **Minerva Med** 1984 Nov 10;75(43):2603–7 (Eng. Abstr.) **(Ita)**

[Radiation pneumopathy. Our experience in the treatment of Hodgkin's disease with mantle-shaped field radiotherapy] Loasses A, et al. **Radiol Med (Torino)** 1984 Jul–Aug;70(7–8):520–7 (Eng. Abstr.) **(Ita)**

[Computerized tomography in the evaluation of neurologic complications of preventive therapy of acute lymphatic leukemia] Bozzao L, et al. **Riv Neurol** 1985 Mar–Apr; 55(2):132–8 (Eng. Abstr.) **(Ita)**

[Chronic cerebral injury following radiotherapy for maxillary cancer] Kanazawa H, et al. **Gan No Rinsho** 1984 Oct; 30(13):1611–9 (Eng. Abstr.) **(Jpn)**

[A study of the incidental rate of the radiation-induced cancer in the head and neck region] Uchida M. **Gan No Rinsho** 1984 Sep;30(12 Suppl):1553–60 (Eng. Abstr.) **(Jpn)**

[Carcinogenesis following radiotherapy of benign head and neck diseases] Yuge K, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Feb;88(2):238–41 **(Jpn)**

[A case of congestive heart failure induced by therapeutic irradiation] Kushigami M, et al. **Rinsho Hoshasen** 1985 Feb; 30(2):303–6 (Eng. Abstr.) **(Jpn)**

[A case of chronic progressive radiation myelopathy with a CT myelogram simulating an intramedullary tumor] Kanemaru K, et al. **Rinsho Shinkeigaku** 1985 May; 25(5):573–7 (Eng. Abstr.) **(Jpn)**

[Lumbosacral radiation myeloneuropathy. Report of a case and effects of prednisolone treatment] Matsumura K, et al. **Rinsho Shinkeigaku** 1984 Jul;24(7):686–92 (Eng. Abstr.) **(Jpn)**

[Septic complications secondary to radiation treatment in uterine neoplasms] Popovici A, et al. **Rev Chir [Chir]** 1984 Nov–Dec;33(6):439–46 (Eng. Abstr.) **(Rum)**

[Complications of radiotherapy and chemoradiotherapy of lymphogranulomatosis] Kholin AV. **Med Radiol (Mosk)** 1984 Sep;29(9):66–74 (149 ref.) **(Rus)**

[Treatment of late radiation-induced skin ulcers with laser radiation] Kim IuA, et al. **Med Radiol (Mosk)** 1985 May; 30(5):71–3 (Eng. Abstr.) **(Rus)**

[Radionuclide studies of the digestive organs during radiotherapy of cervix cancer] Modnikov OP. **Med Radiol (Mosk)** 1985 Mar;30(3):57–9 (Eng. Abstr.) **(Rus)**

[Diagnosis and treatment of arm edema following combination therapy of breast cancer] Selivanov IS. **Med Radiol (Mosk)** 1985 Jan;30(1):19–23 (Eng. Abstr.) **(Rus)**

[Multicollector lymphography and phlebography in lower limb edema following radiation and combination therapy] Tsyb AF, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):41–8 (Eng. Abstr.) **(Rus)**

[Complications in the treatment of patients with Hodgkin's disease] Banićević B, et al. **Srp Arh Celok Lek** 1983 Sep–Oct;111(9–10):1413–24 (Eng. Abstr.) **(Scc)**

[Immunologic damage due to chemotherapy and radiotherapy in children with lymphoma] Vuković I, et al. **Srp Arh Celok Lek** 1984 Mar;112(3):287–94 (Eng. Abstr.) **(Scc)**

[Radiation injuries of the intestines] Pelikán A, et al. **Rozhl Chir** 1985 Jun;64(6):466–9 (Eng. Abstr.) **(Slo)**

[Acute non-lymphoblastic leukosis as a second neoplasm in Hodgkin's disease (letter)] Díaz Pérez MA, et al. **Med Clin (Barc)** 1985 Feb 2;84(4):167 **(Spa)**

[Successful diet therapy in radiation-induced diarrhea] Rönnlund U, et al. **Lakartidningen** 1985 Mar 6;82(10):860–1 **(Swe)**

HISTORY

Saskatchewan's role in radiotherapy research. Houston CS, et al. **Can Med Assoc J** 1985 Apr 1;132(7):854–5, 858–9, 863–4

Accelerated treatment. Barkley HT Jr. **Cancer** 1985 May 1;

55(9 Suppl):2112–7

INSTRUMENTATION

Selective shielding of a p–Si detector for quality independence. Rikner G, et al. **Acta Radiol [Oncol]** 1985 Jan–Feb;24(1):65–9

Wedge filters for megavoltage roentgen ray beams. van der Laarse R, et al. **Acta Radiol [Oncol]** 1984;23(6):477–84

A beam alignment device for matching fields. Buck BA, et al. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):1039–43

A technique to avoid unnecessary perineal reaction [letter] Mead KW. **Int J Radiat Oncol Biol Phys** 1984 Oct;10(10):1995–6

Clinical experience with a computerized record and verify system. Podmaniczky KC, et al. **Int J Radiat Oncol Biol Phys** 1985 Aug;11(8):1529–37

An improved optical backpointer for isocentric radiotherapy machines. Aldrich JE. **Med Phys** 1984 Jul–Aug;11(4):559–60

A shaping device for irregular electron fields for the Therac–20 accelerator. Muller–Runkel R, et al. **Med Phys** 1985 Jan–Feb;12(1):90–2

External stereotactic irradiation by linear accelerator. Colombo F, et al. **Neurosurgery** 1985 Feb;16(2):154–60

Computer applications in radiation therapy treatment planning. Purdy JA. **Radiat Med** 1983 Apr–Jun;1(2):161–73

A block localizer for easy and reproducible transfer of shielding block positions from simulator to treatment unit. Rosenow U. **Radiother Oncol** 1984 Jan;1(3):235–40

[Radiotherapy dosage. II] Feng NY. **Chung Hua Chung Liu Tsa Chih** 1984 May;6(3):233–5 **(Chi)**

[Radiotherapy dosage. II] Feng NY. **Chung Hua Chung Liu Tsa Chih** 1984 Jul;6(4):317–9 **(Chi)**

[Polyurethane positioning devices for radiotherapy] Alzen G, et al. **Strahlentherapie** 1985 Jun;161(6):374–8 (Eng. Abstr.) **(Ger)**

[An online monitoring system for the control of field homogeneity in accelerators] Löffler E. **Strahlentherapie** 1985 Aug;161(8):515–9 (Eng. Abstr.) **(Ger)**

[Individual face masks as aids in quasi–3–D planning and completion of irradiation of tumors of the head and neck] Willich N, et al. **Strahlentherapie** 1984 Sep;160(9):557–61 (Eng. Abstr.) **(Ger)**

[Rare in Italy and poorly distributed is equipment for tumor therapy] Trojani FT. **Clin Ter** 1984 Sep 30;110(6):601–3 **(Ita)**

[A method for rapid and precise positioning of screens in the treatment using irregularly shaped fields] Urgesi A, et al. **Radiol Med (Torino)** 1985 Mar;71(3):161–3 **(Ita)**

[Improvement of the immobilization method in combination with a rigid urethane foam supporter and a thermoplastic cast] Makino N. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 May 25;44(5):732–4 (Eng. Abstr.) **(Jpn)**

[Development of the head and neck immobilization device, using rigid polyurethane foam] Makino N. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 May 25;44(5):714–26 (Eng. Abstr.) **(Jpn)**

[Clinical applications of patient's positioning and immobilization using the rigid urethane foam] Makino N, et al. **Rinsho Hoshasen** 1984 Oct;29(10):1135–8 (Eng. Abstr.) **(Jpn)**

[Stationary irradiation with multi–field technique using conformation radiotherapy unit] Morita K, et al. **Rinsho Hoshasen** 1985 Feb;30(2):323–6 (Eng. Abstr.) **(Jpn)**

[Spectral distribution of the radiation generated by therapeutic roentgen equipment] Sebekin AP, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):65–6 **(Rus)**

[Optimization of the operating modes for short–focus x–ray therapy] Stavitskiĭ RV, et al. **Med Radiol (Mosk)** 1985 Aug;30(8):56–9 (Eng. Abstr.) **(Rus)**

[Device for controlling the radiation parameters of therapeutic sources] Mil'shtein RS, et al. **Med Tekh** 1984 Jul–Aug;(4):54–6 (Eng. Abstr.) **(Rus)**

[Energy spectra of radiation from radiotherapeutic equipment] Vasil'ev VN, et al. **Med Tekh** 1985 Jan–Feb;(1):37–41 (Eng. Abstr.) **(Rus)**

[Safe method of decantation of a radium salt solution or other highly toxic liquid from a damaged diffuser into a new one] Abramov VI, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep–Oct;(5):68–9 **(Rus)**

METHODS

A radiotherapy treatment planning check program. Morrey D, et al. **Br J Radiol** 1985 Jul;58(691):668–70

Antibody–mediated radiotherapy. Bloomer WD, et al. **Cancer** 1985 May 1;55(9 Suppl):2229–33 (34 ref.)

Large–dose fractionation (hypofractionation). Cox JD. **Cancer** 1985 May 1;55(9 Suppl):2105–11

Realistic treatment planning. Laughlin JS. **Cancer** 1968 Oct;22(4):716–29

Primary treatment of early breast cancer with conservation surgery and radiation therapy. The effect of adjuvant chemotherapy. Levitt SH. **Cancer** 1985 May 1;55(9 Suppl):2140–8 (51 ref.)

Rapid hyperfractionated radiotherapy. Clinical results in 178 advanced squamous cell carcinomas of the head and neck. Nguyen TD, et al. **Cancer** 1985 Jul 1;56(1):16–9

Systemic hemibody irradiation for overt and occult metastases. Rubin P, et al. **Cancer** 1985 May 1;55(9 Suppl):2210–21

The respective role of the simulator and computed tomography in radiotherapy planning: a review. Dobbs HJ, et al. **Clin Radiol** 1984 Nov;35(6):433–9 (24 ref.)

Particle radiotherapy. Griffin TW. **Hosp Pract [Off]** 1985 Sep 15;20(9):91–5, 98–106

A basis for blocking the spinal cord in opposed field irradiation. Jones D, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):627–30

Application of moiré topography to mantle treatment. Yuen K, et al. **J Can Assoc Radiol** 1984 Jun;35(2):225–8

Radiation therapy and management of the irradiated patient. Toljanic JA, et al. **J Prosthet Dent** 1984 Dec;52(6):852–8 (63 ref.)

Image quality of an analog radiation therapy simulator–based tomographic scanner. Kijewski MF, et al. **Med Phys** 1984 Jul–Aug;11(4):502–7

Acceptance testing computerized radiation therapy treatment planning systems: direct utilization of CT scan data. McCullough EC, et al. **Med Phys** 1985 Mar–Apr;12(2):237–42

Absolute neutron dosimetry: effects of ionization chamber wall thickness. Ten Haken RK, et al. **Med Phys** 1985 Jan–Feb;12(1):46–52

Inhibitory effect of soft X–ray irradiation on growth of syngeneic tumor in mice. Takeuchi M, et al. **Nippon Juigaku Zasshi** 1984 Oct;46(5):733–6

A general approach to the location of radiopaque objects, with applications in radiotherapy. Christopherson DA, et al. **Phys Med Biol** 1984 Dec;29(12):1581–6

Repair factors for multifraction irradiations. Fowler JF, et al. **Radiother Oncol** 1984 Jan;1(3):281–6

A method for consistent precision radiation therapy. Leong J, et al. **Radiother Oncol** 1985 Jan;3(1):89–92

Determination of the accuracy of different computer planning systems for treatment with external photon beams. Westermann CF, et al. **Radiother Oncol** 1984 Mar;1(4):339–47

Biological bases for modifying conventional fractionation regimens in radiotherapy. Withers HR. **Strahlentherapie** 1984 Nov;160(11):670–7

Immunosuppression. Total lymphoid irradiation. **Transplant Proc** 1985 Feb;17(1 Pt 2):1291–303

[Clinical radiotherapy dosage. III. Radiotherapy technic] Feng NY. **Chung Hua Chung Liu Tsa Chih** 1984 Nov;6(6):469–72 **(Chi)**

[Use of electrons above 20 MeV for reduction of radiation exposure] Fehrentz D, et al. **Strahlentherapie** 1985 Jul;161(7):393–9 (Eng. Abstr.) **(Ger)**

[Set of programs for radiotherapy planning, executed on the SM–4 computer] Chilingarov KM. **Med Radiol (Mosk)** 1985 Jan;30(1):45–7 (Eng. Abstr.) **(Rus)**

STANDARDS

Dosimetric precision requirements in radiation therapy. Brahme A. **Acta Radiol [Oncol]** 1984;23(5):379–91

Portal film quality: a multiple institutional study. Reinstein LE, et al. **Med Phys** 1984 Jul–Aug;11(4):555–7

Involvement of WHO in the improvement of radiotherapy in developing countries. Volodin V. **Strahlentherapie** 1984 Nov;160(11):654–7

[Standard radiation treatment for carcinoma of the uterine cervix] Arai T. **Rinsho Hoshasen** 1984 Dec;29(13):1499–504 (Eng. Abstr.) **(Jpn)**

[Application of the guideline proposed by Japan Society of Head and Neck Tumor to the results of radiotherapy on the oral cancer] Horiuchi J, et al. **Rinsho Hoshasen** 1985 Jan;30(1):67–70 (Eng. Abstr.) **(Jpn)**

TRENDS

Radiation treatment of carcinoma of the vulva, 1950–1980. Fairey RN, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):591–7

Future prospects in planning radiation therapy. Goitein M. **Cancer** 1985 May 1;55(9 Suppl):2234–9

Medical use of radiation and particle accelerators. Tsunemoto H, et al. **Radiat Med** 1983 Apr–Jun;1(2):146–54 (8 ref.)

Oncology changes and the therapy radiographer. van der Heide–Schoon G. **Radiography** 1985 May–Jun;51(597):149–54

[Views on the outlook for radiotherapy to the year 2000 (with special reference to the GDR)] Eichhorn HJ. **Radiobiol Radiother (Berl)** 1984;25(5):643–9 (Eng. Abstr.) **(Ger)**

[Evolving trends in radiotherapy—an introduction to a series of thematically profiled issues of 'Radiobiologia–Radiotherapia'] Strietzel M. **Radiobiol Radiother (Berl)** 1985;26(1):7–14 **(Ger)**

UTILIZATION

[Use of nuclear radiation in public health institutions of the Ukrainian SSR] Kindzel'skiĭ LP, et al. **Vrach Delo** 1984 Dec;(12):103–6 **(Rus)**

RADIOTHERAPY DOSAGE

see related

DOSE–RESPONSE RELATIONSHIP, RADIATION

Fractionated radiation therapy after Strandqvist. Fowler JF. **Acta Radiol [Oncol]** 1984;23(4):209–16

Is dose/time fractionation important in treating rectal cancer? Derdel J, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):579–82

Current status of 10B–neutron capture therapy: enhancement of tumor dose via beam filtration and dose rate, and the effects of these parameters on minimum boron content: a theoretical evaluation. Fairchild RG, et al. **Int J Radiat Oncol Biol Phys** 1985 Apr;11(4):831–40

Comparative dosimetry between iridium wires and seed ribbons. Marinello G, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1733–9

Lung corrections in photon beam treatment planning: are we ready? Orton CG, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec;10(12):2191–9

A proposal for universal introduction of lung corrections [editorial] Orton CG, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec;10(12):2383–4

The clinical implications of non–standard fractionation [letter] Overgaard M. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1225–7

Impact of a dosimetry review program on radiotherapy in group trials. Reinstein LE, et al. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1179–84

The new AAPM protocol for the determination of dose from high–energy photon and electron beams [editorial] Sternick ES, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):645–6

Implications of lung corrections for dose specification in radiotherapy. van't Riet A, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):621–5

Comments on the transfer of absorbed dose from plastic to water in electron beams [letter] Andreo P, et al. **Med Phys** 1984 Nov–Dec;11(6):874–7

Effects of plastic protective caps on the calibration of therapy beams in water. Hanson WF, et al. **Med Phys** 1985 Mar–Apr;12(2):243–8

Calculation of radiation doses for nonuniformity distributed beta and gamma radionuclides in soft tissue. Kwok CS, et al. **Med Phys** 1985 Jul–Aug;12(4):405–12

Determination of electron beam output factors for a 20–MeV linear accelerator. Mills MD, et al. **Med Phys** 1985 Jul–Aug;12(4):473–6

Calculation of surface dose in rotational total skin electron irradiation. Pla C, et al. **Med Phys** 1984 Jul–Aug;11(4):539–46

The effect of various dissolved gases on the heat defect of water. Ross CK, et al. **Med Phys** 1984 Sep–Oct;11(5):653–8

Depth dose characteristics of elongated fields for electron beams from a 20–MeV accelerator. Sharma SC, et al. **Med Phys** 1985 Jul–Aug;12(4):419–23

Dosimetry of small fields for Therac 20 electron beams. Sharma SC, et al. **Med Phys** 1984 Sep–Oct;11(5):697–702

Scatter integration with right triangular fields. Siddon RL, et al. **Med Phys** 1985 Mar–Apr;12(2):229–31

Analytic evaluation of depths of dose calculation points for external beam radiation therapy treatment planning. Starkschall G. **Med Phys** 1985 Jul–Aug;12(4):477–9

A constrained least–squares optimization method for external beam radiation therapy treatment planning. Starkschall G. **Med Phys** 1984 Sep–Oct;11(5):659–65

The net fractional depth dose: a basis for a unified analytical description of FDD, TAR, TMR, and TPR. van de Geijn J, et al. **Med Phys** 1984 Nov–Dec;11(6):784–93

A clinically operational method for three–dimensional dose calculations. Altschuler MD, et al. **Phys Med Biol** 1985 Mar;30(3):217–28

The effect of beam angulation on central axis per cent depth dose for 4–29 MeV electrons. Biggs PJ. **Phys Med Biol** 1984 Sep;29(9):1089–96

Determination of contamination–free build–up for 60Co. Higgins PD, et al. **Phys Med Biol** 1985 Feb;30(2):153–62

An instant dose obtainable in situ calorimeter. Kubo H, et al. **Phys Med Biol** 1984 Nov;29(11):1433–6

An x–ray detector system and modified simulator providing CT images for radiotherapy dosimetry planning. Leach MO, et al. **Phys Med Biol** 1985 Apr;30(4):303–11

Electron contamination from different materials in high energy photon beams. Nilsson B. **Phys Med Biol** 1985 Feb;30(2):139–51

Generalised Batho correction factor. Siddon RL. **Phys Med Biol** 1984 Dec;29(12):1575–9

The selection of stopping power and mass energy absorption coefficient data for the HPA Code of Practice for dosimetry. Williams PC. **Phys Med Biol** 1985 Jul;30(7):707–8

Phantom measurements for light dosimetry using isotropic and small aperture detectors. Marynissen JP, et al. **Prog Clin Biol Res** 1984;170:133–48

Optical dosimetry for direct and interstitial photoradiation therapy of malignant tumors. Svaasand LO. **Prog Clin Biol Res** 1984;170:91–114

Studies of light propagation through tissue. Wilksch PA, et al. **Prog Clin Biol Res** 1984;170:149–61

Light propagation in animal tissues in the wavelength range 375–825 nanometers. Wilson BC, et al. **Prog Clin Biol Res** 1984;170:115–32

Novel fractionation schemes and high linear energy transfer. Douglas BG, et al. **Prog Exp Tumor Res** 1984;28:152–65

An effective dose computation model for fractionated radiation dose. Akanuma A. **Radiat Med** 1983 Apr–Jun;1(2):155–60

Measurements of dose distributions for a fast neutron cancer radiotherapy beam. Byrski E, et al. **Radiobiol Radiother (Berl)** 1985;26(1):59-63

Tradescantia stamen hairs: a biological monitor of doses outside the neutron beam used in cancer therapy. Huczkowski J, et al. **Radiobiol Radiother (Berl)** 1985; 26(1):65-9

The non-stochastic dose limit for members of the public. Advice from the National Radiological Protection Board. **Radiography** 1985 Jan-Feb;51(595):25-6

Multiple small fractions per day versus conventional fractionation [letter] Kal HB. **Radiother Oncol** 1985 Feb; 3(2):181-2

Computer assisted dosimetry of scanned electron and photon beams for radiation therapy. Näfstadius P, et al. **Radiother Oncol** 1984 Oct;2(3):261-9

Dose evaluation to patients irradiated by 60Co beams, by means of direct measurement on the incident and on the exit surfaces. Rizzotti A, et al. **Radiother Oncol** 1985 Apr; 3(3):279-83

On the problem of time, dose and fractionation (TDF) in the linear-quadratic model. Ulmer W. **Strahlentherapie** 1985 Mar;161(3):177-85

[Clinical radiotherapy dosage. III. Radiotherapy technic] Feng NY. **Chung Hua Chung Liu Tsa Chih** 1984 Sep; 6(5):397-9 **(Chi)**

[Radiotherapy dosage. II] Feng NY. **Chung Hua Chung Liu Tsa Chih** 1984 May;6(3):233-5 **(Chi)**

[Radiotherapy dosage. II] Feng NY. **Chung Hua Chung Liu Tsa Chih** 1984 Jul;6(4):317-9 **(Chi)**

[Optimization of fractionated radiotherapy of tumors] Ivanov VK. **Radiobiol Radiother (Berl)** 1984;25(5):691-7 (Eng. Abstr.) **(Ger)**

[Physical-technical irradiation planning for combined use of fast neutrons and quantum radiation] Matschke S. **Radiobiol Radiother (Berl)** 1985;26(1):71-6 (Eng. Abstr.) **(Ger)**

[Effect of adjustment inaccuracies on dose distributions] Schumann E, et al. **Radiobiol Radiother (Berl)** 1984; 25(5):651-6 (Eng. Abstr.) **(Ger)**

[Quality assurance in dosage calculations with computers] Welker K. **Radiobiol Radiother (Berl)** 1984;25(6):839-45 (Eng. Abstr.) **(Ger)**

[Improving dose distribution in neutron therapy] Welker K. **Radiobiol Radiother (Berl)** 1985;26(1):77-83 (Eng. Abstr.) **(Ger)**

[Use of electrons above 20 MeV for reduction of radiation exposure] Fehrentz D, et al. **Strahlentherapie** 1985 Jul; 161(7):393-9 (Eng. Abstr.) **(Ger)**

[Principle of the 2-peak thermoluminescent dosimetry method for the simultaneous determination of neutron-gamma energy doses in mixed neutron-photon radiation fields] Rassow J. **Strahlentherapie** 1985 Feb; 161(2):96-7 (Eng. Abstr.) **(Ger)**

[Computerized dosimetry in curie therapy] Cerchiari U, et al. **Radiol Med (Torino)** 1984 Jan-Feb;70(1-2):39-45 (Eng. Abstr.) **(Ita)**

[Current potentials of biological dosimetry in radiation protection] Martinenghi C, et al. **Radiol Med (Torino)** 1984 Jun;70(6):432-44 **(Ita)**

[Recent radiobiological development for daily multiple fractionations] Itoh H, et al. **Rinsho Hoshasen** 1985 May; 30(5):593-6 (Eng. Abstr.) **(Jpn)**

[Dosimetric planning of intracavitary multi-position irradiation in cancer of the corpus uteri] Chekhonadskiĭ VN. **Med Radiol (Mosk)** 1985 Apr;30(4):45-8 (Eng. Abstr.) **(Rus)**

[A program for calculating the dose distribution in arbitrary sections of a patient's body in rotation and multi-field static irradiation] Cheremnykh LT, et al. **Med Radiol (Mosk)** 1984 Oct;29(10):44-7 (Eng. Abstr.) **(Rus)**

[Formation of an optimum dose field in interstitial radiation therapy] Klepper LIa. **Med Radiol (Mosk)** 1984 Oct; 29(10):82-4 **(Rus)**

[Optimization of the timing of dose distribution in radiation therapy] Kozlov AP, et al. **Med Radiol (Mosk)** 1985 Jun; 30(6):49-52 **(Rus)**

[A method of optimizing dose fractionation in radiotherapy of malignant tumors in terms of the Ellis concept] Lisin VA. **Med Radiol (Mosk)** 1984 Dec;29(12):83-7 **(Rus)**

[Relation of the effectiveness of radiotherapy of cervix cancer to the magnitude of the absorbed dose] Zharinov GM. **Med Radiol (Mosk)** 1984 Sep;29(9):59-62 (Eng. Abstr.) **(Rus)**

INSTRUMENTATION

Clinical applications of thermoluminescent dosimetry. Lindskoug BA. **Strahlentherapie** 1985 Feb;161(2):91-5

[Introduction to the tasks of clinical dosimetry and its requirements in dosimetric methods] Rassow J. **Strahlentherapie** 1985 Feb;161(2):88-90 (Eng. Abstr.) **(Ger)**

[Mantle irradiation with 18 MeV photons. Measurement and calculation of dose distribution] Urgesi A, et al. **Radiol Med (Torino)** 1985 Jan-Feb;71(1-2):56-8 (Eng. Abstr.) **(Ita)**

STANDARDS

Is NSD-TDF useful to radiotherapy? Ellis F. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1685-97

Determination of Aion and Pion in the new AAPM radiotherapy dosimetry protocol. Attix FH. **Med Phys** 1984 Sep-Oct;11(5):714-6

The implementation of the AAPM Task Group 21 protocol by the Radiological Physics Center and its implications. Gastorf RJ, et al. **Med Phys** 1984 Jul-Aug;11(4):547-51

A comparison of the AAPM 'Protocol for the determination of absorbed dose from high-energy photon and electron beams' with currently used protocols. Hunt MA, et al. **Med Phys** 1984 Nov-Dec;11(6):806-13

Dosimetric characterization of the 18-MV photon beam from the Siemens Mevatron 77 linear accelerator. Palta JR, et al. **Med Phys** 1984 Sep-Oct;11(5):717-24

AAPM Task Group 21 protocol: dosimetric evaluation. Paul JM, et al. **Med Phys** 1985 Jul-Aug;12(4):424-30

Comments on the method of energy determination for electron beams in the TG-21 protocol [letter] Wu A, et al. **Med Phys** 1984 Nov-Dec;11(6):871-4

Implications of adopting the AAPM TG-21 calibration protocol for very high energy photon and electron beams [letter] Zwicker RD, et al. **Med Phys** 1984 Jul-Aug; 11(4):561-4

RADIOTHERAPY, HIGH ENERGY

Characteristics of a selectively shielded p-Si detector in 60Co and 8 and 16 MV roentgen radiation. Rikner G. **Acta Radiol [Oncol]** 1985 Mar-Apr;24(2):205-8

The effects of fractionated megavoltage X-irradiation on the rat submandibular gland: an assessment by light microscopy and autoradiography. Savage NW, et al. **Aust Dent J** 1985 Feb;30(1):1-7

Total skin electron beam irradiation for cutaneous T-cell lymphoma (mycosis fungoides). Van Vloten WA, et al. **Br J Dermatol** 1985 Jun;112(6):697-702

Systemic irradiation in multiple myeloma: a report on nineteen cases. Rostom AY, et al. **Br J Haematol** 1984 Nov; 58(3):423-31

Regression of recurrent cystosarcoma phylloides tumour after neutron therapy with development of benign calcification. Thomas AM, et al. **Br J Radiol** 1984 Oct; 57(682):926-9

Fast neutron treatment as an alternative to radical surgery for malignant tumours of the facial area. Catterall M, et al. **Br Med J [Clin Res]** 1984 Dec 15;289(6459):1653-5

Residual, recurrent, or unresectable gastrointestinal cancer. Role of radiation in single or combined modality treatment. Gunderson LL, et al. **Cancer** 1985 May 1;55(9 Suppl):2250-8 (63 ref.)

Stage IA to IIB supradiaphragmatic Hodgkin's disease. Long-term survival and relapse frequency. Leslie NT, et al. **Cancer** 1985 May 1;55(9 Suppl):2072-8

Local regional effectiveness of surgery and radiation therapy in the treatment of breast cancer. Montague ED, et al. **Cancer** 1985 May 1;55(9 Suppl):2266-72

Particle radiation therapy. Parker RG. **Cancer** 1985 May 1; 55(9 Suppl):2240-5

Predicting radiocurability. Peters LJ, et al. **Cancer** 1985 May 1;55(9 Suppl):2118-22

Current status of high linear energy transfer irradiation. Richter MP, et al. **Cancer** 1984 Dec 1;54(11 Suppl):2814-22 (61 ref.)

Treatment of anal canal carcinoma. Shank B. **Cancer** 1985 May 1;55(9 Suppl):2156-62

The management of localized, infradiaphragmatic Hodgkin's disease: experience of a rare clinical presentation at St Bartholomew's Hospital. Dorreen MS, et al. **Hematol Oncol** 1984 Oct-Dec;2(4):349-57

Clinical experience of fast neutron therapy for carcinoma of the uterine cervix. Morita S, et al. **Int J Radiat Oncol Biol Phys** 1985 Aug;11(8):1439-45

Precision, high dose radiotherapy: helium ion treatment of uveal melanoma. Saunders WM, et al. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):227-33

The new AAPM protocol for the determination of dose from high-energy photon and electron beams [editorial] Sternick ES, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar; 11(3):645-6

The Piotron: II. Methods and initial results of dynamic pion therapy in phase II studies. von Essen CF, et al. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):217-26

Management of testicular tumours. Is radiotherapy defunct? Hope-Stone HF. **J R Soc Med** 1985;78 Suppl 6:35-9

Improved results in rectal carcinoma with pre-operative radiation. Marks RD, et al. **J SC Med Assoc** 1985 May; 81(5):257-60

Cisplatin and full dose irradiation for patients with invasive bladder carcinoma: a preliminary report of tolerance and local response. Shipley WU, et al. **J Urol** 1984 Nov; 132(5):899-903

A case report of repeated intraoperative electron beam irradiation on an aged patient with lung cancer. Nakatsu T, et al. **Keio J Med** 1982 Dec;31(4):181-90

Direct measurement of electron contamination in cobalt beams using a charge detector. Galbraith DM, et al. **Med Phys** 1985 May-Jun;12(3):273-80

Tissue equivalence in clinical neutron dosimetry: comparison of dose distributions in nine tissue substitutes for a d(14)Be neutron beam. Hensley FW, et al. **Med Phys** 1985 May-Jun; 12(3):350-6

Daily check instrument for photon and electron beam quality assurance of medical linacs. Lutz WR, et al. **Med Phys** 1985 Jul-Aug;12(4):462-5

Lung dose corrections for 6- and 15-MV x rays. Mackie TR, et al. **Med Phys** 1985 May-Jun;12(3):327-32

Determination of electron beam output factors for a 20-MeV linear accelerator. Mills MD, et al. **Med Phys** 1985 Jul-Aug;12(4):473-6

Depth dose characteristics of elongated fields for electron beams from a 20-MeV accelerator. Sharma SC, et al. **Med Phys** 1985 Jul-Aug;12(4):419-23

The effect of beam angulation on central axis per cent depth dose for 4-29 MeV electrons. Biggs PJ. **Phys Med Biol** 1984 Sep;29(9):1089-96

Determination of contamination-free build-up for 60Co. Higgins PD, et al. **Phys Med Biol** 1985 Feb;30(2):153-62

Electron contamination from different materials in high energy photon beams. Nilsson B. **Phys Med Biol** 1985 Feb; 30(2):139-51

Definitive and adjunctive external irradiation in bladder cancer without radical cystectomy. Pardo De Unceta E, et al. **Prog Clin Biol Res** 1984;162B:63-9

Treatment of superficial carcinoma of the bladder. Paulson DF. **Prog Clin Biol Res** 1984;162B:193-209 (51 ref.)

Adjuvant radiotherapy in Ta, T1 and T2 bladder tumors after transurethral resection—a retrospective study. Rubben H, et al. **Prog Clin Biol Res** 1984;162B:21-5

Treatment of metastatic gastric cancer by combined radiation and hyperthermia (report of two cases). Egawa S, et al. **Radiat Med** 1984 Oct-Dec;2(4):270-2

Current algorithms for computed electron beam dose planning. Brahme A. **Radiother Oncol** 1985 Jun;3(4):347-62

Concurrent cis-diamminedichloroplatinum(II) and radiation treatment for melanoma metastases: a pilot study. Dewit L, et al. **Radiother Oncol** 1985 Jun;3(4):303-9

Squamous cell carcinoma of the anal canal: treatment by external beam irradiation. Eschwege F, et al. **Radiother Oncol** 1985 Feb;3(2):145-50

Treatment of retinoblastoma by precision megavoltage radiation therapy. Schipper J, et al. **Radiother Oncol** 1985 Feb;3(2):117-32

The present status of neutron therapy. Scherer E, et al. **Strahlentherapie** 1984 Dec;160(12):741-4 (11 ref.)

Data reduction for electron isodose measurements. Schmidt R, et al. **Strahlentherapie** 1985 Aug;161(8):511-4

Preoperative irradiation with and without chemotherapy as adjunct to radical cystectomy. Herr HW. **Urology** 1985 Feb;25(2):127-34

T3 bladder cancer: salvage rather than elective cystectomy after radiotherapy. Hope-Stone HF, et al. **Urology** 1984 Oct;24(4):315-20

[Total body electron therapy of mycosis fungoides] Salamon E, et al. **J Belge Radiol** 1984;67(3):177-82 (Eng. Abstr.) **(Fre)**

[Dosimetry of lower segment irradiation in Hodgkin disease. II. Radiation burden of risk organs] Dorsch G, et al. **Strahlentherapie** 1984 Sep;160(9):527-34 (Eng. Abstr.) **(Ger)**

[A multivariate prognosis model for Hodgkin disease] Fischer P, et al. **Strahlentherapie** 1984 Sep;160(9):535-42 (Eng. Abstr.) **(Ger)**

[Energy dependence of the response of thermoluminescent dosimetry to high-energy electrons] Lübbert K, et al. **Strahlentherapie** 1985 Feb;161(2):109-12 (Eng. Abstr.) **(Ger)**

[Principle of the 2-peak thermoluminescent dosimetry method for the simultaneous determination of neutron-gamma energy doses in mixed neutron-photon radiation fields] Rassow J. **Strahlentherapie** 1985 Feb; 161(2):96-7 (Eng. Abstr.) **(Ger)**

[Mantle irradiation with 18 MeV photons. Measurement and calculation of dose distribution] Urgesi A, et al. **Radiol Med (Torino)** 1985 Jan-Feb;71(1-2):56-8 (Eng. Abstr.) **(Ita)**

ADVERSE EFFECTS

Extensive late bone necrosis after postoperative orthovoltage irradiation of breast carcinoma. Report of a case. Barak F, et al. **Acta Radiol [Oncol]** 1984;23(6):485-8

RBE and clinical response in radiotherapy with neutron beams. Ellis F, et al. **Br J Radiol** 1984 Sep;57(682):817-22

The RBE for renal damage after irradiation with 3 MeV neutrons. Stewart FA, et al. **Br J Radiol** 1984 Nov; 57(683):1009-21

Cerebral glioma after cranial prophylaxis for acute lymphoblastic leukaemia. Judge MR, et al. **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1038-9

The incidence of second neoplasms following megavoltage radiation for pediatric tumors. Potish RA, et al. **Cancer** 1985 Oct 1;56(7):1534-7

Unilateral radiation nephropathy—the long-term significance. Kim TH, et al. **Int J Radiat Oncol Biol Phys** 1984 Nov;10(11):2053-9

Radiation induced failures of complementary metal oxide semiconductor containing pacemakers: a potentially lethal complication. Lewin AA, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct;10(10):1967-9

Symptomatic radiation-induced pericarditis in Hodgkin's disease. Mill WB, et al. **Int J Radiat Oncol Biol Phys** 1984 Nov;10(11):2061-5

Complications of intraoperative radiation therapy. Tepper JE, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct; 10(10):1831-9

Radiation therapy in carcinoma of the prostate: a contributing cause of urinary incontinence. Kaufman JJ, et al. **J Urol** 1984 Nov;132(5):998-9

Severe constrictive pericarditis after single 16 MeV anterior mantle irradiation for Hodgkin's disease. Coltart RS, et al. **Lancet** 1985 Mar 2;1(8427):488-9

The effect of therapeutic x-radiation on a sample of pacemaker generators. Maxted KJ. **Phys Med Biol** 1984 Sep;29(9):1143-6

Intestinal complications of wide field abdominal irradiation for lymphoma. Langlois D, et al. **Radiother Oncol** 1985 Jun;3(4):293-8

Radiation pneumonitis in patients treated for breast cancer. Rothwell RI, et al. **Radiother Oncol** 1985 Aug;4(1):9-14

[Endoscopic and biopsy findings in the esophageal, gastric and duodenal mucosa before and after radiotherapy for Hodgkin's disease] Slanina J, et al. **Strahlentherapie** 1985 Apr;161(4):216-20 (Eng. Abstr.) **(Ger)**

HISTORY

History of microwave electron linear accelerators for radiotherapy. Ginzton EL, et al. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):205-16

INSTRUMENTATION

Six years experience in the use of a 10 MeV microtron for radiation therapy. Belletti S, et al. **Acta Radiol [Oncol]** 1984; 23(5):375-8

Characteristics of a p-Si detector in high energy electron fields. Rikner G. **Acta Radiol [Oncol]** 1985 Jan-Feb; 24(1):71-4

Radiation transmission and scattering for medical linacs producing x rays of 6 and 15 MV: comparison of calculations with measurements. Numark NJ, et al. **Health Phys** 1985 Mar;48(3):289-95

A diagnostic X ray field verification device for a 10 MV linear accelerator. Biggs PJ, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):635-43

Intraoperative radiation therapy at the National Cancer Institute: technical innovations and dosimetry. Fraass BA, et al. **Int J Radiat Oncol Biol Phys** 1985 Jul;11(7):1299-311

Characteristics of an MM 22 medical microtron 21 MV photon beam. George RE, et al. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1221-4

Techniques for intraoral electron treatments. Hudson FR, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1731-2

Clinical experience with the 22-MeV microtron at the National Cancer Center Hospital. Egawa S, et al. **Jpn J Clin Oncol** 1984 Dec;14(4):613-22

Determination of the photon spectrum of a clinical accelerator. Brownridge J, et al. **Med Phys** 1984 Nov-Dec; 11(6):794-6

Reduction of the 'horns' observed on the beam profiles of a 6-MV linear accelerator. Constantinou C, et al. **Med Phys** 1984 Nov-Dec;11(6):840-2

Analysis of physical parameters associated with the measurement of high-energy x-ray penumbra. Dawson DJ, et al. **Med Phys** 1984 Jul-Aug;11(4):491-7

Characteristics of an MM 22 medical microtron 6-MV photon beam. George RE. **Med Phys** 1984 Nov-Dec; 11(6):862-5

The effect of flattening filter design on quality variations within an 8-MV primary x-ray beam. Lutz WR, et al. **Med Phys** 1984 Nov-Dec;11(6):843-5

Dose to radiotherapy technologist from air activation. McGinley PH, et al. **Med Phys** 1984 Nov-Dec;11(6):855-8

Compensator filters made with compact Moire camera and computer. Mok EC, et al. **Med Phys** 1984 Jul-Aug; 11(4):513-5

An accurate temperature controller for linear accelerators. Morris PB, et al. **Med Phys** 1984 Nov-Dec;11(6):859-61

Radiation protection aspects of a new high-energy linear accelerator. O'Brien P, et al. **Med Phys** 1985 Jan-Feb; 12(1):101-7

Detroit's superconducting cyclotron will be a first for radiation therapy. Powers WE. **Mich Med** 1985 Jan; 84(1):34-6

Improvement to the adjustable collimator for neutron therapy. Bewley DK, et al. **Phys Med Biol** 1985 Feb; 30(2):175-6

An electronic readout for radiotherapy treatment couch rotation. Maxted KJ. **Phys Med Biol** 1984 Sep; 29(9):1147-51

A liquid ionisation detector for digital radiography of therapeutic megavoltage photon beams. Meertens H, et al. **Phys Med Biol** 1985 Apr;30(4):313-21

Computer assisted set-up of a linear accelerator. Norwood HM. **Phys Med Biol** 1985 Mar;30(3):251-4

Certain dosimetric features of electrons from a CGR Therac-20 MeV Saturne linear accelerator. Nair RP. **Strahlentherapie** 1985 Mar;161(3):154-6

[Simplified manufacture of individual field shapers for radiotherapy with electrons] Brix F, et al. **Rontgenpraxis** 1984 Aug;37(8):297-9 **(Ger)**

[The use of CaF2:Tm-dosimetry in pion and heavy ion fields] Hoffmann W. **Strahlentherapie** 1985 Feb;161(2):107-8 (Eng. Abstr.) **(Ger)**

[Vertical proton beam irradiation control system for cancer therapy] Inada T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jun 25; 44(6):844-53 (Eng. Abstr.) **(Jpn)**

[Development of new bolus materials—basic investigation and clinical application of solid type bolus made of chewing gum base] Makino N, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Feb 25; 45(2):379-87 (Eng. Abstr.) **(Jpn)**

[Preparation of patients with head and neck tumors for neutron teletherapy] Musabaeva LI, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):53-4 (Eng. Abstr.) **(Rus)**

METHODS

Electron beam dose planning using Gaussian beams. Energy and spatial scaling with inhomogeneities. Lax I, et al. **Acta Radiol [Oncol]** 1985 Jan-Feb;24(1):75-85

Abdominopelvic radiotherapy in ovarian cancer. A 10-year experience. Dembo AJ. **Cancer** 1985 May 1;55(9 Suppl):2285-90

Twice-a-day irradiation technique for squamous cell carcinomas of the head and neck. Million RR, et al. **Cancer** 1985 May 1;55(9 Suppl):2096-9

Preliminary results of a Phase I/II study with pi-meson (pion) treatment for bladder cancer. Studer UE, et al. **Cancer** 1985 Oct 15;56(8):1943-52

Twice-a-day radiation therapy for cancer of the head and neck. Wang CC, et al. **Cancer** 1985 May 1;55(9 Suppl):2100-4

Biologic basis for altered fractionation schemes. Withers HR. **Cancer** 1985 May 1;55(9 Suppl):2086-95

Carcinoma of nasopharynx: CT scans improve radiotherapy techniques (report of 25 cases). Huang YR. **Comput Radiol** 1984 Sep-Oct;8(5):263-9

Electron arc therapy: physical measurement and treatment planning techniques. Leavitt DD, et al. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):987-99

A test object for evaluation of portal films. Lutz WR, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):631-4

Electron arc therapy: clinical experience with chest wall irradiation. Peacock LM, et al. **Int J Radiat Oncol Biol Phys** 1984 Nov;10(11):2149-53

Computed tomography in radiation therapy treatment planning of hepatic metastases. Rostock RA, et al. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):755-9

Intraoperative irradiation: a new technique in pediatric oncology. Kaufman BH, et al. **J Pediatr Surg** 1984 Dec; 19(6):861-2

Small-beam calibration by 0.6- and 0.2-cm3 ionization chambers. Engler MJ, et al. **Med Phys** 1984 Nov-Dec; 11(6):822-6

Stereotaxic radiotherapy technique for small intracranial lesions. Houdek PV, et al. **Med Phys** 1985 Jul-Aug; 12(4):469-72

Digital processing of high-energy photon beam images. Meertens H. **Med Phys** 1985 Jan-Feb;12(1):111-3

Choice of material for HVL measurements in megavoltage x-ray beams. Meli JA, et al. **Med Phys** 1985 Jan-Feb; 12(1):108-10

Calculation of surface dose in rotational total skin electron irradiation. Pla C, et al. **Med Phys** 1984 Jul-Aug; 11(4):539-46

Comments on 'A protocol for the determination of absorbed dose from high-energy photon and electron beams' [letter] White GA Jr, et al. **Med Phys** 1985 Jan-Feb;12(1):114

Effects of a bolus and inhomogeneities on pion stopping distributions. Wright HA, et al. **Med Phys** 1984 Nov-Dec; 11(6):751-4

Effective wedge angles for 6-MV wedges. Zwicker RD, et al. **Med Phys** 1985 May-Jun;12(3):347-9

A digital image processing system for high energy X-ray portal images. Leong J. **Phys Med Biol** 1984 Dec; 29(12):1527-35

Heavy charged particle irradiation of human cancers. Castro JR. **Radiat Med** 1983 Jan-Mar;1(1):70-5

Proportional counter dosimetry and microdosimetry for radiotherapy with multiple pion beams. Schuhmacher H, et al. **Radiat Res** 1985 Jan;101(1):177-96

Neutron beam characteristics from 50 MeV protons on beryllium using a continuously variable multi-leaf collimator. Brahme A, et al. **Radiother Oncol** 1983 Aug; 1(1):65-76

A neutron-photon treatment planning intercomparison. Mijnheer BJ, et al. **Radiother Oncol** 1985 Feb;3(2):151-64

Computer assisted dosimetry of scanned electron and photon beams for radiation therapy. Näfstadius P, et al. **Radiother Oncol** 1984 Oct;2(3):261-9

An accurate and simple method for megavoltage radiation therapy of retinoblastoma. Schipper J. **Radiother Oncol** 1983 Aug;1(1):31-41

[Conservative treatment of tumors of the retina at the Curie Institute. Long-term results of 129 cases treated with Stallard's disk and electrons] Haye C, et al. **Bull Cancer (Paris)** 1985;72(2):87-98 (Eng. Abstr.) **(Fre)**

[Radiotherapy of vulvar cancer. Treatment results of electron therapy in 446 patients 1956 to 1978] Frischbier HJ, et al. **Geburtshilfe Frauenheilkd** 1985 Jan;45(1):1-5 (Eng. Abstr.) **(Ger)**

[Indications for and methods of deep electron therapy] Kimmig B, et al. **Rontgenpraxis** 1985 Feb;38(2):68-72 **(Ger)**

[Sequential polychemotherapy and large-field radiotherapy of non-Hodgkin's lymphoma] Kuse R, et al. **Strahlentherapie** 1985 Apr;161(4):231-8 (Eng. Abstr.) **(Ger)**

[Symposium: Heavy particles in radiotherapy] **Radiol Med (Torino)** 1984 Apr;70(4 Suppl 1):127-37 **(Ita)**

[Whole body irradiation by high energy electrons for mycosis fungoides] Koga K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Feb 25; 45(2):364-72 (Eng. Abstr.) **(Jpn)**

[Technical and dosimetric aspects of postoperative electron beam irradiation of patients with breast cancer] Polak B, et al. **Nowotwory** 1984 Apr-Jun;34(2):143-9 (Eng. Abstr.) **(Pol)**

[Evaluation of the results of treating squamous cell carcinoma of the lungs by photon X 18 megavolt irradiation after a year] Starzyńska T, et al. **Nowotwory** 1984 Apr-Jun; 34(2):157-63 (Eng. Abstr.) **(Pol)**

STANDARDS

The need for complex technology in radiation oncology. Correlations of facility characteristics and structure with outcome. Hanks GE, et al. **Cancer** 1985 May 1;55(9 Suppl):2198-201

A statistical analysis of ionometrically measured 6-MV x-ray beam parameters. Dawson DJ, et al. **Med Phys** 1984 Sep-Oct;11(5):708-11

The implementation of the AAPM Task Group 21 protocol by the Radiological Physics Center and its implications. Gastorf RJ, et al. **Med Phys** 1984 Jul-Aug;11(4):547-51

A comparison of the AAPM 'Protocol for the determination of absorbed dose from high-energy photon and electron beams' with currently used protocols. Hunt MA, et al. **Med Phys** 1984 Nov-Dec;11(6):806-13

Electron beam central axis depth dose measurements. Kirby TH, et al. **Med Phys** 1985 May-Jun;12(3):357-61

Dosimetric characterization of the 18-MV photon beam from the Siemens Mevatron 77 linear accelerator. Palta JR, et al. **Med Phys** 1984 Sep-Oct;11(5):717-24

AAPM Task Group 21 protocol: dosimetric evaluation. Paul JM, et al. **Med Phys** 1985 Jul-Aug;12(4):424-30

Implications of adopting the AAPM TG-21 calibration protocol for very high energy photon and electron beams [letter] Zwicker RD, et al. **Med Phys** 1984 Jul-Aug; 11(4):561-4

RADIOTHERAPY, INTERSTITIAL see **BRACHYTHERAPY**

RADIOTHERAPY, INTRACAVITY see **BRACHYTHERAPY**

RADIOTHERAPY, SURFACE see **BRACHYTHERAPY**

RADIUM

The effects of sera from Ra dial painters on the mitogenic responses of normal human lymphocytes. Serio CS, et al. **Health Phys** 1984 Aug;47(2):309-13

The induction by 224Ra of myeloid leukaemia and osteosarcoma in male CBA mice. Humphreys ER, et al. **Int J Radiat Biol** 1985 Mar;47(3):239-47

Radium luminizers—selection effects [letter] Sorahan T. **J Occup Med** 1985 Jan;27(1):7

[Safe method of decantation of a radium salt solution or other highly toxic liquid from a damaged diffuser into a new one] Abramov VI, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep-Oct;(5):68-9 **(Rus)**

ADMINISTRATION & DOSAGE

Activation of endogenous C-type retroviral genomes by internal alpha-irradiation of mice with 224Radium. Schmidt J, et al. **Radiat Environ Biophys** 1985;24(1):17-25

[Results of treatment of primary vaginal cancer depending on the radiation dose delivered from radium applicators] Domaradzka-Woźniak A, et al. **Pol Przegl Radiol (Warszawa)** 1984 Jan-Feb;48(1):33-6 (Eng. Abstr.) **(Pol)**

ADVERSE EFFECTS

Age-related and 224Ra-induced abnormalities in the teeth of male mice. Humphreys ER, et al. **Arch Oral Biol** 1985; 30(1):55-64

Cancer risk from the lifetime intake of Ra and U isotopes. Mays CW, et al. **Health Phys** 1985 May;48(5):635-47

Postirradiation angiosarcoma. Goette DK, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 2):922-6

Adenoid cystic carcinoma of the nasopharynx after previous adenoid irradiation. Sofferman RA, et al. **Laryngoscope** 1985 Apr;95(4):458-61

ANALYSIS

Natural radioactivity of Australian building materials, industrial wastes and by-products. Beretka J, et al. **Health Phys** 1985 Jan;48(1):87-95

Gamma activity of the fly ash from a Greek power plant and properties of fly-ash cement. Maraziotis EA. **Health Phys** 1985 Aug;49(2):302-3

Exposure from the radioactivity in building materials. Papastefanou C, et al. **Health Phys** 1984 Nov;47(5):775-83

The assay of 228Ra in biological material. Kshirsagar SG. **Int J Appl Radiat Isot** 1984 Sep;35(9):837-41

The determination of 90Sr and 228Ra in human teeth by age groups and in other substances. Neuzil EF, et al. **Int J Appl Radiat Isot** 1984 Dec;35(12):1113–5

Association of leukemia with radium groundwater contamination. Lyman GH, et al. **JAMA** 1985 Aug 2; 254(5):621–6

Natural radioactivity in Indian tea. Lalit BY, et al. **Radiat Environ Biophys** 1985;24(1):75–9

[Low level alpha activity measurements with pulse shape discrimination—application to the determination of alpha-nuclides in environmental samples] Satoh K, et al. **Radioisotopes** 1984 Dec;33(12):841–6 (Eng. Abstr.) **(Jpn)**

HISTORY

Acceptance of the Coolidge Award. Evans RD. **Med Phys** 1984 Sep–Oct;11(5):579–81

METABOLISM

A field study of Ra accumulation in trout with assessment of radiation dose to man. Rope SK, et al. **Health Phys** 1985 Aug;49(2):247–57

Metabolism of ingested U and Ra. Wrenn ME, et al. **Health Phys** 1985 May;48(5):601–33

Uptake of 226radium and 228radium by the lichen genus Umbilicaria. Kwapulinski J, et al. **Sci Total Environ** 1985 Feb;41(2):135–41

THERAPEUTIC USE

Correlation of treatment volume with milligram–hours for intracavitary applications for carcinoma of the cervix. Gillin MT, et al. **Int J Radiat Oncol Biol Phys** 1985 Jul; 11(7):1407–12

Interstitial radiotherapy of carcinoma of the bladder at the Rotterdam Radiotherapy Institute (RRTI). Van der Werf-Messing BH, et al. **Prog Clin Biol Res** 1984; 162B:71–85

On the therapy of induratio penis plastica (Peyronies disease) by means of radium moulages. Alth G, et al. **Strahlentherapie** 1985 Jan;161(1):30–4

[30 years' radium therapy of eyelid epitheliomas in ophthalmologic practice] Chassaing J. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1207–8 **(Fre)**

[Experience with the conversion from radium therapy to an afterloading procedure with special reference to spatial dose distribution] Frischkorn R. **Strahlentherapie** 1985 May; 161(5):281–5 (Eng. Abstr.) **(Ger)**

[Clinical results of afterloading short-term therapy compared to radium therapy] Rotte K. **Strahlentherapie** 1985 Jun; 161(6):323–8 (Eng. Abstr.) **(Ger)**

[Primary combined radiotherapy of carcinoma of the uterine cervix. Comparison of 192Ir with radium] Schmieder A, et al. **Strahlentherapie** 1985 May;161(5):270–4 (Eng. Abstr.) **(Ger)**

RADIUS

Irreducible displacement of the distal radial epiphysis complicating a fracture of the lower radius and ulna. Young TB. **Injury** 1984 Nov;16(3):166–8

Chondrosarcoma in the radius of a horse. Bertone AL, et al. **J Am Vet Med Assoc** 1984 Sep 1;185(5):534–7

Congenital proximal radio-ulnar synostosis. Natural history and functional assessment. Cleary JE, et al. **J Bone Joint Surg [Am]** 1985 Apr;67(4):539–45

Distal ulnar recession for disorders of the distal radioulnar joint. Darrow JC Jr, et al. **J Hand Surg [Am]** 1985 Jul; 10(4):482–91

Management of acute distal radioulnar dislocations associated with radial shaft substance loss. Foster RJ, et al. **J Hand Surg [Am]** 1985 Jan;10(1):72–5

Radiocarpal septum after trauma. Wehbé MA, et al. **J Hand Surg [Am]** 1985 Jul;10(4):498–502

Successful autogenous corticocancellous grafting of a radial defect complicating acute hematogenous osteomyelitis in an infant. Dugdale TW 3d, et al. **J Pediatr Orthop** 1985 Jul–Aug;5(4):479–82

Congenital pseudarthrosis of the radius [clinical conference] Herring JA, et al. **J Pediatr Orthop** 1985 May–Jun; 5(3):367–9

Extensive distal subcutaneous metastases of a 'benign' giant cell tumor of the radius. Serra JM, et al. **Plast Reconstr Surg** 1985 Feb;75(2):263–7

Case report 300. Parosteal osteosarcoma arising from the proximal end of the left radius. Farmlett E, et al. **Skeletal Radiol** 1985;13(1):89–93

Nuclear polymorphism in osteosarcomas as a prognostic factor for the effect of chemotherapy. A quantitative study. Apel R, et al. **Virchows Arch [A]** 1985;405(2):215–23

[Epicondylitis of the humerus and styloiditis of the radius] Tumian SD. **Ortop Travmatol Protez** 1985 May;(5):48–9 **(Rus)**

ABNORMALITIES

Forelimb malformation in rats caused by cyclophosphamide. Jeyaseelan N, et al. **Acta Orthop Scand** 1984 Dec; 55(6):643–6

Tetraphocomelia in the syndrome of thrombocytopenia with absent radii (TAR syndrome). Anyane–Yeboa K, et al. **Am J Med Genet** 1985 Apr;20(4):571–6

Transfer of the abductor digiti minimi (quinti) in radial deformities of the hand in children. Oberlin C, et al. **Ann Chir Main** 1984;3(3):215–20 **(Eng, Fre)**

Nager's acrofacial dysostosis with thumb duplication: report of a case. Giugliani R, et al. **Clin Genet** 1984 Sep; 26(3):228–30

Cerebrocostomandibular syndrome. Case report and literature review. Smith KG, et al. **Clin Pediatr (Phila)** 1985 Apr;24(4):223–5

Radial agenesis and ulnar hypoplasia in two caprine kids. Baum KH, et al. **J Am Vet Med Assoc** 1985 Jan 15; 186(2):170–1

[Congenital bilateral radio–ulnar synostosis] Jørgensen AK. **Ugeskr Laeger** 1984 Nov 19;146(47):3660 (Eng. Abstr.) **(Dan)**

ANALYSIS

[Separate measurements of compact and spongy bone density using a transverse rotation scanner. Determination of mineral content of the radius using a least squares algorithm] Schneider VP, et al. **ROFO** 1985 Aug; 143(2):178–82 (Eng. Abstr.) **(Ger)**

ANATOMY & HISTOLOGY

Bone density in women: a modified procedure for measurement of distal radial density. Awbrey BJ, et al. **J Orthop Res** 1984;2(4):314–21

The distal radio ulnar joint. The influence of geometry and ligament on simulated Colles' fracture. An experimental study. af Ekenstam F, et al. **Scand J Plast Reconstr Surg** 1985;19(1):27–31

Anatomical studies on the geometry and stability of the distal radio ulnar joint. af Ekenstam F, et al. **Scand J Plast Reconstr Surg** 1985;19(1):17–25

BLOOD SUPPLY

Osler's nodes, pseudoaneurysm formation, and sepsis complicating percutaneous radial artery cannulation. Cohen A, et al. **Crit Care Med** 1984 Dec;12(12):1078–9

GROWTH & DEVELOPMENT

Torus fracture of the distal radius producing growth arrest. Connolly JF, et al. **Nebr Med J** 1985 Jun;70(6):204–7

INJURIES

Dislocation of the distal radio–ulnar joint [letter] Onuba O. **Arch Emerg Med** 1985 Mar;2(1):49–51

Radiocarpal dislocation—classification and rationale for management. Moneim MS, et al. **Clin Orthop** 1985 Jan–Feb; (192):199–209

Isolated traumatic posterior dislocation of the radial head—a case report. Jones JR, et al. **Injury** 1985 Mar;16(5):307–8

A new injury of the distal radio–ulnar joint. Graham HK, et al. **J Bone Joint Surg [Br]** 1985 Mar;67(2):302–4

[Forearm fractures with distal radio–ulnar dislocation] Møller JT, et al. **Ugeskr Laeger** 1984 Oct 29;146(44):3363–5 (Eng. Abstr.) **(Dan)**

[Luxations of the proximal end of the radius in children] Dubuc JE, et al. **Acta Orthop Belg** 1984;50(6):815–36 (Eng. Abstr.) **(Fre)**

[Operative long–term results in delayed radius head dislocation in childhood] Schmitt E, et al. **Aktuel Traumatol** 1985 Feb;15(1):36–41 (Eng. Abstr.) **(Ger)**

[Isolated dislocation in the distal radio–ulnar joint] Zuber M, et al. **Z Unfallchir Versicherungsmed Berufskr** 1984; 77(2):107–10 **(Ger)**

METABOLISM

[Determination of bone mineral levels: long–term reproducibility and results in pathological conditions] Kapitola J, et al. **Cas Lek Cesk** 1984 Jun 29;123(26):794–7 (Eng. Abstr.) **(Cze)**

PATHOLOGY

Blood–borne spread of a benign giant cell tumor from the radius to the soft tissue of the hand. Joly MA, et al. **Cancer** 1984 Dec 1;54(11):2564–7

Bone density in osteopenic women: a modified distal radius density measurement procedure to develop an 'at risk' value for use in screening women. Grubb SA, et al. **J Orthop Res** 1984;2(4):322–7

[Post–traumatic plastic deformity of the forearm. Report of a new case] Pellacci F. **Chir Organi Mov** 1984;69(2):205–8 (Eng. Abstr.) **(Ita)**

PHYSIOLOGY

Effects of radius—ulna removal on forelimb regeneration in Xenopus laevis froglets. Korneluk RG, et al. **J Embryol Exp Morphol** 1984 Aug;82:9–24

RADIOGRAPHY

Decreased radial bone mass in Colles' fracture. Hesp R, et al. **Acta Orthop Scand** 1984 Oct;55(5):573–5

Radial head–capitellum view [letter] Hall–Craggs MA, et al. **AJR** 1985 Mar;144(3):650

RADIONUCLIDE IMAGING

Marked disparity between trabecular and cortical bone loss with age in healthy men. Measurement by vertebral computed tomography and radial photon absorptiometry. Meier DE, et al. **Ann Intern Med** 1984 Nov;101(5):605–12

Re: Does bone measurement on the radius indicate skeletal status? [letter] Hosie CJ. **J Nucl Med** 1984 Oct; 25(10):1151–2

SURGERY

Capacitively coupled electrical stimulation of bone healing in the horse: in vivo study with a Salter type IV osteotomy model with stainless steel surface electrodes. Collier MA, et al. **Am J Vet Res** 1985 Mar;46(3):622–31

Long–term follow–up of nonvascularized fibular autografts for distal radial reconstruction. Noellert RC, et al. **J Hand Surg [Am]** 1985 May;10(3):335–40

Repair of chronic subluxation of the distal radioulnar joint (ulnar dorsal) using flexor carpi ulnaris tendon. Tsai TM, et al. **J Hand Surg [Br]** 1984 Oct;9(3):289–94

[Treatment of Kienböck's disease with segmentary shortening of the radius. Apropos of 28 cases] Razemon JP. **Chirurgie** 1984;110(6–7):600–7 (Eng. Abstr.) **(Fre)**

[Fractures of the radial capitellum. Resection of the capitellum (remote results)] Caserta S, et al. **Chir Ital** 1984 Jun;36(3):450–5 (Eng. Abstr.) **(Ita)**

[Giant cell tumor of the distal epiphysis of the radius] Matwin B. **Chir Narzadow Ruchu Ortop Pol** 1984;49(3):281–5 (Eng. Abstr.) **(Pol)**

[Possibilities of the surgical treatment of defective pseudoarthroses of the forearm] Stevanović M, et al. **Srp Arh Celok Lek** 1984 Mar;112(3):259–71 (Eng. Abstr.) **(Scc)**

TRANSPLANTATION

Treatment of scaphoid nonunion by volar inlay distal radius bone graft. Andrews J, et al. **J Hand Surg [Br]** 1985 Jun; 10(2):214–6

The hairless osteotomized radial forearm flap. Moore MH, et al. **Plast Reconstr Surg** 1985 Aug;76(2):301–6

RADIUS FRACTURES

CLASSIFICATION

Classification of distal radius fractures. Solgaard S. **Acta Orthop Scand** 1985 Jun;56(3):249–52

COMPLICATIONS

Fractures of the radial head in adults with the complication 'cubitus valgus'. Sutro CJ, et al. **Bull Hosp Jt Dis Orthop Inst** 1985 Spring;45(1):65–73

Skeletal management of humeral shaft fractures associated with forearm fractures. Lange RH, et al. **Clin Orthop** 1985 May;(195):173–7

Radiocarpal fracture—dislocation. Schoenecker PL, et al. **Clin Orthop** 1985 Jul–Aug;(197):237–44

Irreducible displacement of the distal radial epiphysis complicating a fracture of the lower radius and ulna. Young TB. **Injury** 1984 Nov;16(3):166–8

Management of acute distal radioulnar dislocations associated with radial shaft substance loss. Foster RJ, et al. **J Hand Surg [Am]** 1985 Jan;10(1):72–5

Entrapment of the median nerve and flexor pollicis longus tendon in an epiphyseal fracture–dislocation of the distal radioulnar joint: a case report. Sumner JM, et al. **J Hand Surg [Am]** 1984 Sep;9(5):711–4

The hand complications of Colles' fractures. Stewart HD, et al. **J Hand Surg [Br]** 1985 Feb;10(1):103–6

Adult Monteggia lesion with ipsilateral wrist fracture. Greiss ME, et al. **J R Soc Med** 1984 Dec;77(12):1050–2

Torus fracture of the distal radius producing growth arrest. Connolly JF, et al. **Nebr Med J** 1985 Jun;70(6):204–7

[Indications and results in shortening osteotomy of the ulna] Faupel L, et al. **Unfallchirurgie** 1984 Oct;10(5):250–3 (Eng. Abstr.) **(Ger)**

[Combined Colles' and scaphoid fractures] Wallander H, et al. **Lakartidningen** 1984 Nov 7;81(45):4183 **(Swe)**

ETIOLOGY

The stabilizing effect of soft–tissue constraints in artificial Galeazzi fractures. Moore TM, et al. **Clin Orthop** 1985 Apr; (194):189–94

[Outcome of obstetric fractures of the forearm] Romanini L, et al. **Chir Organi Mov** 1982–83;68(4–6):677–80 (Eng. Abstr.) **(Ita)**

HISTORY

[Abraham Colles (1773–1843) and his description in 1814 of the fracture of the radius] Strmeň J. **Rozhl Chir** 1984 Oct; 63(10):701–4 **(Slo)**

OCCURRENCE

Fractures of the distal forearm in Newcastle: an epidemiological survey. Miller SW, et al. **Age Ageing** 1985 May;14(3):155–8

A stochastic model of age–related bone loss and fractures. Horsman A, et al. **Clin Orthop** 1985 May;(195):207–15

PHYSIOPATHOLOGY

Fracture of long bones: rate effects under singular and combined loading states. Peterson DL, et al. **J Orthop Res** 1984;1(3):244–50

[Effect of arterial and venous insufficiency on the healing of fractures of long tubular bones] Bolatashvili IF. **Khirurgiia (Mosk)** 1985 May;(5):72-4 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Decreased radial bone mass in Colles' fracture. Hesp R, et al. **Acta Orthop Scand** 1984 Oct;55(5):573-5

Radial head-capitellum view [letter] Hall-Craggs MA, et al. **AJR** 1985 Mar;144(3):650

Nonunion of the radial head. Horne G, et al. **J Trauma** 1985 May;25(5):452-3

[Frequency of roentgen studies during the healing of distal radius and fibula fractures] Schleicher C, et al. **Radiol Diagn (Berl)** 1984;25(4):425-33 (Eng. Abstr.) **(Ger)**

REHABILITATION

[Calculation of stress in the region of Colles' fracture at a typical location during handgrip] Solomonik ZE, et al. **Ortop Travmatol Protez** 1985 Apr;(4):29-32 (Eng. Abstr.) **(Rus)**

SURGERY

Surgical treatment of fractures of the proximal end of the radius in childhood. van Vugt AB. **Arch Orthop Trauma Surg** 1985;104(1):37-41

Osteotomy of the distal radius with a biplanar iliac bone graft for malunion. Bora FW Jr, et al. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):122-31

Stable fixation of fractures of the forearm in adults. Pecorelli F, et al. **Ital J Orthop Traumatol** 1985 Mar;11(1):29-36

Percutaneous Kirschner-wire fixation of Colles fractures. A prospective study of thirty cases. Clancey GJ. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1008-14

Results of compression-plating of closed Galeazzi fractures. Moore TM, et al. **J Bone Joint Surg [Am]** 1985 Sep;67(7):1015-21

Treatment of unstable fractures of the distal radius by external fixation. Vaughan PA, et al. **J Bone Joint Surg [Br]** 1985 May;67(3):385-9

Vascularized bone grafts in the treatment of infected forearm nonunions. Dell PC, et al. **J Hand Surg [Am]** 1984 Sep;9(5):653-8

Open radiocarpal fracture-dislocations. Nyquist SR, et al. **J Hand Surg [Am]** 1984 Sep;9(5):707-10

[Intramedullary fixation of Colles' fracture by the Rush method] Hansen SL, et al. **Ugeskr Laeger** 1984 Oct 22;146(43):3278-80 (Eng. Abstr.) **(Dan)**

[Forearm fractures with distal radio-ulnar dislocation] Møller JT, et al. **Ugeskr Laeger** 1984 Oct 29;146(44):3363-5 (Eng. Abstr.) **(Dan)**

[Results of the treatment of complex fractures of the distal epiphysis of the radius by Hoffmann's external fixator used in radio-metacarpal distraction] Chaise F, et al. **Acta Orthop Belg** 1984;50(6):781-90 (Eng. Abstr.) **(Fre)**

[Percutaneous tire-lever maneuver in the emergency reduction of very displaced suprametaphyseal fractures of the inferior fourth of the radius in children] Randriamananjara NF, et al. **Acta Orthop Belg** 1984;50(6):860-3 (Eng. Abstr.) **(Fre)**

[Replacement-plasty of the coronoid process in unstable elbow joint dislocations with avulsion fracture of the coronoid process and radius head crush fracture] Meeder PJ, et al. **Aktuel Traumatol** 1985 Apr;15(2):89-90 **(Ger)**

[Indication and value of corrective osteotomy of the distal radius] Wermann H, et al. **Beitr Orthop Traumatol** 1984 Sep;31(9):453-9 (Eng. Abstr.) **(Ger)**

[Indications and results of corrective radius operations] Wilhelm K. **Handchir Mikrochir Plast Chir** 1985 Jul;17(4):225-9 (Eng. Abstr.) **(Ger)**

[Indications and results of plate osteosynthesis of the distal radius] Letsch R, et al. **Langenbecks Arch Chir** 1984;364:363-8 (Eng. Abstr.) **(Ger)**

[Fractures in the elbow joint area in childhood and adolescence] Benz G, et al. **Unfallchirurgie** 1985 Jun;11(3):128-35 (Eng. Abstr.) **(Ger)**

[Surgical indications and choice of procedure in distal radius fractures--wire, plates, external fixation] Faupel L, et al. **Unfallchirurgie** 1984 Oct;10(5):245-9 (Eng. Abstr.) **(Ger)**

[Tendon rupture as a complication after osteosynthesis of distal radius] Lugger LJ, et al. **Unfallchirurgie** 1984 Oct;10(5):266-70 (Eng. Abstr.) **(Ger)**

[Distal radius fractures at a municipal clinic. Causes, treatment and results] Häring M, et al. **Unfallheilkunde** 1984 Aug;87(8):351-3 (Eng. Abstr.) **(Ger)**

[Endoprosthesis in the treatment of the radius head following fractures of the radius head in children] Träger D, et al. **Unfallheilkunde** 1984 Sep;87(9):387-9 (Eng. Abstr.) **(Ger)**

[Compression/flexion fractures of the radius base (Smitl. fractures)] Siggelkow G, et al. **Zentralbl Chir** 1985;110(7):413-8 (Eng. Abstr.) **(Ger)**

[Injury of the carpal disk in fractures of the distal end of the radius] Mikic Z, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1984;27(3):175-82 (Eng. Abstr.) **(Hun)**

[The role of resection of the distal ulna in the management of malunion of fractures of the distal radius] Somer T, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1985;28(1):35-8 (Eng. Abstr.) **(Hun)**

[Fractures of the radial capitellum. Resection of the capitellum (remote results)] Caserta S, et al. **Chir Ital** 1984 Jun;36(3):450-5 (Eng. Abstr.) **(Ita)**

[Treatment of pseudarthroses and ununited fractures of the forearm bones using revascularized autotransplantation of the cortical layer of the fibula] Stepanov GA, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):97-100 (Eng. Abstr.) **(Rus)**

[Closed osteosynthesis of diaphyseal humeral and forearm bone fractures with internal construction] Karalin AN, et al. **Ortop Travmatol Protez** 1985 Apr;(4):26-9 (Eng. Abstr.) **(Rus)**

[Methods of complex functional rehabilitation treatment of inveterate humeral fractures and fractures of bones of the elbow joint associated with peripheral nerve injuries (in the system of surgical treatment] Razenkov NN, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep-Oct;(5):40-4 (Eng. Abstr.) **(Rus)**

THERAPY

Fracture of the head of the radius treated by elbow cast. Mathur N, et al. **Acta Orthop Scand** 1984 Oct;55(5):567-8

Comparison of local anaesthetic techniques in the reduction of Colles' fracture. Wardrope J, et al. **Arch Emerg Med** 1985 Jun;2(2):67-72

Early results after Colles' fracture: functional bracing in supination vs dorsal plaster immobilization. Bünger C, et al. **Arch Orthop Trauma Surg** 1984;103(4):251-6

Haematoma block--a safe method of reducing Colles' fractures. Case RD. **Injury** 1985 Jul;16(7):469-70

Factors affecting the outcome of Colles' fracture: an anatomical and functional study. Stewart HD, et al. **Injury** 1985 Mar;16(5):289-95

External fixation in the treatment of fractures of the distal forearm. Bossi E, et al. **Ital J Orthop Traumatol** 1984 Sep;10(3):341-8

Functional cast-bracing for Colles' fractures. A comparison between cast-bracing and conventional plaster casts. Stewart HD, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):749-53

MMIE malpractice claim review. Family practice. **Minn Med** 1984 Nov;67(11):629

The distal radio ulnar joint. The influence of geometry and ligament on simulated Colles' fracture. An experimental study. af Ekenstam F, et al. **Scand J Plast Reconstr Surg** 1985;19(1):27-31

[Splinting of Colles' fracture. Dynamic splint in supination compared with conventional dorsal plaster splint] Bünger C, et al. **Ugeskr Laeger** 1985 May 13;147(20):1619-22 (Eng. Abstr.) **(Dan)**

[Early results following loco classico radius fractures] Villiger A. **Schweiz Rundsch Med Prax** 1985 Jan 29;74(5):80-3 (Eng. Abstr.) **(Ger)**

[The small external fixator] Jakob RP. **Z Unfallchir Versicherungsmed Berufskr** 1985;78(1):53-5 **(Ger)**

[Effectiveness of conservative treatment following distal radius epiphyses injuries] Ansorg P, et al. **Zentralbl Chir** 1985;110(6):360-5 (Eng. Abstr.) **(Ger)**

[Fractures of the forearm in children] Poli G, et al. **Chir Organi Mov** 1984;69(4):349-54 (Eng. Abstr.) **(Ita)**

VETERINARY

Repair of a proximal radius fracture in a horse. May SA, et al. **Vet Rec** 1984 Nov 17;115(20):516-8

RADON

Relationship between the 210Pb content of teeth and exposure to Rn and Rn daughters. Clemente GF, et al. **Health Phys** 1984 Aug;47(2):253-62

On some properties of 222Rn short-lived decay products in air. Shimo M, et al. **Health Phys** 1985 Jan;48(1):75-86

[Irradiation of the patient's body in carbonate-radon baths] Andreev SV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov-Dec;(6):35-8 **(Rus)**

[Radon steam bath therapy of patients with stage IIB hypertension at the Khodzha-Obi-Garm health resort] Bobokhodzhaev MKh, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov-Dec;(6):32-5 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Lung cancer among underground workers in the iron ore mine of Kiruna based on thirty years of observation. Jorgensen HS. **Ann Acad Med Singapore** 1984 Apr;13(2 Suppl):371-7

Radon daughter exposure in mines, smoking and lung cancer. Edling C. **Arh Hig Rada Toksikol** 1983 Dec;34(4):265-73

Health effects and risks from 222Rn in drinking water. Cross FT, et al. **Health Phys** 1985 May;48(5):649-70

[The importance of radon and its daughter products for housing hygiene] Schüttmann W. **Z Gesamte Hyg** 1985 Jun;31(6):326-31 (36 ref.) (Eng. Abstr.) **(Ger)**

ANALYSIS

Simultaneous measurement of Rn and its progeny in cave air by liquid scintillation techniques and alpha-ray spectrometry. Amano H, et al. **Health Phys** 1985 Sep;49(3):509-11

Theoretical models for determining 222Rn and 220Rn progeny levels in Canadian underground U mines--a comparison with experimental data. Bigu J. **Health Phys** 1985 Apr;48(4):371-99

Radon concentrations inside public and commercial buildings in the Pittsburgh area. Cohen BL, et al. **Health Phys** 1984 Sep;47(3):399-405

Time-averaged indoor Rn concentrations and infiltration rates sampled in four U.S. cities. Doyle SM, et al. **Health Phys** 1984 Oct;47(4):579-86

Radon emanation from coals: effects of moisture and particle size. Greiner NR. **Health Phys** 1985 Mar;48(3):283-8

Field and laboratory tests of etched track detectors for 222Rn: summer-vs-winter variations and tightness effects in Maine houses. Hess CT, et al. **Health Phys** 1985 Jul;49(1):65-79

A field experiment on Rn flux from reclaimed uranium mill tailings. Hinton TG, et al. **Health Phys** 1985 Apr;48(4):421-7

Radon-222 and 222Rn progeny concentrations measured in an energy-efficient house equipped with a heat exchanger. Holub RF, et al. **Health Phys** 1985 Aug;49(2):267-77

Verification of the generalized Kusnetz method for measuring potential alpha energy from Rn daughters. Inkret WC, et al. **Health Phys** 1985 Mar;48(3):261-4

Emanation coefficients for Rn in sized coal fly ash. Kalkwarf DR, et al. **Health Phys** 1985 Apr;48(4):429-36

Radon-222 concentrations and decay-product equilibrium in dwellings and in the open air. Keller G, et al. **Health Phys** 1984 Sep;47(3):385-98

Radon entry into houses having a crawl space. Nazaroff WW, et al. **Health Phys** 1985 Mar;48(3):265-81

A passive diffusion 222Rn sampler based on activated carbon adsorption. Prichard HM, et al. **Health Phys** 1985 Jun;48(6):797-803

Radon exhalation: moisture and temperature dependence. Stranden E, et al. **Health Phys** 1984 Sep;47(3):480-4

Radon-222 concentration measurements in soil using liquid scintillation and Track Etch. Wadach JB, et al. **Health Phys** 1985 Jun;48(6):805-8

[Effect of various meteorological factors on changes in the level of radon degradation products] Kvapulin'ski E, et al. **Gig Sanit** 1984 Aug;(8):75-7 **(Rus)**

[A method and device for measuring radon concentration] Andreev SV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar-Apr;(2):67-9 **(Rus)**

[Simulator of radon concentration for checking gamma radiometers] Andreev SV. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Jul-Aug;(4):67-9 **(Rus)**

METABOLISM

Radon-222 in the gastrointestinal tract: a proposed modification of the ICRP Publication 30 model. Dundulis WP Jr, et al. **Health Phys** 1984 Aug;47(2):243-52

POISONING

Cancer incidence among workers exposed to radon and thoron daughters at a niobium mine. Solli HM, et al **Scand J Work Environ Health** 1985 Feb;11(1):7-13

THERAPEUTIC USE

[Complex medical rehabilitation of patients with rheumatic heart disease at the sanatorium stage using radon baths from a local source and homologous immunoglobulin] Maslova LA, et al. **Ter Arkh** 1984;56(12):32-5 (Eng. Abstr.) **(Rus)**

[Effect of water temperature in radon baths on irradiation of the patient's body] Andreev SV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan-Feb;(1):49-51 (Eng. Abstr.) **(Rus)**

[Effect of Nishka Banya radon baths on arterial pressure and phase structure of cardiac rhythm in patients with arterial hypertension] Ilich S, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep-Oct;(5):21-3 (Eng. Abstr.) **(Rus)**

[Use of dry-air radon baths at the sanatorium stage of rehabilitation of patients with rheumatoid arthritis] Mikunis RI, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May-Jun;(3):61-3 **(Rus)**

[Radon therapy in the complex treatment of patients with ischemic heart disease and hypertension at the Belokurikha health resort] Nikitin IuP, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan-Feb;(1):13-5 (Eng. Abstr.) **(Rus)**

RAFFINOSE see under **OLIGOSACCHARIDES**

RAFOXANIDE see under **SALICYLAMIDES**

RAGE see under **ANGER**

RAILLIETINA see under **CESTODA**

RAILLIETINIASIS

VETERINARY

Raillietina cesticillus: variability of infections in experimentally infected chickens. Elowni EE. **J Helminthol** 1984 Dec;58(4):287-9

RAILROADS

Asbestos-related disease in railroad workers. A cross-sectional study. Oliver LC, et al. **Am Rev Respir Dis** 1985 Apr;131(4):499–504

Psychologic investigation in the estimation of the effects of hypotensive therapy in hypertensive patients working in the railway and highway traffic security. Guţiu I, et al. **Med Interne** 1985 Apr–Jun;23(2):109–13

Mortality among asbestos-exposed workers in a railroad workshop. Ohlson CG, et al. **Scand J Work Environ Health** 1984 Oct;10(5):283–91

Railways, disease and health in South Africa. Hogbin V. **Soc Sci Med** 1985;20(9):933–8

[A study on the thermographic diagnosis of vibration disease of tie-tamper operators in the Japanese National Railways] Hirahata H. **Sangyo Igaku** 1984 Jan;26(1):22–31 (Eng. Abstr.) **(Jpn)**

[Analysis of mortality patterns in an area supplying tunnel workers away from home. Part 2. Mortality patterns among tunnel workers] Hisashige A, et al. **Sangyo Igaku** 1984 Jan; 26(1):45–52 (Eng. Abstr.) **(Jpn)**

[Ecology of fungi in the work area and the incidence of mycoses in Polish railroad workers] Banaszkiewicz H, et al. **Przegl Dermatol** 1984 Mar–Apr;71(2):135–40 (Eng. Abstr.) **(Pol)**

[Analysis of cases of dermatomycoses with reference to zoonotic mycoses in railway workers treated at the Research Center of the Railway Health Service 1978–1982] Banaszkiewicz H. **Przegl Dermatol** 1984 May–Jun; 71(3):259–63 (Eng. Abstr.) **(Pol)**

[Social-hygienic aspects of working, living and nutritional conditions of railroad locomotive workers] Demirskaia LN. **Gig Sanit** 1985 Apr;(4):73–4 **(Rus)**

[Experience in using low doses of ascorbic acid for reducing the morbidity of engine teams of the Moscow subway] Dubrovskaia TA, et al. **Gig Tr Prof Zabol** 1985 May; (5):46–8 **(Rus)**

[Effectiveness of a set of rehabilitative measures without leaving work, for locomotive engineers suffering from hypertension] Kobzar' MG. **Gig Tr Prof Zabol** 1984 Jul; (7):26–9 (Eng. Abstr.) **(Rus)**

[Achievements and perspectives of occupational hygiene in the railroad transport industry] Prokhorov AA. **Gig Tr Prof Zabol** 1984 Aug;(8):5–9 **(Rus)**

[Detection of a mass breeding site of Culex pipiens L. blood-sucking mosquitoes and their attack on people in the area of Ziadin Station of the Central Asian Railroad. Measures for controlling and preventing their breeding] Kulanin VL. **Med Parazitol (Mosk)** 1985 May–Jun;(3):84–5 (Eng. Abstr.) **(Rus)**

[Active oculography as a method of diagnosing the psychophysiologic condition of a man] Volkov VG, et al. **Zh Vyssh Nerv Deiat** 1984 Nov–Dec;34(6):1022–30 (Eng. Abstr.) **(Rus)**

STANDARDS

[Hygienic characteristics of lighting in compartments without windows] Sosnova TL, et al. **Gig Sanit** 1985 Jan;(1):28–30 (Eng. Abstr.) **(Rus)**

RAIN see under **WEATHER**

RALES see **RESPIRATORY SOUNDS**

RAMAN SPECTROSCOPY see **SPECTRUM ANALYSIS, RAMAN**

RANA see **RANIDAE**

RANA CATESBEIANA

ANATOMY & HISTOLOGY

The development of glomerular capillary tufts of the bullfrog kidney from a straight interstitial vessel to an anastomosed capillary network. A scanning electron microscopic study of vascular casts. Naito I. **Arch Histol Jpn** 1984 Oct; 47(4):441–56

The correlation of fine structure with endocrine function of ovarian follicle cells in tadpoles. Hsü CY, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):77–87

Electron microscopic study of the innervation of the renal tubules and urinary bladder epithelium in Rana catesbeiana and Necturus maculosus. Tsuneki K, et al. **J Morphol** 1984 Aug;181(2):143–53

Central projections of primary vestibular fibers in the bullfrog: I. The vestibular nuclei. Kuruvilla A, et al. **Laryngoscope** 1985 Jun;95(6):692–707

ATP ase-positive and metallophilic cells in the skin of frog, Rana catesbeiana. Banerjee TK, et al. **Nagoya J Med Sci** 1985 Mar;47(3–4):83–90

BLOOD

Putative nuclear triiodothyronine receptors in tadpole erythrocytes during metamorphic climax. Galton VA, et al. **Endocrinology** 1985 Jan;116(1):99–104

Immunofluorescent detection and localization of thyroxine in blood of Rana catesbeiana from early larval through metamorphic stages. Piotrowski DC, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):82–90

GROWTH & DEVELOPMENT

Isolation of lysosomes from the tail of metamorphosing bullfrog tadpole. Kobayashi K, et al. **Comp Biochem Physiol [B]** 1985;81(3):603–7

In vitro estradiol synthesis and secretion by tadpole ovaries of different developmental stages. Hsu CY, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):393–6

The development of ACTH-like substance during tadpole metamorphosis. Yu NW, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):72–6

Immunocytochemistry of luteinizing hormone-releasing hormone during spontaneous and thyroxine-induced metamorphosis of bullfrogs. Whalen R, et al. **J Exp Zool** 1985 Apr;234(1):131–44

Static lung compliance during the development of the bullfrog, Rana catesbeiana. Dupré RK, et al. **Respir Physiol** 1985 Feb;59(2):231–8

METABOLISM

Immunocytochemical localization of serotonin-like immunoreactivities in the ciliated epithelium of the frog palatine mucosa. Maruyama I, et al. **Acta Anat (Basel)** 1984; 120(3):160–3

The effect of dexamethasone on plasma glucose and liver glycogen levels in premetamorphic Rana catesbeiana tadpoles and frogs. Woody CJ, et al. **Comp Biochem Physiol [A]** 1985;80(3):359–62

3,5,3'-Triiodothyronine receptors and thyroxine 5'-monodeiodinating activity in thyroid hormone-insensitive amphibia. Galton VA. **Gen Comp Endocrinol** 1985 Mar;57(3):465–71

PHYSIOLOGY

Occurrence of bone fractures and parathyroid hyperplasia in paraphysectomized frogs (Rana catesbeiana). Nelson SR, et al. **Anat Rec** 1985 Mar;211(3):311–7

A cadmium-sensitive, tetrodotoxin-resistant sodium channel in bullfrog autonomic axons. Bowers CW. **Brain Res** 1985 Aug 5;340(1):143–7

Insulin-like immunoreactivity in serum and pancreas of metamorphosing tadpoles. Hulsebus J, et al. **Gen Comp Endocrinol** 1985 Apr;58(1):114–9

Changes in hormone levels in relation to breeding behavior in male bullfrogs (Rana catesbeiana) at the individual and population levels. Mendonça MT, et al. **Gen Comp Endocrinol** 1985 May;58(2):270–9

Pituitary responsiveness to superfused GnRH in two species of ranid frogs. Porter DA, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):308–15

Development of locomotor mechanisms in the frog. Stehouwer DJ, et al. **J Neurophysiol** 1985 Jun; 53(6):1453–66

Trigeminal nerve activity and buccal pressure as an index of total inspiratory activity in the bullfrog. Sakakibara Y. **Jpn J Physiol** 1984;34(5):827–38

Two distinct Ca-dependent K currents in bullfrog sympathetic ganglion cells. Pennefather P, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):3040–4

Opportunistic scavenging by the bullfrog, Rana catesbeiana (Amphibia, Anura, Ranidae). Guarisco H. **Trans Kans Acad Sci** 1985 Apr;88(1–2):38–9

RANA ESCULENTA

ANATOMY & HISTOLOGY

Sensory cells of the 'rod-' and 'cone-type' in the pineal organ of Rana esculenta, as revealed by immunoreaction against opsin and by the presence of an oil (lipid) droplet. Vigh B, et al. **Cell Tissue Res** 1985;240(1):143–8

GENETICS

Intra-individual length heterogeneity of Rana esculenta mitochondrial DNA. Monnerot M, et al. **Biol Cell** 1984; 52(3):213–8

GROWTH & DEVELOPMENT

[Experimental demonstration of the annual characteristic of the lines of arrest of skeletal growth in Rana esculenta (Amphibia, anura)] Francillon H, et al. **C R Acad Sci [III]** 1985;300(8):327–32 (Eng. Abstr.) **(Fre)**

METABOLISM

Preliminary researches on the characterization of the glycoconjugates in the oviduct of Rana esculenta complex during its reproductive cycle. Menghi G, et al. **Anat Anz** 1985;158(4):337–41

The cyclo-oxygenase pathway in the avascular heart of the frog, Rana esculenta L. Ghiara P, et al. **Gen Pharmacol** 1984;15(4):309–13

Seasonal testosterone profile and testicular responsiveness to pituitary factors and gonadotrophin releasing hormone during two different phases of the sexual cycle of the frog (Rana esculenta). Pierantoni R, et al. **J Endocrinol** 1984 Sep;102(3):387–92

PHYSIOLOGY

The transducer and encoder of frog muscle spindles are essentially nonlinear. Physiological conclusions from a white-noise analysis. Pöpel B, et al. **Biol Cybern** 1984; 51(1):21–32

Acoustic vibration of the amphibian eardrum studied by white noise analysis and holographic interferometry. Anson M, et al. **J Acoust Soc Am** 1985 Sep;78(3):916–23

Maturation involves suppression of voltage-gated currents in the frog oocyte. Taglietti V, et al. **J Cell Physiol** 1984 Dec;121(3):576–88

Evidence for the role of calcium in the hydrosmotic response to antidiuretic hormone in frog skin. Svelto M, et al. **Pflugers Arch** 1984 Oct;402(2):166–70

RANA PIPIENS

ANATOMY & HISTOLOGY

A comparative study of the membrane structure in different types of muscle fibers in the frog. Verma V. **Eur J Cell Biol** 1984 Sep;35(1):122–8

The internal horizontal cell of the frog. Analysis of receptor input. Ogden TE, et al. **Invest Ophthalmol Vis Sci** 1984 Dec;25(12):1382–94

Morphology of endoneurial blood vessels of frog sciatic nerve during vascular perfusion. Michel ME, et al. **Microvasc Res** 1984 Sep;28(2):220–32

EMBRYOLOGY

Effect of nuclear magnetic resonance on early stages of amphibian development. Prasad N, et al. **Magn Reson Imaging** 1982;1(1):35–8

GROWTH & DEVELOPMENT

Teratogenic and lethal effects of paraquat on developing frog embryos (Rana pipiens). Dial NA, et al. **Bull Environ Contam Toxicol** 1984 Nov;33(5):592–7

Growth and metamorphosis of the rectus abdominis muscle in Rana pipiens. Lynch K. **J Morphol** 1984 Dec; 182(3):317–37

IMMUNOLOGY

T-lymphocyte and B-lymphocyte dichotomy in anuran amphibians: III. Assessment and identification of inducible killer T-lymphocytes (IKTL) and spontaneous killer T-lymphocytes (SKTL). Klempau AE, et al. **Dev Comp Immunol** 1984 Summer;8(3):649–61 (40 ref.)

METABOLISM

Increased Na+ excretion by the skin of Rana pipiens after NaCl loading. Vanatta JC, et al. **Comp Biochem Physiol [A]** 1984;79(1):115–8

Characterization of glutathione peroxidase in frog retina. Naash MI, et al. **Curr Eye Res** 1984 Nov;3(11):1299–304

MICROBIOLOGY

Transfer of Listeria monocytogenes between frogs. Botzler RG, et al. **J Wildl Dis** 1985 Apr;21(2):173–4

PHYSIOLOGY

Pituitary responsiveness to superfused GnRH in two species of ranid frogs. Porter DA, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):308–15

Apical sodium entry in split frog skin: current-voltage relationship. DeLong J, et al. **J Membr Biol** 1984; 82(1):25–40

Characterization of a cation channel on the apical surface of the frog lens epithelium. Jacob TJ, et al. **Q J Exp Physiol** 1985 Jul;70(3):403–21

RANA RIDIBUNDA see under **RANIDAE**

RANA TEMPORARIA

ANATOMY & HISTOLOGY

Muscle fiber termination at the tendon in the frog's sartorius: a stereological study. Eisenberg BR, et al. **Am J Anat** 1984 Nov;171(3):273–84

Electron-microscopic investigation of the innervation of the pars distalis of the hypophysis in adult Rana temporaria L. Van Vossel A, et al. **Cell Tissue Res** 1984;237(1):149–54

[Telencephalic sources of the afferents of the main olfactory bulb in the frog Rana temporaria] Ragimova NG, et al. **Zh Evol Biokhim Fiziol** 1984 Jul–Aug;20(4):380–5 (Eng. Abstr.) **(Rus)**

GENETICS

[Heat resistance of embryos and tadpoles and its inheritance in the common frog (Rana temporaria L.)] Chernokozheva IS. **Zh Obshch Biol** 1985 Jan–Feb;46(1):85–92 (26 ref.) (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Amphibian lymphokines: 1. Leucocyte chemotactic factors produced by amphibian spleen cells following antigenic and mitogenic challenge in vitro. Gearing A, et al. **Dev Comp Immunol** 1985 Spring;9(2):281–90

Amphibian lymphokines: 2. Migration inhibition factor produced by antigenic and mitogenic stimulation of amphibian leucocytes. Gearing A, et al. **Dev Comp Immunol** 1985 Spring;9(2):291-300

[Immunochemical approach to the identification of specific markers of the corneal epithelium in Rana temporaria] Simirskii VN. **Ontogenez** 1985 Mar-Apr;16(2):135-42 (Eng. Abstr.) **(Rus)**

METABOLISM

Seasonal changes in the activity of phosphatases in Sertoli cells of the frog Rana temporaria. Haider SG, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:145-9

Free extracellular [Ca2+] at photoreceptor level equals that in vitreous in frog and carp eyes. Kaila K, et al. **Invest Ophthalmol Vis Sci** 1984 Dec;25(12):1395-401

[Possible apical respiration in the olfactory epithelium of the frog Rana temporaria] Gladysheva OS, et al. **Zh Evol Biokhim Fiziol** 1985 Mar-Apr;21(2):201-3 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Role of the hypothalamus in the control of ovulation in Rana temporaria L. Sotowska-Brochocka J. **Acta Physiol Pol** 1983 Sep-Dec;34(5-6):621-4

Endogenous rhythm in the thymus gland of Rana temporaria (morphological study). Bigaj J, et al. **Thymus** 1984; 6(6):369-73

[Origins of the centrifugal innervation of the main olfactory bulb in the frog Rana temporaria: combined histochemical research] Kratskin IL, et al. **Dokl Akad Nauk SSSR** 1985; 282(3):747-9 **(Rus)**

[Thyroid activity in common frogs and the heat resistance of their bodies and muscle tissue] Dzhamusova TA, et al. **Tsitologiia** 1985 Apr;27(4):445-50 (Eng. Abstr.) **(Rus)**

[Comparison of the cholinoreceptor and cholinesterase properties of the frog Rana temporaria and the squid Todarodes pacificus] Danilov AF, et al. **Zh Evol Biokhim Fiziol** 1985 Mar-Apr;21(2):139-43 (Eng. Abstr.) **(Rus)**

RANDOM ALLOCATION see under **RESEARCH DESIGN**

RANIDAE

Studies on the sedative effect of barbital sodium on frogs and toads from different habitats. Gopalakrishnan M, et al. **Indian J Physiol Pharmacol** 1984 Jul-Sep;28(3):240-2

ANATOMY & HISTOLOGY

Morphology of the exocrine glands of the frog skin. Mills JW, et al. **Am J Anat** 1984 Sep;171(1):91-106

Network and lamellar structures in the tail muscle fibers of the metamorphosing anuran tadpole. Sasaki F, et al. **Anat Rec** 1985 Apr;211(4):369-75

Cerebellar afferents in the frogs, Rana esculenta and Rana temporaria. Grover BG, et al. **Cell Tissue Res** 1984; 237(2):259-67

A modified mathematical model of the cilia for pharyngeal epithelium of the frog [letter] Low PM. **J Biomech** 1984; 17(10):815

Ultrastructural characterization of Golgi cells in the cerebellum of the frog, Rana ridibunda. Gonzalez A, et al. **Z Mikrosk Anat Forsch** 1985;99(1):50-8

Structural and ultrastructural features of the interpeduncular nucleus in the frog, Rana ridibunda. Muñoz M, et al. **Z Mikrosk Anat Forsch** 1985;99(1):37-49

EMBRYOLOGY

The ultrastructure of oral (buccopharyngeal) membrane formation and rupture in the anuran embryo. Watanabe K, et al. **Anat Rec** 1984 Nov;210(3):513-24

Acetylcholinesterase activity in nerve endings of tails of Rana japonica and R. catesbeiana during metamorphosis. Sasaki F, et al. **Cell Tissue Res** 1985;239(3):511-7

Uptake of 14C DDT by wood frog embryos after short term exposure. Licht LE. **Comp Biochem Physiol [C]** 1985; 81(1):117-9

Alteration of the anterior-posterior embryonic axis: the pattern of gastrulation in macrocephalic frog embryos. Kao KR, et al. **Dev Biol** 1985 Jan;107(1):239-51

GENETICS

Natural interspecies transfer of mitochondrial DNA in amphibians. Spolsky C, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5802-5

Frog genes jump species [news] Lewin R. **Science** 1984 Nov 23;226(4677):955

GROWTH & DEVELOPMENT

Direct and indirect calorimetry measurements during the annual growth cycle of juvenile frogs Rana ridibunda P. Hérold JP, et al. **Comp Biochem Physiol [A]** 1985; 81(3):465-8

[Compensatory acceleration of the functional maturation of the melatonin-secreting structures in Rana arvalis tadpoles] Golichenkov VA, et al. **Zh Obshch Biol** 1984 Jul-Aug; 45(4):545-51 (Eng. Abstr.) **(Rus)**

[Ontogenic study of the structure of the cerebellar structure of Rana ridibunda] González A, et al. **Trab Inst Cajal Invest Biol** 1982;73(1-2):35-45 (Eng. Abstr.) **(Spa)**

METABOLISM

Reappraisal of diffusion, solubility, and consumption of oxygen in frog skeletal muscle, with applications to muscle energy balance. Mahler M, et al. **J Gen Physiol** 1985 Jul; 86(1):105-34

First-order kinetics of muscle oxygen consumption, and an equivalent proportionality between QO2 and phosphorylcreatine level. Implications for the control of respiration. Mahler M. **J Gen Physiol** 1985 Jul;86(1):135-65

Solubilization of two molecular forms of the frog brain opioid receptor. Puget A, et al. **Neuropeptides** 1984 Dec; 5(1-3):129-32

Biosynthesis, processing and release of pro-opiomelanocortin related peptides in the intermediate lobe of the pituitary gland of the frog (Rana ridibunda). Vaudry H, et al. **Peptides (Fayetteville)** 1984 Sep-Oct;5(5):905-12

MICROBIOLOGY

Frogs as carriers of rare Salmonella serotypes. Rajagopalan D, et al. **J Postgrad Med** 1984 Apr;30(2):85-8

The organization of frog virus 3 as revealed by freeze-etching. Darcy-Tripier F, et al. **Virology** 1984 Oct 30;138(2):287-99

[The lake frog (Rana ridibunda)--one of the food hosts of blood-sucking mosquitoes in Tadzhikistan--a reservoir of the West Nile fever virus] Kostiukov MA, et al. **Med Parazitol (Mosk)** 1985 May-Jun;(3):49-50 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

An investigation of the alarm response in Bufo boreas and Rana cascadae tadpoles. Hews DK, et al. **Behav Neural Biol** 1985 Jan;43(1):47-57

Subcellular responses in frog pituitary gonadotrophic cells to constant environmental conditions: a morphometric study. Gracia-Navarro F, et al. **Biol Cell** 1984;51(1):87-95

Annual variations of thyroid reactivity following thyrotropin stimulation and circulating levels of thyroid hormones in the frog Rana ridibunda. Kühn ER, et al. **Gen Comp Endocrinol** 1985 Feb;57(2):266-73

Preponement of ovarian follicular development in the frog, Rana tigerina, using PMSG, HCG, growth hormone, heteroplastic pituitary pars distalis homogenate, FSH and LH. Pramoda S, et al. **Indian J Exp Biol** 1984 Oct; 22(10):527-32

Dielectric properties of frog tissues in vivo and in vitro. Schwartz JL, et al. **Phys Med Biol** 1985 Feb;30(2):117-24

[Electrical characteristics of the epithelial tissue and cells of the carp and frog gallbladder] Iaremenko MS, et al. **Fiziol Zh SSSR** 1985 May;71(5):646-53 (Eng. Abstr.) **(Rus)**

RANITIDINE

In vitro complexation of aluminum and magnesium by cimetidine and ranitidine. A nuclear magnetic resonance study [letter] Teixeira F, et al. **Gastroenterol Clin Biol** 1984 Nov;8(11):879-80

ADMINISTRATION & DOSAGE

A comparative trial of ranitidine 300 mg at night with ranitidine 150 mg twice daily in the treatment of duodenal and gastric ulcer. Farley A, et al. **Am J Gastroenterol** 1985 Sep;80(9):665-8

Summary of the Gastrointestinal Drugs Advisory Committee meeting--August 16, 1984. Lewis JH, et al. **Am J Gastroenterol** 1984 Nov;79(11):897-8

Reducing overnight secretion of acid to heal duodenal ulcers. Comparison of standard divided dose of ranitidine with a single dose administered at night. Colin-Jones DG, et al. **Am J Med** 1984 Nov 19;77(5B):116-22

Results of the United States ranitidine maintenance trials. Silvis SE. **Am J Med** 1984 Nov 19;77(5B):33-8

Pre-operative intramuscular ranitidine and cimetidine. Double blind comparative trial, effect on gastric pH and volume. Williams JG, et al. **Anaesthesia** 1985 Mar; 40(3):242-5

24 hour intragastric acidity during maintenance treatment with ranitidine. Santana IA, et al. **Br Med J [Clin Res]** 1984 Nov 24;289(6456):1420

Nocturnal doses of H2 receptor antagonists for duodenal ulcer [letter] Howden CW, et al. **Lancet** 1985 Mar 16; 1(8429):647-8

Effects of acute and chronic ranitidine administration on renal function and parathyroid activity in chronic renal failure. Pozet N, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:761-4

[Cimetidine and ranitidine in intensive care patients. Double-blind randomized cross-over study on intravenous administration: hemodynamics, plasma coagulation, blood gases and acid-base status] Breuer HW, et al. **Dtsch Med Wochenschr** 1985 Jul 26;110(30):1151-6 (Eng. Abstr.) **(Ger)**

[Short-term therapy (6 weeks) of duodenal ulcer with ranitidine 150 mg. b.d. and cimetidine 400 mg. b.d. Open randomized study of 126 patients] Briglia R, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):273-5 (Eng. Abstr.) **(Ita)**

[Short-term therapy (6 weeks) of gastric ulcer with ranitidine 150 mg. b.d. and cimetidine 400 mg. b.d. Open randomized study of 86 patients] Briglia R, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):277-9 (Eng. Abstr.) **(Ita)**

[Ranitidine and cimetidine in the treatment of duodenal ulcer. Comparison after 3 and 6 weeks] Scialabba A, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):269-72 (Eng. Abstr.) **(Ita)**

[Dosage and effectiveness of cimetidine and ranitidine in the treatment of duodenal ulcer] Nowak A, et al. **Pol Tyg Lek** 1984 Jun 4;39(23):789-91 (Eng. Abstr.) **(Pol)**

[Ranitidine and cimetidine in 2 daily doses, in the short-term treatment of duodenal ulcer] Medina LA, et al. **Rev Med Chil** 1984 May;112(5):457-62 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Bradycardia and neurologic disorders associated with ranitidine in a child [letter] Balestrazzi P, et al. **Am J Dis Child** 1985 May;139(5):442

Ranitidine, acetaminophen, and hepatotoxicity [letter] Bredfeldt JE, et al. **Ann Intern Med** 1984 Nov;101(5):719

Ranitidine and theophylline [letter] Gardner ME, et al. **Ann Intern Med** 1985 Apr;102(4):559

Ranitidine and hepatotoxicity [letter] Graham DY, et al. **Ann Intern Med** 1985 Mar;102(3):416

Ranitidine and hepatitis [letter] Karachalios GN. **Ann Intern Med** 1985 Oct;103(4):634-5

Ranitidine and the liver [letter] Souza Lima MA. **Ann Intern Med** 1985 Feb;102(2):273-4

Allergic contact dermatitis to ranitidine. Goh CL, et al. **Contact Dermatitis** 1984 Oct;11(4):252

Gout-like arthritis following cimetidine and ranitidine. Einarson TR, et al. **Drug Intell Clin Pharm** 1985 Mar; 19(3):201-2

Ranitidine-acetaminophen interaction: effects on acetaminophen-induced hepatotoxicity in Fischer 344 rats. Leonard TB, et al. **Hepatology** 1985 May-Jun;5(3):480-7

Partial resolution of ranitidine-associated delirium with physostigmine: case report. Goff DC, et al. **J Clin Psychiatry** 1985 Sep;46(9):400-1

Ranitidine hydrochloride-induced hypergastrinemia. Chisholm JC Jr. **J Natl Med Assoc** 1985 Apr;77(4):303-4

Hepatitis associated with ranitidine [letter] **JAMA** 1984 Dec 21;252(23):3253-4

Hypersensitivity associated with ranitidine [letter] Khandheria BK. **JAMA** 1984 Dec 21;252(23):3252

Ranitidine and hepatotoxicity [letter] Hegarty JE. **Lancet** 1985 Jan 26;1(8422):223

Ranitidine hepatotoxicity in renal transplant patient [letter] Hiesse C, et al. **Lancet** 1985 Jun 1;1(8440):1280

Ranitidine and hepatotoxicity [letter] Lauritsen K, et al. **Lancet** 1984 Dec 22;2(8417-18):1471

[Unexpected cerebral side effects of ranitidine (letter)] Lips U, et al. **Dtsch Med Wochenschr** 1985 Sep 6;110(36):1392-3 **(Ger)**

[Dysfunction of the hypothalamo-hypophyseal-gonadal axis induced by histamine H2 antagonists. Review of the literature and personal observations] Biagi P, et al. **Minerva Med** 1985 Mar 24;76(12):579-86 (48 ref.) (Eng. Abstr.) **(Ita)**

ANALYSIS

Stability of ranitidine hydrochloride in total parenteral nutrient solution. Walker SE, et al. **Am J Hosp Pharm** 1985 Mar;42(3):590-2

Qualitative and quantitative analysis of ranitidine and its metabolites by high-performance liquid chromatography-mass spectrometry. Lant MS, et al. **J Chromatogr** 1985 Apr 17;323(1):143-52

BLOOD

The pharmacokinetics of H2 receptor blocking agents in compensated liver cirrhosis. Okolicsányi L, et al. **Acta Physiol Hung** 1984;64(3-4):393-400

CEREBROSPINAL FLUID

CSF concentrations of ranitidine [letter] Kagevi I, et al. **Lancet** 1985 Jan 19;1(8421):164-5

METABOLISM

Appearance of ranitidine in breast milk following multiple dosing. Kearns GL, et al. **Clin Pharm** 1985 May-Jun; 4(3):322-4

Cimetidine and ranitidine: their interaction with human and pig liver microsomes and with purified cytochrome P-450. Rendić S, et al. **Eur J Drug Metab Pharmacokinet** 1984 Jul-Sep;9(3):195-200

Pharmacokinetics and bioavailability of ranitidine in humans. Miller R. **J Pharm Sci** 1984 Oct;73(10):1376-9

PHARMACODYNAMICS

Ranitidine inhibits the trophic effect of caerulein on the pancreas in rats (preliminary data). Hidvégi E, et al. **Acta Physiol Hung** 1984;64(3-4):475-8

Effects of ranitidine and oxmetidine on gastrointestinal motility in conscious dog. Fioramonti J, et al. **Agents Actions** 1984 Oct;15(3-4):260-3

Effects of cimetidine and ranitidine on splanchnic hemodynamics in patients with chronic liver disease.

Ohnishi K, et al. **Am J Gastroenterol** 1985 Apr;80(4):290–3

The effect of ranitidine on exocrine pancreatic secretion in the rat. Chariot J, et al. **Arch Int Pharmacodyn Ther** 1985 Mar;274(1):166–76

Effect of mifentidine on histamine-stimulated human atrium 'in vitro': comparison with ranitidine and cimetidine. Poli E, et al. **Arch Int Pharmacodyn Ther** 1985 Feb;273(2):221–5

Theophylline interaction with H2 receptor antagonists [letter] Myerson RM, et al. **Arch Intern Med** 1984 Oct; 144(10):2094–5

The influence of two histamine H2-receptor antagonists, cimetidine and ranitidine, on the plasma levels and clinical effect of nifedipine and metoprolol. Kirch W, et al. **Arch Toxicol [Suppl]** 1984;7:256–9

The effect of cimetidine and ranitidine on paracetamol glucuronidation and sulphation in cultured rat hepatocytes. Emery S, et al. **Biochem Pharmacol** 1985 May 1; 34(9):1415–21

Interaction of cimetidine and ranitidine with the FAD monooxygenase in pig liver microsomes. Oldham HG, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2398–401

Ranitidine does not alter pethidine disposition in man. Guay DR, et al. **Br J Clin Pharmacol** 1985 Jul;20(1):55–9

The effects of ranitidine on pituitary-thyroid function. Hine KR, et al. **Br J Clin Pharmacol** 1984 Oct;18(4):608–11

Ranitidine does not potentiate mediator release from human lung in vitro. Hughes JM, et al. **Br J Clin Pharmacol** 1985 May;19(5):711–2

Effects of ranitidine on the disposition of metoprolol. Kelly JG, et al. **Br J Clin Pharmacol** 1985 Feb;19(2):219–24

Effect of ranitidine on procainamide disposition [letter] Martin BK. **Br J Clin Pharmacol** 1985 Jun;19(6):858–60

Dose and concentration dependent effect of ranitidine on procainamide disposition and renal clearance in man. Somogyi A, et al. **Br J Clin Pharmacol** 1984 Aug; 18(2):175–81

The influence of cimetidine and ranitidine on the plasma lipid pattern. Terruzzi V, et al. **Br J Clin Pharmacol** 1985 Jun; 19(6):846–8

Comparison of the effects of ranitidine, cimetidine and thioridazine on psychomotor functions in healthy volunteers. Theofilopoulos N, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):135–44

Effects of cimetidine and ranitidine on high density lipoprotein cholesterol concentrations. Wilson JA, et al. **Br Med J [Clin Res]** 1985 Mar 16;290(6471):807–8

Creatinine serum concentrations and H2-receptor antagonists [letter] Rocci ML Jr, et al. **Clin Nephrol** 1984 Oct; 22(4):214–5

Interactions and non-interactions with ranitidine. Kirch W, et al. **Clin Pharmacokinet** 1984 Nov-Dec;9(6):493–510 (93 ref.)

Effects of histamine-2 receptor blockade on lidocaine kinetics. Jackson JE, et al. **Clin Pharmacol Ther** 1985 May; 37(5):544–8

Effects of cimetidine and ranitidine on the conversion of prednisone to prednisolone. Sirgo MA, et al. **Clin Pharmacol Ther** 1985 May;37(5):534–8

Comparison of cimetidine and ranitidine on 24-hour intragastric acidity and serum gastrin profile in patients with esophagitis. Mahachai V, et al. **Dig Dis Sci** 1985 Apr; 30(4):321–8

Inhibition of pancreatic secretory and trophic response to caerulein by the H2-receptor antagonist ranitidine in the rat. Varga G, et al. **Digestion** 1985;31(4):177–82

The influence of H2 receptor antagonists on the plasma concentrations of midazolam and temazepam. Elliott P, et al. **Eur J Anaesthesiol** 1984 Sep;1(3):245–51

Interference by ranitidine with aldosterone secretion in vivo. Sancho JM, et al. **Eur J Clin Pharmacol** 1984;27(4):495–7

Effect of cimetidine and ranitidine on carbamazepine and sodium valproate pharmacokinetics. Webster LK, et al. **Eur J Clin Pharmacol** 1984;27(3):341–3

Comparison of the gastric cytoprotective properties of atropine, ranitidine and PGE2 in rats. Del Soldato P, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):53–8

Long-term ambulatory gastric pH monitoring: validation of a new method and effect of H2-antagonists. Fimmel CJ, et al. **Gastroenterology** 1985 Jun;88(6):1842–51

Effects of cimetidine and ranitidine on interdigestive and postprandial lower esophageal sphincter pressures and plasma gastrin levels in normal subjects. Smout AJ, et al. **Gastroenterology** 1985 Feb;88(2):557–63

Ranitidine and haemostasis in man. Stadnicki A. **Hepatogastroenterology** 1984 Oct;31(5):230–2

Effects of orally administered cimetidine, ranitidine and oxmetidine on bronchomotor tone in normal volunteers [letter] Dal Negro RW, et al. **Int J Clin Pharmacol Res** 1984;4(6):481–2

Effect of ranitidine and cimetidine on gastric emptying of a mixed meal in man. Corinaldesi R, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Sep;22(9):498–501

The inhibitory effects of ranitidine and cimetidine on propranolol elimination by the rat isolated perfused liver. Jones DB, et al. **J Pharm Pharmacol** 1985 Mar;37(3):196–8

Prevention of suppressed cell-mediated immunity in burned mice with histamine-2 receptor antagonist drugs. Hansbrough JF, et al. **J Surg Res** 1985 Aug;39(2):150–6

Effects of eight-week treatment with oral ranitidine on plasma level changes of gastrin, histamine and serotonin in duodenal ulcer patients. Cho CH, et al. **Pharmacol Res Commun** 1985 Jun;17(6):525–33

Action of mifentidine and ranitidine on the isolated rat uterus. Poli E, et al. **Pharmacol Res Commun** 1984 Nov; 16(11):1091–100

The effect of ranitidine and cimetidine on single-dose diltiazem pharmacokinetics. Winship LC, et al. **Pharmacotherapy** 1985 Jan-Feb;5(1):16–9

Influence of cimetidine, ranitidine and imidazole on the behavioral effects of (+/-) N-n-propylnorapomorphine in male rats. Ferrari F, et al. **Psychopharmacology (Berlin)** 1985;85(2):197–200

Effects of cimetidine and ranitidine on trimethadione metabolism in the rat. Tanaka E, et al. **Res Commun Chem Pathol Pharmacol** 1985 Mar;47(3):461–4

Hemodynamic studies on cimetidine and ranitidine in anesthetized dogs. Breuer HW, et al. **Res Exp Med (Berl)** 1984;184(4):265–8

The effect of ranitidine on the absorption of food cobalamins. Hamborg B, et al. **Scand J Gastroenterol** 1985 Aug; 20(6):756–8

Mechanism of pancreatic growth induced by pancreatico-biliary diversion in the rat. Inhibition by proglumide, benzotript, and ranitidine. Miazza BM, et al. **Scand J Gastroenterol [Suppl]** 1985;112:75–83

The microvasculature of the small-intestinal mucosa of the rat: quantification of hemodynamic effects of topically applied cimetidine, ranitidine, somatostatin, and vasopressin. Neff M, et al. **Scand J Gastroenterol [Suppl]** 1985;112:6–11

[Influence of ranitidine during a 24-hour period on the level of nitrites, nitrates, nitrosamines and bacterial flora in the gastric juice of healthy subjects] Garcia del Risco F, et al. **Gastroenterol Clin Biol** 1984 Oct;8(10):749–53 (Eng. Abstr.) **(Fre)**

[Ranitidine inhibits pancreatic secretion and growth stimulated by caerulein] Papp M, et al. **Orv Hetil** 1984 Sep 23;125(39):2377–9 (Eng. Abstr.) **(Hun)**

[The effects of preanesthetic intramuscular ranitidine on the volume of gastric aspirates and the pH in emergency patients] Namiki A, et al. **Masui** 1985 Jun;34(6):805–11 (Eng. Abstr.) **(Jpn)**

[Effect of ranitidine in the premedication of anaesthesia--double-blind comparative study with placebo] Noguchi J, et al. **Masui** 1985 Jan;34(1):71–81 (Eng. Abstr.) **(Jpn)**

[Inhibition of gastric secretion: cimetidine and ranitidine] Campos Campos SF, et al. **Rev Gastroenterol Mex** 1984 Jul-Sep;49(3):145–9 (Eng. Abstr.) **(Spa)**

[Effect of inhibitors of acid secretion in patients with duodenal ulcer. Comparative study of cimetidine, ranitidine and pirenzepine] Espinoza M, et al. **Rev Med Chil** 1984 Nov;112(11):1085–9 (Eng. Abstr.) **(Spa)**

THERAPEUTIC USE

Drugs recently released in Belgium. Harvengt C. **Acta Clin Belg** 1984;39(6):396–8

Ultrastructural aspects of duodenal mucosa repair during treatment of peptic disease. Zoli G, et al. **Acta Physiol Hung** 1984;64(3–4):385–92

Drug therapy for peptic ulcer disease. Voirin J. **Am Fam Physician** 1984 Dec;30(6):154–9

Summary of the Gastrointestinal Drugs Advisory Committee meeting--March 21 and 22, 1985. Lewis JH. **Am J Gastroenterol** 1985 Jul;80(7):581–3

Interim analysis of a comparative trial of ranitidine and cimetidine in the prevention of duodenal ulcer. Gough KR. **Am J Med** 1984 Nov 19;77(5B):39–42

Comparison of the effectiveness of ranitidine and cimetidine in inhibiting acid secretion in patients with gastric hypersecretory states. Jensen RT, et al. **Am J Med** 1984 Nov 19;77(5B):90–105

Ranitidine prophylaxis before anaesthesia in early pregnancy. Duffy BL, et al. **Anaesth Intensive Care** 1985 Feb; 13(1):29–32

The effect of magnesium trisilicate mixture, metoclopramide and ranitidine on gastric pH, volume and serum gastrin. O'Sullivan G, et al. **Anaesthesia** 1985 Mar;40(3):246–53

Combined treatment with ranitidine and saline antacids prior to obstetric anaesthesia. Thompson EM, et al. **Anaesthesia** 1984 Nov;39(11):1086–90

Ranitidine and metoclopramide for prophylaxis of aspiration pneumonitis in elective surgery. Manchikanti L, et al. **Anesth Analg** 1984 Oct;63(10):903–10

Intramuscular cimetidine and ranitidine as prophylaxis against gastric aspiration syndrome--a randomized double-blind study. Harris PW, et al. **Can Anaesth Soc J** 1984 Nov; 31(6):599–603

Effects of cimetidine, ranitidine, and antacid on renal function. Yeung CK, et al. **Clin Ther** 1984;6(5):620–4

Combination therapy with ranitidine and pirenzepine for control of intragastric pH in the critically ill. More DG, et al. **Crit Care Med** 1985 Aug;13(8):651–5

Ranitidine versus ranitidine and prazepam in the short-term treatment of duodenal ulcer--a double-blind controlled trial. Hüscher C, et al. **Eur J Clin Pharmacol** 1985; 28(2):177–80

Famotidine, a new, potent, long-acting histamine H2-receptor antagonist: comparison with cimetidine and ranitidine in the treatment of Zollinger-Ellison syndrome. Howard JM, et al. **Gastroenterology** 1985 Apr; 88(4):1026–33

Prevention of duodenal ulcers in the rat using a combination of ranitidine and sucralphate in subtherapeutic doses. Bank S, et al. **Gut** 1985 Jun;26(6):603–6

Cimetidine versus ranitidine in short term healing of duodenal ulcers [letter] Jones DB, et al. **Gut** 1985 Jun;26(6):642

Treatment of 'cimetidine-resistant' chronic duodenal ulcers with ranitidine or cimetidine: a randomised multicentre study. Quatrini M, et al. **Gut** 1984 Oct;25(10):1113–7

Carprofen and the therapy of gastroduodenal ulcerations by ranitidine. Czarnobilski Z, et al. **Hepatogastroenterology** 1985 Feb;32(1):20–3

Ranitidine in the maintenance therapy of gastro-duodenal ulcer disease: Polish open multicentre study. Gibiński K, et al. **Hepatogastroenterology** 1984 Aug;31(4):180–2

A comparison of ranitidine with cimetidine in short term treatment of duodenal ulcer. Broor SL, et al. **Indian J Gastroenterol** 1985 Jan;4(1):11–2

Ranitidine vs cimetidine in the treatment of duodenal ulcer [letter] Swaroop VS, et al. **Indian J Gastroenterol** 1985 Jan; 4(1):53–4

Comparison between ranitidine and cimetidine in the short-term treatment of duodenal ulcer. Capria A, et al. **Int J Clin Pharmacol Res** 1985;5(2):133–5

Ranitidine, cimetidine, antacids, and gastro-oesophageal reflux: results of a 20-hour oesophageal pH study. Desechalliers JP, et al. **Int J Clin Pharmacol Res** 1984; 4(3):217–22

Comparison between ranitidine and cimetidine in the treatment of reflux oesophagitis. Fielding JF, et al. **Ir Med J** 1984 Nov;77(11):356–7

Clinical usefulness of ranitidine in giant gastric ulcer. Takemoto T, et al. **J Clin Gastroenterol** 1984 Oct;6(5):413–7

Ranitidine versus cimetidine in the management of acute upper gastrointestinal tract bleeding. Thomson AB, et al. **J Clin Gastroenterol** 1984 Aug;6(4):295–9

Pharmacokinetic determination of ranitidine pharmacodynamics in pediatric ulcer disease. Blumer JL, et al. **J Pediatr** 1985 Aug;107(2):301–6

Effect of ranitidine on gastric acid hypersecretion in an infant with short bowel syndrome. Hyman PE, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):316–9

Ranitidine and cimetidine [letter] Humphries TJ, et al. **JAMA** 1984 Dec 21;252(23):3252–3

Cimetidine versus ranitidine [letter] **Lancet** 1985 Jan 5; 1(8419):45–6

Cimetidine and ranitidine [letter] Flind AC, et al. **Lancet** 1985 May 18;1(8438):1159–60

Drinking and smoking when taking H2-antagonists [letter] Gough KR, et al. **Lancet** 1985 Jan 12;1(8420):114–5

Comparison of tri-potassium di-citrato bismuthate tablets with ranitidine in healing and relapse of duodenal ulcers. Lee FI, et al. **Lancet** 1985 Jun 8;1(8441):1299–302

Ranitidine in the management of gastro-oesophageal reflux disease. Nelis GF. **Neth J Med** 1985;28(5):197–200

Prevention of duodenal ulcer relapse with ranitidine. Mekel RC, et al. **S Afr Med J** 1985 Sep 14;68(6):385–6

Gastric secretion in response to a meal 12–13 h after ranitidine. Frislid K, et al. **Scand J Gastroenterol** 1985 Aug; 20(6):711–4

Ranitidine and high-dose antacid in reflux oesophagitis. A randomized, placebo-controlled trial. Grove O, et al. **Scand J Gastroenterol** 1985 May;20(4):457–61

Pirenzepine in erosive duodenitis. A controlled clinical trial versus ranitidine. Guslandi M, et al. **Scand J Gastroenterol** 1985 Aug;20(6):751–5

Comparison of ranitidine and high-dose antacid in the treatment of prepyloric or duodenal ulcer. A double-blind controlled trial. Lauritsen K, et al. **Scand J Gastroenterol** 1985 Jan;20(1):123–8

Ranitidine versus anticholinergic/antacid for duodenal ulcer. A randomized, endoscopically controlled, single-blind multicentre trial. Miettinen P, et al. **Scand J Gastroenterol** 1985 Aug;20(6):701–5

Comparison of ranitidine and cimetidine maintenance treatment of duodenal ulcer. Walt RP, et al. **Scand J Gastroenterol** 1984 Nov;19(8):1045–7

Evaluation of ranitidine as an oral antacid in outpatient anesthesia. Manchikanti L, et al. **South Med J** 1985 Jul; 78(7):818–22

Randomized, prospective trial of cimetidine and ranitidine for control of intragastric pH in the critically ill. More DG, et al. **Surgery** 1985 Feb;97(2):215–24

[Novaluzide and ranatidine (Zantac) in the prevention of Mendelson's syndrome in emergency anesthesia. A controlled clinical study] Kaalund-Jørgensen HO, et al. **Ugeskr Laeger** 1985 Jun 10;147(24):1937–40 (Eng. Abstr.) **(Dan)**

[Alternative treatment for gastric stress ulcers: cimetidine or ranitidine? (letter)] Beauvoir C, et al. **Ann Med Interne (Paris)** 1985;136(4):354 **(Fre)**

[Efficacy of ranitidine and cimetidine in the treatment of gastric or duodenal ulcer resistant to an initial treatment with cimetidine. Multicenter controlled therapeutic trial] Amouretti M, et al. **Gastroenterol Clin Biol** 1985 Feb; 9(2):147–52 (Eng. Abstr.) **(Fre)**

[H2 receptor antagonists: clinical use] Archambault A. **Union Med Can** 1984 Dec;113(12):990–1, 995–8, 1023 (Eng. Abstr.) **(Fre)**

[Healing rates following omeprazole and ranitidine treatment of gastric ulcer. Results of a German multicenter study] Classen M, et al. **Dtsch Med Wochenschr** 1985 Apr 19; 110(16):628–33 (Eng. Abstr.) **(Ger)**

[Short-term therapy of duodenal ulcer with omeprazole and ranitidine. Results of a German multicenter study] Classen

M, et al. **Dtsch Med Wochenschr** 1985 Feb 8;110(6):210-5 (Eng. Abstr.) **(Ger)**

[Experiences with the histamine-H2-receptor antagonist ranitidine in the prevention of stress ulcers] Klima P. **Wien Med Wochenschr** 1984 Aug 31;134(15-16):369-73 (Eng. Abstr.) **(Ger)**

[Control of the intragastric pH value in infection and peritonitis by ranitidine versus cimetidine. A double-blind study] Ketterl R, et al. **Z Gastroenterol** 1984 Oct; 22(10):602-8 (Eng. Abstr.) **(Ger)**

[Cimetidine and ranitidine in the treatment of reflux esophagitis] Kimmig JM. **Z Gastroenterol** 1984 Aug; 22(8):373-8 (Eng. Abstr.) **(Ger)**

[Ranitidine in the treatment of gastric and duodenal ulcer] Buscarini L, et al. **Clin Ter** 1984 Nov 15;111(3):243-5 (Eng. Abstr.) **(Ita)**

[Comparative study of somatostatin and ranitidine in upper gastrointestinal hemorrhage induced by non-steroidal anti-inflammatory agents] Coraggio F, et al. **Clin Ter** 1984 Nov 15;111(3):219-25 (Eng. Abstr.) **(Ita)**

[Evaluation of the symptomatic clinical efficacy of ranitidine in benign gastroduodenal pathology] Rizzi B, et al. **Clin Ter** 1985 Jun 30;113(6):447-55 (Eng. Abstr.) **(Ita)**

[Nonresponders to H2 blockers: why? Preliminary data] Bongiorno A, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):135-8 (Eng. Abstr.) **(Ita)**

[Ranitidine in preventing the recurrence of duodenal ulcer. First experiences at mid-term] Bongiorno A, et al. **Minerva Dietol Gastroenterol** 1984 Jul-Sep;30(3):251-4 (Eng. Abstr.) **(Ita)**

[Comparative study of cimetidine and ranitidine in the treatment of duodenal ulcer. A 12-month follow-up of 30 patients] Noya G, et al. **Minerva Dietol Gastroenterol** 1984 Oct-Dec;30(4):401-3 (Eng. Abstr.) **(Ita)**

[Gastric emptying in patients with duodenal peptic ulcer before and after H2 blockader therapy] Usai P, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):113-6 (Eng. Abstr.) **(Ita)**

[Comparison between the therapeutic efficacy of H2 blockers and somatostatin in hemorrhage of the upper digestive tract] Maiolo P, et al. **Recenti Prog Med** 1985 Feb; 76(2):79-83 (Eng. Abstr.) **(Ita)**

[Treatment of ulcer disease using H2 antihistaminics] Vladár L, et al. **Vnitr Lek** 1985 Aug;31(8):810-2 (Eng. Abstr.) **(Slo)**

[Clinical evaluation and pH control in patients with duodenal ulcer treated with ranitidine] Martini RB, et al. **Acta Gastroenterol Latinoam** 1984;14(4):315-9 (Eng. Abstr.) **(Spa)**

[Ranitidine, cimetidine and placebo in the short and longer term treatment of duodenal ulcer] Klinger J, et al. **Rev Med Chil** 1984 Apr;112(4):337-41 (Eng. Abstr.) **(Spa)**

TOXICITY

Ranitidine as an inhibitor of liver regeneration. Kanashima R, et al. **Am J Surg** 1985 Feb;149(2):223-7

The effects of cimetidine and ranitidine on psychomotor function in healthy volunteers. Levin A, et al. **Curr Med Res Opin** 1984;9(5):301-3

Pre- and neonatal exposure to cimetidine but not ranitidine adversely affects adult sexual functioning of male rats. Parker S, et al. **Neurobehav Toxicol Teratol** 1984 Jul-Aug; 6(4):313-8

[Effects of intravenous administration of ranitidine hydrochloride to the female rat in perinatal and postnatal periods] Kamada S, et al. **J Toxicol Sci** 1984 Jun;9 Suppl 1:53-72 (Eng. Abstr.) **(Jpn)**

[Effects of intravenous administration of ranitidine hydrochloride to the pregnant rat in organogenesis period] Kamada S, et al. **J Toxicol Sci** 1984 Jun;9 Suppl 1:29-52 (Eng. Abstr.) **(Jpn)**

[Effects of intravenous administration of ranitidine hydrochloride on the fertility of the male and female rats] Kamada S, et al. **J Toxicol Sci** 1984 Jun;9 Suppl 1:13-28 (Eng. Abstr.) **(Jpn)**

RANULA

PATHOLOGY

Bilateral ranula. Barker GR. **Int J Oral Surg** 1984 Aug; 13(4):352-4

RANVIER'S NODES

DRUG EFFECTS

Effect of Tityus gamma toxin on the activation process in sodium channels of frog myelinated nerve. Zaborovskaya LD, et al. **Gen Physiol Biophys** 1985 Feb;4(1):101-3

IMMUNOLOGY

Monoclonal antibodies associated with sodium channel block nerve impulse and stain nodes of Ranvier. Meiri H, et al. **Brain Res** 1984 Sep 17;310(1):168-73

METABOLISM

Demyelination as a test for a mobile Na channel modulator in frog node of Ranvier. Pappone PA, et al. **Biophys J** 1985 Feb;47(2 Pt 1):217-23

Histochemical localization of galactose-containing glycoconjugate at peripheral nodes of Ranvier in the rat. Streit WJ, et al. **J Histochem Cytochem** 1985 Jan;33(1):33-9

Three functions of sodium channels in the toad node of Ranvier are altered by trimethyloxonium ions. Gülden KM, et al. **Pflugers Arch** 1985 Jan;403(1):13-20

Voltage-dependent effect of a scorpion toxin on sodium current inactivation. Meves H, et al. **Pflugers Arch** 1984 Sep;402(1):24-33

Distinctly different rates of benzocaine action on sodium channels of Ranvier nodes kept open by chloramine-T and veratridine. Ulbricht W, et al. **Pflugers Arch** 1984 Dec; 402(4):439-45

PATHOLOGY

A quantitative assessment of myelin sheaths in the peripheral nerves of dystrophic, quaking, and trembler mutants. Beuche W, et al. **Acta Neuropathol (Berl)** 1985;66(1):29-36

PHYSIOLOGY

Perinodal astrocytic processes at nodes of Ranvier in developing normal and glial cell deficient rat spinal cord. Sims TJ, et al. **Brain Res** 1985 Jul 1;337(2):321-31

Potential-dependent calcium blockage of normal and aconitine-modified sodium channels in frog node of Ranvier. Mozhayeva GN, et al. **Gen Physiol Biophys** 1985 Aug;4(4):425-7

Measurement of absolute membrane potential with the potential clamp system of nonner. Wiese H, et al. **Gen Physiol Biophys** 1984 Dec;3(6):511-2

Evidence for two transient sodium currents in the frog node of Ranvier. Benoit E, et al. **J Physiol (Lond)** 1985 Apr; 361:339-60

Non-stationary fluctuations of the potassium conductance at the node of ranvier of the frog. Conti F, et al. **J Physiol (Lond)** 1984 Aug;353:199-230

[Kinetics of sodium current inactivation in Ranvier's node membrane] Lonskiĭ AV, et al. **Fiziol Zh SSSR** 1984 Oct; 70(10):1416-20 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Freeze-fracture ultrastructure of the perinodal astrocyte and associated glial junctions. Waxman SG, et al. **Brain Res** 1984 Aug 6;308(1):77-87

The transitional node of Ranvier at the junction of the central and peripheral nervous systems: an ultrastructural study of its development and mature form. Fraher JP, et al. **J Anat** 1984 Sep;139 (Pt 2):215-38

Effect of conditioning lesion on axonal sprout formation at nodes of Ranvier. McQuarrie IG. **J Comp Neurol** 1985 Jan 8;231(2):239-49

[Ultrastructural characteristics of nodes of Ranvier] Sotnikov OS, et al. **Neirofiziologiia** 1984;16(4):546-9 (Eng. Abstr.) **(Rus)**

RAPE

Wife rape: barriers to identification and treatment. Weingourt R. **Am J Psychother** 1985 Apr;39(2):187-92

Clinical findings and legal resolution in sexual assault. Tintinalli JE, et al. **Ann Emerg Med** 1985 May;14(5):447-53

Date rapists: differential sexual socialization and relative deprivation. Kanin EJ. **Arch Sex Behav** 1985 Jun; 14(3):219-31

The use of penile tumescence measures with incarcerated rapists: further validity issues. Murphy WD, et al. **Arch Sex Behav** 1984 Dec;13(6):545-54

Effects of repeated exposure to sexually violent or nonviolent stimuli on sexual arousal to rape and nonrape depictions. Ceniti J, et al. **Behav Res Ther** 1984;22(5):535-48

Control of penile tumescence: the effects of arousal level and stimulus content. Malcolm PB, et al. **Behav Res Ther** 1985;23(3):273-80

Rape--victiminological and psychiatric aspects. Mezey GC. **Br J Hosp Med** 1985 Mar;33(3):152-8

The need for sexual assault centres in the United Kingdom. Duddle M. **Br Med J [Clin Res]** 1985 Mar 9; 290(6470):771-3

Development of a rational taxonomy for the classification of rapists: the Massachusetts Treatment Center system. Prentky R, et al. **Bull Am Acad Psychiatry Law** 1985; 13(1):39-70

The crisis of rape: a community response. Underwood MM, et al. **Community Ment Health J** 1983 Fall;19(3):227-30

How adolescents perceive sexual assault services. Hall ER, et al. **Health Soc Work** 1985 Spring;10(2):120-8

Rape victim services. Lederle DJ, et al. **IMJ** 1985 Apr; 167(4):309-10

Rape crisis services. Lederle DJ, et al. **IMJ** 1985 Apr; 167(4):305-8

A measure of rapists' attitudes towards women. Segal ZV, et al. **Int J Law Psychiatry** 1984;7(3-4):437-40

Sexual experiences survey: reliability and validity. Koss MP, et al. **J Consult Clin Psychol** 1985 Jun;53(3):422-3

Heterosexual social skills in a population of rapists and child molesters. Segal ZV, et al. **J Consult Clin Psychol** 1985 Feb;53(1):55-63

Male sexual assault. Doan LA, et al. **J Emerg Med** 1983; 1(1):45-9

A deaf sex offender. Harry B. **J Forensic Sci** 1984 Oct; 29(4):1140-3

The physician's role in rape victim management: an examination of rape epidemiology in Mississippi. North D, et al. **J Miss State Med Assoc** 1985 Aug;26(8):219-23

Relative preference and adaptiveness of behavioral blame for observers of rape victims. Karuza J Jr, et al. **J Pers** 1984 Sep;52(3):249-60

Cognitive mediators of reactions to rape. Wyer RS Jr, et al. **J Pers Soc Psychol** 1985 Feb;48(2):324-38

Advancing the science of victimology [interview] Burgess A. **J Psychosoc Nurs Ment Health Serv** 1985 Jan;23(1):35-8

Measuring the aftermath of rape. DiVasto P. **J Psychosoc Nurs Ment Health Serv** 1985 Feb;23(2):33-5

Depressive symptoms associated with sexual assault. Becker JV, et al. **J Sex Marital Ther** 1984 Fall;10(3):185-92

Estrogen treatment for victims of rape [letter] **N Engl J Med** 1985 Apr 11;312(15):988-9

Denial of antipregnancy prophylaxis to rape victims [letter] Goldenring JM. **N Engl J Med** 1984 Dec 20;311(25):1637

Postcoital detection of a male-specific semen protein. Application to the investigation of rape. Graves HC, et al. **N Engl J Med** 1985 Feb 7;312(6):338-43

Nursing students' assessments of behaviorally self-blaming rape victims. Damrosch SP. **Nurs Res** 1985 Jul-Aug; 34(4):221-4

Rape and post-traumatic stress in multiple personality. Coons PM, et al. **Psychol Rep** 1984 Dec;55(3):839-45

How perceived carelessness and time of attack affect nursing students' attributions about rape victims. Damrosch SP. **Psychol Rep** 1985 Apr;56(2):531-6

Doing his best to sustain the sanctity of marriage. Freeman MD. **Sociol Rev [Monogr]** 1985;(31):124-46

Sexual problems of sexual assault survivors. Becker JV, et al. **Women Health** 1984 Winter;9(4):5-20

[Rape by 2 assaillants and gang rape in Montreal] Lamontagne Y, et al. **Can J Psychiatry** 1984 Nov; 29(7):564-9 (Eng. Abstr.) **(Fre)**

[Medical duties in cases of rape and attempted rape] Bär W. **Rev Med Suisse Romande** 1984 Nov;104(11):893-6 **(Fre)**

[Extragenital injuries in rape] Kernbach G, et al. **Geburtshilfe Frauenheilkd** 1984 Oct;44(10):643-50 (Eng. Abstr.) **(Ger)**

[Possibilities of identifying the assailant in rape cases by serologic testing of semen stains] Glowatzki-Mullis ML. **Schweiz Rundsch Med Prax** 1985 Jan 8;74(1-2):12-8 (Eng. Abstr.) **(Ger)**

[Rape as a medical problem] Bang L, et al. **Tidsskr Nor Laegeforen** 1985 Feb 10;105(4):305-7 (Eng. Abstr.) **(Nor)**

LEGISLATION & JURISPRUDENCE

Outcome studies of sexual assault cases [editorial] Knopp R, et al. **Ann Emerg Med** 1985 May;14(5):481-2

The value of the medico-legal examination in sexual offences. Helweg-Larsen K. **Forensic Sci Int** 1985 Mar;27(3):145-55

A behavioral view of rape. Marshall WL, et al. **Int J Law Psychiatry** 1984;7(1):51-77

An evaluation of gamma-glutamyl transpeptidase (GGT) and p30 determinations for the identification of semen on postcoital vaginal swabs. Stubbings NA, et al. **J Forensic Sci** 1985 Jul;30(3):604-14

[The rape of a spouse and its medicolegal implications] Soutoul JH. **Rev Fr Gynecol Obstet** 1985 Apr;80(5):327-9 **(Fre)**

[Violence in marriage--a gentleman's crime? Max-Planck Institute compares international jurisprudence] Meermann H. **Fortschr Med** 1984 Dec 13;102(46):66-7 **(Ger)**

RAPESEED see **BRASSICA**

RAPHE NUCLEI

Raphe nucleus encephalopathy (myalgic encephalomyelitis, epidemic neuromyasthenia). Maurizi CP. **Med Hypotheses** 1985 Apr;16(4):351-4

Cardiovascular responses elicited by microinjection of monoamines into mesencephalic nucleus dorsalis raphe in cats. Saxena AK, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Apr; 329(2):141-5

ANALYSIS

Ultrastructural analysis of central serotoninergic neurons immunolabeled by silver-gold-intensified diaminobenzidine chromogen. Completion of immunocytochemistry with X-ray microanalysis. Liposits Z, et al. **J Histochem Cytochem** 1985 Jun;33(6):604-10

Twenty-four hour rhythms of norepinephrine and serotonin in nucleus suprachiasmaticus, raphe nuclei, and locus coeruleus in the rat. Semba J, et al. **Sleep** 1984;7(3):211-8

ANATOMY & HISTOLOGY

Cortical projections of the nucleus centralis superior and the adjacent reticular tegmentum in the mouse. Galindo-Mireles D, et al. **Brain Res** 1985 Mar 25; 330(2):343-8

Origin and termination of dorsal raphe-median eminence projection. Villar MJ, et al. **Brain Res** 1984 Dec 17; 324(1):165-70

Organization of raphe-cortical projections in rat: a quantitative retrograde study. O'Hearn E, et al. **Brain Res Bull** 1984 Dec;13(6):709-26

Brainstem afferents to the omnipause region in the cat: a horseradish peroxidase study. Langer TP, et al. **J Comp Neurol** 1984 Dec 10;230(3):444–58

Serotoninergic axonal contacts on identified cat spinal dorsal horn neurons and their correlation with nucleus raphe magnus stimulation. Miletic V, et al. **J Comp Neurol** 1984 Sep 1;228(1):129–41

Vestibular nuclear efferents to the nucleus raphe pontis, the nucleus reticularis tegmenti pontis and the nuclei pontis in the cat. Gerrits NM, et al. **Neurosci Lett** 1985 Mar 15; 54(2–3):357–62

Axonal branching of ventral tegmental and raphe projections to the frontal cortex in the rat. Sobel E, et al. **Neurosci Lett** 1984 Jul 27;48(2):121–5

CYTOLOGY

The spinal terminations of single, physiologically characterized axons originating in the pontomedullary raphe of the cat. Light AR. **J Comp Neurol** 1985 Apr 22; 234(4):536–48

DRUG EFFECTS

Differential responses of serotonergic and non-serotonergic neurons in nucleus raphe magnus to systemic morphine in rats. Chiang CY, et al. **Brain Res** 1985 Jun 24; 337(1):146–50

Changes of serotonin and dopamine metabolism in various forebrain areas of rats injected with morphine either systemically or in the raphe nuclei dorsalis and medianus. Spampinato U, et al. **Brain Res** 1985 Feb 25;328(1):89–95

Functional activity in the lateral habenular and dorsal raphe nuclei following administration of several dopamine receptor antagonists. Ramm P, et al. **Can J Physiol Pharmacol** 1984 Dec;62(12):1530–3

Response of serotonin-containing neurons in nucleus raphe magnus to morphine, noxious stimuli, and periaqueductal gray stimulation in freely moving cats. Auerbach S, et al. **Exp Neurol** 1985 Jun;88(3):609–28

Effects of ketanserin on neuronal responses to serotonin in the prefrontal cortex, lateral geniculate and dorsal raphe nucleus. Lakoski JM, et al. **Neuropharmacology** 1985 Apr; 24(4):265–73

Unit activity in the dorsal raphe in freely-moving cats. Effect of monoamine oxidase inhibitors. Trulson ME, et al. **Neuropharmacology** 1985 Jun;24(6):473–8

Effect of microelectrophoretically applied corticosterone on raphe neurones in the rat. Avañzino GL, et al. **Neurosci Lett** 1984 Sep 7;50(1–3):307–11

Akinesia after locally applied morphine near the nucleus raphe pontis of the rat. Broekkamp CL, et al. **Neurosci Lett** 1984 Sep 7;50(1–3):313–8

Pressor response to electrical and chemical stimulation of nucleus raphe dorsalis in the cat. Piper RD, et al. **Stroke** 1985 Mar–Apr;16(2):307–12

[Effects of the injection of morphine into the head of the caudate nucleus on the activities of neurons of the nucleus raphe magnus in rats] Zhu B, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):228–31 (Eng. Abstr.) **(Chi)**

[Effects of injection of morphine into the head of the caudate nucleus on activities of neurons of the nucleus raphe magnus in rats] Zhu B, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):228–31 (Eng. Abstr.) **(Chi)**

[Effect of serotonin on cholinergic septo-hippocampal reactions in the rabbit] Kozhedub RG. **Zh Vyssh Nerv Deiat** 1985 May–Jun;35(3):537–43 (Eng. Abstr.) **(Rus)**

EMBRYOLOGY

Decreased serotonin content of embryonic raphe neurons following maternal administration of p-chlorophenylalanine: a quantitative immunocytochemical study. Lauder JM, et al. **Brain Res** 1985 May;352(1):107–14

METABOLISM

The distribution and origin of serotonin immunoreactivity in the rat cerebellum. Bishop GA, et al. **Brain Res** 1985 Apr 8;331(2):195–207

Evidence for synenkephalin-like immunoreactivity in pontobulbar monoaminergic neurons of the cat. Charnay Y, et al. **Brain Res** 1985 May 27;335(1):160–4

Serotonin-containing projections to the thalamus in the rat revealed by a horseradish peroxidase and peroxidase antiperoxidase double-staining technique. Consolazione A, et al. **Brain Res** 1984 Nov 26;322(2):233–43

[Preliminary observations on the distribution of serotoninergic and cerebellar-projecting neurons of the raphe nuclei of the brain stem] De Leo F, et al. **Boll Soc Ital Biol Sper** 1985 Feb 28;61(2):229–33 (Eng. Abstr.) **(Ita)**

[Concentration of nucleolar nucleic acids in the nucleus raphe dorsalis and CA3 hippocampus of the rat brain during deprivation of the paradoxical phase of sleep] Klenikova VA, et al. **Fiziol Zh SSSR** 1985 Jun;71(6):753–6 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Nucleus raphe dorsalis in Alzheimer's disease: neurofibrillary tangles and loss of large neurons. Yamamoto T, et al. **Ann Neurol** 1985 Jun;17(6):573–7

PHYSIOLOGY

Thalamo-rapheal connections in the rat. An experimental study using the anterograde and retrograde technique. Petrovický P. **Acta Univ Carol [Med] (Praha)** 1983; 29(5–6):283–304

Effect of stimulation of nucleus raphe dorsalis on carotid blood flow. II. The cat. Goadsby PJ, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R263–9

Effect of stimulation of nucleus raphe dorsalis on carotid blood flow. I. The monkey. Goadsby PJ, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R257–62

Spontaneous and delayed spatial alternation following damage to specific neuronal elements within the nucleus medianus raphe. Asin KE, et al. **Behav Brain Res** 1984 Sep;13(3):241–50

Hyperinnervation of the striatum by dorsal raphe afferents after dopamine-depleting brain lesions in neonatal rats. Berger TW, et al. **Brain Res** 1985 Jun 17;336(2):354–8

Responses of midbrain raphe neurons to ethanol. Chu NS. **Brain Res** 1984 Oct 8;311(2):348–52

The effects of decerebration and destruction of nucleus raphe magnus, periaqueductal grey matter and brainstem lateral reticular formation on the depression due to surgical trauma of the jaw-opening reflex evoked by tooth-pulp stimulation in the cat. Clarke RW. **Brain Res** 1985 Apr 22;332(2):231–6

Electrophysiological studies of a rostral projection from the nucleus raphe magnus to the hypothalamus in the rat and cat. Lumb BM, et al. **Brain Res** 1985 Feb 18;327(1–2):336–9

Evidence for GABA mediation of sympathetic inhibition evoked from midline medullary depressor sites. McCall RB, et al. **Brain Res** 1985 Jul 29;339(2):356–60

Evidence for a serotonergically mediated sympathoexcitatory response to stimulation of medullary raphe nuclei. McCall RB. **Brain Res** 1984 Oct 8;311(1):131–9

Pontomedullary raphe neurons: monosynaptic excitation from midbrain sites that suppress the jaw opening reflex. Mason P, et al. **Brain Res** 1985 Mar 11;329(1–2):384–9

Inhibitory influence of GABA on central serotonergic transmission. Raphé nuclei as the neuroanatomical site of the GABAergic inhibition of cerebral serotonergic neurons. Nishikawa T, et al. **Brain Res** 1985 Apr 1;331(1):91–103

Inhibitory influence of GABA on central serotonergic transmission. Involvement of the habenulo-raphé pathways in the GABAergic inhibition of ascending cerebral serotonergic neurons. Nishikawa T, et al. **Brain Res** 1985 Apr 1;331(1):81–90

Antidromic activation of dorsal raphe neurons from neostriatum: physiological characterization and effects of terminal autoreceptor activation. Sawyer SF, et al. **Brain Res** 1985 Apr 15;332(1):15–28

The characteristics of the antidromic discharge of cat dorsal raphe neurons during repetitive activation. Watabe K, et al. **Brain Res** 1985 Feb 18;327(1–2):231–9

A GABAergic habenulo-raphe pathway mediates both serotoninergic and hypnogenic effects of vasotocin in cats. Pavel S, et al. **Brain Res Bull** 1984 Nov;13(5):623–7

The urinary excretion of 5-hydroxyindoleacetic acid does not reflect brain levels of this metabolite of 5-hydroxytryptamine. Aizenstein ML, et al. **Braz J Med Biol Res** 1984;17(3–4):323–7

Histamine-induced depression of serotoninergic dorsal raphe neurons: antagonism by cimetidine, a reevaluation. Lakoski JM, et al. **Eur J Pharmacol** 1984 Aug 3;103(1–2):153–6

Has the raphe dorsalis nucleus an asymmetric function? Crespi F, et al. **Exp Brain Res** 1984;56(3):403–9

The significance of nucleus raphe dorsalis and centralis for thermoafferent signal transmission to the preoptic area of the rat. Werner J, et al. **Exp Brain Res** 1985;59(3):543–7

Activity of serotonin-containing neurons in nucleus raphe magnus in freely moving cats. Fornal C, et al. **Exp Neurol** 1985 Jun;88(3):590–608

Simultaneous determination of 5-hydroxytryptophan and 3,4-dihydroxyphenylalanine in rat brain by HPLC with electrochemical detection following electrical stimulation of the dorsal raphe nucleus. Duda NJ, et al. **J Neurochem** 1985 Jan;44(1):128–33

Tryptamine concentrations in areas of 5-hydroxytryptamine terminal innervation after electrolytic lesions of midbrain raphe nuclei. Juorio AV, et al. **J Neurochem** 1985 Aug; 45(2):422–6

Raphe magnus inhibition of feline T1–T4 spinoreticular tract cell responses to visceral and somatic inputs. Chapman CD, et al. **J Neurophysiol** 1985 Mar;53(3):773–85

Axonal branching patterns and funicular trajectories of raphespinal sympathoinhibitory neurons. Morrison SF, et al. **J Neurophysiol** 1985 Mar;53(3):759–72

Response properties and functional organization of neurons in midline region of medullary reticular formation of cats. Yen CT, et al. **J Neurophysiol** 1984 Nov;52(5):961–79

Activation of nucleus raphe magnus by acupuncture and enkephalinergic mechanism. Zhu LX, et al. **J Tradit Chin Med** 1984 Jun;4(2):111–8

Studies on the up regulation of alpha-adrenoceptors on rat hippocampal perikarya by chemical lesion of the median raphe nucleus. Consolo S, et al. **Life Sci** 1985 Aug 5; 37(5):449–60

Dietary tryptophan does not alter the function of brain serotonin neurons. Trulson ME. **Life Sci** 1985 Sep 16; 37(11):1067–72

Characterization of the alpha adrenergic receptor population in hippocampus up regulated by serotonergic raphe deafferentiation. Wang JX, et al. **Life Sci** 1985 Jan 21; 36(3):255–70

Modulation of a transient outward current in serotonergic neurones by alpha 1-adrenoceptors. Aghajanian GK. **Nature** 1985 Jun 6–12;315(6019):501–3

Raphe lesions modify ethanol's effects on plasma corticosterone and NEFA. Brick J, et al. **Neuropharmacology** 1984 Aug;23(8):997–9

The role of serotonergic neurons in dorsal raphe, median raphe and anterior hypothalamic pressor mechanisms. Robinson SE, et al. **Neuropharmacology** 1985 Jan;24(1):51–8

Supraspinal loops that mediate visceral inputs to thoracic spinal cord neurones in the cat: involvement of descending pathways from raphe and reticular formation. Cervero F, et al. **Neurosci Lett** 1985 May 14;56(2):189–94

5-Hydroxytryptamine mediates inhibitory postsynaptic potentials in rat dorsal raphe neurons. Yoshimura M, et al. **Neurosci Lett** 1985 Jan 7;53(1):69–74

An electrophysiological study of neurones in the rat median raphe and their projections to septum and hippocampus. Crunelli V, et al. **Neuroscience** 1985 May;15(1):47–60

Stimulation of the raphe nuclei produces EEG spikes in the hippocampus of the normal rabbit. Minami S. **Nippon Ika Daigaku Zasshi** 1984 Oct;51(5):557–67

Raphe magnus inhibition of primate T1–T4 spinothalamic cells with cardiopulmonary visceral input. Ammons WS, et al. **Pain** 1984 Nov;20(3):247–60

Effects of chronic LiCl and RbCl on muricide induced by midbrain raphe lesions in rats. Yamamoto T, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):559–63

Effects of serotonin-depleting midbrain lesions on the defense of hypothalamic obesity. Coscina DV, et al. **Physiol Behav** 1984 Oct;33(4):575–9

Facilitated sexual behavior reversed and serotonin restored by raphe nuclei transplanted into denervated hypothalamus. Luine VN, et al. **Science** 1984 Dec 21;226(4681):1436–9

Sleep in the cat: raphe dorsalis and vasotocin. Goldstein R, et al. **Sleep** 1984;7(4):373–9

[Role of dorsal raphe nucleus on relay neuron in lateral geniculate nucleus] Yoshida M, et al. **Nippon Ganka Gakkai Zasshi** 1984 May;88(5):902–8 (Eng. Abstr.) **(Jpn)**

[Cross-correlation interactions in the cortex upon stimulation of the posterolateral hypothalamus and raphe nuclei] Mamedov ZG, et al. **Zh Vyssh Nerv Deiat** 1984 Jul–Aug; 34(4):791–3 **(Rus)**

[Effect of a high-frequency electrical current on the activity of the raphe nuclei and the locus coeruleus] Vorob'ev VV, et al. **Zh Vyssh Nerv Deiat** 1985 Jan–Feb;35(1):139–45 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Inhibition of nociceptive evoked activity in spinal neurons through a dorsal column-brainstem-spinal loop. Saadé NE, et al. **Brain Res** 1985 Jul 22;339(1):115–8

Evidence for pain modulation by pre- and postsynaptic noradrenergic receptors in the medulla oblongata. Sagen J, et al. **Brain Res** 1985 Apr 8;331(2):285–93

Role of midbrain raphe in stress-induced renin and prolactin secretion. Van de Kar LD, et al. **Brain Res** 1984 Oct 8; 311(2):333–41

Descending control of spinal nociceptive transmission. Actions produced on spinal multireceptive neurones from the nuclei locus coeruleus (LC) and raphe magnus (NRM). Mokha SS, et al. **Exp Brain Res** 1985;58(2):213–26

Electrolytic raphe magnus lesions block analgesia induced by a stress-morphine interaction but not analgesia induced by morphine alone. Kelly SJ, et al. **Neurosci Lett** 1984 Nov 23;52(1–2):147–52

Increase of self-mutilation behavior in forelimb deafferented rats, following stimulation of the dorsal raphe nucleus. Souteyrand JP, et al. **Neurosci Lett** 1985 Mar 15; 54(2–3):135–9

Serotonin-depleting midbrain lesions fail to mitigate hyperphagia and obesity in the Zucker fatty rat. Coscina DV, et al. **Physiol Behav** 1985 Jan;34(1):107–14

TRANSPLANTATION

In vivo voltammetric measurement of extracellular 5-hydroxyindoleacetic acid in the denervated striatum after transplantation of mesencephalic raphe neurons. McRae-Degueurce A, et al. **Neurosci Lett** 1984 Jul 27; 48(2):97–102

RAPID EYE MOVEMENTS see **SLEEP, REM**

RARE GASES see **GASES, RARE**

RAS GENES see **ONCOGENES**

RAT-BITE FEVER

ETIOLOGY

Streptobacillary fever. An unusual cause of infectious arthritis. Mandel DR. **Cleve Clin Q** 1985 Summer; 52(2):203–5

MICROBIOLOGY

Comparison of media with and without 'Panmede' for the isolation of Streptobacillus moniliformis from blood cultures and observations on the inhibitory effect of sodium polyanethol sulphonate. Shanson DC, et al. **J Med Microbiol** 1985 Apr;19(2):181-6

[Rat-bite fever] Lehtonen OP, et al. **Duodecim** 1985; 101(14):1383-6 (Eng. Abstr.) **(Fin)**

RAT NEMATODE see **NIPPOSTRONGYLUS**

RATE SETTING AND REVIEW

Is compression occurring in DRG prices? Lave JR. **Inquiry** 1985 Summer;22(2):142-7

LEGISLATION & JURISPRUDENCE

Outpatient surgery plan gets mixed reviews. **Hospitals** 1985 Sep 16;59(18):61

State rate-setting and its effects on the cost of nursing-home care. Holahan J. **J Health Polit Policy Law** 1985 Winter; 9(4):647-67

Medicare rate setting and its problems. A fixed price per bundled product. Verville RE. **J Leg Med (Chicago)** 1985 Mar;6(1):85-106 (0 ref.)

TRENDS

Physician practice patterns under hospital rate-setting programs. Zuckerman S, et al. **JAMA** 1984 Nov 9; 252(18):2589-92

RATIONALIZATION see under **DEFENSE MECHANISMS**

RATS

see related
RODENT CONTROL

Sialodacryoadenitis in the rat: effects of immunosuppression on the course of the disease. Hanna PE, et al. **Am J Vet Res** 1984 Oct;45(10):2077-83

Age-dependent transmission of hemorrhagic fever with renal syndrome (HFRS) virus in rats. Brief report. Morita C, et al. **Arch Virol** 1985;85(1-2):145-9

Streptobacillary fever. An unusual cause of infectious arthritis. Mandel DR. **Cleve Clin Q** 1985 Summer; 52(2):203-5

Enzootic and epizootic adrenal medullary proliferative disease of rats: influence of dietary factors which affect calcium absorption. Roe FJ, et al. **Hum Toxicol** 1985 Jan; 4(1):27-52

Hodgkin's disease-like lesion in a rat. Majeed SK, et al. **J Comp Pathol** 1985 Jan;95(1):123-6

Study of the effects of insulin on the migration of Hymenolepis diminuta in rats. Cho CH. **J Helminthol** 1984 Dec;58(4):291-3

A catheter system for long-term intravenous infusion in unrestrained rats. Brenner U, et al. **Lab Anim** 1985 Jul; 19(3):192-4

Experiences with standardized feeding of rats with an automatic food dispensing apparatus. James J, et al. **Lab Anim** 1985 Jul;19(3):255-7

Irradiation of groups of mice and rats. Studies on the homogeneity of dose distribution in the irradiation field of a Co-60 source. Jensen JM, et al. **Lab Anim** 1984 Oct; 18(4):332-5

A comparison of subcutaneous and intraperitoneal oxytetracycline injection methods for control of infectious disease in the rat. Porter WP, et al. **Lab Anim** 1985 Jan; 19(1):3-6

Enzyme-linked immunosorbent assay in the diagnosis of Kilham rat virus infection in rats. Singh SB, et al. **Lab Anim** 1984 Oct;18(4):364-70

Use of the flexible film isolator as a single circuit hypoxic chamber for small animals. Winter RJ, et al. **Lab Anim** 1985 Jul;19(3):258-61

A new technique for intragastric dosing of rats with solid test substances. Bingman TS, et al. **Lab Anim Sci** 1984 Dec; 34(6):624-5

A modified voluntary running wheel for laboratory animals. Campagna PD. **Lab Anim Sci** 1984 Aug;34(4):397-8

Bacterial and mycoplasmal flora of the middle ear of laboratory rats with otitis media. Eamens GJ. **Lab Anim Sci** 1984 Oct;34(5):480-3

The use of cerebral ventriculography for verification of intracerebroventricular cannula placement in the live rat. Gwosdow AR, et al. **Lab Anim Sci** 1985 Apr;35(2):176-7

A method of restraining rats for intravenous injection using a flexible plastic bag. Reigle RD, et al. **Lab Anim Sci** 1984 Oct;34(5):497-8

A rat restraining cage for IV infusion in epigastric flap studies. Geter RK, et al. **Plast Reconstr Surg** 1985 Feb; 75(2):268-9

Exacerbation of murine respiratory mycoplasmosis in gnotobiotic F344/N rats by Sendai virus infection. Schoeb TR, et al. **Vet Pathol** 1985 May;22(3):272-82

Lesions of articular, sternal and growth plate cartilage in rats. Yamasaki K, et al. **Vet Pathol** 1985 Jan;22(1):46-50

Subcutaneous cannula in the jugular and femoral vein--a tool for frequent blood sampling and infusions in the rat. Bodziony J, et al. **Z Versuchstierkd** 1985;27(1):29-32

[Distribution of rodents in an endemic area of hemorrhagic fever renal syndrome infection in Chen-qiao District, Ying-shang County, Anhui Province] Wu XK. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Feb; 6(1):15-7 (Eng. Abstr.) **(Chi)**

[Allergy to laboratory rats] Møller NE, et al. **Ugeskr Laeger** 1984 Dec 3;146(49):3869-72 (Eng. Abstr.) **(Dan)**

[Proposal for the treatment of Syphacia muris infection in the laboratory rat with the agent pyrvinium pamoate] Veletzky S, et al. **Zentralbl Veterinarmed [B]** 1985 Feb; 32(2):149-53 (Eng. Abstr.) **(Ger)**

[Serodiagnosis of Mycoplasma pulmonis infection in mice and rats by an enzyme-linked immunosorbent assay] Matsubara J, et al. **Jikken Dobutsu** 1985 Jan;34(1):49-55 (Eng. Abstr.) **(Jpn)**

[Japanese anatomical terminology (nomina anatomica japonica) from the educational view point (1)--sune and nezumi] Hojo T. **Sangyo Ika Daigaku Zasshi** 1984 Dec 1; 6(4):433-6 (Eng. Abstr.) **(Jpn)**

[Modification of Eysenck's typology in the rat] Simonov PV. **Zh Vyssh Nerv Deiat** 1984 Sep-Oct;34(5):953-7 (Eng. Abstr.) **(Rus)**

ANATOMY & HISTOLOGY

Three-dimensional and surface structures of rat filiform papillae. Iida M, et al. **Acta Anat (Basel)** 1985;121(4):237-44

The number of sarcomeres and architecture of the M. gastrocnemius of the rat. Holewijn M, et al. **Acta Morphol Neerl Scand** 1984 Oct;22(3):257-63

Muscle fiber type composition of the rat hindlimb. Armstrong RB, et al. **Am J Anat** 1984 Nov;171(3):259-72

Changes in the fine structure of rat visceral yolk-sac placenta during prolonged pregnancy. Jollie WP. **Am J Anat** 1984 Sep;171(1):1-14

Ultrastructure of the thick ascending limb of Henle in the rat kidney. Kone BC, et al. **Am J Anat** 1984 Oct; 171(2):217-26

Intrinsic innervation of the atrioventricular junction of the rat heart. Moravec M, et al. **Am J Anat** 1984 Nov; 171(3):307-19

Structure, development, and cytochemical properties of the nucleolus-associated 'round body' in rat spermatocytes and early spermatids. Schultz MC, et al. **Am J Anat** 1984 Sep; 171(1):41-57

The early changes of parietal cell structure in the course of secretory activity in the rat. Vial JD, et al. **Am J Anat** 1985 Apr;172(4):291-306

Light and electron microscopic examination of the mature decidual cells of the rat with emphasis on the antimesometrial decidua and its degeneration. Welsh AO, et al. **Am J Anat** 1985 Jan;172(1):1-29

A map of membrane populations isolated from rat exorbital gland. Mircheff AK, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G651-61

Influence of age on position, shape and size of the carotid bodies in spontaneously hypertensive (SHR) and normotensive (NCR) rats. Habeck JO, et al. **Anat Anz** 1984; 157(5):351-63

Ultrastructural changing of the rat parathyroid gland under various fixation methods. Moreira JE, et al. **Anat Anz** 1985; 158(5):413-23

Further evidence of bilateral cervical projection from the snout primary sensory neurons by HRP method. Narita N, et al. **Anat Anz** 1985;158(5):453-6

Cytoarchitecture of the rat's supraoptic nucleus. Bruni JE, et al. **Anat Embryol (Berl)** 1984;170(2):129-38

Anatomy of the inferior colliculus in rat. Faye-Lund H, et al. **Anat Embryol (Berl)** 1985;171(1):1-20

Sexual differences in the topographical distribution of serotonergic fibers in the anterior column of rat lumbar spinal cord. Kojima M, et al. **Anat Embryol (Berl)** 1984; 170(2):117-21

Constant position of the superficial cerebral veins of the rat: a quantitative analysis. Bardosi A, et al. **Anat Rec** 1985 Mar;211(3):338-41

Ultrastructural characterization of glial cells in the rat pineal gland with special reference to the pineal stalk. Luo ZR, et al. **Anat Rec** 1984 Dec;210(4):663-74

Resistance vessels supplying the median eminence of the rabbit, rat, and cat. Page RB, et al. **Anat Rec** 1984 Dec; 210(4):647-55

A comparison of rat and hamster preovulatory follicles: an examination of differences in morphology and enzyme activity using qualitative and quantitative analyses. Zoller LC. **Anat Rec** 1984 Oct;210(2):279-91

Ultrastructural identification of satellite interneurons in the rat dorsal lateral geniculate nucleus. Montero VM, et al. **Arch Biol Med Exp (Santiago)** 1983 Dec;16(3-4):343-60

Ultrastructural morphometric characteristics of the cumulus oophorus and corona radiata cells in antral follicles of the rat ovary. Kujawa M, et al. **Arch Ital Anat Embriol** 1984 Jul-Dec;89(3-4):167-82

The frequency and distribution of medium-sized neurons with indented nuclei in the primate and rodent neostriatum. Graveland GA, et al. **Brain Res** 1985 Feb 18; 327(1-2):307-11

Topography and ultrastructure of the uterine lymphatics in the rat. Lauweryns JM, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Dec;18(5-6):309-27

Fiber analysis of the pyramidal tract of the laboratory rat. Harding GW, et al. **Exp Neurol** 1985 Mar;87(3):503-18

Pattern of myelination in the pyramidal tract of the rat. Towe AL, et al. **Exp Neurol** 1985 Jul;89(1):284-8

Morphology of claustral neurons in the rat. Mamos L. **Folia Morphol** 1984;43(2):73-8

Morphological and morphometric studies of rat interfollicular epidermis in the light and the electron microscope. Subrtová D. **Folia Morphol (Praha)** 1984; 32(3):218-24

Postnatal growth of skeletal muscle fibres of the rat. Dall Pai V, et al. **Gegenbaurs Morphol Jahrb** 1984;130(6):827-34

Sex differences in adrenocortical structure and function. XVII. Analysis of adrenal growth rate in maturing male and female rats and hamsters. Nikicicz H, et al. **Gegenbaurs Morphol Jahrb** 1984;130(4):573-82

The cytoarchitectonic organization of the spinal cord in the rat. I. The lower thoracic and lumbosacral cord. Molander C, et al. **J Comp Neurol** 1984 Nov 20;230(1):133-41

Morphology of Golgi-Cox-impregnated barrel neurons in rat SmI cortex. Simons DJ, et al. **J Comp Neurol** 1984 Nov 20;230(1):119-32

Bregma, lambda and the interaural midpoint in stereotaxic surgery with rats of different sex, strain and weight. Paxinos G, et al. **J Neurosci Methods** 1985 Apr;13(2):139-43

Long-term survival of cultured adult rat heart cells. Yamana K. **Jpn Heart J** 1985 May;26(3):463-8

Cytoarchitectural study on the dorsal motor nucleus of the rat vagus. Lü YL, et al. **Okajimas Folia Anat Jpn** 1984 Aug;61(2-3):221-33

Paired helical filaments in spinal ganglion neurons of elderly rats. van den Bosch de Aguilar P, et al. **Virchows Arch [Cell Pathol]** 1984;47(3):217-22

An electron microscope study of the dorsal gray commissure of the rat spinal cord (segment C-1). Herrera-Lara M, et al. **Z Mikrosk Anat Forsch** 1984;98(6):805-12

Effects of busulfan on the placental labyrinth of the rat. Zöltzer H. **Z Mikrosk Anat Forsch** 1985;99(1):129-45

[Cytochemical studies of hydrolases in the genitalia of female marmosets (Callithrix jacchus) and rats] Blanke HJ, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:171-84 **(Ger)**

[Morphokinetic effect of chlormadinone acetate on parts of the brain-hypophysis-gonadal axis of pubertal male rats] Hünigen H. **Z Mikrosk Anat Forsch** 1985;99(2):293-302 (Eng. Abstr.) **(Ger)**

BLOOD

Extrinsic allergic alveolitis due to rat serum proteins. Carroll KB, et al. **Clin Allergy** 1975 Dec;5(4):443-56

Arylesterase activities in the plasma of rats, rabbits and humans on low- and high-cholesterol diets. Beynen AC, et al. **Comp Biochem Physiol [B]** 1984;78(3):669-73

Evidence that rat platelet fibrinogen molecules lack the gamma' chain variant found in plasma fibrinogen molecules. Homandberg GA, et al. **Thromb Res** 1985 Jul 15; 39(2):203-9

EMBRYOLOGY

Contacts between Wolffian and Müllerian cells at the tip of the outgrowing Müllerian duct in rat embryos. Dohr G, et al. **Acta Anat (Basel)** 1984;120(3):123-8

Development of neuroepithelial bodies in intact and cultured lungs of fetal rats. Carabba VH, et al. **Am J Anat** 1985 May;173(1):1-27

Perinatal development of the small intestine and pancreas in rat and spiny mouse. Its relation to altricial and precocial timing of birth. Lamers WH, et al. **Biol Neonate** 1985; 47(3):153-62

Abnormal embryonic development induced by antibodies to rat visceral yolk-sac endoderm: isolation of the antigen and localization to microvillar membrane. Leung CC, et al. **Dev Biol** 1985 Feb;107(2):432-41

Ovine placental lactogen inhibits glucagon-induced glycogenolysis in fetal rat hepatocytes. Freemark M, et al. **Endocrinology** 1985 Apr;116(4):1275-80

The rat superior cervical ganglion during prenatal development. Pospíšilová V, et al. **Folia Morphol (Praha)** 1984;32(3):213-7

Uptake and distribution of exogenous serum proteins in the cultured rat embryo. Rhinehardt AE, et al. **J Exp Zool** 1984 Nov;232(2):379-83

Transient and differential expression of aspects of the catecholaminergic phenotype during development of the fetal bowel of rats and mice. Gershon MD, et al. **J Neurosci** 1984 Sep;4(9):2269-80

The effect of ethanol upon early development in mice and rats. VI. In vivo effect of acetaldehyde upon preimplantation stages in rats. Checiu M, et al. **Morphol Embryol (Bucur)** 1984 Jul-Sep;30(3):175-84

Teratogenicity and embryolethality of acrolein and structurally related compounds in rats. Slott VL, et al. **Teratology** 1985 Aug;32(1):65-72

[Female germ cell development during the meiotic prophase in the rat: criteria for cytoplasmic and nuclear identification of the different stages on thin histological slides] Bézard J, et al. **Reprod Nutr Dev** 1984;24(5A):633-54 (Eng. Abstr.) **(Fre)**

[General characteristics of an experiment to study the ontogeny of rats on board the Kosmos-1514 biosatellite] Serova LV, et al. **Kosm Biol Aviakosm Med** 1985 Mar-Apr; 19(2):49-53 (Eng. Abstr.) **(Rus)**

GENETICS

Development of the National Institutes of Health genetically heterogeneous rat stock. Hansen C, et al. **Alcoholism (NY)** 1984 Sep–Oct;8(5):477–9

Linkage of diabetes insipidus and agouti genes in the rat. Stolc V. **Biochem Genet** 1984 Oct;22(9–10):893–9

Cloning and expression of the chromosomal immune interferon gene of the rat. Dijkema R, et al. **EMBO J** 1985 Mar;4(3):761–7

Association of spontaneous thyroiditis with the major histocompatibility complex of the rat. Colle E, et al. **Endocrinology** 1985 Apr;116(4):1243–7

Orientation of the loci encoding RT1.B polypeptides in the major histocompatibility complex of the rat. Blankenhorn EP, et al. **Immunogenetics** 1985;21(2):135–42

The rat immunoglobulin kappa light chain locus is on chromosome 4. Perlmann C, et al. **Immunogenetics** 1985; 22(1):97–100

Serum-independent regulation of initiation of DNA synthesis relating to temperature-sensitive defect in rat 3Y1tsD123 fibroblasts and its compensation by simian virus 40. Zaitsu H, et al. **J Cell Physiol** 1985 Jun;123(3):305–9

Genetic differences in avoidance learning by Rattus norvegicus: escape/avoidance responding, sensitivity to electric shock, discrimination learning, and open-field behavior. Brush FR, et al. **J Comp Psychol** 1985 Mar; 99(1):60–73

Evidence for separate gene loci (Es–1 and Es–Si) controlling serum esterases in rats. Nikaido H, et al. **J Hered** 1984 Sep–Oct;75(5):419–20

Genetic polymorphism of ceruloplasmin in the rat. Stolc V. **J Hered** 1984 Sep–Oct;75(5):414–5

Fuzzy: a genetic marker for warfarin resistance in the Norway rat. Greaves JH, et al. **Lab Anim** 1985 Apr; 19(2):145–7

Glucose phosphate dehydrogenase polymorphism and the genetics of linkage group II in the Norway rat (Rattus norvegicus). Kendall PB. **Lab Anim** 1985 Jul;19(3):169–72

Vascularized bone allograft transplantation in a genetically defined rat model. Yaremchuk MJ, et al. **Plast Reconstr Surg** 1985 Mar;75(3):355–62

Polymorphism of rat alphafetoprotein and albumin genes. Boulter J, et al. **Tumour Biol** 1984;5(6):365–70

GROWTH & DEVELOPMENT

Modification of bone formation rate by growth hormone, melanocyte-stimulating hormone, and cortisone in the normal rat. Aspenberg P, et al. **Acta Anat (Basel)** 1985; 121(2):84–8

Development of the vascular supply in rat skeletal muscles. Bogusch G. **Acta Anat (Basel)** 1984;120(4):228–33

Development and morphology of rat synovial membrane. Stofft E, et al. **Acta Anat (Basel)** 1985;121(1):36–40

Cranial postnatal growth of the rat relative to environmental variance. Nowosielski-Slepowron BJ, et al. **Acta Morphol Neerl Scand** 1984 Oct;22(3):187–216

Inhibition of axoplasmic transport in the developing visual system of the rat: IV. Quantitative Golgi, electron microscopic, and histochemical analyses of the maturation of the visual cortex. Matthews MA, et al. **Am J Anat** 1984 Sep;171(1):107–31

Maturational increases and decreases in acid secretion in the rat. Ackerman SH, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G638–44

Differential growth rate of rat gastric mucosal cells during postnatal ontogeny. Jacobs DM, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G645–50

Growth control of the rat skull. Differential effects of undernourishment and of altered behaviour in experimental bipedia. Smit-Vis JH. **Anat Anz** 1984;157(4):261–74

On the ontogenetic development of the rat dorsal lateral geniculate nucleus. I. GCR-neurons at postnatal day 7—a Golgi-electron microscopic study. Brauer K, et al. **Anat Embryol (Berl)** 1985;172(1):39–48

Development of thyroid hormone dependence for growth in the rat: a study involving transplanted fetal, neonatal, and juvenile tissues. Cooke PS, et al. **Endocrinology** 1984 Dec;115(6):2059–64

Directional selection and developmental stability: evidence from fluctuating asymmetry of morphometric characters in rats. Leamy L, et al. **Growth** 1985 Spring;49(1):8–18

Growth and aging in the rat: changes in total protein, cellularity, and polyploidy in various organs. Bohman R, et al. **J Exp Zool** 1985 Mar;233(3):385–96

A comparison of the response of woodchucks and rats to variations in dietary lipotrope and lipid content. Boyd JN, et al. **J Nutr** 1985 Sep;115(9):1136–46

Effects of anesthetics and foster mother experience on survival rate of cesarean derived, foster suckled rat pups. Bartholomew JL, et al. **Lab Anim Sci** 1984 Dec; 34(6):598–601

[Diminished increase in body length in rats as an indicator of toxic injuries] Kreuzer VH, et al. **Arzneimittelforsch** 1985;35(1A):240–3 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

Geographical distribution and age related prevalence of antibody to Hantaan-like virus in rat populations of Baltimore, Maryland, USA. Childs JE, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):385–7

Cloning and expression of a rat class I major histocompatibility gene fragment in bacteria. Kastern WH, et al. **Biomed Biochim Acta** 1985;44(1):29–32

Comparison of immune status and 1,2-dimethylhydrazine induced tumorigenesis in brown––Norway and Fischer rats. Emphasis on splenic and colonic lymphocyte function. Locniskar M, et al. **Cancer Lett** 1985 Jan;25(3):311–23

Localization of mouse TEC–1,2,3 antigens in adult and fetal tissues in the rat and human. Bukovský A, et al. **Cell Differ** 1984 Dec;15(2–4):115–9

Molecular and antigenic heterogeneity of the rat leukocyte-common antigen from thymocytes and T and B lymphocytes. Woollett GR, et al. **Eur J Immunol** 1985 Feb;15(2):168–73

Characterization of two class I major histocompatibility rat cDNA clones, one of which contains a premature termination codon. Kastern W. **Gene** 1985;34(2–3):227–33

Patterns of expression of class I antigens in the tissues of congenic strains of rat. Weinberg WC, et al. **Hybridoma** 1985 Spring;4(1):27–36

Characterization of the analogues to human pregnancy-associated alpha 2-glycoprotein (alpha 2PAG, PZP) isolated in the mouse and rat. Hau J, et al. **Lab Anim** 1984 Oct;18(4):344–8

Alloantigenic systems in the rat. Fifth International Workshop. Montreal, Quebec, Canada, Aug 22–24, 1984. **Transplant Proc** 1985 Jun;17(3):1793–934

METABOLISM

Effect of guanethidine-induced sympathectomy on osteoblastic activity in the rat femur evaluated by 3H–proline autoradiography. Herskovits MS, et al. **Acta Anat (Basel)** 1984;120(3):151–5

Distribution of dipeptidyl peptidase II (Dpp II) in rat spinal cord. Gorenstein C, et al. **Am J Anat** 1985 May; 173(1):29–41

Membrane specializations and their relation to HRP transport in the medial habenular nucleus of the rat. Cupédo RN, et al. **Anat Embryol (Berl)** 1985;171(1):21–30

Subcellular location and topography of rat hepatic monoacylglycerol acyltransferase activity. Coleman RA, et al. **Biochim Biophys Acta** 1985 Apr 25;834(2):180–7

Esterase–13 of the rat (Rattus norvegicus) and its homology with esterase–3 of the house mouse (Mus musculus). Scholze M, et al. **Comp Biochem Physiol [B]** 1984; 78(3):713–8

Pulsatile luteinizing hormone release, and the inhibitory effect of estradiol–17 beta in gonadectomized male and female rats: effects of neonatal androgen or exposure to constant light. Watts AG, et al. **Endocrinology** 1984 Dec; 115(6):2251–9

Binding of cytoplasmic testosterone-receptor complex to nucleic from male rat livers. Sato N, et al. **Exp Clin Endocrinol** 1984 Jul;84(1):37–44

Radioautographic localization of 125I–atrial natriuretic factor (ANF) in rat tissues. Bianchi C, et al. **Histochemistry** 1985; 82(5):441–52

Effect of 3–nitro–4–hydroxyphenylarsonic acid on copper utilization by the pig, rat and chick. Czarnecki GL, et al. **J Anim Sci** 1984 Oct;59(4):997–1002

Effects of age on metabolic responses to endurance training in rats. Mazzeo RS, et al. **J Appl Physiol** 1984 Nov; 57(5):1369–74

Effects of medium–chain triglyceride feeding or glucose infusion on glucose kinetics in the newborn rat. Ferré P, et al. **J Dev Physiol** 1985 Feb;7(1):37–46

Peroxidase–distribution pattern in rat maturation–ameloblast layer, as revealed by high-resolution scanning electron microscopy. Sasaki T, et al. **J Electron Microsc (Tokyo)** 1984;33(2):168–71

Trace element studies in weanling rats: maternal diets and baseline tissue mineral values. Rader JI, et al. **J Nutr** 1984 Oct;114(10):1946–54

Species difference in mechanisms of D–xylose absorption by the small intestine. Ohkohchi N, et al. **Jpn J Physiol** 1984; 34(4):669–77

Effects of pregnancy on bone matrix proteins in Wistar rats. Mbuyi-Muamba JM, et al. **Lab Anim** 1984 Oct;18(4):339–43

Concentrations of total and ionic calcium, inorganic phosphorus, magnesium, and protein in maternal and fetal blood and in amniotic fluid in parathyroidectomized pregnant rats. Harada I, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):403–11

Adenylate kinase from rat liver: molecular properties and structural comparison with yeast enzyme. Watanabe K, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):63–72

[Effect of glutamic acid content of the diet on isotope–labeled glutamic acid catabolism in rats. 1. The course of 14CO excretion following intragastric administration of 14C–glutamic acid] Bergner H, et al. **Arch Tierernahr** 1984 Oct;34(10):661–75 (Eng. Abstr.) **(Ger)**

[Effect of glutamic acid content of the diet on the catabolic rate of isotope–labeled glutamic acid in rats. 3. Determination of 14CO2 and 15N excretion following intragastric infusion of 14C– and 15N–glutamic acid] Simon O, et al. **Arch Tierernahr** 1984 Dec;34(12):805–15 (Eng. Abstr.) **(Ger)**

[Effect of glutamic acid content of the diet on the catabolic rate of isotope–labeled glutamic acid in rats. 2. Time course of 14CO2 excretion following subcutaneous administration of 14C–glutamic acid] Wilke A, et al. **Arch Tierernahr** 1984 Nov;34(11):749–60 (Eng. Abstr.) **(Ger)**

[Effect of glutamic acid content in the diet on the catabolic rate of the isotope–labeled glutamic acid in rats. 4. Measurement of 14C–glutamic acid oxidation to 14CO2 with various energy sources in the diet] Wilke A, et al. **Arch Tierernahr** 1985 Jan;35(1):1–10 (Eng. Abstr.) **(Ger)**

[Methodological aspects of the preparation of measurements in animal experiment studies of metabolism] Peil J, et al. **Gegenbaurs Morphol Jahrb** 1984;130(4):531–55 (Eng. Abstr.) **(Ger)**

[Urinary protein pattern in rats following castration and substitution with sex hormones] Schneider H, et al. **Z Mikrosk Anat Forsch** 1984;98(6):873–92 (Eng. Abstr.) **(Ger)**

[Effect of the level of dietary nitrogen utilization on the distribution of various N–fractions in the urine of rats] Greife HA. **Zentralbl Veterinarmed [A]** 1985 Jan; 32(1):68–74 (Eng. Abstr.) **(Ger)**

[Nutritive value of dietary ribonucleic acid and its nucleosides in growing rats on a diet deficient in nonessential amino acid nitrogen. 3. Effect of the purine nucleosides adenosine and guanosine on body composition and weight gain and nitrogen metabolism] Greife HA, et al. **Zentralbl Veterinarmed** [A] 1984 Jul;31(6):467–77 (Eng. Abstr.) **(Ger)**

[Nutritive value of dietary ribonucleic acid and its nucleosides in growing rats on a diet deficient in nonessential amino acid nitrogen. 2. Effect of yeast RNA on body composition and weight gain and nitrogen metabolism] Greife HA, et al. **Zentralbl Veterinarmed** [A] 1984 Jul;31(6):454–66 (Eng. Abstr.) **(Ger)**

[Nutritive value of dietary ribonucleic acid and its nucleosides in growing rats on a diet deficient in nonessential amino acid nitrogen. 4. Effect of the pyrimidine nucleosides cytidine and uridine on the composition of the body mass and on nitrogen metabolism] Greife HA, et al. **Zentralbl Veterinarmed** [A] 1984 Sep; 31(8):634–44 (Eng. Abstr.) **(Ger)**

[A problem on the uric acid value of rats for clinical evaluation] Emori T, et al. **Jikken Dobutsu** 1984 Jul; 33(3):357–60 (Eng. Abstr.) **(Jpn)**

[Net protein utilization of stock diets for rats and mice] Yamanaka M. **Jikken Dobutsu** 1985 Apr;34(2):211–4 (Eng. Abstr.) **(Jpn)**

MICROBIOLOGY

Epidemiological study of hemorrhagic fever with renal syndrome related virus infection among urban rats in two islands in Tokyo Bay, Japan. Arikawa J, et al. **Acta Virol (Praha)** 1985 Jan;29(1):66–72

Isolation of a Hantaan–related virus from Brazilian rats and serologic evidence of its widespread distribution in South America. LeDuc JW, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):810–5

Infectivity of Canadian isolates of Trichinella spiralis nativa for swine, rats and carnivores. Smith HJ. **Can J Comp Med** 1985 Jan;49(1):88–90

A survey of zoonotic diseases and arthropod vectors isolated from live–trapped Norway rats (Rattus norvegicus) in the municipality of Richmond, British Columbia. Harvey DA, et al. **Can J Public Health** 1984 Sep–Oct;75(5):374–8

Serological and virological evidence of a Hantaan virus–related enzootic in the United States. Tsai TF, et al. **J Infect Dis** 1985 Jul;152(1):126–36

[Cases of hemorrhagic fever renal syndrome in 3 counties of the Guang Xi Zhuang Tribe Autonomous Region for the first time with the recovery of hemorrhagic fever viral agents from infected rodents] Huang ZX. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Feb; 6(1):18–9 (Eng. Abstr.) **(Chi)**

[Main reservoirs of infection of the hemorrhagic fever renal syndrome in endemic areas of Anhui Province] Li CB. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Jun; 6(3):133–5 (Eng. Abstr.) **(Chi)**

[Domestic rat–borne hemorrhagic fever with renal syndrome] **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 May; 18(3):140–2 (Eng. Abstr.) **(Chi)**

[Experimental animal information file: hemorrhagic fever with renal syndrome] Kawamata J. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1526–8 **(Jpn)**

[Experimental animal information file: etiology of hemorrhagic fever with renal syndrome] Kawamata J. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2450–2 **(Jpn)**

PARASITOLOGY

The presence of Angiostrongylus cantonensis in Viti Levu, Fiji. Uchikawa R, et al. **J Helminthol** 1984 Sep;58(3):231–4

Variations of synlophe of Orientostrongylus ezoensis Tada, 1975 (Nematoda: Heligmonellidae) among different populations in Japan. Fukumoto S, et al. **Jpn J Vet Res** 1985 Apr;33(1–2):27–43

[The infection of Angiostrongylus cantonensis in definitive and intermediate hosts in Guangzhou 1979–1982] Liang HK. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Aug; 5(4):245–8 (Eng. Abstr.) **(Chi)**

[Comparative studies of the development of Schistosoma japonicum in hamsters, mice and rats] Schmid K, et al. **Berl Munch Tierarztl Wochenschr** 1985 Jan 1;98(1):25–7 (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

Resorption of endometrial collagen in oophorectomized rats.

Simões ME, et al. **Acta Anat (Basel)** 1984;120(3):142–5

Biosynthesis of rat preprosomatostatin. Goodman RH, et al. **Adv Exp Med Biol** 1985;188:31–47

Endocytosis in nonciliated epithelial cells of the ductuli efferentes in the rat. Hermo L, et al. **Am J Anat** 1984 Sep; 171(1):59–74

Erythrocyte membrane phosphorylation in aging rats. Kumar R. **Am J Hematol** 1985 Jan;18(1):19–30

Role of renin-angiotensin-aldosterone system in NaCl appetite of rats. Fregly MJ, et al. **Am J Physiol** 1985 Jan; 248(1 Pt 2):R1–11 (104 ref.)

Short-term effects of feeding raw soya flour on pancreatic cell turnover in the rat. Oates PS, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G667–73

Physiological and morphological responses of the rat kidney to reduced dietary protein. Schmidt-Nielsen B, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F31–42

Lung changes resulting from intraperitoneal injections of porcine pancreatic elastase in suckling rats. Kida K, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1111–7

The effects of pelvic neurectomy on collagen in the cervix of the pseudopregnant rat. Burden HW, et al. **Anat Rec** 1984 Dec;210(4):575–81

Diameter and length changes in cerebral collaterals after middle cerebral artery occlusion in the young rat. Coyle P. **Anat Rec** 1984 Oct;210(2):357–64

The effects of simulated increases in body weight for 60 days on robusticity and mineral content of limb bones of hypophysectomized rats. Simon MR, et al. **Anat Rec** 1984 Oct;210(2):333–41

The effects of simulated increases in body weight from birth on bone robusticity of limb bones of rats. Simon MR, et al. **Anat Rec** 1984 Oct;210(2):343–6

The effects of simulated increases in body weight for 30 and 60 days on bone robusticity of limb bones in rats. Simon MR, et al. **Anat Rec** 1984 Oct;210(2):327–31

Mechanisms of hormonal regulations in brown adipose tissue of developing rats. Skala JP. **Can J Biochem Cell Biol** 1984 Jul;62(7):637–47 (90 ref.)

Subfornical organ. Does it protect against angiotensin II-induced hypertension in the rat? Bruner CA, et al. **Circ Res** 1985 Mar;56(3):462–6

Effect of 4-cholesten-3-one on 3 beta-hydroxysteroid dehydrogenase activity in rat adrenals. Tallová J, et al. **Endocrinol Exp (Bratisl)** 1984 Sep;18(3):151–5

Vasoactive intestinal peptide is a physiological mediator of prolactin release in the rat. Abe H, et al. **Endocrinology** 1985 Apr;116(4):1383–90

1-(o-Chlorophenyl)-1 (p-chlorophenyl)2,2,2-trichloroethane induces functional progestin receptors in the rat hypothalamus and pituitary gland. Brown TJ, et al. **Endocrinology** 1984 Dec; 115(6):2052–8

The physiological role of relaxin in the pregnant rat. III. The influence of relaxin on cervical extensibility. Downing SJ, et al. **Endocrinology** 1985 Mar;116(3):1215–20

The physiological role of relaxin in the pregnant rat. I. The influence of relaxin on parturition. Downing SJ, et al. **Endocrinology** 1985 Mar;116(3):1200–5

The physiological role of relaxin in the pregnant rat. II. The influence of relaxin on uterine contractile activity. Downing SJ, et al. **Endocrinology** 1985 Mar;116(3):1206–14

The suppression of pulsatile luteinizing hormone secretion during lactation in the rat. Fox SR, et al. **Endocrinology** 1984 Dec;115(6):2045–51

Absence of biological effects of oxidized parathyroid hormone-(1-34) in dogs and rats. Galceran T, et al. **Endocrinology** 1984 Dec;115(6):2375–8

Daily afternoon administration of melatonin does not irreversibly inhibit sexual maturation in the male rat. Lang U, et al. **Endocrinology** 1984 Dec;115(6):2303–10

Beta-adrenergic regulation of prostaglandin E2 receptors in human and rat adipocytes. Richelsen B, et al. **Endocrinology** 1985 Mar;116(3):1182–8

Evidence that desensitization to the negative estrogen feedback is a prepubertal and not a postpubertal event in female rats. Döcke F, et al. **Exp Clin Endocrinol** 1984 Jul; 84(1):1–6

Chronic arterial and venous catheterization of conscious, unrestrained rats. Fejes-Tóth G, et al. **Hypertension** 1984 Nov–Dec;6(6 Pt 1):926–30

Effect of change in limb position on mean electrical axis and amplitudes of QRS complex of rat electrocardiogram. Reddy LP, et al. **Indian J Physiol Pharmacol** 1984 Jan–Mar; 28(1):27–34

Effects of seleniferous grains and inorganic selenium on tissue and blood composition and growth performance of rats and swine. Goehring TB, et al. **J Anim Sci** 1984 Sep; 59(3):725–32

The role of the rat in research on control of ingestion: a commentary and review of recent advances in understanding brain control of food intake. Ritter RC. **J Anim Sci** 1984 Nov;59(5):1373–80 (50 ref.)

Effects of a brief treatment with saponin on the contractile and electrical activities of isolated uterine muscle of pregnant rat. Osa T, et al. **Jpn J Physiol** 1984;34(4):699–712

Lung volume and compliance in neonatal rats. Newman LM, et al. **Lab Anim Sci** 1984 Aug;34(4):371–5

Spontaneous skin flushing episodes in the aging female rat. Simpkins JW. **Maturitas** 1984 Nov;6(3):269–78

Open-field behaviour, growth rate and life span in the black-hooded rat. Kendrick DC. **Mech Ageing Dev** 1984 Aug;26(2–3):265–75

A new plethysmograph for detecting arterial pulse waves in rat tail. Martinelli JG, et al. **Nephron** 1985;39(1):61–3

Immunoreactive-beta-endorphin and LHRH levels in the brains of aged male rats with impaired sex behavior. Dorsa DM, et al. **Neurobiol Aging** 1984 Summer;5(2):115–20

Drug induced hypothermia in adult and senescent rats. Martin JR, et al. **Neurobiol Aging** 1985 Summer;6(2):121–4

The effect of aging on extra-adrenal catecholamine storing cells of the rat. Partanen M, et al. **Neurobiol Aging** 1984 Summer;5(2):105–10

Impact of age-related changes in serotonin and norepinephrine metabolism on reproductive function in female rats: an analytical review. Walker RF. **Neurobiol Aging** 1984 Summer;5(2):121–55 (182 ref.)

Use of echography in rats for pregnancy diagnosis. Inaba T, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):523–5

Vagal afferent activities corresponding to respiratory cycle in rats. Tsubone H, et al. **Nippon Juigaku Zasshi** 1984 Jun; 46(3):377–80

Age-related changes in the adrenergic control of glycogenolysis in rat liver: the significance of changes in receptor density. Bendeck JL, et al. **Pediatr Res** 1985 Aug; 19(8):862–8

Role of dietary protein adaptation at weaning in the development of the rat gastrointestinal tract. Buts JP, et al. **Pediatr Res** 1985 Aug;19(8):857–62

Functional heterogeneity of the descending limbs of Henle's loop. II. Interspecies differences among rabbits, rats, and hamsters. Imai M. **Pflugers Arch** 1984 Dec;402(4):393–401

The rat in biomedical research. Gill TJ 3d. **Physiologist** 1985 Feb;28(1):9–17 (105 ref.)

1 alpha-Hydroxyvitamin D2 is less toxic than 1 alpha-hydroxyvitamin D3 in the rat. Sjöden G, et al. **Proc Soc Exp Biol Med** 1985 Mar;178(3):432–6

A single-unit analysis of reciprocal relationships between the lateral and medial hypothalamus in rats. Roesch T, et al. **Reprod Nutr Dev** 1984;24(5A):609–21

Intestinal uptake of intact maternal lymphocytes by neonatal rats and lambs. Sheldrake RF, et al. **Res Vet Sci** 1985 Jul; 39(1):10–5

Reproduction and fetal development in rats exposed to nitrous oxide. Mazze RI, et al. **Teratology** 1984 Oct; 30(2):259–65

Phagocytosis of erythrocyte membranes (white ghosts) from different species by the isolated perfused rat liver. Vömel T, et al. **Vet Immunol Immunopathol** 1985 Jul;9(3):273–82

Does the MHC influence fertility of male rats? Amelang D, et al. **Zentralbl Veterinarmed** [A] 1985 May;32(5):391–8

[Analysis of ECG in normal rats] Wang TL. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Feb; 6(1):76–7 (Eng. Abstr.) **(Chi)**

[Approximations of weight increase of the male and female Rattus norvegicus using Calhoun's (1952) data] Sager G. **Anat Anz** 1984;156(5):419–26 (Eng. Abstr.) **(Ger)**

[Effects of feeding organic and inorganic zinc compounds on liver protein synthesis and growth of rats] Kietzmann M. **DTW** 1984 Nov 22;91(11–12):391–6 (Eng. Abstr.) **(Ger)**

[Technical possibilities of experimentation, registration and surgery for solving chronobiological problems in animal experiments] Peschke E, et al. **Gegenbaurs Morphol Jahrb** 1985;131(1):19–30 (Eng. Abstr.) **(Ger)**

[Social rank, sexuality and their relations to morphological and biochemical parameters in male DA rats] Militzer K, et al. **Z Versuchstierkd** 1984;26(5):217–30 (Eng. Abstr.) **(Ger)**

URINE

Gamma-2MSH is natriuretic in the rat. Lymangrover JR, et al. **Endocrinology** 1985 Mar;116(3):1227–9

Metabolism of amosulalol hydrochloride in man: quantitative comparison with laboratory animals. Kamimura H, et al. **Xenobiotica** 1985 May;15(5):413–20

RATS, BANDICOOT see **MURIDAE**

RATS, BRATTLEBORO see under **RATS, MUTANT STRAINS**

RATS, COTTON see **CRICETIDAE**

RATS, GUNN see under **RATS, MUTANT STRAINS**

RATS, INBRED ACI see under **RATS, INBRED STRAINS**

RATS, INBRED BN see under **RATS, INBRED STRAINS**

RATS, INBRED BUF see under **RATS, INBRED STRAINS**

RATS, INBRED F344 see under **RATS, INBRED STRAINS**

RATS, INBRED LEW see under **RATS, INBRED STRAINS**

RATS, INBRED SHR see under **RATS, INBRED STRAINS**

RATS, INBRED STRAINS

Differences in DMBA-induced mammary neoplastic responses in two lines of Sprague-Dawley rats. van Zwieten MJ, et al. **Eur J Cancer Clin Oncol** 1984 Sep; 20(9):1199–204

History, survival, and growth patterns of B6C3F1 mice and F344 rats in the National Cancer Institute Carcinogenesis Testing Program. Cameron TP, et al. **Fundam Appl Toxicol** 1985 Jun;5(3):526–38

Total body water in rats [letter] Eberstadt PL, et al. **Int J Nucl Med Biol** 1984;11(2):206

Anti-opiate (naloxone) suppression of Cushingoid degenerative changes in obese/SHR. Wexler BC, et al. **Int J Obes** 1985;9(2):77–91

Spontaneous teratoma in a Sprague-Dawley rat. Itoh T, et al. **Jikken Dobutsu** 1985 Apr;34(2):207–9

The spontaneously hypertensive rat (19). Proceedings of the XIX annual scientific meeting of the Council for the Spontaneously Hypertensive Rat (SHR). October 13-14, 1983, Kanagawa-ken. Abstracts. **Jpn Heart J** 1984 Sep; 25(5): 811–911

The effect of repeated reproduction on the incidence of pituitary tumours in Wistar rats. Pickering CE, et al. **Lab Anim** 1984 Oct;18(4):371–8

A new diabetic strain of rat (WBN/Kob). Tsuchitani M, et al. **Lab Anim** 1985 Jul;19(3):200–7

Dietary prevention of cataracts in the pink-eyed RCS rat. Hess HH, et al. **Lab Anim Sci** 1985 Feb;35(1):47–53

A comparison of life-span and spontaneous tumor incidence of male and female Han:WIST virgin and retired breeder rats. Rehm S, et al. **Lab Anim Sci** 1984 Oct;34(5):458–64

Oligodendroglioma in an aged rat. Aiuchi M, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):453–7

Morphology of spontaneous cardiac tumors in Fischer 344 rats. Yamate J, et al. **Nippon Juigaku Zasshi** 1984 Jun; 46(3):381–4

Histologic assessment of nerve regeneration in the rat. Mackinnon SE, et al. **Plast Reconstr Surg** 1985 Mar; 75(3):384–8

N-(3,5-Dichlorophenyl)succinimide nephrotoxicity in the Fischer-344 rat. Rankin GO, et al. **Toxicol Lett** 1985 Jan; 24(1):99–105

Auricular chondropathy in aging rats. Chiu T, et al. **Vet Pathol** 1984 Sep;21(5):500–4

Benign chordoma (sacrococcygeal) in the rat: a light and electron microscopic study. Reuber MD, et al. **Vet Pathol** 1984 Sep;21(5):536–8

Spontaneous renal pelvic carcinoma in DA/Han rats. Short communication. Deerberg F, et al. **Z Versuchstierkd** 1985; 27(1):33–8

Spontaneous pericardial mesothelioma in a rat. Nash G, et al. **Z Versuchstierkd** 1984;26(5):185–8

[Spontaneous demyelinization processes in the brain of laboratory rats] Woossmann H, et al. **Z Versuchstierkd** 1985;27(1):23–7 (Eng. Abstr.) **(Ger)**

[Morphological study on the hypoplastic testis with aplasia of the epididymis, ductus deferens, and gland of the ductus deferens in the TW inbred rat] Ajisawa C, et al. **Jikken Dobutsu** 1985 Apr;34(2):189–95 (Eng. Abstr.) **(Jpn)**

[Meningeal gliomatosis: development of experimental models] Yoshida T, et al. **No Shinkei Geka** 1984 Sep; 12(10):1141–8 (Eng. Abstr.) **(Jpn)**

ANATOMY & HISTOLOGY

Liver perisinusoidal fibrosis in BB rats with or without overt diabetes. Bernuau D, et al. **Am J Pathol** 1985 Jul; 120(1):38–45

Umbilical vessels of spontaneously hypertensive rats. Scott JN, et al. **Anat Embryol (Berl)** 1984;170(3):289–94

Scanning electron microscopy of the rat exocrine pancreas. Takahashi H. **Arch Histol Jpn** 1984 Oct;47(4):387–404

Histology of the intrapulmonary veins in the albino Wistar rat, with special references to the pulmonary myocardium. Jarkovská D. **Folia Morphol (Praha)** 1985;33(2):175–80

Incidence, morphology, and ultrastructure of spontaneous thymoma--the most common neoplasm in W/Nhg rats. Murray AB, et al. **JNCI** 1985 Aug;75(2):369–79

Aging-related morphological changes in the main olfactory bulb of the Fischer 344 rat. Forbes WB. **Neurobiol Aging** 1984 Summer;5(2):93–9

[Morphological study of congenital osteopetrosis in op rats] Graf B. **Pathol Biol (Paris)** 1985 Feb;33(2):82–9 (Eng. Abstr.) **(Fre)**

[Types of neurons in the visual cortex of the rat, identified in Nissl- and deimpregnated Golgi preparations] Werner L, et al. **J Hirnforsch** 1985;26(2):173–86 (Eng. Abstr.) **(Ger)**

[3-dimensional ultrastructural characteristics of the cardiomyocytes of SHR strain rats with spontaneous genetic hypertension] Nepomniashchikh LM, et al. **Tsitol Genet** 1984 Sep–Oct;18(5):326–31 (Eng. Abstr.) **(Rus)**

BLOOD

Serum enzymes in the BB rat before and after onset of the overt diabetic syndrome. Scott FW, et al. **Clin Biochem** 1984 Aug;17(4):270–5

Vasopressin release in male and female rats: effects of gonadectomy and treatment with gonadal steroid hormones. Crofton JT, et al. **Endocrinology** 1985 Sep; 117(3):1195–200

Characterization and catabolism of rat very high density lipoproteins. Därr WH, et al. **J Lipid Res** 1985 Jun; 26(6):672–83

Composition of cholesterol esters in blood plasma of mouse, rat and rabbit. Akahori A, et al. **Jikken Dobutsu** 1985 Jan;34(1):77–80

Absence of therapeutic blood concentrations of tetracycline in rats after administration in drinking water. Porter WP, et al. **Lab Anim Sci** 1985 Feb;35(1):71–5

A rapid method for repeated collection of blood from the tail vein of rats. Stearns SM, et al. **Lab Anim Sci** 1984 Aug;34(4):395–6

Demonstration of the third kininogen in high and low molecular weight kininogens-deficient Brown Norway Katholiek rat. Hayashi I, et al. **Thromb Res** 1984 Dec 15;36(6):509–16

[Behavior of the principal blood coagulation parameters in rats with portacaval anastomosis] Molinatti M, et al. **Ann Osp Maria Vittoria Torino** 1983 Jan–Jun;26(1–6):164–71 (Eng. Abstr.) **(Ita)**

[Evaluation of hematochemical constants in the normal rat] Natale G, et al. **Ann Osp Maria Vittoria Torino** 1983 Jan–Jun;26(1–6):143–51 (Eng. Abstr.) **(Ita)**

EMBRYOLOGY

Study of fetal organ growth in Wistar rats from day 17 to 21. Schneidereit M. **Lab Anim** 1985 Jul;19(3):240–4

GENETICS

Correlation of Purkinje neuron depression and hypnotic effects of ethanol in inbred strains of rats. Johnson SW, et al. **Alcoholism (NY)** 1985 Jan–Feb;9(1):56–8

The current status of two sublines of the Roman High and Low Avoidance strains. Durcan MJ, et al. **Behav Genet** 1984 Nov;14(6):559–69

Genotypic differentiation of Roman selection lines did not 'disappear' with inbreeding. Hewitt JK, et al. **Behav Genet** 1984 Nov;14(6):571–7

Enzyme markers in inbred rat strains: genetics of new markers and strain profiles. Adams M, et al. **Biochem Genet** 1984 Aug;22(7–8):611–29

Structural basis for restriction-site polymorphism at the albumin locus in inbred strains of rats. Gal A, et al. **Biochem Genet** 1985 Apr;23(3–4):257–66

A comparison of warfarin resistance and liver microsomal vitamin K epoxide reductase activity in rats. MacNicoll AD. **Biochim Biophys Acta** 1985 May 29;840(1):13–20

The long-term fate of fresh and frozen orthotopic bone allografts in genetically defined rats. Bos GD, et al. **Clin Orthop** 1985 Jul–Aug;(197):245–54

A comparison of sister chromatid exchange frequencies in peripheral lymphocytes and bone marrow cells of Fischer 344 and Sprague-Dawley rats. Dearfield KL, et al. **Cytogenet Cell Genet** 1984;38(3):216–20

Class I, II and III major histocompatibility complex gene polymorphisms in BB rats. Buse JB, et al. **Diabetologia** 1984 Jul;27 Suppl:77–9

Outbred Sprague-Dawley rats from two breeders exhibit different incidences of neuroanatomical abnormalities affecting the primary cerebellar fissure. Ezerman EB, et al. **Exp Brain Res** 1985;59(3):625–8

Long-term effects of febrile convulsion on seizure susceptibility in P77PMC rat—resistant to acoustic stimuli but susceptible to kainate-induced seizures. Zhao DY, et al. **Exp Neurol** 1985 Jun;88(3):688–95

Genetic relationships between inbred strains of rats. An analysis based on genetic markers at 28 biochemical loci. Festing MF, et al. **Genet Res** 1984 Dec;44(3):271–81

Inheritance of adrenal phenylethanolamine N-methyltransferase activity in the rat. Stolk JM, et al. **Genetics** 1984 Nov;108(3):633–49

Development and characteristics of inbred strains of Dahl salt-sensitive and salt-resistant rats. Rapp JP, et al. **Hypertension** 1985 May–Jun;7(3 Pt 1):340–9

Factors that influence stroke in Dahl salt-sensitive rats. Werber AH, et al. **Hypertension** 1985 Jan–Feb;7(1):59–64

Class I and class II restriction pattern polymorphisms associated with independently derived RT1 haplotypes in inbred rats. Wettstein PJ, et al. **Immunogenetics** 1985;22(1):9–22

Incidence of pup killing and parental behavior in virgin female and male rats (Rattus norvegicus): differences between Wistar and Sprague-Dawley stocks. Jakubowski M, et al. **J Comp Psychol** 1985 Mar;99(1):93–7

Vasopressin-neurophysin II gene expression in the ovary: studies in Sprague-Dawley, Long-Evans and Brattleboro rats. Fuller PJ, et al. **J Endocrinol** 1985 Jun;105(3):317–21

Exploitation of genetic markers in laboratory animals—with specific reference to the rat. Yamada J. **Jpn J Med Sci Biol** 1985 Feb;38(1):27–31

Heritable differences in turning behavior of rats. Glick SD. **Life Sci** 1985 Feb 4;36(5):499–503

Structural variants of the alpha-fetoprotein gene in different inbred strains of rat. Gal A, et al. **MGG** 1984;195(1–2):153–8

The use of flexible film isolators in the production of genetically and microbiologically defined rats and mice. Peters AG. **Prog Clin Biol Res** 1985;181:39–42

Promotional effects of testosterone and dietary fat on prostate carcinogenesis in genetically susceptible rats. Pollard M, et al. **Prostate** 1985;6(1):1–5

Spontaneous autoimmune diabetes mellitus in the BioBreeding/Worcester rat. Like AA, et al. **Surv Synth Pathol Res** 1984;3(2):131–8 (48 ref.)

[Genetic rat models of hypertension] Zhu DL. **Sheng Li Ko Hsueh Chin Chan** 1985 Apr;16(2):105–9 (42 ref.) **(Chi)**

[The effects of rat selection and reproduction on learning ability in the offspring] Yamada T, et al. **Jikken Dobutsu** 1984 Oct;33(4):471–9 (Eng. Abstr.) **(Jpn)**

[Genetic aspects of the hormonal modification of stress reactivity. I. The prenatal effect of hydrocortisone on the reactivity of the hypophyseoadrenal system of adult August and Wistar strain rats and their 1st generation hybrids] Dygalo NN, et al. **Genetika (Moskva)** 1984 Dec;20(12):1974–80 (Eng. Abstr.) **(Rus)**

[Hybrid analysis of adrenocortical function in laboratory rats] Markel' AL. **Genetika (Moskva)** 1984 Aug;20(8):1279–88 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

The influence of physical exercise on growth and sexual maturation in young female rats. Erich WB, et al. **Growth** 1985 Spring;49(1):131–40

Effect of dietary fat on food intake, growth and body composition in rats. Oscai LB, et al. **Growth** 1984 Winter;48(4):415–24

Efficacy of a commercial rat feed & three other constituted diets in sustaining the body growth of rats. Mascarenhas C, et al. **Indian J Med Res** 1984 Aug;80:218–27

The effect of protein levels on the response of weanling rats to dietary pectin. Delorme CB, et al. **J Nutr** 1984 Oct;114(10):1797–806

Establishment of a colony of germfree spontaneously hypertensive rats. Kingsley TR, et al. **Prog Clin Biol Res** 1985;181:77–9

[Nutritional correction of an excess of unsaturated fatty acids in the body lipids of the growing rat] Guesnet P, et al. **Reprod Nutr Dev** 1984;24(4):387–403 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

The arrest of T cell maturation in spontaneously hypertensive rats with a deficient production of thymic factors. Takeichi N, et al. **Acta Pathol Jpn** 1985 Mar;35(2):351–60

Back-crossing F1 (BN X PVG) rats with the PVG strain gives hybrids with high natural killer (NK) cell activity. Klementsson H, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Aug;92(4):231–2

Comparison of immune status and 1,2-dimethylhydrazine induced tumorigenesis in brown—Norway and Fischer rats. Emphasis on splenic and colonic lymphocyte function. Locniskar M, et al. **Cancer Lett** 1985 Jan;25(3):311–23

The autoimmune response in active Heymann's nephritis in Lewis rats is regulated by T-lymphocyte subsets. de Heer E, et al. **Cell Immunol** 1985 May;92(2):254–64

Nonspecific lymphocyte responses in F344 and LEW rats: susceptibility to murine respiratory mycoplasmosis and examination of cellular basis for strain differences. Davis JK, et al. **Infect Immun** 1985 Jul;49(1):152–8

Allergenic properties of rat urine and pelt extracts. Lutsky I, et al. **J Allergy Clin Immunol** 1985 Feb;75(2):279–84

Comparison of rat fur, urine, saliva, and other rat allergen extracts by skin testing, RAST, and RAST inhibition. Walls AF, et al. **J Allergy Clin Immunol** 1985 Feb;75(2):242–51

Species specificity of nonimmunologic contact urticaria: guinea pig, rat, and mouse. Lahti A, et al. **J Am Acad Dermatol** 1985 Jul;13(1):66–9

The specific IgM response in rats genetically selected for high or low serum IgM level. Hirsch F, et al. **J Immunogenet** 1984 Oct–Dec;11(5–6):375–8

The nature of the defect in experimental allergic encephalomyelitis (EAE)-resistant Lewis (Le-R) rats. Driscoll BF, et al. **J Immunol** 1985 Mar;134(3):1567–70

Increased incidence of Ia antigen-bearing T lymphocytes in the spontaneously diabetic BB rat. Francfort JW, et al. **J Immunol** 1985 Mar;134(3):1577–82

Adoptive transfer of autoimmune diabetes mellitus in biobreeding/Worcester (BB/W) inbred and hybrid rats. Like AA, et al. **J Immunol** 1985 Mar;134(3):1583–7

Analysis of class I MHC antigens in the rat by monoclonal antibodies. Misra DN, et al. **J Immunol** 1985 Apr;134(4):2520–8

Immunoregulation in the rat: characteristics of a suppressor T cell that inhibits antigen-dependent cell proliferation. Sopori ML, et al. **J Immunol** 1985 Jul;135(1):80–6

Immune attack on pancreatic islet transplants in the spontaneously diabetic BioBreeding/Worcester (BB/W) rat is not MHC restricted. Weringer EJ, et al. **J Immunol** 1985 Apr;134(4):2383–6

Immunogenetic aspects of transplantation in the rat brain. Geyer SJ, et al. **Transplantation** 1985 Mar;39(3):244–7

[Cytolytic activity of macrophages from 5 strains of rats] Lagadec P, et al. **Pathol Biol (Paris)** 1985 Feb;33(2):107–10 (Eng. Abstr.) **(Fre)**

METABOLISM

Brain catecholamines in spontaneously hypertensive and DOCA-salt hypertensive rats. Fujino K. **Acta Med Okayama** 1984 Aug;38(4):325–40

The effect of age on ethanol metabolism and on the hypothermic and hypnotic responses to ethanol in the Fischer 344 rat. Ott JF, et al. **Alcoholism (NY)** 1985 Jan–Feb;9(1):59–65

Altered carnitine metabolism in spontaneously hypertensive rats. Foster KA, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):E183–6

Brown adipose tissue lipectomy leads to increased fat deposition in Osborne-Mendel rats. Moore BJ, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R231–5

The hepatic handling of sulfobromphthalein in aging Fischer-344 rats: in vivo and in vitro studies. Kanai S, et al. **Arch Gerontol Geriatr** 1985 Apr;4(1):73–85

Differential distribution and covalent binding of two labeled forms of methyl-CCNU in the Fischer 344 rat. Kramer RA, et al. **Cancer Chemother Pharmacol** 1985;14(2):150–5

Quantitative immunofluorescence of tyrosine hydroxylase in the adrenal medulla of spontaneously hypertensive rats. Nagatsu I, et al. **Experientia** 1985 Aug 15;41(8):1054–5

Enhanced metabolism of morphine in Octodon degus compared to Wistar rats. Letelier ME, et al. **Gen Pharmacol** 1984;15(5):403–6

Localization of enkephalins in adrenaline cells and the nerves innervating adrenaline cells in rat adrenal medulla. Pelto-Huikko M, et al. **Histochemistry** 1985;82(4):377–83

Angiotensinogen levels in the brain and cerebrospinal fluid of the genetically hypertensive rat. Healy DP, et al. **Hypertension** 1985 Sep–Oct;7(5):752–9

alpha 1-Adrenergic receptor binding in the spontaneously hypertensive rat. Pullen GL, et al. **Hypertension** 1985 May–Jun;7(3 Pt 1):333–9

Atrial natriuretic factor in Dahl rats. Atrial content and renal and aortic responses. Snajdar RM, et al. **Hypertension** 1985 Sep–Oct;7(5):775–82

Reduced levels of cardiac cAMP-dependent protein kinase in spontaneously hypertensive rat. Prashad N. **J Biol Chem** 1985 Aug 25;260(18):10125–31

Immunolocalization of copper-zinc superoxide dismutase. II. Rat. Thaete LG, et al. **J Histochem Cytochem** 1985 Aug;33(8):803–8

Decreased aldosterone receptor affinity in aortic cells from the Fischer 344 rat. Nichols NR, et al. **J Hypertens** 1983 Dec;1(4):393–7

Age-related changes in the molecular weight of hyaluronic acid from rat skin. Miyamoto I, et al. **Jikken Dobutsu** 1984 Oct;33(4):481–5

Compositional changes in brain lipids, especially cerebroside and gangliosides, of rats treated with methylmercury chloride. Ando S, et al. **Jpn J Exp Med** 1985 Feb;55(1):7–11

Effect of variations in dietary sodium intake on sodium excretion in mature rats. Brensilver JM, et al. **Kidney Int** 1985 Mar;27(3):497–502

Newborn and immature rat testes contain gonadotropin-releasing hormone (GnRH) receptors, and their testosterone production is stimulated by a GnRH agonist in vitro. Huhtaniemi IT, et al. **Mol Cell Endocrinol** 1985 Apr;40(1):41–4

UV-induced unscheduled DNA synthesis in fibroblasts of aging inbred rats. Vijg J, et al. **Mutat Res** 1985 Sep;146(2):197–204

Plasma alkaline phosphatase (ALP) in IS rats and its possible origin. Fujise H, et al. **Nippon Juigaku Zasshi** 1984 Oct;46(5):607–14

parathyroid hormone concentrations in maternal and fetal blood and in amniotic fluid from pregnant rats. Harada I, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):893–6

Disposition of [14C]2,3-dichloropropene in Fischer-344 rats after oral or intraperitoneal administration. Medinsky MA, et al. **Toxicol Lett** 1984 Oct;23(1):119–25

Carpipramine metabolism in the rat, rabbit and dog and in man after oral administration. Bieder A, et al. **Xenobiotica** 1985 May;15(5):421–35

Biotransformation of N-methylcyclobarbital in vivo in rabbit and rat. Miyano K, et al. **Xenobiotica** 1985 May;15(5):381–9

[Fructose utilization by hepatocytes isolated from fed obese fa/fa Zucker rats. Metabolic fate of fructose in the absence of the modulator] Serbource-Goguel N, et al. **Ann Nutr Metab** 1985;29(2):119–28 (Eng. Abstr.) **(Fre)**

[Effect of rearing conditions on nucleic acid synthesis in the brain of rats of different genotypes] Vitvitskaia LV, et al. **Biol Nauki** 1984;(8):26–31 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Pneumocystis carinii in germ-free rats [letter] Pifer LL. **J Infect Dis** 1984 Oct;150(4):619

Selective elimination of Enterobacteriaceae species from the digestive tract in mice and rats. Koopman JP, et al. **Z Versuchstierkd** 1984;26(5):197–204

PARASITOLOGY

Isolation and characteristics of small intestinal lamina propria cells from normal and nematode (Nippostrongylus brasiliensis)-infected rats. Befus AD, et al. **Int Arch Allergy Appl Immunol** 1984;75(4):345–50

Host specificity in eimerian coccidia: development of Eimeria vermiformis of the mouse, Mus musculus, in Rattus norvegicus. Rose ME, et al. **Parasitology** 1985 Jun;90 (Pt 3):557–63

[Relations between parasitism of the rat by Strongyloides ratti, female sex hormones and blood corticosterone] Bailenger J, et al. **Ann Parasitol Hum Comp** 1984;59(6):619–33 (Eng. Abstr.) **(Fre)**

PHYSIOLOGY

Isovolumetric performance of isolated ground squirrel and rat hearts at low temperature. Caprette DR, et al.

Am J Physiol 1984 Oct;247(4 Pt 2):R722-7

Hypergravity effects on litter size, nursing activity, prolactin, TSH, T3, and T4 in the rat. Megory E, et al. **Aviat Space Environ Med** 1984 Dec;55(12):1129-35

Genetically related rats with differences in hippocampal uptake of norepinephrine and maze performance. Low WC, et al. **Brain Res Bull** 1984 Jun;12(6):703-9

Catecholamine-synthesizing enzymes in paraganglia of aged Fischer-344 rats. Immunohistochemistry and fluorescence microscopy. Partanen M, et al. **Cell Tissue Res** 1984; 238(2):217-20

Reduced venoconstrictor reserve in spontaneously hypertensive rats subjected to hemorrhagic stress. Burke MJ, et al. **Circ Shock** 1984;14(1):25-37

Accelerated natriuresis induced by synthetic atrial natriuretic polypeptide in spontaneously hypertensive rats. Kihara M, et al. **Clin Exp Hypertens [A]** 1985;7(4):539-51

In vivo DNA synthesis in the dietary restricted long-lived rat. Merry BJ, et al. **Exp Gerontol** 1985;20(1):15-28

Renal response to acute saline loading in Sabra hypertension-prone and -resistant rats. Mekler J, et al. **Experientia** 1985 Jul 15;41(7):923-4

Relationship of body-weight gain to longevity and to risk of development of nephropathy and neoplasia in Sprague-Dawley rats. Turnbull GJ, et al. **Food Chem Toxicol** 1985 Mar;23(3):355-61

Facilitated secretion of pressor amounts of vasopressin in spontaneously hypertensive rats. Iriuchijima J. **Hiroshima J Med Sci** 1984 Dec;33(4):571-5

A potential model for a human disease: spontaneous cardiomyopathy-congestive heart failure in SHR/N-cp rats. Ruben Z, et al. **Hum Pathol** 1984 Oct;15(10):902-3

Cerebral autoregulation in young spontaneously hypertensive rats. Effect of sympathetic denervation. Sadoshima S, et al. **Hypertension** 1985 May-Jun;7(3 Pt 1):392-7

Is the hypertensive rat really hyperreactive? Sutterer JR, et al. **Hypertension** 1984 Nov-Dec;6(6 Pt 1):868-76

In vitro studies on responses to noradrenaline, serotonin, and potassium of intramyocardial and mesenteric resistance vessels from Wistar rats. Nyborg NC, et al. **J Cardiovasc Pharmacol** 1985 May-Jun;7(3):417-23

Microcalorimetry and electrophoresis of the erythrocyte membrane of spontaneously hypertensive rats. Gulak PV, et al. **J Hypertens** 1984 Feb;2(1):81-4

Effects of sinoaortic baroreceptor denervation on blood pressure and PNMT activity in medulla oblongata and spinal cord of normotensive and genetically hypertensive rats. Minson JB, et al. **J Hypertens** 1985 Feb;3(1):81-7

DOCA-salt induced malignant hypertension in spontaneously hypertensive rats. Sesoko S, et al. **J Hypertens** 1984 Feb;2(1):49-54

Enhanced sympathetic-adrenal medullary response to cold exposure in spontaneously hypertensive rats. Yamori Y, et al. **J Hypertens** 1985 Feb;3(1):63-6

Antihypertensive effect of riboflavin analogues in spontaneously hypertensive rats. Trachewsky D, et al. **J Lab Clin Med** 1985 Aug;106(2):223-8

Blood volume in the rat. Lee HB, et al. **J Nucl Med** 1985 Jan;26(1):72-6

Chemosensory recognition of mouse major histocompatibility types by another species. Beauchamp GK, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4186-8

Effect of perinatal hypercapnia on the adult ventilatory response to carbon dioxide. Birchard GF, et al. **Respir Physiol** 1984 Sep;57(3):341-7

Respiratory functional changes on intratracheal challenge of sensitized rats. Carswell F, et al. **Respiration** 1985; 47(2):138-50

Interactions of salicylate, dietary zinc, and genetic strain in teratogenesis in rats. Hackman RM, et al. **Teratology** 1984 Oct;30(2):225-36

[Various aspects of the management and reproduction of spontaneously diabetic BB rats] Klöting I, et al. **Z Versuchstierkd** 1985;27(1):5-11 (Eng. Abstr.) **(Ger)**

[Influence of blood pressure control on delivery in pregnant rats in a warm environment] Fujita S, et al. **Jikken Dobutsu** 1984 Jul;33(3):283-9 (Eng. Abstr.) **(Jpn)**

[Effect of sodium pentobarbital on the number of ova shed in superovulation treated adult rats: relationship between the number of ova shed and dose of GTHs] Kagabu S. **Jikken Dobutsu** 1984 Oct;33(4):497-9 (Eng. Abstr.) **(Jpn)**

[The effect of the age factor on open-field behavior in rats] Tanaka K, et al. **Jikken Dobutsu** 1984 Jul;33(3):297-305 (Eng. Abstr.) **(Jpn)**

[Development of a photoperiod-controllable clean rack for rats: circadian rhythms of water intake and blood corticosterone levels] Torii R, et al. **Jikken Dobutsu** 1985 Jan;34(1):57-62 (Eng. Abstr.) **(Jpn)**

[Enhanced resistance of the myocardium to stress injury and excess calcium in spontaneously hypertensive rats] Katkova LS. **Biull Eksp Biol Med** 1985 Apr;99(4):413-5 (Eng. Abstr.) **(Rus)**

[Action potential conduction velocity along the caudal and tibial nerves in rat strains selected for excitability of the neuromuscular system] Vaido AI, et al. **Genetika (Moskva)** 1985 Feb;21(2):262-4 (Eng. Abstr.) **(Rus)**

URINE

Increased o- and p-cresol/hippuric acid ratios in the urine of four strains of rat exposed to toluene at thousands-ppm levels. Inoue O, et al. **Toxicol Lett** 1984 Nov;23(2):249-57

RATS, INBRED WF see under **RATS, INBRED STRAINS**

RATS, INBRED WKY see under **RATS, INBRED STRAINS**

RATS, LABORATORY see **RATS**

RATS, MUTANT STRAINS

Revitalization of the AA and ANA rat lines: effects on some line characteristics. Hilakivi L, et al. **Alcohol** 1984 Jan-Feb; 1(1):71-5

Spontaneous nephrotic syndrome in a genetic rat model. Abramowsky CR, et al. **Am J Pathol** 1984 Dec;117(3):400-8

Spontaneous arthritis in nude rats of Rowett hooded strain. Machii K, et al. **Jikken Dobutsu** 1985 Jan;34(1):89-93

Rats with congenital tremor and curled whiskers and hair. Yamada J, et al. **Jikken Dobutsu** 1985 Apr;34(2):183-8

Morphologic characteristics of the skin of bald mutant rats. Inazu M, et al. **Lab Anim Sci** 1984 Dec;34(6):584-7

Spontaneous Tyzzer's disease in nude rats. Furuta T, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):941-4

The borderline hypertensive rat (BHR): a new model for the study of environmental factors in the development of hypertension. Lawler JE, et al. **Pavlov J Biol Sci** 1985 Jul-Sep;20(3):101-15

[Strains of human gastrointestinal and uterine tumors transplantable into athymic mice and rats] Revazova ES, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):71-3 (Eng. Abstr.) **(Rus)**

[Spontaneous tumors in athymic rats] Solov'ev IuN, et al. **Biull Eksp Biol Med** 1985 May;99(5):603 (Eng. Abstr.) **(Rus)**

ANATOMY & HISTOLOGY

Evidence against an abnormal hepatic microsomal lipid matrix as the primary genetic defect in the jaundiced Gunn rat. Whitington PF, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):774-8

Immunocytochemical studies of the peptidergic innervation of the thyroid gland in the Brattleboro rat. Hedge GA, et al. **Endocrinology** 1984 Dec;115(6):2071-6

Biphasic diameter distribution of adipocytes from lean and obese rats. Rogers KL, et al. **Growth** 1984 Autumn; 48(3):331-8

BLOOD

Abnormal megakaryocytopoiesis in the Belgrade laboratory rat. Rolovic Z, et al. **Blood** 1985 Jan;65(1):60-4

Increased sensitivity to somatostatin in obese Zucker rats. Bender H, et al. **Clin Physiol Biochem** 1985;3(1):1-7

Fasting induces the generation of serum thyronine-binding globulin in Zucker rats. Young RA, et al. **Endocrinology** 1985 Apr;116(4):1248-52

GENETICS

Brain and liver insulin binding is decreased in Zucker rats carrying the 'fa' gene. Figlewicz DP, et al. **Endocrinology** 1985 Oct;117(4):1537-43

Genotype identification of 10-day old Zucker rats by lipid content of inguinal fat pad. de Waziers I, et al. **Int J Obes** 1985;9(1):21-4

Vasopressin-neurophysin II gene expression in the ovary: studies in Sprague-Dawley, Long-Evans and Brattleboro rats. Fuller PJ, et al. **J Endocrinol** 1985 Jun;105(3):317-21

Genetics of the fawn-hooded rat strain. The coat color dilution and platelet storage pool deficiency are pleiotropic effects of the autosomal recessive red-eyed dilution gene. Prieur DJ, et al. **J Hered** 1984 Sep-Oct;75(5):349-52

Characteristics of a new hairless mutation (bald) in rats. Inazu M, et al. **Lab Anim Sci** 1984 Dec;34(6):577-83

Stimulation of tubular reabsorption of magnesium and calcium by antidiuretic hormone in conscious rats. Study in Brattleboro rats with hereditary hypothalamic diabetes insipidus. Bouby N, et al. **Pflugers Arch** 1984 Dec; 402(4):458-64

IMMUNOLOGY

Immune responses to Legionella pneumophila in athymic nude rats. Rolstad B. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Oct; 92(5):233-6

Natural killer (NK) cell cytotoxicity in athymic (nude) rats. Grzelak I, et al. **Arch Immunol Ther Exp (Warsz)** 1984; 32(5):549-56

Time course of islet cell antibodies in diabetic and nondiabetic BB rats. Laborie C, et al. **Diabetes** 1985 Sep;34(9):904-10

Type I diabetes of man and the BB rat: monoclonal antibody-defined T-cell abnormalities. Jackson RA, et al. **Diagn Immunol** 1983;1(3):240-4

Natural killer cell profile of two random-bred strains of athymic rats. Lotzová E, et al. **Exp Hematol** 1984 Sep; 12(8):633-40

Serum transfer of collagen arthritis in congenitally athymic nude rats. Takagishi K, et al. **J Immunol** 1985 Jun; 134(6):3864-7

Rat monoclonal antibodies. III. A simple method for facilitation of hybridoma cell growth in vivo. Hirsch F, et al. **J Immunol Methods** 1985 Apr 8;78(1):103-8

METABOLISM

Osmoregulation and vasopressin secretion during pregnancy in Brattleboro rats. Barron WM, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):R29-37

Dynamics of pancreatic insulin release in young Zucker rats: a heterozygote effect. Blonz ER, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):E188-93

Exogenous vasopressin reverses hyperactivity in the hypothalamus of Brattleboro rats. Krukoff TL, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R932-5

Oxygen consumption and oxidative capacity of muscles from young obese and nonobese Zucker rats. Wardlaw GM, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R911-7

Insulin-sensitive phosphodiesterase and insulin receptor binding in fat cells from spontaneously obese rats. Suzuki T, et al. **Diabetologia** 1985 May;28(5):286-90

Pituitary binding of vasopressin is altered by experimental manipulations of the hypothalamo-pituitary-adrenocortical axis in normal as well as homozygous (di/di) Brattleboro rats. Antoni FA, et al. **Endocrinology** 1985 Oct; 117(4):1293-9

The action of anoxia and cyanide on glycogen breakdown in the liver of the gsd/gsd rat. Conaglen JV, et al. **Eur J Biochem** 1984 Dec 3;145(2):323-7

Hereditary chronic conjugated hyperbilirubinemia in mutant rats caused by defective hepatic anion transport. Jansen PL, et al. **Hepatology** 1985 Jul-Aug;5(4):573-9

Gastric inhibitory polypeptide and hyperinsulinemia in the Zucker (fa/fa) rat: a developmental study. Chan CB, et al. **Int J Obes** 1985;9(2):137-46

Alterations in skeletal muscle proteins in obese and nonobese rats. Lanza-Jacoby S, et al. **Int J Obes** 1984;8(5):451-6

Rates of protein synthesis and degradation in Gunn rat cerebellum with bilirubin-induced cerebellar hypoplasia. Katoh-Semba R, et al. **Neurochem Pathol** 1984 Spring; 2(1):31-7

Hormonal and lipogenic and gluconeogenic enzymatic responses in LA/N-corpulent rats. Ellwood KC, et al. **Proc Soc Exp Biol Med** 1985 Jun;179(2):163-7

[Fructose utilization by hepatocytes isolated from fed obese fa/fa Zucker rats. Metabolic fate of fructose in the absence of the modulator] Serbource-Goguel N, et al. **Ann Nutr Metab** 1985;29(2):119-28 (Eng. Abstr.) **(Fre)**

PHYSIOLOGY

Scapular brown fat removal enhances development of adiposity in cold-exposed obese Zucker rats. Stern JS, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R918-26

Mineral and matrix alterations in the bones of incisors-absent (ia/ia) osteopetrotic rats. Boskey AL, et al. **Calcif Tissue Int** 1985 May;37(3):287-92

The morphology and antihypertensive effect of renomedullary interstitial cells derived from Dahl sensitive and resistant rats. Pitcock JA, et al. **Exp Mol Pathol** 1985 Feb;42(1):29-43

Hypothalamo-pituitary regulation of thyrotrophin secretion in chronically catheterized Brattleboro rats. Wolf BA, et al. **J Endocrinol** 1985 May;105(2):277-83

Effects of sinoaortic baroreceptor denervation on blood pressure and PNMT activity in medulla oblongata and spinal cord of normotensive and genetically hypertensive rats. Minson JB, et al. **J Hypertens** 1985 Feb;3(1):81-7

Ventricular fibrillation and the Brattleboro rat. Guideri G, et al. **J Mol Cell Cardiol** 1985 Jul;17(7):717-20

Body temperature of huddling newborn Zucker rats. Schmidt I, et al. **Pflugers Arch** 1984 Aug;401(4):418-20

A paradox in development: masculinization of the brain without androgen receptors. Shapiro BH. **Prog Clin Biol Res** 1985;171:151-73

RATS, NORWAY see **RATS**

RATS, SPRAGUE-DAWLEY see **RATS, INBRED STRAINS**

RATS, WISTAR see **RATS, INBRED STRAINS**

RATS, ZUCKER see under **RATS, MUTANT STRAINS**

RATTLESNAKE VENOMS see **CROTALID VENOMS**

RATTUS see **MURIDAE**

RATTUS NORVEGICUS see **RATS**

RAUSCHER VIRUS

ANALYSIS

Quantitative separation of murine leukemia virus proteins by reversed-phase high-pressure liquid chromatography reveals newly described gag and env cleavage products. Henderson LE, et al. **J Virol** 1984 Nov;52(2):492-500

ENZYMOLOGY

Characterization of a p30 fraction from Rauscher leukemia virus which has an associated ATPase activity. Meric AL 3d, et al. **J Biol Chem** 1984 Oct 25;259(20):12865-72

GENETICS

Stimulation of Rauscher leukemia virus DNA polymerase

DNA-directed DNA synthesis by cationic trypanocides and polyamines. Marcus SL, et al. **Cancer Res** 1985 Jan; 45(1):112-5

Immunoglobulin synthesis and gene rearrangements in lymphoid cells transformed by replication-competent Rauscher murine leukemia virus: transformation of B cells at various stages of differentiation. Balachandran R, et al. **EMBO J** 1984 Dec 20;3(13):3199-207

Chromosomal assignment of two murine genes controlling susceptibility to spleen focus formation by Rauscher leukemia virus. Heller E, et al. **Exp Hematol** 1984 Sep; 12(8):645-9

Molecular cloning of Rauscher spleen focus-forming virus and biological properties of the cloned virus. Hess N, et al. **J Gen Virol** 1984 Dec;65 (Pt 12):2225-35

A weakly pathogenic Rauscher spleen focus-forming virus mutant that lacks the carboxyl-terminal membrane anchor of its envelope glycoprotein. Machida CA, et al. **J Virol** 1985 Mar;53(3):990-3

Envelope gene and long terminal repeat determine the different biological properties of Rauscher, Friend, and Moloney mink cell focus-inducing viruses. Vogt M, et al. **J Virol** 1985 Jul;55(1):184-92

[Activation of cellular genes as affected by Rauscher leukemia virus] Smirnova IA, et al. **Eksp Onkol** 1984; 6(6):31-3 (Eng. Abstr.) **(Rus)**

PATHOGENICITY

[Persistence of M. arthritidis and the Rauscher leukemia virus in a mixed Mycoplasma-viral infection in mice] Rakovskaia IV. **Vestn Akad Med Nauk SSSR** 1985;(3):32-8 (Eng. Abstr.) **(Rus)**

RAUWOLFIA ALKALOIDS

PHARMACODYNAMICS

Fluorescence histochemical studies of the effects of rauwolfia alkaloid derivatives on adrenergic vasomotor nerves. Shibuya T, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jan;23(1):5-10

[Studies on enhancement of sensitivity to vinblastine by rauwolfia alkaloids] Miyamoto K, et al. **Yakugaku Zasshi** 1984 Dec;104(12):1295-300 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

Role of drugs in recovery of metabolic function of rat brain following severe hypoglycemia. Benzi G, et al. **Neurochem Res** 1984 Jul;9(7):979-92

RAYNAUD'S DISEASE

Raynaud's phenomenon. Glasgow, 9 November 1984. Abstracts. **Scott Med J** 1985 Apr;30(2):119-24

BLOOD

Lower plasma levels of some gastrointestinal peptides in Raynaud's disease. Influence of transcutaneous nerve stimulation. Kaada B, et al. **Gen Pharmacol** 1985; 16(2):153-6

Increased prostacyclin metabolites and decreased red cell deformability in patients with systemic sclerosis and Raynaud's syndrome. Belch JJ, et al. **Prostaglandins Leukotrienes Med** 1985 Jun;18(3):401-2

[Platelet aggregation and Raynaud's phenomenon] Soro P, et al. **Angiologia** 1985 Jan-Feb;37(1):13-7 (Eng. Abstr.) **(Spa)**

CHEMICALLY INDUCED

Raynaud's phenomenon of a single digit following local intradermal bleomycin sulfate injection. Smith EA, et al. **Arthritis Rheum** 1985 Apr;28(4):459-61

Bleomycin-induced Raynaud's phenomenon and acral sclerosis. Snauwaert J, et al. **Dermatologica** 1984; 169(4):172-4

[Raynaud's phenomenon after chemotherapy. Apropos of 3 cases] Adoue D, et al. **Ann Dermatol Venereol** 1985; 112(2):151-5 (Eng. Abstr.) **(Fre)**

COMPLICATIONS

Raynaud's phenomenon progressing to gangrene after vincristine and bleomycin therapy. Elomaa I, et al. **Acta Med Scand** 1984;216(3):323-6

Paroxysmal dysarthria and Raynaud's phenomenon in the tongue. Nielsen HV, et al. **Acta Med Scand** 1984; 216(4):431-2

Clinical and serological comparison of 17 chronic progressive systemic sclerosis (PSS) and 17 CREST syndrome patients matched for sex, age, and disease duration. Furst DE, et al. **Ann Rheum Dis** 1984 Dec;43(6):794-801

Raynaud's phenomenon complicated by recurrent brain infarction. Levy A, et al. **Headache** 1984 Sep;24(5):256-8

Toxoplasmosis associated with digital vasculitis and immunodeficiency—a dilemma in diagnosis. Ellis ME, et al. **Postgrad Med J** 1984 Sep;60(707):616-7

Raynaud's syndrome and carpal tunnel syndrome. Waller DG, et al. **Postgrad Med J** 1985 Feb;61(712):161-2

Lung function tests in connective tissue diseases associated with Raynaud's phenomenon. Ploysongsang Y, et al. **Respiration** 1984;46(2):222-30

Coexistence of severe palmo-plantar Dupuytren's contracture, Raynaud's phenomenon and digital joint erosions. Manger B, et al. **Rheumatol Int** 1985;5(2):95-6

[Raynaud's disease accompanying adult celiac disease] Lieberman D, et al. **Harefuah** 1984 Oct;107(7-8):184-5 (Eng. Abstr.) **(Heb)**

[Considerations on a rare case of C.R.E.S.T. syndrome] Taricco MT, et al. **Minerva Med** 1984 Sep 8;75(34):1965-7 (Eng. Abstr.) **(Ita)**

[A case of systemic sclerosis in childhood complicated by severe digital ulcers] Falcini F, et al. **Pediatr Med Chir** 1984 Sep-Oct;6(5):703-7 (Eng. Abstr.) **(Ita)**

[A case of primary biliary cirrhosis complicated with CRST syndrome] Moriyama M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May; 82(5):1398-401 **(Jpn)**

[Sarcoidosis and Raynaud's phenomenon (letter)] Genescá J, et al. **Med Clin (Barc)** 1984 Jun 2;83(1):41 **(Spa)**

DIAGNOSIS

Photoplethysmography of the distal pulp in the assessment of the vasospastic hand. Cooke ED, et al. **Angiology** 1985 Jan;36(1):33-40

Microvascular abnormalities as possible predictors of disease subsets in Raynaud phenomenon and early connective tissue disease. Maricq HR, et al. **Clin Exp Rheumatol** 1983 Jul-Sep;1(3):195-205

Plasma beta-thromboglobulin in the differential diagnosis of Raynaud's phenomenon. Seibold JR, et al. **J Rheumatol** 1985 Feb;12(1):99-103

Infrared and ELC thermography in the assessment of the digital rewarming curve after a Finger-Cooling test. A preliminary report. Belcaro G, et al. **Panminerva Med** 1985 Jan-Mar;27(1):33-8

Two cases of atypical digital vasospasm. Gutnik LM, et al. **SD J Med** 1985 May;38(5):15-6

[Diagnosis and therapy of the acral ischemia syndrome] Schütter FW, et al. **Dtsch Med Wochenschr** 1985 Sep 20; 110(38):1463-8 **(Ger)**

[Role of digital photoplethysmography and Doppler study in the diagnosis of functional disorders of the microcirculation] Soro P, et al. **Angiologia** 1985 May-Jun; 37(3):111-9 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Nifedipine in the treatment of Raynaud's phenomenon. Evidence for inhibition of platelet activation. Malamet R, et al. **Am J Med** 1985 Apr;78(4):602-8

Treatment of Raynaud's phenomenon with calcium channel blockers. Smith CR, et al. **Am J Med** 1985 Feb 22; 78(2B):39-42

Alpha and beta-blockade and beta-stimulation in Raynaud's syndrome: a double-blind, placebo controlled, single dose study. Cléophas TJ, et al. **Angiology** 1985 Apr;36(4):219-25

Therapeutic efficacy of alpha-adrenoceptor blockade in primary and secondary Raynaud's syndrome. Cleophas TJ, et al. **Angiology** 1984 Nov;35(11):719-23

A randomised double-blind trial of diltiazem in the treatment of Raynaud's phenomenon. Kahan A, et al. **Ann Rheum Dis** 1985 Jan;44(1):30-3

Selection of vasodilator therapy for severe Raynaud's phenomenon by sequential arterial infusion. Russell IJ, et al. **Ann Rheum Dis** 1985 Mar;44(3):151-4

Raynaud's disease. Burns EC, et al. **Arch Dis Child** 1985 Jun; 60(6):537-41

Effects of beta-adrenoreceptor-blocking drugs in patients with Raynaud's phenomenon. Coffman JD, et al. **Circulation** 1985 Sep;72(3):466-70

Effect of nifedipine in Raynaud's disease: a case report. Maguire FW. **Del Med J** 1984 Jul;56(7):393-8

Effect of dazoxiben, a thromboxane synthetase inhibitor on skin-blood flow following cold challenge in patients with Raynaud's phenomenon. Tindall H, et al. **Eur J Clin Invest** 1985 Feb;15(1):20-3

A double blind trial of UK-38,485, an orally active thromboxane synthetase inhibitor, in the treatment of Raynaud's syndrome. Rustin MH, et al. **Eur J Clin Pharmacol** 1984;27(1):61-5

Nifedipine treatment of Raynaud's phenomenon in a paediatric age. Matucci Cerinic M, et al. **Int J Clin Pharmacol Res** 1985;5(1):67-9

Microcirculatory changes in patients with primary Raynaud's phenomenon after treatment with buflomedil. Jacobs MJ, et al. **Int J Microcirc Clin Exp** 1985;4(1):63-8

Ketanserin (5 HT2-antagonist) in secondary Raynaud's phenomenon [letter] Bounameaux HM, et al. **J Cardiovasc Pharmacol** 1984 Sep-Oct;6(5):975-6

Prazosin treatment of Raynaud's phenomenon: a double blind single crossover study. Russell IJ, et al. **J Rheumatol** 1985 Feb;12(1):94-8

Double-blind trial of CL115,347, a transdermally absorbed prostaglandin E2 analogue, in treatment of Raynaud's phenomenon. Belch JJ, et al. **Lancet** 1985 May 25; 1(8439):1180-3

Treatment of childhood Raynaud's disease by transdermal prostaglandin E2 analogue [letter] Dunger DB, et al. **Lancet** 1985 Jul 6;2(8445):50

Pharmacologic management of Raynaud's phenomenon. Day TW, et al. **South Med J** 1984 Sep;77(9):1160-4 (49 ref.)

Blood viscosity, finger systolic pressure and effect of dazoxiben treatment in primary vasospastic disease. Sandhagen B, et al. **Ups J Med Sci** 1984;89(3):213-9

Topical nitroglycerin ointment in Raynaud's phenomenon. Fischer M, et al. **Z Kardiol** 1985 May;74(5):298-302

[Raynaud's disease treated with captopril (Capoten). A randomized double-blind cross-over study] Madsen JL, et al. **Ugeskr Laeger** 1984 Sep 3;146(36):2695-7 (Eng. Abstr.) **(Dan)**

[Vital capillary microscopic examination and transcutaneous pO2-measurements by intravenous prostaglandin E1 infusion] Heidrich H, et al. **Dtsch Med Wochenschr** 1985 Aug 23;110(34):1283-5 (Eng. Abstr.) **(Ger)**

[Treatment of Raynaud's phenomenon in scleroderma with a new stable prostacyclin derivative] Keller J, et al. **Dtsch Med Wochenschr** 1984 Sep 21;109(38):1433-8 (Eng. Abstr.) **(Ger)**

[Hemorheological, hemocoagulation and photoplethysmographic changes induced by the administration of pentoxifylline in patients with Raynaud's disease] Macchione C, et al. **Minerva Med** 1985 Jul 31; 76(30-31):1401-5 (Eng. Abstr.) **(Ita)**

[Corinfar in the treatment of Raynaud's syndrome in systemic scleroderma (preliminary results)] Shcherbakov AB, et al. **Ter Arkh** 1985;57(5):141-4 (Eng. Abstr.) **(Rus)**

[Sympatholytic effect of intra-arterial reserpine in sclerodermia and Raynaud's disease] Acevedo A, et al. **Rev Med Chil** 1984 Jun;112(6):553-8 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Occlusive digital artery disease in patients with Raynaud's phenomenon. Zweifler AJ, et al. **Am J Med** 1984 Dec; 77(6):995-1001

Raynaud's phenomenon with oral manifestation in systemic lupus erythematosus. da Cunha Bang F, et al. **Dermatologica** 1985;170(5):263-4

Preliminary evaluation of dose-effect relationships for vibration induced white finger in Japan. Futatsuka M, et al. **Int Arch Occup Environ Health** 1984;54(3):201-21

Vibration syndrome in chipping and grinding workers. **J Occup Med** 1984 Oct;26(10):765-88 (66 ref.)

Systemic autoimmune disease and Raynaud's phenomenon [letter] Cleophas AJ. **Neth J Med** 1985;28(3):142-3

Systemic autoimmune disease and Raynaud's phenomenon: a common, immunologically mediated, vascular basis? Kallenberg CG, et al. **Neth J Med** 1984;27(9):322-6

Evaluation of the patient with Raynaud's phenomenon. Coffman JD. **Postgrad Med** 1985 Aug;78(2):175-7, 180-3

[Raynaud's phenomenon among vibrating tool operators in Sichuan Province] **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Mar;18(2):95-7 (Eng. Abstr.) **(Chi)**

[Mycoplasma pneumoniae infection. Manifestation in a 3-year-old child by Raynaud's phenomenon] Furioli J, et al. **Arch Fr Pediatr** 1985 Apr;42(4):313-4 (Eng. Abstr.) **(Fre)**

[Retroperitoneal fibrosis and generalized scleroderma] Cochat P, et al. **Nephrologie** 1985;6(1):27-30 (Eng. Abstr.) **(Fre)**

[Vasospastic syndrome in a young women with migraine, Raynaud's disease, cerebral ischemia and myocardial infarction] Lüthi R, et al. **Schweiz Med Wochenschr** 1984 Oct 20;114(42):1465-9 (Eng. Abstr.) **(Ger)**

[Vibration hazards in quarry workers] Sakakibara H, et al. **Sangyo Igaku** 1984 Mar;26(2):170-6 (Eng. Abstr.) **(Jpn)**

[Viscosity and osmotic pressure of whole blood in workers exposed to occupational hazards (mainly mechanical vibration and noise)] Turczyński B, et al. **Pol Tyg Lek** 1984 Apr 9;39(15):497-500 (Eng. Abstr.) **(Pol)**

[Evaluation of total vibration load and various medico-biological factors for predicting the time of onset of vibration disease in miners] Balan GM, et al. **Gig Tr Prof Zabol** 1984 Oct;(10):13-6 (Eng. Abstr.) **(Rus)**

[Pathogenesis of Raynaud's phenomenon, disease and syndrome] Bartolo M, et al. **Angiologia** 1985 Jul-Aug; 37(4):161-70 (Eng. Abstr.) **(Spa)**

[Are infrared rays a cause of white fingers?] Eklund LT. **Lakartidningen** 1984 Sep 12;81(37):3229 **(Swe)**

FAMILIAL & GENETIC

Miscellaneous clinical case reports in twins. Gedda L, et al. **Acta Genet Med Gemellol (Roma)** 1984;33(3):505-8

IMMUNOLOGY

Association between fluorescent antinuclear antibodies, capillary patterns, and clinical features in scleroderma spectrum disorders. Chen ZY, et al. **Am J Med** 1984 Nov; 77(5):812-22

Immunologic abnormalities in idiopathic Raynaud's phenomenon. Moutsopoulos HM, et al. **Clin Exp Rheumatol** 1983 Jan-Mar;1(1):45-8

[Anti-collagen IV antibodies in patients with scleroderma and idiopathic Raynaud's phenomenon] Gabrielli A, et al. **Recenti Prog Med** 1985 Jan;76(1):21-2 (Eng. Abstr.) **(Ita)**

[Clinico-immunological characteristics of systemic lupus erythematosus with Raynaud and Sjögren's syndromes (report I)] Nasonova VA, et al. **Ter Arkh** 1985;57(5):94-8 (Eng. Abstr.) **(Rus)**

[Raynaud's phenomenon and anti-centromeric antibodies (letter)] Marquet R, et al. **Med Clin (Barc)** 1984 Jun 16;

83(3):129-30 (Spa)

METABOLISM

Increased prostacyclin metabolites and decreased red cell deformability in patients with systemic sclerosis and Raynauds syndrome. Belch JJ, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):1-9

OCCURRENCE

Epidemiological studies of vibration disease due to brush saw operation. Futatsuka M. **Int Arch Occup Environ Health** 1984;54(3):251-60

[Epidemiology of arteriopathies of the upper extremities in a rural and industrial population of males in northern Bohemia] Bazika V, et al. **Cas Lek Cesk** 1985 Mar 8; 124(10):303-7 (Eng. Abstr.) **(Cze)**

[Vibration-induced white fingers in the automobile industry. A questionnaire study] Vestbo J, et al. **Ugeskr Laeger** 1985 Apr 29;147(18):1513-5 (Eng. Abstr.) **(Dan)**

PATHOLOGY

Decreased nailfold capillary density in Raynaud's phenomenon: a reflection of immunologically mediated local and systemic vascular disease? Houtman PM, et al. **Ann Rheum Dis** 1985 Sep;44(9):603-9

Relationship between nailfold capillary microscopy and salivary capillary basement membrane width in Raynaud's disease and progressive systemic sclerosis. DeBure C, et al. **J Rheumatol** 1985 Apr;12(2):279-82

[Capillary microscopy of the nail fold in Raynaud's phenomenon. Use in the early diagnosis of scleroderma] Rivera Redondo J, et al. **Rev Clin Esp** 1985 Jun;177(1):7-10 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Left ventricular function at rest and during Raynaud's phenomenon in patients with scleroderma. Siegel RJ, et al. **Am Heart J** 1984 Dec;108(6):1469-76

Raynaud's phenomenon: pathophysiologic features and treatment with calcium-channel blockers. Smith CR, et al. **Am J Cardiol** 1985 Jan 25;55(3):154B-157B (23 ref.)

Pulmonary vascular response during Raynaud's phenomenon in progressive systemic sclerosis. Shuck JW, et al. **Am J Med** 1985 Feb;78(2):221-7

Influence of the menstrual cycle on Raynaud's phenomenon and on cold tolerance in normal women. Terregino CA, et al. **Angiology** 1985 Feb;36(2):88-95

Prostaglandin E1 vasospastic disease and thermography. Kyle V, et al. **Ann Rheum Dis** 1985 Feb;44(2):73-8

Evolution of primary Raynaud's phenomenon (Raynaud's disease) to connective tissue disease. Gerbracht DD, et al. **Arthritis Rheum** 1985 Jan;28(1):87-92

Comparison of the hunting reaction in normals and individuals with Raynaud's disease. Jobe JB, et al. **Aviat Space Environ Med** 1985 Jun;56(6):568-71

Sympathetic outflow to the hand in patients with Raynaud's phenomenon. Fagius J, et al. **Cardiovasc Res** 1985 May; 19(5):249-53

Effects of ketanserin on peripheral blood flow, haemorheology, and platelet function in patients with Raynaud's phenomenon. Longstaff J, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S99-101

Serotonin and Raynaud's phenomenon. Seibold JR. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S95-8 (15 ref.)

[Pathophysiological classification of Raynaud's syndrome] Kristensen JK, et al. **Ugeskr Laeger** 1984 May 28; 146(22):1619-21 (Eng. Abstr.) **(Dan)**

[Esophageal motility, systemic scleroderma and Raynaud's phenomenon] Gosselin A. **Gastroenterol Clin Biol** 1985 Feb; 9(2):127-9 **(Fre)**

[Esophageal motility in Raynaud's disease, systemic scleroderma and prescleroderma1 Raynaud's syndrome] Hostein J, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):130-5 (Eng. Abstr.) **(Fre)**

[Raynaud's phenomenon, laser Doppler, isothermal chamber. Exploration of normal and pathologic subjects] Boccalon H, et al. **J Mal Vasc** 1985;10(1):11-6 (Eng. Abstr.) **(Fre)**

[Esophageal motor changes in patients with Raynaud's phenomenon and suspected scleroderma. Electromanometric and serologic evaluations] Benevento A, et al. **Minerva Med** 1984 Sep 29;75(37):2111-8 (Eng. Abstr.) **(Ita)**

PSYCHOLOGY

Effects of cold and mental stress on finger temperature in vasospastics and normal Ss. Hugdahl K, et al. **Behav Res Ther** 1984;22(5):471-6

Effects of general and thematically relevant stressors in Raynaud's disease. Freedman RR, et al. **J Psychosom Res** 1985;29(3):275-80

Raynaud's syndrome, panic disorder, and mood changes [letter] Pies R. **JAMA** 1985 May 17;253(19):2833

RADIOGRAPHY

Unusual articular abnormalities in scleroderma. Albert J, et al. **Clin Rheumatol** 1984 Sep;3(3):323-7

[Differential diagnostic value of the hand arteriogram in primary and secondary Raynaud's syndrome] Wagner HH, et al. **ROFO** 1985 Jan;142(1):10-8 (Eng. Abstr.) **(Ger)**

SURGERY

Lumbar sympathectomy for lower extremity vasospasm. Janoff KA, et al. **Am J Surg** 1985 Jul;150(1):147-52

Surgical management of Raynaud's phenomenon. Reisman NR. **Tex Med** 1984 Aug;80(8):44-9

THERAPY

Plethysmographic demonstration of rapid vasodilation by direct suggestion: a case of Raynaud's disease treated by hypnosis. Conn L, et al. **Am J Clin Hypn** 1984 Jan; 26(3):166-70

Bringing the feet in from the cold: thermal biofeedback training of foot-warming in Raynaud's syndrome. Crockett D, et al. **Biofeedback Self Regul** 1984 Dec;9(4):431-8

Behavioral treatment of Raynaud's phenomenon in scleroderma. Freedman RR, et al. **J Behav Med** 1984 Dec; 7(4):343-53

Behavioral treatment of Raynaud's disease: long-term follow-up. Freedman RR, et al. **J Consult Clin Psychol** 1985 Feb;53(1):136

Use of biofeedback training in treatment of Raynaud's disease and phenomenon. Yocum DE, et al. **J Rheumatol** 1985 Feb; 12(1):90-3

[Sympathectomy and microcirculation: physiopathologic reflections] Carpentier P, et al. **J Mal Vasc** 1985;10 Suppl A:62-5 (Eng. Abstr.) **(Fre)**

[Health resort treatment of peripheral blood flow disorders in the hands caused by local vibration] Bielski J, et al. **Pol Tyg Lek** 1984 Sep 24;39(39):1289-91 (Eng. Abstr.) **(Pol)**

[Thermographic evaluation of the effectiveness of electric surface stimulation on skin microcirculation in various peripheral vascular diseases] Kruk M, et al. **Pol Tyg Lek** 1985 Apr 29;40(17):485-9 (Eng. Abstr.) **(Pol)**

[Physiological basis of the action of surface electrostimulation in the treatment of various vascular diseases] Szczypiorski P, et al. **Pol Tyg Lek** 1985 Mar 11;40(10):313-6 (32 ref.) **(Pol)**

RAZOXANE see under **PIPERAZINES**

REACTION TIME

Reaction time and brain disease: relations to location, etiology and progression of cerebral dysfunction. Elsass P, et al. **Acta Neurol Scand** 1985 Jan;71(1):11-9

Short latency somatosensory evoked potentials in Charcot-Marie-Tooth disease. A family with an intermediate form. Rossi A, et al. **Acta Neurol Scand** 1985 Feb;71(2):156-63

Speed-accuracy trade-off and time of day. Craig A, et al. **Acta Psychol (Amst)** 1985 Feb;58(2):115-22

Compatibility due to the coding of the relative position of the effectors. Nicoletti R, et al. **Acta Psychol (Amst)** 1984 Oct;57(2):133-43

The locus of intersensory facilitation of reaction time. Schmidt RA, et al. **Acta Psychol (Amst)** 1984 Oct; 57(2):145-64

Aspects of digit-span performance: naming time and order memory. Das JP. **Am J Ment Defic** 1985 May;89(6):627-34

Speed of information-processing and structural limitations by mentally retarded and dual-diagnosed retarded-schizophrenic persons. Saccuzzo DP, et al. **Am J Ment Defic** 1984 Sep;89(2):187-94

Training reaction and movement times of moderately and severely mentally retarded persons in aiming movements. Wade MG, et al. **Am J Ment Defic** 1984 Sep;89(2):174-9

Complexity effects on reaction-time measures of visual persistence: evidence for peripheral and central contributions. Long GM, et al. **Am J Psychol** 1984 Winter; 97(4):537-61

Auditory-evoked response in the clinically normal dog: early latency components. Sims MH, et al. **Am J Vet Res** 1984 Oct;45(10):2019-27

Auditory-evoked response in the clinically normal dog: middle latency components. Sims MH, et al. **Am J Vet Res** 1984 Oct;45(10):2028-33

Latency of visually evoked saccadic eye movements. I. Saccadic latency and the facilitation model. Reulen JP. **Biol Cybern** 1984;50(4):251-62

Latency of visually evoked saccadic eye movements. II. Temporal properties of the facilitation mechanism. Reulen JP. **Biol Cybern** 1984;50(4):263-71

REM latency distribution in major depression: clinical characteristics associated with sleep onset REM periods. Ansseau M, et al. **Biol Psychiatry** 1984 Dec;19(12):1651-66

Age and individual differences in correct and error reaction times. Smith GA, et al. **Br J Psychol** 1985 May;76 (Pt 2):199-203

High speed memory scanning in retarded and non-retarded adolescents. Todman J, et al. **Br J Psychol** 1985 Feb;76 (Pt 1):49-57

Unilateral versus bilateral presentation methods in the reaction time paradigm. Seitz KS, et al. **Brain Cogn** 1984 Oct;3(4):413-25

Development of differences in response latencies to right and left visual fields. Stillman R, et al. **Brain Cogn** 1984 Jul; 3(3):335-42

Some comparisons between auditory brain stem response thresholds, latencies, and the pure-tone audiogram. Gorga MP, et al. **Ear Hear** 1985 Mar-Apr;6(2):105-12

Anticipatory response-relevant muscle activity, CNV amplitude and simple reaction time. Haagh SA, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul;61(1):30-9

Reaction time in clinical diabetes mellitus. Mohan M, et al. **Indian J Physiol Pharmacol** 1984 Oct-Dec;28(4):311-4

Choice reaction time modifiability in dementia and depression. Pirozzolo FJ, et al. **Int J Neurosci** 1985 Apr; 26(1-2):1-7

Learning to track predictable target waveforms without a time delay. McHugh DE, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):932-7

Inspection time and intelligence in dyslexic children. Whyte J, et al. **J Child Psychol Psychiatry** 1985 May;26(3):423-8

Speeded performance following head injury in children. Bawden HN, et al. **J Clin Exp Neuropsychol** 1985 Feb; 7(1):39-54

Speed of color naming and intelligence: association in girls, dissociation in boys. Jaffe J, et al. **J Commun Disord** 1985 Feb;18(1):63-6

Speed of color naming and degree of familial sinistrality: correlation in girls, no correlation in boys. Pringle GF, et al. **J Commun Disord** 1985 Feb;18(1):59-62

A cross-sequential analysis of developmental differences in speed of visual information processing. Nettelbeck T, et al. **J Exp Child Psychol** 1985 Aug;40(1):1-22

The time course of picture-word interference. Glaser WR, et al. **J Exp Psychol [Hum Percept]** 1984 Oct;10(5):640-54

Short-latency somatosensory evoked potentials in degenerative and vascular dementia. Abbruzzese G, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):1034-7

Measurement of reaction time following minor head injury. MacFlynn G, et al. **J Neurol Neurosurg Psychiatry** 1984 Dec;47(12):1326-31

Reaction time of patients with Parkinson's disease, with reference to asymmetry of neurological signs. Yokochi F, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):702-5

Discrimination between organic and hepatic encephalopathy by means of continuous reaction times. Elsass P, et al. **Liver** 1985 Feb;5(1):29-34

S-R compatibility effect or cerebral laterality effect? Comments on a controversy. Heister G, et al. **Neuropsychologia** 1985;23(3):427-30

Right hemisphere interference during negative affect: a reaction time study. Ladavas E, et al. **Neuropsychologia** 1984;22(4):479-85

Critical stimulus durations for some verbal and nonverbal stimuli. Barbee JG, et al. **Percept Mot Skills** 1984 Dec; 59(3):1001-2

Effort of preparation and age. Gottsdanker R. **Percept Mot Skills** 1984 Oct;59(2):527-38

Judgment of facial expressions of emotion as a function of exposure time. Kirouac G, et al. **Percept Mot Skills** 1984 Aug;59(1):147-50

Assessment of eye dominance through response time. Metalis SA, et al. **Percept Mot Skills** 1984 Oct;59(2):539-44

Two components of motor time: the tension lag and the tension-developing phase. Nakamura R, et al. **Percept Mot Skills** 1984 Dec;59(3):907-12

Information processing abilities and performance on two perceptual-motor tasks. Siegel D. **Percept Mot Skills** 1985 Apr;60(2):459-66

Analysis of temporal suppression mechanism in binocular rivalry. Sohmiya T, et al. **Percept Mot Skills** 1985 Jun; 60(3):995-8

Factor analysis of choice reaction time in young and elderly subjects. Vrtunski PB, et al. **Percept Mot Skills** 1984 Oct; 59(2):659-76

A simple, computer-assisted system for measuring latencies of contact placing. Wolgin DL, et al. **Physiol Behav** 1985 Feb;34(2):315-7

Influence of attentional focus on reaction time. Furst DM, et al. **Psychol Rep** 1985 Feb;56(1):299-302

Theoretical interpretations of the speed and accuracy of positive and negative responses. Ratcliff R. **Psychol Rev** 1985 Apr;92(2):212-25

Critical stimulus duration: schizophrenic trait or state? Merritt RD, et al. **Schizophr Bull** 1985;11(3):341-3

Increased critical stimulus duration: vulnerability or episode indicator? Nuechterlein KH, et al. **Schizophr Bull** 1985; 11(3):344-6

Laboratory note: effect on sleep latency of presleep AEP procedures. Spinweber CL. **Sleep** 1985;8(1):68-70

The internship year: a study of sleep, mood states, and psychophysiologic parameters. Ford CV, et al. **South Med J** 1984 Nov;77(11):1435-42

[Where is 'fast' processed faster than 'slow'? On the localization of the effect of semantic markedness in information processing] Fuchs A, et al. **Arch Psychol (Frankf)** 1984;136(1):49-61 (Eng. Abstr.) **(Ger)**

DRUG EFFECTS

Effects of ketamine on the adaptive responses of second-order vestibular neurons of the cat. Ryu JH, et al. **Am J Otolaryngol** 1984 Jul-Aug;5(4):262-5

Coexposure to toluene and p-xylene in man: central nervous functions. Olson BA, et al. **Br J Ind Med** 1985 Feb; 42(2):117-22

Temazepam and the perceptual-motor performance of professional footballers. Golby J, et al. **Br J Sports Med** 1985 Jun;19(2):115-8

Effect of kainic acid upon N1 latency. Kusakari J, et al. **Laryngoscope** 1984 Oct;94(10):1365–9

Prolongation of latencies for passive avoidance responses in rats treated with aniracetam or piracetam. Yamada K, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):645–8

Effects of d-methamphetamine on auditory and visual reaction times and detection thresholds in the baboon. Hienz RD, et al. **Psychopharmacology (Berlin)** 1985; 85(4):476–82

[Psychological and physical performance standards of borderline hypertensive patients before and during treatment with propranolol] Bolland G, et al. **Z Gesamte Inn Med** 1984 Nov 1;39(21):520–2 (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

Reaction time course during weaning from respirator treatment. Elsass P, et al. **Acta Anaesthesiol Scand** 1984 Aug;28(4):401–4

Human reaction time to negative contrast stimuli. Jaśkowski P. **Acta Neurobiol Exp (Warsz)** 1984;44(5):217–27

Complex visual reaction time measurements under irregular and regular preparatory interval conditions in children with developmental language problems. Martinius J. **Acta Paedopsychiatr (Basel)** 1984 Aug;50(2–3):111–8

Short and long-latency responses in human masseter muscle evoked by chin taps. Hellsing G, et al. **Arch Oral Biol** 1984; 29(11):853–8

Cold and performance: the effects of information load, analgesics, and the rate of cooling. Ellis HD, et al. **Aviat Space Environ Med** 1985 Mar;56(3):233–7

The modality shift effect in schizophrenia: fact or artifact? Mannuzza S, et al. **Biol Psychiatry** 1984 Sep;19(9):1317–31

Hemispheric lateralization of event-related potentials in a cued reaction-time task. Rebert CS, et al. **Biol Psychol** 1984 Dec;19(3–4):189–204

Reaction times of severe Broca's aphasics to monaural verbal stimuli. Gallaher AJ, et al. **Brain Lang** 1985 May; 25(1):134–43

Cognitive processing of tokens and their description in aphasia. Gutbrod K, et al. **Brain Lang** 1985 May;25(1):37–51

Reactive capacity: a sensitive behavioral marker of movement initiation and nigrostriatal dopamine function. Spirduso WW, et al. **Brain Res** 1985 May 27;335(1):45–54

Temporal relationships of latency and magnitudes of Limulus ventral photoreceptor potentials elicited by two light pulses. Wulff VJ, et al. **Brain Res Bull** 1985 Jan;14(1):1–3

The development of simple acoustic reaction time in normal children. Andersen K, et al. **Dev Med Child Neurol** 1984 Aug;26(4):490–4

Cerebral potentials and electromyographic responses evoked by stretch of wrist muscles in man. Abbruzzese G, et al. **Exp Brain Res** 1985;58(3):544–51

Human express saccades: extremely short reaction times of goal directed eye movements. Fischer B, et al. **Exp Brain Res** 1984;57(1):191–5

Assessment of P300 latencies for individual EEG responses employing an adaptive correlating filter. Yamazaki K, et al. **Folia Psychiatr Neurol Jpn** 1984;38(4):465–71

Handwriting posture, visuomotor integration, and lateralized reaction-time parameters. Levy J, et al. **Hum Neurobiol** 1984;3(3):157–61

Simple motor reaction time and respiration. II. Effect of involuntary breath holding. Nikandrov MG, et al. **Hum Physiol** 1983 Nov–Dec;9(6):440–4

The involvement of the two hemispheres in the reaction time to central and peripheral visual stimuli. Arkin N, et al. **Int J Neurosci** 1985 Jan;25(3–4):233–6

Sleep stages, auditory arousal threshold, and body temperature as predictors of behavior upon awakening. Rosa RR, et al. **Int J Neurosci** 1985 Jul;27(1–2):73–83

Spacetime body maps and somatosensory evoked potentials. Stowell H. **Int J Neurosci** 1984 Dec;25(1–2):47–52

Short-latency auditory responses obtained by cross correlation. Dobie RA, et al. **J Acoust Soc Am** 1984 Nov; 76(5):1411–21

Developmental trends of jumping reaction time by means of EMG in mentally retarded children. Yabe K, et al. **J Ment Defic Res** 1985 Jun;29 (Pt 2):137–45

Reduced striatal glucose consumption and prolonged reaction time are early features in Huntington's disease. Garnett ES, et al. **J Neurol Sci** 1984 Aug;65(2):231–7

Compensation for intrinsic muscle stiffness by short-latency reflexes in human triceps surae muscles. Allum JH, et al. **J Neurophysiol** 1984 Nov;52(5):797–818

Influence of the globus pallidus on arm movements in monkeys. III. Timing of movement-related information. Anderson ME, et al. **J Neurophysiol** 1985 Aug;54(2):433–48

Past, present, and future applications of the auditory middle latency response. Musiek FE, et al. **Laryngoscope** 1984 Dec; 94(12 Pt 1):1545–53

Reaction times to lateralized visual stimuli in callosal agenesis: stimulus and response factors. Milner AD, et al. **Neuropsychologia** 1985;23(3):323–31

Interhemispheric relations in patients with chronic alcoholism. Reshchikova TN. **Neurosci Behav Physiol** 1985 Mar–Apr;15(2):161–4

Changes in the time required for a simple motor response of the hand in patients with craniocerebral injuries. Volkova VD, et al. **Neurosci Behav Physiol** 1985 Mar–Apr; 15(2):98–102

Activity of caudate nucleus neurons in cat performing a reaction time task. Amalric M, et al. **Neurosci Lett** 1984 Aug 31;49(3):253–8

On reaction time histograms [letter] Schwartz SH. **Ophthalmic Physiol Opt** 1985;5(2):225–6

Influence of arm positions on EMG-reaction time of the biceps brachii for elbow flexion and forearm supination. Taniguchi R, et al. **Percept Mot Skills** 1984 Aug; 59(1):191–4

Effects of exercise on choice reaction latency and movement speed. Williams LR, et al. **Percept Mot Skills** 1985 Feb; 60(1):67–71

Reaction times of normal subjects and amputees with below-knee and above-knee prostheses during stepping. Nakamura R, et al. **Prosthet Orthot Int** 1984 Aug;8(2):100–2

Discrimination and matching within and between hues measured by reaction times: some implications for categorical perception and levels of information processing. Bornstein MH, et al. **Psychol Res** 1984;46(3):207–22

P300 and S–R compatibility: a reply to Magliero et al. Ragot R, et al. **Psychophysiology** 1985 May;22(3):349–52

Response initiation, not completion, seems to alter cardiac cycle length. Somsen RJ, et al. **Psychophysiology** 1985 May; 22(3):319–25

Neurone response latency in the inferior colliculus in relation to the auditory brainstem responses (ABR) in the guinea pig. Harrison RV, et al. **Scand Audiol** 1984;13(4):275–81

[The bulbocavernous latency period] Chappel R, et al. **Acta Belg Med Phys** 1985 Jan–Mar;8(1):51–4 (Eng. Abstr.) **(Dut)**

[Modulation of cutaneous evoked potentials during the period preparatory to a reaction time task in the cat] Maitte M, et al. **Physiol Behav** 1985 May;34(5):665–9 (Eng. Abstr.) **(Fre)**

[Electrical response latency of the retina in the frog under different experimental conditions] Vasilescu V, et al. **Physiologie** 1984 Jul–Sep;21(3):237–41 **(Fre)**

[Latency behavior of early acoustic evoked potentials in inner ear hearing loss] Gerull G, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Mar;64(3):162–8 (Eng. Abstr.) **(Ger)**

[Effect of masking on interhemispheric and bilateral asymmetry of long-latency auditory evoked potentials] Koroleva IV, et al. **Biull Eksp Biol Med** 1985 Jun; 99(6):643–5 (Eng. Abstr.) **(Rus)**

[Spectral and temporal characteristics of long-latency auditory evoked potentials] Bakaĭ EA, et al. **Fiziol Cheloveka** 1985 Jan–Feb;11(1):51–4 **(Rus)**

[Correlation between the characteristics of a presentation EEG and the extreme time of the sensorimotor reaction] Korol'kova TA, et al. **Fiziol Cheloveka** 1984 Nov–Dec; 10(6):951–8 **(Rus)**

[Temporal characteristics of assessing the simple properties of contoured and textured images] Kostelianets NB, et al. **Fiziol Cheloveka** 1984 Mar–Apr;10(2):272–5 **(Rus)**

[Latent period of sensomotor reactions among persons with different degrees of functional nervous system lability] Makarenko NV. **Zh Vyssh Nerv Deiat** 1984 Nov–Dec; 34(6):1041–7 (Eng. Abstr.) **(Rus)**

[Estimation of time intervals during exposure to a static load] Smirnov AG, et al. **Zh Vyssh Nerv Deiat** 1985 Jan–Feb; 35(1):81–6 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Performance following a 500-675 rad neutron pulse. Yochmowitz MG, et al. **Aviat Space Environ Med** 1985 Jun;56(6):525–33

REACTIVE DISORDERS see **ADJUSTMENT DISORDERS**

REACTIVE INHIBITION see under **INHIBITION (PSYCHOLOGY)**

REACTIVE SITE see **BINDING SITES**

READING

see related

DYSLEXIA, ACQUIRED

A comparison of some processing time measures based on eye movements. Blanchard HE. **Acta Psychol (Amst)** 1985 Jan;58(1):1–15

Typing letter strings varying in orthographic structure. Massaro DW, et al. **Acta Psychol (Amst)** 1984 Oct; 57(2):109–31

The effects of noise on the naming of colours and reading of colour names. Smith AP, et al. **Acta Psychol (Amst)** 1985 Mar;58(3):275–85

Comparison of word-supply and word-analysis error-correction procedures on oral reading by mentally retarded children. Singh J, et al. **Am J Ment Defic** 1985 Jul;90(1):64–70

Effects of isolation by color on mentally retarded and nonretarded persons' recall of printed words. Winters JJ Jr, et al. **Am J Ment Defic** 1984 Nov;89(3):310–2

Visual function and academic performance. Helveston EM, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):346–55

Visual performance and reading capacity of partially sighted persons in a rehabilitation center. Krischer CC, et al. **Am J Optom Physiol Opt** 1985 Jan;62(1):52–8

Effects of methylphenidate on reading in children with attention deficit disorder. Ballinger CT, et al. **Am J Psychiatry** 1984 Dec;141(12):1590–3

Learning as a function of haptic discriminability among items. Newman SE, et al. **Am J Psychol** 1984 Fall;97(3):359–72

A structure and meaning based classification of lexical categories. Aaronson D, et al. **Ann NY Acad Sci** 1984; 433:21–57 (62 ref.)

Comparisons among EEG, hair minerals and diet predictions of reading performance in children. Thatcher RW, et al. **Ann NY Acad Sci** 1984;433:87–96

Effects of delayed versus immediate attention to oral reading errors on the reading proficiency of mentally retarded children. Singh NN, et al. **Appl Res Ment Retard** 1985; 6(3):283–93

Preserved stenography reading in a patient with pure alexia. A model for dissociated reading processes. Regard M, et al. **Arch Neurol** 1985 Apr;42(4):400–2

Measuring the contribution of printed context information to acoustical word recognition by normal subjects. Theodoridis GC, et al. **Audiology** 1985;24(2):104–16

The effect of pictures on the acquisition of a small vocabulary of similar sight-words. Saunders RJ, et al. **Br J Educ Psychol** 1984 Nov;54 (Pt 3):265–75

The recognition of tachistoscopically presented words, varying in imagery, part of speech and word frequency, in the left and right visual fields. Jackman MK. **Br J Psychol** 1985 Feb;76 (Pt 1):59–74

Phonological confusability in short-term memory for sentences as a predictor of reading ability. Jorm AF, et al. **Br J Psychol** 1984 Aug;75 (Pt 3):393–400

Lateralization effects in reading pointed and unpointed Hebrew. Koriat A. **Br J Psychol** 1985 May;76 (Pt 2):161–73

Hyperlexic children reading. Goldberg TE, et al. **Brain** 1984 Sep;107 (Pt 3):759–85

Right-hemisphere interactions in picture-word processing. Underwood G, et al. **Brain Cogn** 1985 Jul;4(3):273–86

Sex in lateralized tachistoscopic word recognition. Boles DB. **Brain Lang** 1984 Nov;23(2):307–17

Reading: dissociation of the lexical and phonologic mechanisms. Coslett HB, et al. **Brain Lang** 1985 Jan; 24(1):20–35

The effect of context during word perception in schizophrenic patients. Done DJ, et al. **Brain Lang** 1984 Nov;23(2):318–36

Evidence for scanning with unilateral visual presentation of letters. Tramer O, et al. **Brain Lang** 1985 May;25(1):1–18

Semantic priming effects for stimuli presented to the right and left visual fields. Walker E, et al. **Brain Lang** 1985 May;25(1):144–59

The word-superiority effect under conditions that approximate reading. Williams MC, et al. **Brain Lang** 1985 May;25(1):160–6

Different methods of lexical access for words presented in the left and right visual hemifields. Young AW, et al. **Brain Lang** 1985 Mar;24(2):326–58

Relations between emotional disorders and specific reading retardation in children. Reeler AP. **Cent Afr J Med** 1985 May;31(5):101–5

A comparison of the word recognition processes of blind and sighted children. Pring L. **Child Dev** 1984 Oct; 55(5):1865–77

Towards readability and style. Scotland A. **Community Med** 1985 May;7(2):126–32

The readability of health-care literature. Nicoll A, et al. **Dev Med Child Neurol** 1984 Oct;26(5):596–600

Eye movements during reading in aphasics. Klingelhöfer J, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(3):175–83

Some spectral characteristics of airflow signals associated with oral reading. Horii Y. **Folia Phoniatr (Basel)** 1984; 36(4):157–63

Effect of glare on performance of a VDT reading-comprehension task. Garcia KD, et al. **Hum Factors** 1985 Apr;27(2):163–73

A research prototype of an inkbraille reading aid. Elster SM, et al. **IEEE Trans Biomed Eng** 1985 Aug;32(8):633–6

A device for zero-eye-movement reading. Hannaford B, et al. **IEEE Trans Biomed Eng** 1985 Jan;32(1):86–9

Directional preferences in perception of visual stimuli. Nachshon I. **Int J Neurosci** 1985 Jan;25(3–4):161–74 (66 ref.)

A 5-year prospective case-control study of the influence of early otitis media with effusion on reading achievement. Lous J, et al. **Int J Pediatr Otorhinolaryngol** 1984 Oct; 8(1):19–30

Psychophysics of reading. III. A fiberscope low-vision reading aid. Pelli DG, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):751–63

Tactile pattern perception and its perturbations. Craig JC. **J Acoust Soc Am** 1985 Jan;77(1):238–46 (35 ref.)

Critique of 'Measures of the sentence intonation of read and spontaneous speech in American English'. Repp BH. **J Acoust Soc Am** 1985 Sep;78(3):1114–7

Nearpoint visual stress: a physiological model. Birnbaum MH. **J Am Optom Assoc** 1984 Nov;55(11):825–35

Selected perceptual norms and their relationship to reading in kindergarten and the primary grades. Solan HA, et al. **J Am Optom Assoc** 1985 Jun;56(6):458–66

A study of close-set text type. Moriarty SE, et al. **J Appl Psychol** 1984 Nov;69(4):700–2

Hyperlexia in infantile autism. Whitehouse D, et al. **J Autism Dev Disord** 1984 Sep;14(3):281–9

Effects of phonological ambiguity on beginning readers of Serbo-Croatian. Feldman LB, et al.

J Exp Child Psychol 1985 Jun;39(3):492-510

Onsets and rimes as units of spoken syllables: evidence from children. Treiman R. **J Exp Child Psychol** 1985 Feb; 39(1):161-81

The time course of picture-word interference. Glaser WR, et al. **J Exp Psychol [Hum Percept]** 1984 Oct;10(5):640-54

Reading rotated words. Koriat A, et al. **J Exp Psychol [Hum Percept]** 1985 Aug;11(4):490-508

Lexical access during eye fixations in reading: effects of word-initial letter sequence. Lima SD, et al. **J Exp Psychol [Hum Percept]** 1985 Jun;11(3):272-85

Some temporal characteristics of processing during reading. McConkie GW, et al. **J Exp Psychol [Hum Percept]** 1985 Apr;11(2):168-86

Manipulation of stimulus onset delay in reading: evidence for parallel programming of saccades. Morrison RE. **J Exp Psychol [Hum Percept]** 1984 Oct;10(5):667-82

A secondary-task analysis of a word familiarity effect. Proctor JD, et al. **J Exp Psychol [Hum Percept]** 1985 Jun; 11(3):286-303

Metacomprehension of text material. Maki RH, et al. **J Exp Psychol [Learn Mem Cogn]** 1984 Oct;10(4):663-79

Relationships among the MCAT reading subtest, Nelson-Denny Reading Test, and medical school achievement. Jackson JR, et al. **J Med Educ** 1985 Jun; 60(6):478-80

Using stimulus shaping and fading to establish stimulus control in normal and retarded children. Smeets PM, et al. **J Ment Defic Res** 1984 Sep;28 (Pt 3):207-18

The effect of factivity on lexical retrieval and postlexical processes during eye fixations in reading. Inhoff AW. **J Psycholinguist Res** 1985 Jan;14(1):45-56

Evolution of reading machines for the blind: Haskins Laboratories' research as a case history. Cooper FS, et al. **J Rehabil Res Dev** 1984 May;21(1):51-87

Inkbraille as a potential new reading system for the blind. Hislop DW, et al. **J Rehabil Res Dev** 1984 Jul;21(2):54-7

Eye movements of stuttering and nonstuttering children during silent reading. Brutten GJ, et al. **J Speech Hear Res** 1984 Dec;27(4):562-6

Visual matching test-taking strategies used by deaf readers. LaSasso C. **J Speech Hear Res** 1985 Mar;28(1):2-7

Effect of monocular occlusion on visuomotor perception and reading in dyslexic children. Stein J, et al. **Lancet** 1985 Jul 13;2(8446):69-73

The effects of an intraclass peer tutoring program on the sight-word recognition ability of students who are mildly mentally retarded, Carlton MB, et al. **Ment Retard** 1985 Apr;23(2):74-8

Interaction between lateralization of memory and probe stimulus in the recognition of verbal and spatial visual stimuli. Berrini R, et al. **Neuropsychologia** 1984;22(4):517-20

Aphasic dyslexia of Braille in a congenitally blind man. Birchmeier AK. **Neuropsychologia** 1985;23(2):177-93

Hemispheric specialization for language in the congenitally blind: the influence of the Braille system. Karavatos A, et al. **Neuropsychologia** 1984;22(4):521-5

Effects of spelling-to-sound regularity on word identification following brief presentation in the right or left visual field. Parkin AJ, et al. **Neuropsychologia** 1985;23(2):279-83

Dissociated hemispheric superiorities for reading stenography vs print. Regard M, et al. **Neuropsychologia** 1985; 23(3):431-5

Event-related potentials and the phonological processing of words and non-words. Rugg MD. **Neuropsychologia** 1984; 22(4):435-43

Unilateral right cerebral representation of reading in a familial left-hander. Winkelman MD, et al. **Neuropsychologia** 1984;22(5):621-6

Patient education in a public hospital. Glazer-Waldman H, et al. **Nurs Res** 1985 May-Jun;34(3):184-5

How is linguistic memory accessed? A psychophysiological approach. McGuigan FJ. **Pavlov J Biol Sci** 1984 Jul-Sep; 19(3):119-36

Hyperlexia and a variant of hypergraphia. Burd L, et al. **Percept Mot Skills** 1985 Jun;60(3):940-2

Perceptual experience in learning to read. Fogliani-Messina TM, et al. **Percept Mot Skills** 1984 Oct;59(2):479-82

The reverse affect test: a new interference task. Gardner RM. **Percept Mot Skills** 1985 Apr;60(2):384-6

Effect of practice of correct symbol reversals on reading achievement by first-grade children. Heydorn BL. **Percept Mot Skills** 1985 Apr;60(2):509-10

Evoked potentials by letters in printed and script forms. Mecacci L, et al. **Percept Mot Skills** 1984 Aug;59(1):227-32

Strategy choices by young Braille readers. Millar S. **Perception** 1984;13(5):567-79

Lexical ambiguity and its role in models of word recognition. Simpson GB. **Psychol Bull** 1984 Sep;96(2):316-40 (77 ref.)

Do letter features migrate? A note of caution. Butler BE, et al. **Psychol Res** 1984;46(3):223-36

Nontarget columns and parafoveal target identification: some limits on previously observed effects. Chastain G. **Psychol Res** 1984;46(3):237-45

Infection, frequency, and the word superiority effect. Günther H, et al. **Psychol Res** 1984;46(3):261-81

Effect of piracetam on the single word and prose reading of dyslexic children. Helfgott E, et al. **Psychopharmacol Bull** 1984 Fall;20(4):688-90

Comparison of event-related potentials of young children and adults in a visual recognition and word reading task. Kok A, et al. **Psychophysiology** 1985 Jan;22(1):11-23

A study of braille reading: 2. Patterns of hand activity in one-handed and two-handed reading. Bertelson P, et al. **Q J Exp Psychol [A]** 1985 May;37(2):235-56

The nature of phonological processing in oral reading: evidence from surface dyslexia. Kay J, et al. **Q J Exp Psychol [A]** 1985 Feb;37(1):39-81

A study of braille reading: 1. Reading speed as a function of hand usage and context. Mousty P, et al. **Q J Exp Psychol [A]** 1985 May;37(2):217-33

Misreadings by beginning readers of Serbo-Croatian. Ognjenović V, et al. **Q J Exp Psychol [A]** 1983 Feb;35 (Pt 1):97-109

Visual-field differences for a number--non-number classification of alphabetic and ideographic stimuli. Peereman R, et al. **Q J Exp Psychol [A]** 1985 May; 37(2):197-216

Psychophysics of reading--II. Low vision. Legge GE, et al. **Vision Res** 1985;25(2):253-65

Psychophysics of reading--I. Normal vision. Legge GE, et al. **Vision Res** 1985;25(2):239-52

[Hemispheric specialization and word memory: effects of an interfering task] Juan de Mendoza JL, et al. **Annee Psychol** 1984;84(1):9-20 (Eng. Abstr.) **(Fre)**

[How do the eyes explore written lines?] Kapoula Z. **Annee Psychol** 1984;84(2):207-26 (Eng. Abstr.) **(Fre)**

[Strategy of ocular movements during reading] Bataillard M, et al. **Rev Otoneuroophtalmol** 1984 May-Jun;56(3):299-304 (Eng. Abstr.) **(Fre)**

[Where is 'fast' processed faster than 'slow'? On the localization of the effect of semantic markedness in information processing] Fuchs A, et al. **Arch Psychol (Frankf)** 1984;136(1):49-61 (Eng. Abstr.) **(Ger)**

[Proposition related changes in word meaning as differential priming] Moch A. **Arch Psychol (Frankf)** 1985; 137(3):159-73 (Eng. Abstr.) **(Ger)**

[Revision of predicate-centered sentence theories] Obliers R. **Arch Psychol (Frankf)** 1985;137(3):175-200 (Eng. Abstr.) **(Ger)**

[Value of the levels of processing approach--text learning in an age cross-section of psychotic patients and normal probands] Berger-Zenk H, et al. **Z Exp Angew Psychol** 1985;32(1):3-20 (Eng. Abstr.) **(Ger)**

[Regional cerebral blood flow changes during finger movement and reading aloud--comparison between N-isopropyl-p-[123I]iodoamphetamine intra-venous injection and 133Xe inhalation methods] Matsuda H, et al. **Kaku Igaku** 1984 Jul;21(7):859-65 (Eng. Abstr.) **(Jpn)**

[The effect of script frequency on semantic processing of Kanji and Kana words] Hirose T. **Shinrigaku Kenkyu** 1984 Aug;55(3):173-6 (Eng. Abstr.) **(Jpn)**

[Lateralization of visual perception of letters during reverse masking] Miamlin VV. **Zh Vyssh Nerv Deiat** 1985 Mar-Apr;35(2):222-7 (Eng. Abstr.) **(Rus)**

READING DISABILITY, ACQUIRED see **DYSLEXIA, ACQUIRED**

READING DISABILITY, DEVELOPMENTAL see **DYSLEXIA**

REAGENT KITS, DIAGNOSTIC

Field evaluation of Cellognost indirect haemagglutination test in the diagnosis of human trypanosomiasis (sleeping sickness) in Kura local government area of Kano State, Nigeria. Edeghere H, et al. **Acta Trop (Basel)** 1985 Jun; 42(2):189-94

Reevaluation of assay methods and establishment of kit for superoxide dismutase activity. Oyanagui Y. **Anal Biochem** 1984 Nov 1;142(2):290-6

Improved performance of plasma gonadotrophin assays using common reagents and assay protocols: evidence from the UK External Quality Assessment Scheme. Hayes M, et al. **Ann Clin Biochem** 1985 Mar;22 (Pt 2):179-84

An improved method for separation of bound and free fractions in a free-T4 kit. Hedley CP, et al. **Ann Clin Biochem** 1984 Sep;21 (Pt 5):444-5

An improved procedure for measuring urinary oxalate using a commercial enzyme kit. Sheldon WL, et al. **Ann Clin Biochem** 1985 Jul;22 (Pt 4):428-9

A 1-hour hCG radioimmunoassay detection kit for the management of suspected ectopic pregnancy. Goh BH, et al. **Br J Obstet Gynaecol** 1984 Oct;91(10):993-6

Detection of antibody to HTLV-III by commercial kits [letter] O'Shaughnessy MV, et al. **Can Med Assoc J** 1985 Sep 15;133(6):551, 555

Quantitation of creatine kinase MB using an agarose electrophoresis method; importance of enzyme reagent concentration. Desjardins PR, et al. **Clin Biochem** 1984 Aug;17(4):236-41

Labetalol: false-positive indices by EMIT-d.a.u. assay and Toxi-Lab A urine screen [letter] Apple FS, et al. **Clin Chem** 1985 Jul;31(7):1250-1

Serum theophylline assay by Ames Seralyzer compared with Abbott TDx in pediatric care [letter] Busch RP, et al. **Clin Chem** 1985 Jul;31(7):1247-8

Pitfall in the use of commercial kits for evaluating pregnancy-specific beta 1-glycoprotein (SP1) [letter] Decoster C, et al. **Clin Chem** 1984 Nov;30(11):1881

Testosterone/dihydrotestosterone kit method for diagnostic use [letter] Etherington L. **Clin Chem** 1985 Jan;31(1):167

Fluctuations in concentrations of Amerlex free thyroxin analog measured in serum from a patient with thyroid disease and autoantibodies to thyroid hormone [letter] Fielding AM, et al. **Clin Chem** 1985 Jun;31(6):1097-8

Mg2+ determined with a commercial kit and the Technicon RA 1000 analyzer [letter] Forbes A, et al. **Clin Chem** 1985 Sep;31(9):1570

Interference by luteal-phase progesterone in a commercial kit for measurement of 17 alpha-hydroxyprogesterone [letter] Gupta MK, et al. **Clin Chem** 1985 Jul;31(7):1246-7

Hemoglobin interference with the BMD total bilirubin assay in the Hitachi 705 analyzer, and its relation to the hemolytic index [letter] Karkoski DJ. **Clin Chem** 1985 May;31(5):791

Commercial kit for total estriol used for monitoring 24-h urinary estriol in non-pregnant women [letter] Masters AM, et al. **Clin Chem** 1985 Aug;31(8):1418

Roche Sensi-Chrome evaluated as a qualitative screen for choriogonadotropin in serum [letter] Peele JD, et al. **Clin Chem** 1985 Apr;31(4):653

An evaluation of kits for measuring thyrotropin in newborns. Pierson EA, et al. **Clin Chem** 1984 Nov;30(11):1854-6

A simple immunoenzymometric assay for choriogonadotropin in serum [letter] Pizzolante JM, et al. **Clin Chem** 1985 May;31(5):787-8

Anaerobic identification systems. Rosenblatt JE. **Clin Lab Med** 1985 Mar;5(1):59-65

An evaluation of a leukocyte esterase/nitrite test strip and a bioluminescence assay for detection of bacteriuria. Hughes JG, et al. **Diagn Microbiol Infect Dis** 1985 Mar; 3(2):139-42

Comparison of two systems for identification of anaerobic bacteria. Gulletta E, et al. **Eur J Clin Microbiol** 1985 Jun; 4(3):282-5

Evaluation of commercial test systems for the identification of nonfermenters. Lampe AS, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):301-5

Rapid enzymatic characterization of clinically encountered anaerobic bacteria with the API ZYM system. Marler L, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):294-300

A comparison of methods for enumerating lymphocyte classes. Blann AD, et al. **Immunol Lett** 1985;9(1):49-51

Internal attenuator counting in radioimmunoassay. Rajan MG, et al. **Indian J Med Res** 1985 Feb;81:234-8

Evaluation of a radioimmunoassay (125I) kit for cannabinoid metabolites in urine and whole blood. Childs PS, et al. **J Anal Toxicol** 1984 Sep-Oct;8(5):220-3

Identification of streptococci in a medical laboratory. Colman G, et al. **J Appl Bacteriol** 1984 Aug;57(1):1-14

Evaluation of the rapid NFT system for identification of gram-negative, nonfermenting rods. Appelbaum PC, et al. **J Clin Microbiol** 1984 Oct;20(4):730-4

Clinical evaluation of three rapid methods for the detection of significant bacteriuria. Bixler-Forell E, et al. **J Clin Microbiol** 1985 Jul;22(1):62-7

Comparison of the PRAS II, AN-Ident, and RapID-ANA systems for identification of anaerobic bacteria. Burlage RS, et al. **J Clin Microbiol** 1985 Jul;22(1):32-5

Comparative evaluation of the Eiken and API 20E systems and conventional methods for identification of members of the family Enterobacteriaceae. Castillo CB, et al. **J Clin Microbiol** 1984 Oct;20(4):754-7

Laboratory identification of Haemophilus influenzae: effects of basal media on the results of the satellitism test and evaluation of the RapID NH system. Doern GV, et al. **J Clin Microbiol** 1984 Sep;20(3):599-601

Comparison of the Lumac and Monolight systems for detection of bacteriuria by bioluminescence. Drow DL, et al. **J Clin Microbiol** 1984 Oct;20(4):797-801

Evaluation of the Rapid Strep system for the identification of clinical isolates of Streptococcus species. Facklam RR, et al. **J Clin Microbiol** 1984 Nov;20(5):894-8

Diagnosis of postnatally acquired rubella by use of three enzyme-linked immunosorbent assays for specific immunoglobulins G and M and single radial hemolysis for specific immunoglobulin G. Field PR, et al. **J Clin Microbiol** 1984 Nov;20(5):951-8

Use of Directigen and acridine orange for rapid identification of human blood culture isolates. Flejzor B, et al. **J Clin Microbiol** 1984 Sep;20(3):587-8

Evaluation of Gonodecten for the presumptive diagnosis of gonococcal urethritis in men. Janda WM, et al. **J Clin Microbiol** 1985 Feb;21(2):143-5

Comparison of the Scott Selecticult-HSV kit with conventional culture and direct immunoperoxidase staining for detection of herpes simplex virus in cultures of clinical specimens. Johnson FB, et al. **J Clin Microbiol** 1985 Mar; 21(3):438-41

Detection of Chlamydia trachomatis in genital specimens by the Chlamydiazyme test. Jones MF, et al. **J Clin Microbiol** 1984 Sep;20(3):465-7

Evaluation of the Directigen Group A Strep test kit. Miller JM, et al. **J Clin Microbiol** 1984 Nov;20(5):846-8

Comparative evaluation of three identification systems for anaerobes. Murray PR, et al. **J Clin Microbiol** 1985 Jul; 22(1):52-5

Evaluation of the Quantum II and Rapid E identification systems. Murray PR, et al. **J Clin Microbiol** 1984 Sep; 20(3):509-14

Evaluation of three commercial agglutination tests for the identification of Staphylococcus aureus. Pennell DR, et al. **J Clin Microbiol** 1984 Oct;20(4):614-7

Effect of the B-D Urine Culture Kit on an automated bacteriuria screen. Pezzlo MT, et al. **J Clin Microbiol** 1984 Dec;20(6):1207-8

Comparative evaluation of five commercial systems for the rapid identification of pathogenic Neisseria species. Philip A, et al. **J Clin Microbiol** 1985 Jul;22(1):101-4

Detection of Haemophilus influenzae type b antigenuria by Bactigen and Phadebact kits. Riera L. **J Clin Microbiol** 1985 Apr;21(4):638-40

Evaluation of Gonochek-II as a rapid identification system for pathogenic Neisseria species. Welborn PP, et al. **J Clin Microbiol** 1984 Oct;20(4):680-3

Comparative evaluation of commercial rubella virus antibody kits. Wittenburg RA, et al. **J Clin Microbiol** 1985 Feb; 21(2):161-3

Detection of specific IgG and IgM antibodies to Toxoplasma gondii with a commercially available enzyme immunoassay kit system. Balfour AH, et al. **J Clin Pathol** 1985 Jun; 38(6):679-89

Comparison of five commercial kits for the determination of glycosylated haemoglobin. Norcliffe D, et al. **J Clin Pathol** 1984 Oct;37(10):1177-81

Comparison of various serological methods and diagnostic kits for the detection of acute, recent, and previous rubella infection, vaccination, and congenital infections. Enders G, et al. **J Med Virol** 1985 Jul;16(3):219-32

Evaluation of IRMA kits using monoclonal antibodies for growth hormone, prolactin and thyrotropin determinations. Iacobello C, et al. **J Nucl Med Allied Sci** 1984 Oct-Dec; 28(4):271-6

Evaluation of commercial AIDS screening test kits [letter] Carlson JR, et al. **Lancet** 1985 Jun 15;1(8442):1388

Evaluating HTLV-III antibody tests [letter] Prentice RL, et al. **Lancet** 1985 Aug 3;2(8449):274-5

The adsorption of 99Tcm dimercaptosuccinic acid onto injection vials. Millar AM. **Nucl Med Commun** 1984 Apr; 5(4):195-9

Stability of 99Tcm-DTPA [letter] Millar AM. **Nucl Med Commun** 1984 Oct;5(10):662-3

In vitro stability of 99Tcm bone scan preparations from different manufacturers measured by various radiopharmaceutical parameters. Pauwels EK, et al. **Nucl Med Commun** 1984 Jul;5(7):467-72

Comparative evaluation of kits for rapid diagnosis of group A streptococcal disease. Radetsky M, et al. **Pediatr Infect Dis** 1985 May-Jun;4(3):274-81

A quick strep test [letter] Shriner HC Jr, et al. **Pediatr Infect Dis** 1985 May-Jun;4(3):301

Vegetable peroxidase inhibitor--an improvement in the guaiac fecal occult blood test. Fleisher M, et al. **Prog Clin Biol Res** 1985;186:57-63

Visual tests for urinary amylase investigated in the routine laboratory. Uldall A. **Scand J Clin Lab Invest** 1985 Apr; 45(2):189-92

Direct two-side binding enzyme immunoassay for human alpha-1-fetoprotein. Part 2: Investigation of criteria determining the quality of the assay parameters. Porstmann T, et al. **Z Med Lab Diagn** 1985;26(4):196-206

[Radioimmunological study of prostaglandin F2 alpha in the plasma and urine by using a Hungarian set (kit) for radioimmunologic determination] Somova L, et al. **Eksp Med Morfol** 1984;23(3):158-61 (Eng. Abstr.) **(Bul)**

[Serodiagnosis of rubella: comparison of ELISA and hemagglutination inhibition] Talon J. **Ann Biol Clin (Paris)** 1984;42(4):307-15 (Eng. Abstr.) **(Fre)**

[Evaluation of urinary density by AMES reagent strips and comparison to the density determined by refractometry and urinary osmolarity] Audouin W, et al. **Clin Biochem** 1985 Apr;18(2):130-3 **(Fre)**

[Ausria/Core. Simultaneous detection of hepatitis B virus core surface antigen and antibody using 3rd generation tests] Kseliková M, et al. **Radiobiol Radiother (Berl)** 1984; 25(5):783-4 (Eng. Abstr.) **(Ger)**

[Toxoplasmosis: comparative serological diagnosis (direct agglutination, complement fixation, hemagglutination inhibition tests) in order to attempt to clarify the diverse periods of infection in man] Mastracchio G, et al. **G Batteriol Virol Immunol** 1983 Jan-Jun;76(1-6):62-103 (Eng. Abstr.) **(Ita)**

[Identification of yeast-like fungi: evaluation of 4 commercial systems] Russolo S, et al. **Quad Sclavo Diagn** 1984 Dec; 20(4):372-8 (Eng. Abstr.) **(Ita)**

[Clinical evaluation of serum free T3 measurement--with special reference to patients in remission from Graves' disease] Haraguchi K, et al. **Kaku Igaku** 1984 Jun; 21(6):739-46 **(Jpn)**

[Comparative evaluation of two commercial kits for immunoreactive trypsin] Hayakawa T, et al. **Kaku Igaku** 1984 Dec;21(12):1669-76 **(Jpn)**

[Evaluation of magic TSH radioimmunometric assay] Inaba T, et al. **Kaku Igaku** 1984 Oct;21(10):1339-45 **(Jpn)**

[Measurement of serum T3 by magic T3 RIA kit] Kaise N, et al. **Kaku Igaku** 1984 Dec;21(12):1639-45 **(Jpn)**

[Measurement of serum free T3 concentration by using Amerlex Free T3 RIA Kit] Kasagi K, et al. **Kaku Igaku** 1985 Feb;22(2):245-52 **(Jpn)**

[A comparison of the measurements of serum free triiodothyronine concentration by Amerlex Free T3 RIA kit and by equilibrium dialysis method] Konno N, et al. **Kaku Igaku** 1984 Jun;21(6):687-95 (Eng. Abstr.) **(Jpn)**

[Fundamental studies of IgE kit 'Daiichi' S.] Masaka M, et al. **Kaku Igaku** 1985 Mar;22(3):399-405 **(Jpn)**

[Basic and clinical evaluation of the measurement of intrinsic factor antibody by using IMMO PHASE IF blocking antibody radioassay kit] Sugimura H, et al. **Kaku Igaku** 1984 Dec;21(12):1631-8 **(Jpn)**

[The measurement of serum free thyroxine with the magnetic FT4 'corning'] Yoshida K, et al. **Kaku Igaku** 1984 Dec; 21(12):1661-7 **(Jpn)**

[Determination of anti-DNA antibody levels using an anti-DNA kit and its clinical significance] Yamauchi Y, et al. **Nippon Rinsho** 1984 Aug;42(8):1930-41 **(Jpn)**

[Experimental and clinical studies of magnetic T3U kit] Inoue T, et al. **Radioisotopes** 1984 Aug;33(8):565-8 **(Jpn)**

[Serum ferritin determination by means of radioimmunoassay technic--rapid improved method and normal reference value] Kimiyama H, et al. **Radioisotopes** 1985 Feb; 34(2):91-4 **(Jpn)**

[Radioimmunoassay for serum thyroxine concentration by magnetic T4 radioimmunoassay kit] Kousaka T, et al. **Radioisotopes** 1984 Aug;33(8):561-4 **(Jpn)**

[Clinical studies of the Amerlex free T3 radioimmunoassay kit] Muraki H, et al. **Radioisotopes** 1984 Aug;33(8):553-6 **(Jpn)**

[Radioimmunoassay of serum thyroxine concentration by magnetic T4 radioimmunoassay kit] Nomura T, et al. **Radioisotopes** 1984 Aug;33(8):557-60 **(Jpn)**

[A study on the reliability of the confirmatory testing of reversed passive hemagglutination technic for the detection of HBs antigen] Ogata M, et al. **Rinsho Byori** 1984 Nov; 32(11):1184-93 (24 ref.) **(Jpn)**

[Evaluation of the Micro-ID kit for the identification of bacteria of the Enterobacteriaceae family] Zaremba M, et al. **Med Dosw Mikrobiol** 1985;37(1):25-31 (Eng. Abstr.) **(Pol)**

[Usefulness of the Polish kit for the coagglutination test (GNC test) for the identification of Neisseria gonorrhoeae] Selibórska Z. **Przegl Dermatol** 1984 Nov-Dec;71(6):523-7 (Eng. Abstr.) **(Pol)**

[Recommendations on the use of 'Lachema' (ChSSR) and 'Fermognost' (GDR) reagent kits for determining total lactate dehydrogenase activity and its urea-resistant fractions] Kapitonova ZD, et al. **Lab Delo** 1985;(4):248-9 (Eng. Abstr.) **(Rus)**

[Determination of insulin in blood using the Insulin RIA Kit (Hungary)] Pomazovskaia VA, et al. **Lab Delo** 1985; (4):207-9 (Eng. Abstr.) **(Rus)**

[Home measurement of blood glucose--quality assessment] Larsen ML, et al. **Nord Med** 1984;99(11):284-7 (Eng. Abstr.) **(Swe)**

CLASSIFICATION

Packaged commercial bacterial identification systems. Fenn JP, et al. **Clin Lab Med** 1985 Mar;5(1):19-58

ECONOMICS

A cost-effective system for performing therapeutic drug assays. I. Optimization of the theophylline assay. Sung E, et al. **Clin Chem** 1985 Jul;31(7):1210-5

STANDARDS

Investigation of two commercially available kits for determination of IgG and IgM to Toxoplasma gondii by enzyme-linked immunosorbent assay (ELISA). Pettersen EK. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Oct; 92(5):325-9

The poor man's isoamylase analysis (wheat inhibitor). Does it work? Weaver DW, et al. **Am Surg** 1985 Jun;51(6):349-52

Studies of the accuracy of measurements of serum high density lipoprotein cholesterol levels. Clark DA, et al. **Aviat Space Environ Med** 1984 Oct;55(10):941-5

Suppliers of kits for lutropin, follitropin, and prolactin should all use the same calibrators [letter] Albertini A, et al. **Clin Chem** 1984 Oct;30(10):1723-4

Effect of macro creatine kinase on results of Hybritech CK-MB kit [letter] Allen KR, et al. **Clin Chem** 1985 Jun; 31(6):1075-6

Better laboratory evaluations of instruments and kits are required. Fraser CG, et al. **Clin Chem** 1985 May; 31(5):667-70

Falsely increased results for digoxin in sera from patients with liver disease: ten immunoassay kits compared [letter] Greenway DC, et al. **Clin Chem** 1985 Jun;31(6):1078-9

Calibration of prolactin kits [letter] Hall CA, et al. **Clin Chem** 1985 Jun;31(6):1100-1

Hepatitis A and B markers in commercial quality-control and kit-calibrator sera [letter] Kubasik NP, et al. **Clin Chem** 1985 Aug;31(8):1417-8

Kits for enzyme determinations compared: relation between composition and quality. Peters FP, et al. **Clin Chem** 1984 Oct;30(10):1625-30

Evaluation of five kits for detecting choriogonadotropin in urine. Sheehan C, et al. **Clin Chem** 1985 Jun;31(6):875-6

Quality control of commercial 99mTc-human albumin kits. Müller T. **Eur J Nucl Med** 1985;10(11-12):551-3

Commercial polyclonal and monoclonal histostaining PAP kits. Immunoperoxidase reagents and performance characteristics in comparison with self-prepared immunoreagents. Kuhlmann WD, et al. **Histochemistry** 1985;82(5):411-9

Detection and confirmation of urinary cannabinoids. Sutheimer CA, et al. **J Anal Toxicol** 1985 Jul-Aug; 9(4):156-60

International Federation of Clinical Chemistry (IFCC). Scientific Committee, Analytical Section. IFCC/WHO principles and recommendations on evaluation of diagnostic reagent sets used in health laboratories with limited resources. Part 3. Selection and evaluation using reference materials. General considerations. Logan JE, et al. **J Clin Chem Clin Biochem** 1984 Aug;22(8):573-82

International Federation of Clinical Chemistry, Scientific Committee, Analytical Section: evaluation of performance of diagnostic reagent sets used in health laboratories with limited resources. Appendix A: Glucose. Logan JE, et al. **J Clin Chem Clin Biochem** 1984 Nov;22(11):827-44

International Federation of Clinical Chemistry, Scientific Committee, Analytical Section: IFCC/WHO principles and recommendations on evaluation of diagnostic reagent sets used in health laboratories with limited resources. Part 4. Evaluation of performance using reference materials of analytes commonly determined in blood serum or plasma. Logan JE, et al. **J Clin Chem Clin Biochem** 1984 Nov; 22(11):817-26

Accuracy and reproducibility of a four-hour method for anaerobe identification. Appelbaum PC, et al. **J Clin Microbiol** 1985 Jun;21(6):894-8

Electrophoretic analysis of different technetium-99m (SnCl2) methylene diphosphonate complexes. Najafi A, et al. **J Nucl Med** 1985 May;26(5):524-30

Evaluation of a latex particle agglutination kit in pneumococcal disease. Congeni BL, et al. **Pediatr Infect Dis** 1984 Sep-Oct;3(5):417-9

Criteria for the evaluation of new diagnostic tests. Radetsky M, et al. **Pediatr Infect Dis** 1984 Sep-Oct;3(5):461-6

[Experiences with Reflolux in blood sugar self testing] Krause J, et al. **Dtsch Med Wochenschr** 1985 Jul 5;110(27):1084-6 (Eng. Abstr.) **(Ger)**

[Fundamental and clinical studies of measurement of beta 2-microglobulin by a double antibody method] Ata M, et al. **Kaku Igaku** 1984 Aug;21(8):985-90 **(Jpn)**

[Fundamental and clinical evaluations of beta 2-microglobulin radioimmunoassay kit 'SD-8567'] Kakizaki J, et al. **Kaku Igaku** 1985 Feb;22(2):253-60 **(Jpn)**

[Basic and clinical studies on the simultaneous measurement of serum and red blood cell folate and serum vitamin B12 concentrations using Corning vitamin B12 [57Co]/folate [125I] radioassay kit] Kihara K, et al. **Kaku Igaku** 1985 Feb;22(2):233-44 **(Jpn)**

[The assessment of magnetic TSH Corning Kit for measuring serum TSH] Kozakai K, et al. **Kaku Igaku** 1985 Jan; 22(1):107-14 **(Jpn)**

[Evaluation of MAGIC thyroxine (T4) radioimmunoassay kit] Kuroda A, et al. **Kaku Igaku** 1984 Aug;21(8):991-6 **(Jpn)**

[Fundamental and clinical evaluation of CEA kit (CEA . RIABEAD)] Kuwabara Y, et al. **Kaku Igaku** 1984 Nov; 21(11):1513-9 **(Jpn)**

[Fundamental and clinical studies on the measurement of beta 2-microglobulin using Pharmacia beta 2-micro RIA] Masaka M, et al. **Kaku Igaku** 1985 Jan;22(1):91-9 **(Jpn)**

[Fundamental evaluation of free T3 kit (Amerlex free T3) with radioimmunoassay] Matsunaga K, et al. **Kaku Igaku** 1984 Nov;21(11):1503-12 **(Jpn)**

[Studies on the measurement of serum free triiodothyronine with Amerlex Free T3 RIA kit] Shiraishi H, et al. **Kaku Igaku** 1984 Oct;21(10):1333-8 **(Jpn)**

[Radioimmunoassay of serum free triiodothyronine (FT3). An evaluation of Amerlex Free T3 RIA kit] Suzuki H, et al. **Kaku Igaku** 1984 Jun;21(6):731-7 **(Jpn)**

[Basic and clinical evaluation of RIAgnost hTSH Tachisorb] Suzuki S, et al. **Kaku Igaku** 1984 Aug;21(8):997-1004 **(Jpn)**

[Fundamental and clinical evaluations of magnetic ferritin RIA kit (Corning)] Suzuki Y, et al. **Kaku Igaku** 1985 Feb; 22(2):275-80 **(Jpn)**

[Evaluation of a pancreatic secretory trypsin inhibitor RIA kit] Tsujino D, et al. **Kaku Igaku** 1984 Jul;21(7):875-81 **(Jpn)**

[Basic and clinical evaluations of Phadebas beta 2-micro test with improved kit] Yano M, et al. **Kaku Igaku** 1984 Jun; 21(6):747-54 **(Jpn)**

[The 5th Quality Control Survey for Radioisotopes in vitro Tests in Japan, 1983 (I)] **Radioisotopes** 1984 Jul; 33(7):484-94 **(Jpn)**

[The 5th Quality Control Survey for Radioisotopes in vitro Tests in Japan, 1983 (II)] **Radioisotopes** 1984 Aug; 33(8):579-89 **(Jpn)**

[Determination of triiodothyronine in the serum by a magnetic-T3 kit] Akita F, et al. **Radioisotopes** 1984 Oct; 33(10):710-3 **(Jpn)**

[Experimental and clinical studies on a TPA kit, Prolifigen] Ayabe Z, et al. **Radioisotopes** 1985 Apr;34(4):230-3 **(Jpn)**

[Fundamental and clinical study of a magnetic T3 radioimmunoassay kit] Banba N, et al. **Radioisotopes** 1984 Nov;33(11):796-9 **(Jpn)**

[Fundamental and clinical evaluation of measuring plasma ferritin levels by a magnetic ferritin kit] Chida R, et al. **Radioisotopes** 1985 Feb;34(2):87-90 **(Jpn)**

[Evaluation of new radioimmunoassay kits for determination of the serum CEA level] Harashima H, et al. **Radioisotopes** 1984 Nov;33(11):800-3 **(Jpn)**

[Study of the measurement of free triiodothyronine in the field of pediatrics] Ikegami H, et al. **Radioisotopes** 1985 Jan;34(1):27–30 **(Jpn)**

[Fundamental studies of GammaDab TSH (new) kit] Kanamori I, et al. **Radioisotopes** 1984 Dec;33(12):879–82 **(Jpn)**

[Fundamental and clinical studies on pancreatic secretary trypsin inhibitor (PSTI) determination by radioimmunoassay] Kanamori I, et al. **Radioisotopes** 1985 Jan;34(1):23–6 **(Jpn)**

[Experimental studies of PTH-C radioimmunoassay kit] Kanamori I, et al. **Radioisotopes** 1984 Jul;33(7):467–70 **(Jpn)**

[Fundamental and clinical evaluation of a magnetic T3 radioimmunoassay kit] Kasagi K, et al. **Radioisotopes** 1984 Dec;33(12):875–8 **(Jpn)**

[Experimental and clinical evaluation of a magnetic T3 uptake kit] Kasagi K, et al. **Radioisotopes** 1984 Jun;33(6):383–6 **(Jpn)**

[Evaluation of immunoradiometric assay of thyroid stimulating hormone by using a magnetic TSH kit] Konishi J, et al. **Radioisotopes** 1984 Sep;33(9):643–6 **(Jpn)**

[Fundamental and clinical evaluation of a magnetic ferritin kit] Kousaka T, et al. **Radioisotopes** 1984 Dec;33(12):883–6 **(Jpn)**

[Fundamental and clinical evaluation of a magnetic TBG radioimmunoassay kit] Kousaka T, et al. **Radioisotopes** 1984 Dec;33(12):871–4 **(Jpn)**

[Fundamental and clinical evaluation of a magnetic FT4 kit] Kuroda H, et al. **Radioisotopes** 1984 Nov;33(11):788–91 **(Jpn)**

[The measurement of serum triiodothyronine using radioimmunoassay method––evaluation of a magnetic T3 radioimmunoassay kit] Mitsuma T, et al. **Radioisotopes** 1984 Oct;33(10):717–20 **(Jpn)**

[The measurement of serum thyroxine––the evaluation of a magnetic FT4 radioimmunoassay kit] Mitsuma T, et al. **Radioisotopes** 1984 Nov;33(11):792–5 **(Jpn)**

[The measurement of serum ferritin by radioimmunoassay methods––the evaluation of a magnetic ferritin kit] Mitsuma T, et al. **Radioisotopes** 1984 Nov;33(11):804–7 **(Jpn)**

[Experimental studies of the Amerlex free T3 radioimmunoassay kit] Muraki H, et al. **Radioisotopes** 1984 Aug;33(8):549–52 **(Jpn)**

[Radioimmunoassay kit using beads to separate free and antibody-bound triiodothyronine] Nakajima K, et al. **Radioisotopes** 1984 Jul;33(7):471–3 **(Jpn)**

[Experimental and clinical studies of thyroxine binding globulin concentrations in blood by radioimmunoassay] Nakazono M, et al. **Radioisotopes** 1984 Jun;33(6):391–4 **(Jpn)**

[Experimental and clinical evaluation of a pancreatic secretory trypsin inhibitor radioimmunoassay kit] Sanke T, et al. **Radioisotopes** 1984 Jun;33(6):387–90 **(Jpn)**

[Basic evaluation of a magnetic digoxin radioimmunoassay kit] Takahashi T, et al. **Radioisotopes** 1985 May;34(5):274–7 **(Jpn)**

[A study of quality control for radioimmunoassay kit using moving average method] Yamamoto H, et al. **Radioisotopes** 1984 Aug;33(8):533–8 (Eng. Abstr.) **(Jpn)**

VETERINARY

[Differentiation between beta- and alpha/(beta)-hemolytic streptococci with special reference to the serological rapid technics] Marx M. **Berl Munch Tierarztl Wochenschr** 1985 Jun 1;98(6):208–16 (Eng. Abstr.) **(Ger)**

REAGENT STRIPS see under **INDICATORS AND REAGENTS**

REAGENTS see **INDICATORS AND REAGENTS**

REAGINS see under **ANTIBODIES**

REALITY TESTING see under **EGO**

REALITY THERAPY

Reality orientation for brain injured patients: group treatment and monitoring of recovery. Corrigan JD, et al. **Arch Phys Med Rehabil** 1985 Sep;66(9):626–30

Reality orientation: full circle. Folsom GS. **Bull NY Acad Med** 1985 May;61(4):343–50

METHODS

Effects of psychotherapy in schizophrenia: II. Comparative outcome of two forms of treatment. Gunderson JG, et al. **Schizophr Bull** 1984;10(4):564–98

REC A PROTEIN

A model for the core structure of the Escherichia coli RecA protein. Blanar MA, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:507–11

ANALYSIS

Purification of a RecA protein analogue from Bacillus subtilis. Lovett CM Jr, et al. **J Biol Chem** 1985 Mar 25;260(6):3305–13

[Functions and structure of the recA protein of Escherichia coli (II)] Horii T, et al. **Tanpakushitsu Kakusan Koso** 1984 Dec;29(13):1459–76 (235 ref.) **(Jpn)**

ANTAGONISTS & INHIBITORS

Inhibition of ATPase activity of the recA protein by ATP ribose-modified analogs. Karasaki Y, et al. **Arch Biochem Biophys** 1984 Sep;233(2):796–9

BIOSYNTHESIS

Quantification of SSB protein in E. coli and its variation during RECA protein induction. Villani G, et al. **Biochimie** 1984 Jun;66(6):471–6

Regulation of the SOS response analyzed by RecA protein amplification. Calsou P, et al. **J Bacteriol** 1985 Jun;162(3):1162–5

GENETICS

Studies of the mechanism of DNA pairing by the RecA protein of Escherichia coli. Bryant FR, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:535–9

Unidirectional branch migration promoted by nucleoprotein filaments of RecA protein and DNA. Cox MM, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:525–33

Intermediates in homologous pairing promoted by RecA protein and correlations of recombination in vitro and in vivo. Flory SS, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:513–23

The mechanism of the chi-cos interaction in RecA-RecBC-mediated recombination in phage lambda. Kobayashi I, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:497–506

Roles of processive unwinding in recombination reactions promoted by RecA protein of Escherichia coli: a study using a monoclonal antibody. Shibata T, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:541–51

Recombination in recA cells between direct repeats of insertion element IS1. Braedt G. **J Bacteriol** 1985 May;162(2):529–34

Efficiency of induction of prophage lambda mutants as a function of recA alleles. Dutreix M, et al. **J Bacteriol** 1985 Mar;161(3):1080–5

Cloning and characterization of recA genes froM Proteus vulgaris, Erwinia carotovora, Shigella flexneri, and Escherichia coli B/r. Keener SL, et al. **J Bacteriol** 1984 Oct;160(1):153–60

Molecular cloning and characterization of the recA gene of Pseudomonas aeruginosa PAO. Kokjohn TA, et al. **J Bacteriol** 1985 Aug;163(2):568–72

Method for gene replacement in Pseudomonas aeruginosa used in construction of recA mutants: recA-independent instability of alginate production. Ohman DE, et al. **J Bacteriol** 1985 Jun;162(3):1068–74

Convenient transduction of recA with bacteriophage T4GT7. Plakidou S, et al. **J Bacteriol** 1984 Sep;159(3):1072–3

Isolation of protease-proficient, recombinase-deficient recA mutants of Escherichia coli K-12. Tessman ES, et al. **J Bacteriol** 1985 Aug;163(2):688–95

Plaque color method for rapid isolation of novel recA mutants of Escherichia coli K-12: new classes of protease-constitutive recA mutants. Tessman ES, et al. **J Bacteriol** 1985 Aug;163(2):677–87

Two-component suppression of recF143 by recA441 in Escherichia coli K-12. Volkert MR, et al. **J Bacteriol** 1984 Nov;160(2):702–5

Evidence that the recA441 (tif-1) mutant of Escherichia coli K-12 contains a thermosensitive intragenic suppressor of RecA constitutive protease activity. Wang WB, et al. **J Bacteriol** 1985 Jul;163(1):407–9

Direct selection of mutations reducing transcription or translation of the recA gene of Escherichia coli with a recA-lacZ protein fusion. Weisemann JM, et al. **J Bacteriol** 1985 Aug;163(2):748–55

Measurement of in vivo expression of the recA gene of Escherichia coli by using lacZ gene fusions. Weisemann JM, et al. **J Bacteriol** 1984 Oct;160(1):112–21

Mechanism of transient inhibition of DNA synthesis in ultraviolet-irradiated E. coli: inhibition is independent of recA whilst recovery requires RecA protein itself and an additional, inducible SOS function. Khidhir MA, et al. **MGG** 1985;199(1):133–40

Physiology of the SOS response: kinetics of lexA and recA transcriptional activity following induction. Markham BE, et al. **MGG** 1985;198(2):207–12

Rec-dependent and Rec-independent recombination of plasmid-borne duplications in Escherichia coli K12. Matfield M, et al. **MGG** 1985;199(3):518–23

RecA protein––promoted lambda repressor cleavage: complementation between RecA441 and RecA430 proteins in vitro. Moreau PL, et al. **MGG** 1984;198(1):25–34

Restoration of RecA protein activity by genetic complementation. Rebollo JE, et al. **MGG** 1984;195(1–2):83–9

Isolation and characterization of spontaneous srl-recA deletion mutants in Escherichia coli K-12. Turner PC, et al. **MGG** 1984;196(2):356–9

Genetic control of heat resistance and thermotolerance by recA and uvrA in E. coli K12. Grecz N, et al. **Mutat Res** 1985 May;145(3):113–8

Weigle reactivation of phage lambda in a recA mutant of Escherichia coli: dependence on the excess amounts of photoreactivating enzyme in the dark. Yamamoto K, et al. **Mutat Res** 1985 May;145(3):137–44

A loss of uvrA function decreases the induction of the SOS functions recA and umuC by mitomycin C in Escherichia coli. Yamamoto K, et al. **Mutat Res** 1985 May;149(3):297–302

Mutagenic repair in Escherichia coli: products of the recA gene and of the umuD and umuC genes act at different steps in UV-induced mutagenesis. Bridges BA, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4193–7

Ionic inhibition of formation of RecA nucleoprotein networks blocks homologous pairing. Chow SA, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5646–50

Dual role for Escherichia coli RecA protein in SOS mutagenesis. Ennis DG, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3325–9

Isolation and visualization of active presynaptic filaments of recA protein and single-stranded DNA. Flory J, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7026–30

[Reaction mechanisms of E. coli recA protein] Shibata T. **Seikagaku** 1984 Dec;56(12):1510–21 (78 ref.) **(Jpn)**

ISOLATION & PURIFICATION

RecA protein rapidly crystallizes in the presence of spermidine: a valuable step in its purification and physical characterization. Griffith J, et al. **Biochemistry** 1985 Jan 1;24(1):158–62

Cysteinyl residues of Escherichia coli recA protein. Kuramitsu S, et al. **Biochemistry** 1984 May 22;23(11):2363–7

Purification of recA-based fusion proteins by immunoadsorbent chromatography. Characterization of a major antigenic determinant of Escherichia coli recA protein. Krivi GG, et al. **J Biol Chem** 1985 Aug 25;260(18):10263–7

Isolation of altered recA polypeptides and interaction with ATP and DNA. Rusche JR, et al. **J Biol Chem** 1985 Jan 25;260(2):949–55

METABOLISM

Kinetics of homologous pairing promoted by RecA protein: effects of ends and internal sites in DNA. Gonda DK, et al. **Biochemistry** 1985 Jan 15;24(2):413–20

Light scattering studies of the recA protein of Escherichia coli: relationship between free recA filaments and the recA X ssDNA complex. Morrical SW, et al. **Biochemistry** 1985 Jan 29;24(3):760–7

Networks of DNA and RecA protein are intermediates in homologous pairing. Tsang SS, et al. **Biochemistry** 1985 Jun 18;24(13):3226–32

Visualization of SSB-ssDNA complexes active in the assembly of stable RecA-DNA filaments. Griffith JD, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:553–9

Molecular mechanisms of general genetic recombination: the DNA-binding sites of RecA protein. Howard-Flanders P, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:571–80

Visualization of RecA-DNA complexes involved in consecutive stages of an in vitro strand exchange reaction. Stasiak A, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:561–70

Formation of covalently closed heteroduplex DNA by the combined action of gyrase and RecA protein. Cassuto E. **EMBO J** 1984 Sep;3(9):2159–64

Evidence for RecA protein association with the cell membrane and for changes in the levels of major outer membrane proteins in SOS-induced Escherichia coli cells. Garvey N, et al. **J Bacteriol** 1985 Sep;163(3):870–6

RecA protein acts at the initiation of stable DNA replication in rnh mutants of Escherichia coli K-12. Kogoma T, et al. **J Bacteriol** 1985 Aug;163(2):439–44

Interaction of the recA protein of Escherichia coli with single-stranded DNA. Bryant FR, et al. **J Biol Chem** 1985 Jan 25;260(2):1196–202

Tyrosine 264 in the recA protein from Escherichia coli is the site of modification by the photoaffinity label 8-azidoadenosine 5'-triphosphate. Knight KL, et al. **J Biol Chem** 1985 Aug 25;260(18):10185–91

Affinity labeling of a tyrosine residue in the ATP binding site of the recA protein from Escherichia coli with 5'-p-fluorosulfonylbenzoyladenosine. Knight KL, et al. **J Biol Chem** 1985 Aug 25;260(18):10177–84

Covalent modification of the recA protein from Escherichia coli with the photoaffinity label 8-azidoadenosine 5'-triphosphate. Knight KL, et al. **J Biol Chem** 1985 Jan 25;260(2):867–72

The formation of paranemic and plectonemic joints between DNA molecules by the recA and single-stranded DNA-binding proteins of Escherichia coli. Riddles PW, et al. **J Biol Chem** 1985 Jan 10;260(1):165–9

The formation of plectonemic joints by the recA protein of Escherichia coli. Requirement for ATP hydrolysis. Riddles PW, et al. **J Biol Chem** 1985 Jan 10;260(1):170–3

Response of recA-dependent operons to different DNA damage signals. Smith CL. **J Biol Chem** 1985 Aug 25;260(18):10069–74

Interaction of recA protein with single-stranded DNA. Quantitative aspects of binding affinity modulation by nucleotide cofactors. Menetski JP, et al. **J Mol Biol** 1985 Jan 20;181(2):281–95

10 nm RecA protein filaments formed in the presence of Mg2+ and ATP gamma S may contain RNA. Register JC 3d, et al. **MGG** 1985;199(3):415–20

On the mechanism of renaturation of complementary DNA strands by the recA protein of Escherichia coli. Bryant FR, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):297–301

Involvement of the activated form of RecA protein in SOS mutagenesis and stable DNA replication in Escherichia coli. Witkin EM, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(23):7539–43

PHARMACODYNAMICS

Mutations in bacteriophage lambda repressor that prevent RecA-mediated cleavage. Gimble FS, et al. **J Bacteriol** 1985 Apr;162(1):147–54

recA protein-promoted DNA strand exchange. Effect of ionic strength. Soltis DA, et al. **J Biol Chem** 1984 Oct 10; 259(19):12020–4

PHYSIOLOGY

Protection of nonmodified phage lambda against EcoK restriction mediated by recA protein. Koukalová B, et al. **Folia Microbiol (Praha)** 1985;30(1):17–24

Coupling with packaging explains apparent nonreciprocality of Chi-stimulated recombination of bacteriophage lambda by RecA and RecBC functions. Kobayashi I, et al. **Genetics** 1984 Dec;108(4):773–94

Induction of 3-methyladenine DNA glycosylase II is recA+-independent. Evensen G. **Mutat Res** 1985 Sep; 146(2):143–7

RECA PROTEIN see **REC A PROTEIN**

RECALL see under **MEMORY**

RECEPTOR AGGREGATION

Comparison of peripheral blood lymphocyte C3 receptor capping properties in patients with chronic lymphocytic leukemia and lymphoma. Hendrick AM, et al. **Cancer** 1985 Oct 1;56(7):1538–42

Formation of acetylcholine receptor clusters at neuromuscular junction in Xenopus cultures. Kuromi H, et al. **Dev Biol** 1985 May;109(1):165–76

Spontaneous redistribution of cell-surface glycoproteins in lymphoid cells during cytokinesis. de Petris S. **EMBO J** 1984 Aug;3(8):1849–55

Specificity of neuronal factors which aggregate acetylcholine receptors on cultured myotubes. Bauer HC, et al. **Exp Cell Res** 1985 Mar;157(1):288–92

DRUG EFFECTS

Luteinizing hormone (LH) receptor aggregation: modification of ferritin-LH binding and aggregation by prostaglandin F2 alpha and ferritin-LH. Luborsky JL, et al. **Endocrinology** 1984 Dec;115(6):2217–26

RECEPTORS, ACETYLCHOLINE see **RECEPTORS, CHOLINERGIC**

RECEPTORS, ADRENERGIC

Iodothyronines and iodotyrosines as hypothetical receptors for catecholamines and opiates. Clur A. **Med Hypotheses** 1985 Feb;16(2):97–131

[The importance of adrenergic receptors for dermatology] Raff M, et al. **Hautarzt** 1985 May;36(5):259–64 (67 ref.) (Eng. Abstr.) **(Ger)**

ANALYSIS

Lymphocyte and monocyte localization of altered adrenergic receptors, cAMP responses, and cAMP phosphodiesterase in atopic dermatitis. A possible mechanism for abnormal radiosensitive helper T cells in atopic dermatitis. Cooper KD, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985; 114:41–7

Biochemical characterization of the adrenergic receptors: affinity labeling, purification, and reconstitution studies. Caron MG, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:1–12

Adrenergic receptor characteristics of cardiac myocytes cultured in serum-free medium: comparison with serum-supplemented medium. Karliner JS, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):376–82

Catecholamines and their receptors in blood: evidence for alterations in schizophrenia. Bondy B, et al. **Biol Psychiatry** 1984 Oct;19(10):1377–93

Regional distribution of neurotransmitter receptors in the visual structures of the rat brain. Schliebs R, et al. **Biomed Biochim Acta** 1984;43(10):1119–25

Sympathetic activity and cardiac adrenergic receptors in one-kidney, one clip hypertension in rats. Vlachakis ND, et al. **Hypertension** 1984 Sep–Oct;6(5):654–9

Identification of adrenoceptors and dopamine receptors mediating vascular responses in the superior mesenteric arterial bed of the rat. Nichols AJ, et al. **J Pharm Pharmacol** 1985 Feb;37(2):110–5

Rapid reciprocal changes in adrenergic receptors in intact isolated hepatocytes during primary cell culture. Schwarz KR, et al. **Mol Pharmacol** 1985 Feb;27(2):200–9

Electrophysiological assay and characterization of central adrenoceptors: techniques and neuropharmacology. Marwaha J, et al. **Pharmacol Biochem Behav** 1985 May; 22(5):875–80 (30 ref.)

[Catecholaminergic receptors of the blood cells of schizophrenics] Ackenheil M, et al. **Encephale** 1985 May–Jun;11(3):95–100 (Eng. Abstr.) **(Fre)**

[Adrenoceptors in subjects with Meniere's disease] Maeda H. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Jul;87(7):805–12 (Eng. Abstr.) **(Jpn)**

[Catecholamine receptors and antagonists: a. Post-synaptic receptors] Kubo T, et al. **Nippon Rinsho** 1985 May; 43(5):929–34 (20 ref.) **(Jpn)**

BLOOD

Loss of platelet alpha 2-adrenergic receptors during simulated extracorporeal circulation: prevention with prostaglandin E1. Wachtogel YT, et al. **J Lab Clin Med** 1985 May;105(5):601–7

CLASSIFICATION

New perspectives in cardiopulmonary therapeutics: receptor-selective adrenergic drugs. Adams HR. **J Am Vet Med Assoc** 1984 Nov 1;185(9):966–74 (45 ref.)

DRUG EFFECTS

Sex-dependent endorphinergic and adrenergic control mechanisms of luteinizing hormone secretion in immature rats. Schulz R, et al. **Acta Endocrinol (Copenh)** 1985 Jun; 109(2):198–203

The effect of antidepressants on circadian rhythms in brain neurotransmitter receptors. Kafka MS. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:162–9

The use of magnesium sulfate in the anesthetic management of pheochromocytoma. James MF. **Anesthesiology** 1985 Feb;62(2):188–90

Locus coeruleus as a target for psychogeriatric agents. Olpe HR, et al. **Ann NY Acad Sci** 1985;444:394–405

The role of adrenergic, purinergic and opiate receptors in the control of prostacyclin-induced contraction in the guinea-pig ileum. Gaion RM, et al. **Arch Int Pharmacodyn Ther** 1984 Sep;271(1):33–44

Adrenergic nervous system alteration and ethanol-induced narcosis in long-sleep and short-sleep mice. Allan AM, et al. **Behav Neural Biol** 1984 Nov;42(2):134–9

Reduced peripheral presynaptic adrenoceptor sensitivity following chronic antidepressant treatment in rats. Finberg JP, et al. **Br J Pharmacol** 1985 Mar;84(3):609–17

Effects of amosulalol on the electrical responses of guinea-pig vascular smooth muscle to adrenoceptor activation. Fujioka M, et al. **Br J Pharmacol** 1985 Feb; 84(2):489–97

Clonidine and presynaptic adrenoceptor theory. Kalsner S. **Br J Pharmacol** 1985 May;85(1):143–7

Effect of chronic desipramine treatment on adrenoceptor modulation of [3H]dopamine release from rat nucleus accumbens slices. Nurse B, et al. **Brain Res** 1985 May 20; 334(2):235–42

Morphine and specific changes in the sensitivity of noradrenergic receptors within the 'limbic' part of the feline caudate nucleus: a behaviour study. Cools AR. **Brain Res Bull** 1985 Mar;14(3):239–50

The effect of prostaglandins F2 alpha and E2 on the adrenergic activity of the uterus of laying hens (Gallus domesticus) in vitro. Iturri SJ, et al. **Comp Biochem Physiol [C]** 1985;80(1):91–4

D- and L-isoprenaline have different effects on adrenoceptors in the systemic vasculature of the cod, Gadus morhua. Nilsson S, et al. **Comp Biochem Physiol [C]** 1985;80(1):105–7

Further examination of the effects of ageing on the adrenoceptor responsiveness of the rat vas deferens. Hyland L, et al. **Eur J Pharmacol** 1985 Apr 2;110(2):241–6

Pre- and postjunctional adreno- and muscarinic receptor functions in the isolated human corpus spongiosum urethrae. Hedlund H, et al. **J Auton Pharmacol** 1984 Dec; 4(4):241–9

Comparison of the responses to drugs acting on adrenoreceptors and muscarinic receptors in human isolated corpus cavernosum and cavernous artery. Hedlund H, et al. **J Auton Pharmacol** 1985 Mar;5(1):81–8

Effects of bromocriptine on catecholamine receptors mediating cardiovascular responses in the pithed rat. Vila E, et al. **J Auton Pharmacol** 1985 Jun;5(2):125–30

In vivo interaction of AR-L 115BS (Vardax) with the adrenergic nervous system. Petein M, et al. **J Cardiovasc Pharmacol** 1984 Nov–Dec;6(6):1020–6

Cyclic AMP modulation of adrenoreceptor-mediated arterial smooth muscle contraction. Saida K, et al. **J Gen Physiol** 1984 Aug;84(2):307–18

B-HT 958 stimulates dopamine autoreceptors but blocks noradrenaline autoreceptors in the brain. Grabowska-Andén M, et al. **J Pharm Pharmacol** 1984 Nov; 36(11):748–52

Adenosine selectively attenuates H2- and beta-mediated cardiac responses to histamine and norepinephrine: an unmasking of H1- and alpha-mediated responses. Hattori Y, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):215–23

Phenyliminoimidazolidines. Characterization of a class of potent agonists of octopamine-sensitive adenylate cyclase and their use in understanding the pharmacology of octopamine receptors. Nathanson JA. **Mol Pharmacol** 1985 Sep;28(3):254–68

Noradrenaline and prostaglandin E2 stimulate LH-RH release from rat median eminence through distinct 1-alpha-adrenergic and PGE2 receptors. Heaulme M, et al. **Neuroendocrinology** 1984 Nov;39(5):403–7

Parallel changes in the sensitivity of gamma-aminobutyric acid and noradrenergic receptors following chronic administration of antidepressant and GABAergic drugs. A possible role in affective disorders. Suzdak PD, et al. **Neuropharmacology** 1985 Mar;24(3):217–22

Anti-muricide mechanisms of chlorpromazine and imipramine in OB rats: adrenoceptors and hypothalamic functions. Hara C, et al. **Pharmacol Biochem Behav** 1984 Aug;21(2):267–72

Effect of chronic antidepressant treatment in vivo on pineal gland adrenoceptor sensitivity in vitro. Bronstein DM, et al. **Proc West Pharmacol Soc** 1984;27:43–6

Adrenergic stimulation modifies prostaglandin synthesis by rat vas deferens. Peredo H, et al. **Prostaglandins Leukotrienes Med** 1985 Jul;19(1):51–61

Yohimbine and clonidine recognize different states of adrenergic receptors on human platelets: reconsideration of studies on platelet alpha-2 receptors in depressive illness. Piletz JE, et al. **Psychopharmacol Bull** 1985;21(3):573–8

[Effect of puerarin and analogues of daidzein on adrenoceptors] Feng YP, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):238–41 (Eng. Abstr.) **(Chi)**

[Effect of puerarin and analogues of daidzein on adrenoceptors] Feng YP, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):238–41 (Eng. Abstr.) **(Chi)**

[Adrenergic and purinergic receptors and bronchial motoricity] Advenier C. **J Pharmacol** 1985;16 Suppl 1:51–70 (95 ref.) (Eng. Abstr.) **(Fre)**

[Mechanism of action and classification of neurotransmitter antagonists] Minegishi A, et al. **Nippon Rinsho** 1984 Apr; 42(4):821–7 **(Jpn)**

[Role opioidergic and adrenergic mechanisms in realizing the pain-alleviating action of clofelin] Ignatov IuD, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):201–4 (Eng. Abstr.) **(Rus)**

[Changes in cholino- and adrenoceptors as affected by blood proteolytic enzymes] Panchenko AL, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):469–71 (Eng. Abstr.) **(Rus)**

[Changes in the metastasis of experimental tumors and in the antimetastatic effect of cytostatics in their pharmacological action on adrenergic processes] Veksler IG, et al. **Eksp Onkol** 1984;6(6):50–3 (Eng. Abstr.) **(Rus)**

[Effect of phenazepam on the peripheral catecholaminergic systems in immobilization stress] Malikova LA, et al. **Farmakol Toksikol** 1985 Mar–Apr;48(2):23–7 (Eng. Abstr.) **(Rus)**

[Role of hypothalamic adrenoreactive structures in regulating the protective reaction to plasmin] Kalishevskaia TM, et al. **Fiziol Zh SSSR** 1985 Apr;71(4):418–21 (Eng. Abstr.) **(Rus)**

GENETICS

Messenger RNA from rat brain induces noradrenaline and dopamine receptors in Xenopus oocytes. Sumikawa K, et al. **Proc R Soc Lond [Biol]** 1984 Dec 22;223(1231):255–60

IMMUNOLOGY

[Mechanisms of the change in leukocyte adrenoreactivity during immune stimulation] Fedoseev GB, et al. **Fiziol Cheloveka** 1984 Mar–Apr;10(2):252–4 **(Rus)**

METABOLISM

Autoradiographic analysis of adrenergic receptors in the mammalian brain. Goffinet AM, et al. **Acta Neurol Belg** 1985 Mar–Apr;85(2):82–109

Presynaptic adrenoceptors on the regulation of tyrosine hydroxylase activation by potassium. Masana MI. **Acta Physiol Pharmacol Latinoam** 1984;34(3):245–51

Discrete regional distribution of biochemical markers for the dopamine, noradrenaline, serotonin, GABA and acetylcholine systems in the monkey brain (Cebus Apella). Effects of stress. Häggström JE, et al. **Acta Physiol Scand [Suppl]** 1984;534:1–27

Selective blockage by islet-activating protein, pertussis toxin, of negative signal transduction from receptors to adenylate cyclase. Ui M, et al. **Adv Exp Med Biol** 1984;175:1–16

Comparison of adrenergic receptor binding in blood cells from alcoholics and controls. Bylund DB, et al. **Alcohol** 1984 Sep–Oct;1(5):369–72

Adrenergic receptors in Parkinson's disease. Cash R, et al. **Brain Res** 1984 Nov 26;322(2):269–75

Adrenergic receptors of isolated snake atria. Chiu KW, et al. **Comp Biochem Physiol [C]** 1985;81(2):445–50

Adrenergic and cholinergic receptors in isolated non-pigmented ciliary epithelial cells. Polansky JR, et al. **Curr Eye Res** 1985 Apr;4(4):517–22

Influence of fasting on lipolytic response to adrenergic agonists and on adrenergic receptors in subcutaneous adipocytes. Ostman J, et al. **Eur J Clin Invest** 1984 Oct; 14(5):383–91

Adrenergic receptor subtypes in rabbit iris-ciliary body membranes: classification by radioligand studies. Mittag TW, et al. **Exp Eye Res** 1985 Feb;40(2):239–49

Molecular biology of adrenergic receptors in the rat and frog central nervous system. Caron MG, et al. **Hypertension** 1984 Sep–Oct;6(5 Pt 2):II22–7

Receptor (norepinephrine), P-site (2',5'-dideoxyadenosine), and calcium-mediated inhibition of prostaglandin and forskolin-activated cyclic AMP-generating systems in human platelets. Siegl AM, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(3):229-45

Receptors for 3H-octopamine in the adult firefly light organ. Hashemzadeh H, et al. **Life Sci** 1985 Aug 5;37(5):433-40

Interaction of DNA-intercalating antitumor agents with adrenoceptors. Adams A, et al. **Mol Pharmacol** 1985 Apr; 27(4):480-91

Thyroid-dependent alterations of myocardial adrenoceptors and adrenoceptor-mediated responses in the rat. Gross G, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jun; 329(4):427-39

The localization of adrenoceptors and opiate receptors in regions of the cat central nervous system involved in cardiovascular control. Dashwood MR, et al. **Neuroscience** 1985 Jun;15(2):537-51

Prenatal stress: effect on development of rat brain adrenergic receptors. Peters DA. **Pharmacol Biochem Behav** 1984 Sep; 21(3):417-22

Characterization of octopamine-sensitive adenylate cyclase: elucidation of a class of potent and selective octopamine-2 receptor agonists with toxic effects in insects. Nathanson JA. **Proc Natl Acad Sci USA** 1985 Jan;82(2):599-603

Prenatal nicotine exposure increases adrenergic receptor binding in the rat cerebral cortex. Peters DA. **Res Commun Chem Pathol Pharmacol** 1984 Dec; 46(3):307-17

[Role of receptor- and calmodulin-dependent processes in the regulation of cellular activity and in the development of cardiovascular pathology] Tkachuk VA, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1985;8(1):108-13 **(Rus)**

PHYSIOLOGY

Adrenoceptor function in atopic dermatitis: in vitro and in vivo observations. Archer CB, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:93-7

Hormones, receptors, cyclic nucleotides and calcium. Presentation at the International Congress on Cyclic Nucleotides and Calcium. Copenhagen, April 11-14, 1984. Abstracts. **Acta Pharmacol Toxicol (Copenh)** 1984;55 Suppl 3:1-68

Adrenergic nervous control of resistance and capacitance vessels. Studies on isolated blood vessels from the rat. Nilsson H. **Acta Physiol Scand [Suppl]** 1985;541:1-34

Adrenergic membrane receptor regulation. DiPalma JR. **Am Fam Physician** 1984 Oct;30(4):250-2

Role of receptor mechanisms in the adaptive response to habitual exercise. Williams RS. **Am J Cardiol** 1985 Apr 26;55(10):68D-73D

Splenic and renal sympathetic responses to stimulation of splenic receptors in cats. Calaresu FR, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R856-65

Peripheral and central adrenergic influences on brain systems involved in the modulation of memory storage. McGaugh JL. **Ann NY Acad Sci** 1985;444:150-61

Noradrenergic modulation of selective attention: its role in memory retrieval. Sara SJ. **Ann NY Acad Sci** 1985; 444:178-93

Adrenoceptor-mediated responses in human skin studied by iontophoresis. Hörnqvist R, et al. **Br J Dermatol** 1984 Nov; 111(5):561-6

Development of serotonergic and adrenergic receptors in the rat spinal cord: effects of neonatal chemical lesions and hyperthyroidism. Lau C, et al. **Brain Res** 1985 Mar; 351(1):57-66

The possible involvement of adrenoceptors in the intestinal effect of morphine in mice. Wong CL. **Clin Exp Pharmacol Physiol** 1984 Nov-Dec;11(6):605-10

Effects of timolol on intraocular pressure following ocular adrenergic denervation. Liu JH, et al. **Curr Eye Res** 1984 Sep;3(9):1113-7

Beta 1 and beta 2 adrenergic receptors: their role in the regulation of paradoxical sleep in the rat. Lanfumey L, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jun; 60(6):558-67

Studies of sympatho-adrenal reactivity and adrenoceptor function in bronchial asthma. Larsson K. **Eur J Respir Dis [Suppl]** 1985;141:1-52

Adrenergic control of coronary arteries. Moreland RS, et al. **Fed Proc** 1984 Nov;43(14):2857-61 (38 ref.)

The role of adrenergic and dopamine receptors. Goldberg LI, et al. **Hosp Pract [Off]** 1985 Jun 15;20(6):67-80

Role of adrenergic and histaminergic systems in clonidine-induced inhibition of the pinnal reflex in mice [letter] Singh PP, et al. **Indian J Physiol Pharmacol** 1984 Apr-Jun;28(2):173-6

The impact of aging on adrenergic receptor function: clinical and biochemical aspects. Heinsimer JA, et al. **J Am Geriatr Soc** 1985 Mar;33(3):184-8 (42 ref.)

Cardiac electrophysiological effects of selective adrenoceptor stimulation and their possible roles in arrhythmias. Vaughan Williams EM. **J Cardiovasc Pharmacol** 1985;7 Suppl 5:S61-4

Hemodynamic versus adrenergic control of cat right ventricular hypertrophy. Cooper G 4th, et al. **J Clin Invest** 1985 May;75(5):1403-14

Adrenergically mediated intrapancreatic control of the glucagon response to glucopenia in the isolated rat pancreas. Hisatomi A, et al. **J Clin Invest** 1985 Feb; 75(2):420-6

Cholinergic-adrenergic receptor interactions in cerebral microvessels. Grammas P, et al. **J Neurochem** 1985 Jun; 44(6):1732-5

Receptor operated intracellular calcium stores in the smooth muscle of the guinea pig bladder. Mostwin JL. **J Urol** 1985 May;133(5):900-5

Effects of age on the adrenergic cardiac neuroeffector junction. Goldberg PB, et al. **Life Sci** 1984 Dec 24; 35(26):2585-91

Adrenergic receptors and the sudden infant death syndrome (SIDS) Carnazzo JM. **Nebr Med J** 1984 Dec; 69(12):399-406

Mono-aminergic receptors and blood pressure. Schalekamp MA, et al. **Neth J Med** 1985;28(2):83-90 (30 ref.)

Avoidance conditioning in rats following changes in activity of the noradrenergic and cholinergic systems of the brain. Martynov NN, et al. **Neurosci Behav Physiol** 1984 Sep-Oct; 14(5):368-72

Pharmacology of spinal adrenergic systems which modulate spinal nociceptive processing. Yaksh TL. **Pharmacol Biochem Behav** 1985 May;22(5):845-58 (100 ref.)

Biological alterations in the primary affective disorders and other tricyclic-responsive disorders. Siever LJ, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985; 9(1):15-24

[Adrenoreceptors] Spiss CK, et al. **Anaesthesist** 1985 Jan; 34(1):1-10 (102 ref.) (Eng. Abstr.) **(Ger)**

[Effectiveness of neurotransmitters on receptor membranes. b. Catecholamines] Tokumitsu Y, et al. **Nippon Rinsho** 1984 Apr;42(4):800-7 (51 ref.) **(Jpn)**

[The effect of gastric ulcer produced by topical procedure on gastric secretion in conscious fistula dogs, with special reference to the role of adrenoceptor] Kumagai J, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):9-17 (Eng. Abstr.) **(Jpn)**

[Idiopathic orthostatic hypotension—humoral disorders] Miśkiewicz Z, et al. **Kardiol Pol** 1984;27(4):335-42 (33 ref.) **(Pol)**

[Adaptative cardiac changes in arterial hypertension] Vasquez EC, et al. **Arq Bras Cardiol** 1984 Jun;42(6):419-25 (Eng. Abstr.) **(Por)**

[Disorders of the adrenergic mechanisms regulating tubal contractility and their recovery during the treatment of sterile women with hydrogen sulfide waters] Volobuev AI, et al. **Akush Ginekol (Mosk)** 1985 Mar;(3):31-6 (Eng. Abstr.) **(Rus)**

[Analysis of the regulation of noradrenaline secretion by autoadrenoreceptors and stimulation frequency] Bazian AS, et al. **Biofizika** 1984 Sep-Oct;29(5):895-8 (Eng. Abstr.) **(Rus)**

[Interrelation of heart rhythm disorders in acute myocardial ischemia with the activity of the limbic and noradrenergic systems] Pivovarov IuI, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):647-9 (Eng. Abstr.) **(Rus)**

[Adrenergic mechanisms regulating the motor reactions of rats in the early postnatal period] Praznikov VP. **Biull Eksp Biol Med** 1984 Sep;98(9):264-6 (Eng. Abstr.) **(Rus)**

[Role of adrenergic mechanisms in manifesting the contractile effects of the smooth musculature of the ileum induced by serotonin] Berezina TP, et al. **Fiziol Zh SSSR** 1985 Jun; 71(6):769-76 (Eng. Abstr.) **(Rus)**

[Interaction of catecholamine and opiate structures of the brain at the neuronal level] Bondarenko TT. **Fiziol Zh SSSR** 1983 Jul;69(7):876-80 (Eng. Abstr.) **(Rus)**

[Changes in the adrenergic mechanisms regulating cardiac activity and coronary circulation in experimental diabetes mellitus] Neshcheret AP. **Kardiologiia** 1985 Apr;25(4):94-8 (Eng. Abstr.) **(Rus)**

[Effect of the functional state of neurocytes of the anterior hypothalamus on reparative bone regeneration] Pankov Ela, et al. **Ortop Travmatol Protez** 1985 May;(5):30-3 (Eng. Abstr.) **(Rus)**

[Effect of different stressors on adrenergic mechanisms and cholinoreception in guinea pigs] Shibaeva TN, et al. **Patol Fiziol Eksp Ter** 1985 Mar-Apr;(2):65-7 (Eng. Abstr.) **(Rus)**

[Physiological role of the adrenergic elements of the hypothalamus in regulating the hypothalamo-adenohypophyseal adaptation systems] Rasin MS. **Usp Fiziol Nauk** 1985 Jan-Mar;16(1):96-114 (144 ref.) **(Rus)**

RADIATION EFFECTS

Ultraviolet radiation augments epidermal beta-adrenergic adenylate cyclase response. Iizuka H, et al. **J Invest Dermatol** 1985 May;84(5):401-3

RECEPTORS, ADRENERGIC, ALPHA

Molecular characterization of adrenergic receptors. Homcy CJ, et al. **Circ Res** 1985 May;56(5):635-50 (150 ref.)

Arginine and cysteine residues in the ligand binding site of alpha 2-adrenergic receptors. Mattens E, et al. **Life Sci** 1985 Jan 28;36(4):355-62

[Productive conformations of ligands and topography of the alpha1-adrenoreceptor active site based on theoretical conformation analysis] Zhorov BS, et al. **Bioorg Khim** 1984 Mar;10(3):362-77 (Eng. Abstr.) **(Rus)**

ANALYSIS

Platelet alpha-adrenergic receptors in depression: ligand binding and aggregation studies. Wood K, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:203-11

Quantitation of alpha 1-adrenergic receptors in porcine uterine and mesenteric arteries. Farley DB, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):485-91

Location of vascular alpha 2-adrenoceptors in man. Murphy MB, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):955-8

beta-Adrenoceptor stimulation-induced increase in the number of alpha 2-adrenoceptors of cerebral cortical membranes in rats. Kitamura Y, et al. **Brain Res** 1985 Mar 11;329(1-2):259-64

alpha-Adrenergic receptors in cerebral microvessels of normotensive and spontaneously hypertensive rats. Kobayashi H, et al. **Circ Res** 1985 Mar;56(3):402-9

Demonstration of proximal tubular alpha-adrenoceptors in vivo. Woodcock EA, et al. **Clin Exp Pharmacol Physiol** 1984 Jul-Aug;11(4):399-402

Direct measurement of vascular alpha 1-adrenoceptors. Hoffman BB, et al. **Clin Sci** 1985;68 Suppl 10:35s-37s

alpha 2-Adrenoceptors in dog kidney: autoradiographic localization and putative functions. Summers RJ, et al. **Clin Sci** 1985;68 Suppl 10:105s-109s

An attempt to identify alpha-adrenoceptors in the human placenta. Gardey-Levassort C, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:85-8

Adrenergic receptors in frontal cortex in human brain. Cash R, et al. **Eur J Pharmacol** 1985 Feb 5;108(3):225-32

In vitro characterization of the alpha-adrenoceptors in human prostate. Hieble JP, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):111-7

Identification of subtypes of [3H]prazosin-labelled alpha 1 receptor binding sites in rat brain. Morrow AL, et al. **Eur J Pharmacol** 1985 Feb 26;109(2):285-7

Distribution of alpha 2-adrenergic receptors in the human brainstem: an autoradiographic study using [3H]p-aminoclonidine. Probst A, et al. **Eur J Pharmacol** 1984 Nov 27;106(3):477-88

Increased alpha 1-adrenergic receptor density in brown adipose tissue of cold-acclimated rats and hamsters. Raasmaja A, et al. **Eur J Pharmacol** 1984 Nov 27; 106(3):489-98

Growth-related variation of alpha 2-adrenergic receptivity in the HT 29 adenocarcinoma cell-line from human colon. Paris H, et al. **FEBS Lett** 1985 May 6;184(1):82-6

An in vivo study of the alpha-adrenoreceptor subtypes on the renal vasculature of the anaesthetized rabbit. Hesse IF, et al. **J Auton Pharmacol** 1984 Sep;4(3):145-52

On the postjunctional alpha-adrenoreceptors in rat cerebral and mesenteric arteries. Högestätt ED, et al. **J Auton Pharmacol** 1984 Sep;4(3):161-73

Mapping receptors for alpha 2-agonists in the central nervous system. Kuhar MJ, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 3:S536-42

Differences in contractile responses to electrical stimulation and alpha-adrenergic binding sites in isolated cerebral arteries of humans, cows, dogs, and monkeys. Usui H, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 3:S47-52

Sympathetic denervation does not alter the density or properties of alpha-1 adrenergic receptors in rat vas deferens. Abel PW, et al. **J Pharmacol Exp Ther** 1985 Jun; 233(3):570-7

Existence of two types of postjunctional alpha adrenoceptors in the isolated canine intermediate auricular artery. Ito T, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):698-702

Pharmacological characterization of alpha adrenoceptors in the rat gastric fundus. Verplanken PA, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):404-10

Characterization of alpha1 adrenergic receptors in human benign prostatic hyperplasia. Lepor H, et al. **J Urol** 1984 Dec;132(6):1226-9

Studies on the up regulation of alpha-adrenoceptors on rat hippocampal perikarya by chemical lesion of the median raphe nucleus. Consolo S, et al. **Life Sci** 1985 Aug 5; 37(5):449-60

Regional distribution of rat brain alpha 1-adrenergic receptors: correlation between (125I)-heat membrane binding and in vitro autoradiography. Jones LS, et al. **Life Sci** 1985 Jan 7;36(1):45-51

Photoaffinity labeling of the DDT1 MF-2 cell alpha 1-adrenergic receptor. Cornett LE, et al. **Mol Cell Biochem** 1985 May;67(1):47-53

Lesioning of serotoninergic and noradrenergic nerve fibres of the rat brain does not decrease binding of 3H-clonidine and 3H-rauwolscine to cortical membranes. Gross G, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan; 328(3):229-35

Heterogeneity of alpha-2 adrenergic receptors. Bylund DB. **Pharmacol Biochem Behav** 1985 May;22(5):835-43 (56 ref.)

Distribution and function of peripheral alpha-adrenoceptors in the cardiovascular system. Ruffolo RR Jr. **Pharmacol Biochem Behav** 1985 May;22(5):827-33 (83 ref.)

[Thrombocytic alpha-2 and lymphocytic beta-adrenergic receptors in mental anorexia] Krulík R, et al. **Cesk Psychiatr** 1984 Aug;80(4):266-9 (Eng. Abstr.) **(Cze)**

[Platelet alpha2-adrenergic receptors in essential hypertension. Number of binding sites, cyclic adenosine monophosphate and platelet aggregation] Přikryl P, et al. **Vnitr Lek** 1985 Aug;31(8):749-55 (Eng. Abstr.) **(Cze)**

[Platelet alpha2-adrenergic receptors in essential hypertension. Methods of determining specific binding using (3H)-dihydroergocryptine and the effect of physical exertion] Přikryl P, et al. **Vnitr Lek** 1985 Aug;31(8):744-8 (Eng. Abstr.) **(Cze)**

[Effect of in vitro incubation on alpha- and beta-adrenergic receptors of the rat lung] Hasegawa M. **Arerugi** 1984 Nov; 33(11):934-9 (Eng. Abstr.) **(Jpn)**

[Quantitation of alpha-1 and beta adrenergic receptor densities in the human normal and hypertrophied prostate] Yokoyama E, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Mar;76(3):325-37 (Eng. Abstr.) **(Jpn)**

[Catecholamine receptors and antagonists: a. Post-synaptic receptors] Kubo T, et al. **Nippon Rinsho** 1985 May; 43(5):929-34 (20 ref.) **(Jpn)**

[Preliminary studies of the adrenergic receptors in the human right atrium] Vetulani J, et al. **Kardiol Pol** 1984; 27(6):507-14 **(Pol)**

[Alpha-adrenergic innervation in the canine ureter] Castilla C, et al. **Actas Urol Esp** 1985 May-Jun;9(3):269-72 (Eng. Abstr.) **(Spa)**

BLOOD

Human platelet alpha 2-adrenergic receptors: effect of Na+ on interaction with the adenylate cyclase system and on epinephrine-stimulated platelet secretion. Limbird LE, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:235-42

Demonstration that circulating human blood cells have no detectable alpha 1-adrenergic receptors by radioligand binding analysis. Casale TB, et al. **J Allergy Clin Immunol** 1984 Dec;74(6):812-8

CLASSIFICATION

Postjunctional alpha 1- and alpha 2-adrenoceptors mediating contraction in isolated human groin arteries and veins. Steen S, et al. **Acta Physiol Scand** 1984 Nov;122(3):323-9

Alpha- and beta-adrenergic receptor subtypes properties, distribution and regulation. Molinoff PB. **Drugs** 1984;28 Suppl 2:1-15 (134 ref.)

DRUG EFFECTS

Presynaptic and transynaptic mechanisms involved in the subsensitivity of rat cortical noradrenergic system after long-term antidepressant treatment. Racagni G, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:190-7

Adenylate cyclase modulation by ammonium ion: GTP-like effect on muscarinic and alpha 2-adrenergic receptors. Ransnäs L, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 May;56(5):382-90

The postjunctional alpha-adrenoceptors of the human saphenous vein. Steen S, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Nov;55(5):351-7

Alpha-adrenergic receptor changes during antidepressant treatment. Vetulani J, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:55-65

Effect of one derivative of 2-aminotetralin on the alpha-adrenergic receptors of isolated vessels. Mutafova-Yambolieva V, et al. **Acta Physiol Pharmacol Bulg** 1985;11(1):18-25

Influence of antimuscarinics on alpha-adrenoceptors in the female rabbit urethra. Larsson B, et al. **Acta Physiol Scand** 1984 Apr;120(4):537-42

Modulation of alpha 2-adrenergic receptors of rat vas deferens by adenosine receptors. Watanabe Y, et al. **Adv Exp Med Biol** 1984;175:133-43

Comparative effects of urapidil, prazosin, and clonidine on ligand binding to central nervous system receptors, arterial pressure, and heart rate in experimental animals. Kellar KJ, et al. **Am J Med** 1984 Oct 5;77(4A):87-95

Agonist-mediated regulation of alpha 1- and beta 2-adrenergic receptors in cloned MDCK cells. Meier KE, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C69-77

Effects of alpha-agonist on renin and prostaglandin E2 release in anesthetized dogs. Takahashi K, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E604-8

Sensitivity of the myenteric plexus alpha2-receptor from guinea pig treated with clonidine or guanfacine. Martín MI, et al. **Arch Farmacol Toxicol** 1984 Aug;10(2):115-9

Alpha-adrenoceptor stimulation enhances automaticity in barium-treated cardiac Purkinje fibers. Amerini S, et al. **Arch Int Pharmacodyn Ther** 1984 Jul;270(1):97-105

Clonidine-induced desensitization differentiates presynaptic alpha-2 adrenoceptors of the guinea-pig ileum and rat vas deferens. Ilhan M, et al. **Arch Int Pharmacodyn Ther** 1985 Jun;275(2):199-207

Alpha 2 adrenoceptor-mediated contraction of frog rectus abdominis muscle. Parle M, et al. **Arch Int Pharmacodyn Ther** 1984 Sep;271(1):122-6

Interference of enantiomers of lofexidine with alpha-adrenoceptors. Wilffert B, et al. **Arch Int Pharmacodyn Ther** 1985 Jan;273(1):18-32

Inhibition of [3H]clonidine binding to rat brain alpha-adrenoceptors by imidazolidines. Correlation of binding potency and hypotensive activity. Bechtel WD, et al. **Arzneimittelforsch** 1985;35(1A):428-31

Postjunctional alpha-adrenoceptors and influence of angiotensin II in different isolated blood vessels. Palluk R, et al. **Arzneimittelforsch** 1985;35(1A):395-401

Phorbol ester-induced contraction of arterial smooth muscle and inhibition of alpha-adrenergic response. Danthuluri NR, et al. **Biochem Biophys Res Commun** 1984 Dec 28; 125(3):1103-9

Effects of dihydropyridine calcium channel blocking drugs on rat brain muscarinic and alpha-adrenergic receptors. Thayer SA, et al. **Biochem Pharmacol** 1985 Jan 15; 34(2):175-80

Possible involvement of two mechanisms of signal transduction in alpha 1-adrenergic action. Selective effect of cycloheximide. Huerta-Bahena J, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):131-7

Effects of ethanol ingestion on alpha-adrenoceptor-mediated circulatory responses in man. Eisenhofer G, et al. **Br J Clin Pharmacol** 1984 Oct;18(4):581-6

Effects of 3,4-diaminopyridine and tetraethylammonium on the pre- and post-junctional alpha-adrenoceptor mediated inhibitory actions of noradrenaline in the guinea-pig ileum. Bauer V. **Br J Pharmacol** 1985 May;85(1):171-7

Evidence for the lack of interaction between (+/-)-1-O-octadecyl-2-acetylglyceryl-3-phosphorylchol and alpha-adrenoceptors in vivo and in vitro. Cervoni P, et al. **Br J Pharmacol** 1984 Oct;83(2):511-7

Effects of chronic administration of amitriptyline or mianserin on rat cardiac and central adrenoceptors. Choudhury L, et al. **Br J Pharmacol** 1985 Jul;85(3):635-8

Effects of raubasine stereoisomers on pre- and postsynaptic alpha-adrenoceptors in the rat vas deferens. Demichel P, et al. **Br J Pharmacol** 1984 Oct;83(2):505-10

Evidence for neuro-effector transmission through postjunctional alpha 2-adrenoceptors in human saphenous vein. Docherty JR, et al. **Br J Pharmacol** 1985 Feb; 84(2):573-6

2-Alkyl analogue of idazoxan (RX 781094) with enhanced antagonist potency and selectivity at central alpha 2-adrenoceptors in the rat. Gadie B, et al. **Br J Pharmacol** 1984 Nov;83(3):707-12

Interaction between the inhibitory action of acetylcholine and the alpha-adrenoceptor autoinhibitory feedback system on release of [3H]-noradrenaline from rat atria and rabbit ear artery. Loiacono RE, et al. **Br J Pharmacol** 1985 Mar; 84(3):697-705

Characterization of the spinal adrenergic receptors mediating the spinal effects produced by the microinjection of morphine into the periaqueductal gray. Camarata PJ, et al. **Brain Res** 1985 Jun 10;336(1):133-42

Long-term treatment with clonidine and alpha-receptors in the brain of normotensive rats. Cerrito F, et al. **Brain Res** 1984 Oct 29;321(1):45-54

An alpha 2 receptor mediates the selective inhibition by noradrenaline of nociceptive responses of identified dorsal horn neurones. Fleetwood-Walker SM, et al. **Brain Res** 1985 May 20;334(2):243-54

Estradiol modulation of alpha 2-noradrenergic receptors in guinea pig brain assessed by tritium-sensitive film autoradiography. Johnson AE, et al. **Brain Res** 1985 Jun 10;336(1):153-7

Effect of intracerebroventricularly administered octopamines and synephrines on angiotensin II-induced water intake in rats. Fregly MJ, et al. **Brain Res Bull** 1984 Aug; 13(2):293-7

Antagonism by the tetramine disulfide benextramine of the inhibitory effects mediated by prejunctional alpha 2-adrenoceptors and by postjunctional histamine H2 receptors in the mouse vas deferens. Vohra MM, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1147-51

Impaired inotropic responses to alpha-adrenergic stimulation in experimental left ventricular hypertrophy. Fouad FM, et al. **Circulation** 1985 May;71(5):1023-8

Delayed afterdepolarizations and triggered activity induced in feline Purkinje fibers by alpha-adrenergic stimulation in the presence of elevated calcium levels. Kimura S, et al. **Circulation** 1984 Dec;70(6):1074-82

Evidence for a modulation by neuropeptide Y of the alpha-2 adrenergic transmission line in central adrenaline synapses. New possibilities for treatment of hypertensive disorders. Fuxe K, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1951-6

Studies on neuropeptide-Y catecholamine interactions in central cardiovascular regulation in the alpha-chloralose anaesthetized rat. Evidence for a possible new way of activating the alpha-2 adrenergic transmission line. Härfstrand A, et al. **Clin Exp Hypertens [A]** 1984; 6(10-11):1947-50

Effects of naloxone on the cardiovascular responses to clonidine, alpha-methyldopa and 6-hydroxydopamine in conscious normotensive and spontaneously hypertensive rats. Head GA, et al. **Clin Exp Hypertens [A]** 1984; 6(10-11):2051-4

Investigations into the nature of alpha 2-adrenoceptors in rat tail arteries. Marwood JF, et al. **Clin Exp Pharmacol Physiol** 1985 May-Jun;12(3):231-4

Nifedipine and alpha adrenoceptor antagonism. Murphy MB, et al. **Clin Pharmacol Ther** 1984 Dec;36(6):745-9

Effects of desipramine on stimulation-induced contractions of the vas deferens of rats pretreated either chronically with desipramine or acutely with idazoxan. Doxey JC, et al. **Clin Sci** 1985;68 Suppl 10:155s-159s

Acute and chronic regulation of alpha 2-adrenoceptor number and function in man. Jones CR, et al. **Clin Sci** 1985; 68 Suppl 10:129s-132s

Factors determining alpha-adrenoceptor-mediated responses of human digital arteries and metacarpal veins. Stevens MJ, et al. **Clin Sci** 1985;68 Suppl 10:31s-33s

Alpha- and beta-adrenoceptor changes in patients on maintenance hemodialysis. Brodde OE, et al. **Contrib Nephrol** 1984;41:99-107

Trials of serotonin, substance P and alpha 2-adrenergic receptor effects on the equine large colon. Sellers AF, et al. **Cornell Vet** 1985 Apr;75(2):319-23

Thyrotropin releasing hormone and naloxone attenuate the antihypertensive action of central alpha 2-adrenoceptor stimulation through different mechanisms. Kunos G, et al. **Endocrinology** 1984 Dec;115(6):2481-3

The contractions induced in rat and guinea-pig aortic strips by the alpha 2-adrenoceptor selective agonists B-HT 920 and UK 14,304 are mediated by alpha 1-adrenoceptors. Beckeringh JJ, et al. **Eur J Pharmacol** 1984 Sep 17; 104(3-4):197-203

alpha 1-Antagonist activity of the alpha 2-adrenoceptor agonist guanabenz in perfused mesenteric artery of the rat. Bognar IT, et al. **Eur J Pharmacol** 1984 Aug 3; 103(1-2):173-5

Electrophysiological and receptor studies in rat brain: effects of clorgyline. Campbell IC, et al. **Eur J Pharmacol** 1985 May 20;111(3):355-64

A possible alpha 2-adrenergic component in the in vivo activity of pirenperone. Colpaert FC, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):169-71

Dopamine preferentially stimulates postsynaptic alpha 2-adrenoceptors in the femoral vascular bed, but alpha 1-adrenoceptors in the renal vascular bed of the anaesthetised dog. Duval N, et al. **Eur J Pharmacol** 1985 Feb 5;108(3):265-72

Functional characterization of the pre- and postjunctional alpha-adrenoceptors in the in situ perfused rat mesenteric vascular bed. Eikenburg DC. **Eur J Pharmacol** 1984 Oct 1;105(1-2):161-5

Differential effects of adrenergic agonists and phorbol esters on the alpha 1-adrenoceptors of hepatocytes and aorta. García-Sáinz JA, et al. **Eur J Pharmacol** 1985 Jun 19; 112(3):393-7

Measurements of 45Ca2+ uptake and contractile responses after activation of postsynaptic alpha 1-adrenoceptors in the isolated canine saphenous vein: effects of calcium entry blockade. Jim KF, et al. **Eur J Pharmacol** 1985 Jan 2; 107(2):199-208

The importance of the alpha-adrenoceptor agonist activity of dobutamine to inotropic selectivity in the anaesthetized cat. Kenakin TP, et al. **Eur J Pharmacol** 1985 May 20; 111(3):347-54

Interaction of tachykinins with an adrenergic receptor in the rat urinary bladder. Mathison R, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):327-33

Chronic clonidine induces functional down-regulation of presynaptic alpha 2-adrenoceptors regulating [3H]noradrenaline and [3H]5-hydroxytryptamine release in the rat brain. Maura G, et al. **Eur J Pharmacol** 1985 May 28;112(1):105-10

Increased myocardial alpha 1 adrenoceptor density in rats chronically treated with propranolol. Mügge A, et al. **Eur J Pharmacol** 1985 Jun 7;112(2):249-52

The alpha 2-adrenoceptor selectivities and haemodynamic effects of WY26392 and yohimbine in the anaesthetised dog. Paciorek PM, et al. **Eur J Pharmacol** 1985 Apr 2; 110(2):191-201

Trifluoperazine antagonizes postsynaptic alpha 1-but not alpha 2-adrenoceptor-mediated pressor responses in the rat. Pruneau D, et al. **Eur J Pharmacol** 1984 Oct 15; 105(3-4):343-6

Presynaptic alpha 2-adrenoceptor subsensitivity in the morphine-withdrawn mouse vas deferens. Rae GA, et al. **Eur J Pharmacol** 1984 Sep 17;104(3-4):261-6

Inhibition of the alpha 1 and alpha 2-adrenoceptor-mediated pressor response in pithed rats by raubasine, tetrahydroalstonine and akuammigine. Roquebert J, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):203-5

Effects of iminodibenzyl antipsychotic drugs on cerebral dopamine and alpha-adrenergic receptors. Setoguchi M, et al. **Eur J Pharmacol** 1985 Jun 19;112(3):313-22

Lack of effect of D600 on alpha 1-adrenoceptor-mediated contractions of rat isolated anococcygeus muscle. Vila E, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):97-105

Evaluation of the alpha 1- and alpha 2-adrenoceptor effects of detomidine, a novel veterinary sedative analgesic. Virtanen R, et al. **Eur J Pharmacol** 1985 Jan 22;108(2):163-9

Heterogeneity of the interaction between alpha 1- and alpha 2-adrenoceptor agonists with their respective receptors in the vascular system of the pithed rat. Wilffert B, et al. **Eur J Pharmacol** 1984 Oct 1;105(1-2):121-7

Alpha-adrenergic antagonists: correlation of the effect on intraocular pressure and on alpha 2-adrenergic receptor binding specificity in the rabbit eye. Mittag TW, et al. **Exp Eye Res** 1985 Apr;40(4):591-9

Influence of captopril and enalapril on regional vascular alpha-adrenergic receptor reactivity in SHR. Richer C, et al. **Hypertension** 1984 Sep-Oct;6(5):666-74

Application of agents active at the alpha 2-adrenoceptor of fat cells to the treatment of obesity--a critical appraisal. Curtis-Prior PB, et al. **Int J Obes** 1984;8 Suppl 1:201-13 (46 ref.)

New perspectives in cardiopulmonary therapeutics: receptor-selective adrenergic drugs. Adams HR. **J Am Vet Med Assoc** 1984 Nov 1;185(9):966-74 (45 ref.)

Recovery of alpha-adrenoreceptor mediated responses and binding site number after intravenous benextramine in the rabbit. Furnace G, et al. **J Auton Pharmacol** 1985 Mar; 5(1):13-7

Interactions of dimethoxy-substituted tolazoline derivatives with alpha 1- and alpha 2-adrenoreceptors in vitro. Ruffolo RR Jr, et al. **J Auton Pharmacol** 1985 Mar;5(1):71-9

Alpha 1- and alpha 2-adrenoceptor-mediated pressor responses: are they differentiated by calcium antagonists or by functional antagonism? Lew MJ, et al. **J Cardiovasc Pharmacol** 1985 Mar-Apr;7(2):401-8

Existence of spare alpha 1-adrenoreceptors, but not alpha 2-adrenoreceptors, for respective vasopressor effects of cirazoline and B-HT 933 in the pithed rat. Ruffolo RR Jr, et al. **J Cardiovasc Pharmacol** 1984 Nov-Dec; 6(6):1011-9

Role of vascular alpha 2-adrenoceptors as targets for circulating catecholamines in the maintenance of blood pressure in anaesthetised spontaneously hypertensive rats. Sawyer R, et al. **J Cardiovasc Pharmacol** 1985 Jul-Aug; 7(4):809-12

Sodium chloride-induced partial inhibition in vivo of alpha 2-adrenoceptor agonist function. Kohlmann O Jr, et al. **J Hypertens** 1985 Jun;3(3):269-74

Effect of alpha-adrenergic blockade on arrhythmias induced by acute myocardial ischemia and reperfusion in the dog. Bolli R, et al. **J Mol Cell Cardiol** 1984 Dec;16(12):1101-17

Anaphylatoxin C5a modulation of an alpha-adrenergic receptor system in the rat hypothalamus. Williams CA, et al. **J Neuroimmunol** 1985 Jul;9(1-2):29-40

The action and interaction of beta-phenethylamines and imidazolines on prejunctional alpha 2-adrenoceptors of guinea-pig ileum in the presence of the non-competitive antagonist benextramine. Mottram DR, et al. **J Pharm Pharmacol** 1984 Oct;36(10):668-72

Pharmacological characterization of postsynaptic alpha-adrenoceptor subtypes in five different dog arteries in-vitro. Polónia JJ, et al. **J Pharm Pharmacol** 1985 Mar; 37(3):205-8

Peripheral cardiovascular alpha- and beta-adrenergic effects of some hypotensive and bradycardic arylalkyl imidazole derivatives in the rat. Savola JM, et al. **J Pharm Pharmacol** 1985 Jun;37(6):410-4

Anticonvulsant activity of diphenylhydantoin: pharmacological evidence for an alpha-adrenergic mechanism of action. Poncelet M, et al. **J Pharmacol** 1984 Oct-Dec;15(4):427-32

Nimodipine and inhibition of alpha adrenergic activation of the isolated canine saphenous vein. Cooke JP, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):598-602

Effect of imipramine and adrenocorticotropin administration on the rat brain norepinephrine-coupled cyclic nucleotide generating system: alterations in alpha and beta adrenergic components. Duman RS, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):409-14

Dopamine receptor stimulating and alpha adrenoceptor blocking actions of trans (CS-265) and cis (CS-263) isomers of nonhydroxylated N-propyl octahydrobenzo[F]quinoline. Ilhan M, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):361-6

Solubilization and characterization of putative alpha-2 adrenergic isoceptors from the human platelet and the rat cerebral cortex. Kawahara RS, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):603-10

Alpha adrenoceptor number limits response of some rabbit arteries to norepinephrine. Laher I, et al. **J Pharmacol Exp Ther** 1985 May;233(2):290-7

Reserpine-induced postjunctional supersensitivity in rat vas deferens and caudal artery without changes in alpha adrenergic receptors. Nasseri A, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):350-7

Calcium entry blockade by nitrendipine and alpha adrenergic responsiveness in vivo: comparison of systemic vs. local effects. Pedrinelli R, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):643-9

Calcium entry blockade by nitrendipine and alpha adrenergic responsiveness in vivo: comparison with noncalcium entry blocker vasodilators in absence and presence of phenoxybenzamine pretreatment. Pedrinelli R, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):636-42

Effect of local alpha-adrenergic blockade on human penile erection. Blum MD, et al. **J Urol** 1985 Sep;134(3):479-81

A pharmacological study of alpha adrenergic receptor subtypes in smooth muscle of human urinary bladder base and prostatic urethra. Kunisawa Y, et al. **J Urol** 1985 Aug; 134(2):396-8

Selective interaction of DG-5128 with a low agonist affinity state of alpha-2 adrenoceptor. Yamanaka K, et al. **Jpn J Pharmacol** 1985 Mar;37(3):293-5

The effect of pertussis toxin on alpha-2-adrenoceptor-mediated pigment migration in fish melanophores. Karlsson JO, et al. **Life Sci** 1985 Sep 16; 37(11):1043-9

Hypotension after quinidine plus verapamil. Possible additive competition at alpha-adrenergic receptors. Maisel AS, et al. **N Engl J Med** 1985 Jan 17;312(3):167-70

Guanabenz acetate: a new, long-acting alpha-two adrenergic agonist for opioid withdrawal. Tennant FS Jr, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:338-43

Vasoconstrictor and norepinephrine potentiating action of 5-hydroxykynuramine in the isolated perfused rat kidney: involvement of serotonin receptors and alpha 1-adrenoceptors. Charlton KG, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Dec; 328(2):154-9

6-Hydroxydopamine pretreatment effects on alpha- and beta-adrenergic receptor adaptation to clorgyline. Cohen RM, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Apr;329(2):158-61

Effect of pithing on the postjunctional sympatho-inhibitory action of captopril in cats. de Jonge A, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Nov; 328(1):30-2

Studies on YM-12617: a selective and potent antagonist of postsynaptic alpha 1-adrenoceptors. Honda K, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan; 328(3):264-72

Effects of guanabenz and guanfacine on postsynaptic alpha 2-adrenoceptors in the rat submaxillary and parotid glands. Kaniucki MD, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 May; 329(3):289-92

Clonidine inhibits salivary secretion by activation of postsynaptic alpha 2-receptors. Kaniucki MD, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Jul; 326(4):313-6

Relationship between alpha 1-adrenoceptor density and functional response of rat vas deferens. Studies with phenoxybenzamine. Minneman KP, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Sep; 327(3):238-46

Alpha-adrenoceptors, 5-hydroxytryptamine receptors and the action of dihydroergotamine in human venous preparations obtained during saphenectomy procedures for varicose veins. Müller-Schweinitzer E. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Oct; 327(4):299-303

Interactions of the enantiomers of 3-O-methyldobutamine with alpha- and beta-adrenoceptors in vitro. Ruffolo RR Jr, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 May; 329(3):244-52

Interactions of three inotropic agents, ASL-7022, dobutamine and dopamine, with alpha- and beta-adrenoceptors in vitro. Ruffolo RR Jr, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Jul; 326(4):317-26

Effects of the irreversible alpha-adrenoceptor antagonists phenoxybenzamine and benextramine on the effectiveness of nifedipine in inhibiting alpha 1- and alpha 2-adrenoceptor mediated vasoconstriction in pithed rats. Timmermans PB, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jun; 329(4):404-13

Effects of alpha 2-agonists on morphine withdrawal behaviour: potentiation of jumping mediated by alpha 2-receptors. van der Laan JW. **Naunyn Schmiedebergs Arch Pharmacol** 1985 May; 329(3):293-8

Tizanidine (DS103-282), a centrally acting muscle relaxant, selectively depresses excitation of feline dorsal horn neurones to noxious peripheral stimuli by an action at alpha 2-adrenoceptors. Davies J, et al. **Neurosci Lett** 1984 Jul 27;48(2):197-202

Effect of postganglionic denervation and pretreatment with reserpine on alpha-adrenoceptors of the guinea-pig vas deferens. Cowan FF Jr, et al. **Pharmacology** 1985; 30(5):289-95

Interaction between dilazep and alpha-adrenoceptors. Qian JQ, et al. **Pharmacology** 1984;29(4):198-203

A search for new antihypertensive agents. I. Alpha-adrenergic activity and selection of structures among pyrazine substituted imidazolines. Kaliszan R, et al. **Pol J Pharmacol Pharm** 1985 Jan-Feb;37(1):79-88

Prostaglandins, alpha-adrenergic receptors and lipolysis in hamster fat cells. Tan S, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):117-23

Measurement of the GH and other responses to clonidine at different times of the day in normal subjects. Honer WG, et al. **Psychoneuroendocrinology** 1984;9(3):279-84

Acquisition by innervated cardiac myocytes of a pertussis toxin-specific regulatory protein linked to the alpha 1-receptor. Steinberg SF, et al. **Science** 1985 Oct 11; 230(4722):186-8

Pharmacological comparison of isolated monkey and dog cerebral arteries. Sasaki T, et al. **Stroke** 1985 May-Jun; 16(3):482-9

[Adrenergic mechanisms in the hypotensive action of a piperazine derivative of 2-aminotetralin] Mutafova-Iambolieva V, et al. **Eksp Med Morfol** 1985; 24(1):8-12 (Eng. Abstr.) **(Bul)**

[Spinal alpha-adrenoceptor and dynorphin involvement in the depressor effect of clonidine] Xie CW, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):235-8 (Eng. Abstr.) **(Chi)**

[Spinal alpha-adrenoceptor and dynorphin involvement in the depressor effect of clonidine] Xie CW, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):235-8 (Eng. Abstr.) **(Chi)**

[Stimulation of alpha adrenergic receptors by isoproterenol] Zhang PW. **Sheng Li Ko Hsueh Chin Chan** 1984 Apr; 15(2):175-7 **(Chi)**

[Characterization of the alpha adrenoreceptors in the vascular bed of the isolated rat kidney] Imbs JL, et al. **Arch Mal Coeur** 1984 Oct;77(11):1191-4 (Eng. Abstr.) **(Fre)**

[Effect of 2 new derivatives of imidazoline and their optical isomers on postsynaptic alpha adrenergic receptors in pithed rats] Joly G, et al. **C R Acad Sci [III]** 1984; 299(4):73-5 (Eng. Abstr.) **(Fre)**

[Nicardipine: experimental antihypertensive action and interactions with the alpha-adrenergic sympathetic system] Richer C, et al. **J Pharmacol** 1985 Jan-Mar;16(1):45-58 (Eng. Abstr.) **(Fre)**

[Central alpha 2-adrenergic receptors in the rat: effect of sodium in vitro] Parini A, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1183-9 (Eng. Abstr.) **(Ita)**

[Catecholamine receptors and antagonists: b. Presynaptic receptors] Tsuda K, et al. **Nippon Rinsho** 1985 May; 43(5):935-42 (40 ref.) **(Jpn)**

[Dopamine-induced up-regulation of alpha 2-adrenoceptors in crude synaptic membranes of rat brain] Kohno Y, et al. **Nippon Yakurigaku Zasshi** 1985 Mar;85(3):173-83 (Eng. Abstr.) **(Jpn)**

[Changes in renal blood flow and uropoiesis during alpha-adrenoreceptor blockade in shock] Zak VI, et al. **Anesteziol Reanimatol** 1985 Mar-Apr;(2):27-30 (Eng. Abstr.) **(Rus)**

[Effect of the chronic use of propranolol on the specific binding of 3H-WB-4101 with the membranes of the mesenteric vessels in rats] Ismailov ShI, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):38-40 (Eng. Abstr.) **(Rus)**

[Role of central alpha-adrenoreceptors in the mechanism of the hyperthermic action of prostaglandin E2] Gurin VN, et al. **Farmakol Toksikol** 1984 Nov-Dec;47(6):29-32 (Eng. Abstr.) **(Rus)**

[Effect of alpha- and beta-adrenoreceptor blockade on the secretory process in the rat pancreas] Kuznetsova OA, et al. **Fiziol Zh** 1985 Jan-Feb;31(1):83-5 **(Rus)**

[Kidney reaction to an increase in extracellular fluid volume in adrenoreceptor blockage] Petriuk AE. **Fiziol Zh** 1984 Nov-Dec;30(6):736-9 **(Rus)**

[Effect of the blockade of alpha- and beta adrenergic receptors on the release of hemocoagulating compounds from the intestine into the blood] Golyshenkov SP. **Fiziol Zh SSSR** 1985 Feb;71(2):226-30 (Eng. Abstr.) **(Rus)**

[Importance of adrenoreactive vessels in the mechanisms of the vasoconstrictor response to hyperoxia] Leonov AN, et al. **Fiziol Zh SSSR** 1985 Jan;71(1):126-30 (Eng. Abstr.) **(Rus)**

[Characterization of the effects of a derivative of pyridoindole (DH-1011) on alpha2-adrenergic membrane receptors in the smooth muscle of mesenteric arteries and coronary arteries] Dřímal J, et al. **Bratisl Lek Listy** 1985 Apr;83(4):353-61 (Eng. Abstr.) **(Slo)**

ISOLATION & PURIFICATION

Purification and biochemical characterization of alpha 2-adrenergic receptor from the rat adrenocortical carcinoma. Jaiswal RK, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):58-64

Solubilization of active alpha-2 adrenergic receptor from rat brain: regulation by cations and GTP. Matsui H, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3311-4

The resolution of agonist alpha 2-adrenergic receptor complexes from unoccupied receptors or antagonist-alpha 2 receptor complexes using DEAE chromatography. Limbird LE, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985;10(1):75-82

Solubilization and characterization of rat brain alpha 2-adrenergic receptor. Matsui H, et al. **J Neurochem** 1985 May;44(5):1625-32

Alpha 1-adrenergic receptor structure. Venter JC, et al. **Mol Pharmacol** 1984 Sep;26(2):196-205

METABOLISM

Altered plasma catecholamines and numbers of alpha- and beta-adrenergic receptors in platelets and leucocytes in hyperthyroid patients normalized under antithyroid treatment. Ratge D, et al. **Acta Endocrinol (Copenh)** 1985 Sep;110(1):75-82

Regulation of alpha 2 adrenoceptors by nucleotides, ions, and agonists: comparison in cells of neural and nonneural origin. Mitrius JC, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:57-73

ADP-ribosylation of the inhibitory guanine nucleotide regulatory protein (Ni) as a possible mechanism underlying development of beta-adrenergic responses during primary culture of rat hepatocytes. Ui M, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:195-205

Evidence for alpha 2 adrenergic receptors in bovine cerebral arteries. Taniguchi T, et al. **Adv Exp Med Biol** 1984; 175:127-32

The alpha 2-adrenergic system of the platelet in cystic fibrosis. Davis PB, et al. **Am J Med Sci** 1984 Oct; 288(3):104-8

Human myometrial adrenergic receptors during pregnancy: identification of the alpha-adrenergic receptor by [3H] dihydroergocryptine binding. Jacobs MM, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):680-4

Regional differences in alpha 1-adrenoceptor numbers and responses in canine aorta. Griendling KK, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):H928-35

alpha 1-Receptor localization in rat heart and kidney using autoradiography. Muntz KH, et al. **Am J Physiol** 1985 Sep; 249(3 Pt 2):H512-9

Alpha2-adrenoceptors and cellular cAMP levels in single nephron segments from the rat. Umemura S, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F28-33

Jejunal-ileal differences in dopaminergic but not alpha-adrenergic antisecretory effects. Wahawisan R, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G332-6

Platelet alpha 2-adrenergic receptor binding and plasma catecholamines. Before and during imipramine treatment in patients with panic anxiety. Cameron OG, et al. **Arch Gen Psychiatry** 1984 Dec;41(12):1144-8

Identification and characterization of 3H-prazosin binding to alpha 1-adrenoceptors in bovine teat muscles. Roets E, et al. **Arch Int Pharmacodyn Ther** 1985 Jun;275(2):189-98

Effects of celiprolol (REV 5320), a new cardioselective beta-adrenoceptor antagonist, on in vitro adenylate cyclase, alpha- and beta-adrenergic receptor binding and lipolysis. Van Inwegen RG, et al. **Arch Int Pharmacodyn Ther** 1984 Nov;272(1):40-55

Thermodynamics of agonist and antagonist binding to the alpha 1-adrenoceptor studied using [125I]BE 2254. Adams A, et al. **Biochem Biophys Res Commun** 1985 Apr 30; 128(2):816-23

Activation of calcium mobilization and calcium influx by alpha 1-adrenergic receptors in a smooth muscle cell line. Reynolds EE, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):627-32

Direct and indirect effects of sulfhydryl blocking agents on agonist and antagonist binding to central alpha 1- and alpha 2-adrenoceptors. Quennedey MC, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):3923-8

Comparison of postnatal changes in alpha 1-adrenoceptor binding and adrenergic stimulation of phosphoinositide hydrolysis in rat cerebral cortex. Schoepp DD, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2705-11

Photoaffinity labeling of the alpha 1-adrenergic receptor using an 125I-labeled aryl azide analogue of prazosin. Seidman CE, et al. **Biochemistry** 1984 Jul 31;23(16):3765-70

Regulation of liver lipase. II. Involvement of the alpha 1-receptor. Schoonderwoerd K, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):481-6

Platelet alpha-2-adrenergic dysfunction in negative symptom schizophrenia: a preliminary study. Rosen J, et al. **Biol Psychiatry** 1985 May;20(5):539-45

Interaction of neuroleptics and antidepressants with rat brain alpha 2-receptors: a possible relationship between alpha 2-receptor antagonism and antidepressant action. Tsukamoto T, et al. **Biol Psychiatry** 1984 Sep;19(9):1283-91

[3H]dihydroergocryptine binding to alpha-adrenoceptors in human femoral veins and arteries. Kaiser B, et al. **Biomed Biochim Acta** 1984;43(4):439-46

Increased alpha 1-adrenergic receptor density in brown adipose tissue of cafeteria-fed rats. Raasmaja A, et al. **Biosci Rep** 1984 Oct;4(10):851-9

Affinities of adrenergic drugs for alpha 2-adrenoceptors in dog saphenous vein in comparison with those in rat brain or human platelets. Sogabe K, et al. **Blood Vessels** 1985; 22(3):127-38

[3H]-rauwolscine binding to alpha 2-adrenoceptors in the mammalian kidney: apparent receptor heterogeneity between species. Neylon CB, et al. **Br J Pharmacol** 1985 Jun;85(2):349-59

Laminar distribution of alpha 1- and beta 1-adrenoceptors in ferret visual cortex. Goffinet A, et al. **Brain Res** 1985 Apr 29;333(1):11-7

Changes in brain alpha-adrenoceptors with increasing age in rabbits. Hamilton CA, et al. **Brain Res** 1984 Nov 19; 322(1):177-9

Axonal transport and presynaptic location of alpha 2-adrenoreceptors in locus coeruleus neurons. Levin BE. **Brain Res** 1984 Oct 29;321(1):180-2

Initial detection of [3H]clonidine binding to solubilized rat brain alpha 2-adrenergic receptors: regulation by guanine nucleotides. Matsui H, et al. **Brain Res** 1984 Dec 24; 324(2):369-73

Computer-assisted image analysis to quantify regional and specific receptor ligand binding: upregulation of [3H]QNB and [3H]WB4101 binding in denervated hippocampus. Tayrien MW, et al. **Brain Res Bull** 1984 Dec;13(6):743-50

Alpha-adrenoceptor stimulation, lysophosphoglycerides, and lipid peroxidation in reoxygenation induced calcium uptake in rabbit myocardium. Tones MA, et al. **Cardiovasc Res** 1985 Apr;19(4):228-36

Autoradiographic demonstration of alpha 2 adrenoceptors in the bovine neurohypophysis. Morris B, et al. **Cell Tissue Res** 1984;237(2):387-9

Renal nerve stimulation causes alpha 1-adrenoceptor-mediated sodium retention but not alpha 2-adrenoceptor antagonism of vasopressin. Smyth DD, et al. **Circ Res** 1985 Aug;57(2):304-11

Altered platelet alpha 2 adrenoreceptors in orthostatic hypotension. Weiss RJ, et al. **Clin Cardiol** 1984 Nov; 7(11):599-602

Platelet alpha-2 adrenoceptors and the menstrual cycle. Sundaresan PR, et al. **Clin Pharmacol Ther** 1985 Mar; 37(3):337-42

What do antagonists tell us about alpha-adrenoceptors? Drew GM. **Clin Sci** 1985;68 Suppl 10:15s-19s

Ca2+ sources mobilized by alpha 1-receptor activation in vascular smooth muscle. Leijten P, et al. **Clin Sci** 1985;68 Suppl 10:47s-50s

alpha-Adrenoceptor agonists and the Ca2+-dependence of smooth muscle contraction: evidence for subtypes of receptors or for agonist-dependent differences in the agonist-receptor interaction? McGrath JC. **Clin Sci** 1985; 68 Suppl 10:55s-63s

Inositol lipid breakdown as a step in alpha-adrenergic stimulus-response coupling. Michell RH. **Clin Sci** 1985;68 Suppl 10:43s-46s

alpha-Adrenoceptor-effector coupling: affinity states or heterogeneity of the alpha 2-adrenoceptor? Nahorski SR, et al. **Clin Sci** 1985;68 Suppl 10:39s-42s

Vascular alpha-adrenoceptors in man: interactions with adrenaline and noradrenaline. van Brummelen P, et al. **Clin Sci** 1985;68 Suppl 10:151s-153s

Alpha-adrenoceptors: recent development and some comparative aspects. Johansson P. **Comp Biochem Physiol** [C] 1984;78(2):253-61 (106 ref.)

Characterization of dog platelet alpha-adrenergic receptor: lack of in vivo down regulation by adrenergic agonist treatments. Villeneuve A, et al. **Comp Biochem Physiol** [C] 1985;81(1):181-7

An in vivo model for dissociating alpha 2-and DA2-adrenoceptor activity in an ocular adnexa: utility of the cat nictitating membrane preparation. Potter DE, et al. **Curr Eye Res** 1984 Nov;3(11):1289-98

Quantitative analysis of rat brain alpha 2-receptors discriminated by [3H]clonidine and [3H]rauwolscine. Asakura M, et al. **Eur J Pharmacol** 1984 Oct 30; 106(1):141-7

alpha 2-Adrenoceptors in the HT 29 human colon adenocarcinoma cell line: characterization with [3H]clonidine; effects on cyclic AMP accumulation. Bouscarel B, et al. **Eur J Pharmacol** 1985 Jan 2; 107(2):223-31

Role of endothelium in the binding of [3H]prazosin to the aortic alpha 1-adrenergic receptors. Carman-Kržan M. **Eur J Pharmacol** 1985 Apr 23;111(1):137-8

Modulation of noradrenaline release in human saphenous vein via presynaptic alpha 2-adrenoceptors. Göthert M, et al. **Eur J Pharmacol** 1984 Jul 13;102(2):261-7

[3H]p-Aminoclonidine binding to multiple alpha 2-adrenoceptor sites in homogenates of cat frontal cortex and cat spinal cord. Howe JR, et al. **Eur J Pharmacol** 1984 Nov 27;106(3):547-59

Alpha 1- and beta-adrenergic and muscarinic cholinergic receptors in guinea-pig nasal mucosa. Ishibe T, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):107-12

The effects of sexual maturation on alpha-adrenoceptors in female rabbits. Mishra N, et al. **Eur J Pharmacol** 1985 Jun 7;112(2):243-7

Relationship between alpha 2-adrenoceptor occupancy and response for B-HT 933 in canine saphenous vein. Ruffolo RR Jr, et al. **Eur J Pharmacol** 1985 May 8;111(2):267-71

Human platelet alpha 2-adrenoceptors: relationship between radioligand binding studies and adrenaline-induced aggregation in normal individuals. Swart SS, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):25-32

Presence of presynaptic inhibitory alpha 1-adrenoceptors in the cardiac sympathetic nerves of the dog: effects of prazosin and yohimbine on sympathetic neurotransmission to the heart. Uchida W, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):51-6

Alpha 1- and alpha 2-adrenoceptors in the smooth muscle of isolated rabbit urinary bladder and urethra. Ueda S, et al. **Eur J Pharmacol** 1984 Aug 17;103(3-4):249-54

Transient high-affinity binding of agonists to alpha 1-adrenergic receptors of intact liver cells. Schwarz KR, et al. **FEBS Lett** 1985 Aug 5;187(2):205-10

Changes in brain alpha-adrenergic receptors after alpha-methyldopa administration to spontaneously hypertensive rats. Freed CR, et al. **Hypertension** 1984 Sep-Oct;6(5 Pt 2):I134-9

Effects of methyldopa metabolites on amine transmitters and adrenergic receptors in rat brain. Louis WJ, et al. **Hypertension** 1984 Sep-Oct;6(5 Pt 2):I140-4 (37 ref.)

alpha 1-Adrenergic receptor binding in the spontaneously hypertensive rat. Pullen GL, et al. **Hypertension** 1985 May-Jun;7(3 Pt 1):333-9

Receptor-selective localization in pancreas. Gibson RE, et al. **Int J Nucl Med Biol** 1985;12(1):29-32

Affinity of WY 26703 for central and peripheral alpha 1- and alpha 2-adrenoreceptors in the rat; comparison with yohimbine. Korstanje C, et al. **J Auton Pharmacol** 1984 Dec;4(4):287-93

Interaction of the enantiomers of 3-0-methyldobutamine, a metabolite of dobutamine, with alpha- and beta-adrenoreceptors in the cardiovascular system of the pithed rat. Ruffolo R Jr, et al. **J Auton Pharmacol** 1984 Dec;4(4):295-302

Reciprocal expressions of alpha 1- and beta-adrenergic receptors, but constant expression of glucagon receptor by rat hepatocytes during development and primary culture. Nakamura T, et al. **J Biochem (Tokyo)** 1984 Jul; 96(1):127-36

The relationship between alpha 1-adrenergic receptor occupation and the mobilization of intracellular calcium. Amitai G, et al. **J Biol Chem** 1984 Oct 25;259(20):12519-27

Action of the cardiac alpha 1-adrenergic receptor. Activation of cyclic AMP degradation. Buxton IL, et al. **J Biol Chem** 1985 Jun 10;260(11):6733-7

Association of the changes in cytosolic Ca2+ and iodide efflux induced by thyrotropin and by the stimulation of alpha 1-adrenergic receptors in cultured rat thyroid cells. Corda D, et al. **J Biol Chem** 1985 Aug 5;260(16):9230-6

Conversion of adrenergic mechanism from an alpha- to a beta-type during primary culture of rat hepatocytes. Accompanying decreases in the function of the inhibitory guanine nucleotide regulatory component of adenylate cyclase identified as the substrate of islet-activating protein. Itoh H, et al. **J Biol Chem** 1984 Dec 25;259(24):15464-73

Studies on the hepatic alpha 1-adrenergic receptor. Modulation of guanine nucleotide effects by calcium, temperature, and age. Lynch CJ, et al. **J Biol Chem** 1985 Feb 10;260(3):1593-600

Inhibition of hepatic alpha 1-adrenergic effects and binding by phorbol myristate acetate. Lynch CJ, et al. **J Biol Chem** 1985 Mar 10;260(5):2844-51

Cerebral and renal alpha-adrenoceptors in Sabra hypertensive (SBH) and normotensive (SBN) rats: effects of high-sodium diet. Diop L, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 5:S742-7

The mechanism underlying the vasodilator action of bunitrolol: contribution of alpha 1-adrenoceptor blocking action. Satoh K, et al. **J Cardiovasc Pharmacol** 1985 May-Jun;7(3):508-15

Increased affinity and preference of halogenated derivatives of BE 2254 for alpha 1-adrenoceptors demonstrated by functional and binding experiments. Schlicker E, et al. **J Cardiovasc Pharmacol** 1984 Nov-Dec;6(6):1238-44

Alpha-adrenoreceptors and muscarine receptors in human pial arteries and microvessels: a receptor binding study. Ferrari-DiLeo G, et al. **J Cereb Blood Flow Metab** 1985 Sep;5(3):458-64

Modulation of lymphocyte adrenergic receptors by hormones and anti-asthmatic drugs. Williams WR, et al. **J Clin Lab Immunol** 1985 Mar;16(3):131-6

Anatomy of brain alpha 1-adrenergic receptors: in vitro autoradiography with [125I]-heat. Jones LS, et al. **J Comp Neurol** 1985 Jan 8;231(2):190-208

N-[2-hydroxy-5-[2-(methylamino)ethyl]phenyl]methanes A potent agonist which releases intracellular calcium by activation of alpha 1-adrenoceptors. DeMarinis RM, et al. **J Med Chem** 1985 Feb;28(2):245-8

Decrease of clonidine binding affinity to alpha 2-adrenoceptor by ADP-ribosylation of 41,000-dalton proteins in rat cerebral cortical membranes by islet-activating protein. Nomura Y, et al. **J Neurochem** 1985 Feb;44(2):364-9

Two distinct populations of [3H]prazosin and [3H]yohimbine binding sites in the plasma membranes of rat mesenteric artery. Agrawal DK, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):195-203

Postjunctional alpha-1 and alpha-2 adrenoceptors in the coronaries of the perfused guinea-pig heart. Decker N, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):251-7

Evaluation of the alpha-1 and alpha-2 adrenoceptor-mediated effects of a series of dimethoxy-substituted tolazoline derivatives in the cardiovascular system of the pithed rat. Ruffolo RR Jr, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):94-9

Lack of desensitization of alpha-2-mediated inhibition of lipolysis in fat cells after acute and chronic treatment with clonidine. Villeneuve A, et al. **J Pharmacol Exp Ther** 1985 May;233(2):433-40

Alpha 1 adrenergic receptors in the porcine pituitary neurointermediate lobe: detection with [3H]ketanserin. Battaglia G, et al. **J Recept Res** 1984;4(7):713-26

Characterization of IBE 2254 binding to alpha 1-adrenergic receptors on intact DDT1 smooth muscle cells: comparison with membrane binding and correlation with phosphoinositides breakdown. Hoyer D. **J Recept Res** 1984; 4(1-6):51-67

Receptor to effector coupling in the receptor-dependent adenylate cyclase system. Levitzki A. **J Recept Res** 1984; 4(1-6):399-409

Turnover of adrenergic receptors under normal and desensitized conditions. Sladeczek F, et al. **J Recept Res** 1984;4(1-6):69-89

Specific increase in renal alpha 1-adrenergic receptors following unilateral renal denervation. Woodcock EA, et al. **J Recept Res** 1985;5(2-3):133-46

Displacement by alpha-adrenergic agonists and antagonists of 3H-prazosin bound to the alpha-adrenoceptors of the dog aorta and the rat brain. Nagatoma T, et al. **Jpn J Pharmacol** 1985 Feb;37(2):181-7

Reduced alpha 2-adrenoceptor binding in lower brainstem of stroke-prone spontaneously hypertensive rats. Yamada S, et al. **Jpn J Pharmacol** 1984 Aug;35(4):468-70

Adrenergic receptors on cerebral microvessels in control and parkinsonian subjects. Cash R, et al. **Life Sci** 1985 Aug 12;37(6):531-6

Glutaraldehyde pretreatment blocks phospholipase A2 modulation of adrenergic receptors. Cohen RM, et al. **Life Sci** 1985 Jan 7;36(1):25-32

Lack of specific (3H) prazosin binding sites in dog and rabbit cerebral arteries. Ferron PM, et al. **Life Sci** 1984 Nov 19; 35(21):2169-76

Characterization of the alpha adrenergic receptor population in hippocampus up regulated by serotonergic raphe deafferentiation. Wang JX, et al. **Life Sci** 1985 Jan 21; 36(3):255-70

Potential energy functions and the role of the conformational entropy of clonidine-like imidazolidines in determining their affinity for alpha-adrenergic receptors. Avbelj F, et al. **Mol Pharmacol** 1985 Apr;27(4):466-70

Nonlinear relationship between alpha 1-adrenergic receptor occupancy and norepinephrine-stimulated calcium flux in cultured vascular smooth muscle cells. Colucci WS, et al. **Mol Pharmacol** 1985 May;27(5):517-24

Photoaffinity cross-linking of a radioiodinated probe, 125I-A55453, into alpha 1-adrenergic receptors. Dickinson KE, et al. **Mol Pharmacol** 1984 Sep;26(2):187-95

Alpha 2-adrenergic receptor-mediated regulation of adenylate cyclase in the intact human platelet. Evidence for a receptor reserve. Lenox RH, et al. **Mol Pharmacol** 1985 Jan;27(1):1-9

Expression of both alpha 1- and alpha 2-adrenoceptors in an insulin-secreting cell line. Parallel studies of cytosolic free Ca2+ and insulin release. Ullrich S, et al. **Mol Pharmacol** 1985 Aug;28(2):100-6

Characterization of two distinct alpha-adrenoceptor binding sites in smooth muscle cell membranes from rat and bovine aorta. Descombes JJ, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 May; 329(3):282-8

Evidence for the participation of disulfide and sulfhydril groups in the specific binding of [3H]prazosin in cerebral cortex. Reader TA, et al. **Neurochem Res** 1985 Jan; 10(1):107-22

Characterization of dopamine and alpha-adrenergic receptors in human prolactin-secreting adenomas with [3H]-dihydroergocryptine. Ramsdell JS, et al. **Neuroendocrinology** 1985 Jun;40(6):518-25

Deafferentation of the rat hippocampus does not alter the affinity or binding capacity for the alpha 1-adrenoceptor radioligand [125I]BE 2254. Adams A, et al. **Neurosci Lett** 1984 Dec 21;52(3):311-6

[3H]prazosin binding to central nervous system regions of male and female rats. Ambrosio E, et al. **Neurosci Lett** 1984 Aug 24;49(1-2):193-7

Changes in brainstem and spinal adrenoceptor binding with ageing in spontaneously hypertensive and Wistar-Kyoto rats. Howes LG, et al. **Neurosci Lett** 1985 Jun 24; 57(3):247-50

Morphine treatment increases clonidine binding in brain cell cultures. Plishka RJ, et al. **Neurosci Lett** 1984 Oct 12; 51(2):281-6

Effects of alpha-receptor inhibition by phentolamine on systemic and regional hemodynamics in spontaneously hypertensive rats. Kitamura Y, et al. **Nippon Jinzo Gakkai Shi** 1984 Sep;26(9):1223-33

The alpha-adrenergic receptor: radiohistochemical analysis of functional characteristics and biochemical differences. Unnerstall JR, et al. **Pharmacol Biochem Behav** 1985 May; 22(5):859-74

Phorbol esters promote alpha 1-adrenergic receptor phosphorylation and receptor uncoupling from inositol phospholipid metabolism. Leeb-Lundberg LM, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5651-5

Molecular comparison of alpha 1- and alpha 2-adrenergic receptors suggests that these proteins are structurally related 'isoreceptors'. Shreeve SM, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4842-6

Platelet alpha-adrenergic receptor function in affective disorders and schizophrenia. Kafka MS, et al. **Psychopharmacol Bull** 1985;21(3):599-602

Disturbances of norepinephrine metabolism and alpha-2 adrenergic receptor activity in anorexia nervosa: relationship to nutritional state. Kaye WH, et al. **Psychopharmacol Bull** 1985;21(3):419-23

Alterations in alpha adrenergic receptors in human cerebral arteries after subarachnoid hemorrhage. Tsukahara T, et al. **Stroke** 1985 Jan-Feb;16(1):53-8

Maternal and fetal platelet responses and adrenoceptor binding characteristics. Jones CR, et al. **Thromb Haemost** 1985 Feb 18;53(1):95-8

[Alpha-adrenergic receptors in the myometrium of the preparturient rat] Maltier JP, et al. **Pathol Biol (Paris)** 1984 Oct;32(8):878-83 **(Fre)**

[Is the alpha adrenergic receptor density increased in intact thrombocytes in non-isometric trained athletes?] Lehmann M, et al. **Klin Wochenschr** 1984 Oct 15;62(20):992-5 (Eng. Abstr.) **(Ger)**

[Free and conjugated plasma catecholamines, lactate behavior and oxygen uptake at rest and in staged physical exertion as well as alpha receptor density in intact thrombocytes in trained athletes] Lehmann M, et al. **Z Kardiol** 1985 Jan;74(1):32-8 (Eng. Abstr.) **(Ger)**

[Analysis of renal adrenergic receptor by radioreceptor assay: characterization of alpha- and beta-adrenergic receptor in rat kidney] Shigetomi S, et al. **Nippon Jinzo Gakkai Shi** 1984 Oct;26(10):1355-60 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Myocardial calcium uptake in streptozotocin diabetic and control rats after dibutyryl-cAMP; alpha-adrenergic stimulation and calcium deprivation. Gøtzsche O. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb;56(2):144-8

Chronic salt loading and central adrenergic mechanisms in the spontaneously hypertensive rat. Gradin K, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Mar;56(3):204-13

Regulation of alpha- and beta-adrenergic receptor subclasses by gonadal steroids in human myometrium. Bottari SP, et al. **Acta Physiol Hung** 1985;65(3):335-46

Alpha 1-adrenergic receptors in brown adipose tissue. Thermogenic significance and mode of action. Mohell N. **Acta Physiol Scand [Suppl]** 1984;530:1-62

Catecholamine and opioid receptors, presynaptic inhibition of CNS neurotransmitter release, and adenylate cyclase. Mulder AH, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:273-86

Role of alpha adrenoceptors in hypertension and in antihypertensive drug treatment. Van Zwieten PA, et al. **Am J Med** 1984 Oct 5;77(4A):17-25 (46 ref.)

Interaction of ovarian steroids and periarterial alpha 1-adrenergic receptors in altering uterine blood flow during the estrous cycle of gilts. Ford SP, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):480-4

Influence of renal perfusion pressure on alpha- and beta-adrenergic stimulation of renin release. Blair ML, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E317-26

Mechanisms involved in alpha-adrenergic phenomena. Exton JH. **Am J Physiol** 1985 Jun;248(6 Pt 1):E633-47 (165 ref.)

Renal alpha-adrenoceptors and sodium excretion in the dog. Fildes RD, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F128-33

Alpha 2-adrenergic receptor-mediated regulation of intestinal calcium transport. Hyun CS, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C117-23

Participation of central alpha-receptors on hemodynamic response to E. coli endotoxin. Koyama S. **Am J Physiol** 1984 Oct;247(4 Pt 2):R655-62

Role of alpha-receptors in estrogen-induced vasodilation in nonpregnant sheep. Naden RP, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):H339-44

Phentolamine-resistant neurogenic constriction occurs in small arteries at higher frequencies. Owen MP, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):H404-14

Alpha 2-adrenoceptor antagonism of vasopressin-induced changes in sodium excretion. Smyth DD, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F767-72

Alpha 2-adrenoceptors and sodium reabsorption in the isolated perfused rat kidney. Smyth DD, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F680-5

Platelet alpha-adrenergic receptors are not down-regulated during cardiopulmonary bypass. Zucker JR, et al. **Anesthesiology** 1985 Oct;63(4):449-51

Apparent pA2 estimates for an antinociceptive receptor. Parale MP, et al. **Arch Int Pharmacodyn Ther** 1985 May; 275(1):59-67

Alpha-adrenergic receptors and coronary blood vessels. Heyndrickx GR. **Bibl Cardiol** 1984;(38):161-8 (20 ref.)

Postjunctional alpha-adrenoceptors in man. van Brummelen P, et al. **Bibl Cardiol** 1984;(38):270-6 (38 ref.)

Regulation of canalicular bile formation by alpha-adrenergic action and by external ATP in the isolated perfused rat liver. Krell H, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):139-45

Presence of a Ca2+-dependent K+ channel in brown adipocytes. Possible role in maintenance of alpha 1-adrenergic stimulation. Nånberg E, et al. **Biochim Biophys Acta** 1985 Jan 18;844(1):42-9

An electrophysiological study of alpha-adrenoceptor mediated excitation-contraction coupling in the smooth muscle cells of the rat saphenous vein. Cheung DW. **Br J Pharmacol** 1985 Jan;84(1):265-71

The effect of Bay K 8644 on contraction mediated by alpha-adrenoceptors in the rat saphenous vein. Cheung DW. **Br J Pharmacol** 1985 Jun;85(2):317-9

The role of alpha-adrenoceptors in the regulation of renal tubular sodium reabsorption and renin secretion in the rabbit. Hesse IF, et al. **Br J Pharmacol** 1985 Mar; 84(3):715-24

Potentiation by TRH of the effect of imipramine on the forced-swimming test. Reny-Palasse V, et al. **Br J Pharmacol** 1985 Jun;85(2):463-70

Alpha 2-adrenoceptor agonists potentiate responses mediated by alpha 1-adrenoceptors in the cat nictitating membrane. Shepperson NB. **Br J Pharmacol** 1984 Oct;83(2):463-9

Epinephrine release and presynaptic alpha 2-adrenoceptic regulation in the guinea pig hypothalamus. Fujii Y, et al. **Brain Res** 1985 Feb 11;326(2):375-8

The mechanism of cerebrovascular vasoconstriction in response to locus coeruleus stimulation. Goadsby PJ, et al. **Brain Res** 1985 Feb 11;326(2):213-7

Hypothalamic alpha 2- and beta-adrenoceptor rhythms are correlated with circadian feeding: evidence from chronic methamphetamine treatment and withdrawal. Kräuchi K, et al. **Brain Res** 1984 Oct 29;321(1):83-90

alpha 2 and alpha 1-Adrenoceptors mediate opposing actions on parasympathetic neurons. Nakamura T, et al. **Brain Res** 1984 Dec 10;323(2):349-53

Tritium-sensitive film autoradiography of guinea pig brain alpha 2-noradrenergic receptors. Nock B, et al. **Brain Res** 1985 Jun 10;336(1):148-52

Development of the rat pineal alpha 1-adrenoceptor. Sugden D, et al. **Brain Res** 1985 Jan 28;325(1-2):345-8

Stimulation of hypertrophy of cultured neonatal rat heart cells through an alpha 1-adrenergic receptor and induction of beating through an alpha 1- and beta 1-adrenergic receptor interaction. Evidence for independent regulation of growth and beating. Simpson P. **Circ Res** 1985 Jun; 56(6):884-94

Neuronally released norepinephrine does not preferentially activate postjunctional alpha 1-adrenoceptors in human blood vessels in vitro. Stevens MJ, et al. **Circ Res** 1985 Sep;57(3):399-405

Acetylcholine release from rat atria can be regulated through an alpha 1-adrenergic receptor. Wetzel GT, et al. **Circ Res** 1985 May;56(5):763-6

Proceedings of a workshop on alpha-adrenoceptors. Loch Lomond, 27-28 July 1984. **Clin Sci** 1985;68 Suppl 10:1S-161S

Role of alpha-adrenoceptors in vascular control. Bevan JA, et al. **Clin Sci** 1985;68 Suppl 10:83s-88s

The adrenaline-alpha 2-adrenoceptor-mediated vasoconstrictor axis. Bolli P, et al. **Clin Sci** 1985;68 Suppl 10:141s-146s

Evidence for ATP and noradrenaline as cotransmitters in sympathetic nerves. Burnstock G, et al. **Clin Sci** 1985;68 Suppl 10:89s-92s

Vascular alpha 2-adrenoceptors can mediate nerve stimulation-evoked contractions. Docherty JR, et al. **Clin Sci** 1985;68 Suppl 10:117s-120s

Ageing and alpha-adrenoceptors. Docherty JR, et al. **Clin Sci** 1985;68 Suppl 10:133s-136s (29 ref.)

Attempts to uncover subtypes of alpha-adrenoceptors and associated mechanisms by using sequential administration of blocking drugs. Grant TL, et al. **Clin Sci** 1985;68 Suppl 10:25s-30s

Electrical membrane events in response to alpha-adrenoceptor stimulation. Haeusler G, et al. **Clin Sci** 1985;68 Suppl 10:51s-53s

alpha-Adrenoceptor regulation in vivo and in vitro in the rabbit. Hamilton CA, et al. **Clin Sci** 1985;68 Suppl 10:125s-128s

Relative agonist potency as a means of differentiating alpha-adrenoceptors and alpha-adrenergic mechanisms. Ruffolo RR Jr. **Clin Sci** 1985;68 Suppl 10:9s-14s

Scope and mechanisms of control of stimulus-secretion coupling in single varicosities of sympathetic nerves. Stjärne L. **Clin Sci** 1985;68 Suppl 10:77s-81s

Evidence for the involvement of alpha 1-adrenoceptors in negative feedback regulation of noradrenergic transmitter release in rat atria. Story DF, et al. **Clin Sci** 1985;68 Suppl 10:111s-115s

Human vascular smooth muscle responses mediated by alpha 2 mechanisms in vivo and in vitro. Thom S, et al. **Clin Sci** 1985;68 Suppl 10:147s-150s

Functional consequences of contrasting properties of alpha 1/alpha 2 systems. Timmermans PB, et al. **Clin Sci** 1985; 68 Suppl 10:93s-97s

Modulation of postjunctional alpha-adrenergic responsiveness by local changes in temperature. Vanhoutte PM, et al. **Clin Sci** 1985;68 Suppl 10:121s-123s

Alpha 1-adrenergic responsiveness of young adult and aged rat submandibular cells in vitro. Baum BJ, et al. **Comp Biochem Physiol [C]** 1985;81(1):121-4

Episodic growth hormone secretion in the domestic fowl (Gallus domesticus): alpha adrenergic regulation. Buonomo FC, et al. **Comp Biochem Physiol [C]** 1984;78(2):409-13

Receptor mechanisms in fish chromatophores--VII. Muscarinic cholinoceptors and alpha adrenoceptors, both mediating pigment aggregation, strangely coexist in Corydoras melanophores. Kasukawa H, et al. **Comp Biochem Physiol [C]** 1985;80(2):211-5

Effects of NaCl on vascular responsiveness in male rats. Katovich MJ, et al. **Comp Biochem Physiol [C]** 1984; 78(2):369-72

Adrenergic responsiveness in experimental uremia. Mann JF, et al. **Contrib Nephrol** 1984;41:108-12

Influences of age on the positive inotropic effect mediated by alpha- and beta-adrenoceptors in rat ventricular strips. Amerini S, et al. **Dev Pharmacol Ther** 1985;8(1):34-42

Reflex adrenergic inhibition of colonic motility in anesthetized rat caused by nociceptive stimuli of peritoneum. An alpha 2-adrenoceptor-mediated response. Sjöqvist A, et al. **Dig Dis Sci** 1985 Aug;30(8):749-54

Alpha 1-adrenoreceptors and alpha 1-adrenoreceptor-mediated thyrotropin release in cultures of euthyroid and hypothyroid rat anterior pituitary cells. Dieguez C, et al. **Endocrinology** 1985 Aug;117(2):624-30

Ovine pineal alpha 1-adrenoceptors: characterization and evidence for a functional role in the regulation of serum melatonin. Sugden D, et al. **Endocrinology** 1985 May; 116(5):1960-7

Evidence for alpha 1-adrenergic stimulatory control of in vitro release of immunoreactive thyrotropin-releasing hormone from rat median eminence: in vivo corroboration. Tapia-Arancibia L, et al. **Endocrinology** 1985 Jun; 116(6):2314-9

Atypical synergistic alpha 1- and beta-adrenergic regulation of adenosine 3',5'-monophosphate and guanosine 3',5'-monophosphate in rat pinealocytes. Vanecek J, et al. **Endocrinology** 1985 Jun;116(6):2167-73

Renal proximal tubular alpha-adrenergic receptors oppose urinary 3,5'-cyclic adenosine monophosphate response to parathyroid hormone in vivo. Woodcock EA, et al. **Endocrinology** 1985 Mar;116(3):1085-9

Neuropeptide Y (NPY): enhancement of blood pressure increase upon alpha-adrenoceptor activation and direct pressor effects in pithed rats. Dahlöf C, et al. **Eur J Pharmacol** 1985 Feb 26;109(2):289-92

Noradrenergic denervation increases alpha 1-adrenoceptor-mediated inositol-phosphate accumulation in the hippocampus. Janowsky A, et al. **Eur J Pharmacol** 1984 Jun 15;102(1):193-4

alpha 2-Adrenoceptors mediate sympathetic vasoconstriction in distal segments of rat tail artery. Medgett IC. **Eur J Pharmacol** 1985 Feb 5;108(3):281-7

Sabra rats as a model to differentiate between Na+ and GTP regulation of alpha 2-adrenoceptor densities. Parini A, et al. **Eur J Pharmacol** 1985 May 28;112(1):97-104

Possible function of alpha 1-adrenoceptors in the CNS in anaesthetized and conscious animals. Pichler L, et al. **Eur J Pharmacol** 1985 Jan 8;107(3):305-11

Permissive role of spinal alpha 1-adrenoceptors in sudomotor efferents. Rybarczyk MC, et al. **Eur J Pharmacol** 1985 Jun 19;112(3):339-48

Presynaptic opiate receptor- and alpha 2-adrenoceptor-mediated inhibition of noradrenaline release in the rat brain: role of hyperpolarization? Schoffelmeer AN, et al. **Eur J Pharmacol** 1984 Oct 1; 105(1-2):129-35

Evidence against significant resting alpha-adrenergic coronary vasoconstrictor tone. Griggs DM Jr, et al. **Fed Proc** 1984 Nov;43(14):2873-7

Postsynaptic alpha adrenoceptors on vascular smooth muscle. Matthews WD, et al. **Fed Proc** 1984 Nov;43(14):2923-8

Peripheral alpha-adrenergic receptors. Introduction. Ruffolo RR Jr. **Fed Proc** 1984 Nov;43(14):2908-9

Interactions of agonists with peripheral alpha-adrenergic receptors. Ruffolo RR Jr. **Fed Proc** 1984 Nov;43(14):2910-6 (41 ref.)

Renal alpha adrenoceptors. Summers RJ. **Fed Proc** 1984 Nov; 43(14):2917-22 (29 ref.)

Alpha-adrenergic tone in the coronary circulation of the conscious dog. Vatner SF. **Fed Proc** 1984 Nov; 43(14):2867-72

Presynaptic alpha 1- and postsynaptic alpha 2-receptors in the rabbit vas deferens. Nakanishi H, et al. **Fukushima J Med Sci** 1984 Feb;30(1):1-10

In summary: satellite symposium on central alpha-adrenergic blood pressure regulating mechanisms. Abrams WB. **Hypertension** 1984 Sep-Oct;6(5 Pt 2):II87-93 (45 ref.)

Sympathetic vasoconstriction sensitive to alpha 2-adrenergic receptor blockade. No evidence for preferential innervation of alpha 1-adrenergic receptors in the canine femoral bed. Elsner D, et al. **Hypertension** 1984 Nov-Dec;6(6 Pt 1):915-25

Spinal catecholaminergic control of human cardiovascular functions. Ahuja RC, et al. **Indian J Med Res** 1984 Dec; 80:680-9

Adrenergic receptors: possible mechanism of inverse regulation of alpha- and beta-receptors. Kunos G, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 2):346-51

Contraction-mediating alpha-adrenoreceptors in isolated human omental, temporal and pial arteries. Skärby T, et al. **J Auton Pharmacol** 1984 Dec;4(4):219-29

Postsynaptic alpha-adrenoreceptor populations in several vascular systems of the anaesthetized rat. Yamamoto R, et al. **J Auton Pharmacol** 1984 Dec;4(4):231-9

Alpha- and beta-adrenergic stimulation of parenchymal cell Ca2+ influx. Influence of extracellular pH. Blackmore PF, et al. **J Biol Chem** 1984 Oct 25;259(20):12322-5

Adrenergic regulation of glucose metabolism in rat heart. A calcium-dependent mechanism mediated by both alpha- and beta-adrenergic receptors. Clark MG, et al. **J Biol Chem** 1984 Dec 25;259(24):15204-11

Alpha 1- and alpha 2-adrenoceptor-mediated vasoconstriction of large and small canine coronary arteries in vivo. Heusch G, et al. **J Cardiovasc Pharmacol** 1984 Sep-Oct;6(5):961-8

Calcium influx-dependent and -independent alpha 1-adrenoceptor-mediated processes of vasoconstriction in vivo do not operate via different alpha 1-adrenoceptor subtypes. Korstanje C, et al. **J Cardiovasc Pharmacol** 1984 Nov-Dec;6(6):1102-8

Alpha-adrenoreceptor subtypes in blood vessels: physiology and pharmacology. Langer SZ, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 4:S547-58 (75 ref.)

Sympathetic control of myocardial oxygen balance in dogs mediated by activation of coronary vascular alpha 2-adrenoceptors. Saeed M, et al. **J Cardiovasc Pharmacol** 1985 Jan-Feb;7(1):167-73

Electrophysiological effects of alpha-adrenoceptor stimulation in normal and ischemic myocardium. Sheridan DJ, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 5:S55-60

Renal alpha 1- and alpha 2-adrenoceptor mediated vasoconstriction in dogs: comparison of phenylephrine, clonidine, and guanabenz. Wolff DW, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 5:S793-8

Diarrhea in streptozocin-treated rats. Loss of adrenergic regulation of intestinal fluid and electrolyte transport. Chang EB, et al. **J Clin Invest** 1985 May;75(5):1666-70

Comparison of alpha 2 adrenoreceptors on arterial smooth muscle and brain homogenates from spontaneously hypertensive and Wistar-Kyoto normotensive rats. Weiss RJ, et al. **J Hypertens** 1984 Jun;2(3):249-55

N-substituted imidazolines and ethylenediamines and their action on alpha- and beta-adrenergic receptors. Hamada A, et al. **J Med Chem** 1985 Sep;28(9):1269-73

Pharmacological basis of therapeutics: vascular alpha-adrenoceptors. Brostrom CO. **J Med Soc NJ** 1985 Jan;82(1):59-61

Existence and functional role of alpha 1-adrenoceptors in the mammalian heart. Brückner R, et al. **J Mol Cell Cardiol** 1985 Jul;17(7):639-45 (72 ref.)

Effects of thyroid status on clonidine-induced hypoactivity responses in the developing rat. Heal DJ, et al. **J Neural Transm** 1984;60(3-4):295-302

Interaction between alpha- and beta-adrenoceptors in rat pineal adenosine cyclic 3',5'-monophosphate phosphodiesterase activation. Vacas MI, et al. **J Neural Transm** 1985;62(3-4):295-304

Norepinephrine stimulation of phosphoinositide hydrolysis in rat cerebral cortex is associated with the alpha1-adrenoceptor. Schoepp DD, et al. **J Neurochem** 1984 Dec;43(6):1758-61

Regulation of rat pineal alpha 1-adrenoceptors. Sugden D, et al. **J Neurochem** 1985 Jan;44(1):63-7

Opiate- and alpha 2-adrenoceptor-induced hyperpolarizations of locus ceruleus neurons in brain slices: reversal by cyclic adenosine 3':5'-monophosphate analogues. Andrade R, et al. **J Neurosci** 1985 Sep; 5(9):2359-64

Norepinephrine and histamine potentiate the increases in cyclic adenosine 3':5'-monophosphate elicited by vasoactive intestinal polypeptide in mouse cerebral cortical slices: mediation by alpha 1-adrenergic and H1-histaminergic receptors. Magistretti PJ, et al. **J Neurosci** 1985 Feb;5(2):362-8

Alpha-1 adrenergic control of the venous circulation in intact dogs. Appleton C, et al. **J Pharmacol Exp Ther** 1985 Jun; 233(3):729-34

Prostaglandin synthesis and renal vasoconstriction elicited by adrenergic stimuli are linked to activation of alpha-1 adrenergic receptors in the isolated rat kidney. Cooper CL, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):24-31

Inhibition by 5,6-dihydroxy-2-dimethylaminotetralin (M7) of noradrenergic neurotransmission in the rabbit hypothalamus: role of alpha-2 adrenoceptors and of dopamine receptors. Galzin AM, et al. **J Pharmacol Exp Ther** 1985 May;233(2):459-65

Role of extracellular calcium in contractions produced by activation of postsynaptic alpha-2 adrenoceptors in the canine saphenous vein. Jim KF, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):161-5

Desensitization of alpha-1 adrenergic receptor-mediated vascular smooth muscle contraction. Lurie KG, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):147-52

Pharmacological analysis of alpha-2 adrenergic mechanisms in nociception and ataxia. Luttinger D, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):883-9

Characterization of alpha adrenoceptors on vascular smooth muscle: electrophysiological differentiation in canine saphenous vein. Matthews WD, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):355-60

Smooth muscle alpha-2 adrenoceptors mediate vasoconstrictor responses to exogenous norepinephrine and to sympathetic stimulation to a greater extent in spontaneously hypertensive than in Wistar Kyoto rat tail arteries. Medgett IC, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):159-65

Undifferentiated effects of calcium antagonists on pressor responses to selective alpha-1 and alpha-2 adrenoceptor agonists in anesthetized, spinal dogs. Morita T, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):728-34

Role of alpha adrenoceptor activation in modulating the murine primary antibody response in vitro. Sanders VM, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):395-400

Nifedipine and alpha adrenoceptors in rat aorta. I. Role of extracellular calcium in alpha-1 and alpha-2 adrenoceptor-mediated contraction. Scarborough NL, et al. **J Pharmacol Exp Ther** 1984 Dec;231(3):597-602

Nifedipine and alpha adrenoceptors in rat aorta. II. Role of extracellular calcium in enhanced alpha-2 adrenoceptor-mediated contraction in diabetes. Scarborough NL, et al. **J Pharmacol Exp Ther** 1984 Dec; 231(3):603-9

Demonstration of an alpha adrenoceptor-mediated inotropic effect of norepinephrine in human atria. Skomedal T, et al. **J Pharmacol Exp Ther** 1985 May;233(2):441-6

Significant role of alpha 2-adrenoceptors in coronary artery spasm. Kakihana M, et al. **Jpn Circ J** 1985 Jan;49(1):108-18

Inhibition by central alpha-2 adrenergic mechanism of thyrotropin-releasing hormone-induced gastric acid secretion in the rat. Maeda-Hagiwara M, et al. **Jpn J Pharmacol** 1984 Oct;36(2):131-6

Alpha adrenoceptor subtypes responsible for dopamine-induced mesenteric vein contraction. Toda N, et al. **Jpn J Pharmacol** 1984 Oct;36(2):253-5

Pharmacological evidence that central alpha 2-adrenoceptors are involved in cardiovascular responses to intravenously injected enkephalins in anesthetized dogs. Koyama S, et al. **Jpn J Physiol** 1984;34(6):995-1002

Interaction of alpha and beta adrenergic stimulation on aortic ornithine decarboxylase activity. Majesky MW, et al. **Life Sci** 1985 Jan 14;36(2):153-9

Comparison of muscarinic and alpha-adrenergic receptors in rat atria based on phosphoinositide turnover. Sekar MC, et al. **Life Sci** 1984 Oct 1;35(14):1527-33

Alpha-2 adrenergic regulation of norepinephrine release in the rat submandibular gland as measured by HPLC-EC. Turner JT, et al. **Life Sci** 1984 Sep 24;35(13):1385-94

The relationship between phosphatidylinositol metabolism and mobilization of intracellular calcium elicited by alpha1-adrenergic receptor stimulation in BC3H-1 muscle cells. Ambler SK, et al. **Mol Pharmacol** 1984 Nov; 26(3):405-13

The relationships between receptor binding capacity for norepinephrine, angiotensin II, and vasopressin and release of inositol trisphosphate, Ca2+ mobilization, and phosphorylase activation in rat liver. Lynch CJ, et al. **Mol Pharmacol** 1985 Aug;28(2):93-9

Modulation of a transient outward current in serotonergic neurones by alpha 1-adrenoceptors. Aghajanian GK. **Nature** 1985 Jun 6-12;315(6019):501-3

A kinetic study of the release of noradrenaline by electrical stimulation: influence of presynaptic alpha-adrenoceptors. Brandão F, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan; 328(3):248-52

Influence of neuronal uptake on the presynaptic alpha-adrenergic modulation of noradrenaline release. Enero MA. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Nov;328(1):38-40

In vivo demonstration of alpha-2-adrenoceptor-mediated inhibition of the excitatory non-cholinergic neurotransmission in guinea pig airways. Grundström N, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan; 328(3):236-40

Different characteristics of postjunctional alpha-adrenoceptors on arterial and venous smooth muscle. Hieble JP, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Nov;328(1):44-50

Mechanism of alpha 2-adrenergic inhibition of neuroeffector transmission in the mouse vas deferens. Illes P, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan; 328(3):241-7

Evidence for the modulation of sexual behavior by alpha-adrenoceptors in male rats. Clark JT, et al. **Neuroendocrinology** 1985 Jul;41(1):36-43

Role of alpha 1- and alpha 2-adrenergic receptors in the growth hormone and prolactin response to insulin-induced hypoglycemia in man. Tatár P, et al. **Neuroendocrinology** 1984 Sep;39(3):275-80

Phenylephrine-induced activity in mice as a model of central alpha 1-adrenoceptor function. Effects of acute and repeated administration of antidepressant drugs and electroconvulsive shock. Heal DJ. **Neuropharmacology** 1984 Nov;23(11):1241-51

alpha 1- and beta-adrenergic receptors are co-regulated during both noradrenergic denervation and hyperinnervation. Sutin J, et al. **Neuroscience** 1985 Apr; 14(4):973-80

Characterization of alpha 2-adrenoceptors which increase potassium conductance in rat locus coeruleus neurones. Williams JT, et al. **Neuroscience** 1985 Jan;14(1):95-101

Deranged alpha-adrenergic regulation of growth hormone secretion in poorly controlled diabetes: reversal of the exaggerated response to clonidine after continuous subcutaneous insulin infusion. Topper E, et al. **Pediatr Res** 1985 Jun;19(6):534-6

Time-dependent conversion of alpha 1- to beta-adrenoceptor-mediated glycogenolysis in isolated rat liver cells: role of membrane phospholipase A2. Kunos G, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6178-82

Prejunctional alpha 2-adrenoceptor mediated inhibitory action of clonidine and B-HT 920, but not urapidil in guinea pig ileum. Shebuski RJ, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):133-8

Alpha-adrenoceptors may act synergistically in the beta-adrenoceptor control of pineal gland N-acetyltransferase activity. Terry RL, et al. **Proc West Pharmacol Soc** 1984;27:47-50

Hypothesis: on the similar prostaglandin mediation in the anti-hypertensive action of alpha- and beta- adrenoceptor antagonists; confusion of present system of receptor classification? Tan S, et al. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):305-8

Induction of DNA synthesis in cultured rat hepatocytes through stimulation of alpha 1 adrenoreceptor by norepinephrine. Cruise JL, et al. **Science** 1985 Feb 15; 227(4688):749-51

Sympathetic innervation of the urethral muscle in cattle. García-Sacristán A, et al. **Zentralbl Veterinarmed [A]** 1985 Mar;32(3):185-9

[The adipose cell: a convenient experimental model for analysing the functional interactions of 2 adrenergic receptors as effected by antagonists, the alpha 2- and beta receptor] Berlan M, et al. **Biochimie** 1984 Jul-Aug; 66(7-8):IX-XIV (45 ref.) **(Fre)**

[Favorable effect of nicergoline on pruritus in chronic hemodialysis patients. Role of a hyper-alpha-adrenergic system? (letter)] Rivory JP, et al. **Presse Med** 1984 Dec 8;13(44):2703 **(Fre)**

[Aortic baroreceptor function in narcotized rabbits during alpha-adrenoceptor blockade with prazosin] Brattström A, et al. **Biomed Biochim Acta** 1984;43(7):987-93 (Eng. Abstr.) **(Ger)**

[alpha-Adrenoceptor] Suematsu E, et al. **Tanpakushitsu Kakusan Koso** 1984 Nov;29(12 Suppl):1338-52 (104 ref.) **(Jpn)**

[Role of adrenergic structures in regulating the release by the intestines of hemocoagulating compounds into the blood stream] Golyshenkov SP, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):265-6 (Eng. Abstr.) **(Rus)**

[Changes in Na, K-ATPase activity following adrenoreceptor blockade] Manukhin BN, et al. **Fiziol Zh SSSR** 1985 Jun;71(6):731-6 (Eng. Abstr.) **(Rus)**

[Study of the alpha2-adrenoreactive system in man] Kulinskii VI, et al. **Vopr Med Khim** 1985 Jan-Feb;31(1):106-8 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Evidence for pain modulation by pre- and postsynaptic noradrenergic receptors in the medulla oblongata. Sagen J, et al. **Brain Res** 1985 Apr 8;331(2):285-93

RECEPTORS, ADRENERGIC, BETA

The development of beta adrenoceptors in medicine. Obel AO. **East Afr Med J** 1984 Oct;61(10):733-5

ANALYSIS

Characteristics of receptors and enzymes in brains of human alcoholics. Tabakoff B, et al. **Alcohol** 1985 May-Jun; 2(3):419-23

Beta-adrenergic receptors in human myometrium during pregnancy: changes in the number of receptors after beta-mimetic treatment. Berg G, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):392-6

Physiological responsiveness of isolated rabbit tracheal epithelial cells. Liedtke CM, et al. **Am J Physiol** 1984 Nov; 247(5 Pt 1):C441-9

Baboon erythrocyte ghosts contain beta-adrenergic receptors. Susanni EE, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C15-9

Identification of beta-adrenoceptors in bovine teat muscles by 3H-dihydroalprenolol binding. Roets E, et al. **Arch Int Pharmacodyn Ther** 1984 Aug;270(2):203-14

Effect of chronic desmethylimipramine or electroconvulsive shock on selected brain and platelet neurotransmitter recognition sites. Abel MS, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):679-83

Beta adrenoceptors of human red blood cells, determination of their subtypes. Bree F, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):4045-50

Beta-adrenergic receptors in rat mammary gland. Lavandero S, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):2034-6

Endogenous noradrenaline masks beta-adrenergic receptors in rat heart membranes via tight agonist binding. Nerme V, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2917-22

Structure-function studies of canine cardiac sarcolemmal membranes. I. Estimation of receptor site densities. Colvin RA, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):601-8

Direct analysis of beta-adrenergic receptor subtypes on intact adult ventricular myocytes of the rat. Buxton IL, et al. **Circ Res** 1985 Jan;56(1):126-32

Localization of beta 1- and beta 2-adrenergic receptors in rat kidney by autoradiography. Healy DP, et al. **Circ Res** 1985 Aug;57(2):278-84

Decrease in beta-receptor density explaining the development of pindolol- and prenalterol-tolerance in orthostatic hypotension. Andersen EB, et al. **Dan Med Bull** 1985 Jun;32(3):194-6

Beta-adrenoceptor subtype of the venous capacity system: characterization by venous occlusion plethysmography. Weber F, et al. **Eur J Clin Pharmacol** 1985;28(2):139-42

Adrenergic receptors in frontal cortex in human brain. Cash R, et al. **Eur J Pharmacol** 1985 Feb 5;108(3):225-32

Studies on beta-adrenoceptors of purified mast cells from guinea-pig lung. Undem BJ, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):413-6

Beta-adrenergic receptor subtypes iris-ciliary body of rabbits [letter] Clark B, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(1):53

Beta-adrenergic receptor subtypes iris-ciliary body of rabbits (1984,221:167-170)[letter] Gross DM, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(3):168

Cardiac beta-adrenergic receptors in salt-dependent genetic hypertension. Limas C, et al. **Hypertension** 1985 Sep-Oct; 7(5):760-6

beta-Adrenergic and cholinergic receptors in hypertension-induced hypertrophy. Vatner DE, et al. **Hypertension** 1985 May-Jun;7(3 Pt 2):I55-60

beta-Adrenergic receptors, adenylate cyclase activity, and cardiac dysfunction in the diabetic rat. Atkins FL, et al. **J Cardiovasc Pharmacol** 1985 Jan-Feb;7(1):66-70

Vasodilator effect of terbutaline: in vivo evidence for the existence of beta 2-adrenoceptors in the microcirculation of rats, hamsters, and guinea pigs. Koo A. **J Cardiovasc Pharmacol** 1984 Sep-Oct;6(5):897-901

A monoclonal antibody to a membrane component that interacts with the beta-adrenergic receptor. Chuang DM. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(3):281-92

Characterization of the beta-adrenergic receptor of the rat peritoneal macrophage. Abrass CK, et al. **J Immunol** 1985 Aug;135(2):1338-41

Characterization of monoclonal antibodies to the beta-adrenergic antagonist alprenolol as models of the receptor binding site. Sawutz DG, et al. **J Immunol** 1985 Oct;135(4):2713-8

Production and detection of monoclonal anti-idiotype antibodies directed against a monoclonal anti-beta-adrenergic ligand antibody. Guillet JG, et al. **J Immunol Methods** 1984 Nov 16;74(1):163-71

Coexistence of beta-1 and beta-2 adrenergic receptors in the human heart: effects of treatment with receptor antagonists or calcium entry blockers. Hedberg A, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):561-8

Localization of beta adrenoceptor subtypes in rat kidney by light microscopic autoradiography. Summers RJ, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):561-9

Beta-adrenergic receptors are different in subpopulations of human circulating lymphocytes. Landmann RM, et al. **J Recept Res** 1984;4(1-6):37-50

Beta adrenergic receptors in human cavernous tissue. Dhabuwala CB, et al. **J Urol** 1985 Apr;133(4):721-3

The lung beta-receptor in the spontaneous hypertensive rat. Ohsuzu F, et al. **Jpn Circ J** 1984 Nov;48(11):1203-9

Identification of beta-adrenergic receptors in mouse brain with 3H-dihydroalprenolol. Nomura S, et al. **Keio J Med** 1983 Nov;32(1-2):1-7

Effects of beta-adrenoceptor antagonist administration on beta 2-adrenoceptor density in human lymphocytes. The role of the 'intrinsic sympathomimetic activity'. Brodde OE, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Feb; 328(4):417-22

beta-Adrenoceptor subtypes in sections of rat and guinea-pig kidney. Engel G, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan; 328(3):354-7

Down-regulation of beta-adrenoceptors in rat cortex by repeated administration of desipramine, electroconvulsive shock and clenbuterol requires 5-HT neurones but not 5-HT. Nimgaonkar VL, et al. **Neuropharmacology** 1985 Apr;24(4):279-83

Histoautoradiographic localization of (-)-3H-dihydroalprenolol in rabbit aorta. Amenta F, et al. **Pharmacology** 1985;30(3):160-7

Rat Sertoli cells acquire a beta-adrenergic response during primary culture. Kierszenbaum AL, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2049-53

Brain slices in radioligand binding assays: quantification of opiate, benzodiazepines and beta-adrenergic ([3H] CGP-12177) receptors. Wilkinson M, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):621-6

[Thrombocytic alpha-2 and lymphocytic beta-adrenergic receptors in mental anorexia] Krulik R, et al. **Cesk Psychiatr** 1984 Aug;80(4):266-9 (Eng. Abstr.) **(Cze)**

[Effect of in vitro incubation on alpha- and beta-adrenergic receptors of the rat lung] Hasegawa M. **Arerugi** 1984 Nov; 33(11):934-9 (Eng. Abstr.) **(Jpn)**

[Beta-adrenergic receptor in bronchial asthma. Part 1. Pulmonary beta-adrenergic receptor in experimental konjac asthma of the guinea-pig] Sunaga Y. **Arerugi** 1984 Dec;33(12):1030-9 (Eng. Abstr.) **(Jpn)**

[Beta-adrenergic receptor in bronchial asthma. Part 2. Human placental beta-adrenergic receptor in normal and asthmatic subjects] Sunaga Y, et al. **Arerugi** 1985 Feb; 34(2):88-95 (Eng. Abstr.) **(Jpn)**

[Quantitation of alpha-1 and beta adrenergic receptor densities in the human normal and hypertrophied prostate] Yokoyama E, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Mar;76(3):325-37 (Eng. Abstr.) **(Jpn)**

[Measurement of beta-adrenoceptors in lymphocytes of subjects with nasal allergy] Maeda H, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Jan;88(1):37-40 (Eng. Abstr.) **(Jpn)**

[Acquisition of beta-adrenergic blockade by repeated induction of airway anaphylaxis: changes in beta-adrenergic receptor levels in lung homogenates and beta-adrenergic response in tracheal muscles in guinea pigs with experimental asthma] Sakakibara H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Feb;23(2):220-9 (Eng. Abstr.) **(Jpn)**

[Beta-adrenergic receptors of the lymphocytes and bronchial hypersensitivity] Sakakibara H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 May; 22(5):383-9 (Eng. Abstr.) **(Jpn)**

[Catecholamine receptors and antagonists: a. Post-synaptic receptors] Kubo T, et al. **Nippon Rinsho** 1985 May; 43(5):929-34 (20 ref.) **(Jpn)**

[Preliminary studies of the adrenergic receptors in the human right atrium] Vetulani J, et al. **Kardiol Pol** 1984; 27(6):507-14 **(Pol)**

[Changes in the density of human lymphocyte beta-adrenergic receptors in hypertension] Krasnikova TL, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):661-3 (Eng. Abstr.) **(Rus)**

[Beta-adrenergic receptors in the liver of rats. Direct localization by means of a fluorescent beta-blocker] Santamaría L, et al. **Rev Esp Enferm Apar Dig** 1985 Mar; 67(3):221-4 (Eng. Abstr.) **(Spa)**

BLOOD

Acute desensitization of lymphocyte beta-adrenergic-stimulated adenylate cyclase in old age and Alzheimer's disease. Oppenheim G, et al. **Life Sci** 1984 Oct 22;35(17):1795-802

CLASSIFICATION

Autoradiographic visualization of beta-adrenoceptor subtypes in human lung. Carstairs JR, et al. **Am Rev Respir Dis** 1985 Sep;132(3):541-7

Alpha- and beta-adrenergic receptor subtypes properties, distribution and regulation. Molinoff PB. **Drugs** 1984;28 Suppl 2:1-15 (134 ref.)

DRUG EFFECTS

Long-term beta 1-selective adrenergic blockade and adrenergic receptors in human subcutaneous adipocytes. Wahrenberg H, et al. **Acta Med Scand** 1985;217(5):539-46

Beta-adrenoceptor function of leukocytes in pregnant women treated with terbutaline for preterm labor. Berg G, et al. **Acta Obstet Gynecol Scand** 1984;63(6):555-61

Alterations in monoamine-containing neuronal function due to administration of antidepressants repeatedly to rats. Frazer A, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:21-34

Comparison of the influence of various antidepressant treatments on beta-adrenergic receptors. Klysner R, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:35-42

Beta adrenergic receptor function in depression and the effect of antidepressant drugs. Pandey GN, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:66-79

A 24-hour glucocorticoid treatment increases the number of beta-adrenoceptors in the rat lung. Salonen RO, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Nov;55(5):425-8

Steric aspects of agonism and antagonism at beta-adrenoceptors: experiments with the enantiomers of clenbuterol. Waldeck B, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Mar;56(3):221-7

Changes in noradrenaline release and in beta receptor number in rat hippocampus following long-term treatment with theophylline or L-phenylisopropyladenosine. Fredholm BB, et al. **Acta Physiol Scand** 1984 Sep;122(1):55-9

Beta-adrenoceptor blockade: electrophysiology and antiarrhythmic mechanisms. Sung RJ, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1115-20

Choice of selective versus nonselective beta blockers: implications for exercise training. Kelly JG. **Am J Cardiol** 1985 Apr 26;55(10):162D-166D

Localization of cAMP in dog and cat trachea: effects of beta-adrenergic agonists. Lazarus SC, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C327-34

Agonist-mediated regulation of alpha 1- and beta 2-adrenergic receptors in cloned MDCK cells. Meier KE, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C69-77

Norepinephrine-induced beta 1-adrenergic peripheral vasodilation in conscious dogs. Vatner SF, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):H49-56

Theophylline toxicity and the beta-adrenergic system. Kearney TE, et al. **Ann Intern Med** 1985 Jun;102(6):766-9

Interaction of macromolecular drugs with beta-adrenoceptors. Pitha J, et al. **Ann NY Acad Sci** 1985; 446:249-57

Effect of some beta adrenergic blocking agents and phenytoin on potentiation of quinidine antiarrhythmic activity in the mouse. Lawson JW. **Arch Int Pharmacodyn Ther** 1984 Jul; 270(1):106-15

Receptor binding characteristics and pharmacokinetic properties as a tool for the prediction of clinical effects of beta-blockers. Wellstein A, et al. **Arzneimittelforsch** 1985;35(1):2-6

Changes in cardiac glycogen synthase and phosphorylase activities following stimulation of beta-adrenergic receptors in rats. Grably S, et al. **Basic Res Cardiol** 1985 Mar-Apr;80(2):175-81

Effect of beta-adrenergic stimulation on free fatty acid content in subepicardial and subendocardial layers of the dog heart in situ. Separation and assay by capillary gas chromatography. Al Makdessi S, et al. **Basic Res Cardiol** 1985 Mar-Apr;80(2):182-90

The influence of endurance training on mechanical catecholamine responsiveness, beta-adrenoceptor density and myosin isoenzyme pattern of rat ventricular myocardium. Takeda N, et al. **Basic Res Cardiol** 1985 Jan-Feb;80(1):88-99

Evidence for a decrease in the efficiency of beta-receptor coupling to adenylate cyclase in liver membranes from sucrose-fed rats. Lynch CJ, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):623-9

Forskolin effects on the beta-adrenergic responsiveness of rat hepatocytes. Pushpendran CK, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):3099-101

Agonist/N-ethylmaleimide mediated inactivation of beta-adrenergic receptors. Molecular aspects. Severne Y, et al. **Biochem Pharmacol** 1985 May 15;34(10):1611-7

Cholesterol modulation of beta-adrenergic receptor characteristics. Scarpace PJ, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):520-5

Effects of the beta 2-adrenoceptor antagonist ICI 118,551 on exercise tachycardia and isoprenaline-induced beta-adrenoceptor responses in man. Arnold JM, et al. **Br J Clin Pharmacol** 1985 May;19(5):619-30

Sulphinpyrazone increases lymphocyte beta-adrenoceptors in man. De Blasi A, et al. **Br J Clin Pharmacol** 1984 Dec; 18(6):963-4

Assessment of beta-adrenoceptor selectivity of a new beta-adrenoceptor antagonist, bisoprolol, in man. Tattersfield AE, et al. **Br J Clin Pharmacol** 1984 Sep; 18(3):343-7

Pharmacological analysis of beta-adrenoceptor-mediated agonism in the guinea-pig, isolated, right atrium. Black JW, et al. **Br J Pharmacol** 1985 Mar;84(3):779-85

Dopexamine: a novel agonist at peripheral dopamine receptors and beta 2-adrenoceptors. Brown RA, et al. **Br J Pharmacol** 1985 Jul;85(3):599-608

Differential effects of D600, nifedipine and dantrolene sodium on excitation-secretion coupling and presynaptic beta-adrenoceptor responses in rat atria. Callanan KM, et al. **Br J Pharmacol** 1984 Nov;83(3):841-7

Effects of chronic administration of amitriptyline or mianserin on rat cardiac and central adrenoceptors. Choudhury L, et al. **Br J Pharmacol** 1985 Jul;85(3):635-8

The affinity and efficacy of the selective beta 1-adrenoceptor stimulant RO363 at beta 1- and beta 2-adrenoceptor sites. McPherson GA, et al. **Br J Pharmacol** 1984 Aug; 82(4):897-904

ICI 118,551: an effective ocular hypotensive agent with selectivity for the ciliary process beta 2-adrenoceptor and with minimal cardiac side effects. Nathanson JA. **Br J Pharmacol** 1984 Nov;83(3):821-9

Responses to the beta 2-selective agonist procaterol of vascular and atrial preparations with different functional beta-adrenoceptor populations. O'Donnell SR, et al. **Br J Pharmacol** 1985 Jan;84(1):227-35

Desensitization of beta-receptors on primary astrocyte cultures by norepinephrine but not by tricyclic antidepressants. Frangakis MV, et al. **Brain Res** 1985 Jul 22;339(1):49-56

Phorbol ester- and diacylglycerol-mediated desensitization of cardiac beta-adrenergic receptors. Limas CJ, et al. **Circ Res** 1985 Sep;57(3):443-9

Inhibitors of prostaglandin synthesis augment beta-adrenergic responsiveness in canine coronary arteries. Rubanyi G, et al. **Circ Res** 1985 Jan;56(1):117-25

Mechanisms of supersensitivity to sympathomimetic amines in the chronically denervated heart of the conscious dog. Vatner DE, et al. **Circ Res** 1985 Jul;57(1):55-64

The interaction of verapamil and norverapamil with beta-adrenergic receptors. Feldman RD, et al. **Circulation** 1985 Sep;72(3):547-54

Mechanism of isoprenaline induced desensitization of rabbit aortic smooth muscle beta-adrenoceptor responses. Little PJ, et al. **Clin Exp Pharmacol Physiol** 1984 Sep-Oct; 11(5):503-11

Alpha- and beta-adrenoceptor changes in patients on maintenance hemodialysis. Brodde OE, et al. **Contrib Nephrol** 1984;41:99-107

Somatostatin alters beta-adrenergic receptor-effector coupling in cultured rat astrocytes. Niehoff DL, et al. **EMBO J** 1985 Feb;4(2):317-21

Influence of long-term beta receptor stimulation with prenalterol on intrinsic heart rate in rats. Nylander E, et al. **Eur J Applied Physiol** 1984;53(1):48-52

The phenomenon of beta-adrenergic hypersensitivity following propranolol withdrawal studied in normal subjects. Kiyingi KS, et al. **Eur J Clin Pharmacol** 1984; 27(4):423-8

Interaction of the antihypertensive drug urapidil with cardiac beta-adrenoceptors in vitro. Freissmuth M, et al. **Eur J Pharmacol** 1984 Sep 3;104(1-2):169-72

Effects of some atypical antidepressants on beta-adrenoceptor binding and adenylate cyclase activity in the rat forebrain. Garcha G, et al. **Eur J Pharmacol** 1985 Jan 15;108(1):1-7

Trimipramine, a tricyclic antidepressant exerting atypical actions on the central noradrenergic system. Hauser K, et al. **Eur J Pharmacol** 1985 Apr 23;111(1):23-30

Reserpine-induced supersensitivity occurs for beta-adrenoceptor-mediated responses of heart and trachea but not of the uterus and lung. Hawthorn MH, et al. **Eur J Pharmacol** 1984 Oct 15;105(3-4):245-55

Pharmacological characterization of the postjunctional beta-adrenoceptors in the rat gastric fundus. Lefebvre RA, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):1-9

The sympathomimetic activity of (+/-)-pindolol at beta 1- and beta 2-adrenoceptor sites. Mian MA, et al. **Eur J Pharmacol** 1985 Feb 12;109(1):65-71

Adrenergic hyposensitivity during long-term diuretic therapy--a possible explanation for the antihypertensive effect of diuretics? Middeke M, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):401-3

Effect of urapidil on beta-adrenoceptors of rat atria. Verberne AJ, et al. **Eur J Pharmacol** 1985 Jan 22; 108(2):193-6

Why is amitriptyline much weaker than desipramine at decreasing beta-adrenoceptor numbers? Wise H, et al. **Eur J Pharmacol** 1985 Mar 26;110(1):137-41

Ocular hypotension in the rabbit. Receptor mechanisms of pirbuterol and nylidrin. Mittag TW, et al. **Invest Ophthalmol Vis Sci** 1985 Feb;26(2):163-9

Effect of beta-adrenergic blockade with timolol on myocardial blood flow during exercise after myocardial infarction in the dog. Herzog CA, et al. **J Am Coll Cardiol** 1984 Dec;4(6):1174-83

New perspectives in cardiopulmonary therapeutics: receptor-selective adrenergic drugs. Adams HR. **J Am Vet Med Assoc** 1984 Nov 1;185(9):966-74 (45 ref.)

Pharmacological evidence for differences in the beta-adrenoreceptor populations mediating atrial and ventricular chronotropic responses in the unanaesthetized dog. Boucher M, et al. **J Auton Pharmacol** 1984 Dec; 4(4):279-86

Role of cyclic AMP in cardiac beta-adrenoceptor desensitization: studies using prenalterol and inhibitors of phosphodiesterase. Bobik A, et al. **J Cardiovasc Pharmacol** 1984 Sep-Oct;6(5):795-801

Prenalterol as a selective cardiostimulant: differences between organ and receptor selectivity. Kenakin TP. **J Cardiovasc Pharmacol** 1985 Jan-Feb;7(1):208-10

Effect of dopamine and blockade of dopaminergic and adrenergic receptors on coronary blood flow in ischemic rabbit myocardium. Rosolowsky M, et al. **J Cardiovasc Pharmacol** 1985 Jul-Aug;7(4):700-8

Beta-adrenoceptor subtypes in human, rat, guinea pig, and rabbit atria. Wilson C, et al. **J Cardiovasc Pharmacol** 1984 Nov-Dec;6(6):1216-21

Beta-adrenergic stimulation inhibits calcium efflux and alters the morphology of cultured arterial muscle cells. Smith JB. **J Cell Physiol** 1984 Nov;121(2):375-82

Evidence for a beta-adrenoceptor-mediated regulation of human natural killer cells. Hellstrand K, et al. **J Immunol** 1985 Jun;134(6):4095-9

The effects of trimetoquinol on the intact rabbit heart and myocardial adenylate cyclase activity: evidence for spare myocardial beta receptors. Babich M, et al. **J Mol Cell Cardiol** 1985 Jun;17(6):565-74

Isoproterenol inhibits residual fast channel via stimulation of beta-adrenoceptors in guinea-pig ventricular muscle. Hisatome I, et al. **J Mol Cell Cardiol** 1985 Jul;17(7):657-65

Regulation by 8-Br-cAMP of beta-adrenoceptors in cultured myocardial cells. Reuter H, et al. **J Mol Cell Cardiol** 1985 Apr;17(4):307-16

Repeated treatment with amitriptyline reduces immobility in the behavioural 'despair' test in rats by activating dopaminergic and beta-adrenergic mechanisms. Borsini F, et al. **J Pharm Pharmacol** 1985 Feb;37(2):137-8

Sulfinpyrazone increases the number of beta-adrenoceptors on intact human lymphocytes. de Blasi A, et al. **J Pharm Pharmacol** 1984 Sep;36(9):630-2

An homogeneous population of beta 1-adrenoceptors subserves inhibitory responses in guinea-pig ileal preparations. Mian MA, et al. **J Pharm Pharmacol** 1984 Oct;36(10):698-9

Peripheral cardiovascular alpha- and beta-adrenergic effects of some hypotensive and bradycardic arylalkyl imidazole derivatives in the rat. Savola JM, et al. **J Pharm Pharmacol** 1985 Jun;37(6):410-4

Effect of imipramine and adrenocorticotropin administration on the rat brain norepinephrine-coupled cyclic nucleotide generating system: alterations in alpha and beta adrenergic components. Duman RS, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):409-14

Rapid down regulation of beta adrenergic receptors by combining antidepressant drugs with forced swim: a model of antidepressant-induced neural adaptation. Duncan GE, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):402-8

Effects of clenbuterol and antidepressant drugs on beta adrenergic receptor/N-protein coupling in the cerebral cortex of the rat. O'Donnell JM, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):30-6

Modulation of beta adrenergic responsiveness by arachidonic acid metabolites in isolated bovine coronary arteries. Rubanyi GM, et al. **J Pharmacol Exp Ther** 1985 Sep; 234(3):555-60

Effects of tertatolol on post- and prejunctional beta adrenoceptors. Verbeuren TJ, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):801-9

Irreversible antagonism of beta-adrenoceptors with para-amino-benzyl-carazolol provides further evidence for an atypical rat adipocyte beta-adrenoceptor. Bojanic D, et al. **J Recept Res** 1984;4(1-6):21-35

Sodium regulation of hormone-sensitive adenylate cyclase. Jakobs KH, et al. **J Recept Res** 1984;4(1-6):443-58

Reticulocyte cytosol activator protein: its actions upon the beta adrenergic receptor and the N-proteins of adenylate cyclase. Shane E, et al. **J Recept Res** 1984;4(1-6):475-86

Supersensitivity of amylase secretion from rat parotid tissue--its selective nature for the beta 2-adrenergic response. Hata F, et al. **Jpn J Pharmacol** 1985 Jan; 37(1):129-32

A possible mechanism in interaction of a partial agonist with beta-adrenoceptor in guinea-pig taenia caecum: effects of Gpp(NH)p on its two different binding sites. Koike K, et al. **Jpn J Pharmacol** 1985 Jun;38(2):169-76

Pharmacological properties of presynaptic beta-adrenoceptors in guinea-pig pulmonary arteries. Misu Y, et al. **Jpn J Pharmacol** 1984 Nov;36(3):329-37

Studies on responsiveness of hepatoma cells to catecholamines. II. Comparison of beta-adrenergic responsiveness of rat ascites hepatoma cells with cultured normal rat liver cells. Miyamoto K, et al. **Jpn J Pharmacol** 1985 May;38(1):101-8

Effects of repeated administration of imipramine on mice: neurochemical and behavioral studies. Nomura S, et al. **Keio J Med** 1984 Sep;33(3):137-42

Beta-adrenergic blocking effects and cardiodepressant activity of penbutolol and its two optical isomers in the guinea-pig left atrium. Badia A, et al. **Methods Find Exp Clin Pharmacol** 1984 Aug;6(8):445-8

Effects of tunicamycin on the expression of beta-adrenergic receptors in human astrocytoma cells during growth and recovery from agonist-induced down-regulation. Doss RC, et al. **Mol Pharmacol** 1985 May;27(5):507-16

Homologous desensitization of the beta-adrenergic receptor. Functional integrity of the desensitized receptor from mammalian lung. Strasser RH, et al. **Mol Pharmacol** 1985 Sep;28(3):237-45

6-Hydroxydopamine pretreatment effects on alpha- and beta-adrenergic receptor adaptation to clorgyline. Cohen RM, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Apr;329(2):158-61

Irreversible blockade of beta-adrenergic receptors with a bromoacetyl derivative of pindolol. Homburger V, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan; 328(3):279-87

Interactions of the enantiomers of 3-O-methyldobutamine with alpha- and beta-adrenoceptors in vitro. Ruffolo RR Jr, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 May; 329(3):244-52

Interactions of three inotropic agents, ASL-7022, dobutamine and dopamine, with alpha- and beta-adrenoceptors in vitro. Ruffolo RR Jr, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Jul; 326(4):317-26

Stimulant and blocking effects of optical isomers of pindolol on the sinoatrial node and trachea of guinea pig. Role of beta-adrenoceptor subtypes in the dissociation between blockade and stimulation. Walter M, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Sep; 327(2):159-75

Effect of desipramine, phenoxybenzamine and yohimbine on beta-adrenoceptors and cyclic AMP production in the rat brain. Campbell IC, et al. **Neuropharmacology** 1984 Dec; 23(12A):1385-8

Modification of beta-adrenergic receptor binding in rat brain following thyroxine administration. Perumal AS, et al. **Neurosci Lett** 1984 Jul 27;48(2):217-21

Cardiac beta-adrenoceptor desensitization after sinoaortic baroreceptors denervation or isoproterenol-pretreatment. Cabral AM, et al. **Pharmacol Res Commun** 1984 Oct; 16(10):1031-40

Progesterone in rat brain: modulation of beta-adrenergic receptor activity. Maggi A, et al. **Pharmacol Res Commun** 1985 Mar;17(3):283-91

Atenolol-induced regulation of leukocyte beta 2-adrenoceptors in hypertension. Piantanelli L, et al. **Pharmacology** 1984;29(4):210-4

Beta-adrenoceptor density changes and reserpine induced supersensitivity. Tenner TE, et al. **Proc West Pharmacol Soc** 1984;27:5-9

Serotonin agonists and beta-adrenergic agonists as a treatment for depressive disorder: a direct clinical application. Stahl SM. **Psychopharmacol Bull** 1985; 21(1):43-7

Betamethasone increases the beta-adrenergic receptor density of human polymorphonuclear leukocytes. Marone G et al. **Ric Clin Lab** 1985 Jan-Mar;15(1):25-32

Absence of high-affinity binding sites for beta-adrenergic blockers and lack of adenyl cyclase stimulation to beta-adrenergic stimulators in most normal and adenomatous human thyroid tissues. Goretzki PE, et al. **Surgery** 1984 Dec;96(6):1001-8

[Adrenergic mechanisms in the hypotensive action of a piperazine derivative of 2-aminotetralin] Mutafova-Iambolieva V, et al. **Eksp Med Morfol** 1985; 24(1):8-12 (Eng. Abstr.) **(Bul)**

[Mechanism of action of oxyfedrine as a partial beta receptor agonist] Sternitzke N, et al. **Z Kardiol** 1984 Sep; 73(9):586-93 (Eng. Abstr.) **(Ger)**

[Increased sensitivity of the bronchial system of hypertensive pregnant patients to beta-adrenergic stimulation] Oddoy A, et al. **Zentralbl Gynakol** 1985;107(2):84-9 (Eng. Abstr.) **(Ger)**

[Effect of beta-mimetics on bronchial mucus transport] Vastag E, et al. **Orv Hetil** 1985 Feb 10;126(6):323-6 (Eng. Abstr.) **(Hun)**

[Effects of isoproterenol, triiodothyronine and thiouracil on rat myocardial beta receptors] Ogawa K, et al. **Kokyu To Junkan** 1984 Nov;32(11):1135-7 **(Jpn)**

[Catecholamine receptors and antagonists: b. Presynaptic receptors] Tsuda K, et al. **Nippon Rinsho** 1985 May; 43(5):935-42 (40 ref.) **(Jpn)**

[Effect of stimulation of beta-adrenergic and H2 receptors of polymorphonuclear granulocytes on the release of lysosomal enzymes in patients with hay fever before and after treatment with Pollinex] Wrzyszcz M, et al. **Pol Tyg Lek** 1985 Mar 25-31;40(12-13):377-9 **(Pol)**

[Functional changes of components of the adenylate cyclase complex during heterologous desensitization by isoproterenol] Popov KM, et al. **Biokhimiia** 1984 Oct; 49(10):1719-26 (Eng. Abstr.) **(Rus)**

[Desensitization of beta-adrenoreceptors and its influence on manifestations of the antiradiation effect of isoproterenol] Chirkov IuIu, et al. **Biull Eksp Biol Med** 1984 Nov; 98(11):558-60 (Eng. Abstr.) **(Rus)**

[Effect of alpha- and beta-adrenoreceptor blockade on the secretory process in the rat pancreas] Kuznetsova OA, et al. **Fiziol Zh** 1985 Jan-Feb;31(1):83-5 **(Rus)**

[Kidney reaction to an increase in extracellular fluid volume in adrenoreceptor blockage] Petriuk AE. **Fiziol Zh** 1984 Nov-Dec;30(6):736-9 **(Rus)**

[Effect of the blockade of alpha- and beta adrenergic receptors on the release of hemocoagulating compounds from the intestine into the blood] Golyshenkov SP. **Fiziol Zh SSSR** 1985 Feb;71(2):226-30 (Eng. Abstr.) **(Rus)**

[Selective effect of isoproterenol on radiosensitivity of cells associated with differences in beta-adrenoreceptor expression] Chirkov IuIu, et al. **Med Radiol (Mosk)** 1985 Jul;30(7):55-8 (Eng. Abstr.) **(Rus)**

[Characterization of beta-2 adrenergic receptors in the human uterine artery] García de Boto MJ, et al. **Rev Esp Fisiol** 1984 Dec;40(4):449-54 (Eng. Abstr.) **(Spa)**

GENETICS

Beta-adrenergic and muscarinic cholinergic receptors: overlap in their genetic determination. Nagy A, et al. **J Neurosci Res** 1984;12(4):607-13

Genetic analysis of beta-adrenergic receptor internalization and down-regulation. Mahan LC, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):129-33

ISOLATION & PURIFICATION

Biochemical characterization of the adrenergic receptors: affinity labeling, purification, and reconstitution studies. Caron MG, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:1-12

Beta-adrenoreceptors in rat brown adipose tissue: proportions of beta 1- and beta 2-subtypes. Rothwell NJ, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):E397-402

The mammalian beta 2-adrenergic receptor: purification and characterization. Benovic JL, et al. **Biochemistry** 1984 Sep 25;23(20):4510-8

Purified rat hepatic beta 2-adrenergic receptor. Structural similarities to the rat fat cell beta 1-adrenergic receptor. Graziano MP, et al. **J Biol Chem** 1985 Jun 25; 260(12):7665-74

Isolation and characterization of beta 1-adrenergic receptors from adult, rat cardiac myocytes. Im JH, et al. **J Mol Cell Cardiol** 1984 Oct;16(10):867-73

METABOLISM

Beta receptors in peripheral mononuclear cells increase acutely during exercise. Burman KD, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):563-8

Altered plasma catecholamines and numbers of alpha- and beta-adrenergic receptors in platelets and leucocytes in hyperthyroid patients normalized under antithyroid treatment. Ratge D, et al. **Acta Endocrinol (Copenh)** 1985 Sep;110(1):75-82

Characterization of beta-adrenergic receptors in human myometrium and placenta. Falkay G, et al. **Acta Physiol Hung** 1985;65(4):491-5

Interactions of agonists with beta-adrenergic receptors on S49 lymphoma cells. Abramson SN, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:13-27

beta-Adrenergic receptors and regulatory GTP-binding proteins: reconstitution of coupling in phospholipid vesicles. Asano T, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:47-56

ADP-ribosylation of the inhibitory guanine nucleotide regulatory protein (Ni) as a possible mechanism underlying development of beta-adrenergic responses during primary culture of rat hepatocytes. Ui M, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:195-205

O2 transport and uptake in dogs during CO hypoxia with and without beta-block. King CE, et al. **Adv Exp Med Biol** 1984;180:591-8

beta-Adrenergic-receptor and adenylate cyclase properties in pregnant and nonpregnant guinea pig myometrium. Hatjis CG. **Am J Obstet Gynecol** 1985 Apr 1;151(7):943-50

Estrogen increases beta-adrenergic binding in the preterm fetal rabbit lung. Moawad AH, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):514-9

Developmental changes of beta-adrenergic receptor-linked adenylate cyclase of rat liver. Katz MS, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E712-8

Characterization of a beta-adrenergic receptor in porcine trachealis muscle. Popovich KJ, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C342-9

Hydrocortisone-induced reversal of beta-adrenergic receptor uncoupling. Samuelson WM, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1023-6

Idiotypy of catecholamine-binding proteins. Strosberg AD, et al. **Ann Inst Pasteur Immunol** 1985 Jan-Feb; 136C(1):157-68

Deglycosylated mammalian beta 2-adrenergic receptors: effect on radioligand binding and peptide mapping. Stiles GL. **Arch Biochem Biophys** 1985 Feb 15;237(1):65-71

Glucocorticoid-induced alteration of beta-adrenergic adenylate cyclase response of epidermis. Ohkawara A, et al. **Arch Dermatol Res** 1985;277(2):88-92

Identical binding properties of (+/-)- and (-)-125Iodocyanopindolol to beta 2-adrenoceptors in intact human lymphocytes. O'Hara N, et al. **Arch Int Pharmacodyn Ther** 1984 Nov;272(1):24-39

Beta-adrenergic receptors in rat myocardium during the development and reversal of hypertrophy and following chronic infusions of angiotensin II and epinephrine. Upsher ME, et al. **Arch Int Pharmacodyn Ther** 1985 Mar; 274(1):65-79

Effects of celiprolol (REV 5320), a new cardioselective beta-adrenoceptor antagonist, on in vitro adenylate cyclase, alpha- and beta-adrenergic receptor binding and lipolysis. Van Inwegen RG, et al. **Arch Int Pharmacodyn Ther** 1984 Nov;272(1):40-55

Radioligand binding studies with 3-(4-(2-hydroxy-3-((1,1-dimethylethyl)-amino)-propoxy)-phenyl)-7-methoxy-2 1(2H)-isoquinolinone (HI-42), a new cardioselective beta-adrenoceptor blocker with long-lasting effects in vivo. Jackisch R, et al. **Arzneimittelforsch** 1985; 35(1A):237-40

Decrease in ventricular beta-adrenergic receptors in trained diabetic rats. Sylvestre-Gervais L, et al. **Basic Res Cardiol** 1984 Jul-Aug;79(4):432-9

beta-Adrenergic activation of glycosyltransferases in the dolichylmonophosphate-linked pathway of protein N-glycosylation. Banerjee DK, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):123-9

Effect of a novel thermogenic beta-adrenoceptor agonist (BRL 26830) on insulin resistance in soleus muscle from obese Zucker rats. Challiss RA, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):928-35

Carbachol induces desensitization of cardiac beta-adrenergic receptors through muscarinic M1 receptors. Limas CJ, et al. **Biochem Biophys Res Commun** 1985 Apr 30; 128(2):699-704

Agonist-induced internalization of the beta adrenergic receptor in a smooth muscle cell line. Sher E, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):863-70

'Spare' beta-adrenergic receptors of rat white adipocyte membranes. Lacasa D, et al. **Biochem Int** 1984 Aug; 9(2):187-95

Endocytosis of beta-adrenergic ligands by rat liver. Comparison of beta-adrenergic receptor and adenylate cyclase distribution in endosome and plasma-membrane fractions. Hadjiivanova N, et al. **Biochem J** 1984 Sep 15; 222(3):749-54

Beta-adrenergic activity and conformation of the antihypertensive specific alpha 2-agonist drug, guanabenz. Diamant S, et al. **Biochem Pharmacol** 1985 Feb 15; 34(4):491-8

Factors controlling beta 1-adrenoceptor affinity and selectivity. Ijzerman AP, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2883-90

The ontogenesis of beta-adrenergic receptors and of adenylate cyclase in the developing rat brain. Keshles O, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3231-3

Photoaffinity labeling of beta-adrenergic receptors in mammalian tissues. Nambi P, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3813-22

Reconstitution of catecholamine-stimulated binding of guanosine 5'-O-(3-thiotriphosphate) to the stimulatory GTP-binding protein of adenylate cyclase. Asano T, et al. **Biochemistry** 1984 Nov 6;23(23):5460-7

Catecholamine-stimulated guanosine 5'-O-(3-thiotriphosphate) binding to the stimulatory GTP-binding protein of adenylate cyclase: kinetic analysis in reconstituted phospholipid vesicles. Asano T, et al. **Biochemistry** 1984 Nov 6;23(23):5467-71

The mammalian beta 2-adrenergic receptor: reconstitution of functional interactions between pure receptor and pure stimulatory nucleotide binding protein of the adenylate cyclase system. Cerione RA, et al. **Biochemistry** 1984 Sep 25;23(20):4519-25

Proteolysis-associated deglycosylation of beta 1-adrenergic receptor in turkey erythrocytes and membranes. Jürss R, et al. **Biochemistry** 1985 Jun 18;24(13):3349-54

Regulation of diamine oxidase expression by beta 2-adrenoceptors in normal and hypertrophic rat kidney. Desiderio MA, et al. **Biochim Biophys Acta** 1985 Jun 30; 845(3):463-8

The effect of age and cholesterol on the rat lung beta-adrenergic system. O'Connor SW, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):497-502

Endogenous proteinases modulate the function of the beta-adrenergic receptor-adenylate cyclase system. Stiles GL, et al. **Biochim Biophys Acta** 1984 Dec 20;802(3):390-8

Characteristics of beta-adrenergic receptors in isolated cells and in crude membranes of brown adipose tissue. Senault C, et al. **Biochimie** 1984 Jul-Aug;66(7-8):573-8

Beta-adrenergic receptor interaction with guanosine triphosphate in fetal rabbit myocardial membranes. Hatjis CG. **Biol Neonate** 1984;46(5):254-60

Interaction of proteins of the adenylate cyclase complex: area-limited mobility or movement along the whole membrane? Analysis with the application of the percolation theory. Sobolev AS, et al. **Biosci Rep** 1984 Oct; 4(10):897-902

The costo-uterine muscle of the rat contains a homogeneous population of beta-adrenoceptors. Hartley ML, et al. **Br J Pharmacol** 1985 Feb;84(2):463-8

Autoradiographic localization of beta-adrenoceptor subtypes in guinea-pig kidney. Lew R, et al. **Br J Pharmacol** 1985 Jun;85(2):341-8

Autoradiographic quantitation of beta-adrenergic receptors on neural cells in primary cultures. I. Pharmacological studies of [125I] pindolol binding of individual astroglial cells. Burgess SK, et al. **Brain Res** 1985 May 27;335(1):1-9

Autoradiographic quantitation of beta-adrenergic receptors on neural cells in primary cultures. II. Comparison of receptors on various types of immunocytochemically identified cells. Burgess SK, et al. **Brain Res** 1985 May 27;335(1):11-9

Laminar distribution of alpha 1- and beta 1-adrenoceptors in ferret visual cortex. Goffinet A, et al. **Brain Res** 1985 Apr 29;333(1):11-7

Effect of age on the rate of recovery of beta-adrenergic receptors in rat brain following desmethylimipramine-induced subsensitivity. Greenberg LH, et al. **Brain Res** 1985 Feb 25;328(1):81-8

Platelet alpha-adrenergic receptor activity and pizotifen in migrainous children. Bond PA, et al. **Cephalalgia** 1985 Mar; 5(1):25-9

Rapid recovery of cardiac beta-adrenergic receptors after isoproterenol-induced 'down'-regulation. Limas CJ, et al. **Circ Res** 1984 Oct;55(4):524-31

Enhanced gluconeogenic capacity from glycerol in hyperthyroid man: evidence in favour of a beta-adrenergic mechanism. McCulloch AJ, et al. **Clin Endocrinol (Oxf)** 1984 Oct;21(4):399-407

Alloimmune IgG binds and modulates cardiac beta-adrenoceptor activity. Sterin-Borda L, et al. **Clin Exp Immunol** 1984 Oct;58(1):223-8

Identification of beta-adrenergic receptors in teleost red blood cells. Bennett MB, et al. **Comp Biochem Physiol [C]** 1985;81(2):411-4

Effects of chronic beta receptor stimulation on glucose metabolism. Scheidegger K, et al. **Diabetes** 1984 Dec; 33(12):1144-9

Effects of hypercholesterolemia on beta adrenoceptors in the rabbit heart. Mokler CM, et al. **Drug Nutr Interact** 1985; 3(3):165-72

Reconstitution of beta-adrenergic receptor with components of adenylate cyclase. Hekman M, et al. **EMBO J** 1984 Dec 20;3(13):3339-45

Lack of preventive effect of 6-hydroxy-dopamine on a decrease of beta-adrenergic receptors induced by repeated stress in the heart of rats. Torda T, et al. **Endocrinol Exp (Bratisl)** 1985 Mar;19(1):47-51

Beta-adrenergic stimulation of aldosterone production by rat adrenal capsular explants. Pratt JH, et al. **Endocrinology** 1985 Sep;117(3):1189-94

Translocation and uncoupling of the beta-adrenergic receptor in rat lung after catecholamine promoted desensitization in vivo. Strasser RH, et al. **Endocrinology** 1984 Oct;115(4):1392-400

Beta-adrenergic hormone-receptor interactions in the hypertrophied and failing myocardium. Limas CJ, et al. **Eur Heart J** 1984 Dec;5 Suppl F:329-37

N-Bromoacetyl-amino-cyanopindolol: a highly potent beta-adrenergic affinity label blocks irreversibly a non-protein component tightly associated with the receptor. Chorev M, et al. **Eur J Biochem** 1985 Jan 2; 146(1):9-14

Direct assessment of beta-adrenergic receptors in intact rat adipocytes by binding of [3H]CGP 12177. Evidence for agonist high-affinity binding complex and for beta 1 and beta 2 receptor subtypes. Lacasa D, et al. **Eur J Biochem** 1985 Jan 15;146(2):339-46

Autoradiographic localisation of beta-adrenoceptors in human lung. Carstairs JR, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):189-90

Altered binding properties of beta-adrenergic receptors and lack of coupling to adenylate cyclase in P815 mastocytoma cells. Durieu-Trautmann O, et al. **Eur J Pharmacol** 1985 Jan 22;108(2):133-41

Alpha 1- and beta-adrenergic and muscarinic cholinergic receptors in guinea-pig nasal mucosa. Ishibe T, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):107-12

High affinity non-beta-adrenoceptor binding of beta-adrenergic ligands. Rademaker B, et al. **Eur J Pharmacol** 1985 Apr 23;111(1):31-6

Characterization of beta-adrenergic receptors in fresh and primary cultured bovine corneal endothelium. Walkenbach RJ, et al. **Exp Eye Res** 1985 Jan;40(1):15-21

A pivotal role for serotonin (5HT) in the regulation of beta adrenoceptors by antidepressants: reversibility of the action parachlorophenylalanine by 5-hydroxytroptophan. Manier DH, et al. **Experientia** 1984 Nov 15;40(11):1223-6

Study of beta-adrenoceptors and beta-adrenergic responsiveness in cultured 'preneoplastic-like' and neoplastic rat hepatocytes. Cortinovis C, et al. **Gen Pharmacol** 1985;16(3):259-63

A simple non-parametric procedure for rapid estimation of Scatchard parameters. Schliebs R, et al. **Gen Physiol Biophys** 1984 Jun;3(3):271-5

Iodohydroxybenzylpindolol binding to beta-adrenergic receptors of diabetic and control rat adipocytes' crude membrane. Madar Z. **Horm Metab Res** 1984 Dec;16 Suppl 1:59-62

Changes of lymphocyte beta-adrenergic receptors after surgical stress. Eandi M, et al. **Int J Clin Pharmacol Res** 1984;4(5):349-54

Receptor-selective localization in pancreas. Gibson RE, et al. **Int J Nucl Med Biol** 1985;12(1):29-32

Distribution and quantitative developmental changes in guinea pig pulmonary beta-receptors. Gatto C, et al. **J Appl Physiol** 1984 Dec;57(6):1901-7

Interaction of the enantiomers of 3-0-methyldobutamine, a metabolite of dobutamine, with alpha- and beta-adrenoreceptors in the cardiovascular system of the pithed rat. Ruffolo R Jr, et al. **J Auton Pharmacol** 1984 Dec;4(4):295-302

Reciprocal expressions of alpha 1- and beta-adrenergic receptors, but constant expression of glucagon receptor by rat hepatocytes during development and primary culture. Nakamura T, et al. **J Biochem (Tokyo)** 1984 Jul; 96(1):127-36

A comparison of energy metabolism and the effects of beta-adrenergic stimulation in the tongue and attached gingiva of the dog. Robin O, et al. **J Biol Buccale** 1985 Mar;13(1):27-36

Phosphorylation of the mammalian beta-adrenergic receptor by cyclic AMP-dependent protein kinase. Regulation of the rate of receptor phosphorylation and dephosphorylation by agonist occupancy and effects on coupling of the receptor to the stimulatory guanine nucleotide regulatory protein. Benovic JL, et al. **J Biol Chem** 1985 Jun 10;260(11):7094-101

Specificity of the functional interactions of the beta-adrenergic receptor and rhodopsin with guanine nucleotide regulatory proteins reconstituted in phospholipid vesicles. Cerione RA, et al. **J Biol Chem** 1985 Feb 10;260(3):1493-500

Conversion of adrenergic mechanism from an alpha- to a beta-type during primary culture of rat hepatocytes. Accompanying decreases in the function of the inhibitory guanine nucleotide regulatory component of adenylate cyclase identified as the substrate of islet-activating protein. Itoh H, et al. **J Biol Chem** 1984 Dec 25;259(24):15464-73

Hepatic adenylate cyclase. Development-dependent coupling to the beta-adrenergic receptor in the neonate. Kawai Y, et al. **J Biol Chem** 1985 Sep 5;260(19):10826-32

Rapid agonist-induced decrease of 125I-pindolol binding to beta-adrenergic receptors. Relationship to desensitization of cyclic AMP accumulation in intact heart cells. Linden J, et al. **J Biol Chem** 1984 Dec 25;259(24):15115-22

Desensitization of the turkey erythrocyte beta-adrenergic receptor in a cell-free system. Evidence that multiple protein kinases can phosphorylate and desensitize the receptor. Nambi P, et al. **J Biol Chem** 1985 Feb 25; 260(4):2165-71

Homologous desensitization of adenylate cyclase is associated with phosphorylation of the beta-adrenergic receptor. Sibley DR, et al. **J Biol Chem** 1985 Apr 10;260(7):3883-6

Homologous desensitization of beta-adrenergic receptor coupled adenylate cyclase. Resensitization by polyethylene glycol treatment. Strasser RH, et al. **J Biol Chem** 1985 Apr 25;260(8):4561-4

Relationship between an altered membrane form and a low affinity form of the beta-adrenergic receptor occurring during catecholamine-induced desensitization. Evidence for receptor internalization. Toews ML, et al. **J Biol Chem** 1984 Oct 10;259(19):11844-50

Human cardiac beta-adrenoceptors: both beta 1- and beta 2-adrenoceptors are functionally coupled to the adenylate cyclase in right atrium. Brodde OE, et al. **J Cardiovasc Pharmacol** 1984 Nov-Dec;6(6):1184-91

Down-regulation of gonadotropin and beta-adrenergic receptors by hormones and cyclic AMP. Fishman PH, et al. **J Cell Biochem** 1985;27(3):231-9

Beta adrenergic receptor repopulation of C6 glioma cells after irreversible blockade and down regulation. Homburger V, et al. **J Cell Physiol** 1984 Dec;121(3):589-97

Ectopic beta-adrenergic receptors coupled to adenylate cyclase in human adrenocortical carcinomas. Katz MS, et al. **J Clin Endocrinol Metab** 1985 May;60(5):900-9

Evidence for beta adrenoceptors in proximal tubules. Isoproterenol-sensitive adenylate cyclase in pars recta of canine nephron. Murayama N, et al. **J Clin Invest** 1985 Aug;76(2):474-81

Modulation of lymphocyte adrenergic receptors by hormones and anti-asthmatic drugs. Williams WR, et al. **J Clin Lab Immunol** 1985 Mar;16(3):131-6

Epinephrine-induced sequestration of the beta-adrenergic receptor in cultured S49 WT and cyc- lymphoma cells. Clark RB, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(1):97-119

Evidence for two specific affinity states of 3H-antagonist binding to cardiac beta-adrenergic receptors and influence of Gpp(NH)p. Lang PH, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(4):341-60

beta-Adrenergic receptors and adenylate cyclase activity in murine lymphoid cell lines. Staehelin M, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985;10(1):55-64

Radioreceptor assay for beta-adrenergic receptor-reactive catecholamines in serum samples. Iwo K, et al. **J Lab Clin Med** 1985 Jun;105(6):711-7

Quantitative evaluation of the beta 2-adrenoceptor affinity of phenoxypropanolamines and phenylethanolamines. IJzerman AP, et al. **J Med Chem** 1985 Sep;28(9):1328-34

An interdisciplinary approach to the design of new structures active at the beta-adrenergic receptor. Aliphatic oxime ether derivatives. Macchia B, et al. **J Med Chem** 1985 Feb; 28(2):153-60

Direct insertion and fluorescence studies of rhodamine-labeled beta-adrenergic receptors in cell membranes. Cherksey BD, et al. **J Membr Biol** 1985; 84(2):105-16

Receptor-mediated phosphorylation of astroglial intermediate filament proteins in cultured astroglia. McCarthy KD, et al. **J Neurochem** 1985 Mar;44(3):723-30

The affinity and efficacy of naturally occurring catecholamines at beta-adrenoceptor subtypes. McPherson GA, et al. **J Pharm Pharmacol** 1985 Jul;37(7):499-501

Comparison of beta-adrenoceptor populations in cat and guinea-pig left atria. Molenaar P, et al. **J Pharm Pharmacol** 1985 Apr;37(4):257-60

Differential inhibition of beta adrenergic receptors in human and rabbit ciliary process and heart. Nathanson JA. **J Pharmacol Exp Ther** 1985 Jan;232(1):119-26

Chronic thyroxine treatment of rats down-regulates the noradrenergic cyclic AMP generating system in cerebral cortex. Schmidt BH, et al. **J Pharmacol Exp Ther** 1985 May;233(2):466-72

Receptor to effector coupling in the receptor-dependent adenylate cyclase system. Levitzki A. **J Recept Res** 1984; 4(1-6):399-409

Changes in beta-adrenoceptor binding properties and receptor-cyclase coupling during in vitro maturation of rat reticulocytes. Montandon JB, et al. **J Recept Res** 1984; 4(1-6):91-102

Thermodynamic study of iodocyanopindolol beta-adrenoceptors interactions with rat lung and cerebral cortex. Morin D, et al. **J Recept Res** 1983-84;3(6):773-90

Some unique properties of CGP-12177. Portenier M, et al. **J Recept Res** 1984;4(1-6):103-11

Non-specific binding of the fluorescent beta-adrenergic receptor probe alprenolol-NBD. Rademaker B, et al. **J Recept Res** 1985;5(2-3):121-31

Turnover of adrenergic receptors under normal and desensitized conditions. Sladeczek F, et al. **J Recept Res** 1984;4(1-6):69-89

Studies on responsiveness of hepatoma cells to catecholamines. I. Lack of beta-adrenergic responsiveness in rat ascites hepatoma AH13 cells. Matsunaga T, et al. **Jpn J Pharmacol** 1984 Dec;36(4):499-506

Influence of polymeric effectors on binding of 3H-dihydroalprenolol to beta-adrenergic receptor of rat brain. Tsuchihashi H, et al. **Jpn J Pharmacol** 1985 May; 38(1):17-23

Binding characteristics of 3H-dihydroalprenolol to beta-adrenergic receptors of rat brain: influence of lectins. Tsuchihashi H, et al. **Jpn J Pharmacol** 1985 Jun;38(2):121-5

Physical activity decreases the number of beta-adrenergic receptors on human lymphocytes. Krawietz W, et al. **Klin Wochenschr** 1985 Jan 15;63(2):73-8

Adrenergic receptors on cerebral microvessels in control and parkinsonian subjects. Cash R, et al. **Life Sci** 1985 Aug 12;37(6):531-6

A fundamental temperature-dependent difference between beta-adrenoceptor agonists and antagonists. Chess-Williams RG, et al. **Life Sci** 1984 Sep 3; 35(10):1091-9

Glutaraldehyde pretreatment blocks phospholipase A2 modulation of adrenergic receptors. Cohen RM, et al. **Life Sci** 1985 Jan 7;36(1):25-32

Glucocorticoids increase beta-adrenoceptors on human intact lymphocytes in vitro. Cotecchia S, et al. **Life Sci** 1984 Dec 3;35(23):2359-64

Beta adrenergic receptors and cyclic AMP levels in intact human lymphocytes: effects of age and gender. Halper JP, et al. **Life Sci** 1984 Aug 20;35(8):855-63

Association of sequestered beta-adrenergic receptors with the plasma membrane: a novel mechanism for receptor down regulation. Strader CD, et al. **Life Sci** 1984 Oct 8; 35(15):1601-10

A sulfhydryl group of the canine cardiac beta-adrenergic receptor observed in the absence of hormone. Strauss WL, et al. **Life Sci** 1985 May 6;36(18):1699-706

Construction of hormonally responsive intact cell hybrids by cell fusion: transfer of beta-adrenergic receptor and nucleotide regulatory protein(s) in normal and desensitized cells. Schulster D, et al. **Methods Enzymol** 1985;109:366-77

Correlation between pharmacological response, kinetics of plasma concentration and in vitro receptor affinities exemplified with beta-adrenoceptor blocking drugs. Wellstein A, et al. **Methods Find Exp Clin Pharmacol** 1984 Oct;6(10):641-4

Covalent labeling of the beta-adrenergic ligand-binding site with para-(bromoacetamidyl)benzylcarazolol. A highly potent beta-adrenergic affinity label. Dickinson KE, et al. **Mol Pharmacol** 1985 May;27(5):499-506

Receptors for beta-adrenergic agonists in cultured chick ventricular cells. Relationship between agonist binding and physiologic effect. Marsh JD, et al. **Mol Pharmacol** 1985 Jan;27(1):10-8

A new approach to determine rates of receptor appearance and disappearance in vivo. Application to agonist-mediated down-regulation of rat renal cortical beta 1- and beta 2-adrenergic receptors. Snavely MD, et al. **Mol Pharmacol** 1985 Jan;27(1):19-26

Use of a density shift method to assess beta-adrenergic receptor synthesis during recovery from catecholamine-induced down-regulation in human astrocytoma cells. Waldo GL, et al. **Mol Pharmacol** 1984 Nov;26(3):424-9

Desensitization of catecholamine-stimulated adenylate cyclase and down-regulation of beta-adrenergic receptors in rat glioma C6 cells. Role of cyclic AMP and protein synthesis. Zaremba TG, et al. **Mol Pharmacol** 1984 Sep; 26(2):206-13

Molecular mechanisms of receptor desensitization using the beta-adrenergic receptor-coupled adenylate cyclase system as a model. Sibley DR, et al. **Nature** 1985 Sep 12-18; 317(6033):124-9 (97 ref.)

Behavioral evidence for beta-adrenoceptor subsensitivity after subacute antidepressant/alpha 2-adrenoceptor antagonist treatment. Goldstein JM, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jun; 329(4):355-8

Desensitized beta-adrenoceptors of C6-glioma cells have distinct binding properties. Hertel C, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Nov; 328(1):51-5

The relation between ionization and affinity of beta-adrenoceptor ligands. IJzerman AP, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Oct; 327(4):293-8

Different steric characteristics of beta 1- and beta 2-adrenoceptors. Morris TH, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Sep; 327(2):176-9

Changes occur in central adrenoreceptor function following long-term morphine treatment and during morphine withdrawal. Moises HC, et al. **Neuropeptides** 1984 Dec; 5(1-3):29-32

Changes in brainstem and spinal adrenoceptor binding with ageing in spontaneously hypertensive and Wistar-Kyoto rats. Howes LG, et al. **Neurosci Lett** 1985 Jun 24; 57(3):247-50

Glucocorticoids preferentially increase fetal alveolar beta-adrenoreceptors: autoradiographic evidence. Barnes P, et al. **Pediatr Res** 1984 Nov;18(11):1191-4

The effect of the beta-adrenergic receptor antagonist, propranolol, on the cerebral spread of a memory trace in mice. Flexner LB, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):633-9

Characterization and autoradiographic distribution of the beta-adrenergic receptor in the rat lung. Finkel MS, et al. **Pharmacology** 1984;29(5):247-54

Impaired regulation of beta-adrenoceptors in patients on maintenance haemodialysis. Daul AE, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:178-84

Structural similarities between the mammalian beta-adrenergic and reovirus type 3 receptors. Co MS, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5315-8

Functional alteration of the beta-adrenergic receptor during desensitization of mammalian adenylate cyclase by beta-agonists. Kassis S, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6686-90

Beta 2-adrenergic receptors contribute to catecholamine-stimulated shortening of action potential duration in dog atrial muscle. Liang BT, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4521-5

Beta-adrenoceptor desensitization in the lung. A phenomenon related to prostanoids. Omini C, et al. **Prog Biochem Pharmacol** 1985;20:63-73 (28 ref.)

Studies of beta-adrenergic receptors in leukocytes of patients with affective illness and effects of antidepressant drugs. Pandey GN, et al. **Psychopharmacol Bull** 1985;21(3):603-9

Phosphorylation of the beta-adrenergic receptor accompanies catecholamine-induced desensitization of turkey erythrocyte adenylate cyclase. Stadel JM, et al. **Trans Assoc Am Physicians** 1983;96:137-45

The activation of mice's behavior and reduction of brain beta-adrenergic receptor binding following repeated administration of antidepressant drugs. Nomura S, et al. **Yakubutsu Seishin Kodo** 1984 Nov;4(3):237-41

[The effect of thyroid gland function on beta adrenergic receptors in human lymphocytes and their membrane fractions] Nedvídková J, et al. **Cas Lek Cesk** 1984 Dec 14;123(50):1531-5 (Eng. Abstr.) **(Cze)**

[Beta-adrenergic receptors in healthy individuals and in patients with essential hypertension] Přikryl P, et al. **Vnitr Lek** 1985 Feb;31(2):142-9 (Eng. Abstr.) **(Cze)**

[Maternal and fetal hemodynamics under simultaneous beta stimulation and beta1 blockade in a tocolysis model. Considerations on status of the neonatal beta receptor and transplacental passage of metoprolol] Siekmann U, et al. **Arzneimittelforsch** 1984;34(9):1025-30 (Eng. Abstr.) **(Ger)**

[Low-dose dopamine as an activator of renal catecholamine receptors of different classes. I. Studies in water-salt depletion] Agnoli GC, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1943-8 (Eng. Abstr.) **(Ita)**

[Low-dose dopamine as an activator of renal catecholamine receptors of different classes. II. Studies in water-saline depletion and associated adrenergic blockade] Agnoli GC, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1949-54 (Eng. Abstr.) **(Ita)**

[Affinity of isoproterenol to the heart chronotropic beta-adrenergic receptors--comparison between normal and patients with hyperthyroidism] Minatoguchi S, et al. **Kokyu To Junkan** 1984 Nov;32(11):1139-45 **(Jpn)**

[Localization of adenylate cyclase in the rabbit ciliary epithelium, cytochemical proof. 2. Localization of adenylate cyclase binding to beta-receptor] Nishimura T, et al. **Nippon Ganka Gakkai Zasshi** 1984 Aug;88(8):1157-65 (Eng. Abstr.) **(Jpn)**

[Analysis of renal adrenergic receptor by radioreceptor assay: characterization of alpha- and beta-adrenergic receptor in rat kidney] Shigetomi S, et al. **Nippon Jinzo Gakkai Shi** 1984 Oct;26(10):1355-60 (Eng. Abstr.) **(Jpn)**

[Decreased beta-adrenergic receptor binding in the rat's brain on the activity-stress paradigm] Sakaida S, et al. **Yakubutsu Seishin Kodo** 1984 Sep;4(2):191-4 (Eng. Abstr.) **(Jpn)**

[Separation of [3H]dihydroalprenolol, free or bound to solubilized beta-adrenergic receptors, on a cation-exchange resin] Voelkov VL, et al. **Bioorg Khim** 1983 May;9(5):628-32 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Metabolic effects of beta-adrenoceptor blockade. Part II. Wilkins MR, et al. **Arq Bras Cardiol** 1984 Oct;43(4):263-8 (62 ref.)

PHYSIOLOGY

Regulation of alpha- and beta-adrenergic receptor subclasses by gonadal steroids in human myometrium. Bottari SP, et al. **Acta Physiol Hung** 1985;65(3):335–46

Betamimetic effects on the electro-mechanical characteristics of the pregnant and postpartum myometrium in vitro. Török I, et al. **Acta Physiol Hung** 1985;65(3):355–60

Participation of the beta-adrenergic receptor in the enteroruminal reflex and enteroenteric reflex. Wegrzyn T, et al. **Acta Physiol Pol** 1984 May-Jun;35(3):193–8

Functional beta 1- and beta 2-adrenoceptors in the human myocardium. Ask JA, et al. **Acta Physiol Scand** 1985 Jan; 123(1):81–8

Properties required of a functional Ni, the GTP regulatory complex that mediates the inhibitory actions of neurotransmitters on adenylate cyclase. Cooper DM, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:75–86

Dual regulation of adenylate cyclase activity and hormone release in the intermediate lobe of the rat pituitary gland: evidence for the involvement of membrane components of the stimulatory beta 2-adrenergic system and of the inhibitory D-2 dopaminergic system. Cote TE, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:151–67

Reconstitution of the regulatory functions of beta-adrenergic receptors. Ross EM, et al. **Adv Exp Med Biol** 1984; 175:47–62 (34 ref.)

Beta blockers and exercise: physiologic and biochemical definitions and new concepts. Harrison DC. **Am J Cardiol** 1985 Apr 26;55(10):29D–33D

Circulatory response to beta-adrenergic blockade at rest and during exercise. Shepherd JT. **Am J Cardiol** 1985 Apr 26; 55(10):87D–94D (62 ref.)

Influence of renal perfusion pressure on alpha- and beta-adrenergic stimulation of renin release. Blair ML, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E317–26

Decreased membrane fluidity and beta-adrenergic responsiveness in atherosclerotic quail. Lurie KG, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):H380–5

Beta-adrenergic modulation of direct defibrillation energy in anesthetized dog heart. Ruffy R, et al. **Am J Physiol** 1985 May;248(5 Pt 2):H674–7

Effect of GRP on beta-adrenergic-stimulated gastrin and somatostatin release in the isolated rat stomach. Short GM, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G197–202

Adenosine-induced bronchoconstriction in asthma. Role of parasympathetic stimulation and adrenergic inhibition. Mann JS, et al. **Am Rev Respir Dis** 1985 Jul;132(1):1–6

Thymic regulation of brain cortex beta-adrenoceptors during development and aging. Piantanelli L, et al. **Arch Gerontol Geriatr** 1985 Jul;4(2):179–85

The influence of the sympathetic nervous system on the development of beta-adrenergic receptors in the rat submandibular salivary gland. Cutler LS, et al. **Arch Oral Biol** 1985;30(4):341–4

Beta 1-adrenergic regulation of large coronary arteries in conscious dogs. Vatner SF, et al. **Bibl Cardiol** 1984; (38):169–77

Desensitization of beta-adrenergic receptor-coupled adenylate cyclase activity. Differences following exposure of cells to two full agonists. Pittman RN, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3579–84

Increase in serotonin2 receptor density in rat cerebral cortex slices by stimulation of beta-adrenergic receptors. Scott JA, et al. **Biochem Pharmacol** 1985 May 1;34(9):1585–8

Beta-adrenergic coupled phospholipid methylation. A possible role in withdrawal from chronic ethanol. Zawad JS, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3799–805

Receptor-specific threshold effects of cyclic AMP are involved in the regulation of enzyme release and superoxide production from human neutrophils. Lad PM, et al. **Biochim Biophys Acta** 1985 Aug 30;846(2):286–95

Atypical characteristics of the beta-adrenoceptor mediating cyclic AMP generation and lipolysis in the rat adipocyte. Bojanic D, et al. **Br J Pharmacol** 1985 Jan;84(1):131–7

beta-Adrenoceptor blockade spares chemoreceptor responsiveness to hypoxia. Gonsalves SF, et al. **Brain Res** 1984 Dec 24;324(2):349–53

beta-Adrenoceptor stimulation-induced increase in the number of alpha 2-adrenoceptors of cerebral cortical membranes in rats. Kitamura Y, et al. **Brain Res** 1985 Mar 11;329(1–2):259–64

Hypothalamic alpha 2- and beta-adrenoceptor rhythms are correlated with circadian feeding: evidence from chronic methamphetamine treatment and withdrawal. Kräuchi K, et al. **Brain Res** 1984 Oct 29;321(1):83–90

Reserpine and the role of axonal transport in the independent regulation of pre- and postsynaptic beta-adrenoreceptors. Levin BE, et al. **Brain Res** 1984 Oct 8;311(1):39–50

Analysis of adrenergic responses in the mesenteric vascular bed of the cat; evidence that vascular beta 2-adrenoceptors are innervated. Armstead WM, et al. **Can J Physiol Pharmacol** 1984 Dec;62(12):1470–8

Activation of beta-adrenergic receptors stimulates taurine release from glial cells. Shain WG, et al. **Cell Mol Neurobiol** 1984 Jun;4(2):191–6

Mechanisms of beta-adrenergic receptor regulation in cultured chick heart cells. Role of cytoskeleton function and protein synthesis. Marsh JD, et al. **Circ Res** 1985 Jul; 57(1):171–81

Stimulation of hypertrophy of cultured neonatal rat heart cells through an alpha 1-adrenergic receptor and induction of beating through an alpha 1- and beta 1-adrenergic receptor interaction. Evidence for independent regulation of growth and beating. Simpson P. **Circ Res** 1985 Jun; 56(6):884–94

Elevation of brachial arterial blood velocity and volumic flow mediated by peripheral beta-adrenoreceptors in patients with borderline hypertension. Levenson J, et al. **Circulation** 1985 Apr;71(4):663–8

Contribution of beta-adrenergic receptor mediated renin release to the maintenance of blood pressure during nitroprusside infusion in conscious rats. Bush EN, et al. **Clin Exp Hypertens [A]** 1984;6(12):2161–72

Receptor mechanisms in fish chromatophores--VIII. Mediated by beta adrenoceptors, catecholamines always act to disperse pigment in siluroid melanophores. Fujii R, et al. **Comp Biochem Physiol [C]** 1985;81(1):1–6

Effects of NaCl on vascular responsiveness in male rats. Katovich MJ, et al. **Comp Biochem Physiol [C]** 1984; 78(2):369–72

Subtypes of beta adrenergic receptors mediating pigment dispersion in chromatophores of the medaka, Oryzias latipes. Morishita F, et al. **Comp Biochem Physiol [C]** 1985; 81(2):279–85

Adrenergic responsiveness in experimental uremia. Mann JF, et al. **Contrib Nephrol** 1984;41:108–12

Pharmacological characteristics of beta-adrenergic-sensitive adenylate cyclase in non pigmented and in pigmented cells of bovine ciliary process. Elena PP, et al. **Curr Eye Res** 1984 Dec;3(12):1383–9

Influences of age on the positive inotropic effect mediated by alpha- and beta-adrenoceptors in rat ventricular strips. Amerini S, et al. **Dev Pharmacol Ther** 1985;8(1):34–42

Lack of beta-adrenergic role for catecholamines in the development of hyperglycemia and ketonaemia following acute insulin withdrawal in type I diabetic patients. Beylot M, et al. **Diabete Metab** 1985 Apr;11(2):111–7

Beta-adrenergic regulation of prostaglandin E2 receptors in human and rat adipocytes. Richelsen B, et al. **Endocrinology** 1985 Mar;116(3):1182–8

Atypical synergistic alpha 1- and beta-adrenergic regulation of adenosine 3',5'-monophosphate and guanosine 3',5'-monophosphate in rat pinealocytes. Vanecek J, et al. **Endocrinology** 1985 Jun;116(6):2167–73

Beta 2-adrenoceptors mediate adrenaline's facilitation of neurogenic vasoconstriction. Borkowski KR, et al. **Eur J Pharmacol** 1984 Aug 17;103(3–4):339–42

Age-related changes of in vivo beta-adrenergic responsiveness in normotensive and spontaneously hypertensive rats. Bucher B, et al. **Eur J Pharmacol** 1984 Jun 15;102(1):31–7

Temperature dependence of beta 1-adrenoceptor-mediated responses examined by use of partial agonists. Chess-Williams RG, et al. **Eur J Pharmacol** 1985 Jan 15; 108(1):25–32

Pulmonary macrophages induce deterioration of guinea-pig tracheal beta-adrenergic function through release of oxygen radicals. Engels F, et al. **Eur J Pharmacol** 1985 Apr 23;111(1):143–4

Involvement of arachidonic acid metabolites in beta-adrenoceptor desensitization: functional and biochemical studies. Omini C, et al. **Eur J Pharmacol** 1984 Nov 27;106(3):601–6

Involvement of beta-adrenoreceptors in the shift of ocular dominance after monocular deprivation. Kasamatsu T, et al. **Exp Brain Res** 1985;59(3):507–14

Lipid requirements for reconstitution of the delipidated beta-adrenergic receptor and the regulatory protein. Kirilovsky J, et al. **FEBS Lett** 1985 Apr 8;183(1):75–80

Phorbol ester inhibits myoblast fusion and activates beta-adrenergic receptor coupled adenylate cyclase. Sulakhe PV, et al. **FEBS Lett** 1985 Jul 8;186(2):281–5

Central beta-adrenergic receptors mediate renal nerve activity during stress in conscious spontaneously hypertensive rats. Koepke JP, et al. **Hypertension** 1985 May-Jun;7(3 Pt 1):350–6

Spinal catecholaminergic control of human cardiovascular functions. Ahuja RC, et al. **Indian J Med Res** 1984 Dec; 80:680–9

The effect of age on beta-adrenergic function in man: a review. Ebstein RP, et al. **Isr J Med Sci** 1985 Mar; 21(3):302–11

Adrenergic receptors: possible mechanism of inverse regulation of alpha- and beta-receptors. Kunos G, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 2):346–51

Development of beta-adrenergic control of phospholipid secretion in rabbit lung. Corbet AJ, et al. **J Appl Physiol** 1985 Jun;58(6):2011–9

Renal norepinephrine overflow during graded renal nerve stimulation before and after beta-adrenoceptor blockade. Chen YH, et al. **J Auton Nerv Syst** 1984 Nov;11(3):285–95

Alpha- and beta-adrenergic stimulation of parenchymal cell Ca2+ influx. Influence of extracellular pH. Blackmore PF, et al. **J Biol Chem** 1984 Oct 25;259(20):12322–5

Effects of altered thyroid status on beta-adrenergic actions on skeletal muscle glycogen metabolism. Chu DT, et al. **J Biol Chem** 1985 Aug 25;260(18):9994–10000

Adrenergic regulation of glucose metabolism in rat heart. A calcium-dependent mechanism mediated by both alpha- and beta-adrenergic receptors. Clark MG, et al. **J Biol Chem** 1984 Dec 25;259(24):15204–11

Modulation of beta-adrenergic response in rat brain astrocytes by serum and hormones. Wu DK, et al. **J Cell Physiol** 1985 Jan;122(1):73–80

Evidence that the beta-adrenergic system and prostaglandins stimulate renin release through different mechanisms. Hsueh WA, et al. **J Clin Endocrinol Metab** 1985 Sep; 61(3):399–403

Intrarenal beta-receptor and renal baroreceptor interaction in the control of the renin response to transient reduction of the renal perfusion pressure in man. Guazzi MD, et al. **J Hypertens** 1985 Feb;3(1):39–45

The influence of sex, age, blood pressure and physical stress on beta 2-adrenoceptor density of mononuclear cells. Middeke M, et al. **J Hypertens** 1984 Jun;2(3):261–4

Sympathetic ablation alters lymphocyte membrane properties. Miles K, et al. **J Immunol** 1985 Aug;135(2 Suppl):797s–801s

N-substituted imidazolines and ethylenediamines and their action on alpha- and beta-adrenergic receptors. Hamada A, et al. **J Med Chem** 1985 Sep;28(9):1269–73

Beta-adrenergic function in heart muscle disease and heart failure. Bristow MR, et al. **J Mol Cell Cardiol** 1985 Jul; 17 Suppl 2:41–52 (83 ref.)

Inhibitory adenosine receptors in the heart: characterization by ligand binding studies and effects on beta-adrenergic receptor stimulated adenylate cyclase and membrane protein phosphorylation. Hosey MM, et al. **J Mol Cell Cardiol** 1984 Oct;16(10):931–42

Interaction between alpha- and beta-adrenoceptors in rat pineal adenosine cyclic 3',5'-monophosphate phosphodiesterase activation. Vacas MI, et al. **J Neural Transm** 1985;62(3–4):295–304

Adrenergic beta-receptor sensitivity in essential tremor. Teräväinen H, et al. **J Neurol Neurosurg Psychiatry** 1984 Nov;47(11):1216–8

Characterization of beta-adrenoceptors mediating relaxation of the guinea-pig ileum. Grassby PF, et al. **J Pharm Pharmacol** 1984 Sep;36(9):602–7

Physiological approach of beta receptor coupling to adenylate cyclase in rat airways: ontogenical modification and functional antagonism. Frossard N, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):168–75

Involvement of the vascular renin-angiotensin system in beta adrenergic receptor-mediated facilitation of vascular neurotransmission in spontaneously hypertensive rats. Kawasaki H, et al. **J Pharmacol Exp Ther** 1984 Oct; 231(1):23–32

Attenuation by atenolol of myocardial acidosis during ischemia in dogs: contribution of beta-1 adrenoceptors to myocardial acidosis. Sakai K, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):810–6

Involvement of epinephrine in the presynaptic beta adrenoceptor mechanism of norepinephrine release from rat hypothalamic slices. Ueda H, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):507–12

Beta-adrenergic receptor mechanisms in rat parotid glands: activation by nerve stimulation and 3-isobutyl-1-methylxanthine. Fuller CM, et al. **J Physiol (Lond)** 1984 Nov;356:335–48

beta 1-Adrenergic regulation of cyclic nucleotide levels and potassium fluxes in rat parotid gland. Miyamoto A, et al. **Jpn J Pharmacol** 1984 Sep;36(1):100–3

Beta 1-adrenoceptor-mediated amylase release and cyclic AMP accumulation in rat parotid gland tissue. Suzuki Y, et al. **Jpn J Pharmacol** 1985 Feb;37(2):212–4

Interaction of alpha and beta adrenergic stimulation on aortic ornithine decarboxylase activity. Majesky MW, et al. **Life Sci** 1985 Jan 14;36(2):153–9

Prostacyclin-independence in beta-adrenoceptor mediated renin release from dog renal cortical slices. Satoh H, et al. **Life Sci** 1984 Oct 1;35(14):1519–26

Glucose counterregulation during recovery from neuroglucopenia: which mechanism is important? Asplin CM, et al. **Metabolism** 1985 Jan;34(1):15–8

Alteration of the pattern of beta-adrenergic desensitization in cultured L6E9 muscle cells infected with Trypanosoma cruzi. Morris SA, et al. **Mol Biochem Parasitol** 1984 Oct; 13(2):227–34

Receptor-specific mechanisms of desensitization of beta-adrenergic receptor function. Hertel C, et al. **Mol Cell Endocrinol** 1984 Oct;37(3):245–56 (50 ref.)

Desensitization of beta-adrenergic receptor-mediated vascular smooth muscle relaxation. Tsujimoto G, et al. **Mol Pharmacol** 1985 Feb;27(2):210–7

Reduced sensitivity of lymphocyte beta-adrenergic receptors in patients with endogenous depression and psychomotor agitation. Mann JJ, et al. **N Engl J Med** 1985 Sep 19; 313(12):715–20

Renin release: beta 1- or beta 2-receptor mediated? [letter] Vanhees L, et al. **N Engl J Med** 1985 Jan 10;312(2):123–4

Effects of isoprenaline and glucagon on insulin secretion from pancreatic islets. Zielmann S, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 May; 329(3):299–304

Beta-adrenergic stimulation of adenosine-3',5'-monophosphate (c-AMP) accumulation and of prolactin and growth hormone secretion in rat anterior pituitary cell cultures. Swennen L, et al. **Neuroendocrinology** 1985 Jan;40(1):72–7

Beta-adrenergic stimulation of adenosine-3',5'-monophosphate (c-AMP) in primary cultures of rat anterior pituitary cell populations separated by unit gravity sedimentation. Relationship to growth hormone and prolactin release and to nonsecreting cells. Swennen L, et al. **Neuroendocrinology** 1985 Jan;40(1):78-83

alpha 1- and beta-adrenergic receptors are co-regulated during both noradrenergic denervation and hyperinnervation. Sutin J, et al. **Neuroscience** 1985 Apr; 14(4):973-80

Age-related changes in the adrenergic control of glycogenolysis in rat liver: the significance of changes in receptor density. Bendeck JL, et al. **Pediatr Res** 1985 Aug; 19(8):862-8

Blockade of peripheral beta-adrenergic receptors fails to suppress the cerebral spread of an engram in mice. Church AC, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):27-31

A possible role for beta-adrenergic receptors in the expression of audiogenic seizures. Lints CE, et al. **Pharmacol Biochem Behav** 1985 May;22(5):711-6

Time-dependent conversion of alpha 1- to beta-adrenoceptor-mediated glycogenolysis in isolated rat liver cells: role of membrane phospholipase A2. Kunos G, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6178-82

Alpha-adrenoceptors may act synergistically in the beta-adrenoceptor control of pineal gland N-acetyltransferase activity. Terry RL, et al. **Proc West Pharmacol Soc** 1984;27:47-50

Minute to minute neuroendocrine control of a major nonlysosomal pathway of myocardial protein degradation by beta-receptor occupancy. Lockwood TD. **Prog Clin Biol Res** 1985;180:619-22

Hypothesis: on the similar prostaglandin mediation in the anti-hypertensive action of alpha- and beta- adrenoceptor antagonists; confusion of present system of receptor classification? Tan S, et al. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):305-8

The beta-receptor: isoproterenol anxiety states. Rainey M Jr, et al. **Psychopathology** 1984;17 Suppl 3:40-51

The serotonin/norepinephrine-linked beta-adrenoceptor system and the mode of action of antidepressants. Sanders-Bush E, et al. **Psychopharmacol Bull** 1985; 21(3):373-8

Externalization of beta-adrenergic receptors promoted by myocardial ischemia. Maisel AS, et al. **Science** 1985 Oct 11;230(4722):183-6

Beta-adrenergic mechanism of insulin-induced adrenocorticotropin release from the anterior pituitary. Mezey E, et al. **Science** 1984 Nov 30;226(4678):1085-7

Effect of common carotid occlusion on beta-adrenergic receptor function in cerebral microvessels. Magnoni MS, et al. **Stroke** 1985 May-Jun;16(3):505-9

Sympathetic innervation of the urethral muscle in cattle. García-Sacristán A, et al. **Zentralbl Veterinarmed** [A] 1985 Mar;32(3):185-9

[The adipose cell: a convenient experimental model for analysing the functional interactions of 2 adrenergic receptors as effected by antagonists, the alpha 2- and beta receptor] Berlan M, et al. **Biochimie** 1984 Jul-Aug; 66(7-8):IX-XIV (45 ref.) **(Fre)**

[Role of adrenergic structures in regulating the release by the intestines of hemocoagulating compounds into the blood stream] Golyshenkov SP, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):265-6 (Eng. Abstr.) **(Rus)**

[Thermoregulatory effect of beta-adrenoreceptor block in the cold-adapted rat at rest and during exertion] Divert VE, et al. **Fiziol Zh SSSR** 1985 Jun;71(6):777-81 (Eng. Abstr.) **(Rus)**

[Changes in Na, K-ATPase activity following adrenoreceptor blockade] Manukhin BN, et al. **Fiziol Zh SSSR** 1985 Jun;71(6):731-6 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

The effect of X irradiation on cardiac beta-adrenergic receptors in the rabbit. Timmermans R, et al. **Radiat Res** 1984 Dec;100(3):510-8

RECEPTORS, ALPHA ADRENERGIC see **RECEPTORS, ADRENERGIC, ALPHA**

RECEPTORS, ANDROGEN see under **RECEPTORS, STEROID**

RECEPTORS, ANGIOTENSIN see under **RECEPTORS, ENDOGENOUS SUBSTANCES**

RECEPTORS, ANTIGEN

ANALYSIS

High frequency antigens of human erythrocyte membrane sialoglycoproteins. I. Ena receptors in the glycosylated domain of the MN sialoglycoprotein. Dahr W, et al. **Biol Chem Hoppe Seyler** 1985 Jan;366(1):41-51

Cryptic I antigen activity and Mycoplasma pneumoniae-receptor activity associated with sialoglycoprotein GP-2 of bovine erythrocyte membranes. Feizi T, et al. **Biosci Rep** 1984 Sep;4(9):743-9

Lymphocytes express a diverse array of specific receptors for sulfated polysaccharides. Parish CR, et al. **Cell Immunol** 1985 Mar;91(1):201-14

Hapten binding assay using guinea pig macrophages. Lefkovits H. **Exp Cell Biol** 1985;53(4):189-98

Lymphocyte and lymphoma receptors utilized in differentiation, in homing, and in lymphomagenesis. Weissman IL, et al. **Hamatol Bluttransfus** 1985;29:449-54

Leukocyte membrane receptors in meningitis and other bacterial infections. Naess A, et al. **Int Arch Allergy Appl Immunol** 1985;78(1):25-9

Applications of immunocolloids in light microscopy. III. Demonstration of antigenic and lectin-binding sites in semithin resin sections. Lucocq JM, et al. **J Histochem Cytochem** 1984 Oct;32(10):1075-83

Homing receptors as functional markers for classification, prognosis, and therapy of leukemias and lymphomas. Kamenov B, et al. **Proc Soc Exp Biol Med** 1984 Nov; 177(2):211-9 (24 ref.)

Attachment of E. coli-bearing K88 antigen to equine brush-border membranes. Tzipori S, et al. **Vet Microbiol** 1984 Oct;9(6):561-70

[Leukemic non-Hodgkin lymphoma cells bearing receptor for the ox blood erythrocytes] Oki H, et al. **Rinsho Byori** 1985 Jan;33(1):99-103 **(Jpn)**

GENETICS

Genes encoding the Ti beta subunit of the antigen/MHC receptor undergo rearrangement during intrathymic ontogeny prior to surface T3-Ti expression. Royer HD, et al. **Cell** 1984 Dec;39(2 Pt 1):261-6

IMMUNOLOGY

Antiidiotypic antibodies as probes for receptor structure and function. Farid NR, et al. **Endocr Rev** 1985 Winter; 6(1):1-23 (172 ref.)

Role of Pseudomonas aeruginosa mucoid exopolysaccharide in adherence to tracheal cells. Ramphal R, et al. **Infect Immun** 1985 Jan;47(1):1-4

METABOLISM

Identification of the major human sialoglycoprotein from red cells, glycophorin AM, as the receptor for Escherichia coli IH 11165 and characterization of the receptor site. Jokinen M, et al. **Eur J Biochem** 1985 Feb 15;147(1):47-52

Isolation of a cell-surface receptor for chick neural retina adherons. Schubert D, et al. **J Cell Biol** 1985 Jan; 100(1):56-63

PHYSIOLOGY

Myelofibrosis, autoimmune haemolytic anaemia and Tn-polyagglutinability. Bird GW, et al. **Haematologia (Budap)** 1985;18(2):99-103

RECEPTORS, ANTIGEN, B-CELL

ANALYSIS

Cell cycle-related expression of the receptor for a B cell differentiation factor. Brooks KH, et al. **J Immunol** 1985 Feb;134(2):742-7

Studies of streptococcal membrane antigen--binding cells in acute rheumatic fever. Williams RC Jr, et al. **J Lab Clin Med** 1985 May;105(5):531-6

BIOSYNTHESIS

Antigen-induced acceleration of shedding and replacement of B cell antigen receptors requires mature T cells. Ashman RF, et al. **J Immunol** 1985 Jul;135(1):100-5

B lymphocyte regulation of the immune system. II. Inhibition of Fc receptor expression of lymphocytes by BEF, a lymphokine of B cell origin. del Guercio P, et al. **J Immunol** 1985 Jun;134(6):3926-33

IMMUNOLOGY

B lymphocyte receptors and polyphosphoinositide degradation. Bijsterbosch MK, et al. **Cell** 1985 Jul; 41(3):999-1006

Tolerance and immunity in antigen-specific B-lymphocyte lines: early receptor binding of either antigen or tolerogen initiates an immune response. Aldo-Benson MA, et al. **Cell Immunol** 1985 Sep;94(2):312-25

The use of monoclonal anti-idiotypic antibodies for studying antigen-specific T and B cell receptors. Sommé G, et al. **Dev Biol Stand** 1984;57:385-91

Monoclonal antibodies specific for murine IgM. II. Activation of B lymphocytes by monoclonal antibodies specific for the four constant domains of IgM. Leptin M. **Eur J Immunol** 1985 Feb;15(2):131-7

Genetic control of B cell function. III. IgVH-controlled polymorphism in the frequencies of B cells that recognize xenogeneic red blood cells. Saizawa KM, et al. **Eur J Immunol** 1985 Feb;15(2):124-31

Inhibition of the anti-receptor antibody response of contact sensitivity by interferon. Freitag W, et al. **Immunology** 1985 Jun;55(2):281-7

Three classes of signalling molecules on B-cell membranes. Corley RB, et al. **J Cell Biochem** 1985;27(1):1-12

Anti-immunoglobulin augments the B-cell antigen-presentation function independently of internalization of receptor-antigen complex. Casten LA, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5890-4

METABOLISM

Role of N-acetyl-D-galactosamine residue on B151K12-derived T cell-replacing factor (B151-TRF) molecule in B cell-receptor binding and -stimulating activity. Takahama Y, et al. **J Immunol** 1985 Oct; 135(4):2534-40

PHYSIOLOGY

Growth regulation of a B-cell lymphoma via the antigen receptor. DeFranco AL. **Curr Top Microbiol Immunol** 1984;113:92-5

Antigen presentation by hapten-specific B lymphocytes. I. Role of surface immunoglobulin receptors. Rock KL, et al. **J Exp Med** 1984 Oct 1;160(4):1102-13

RECEPTORS, ANTIGEN, T-CELL

The T cell differentiation antigen Leu-2/T8 is homologous to immunoglobulin and T cell receptor variable regions. Sukhatme VP, et al. **Cell** 1985 Mar;40(3):591-7

T cell receptors and genes. **Immunol Rev** 1984 Oct;81:21-258

E receptor-related immunosuppressive factor in malignant pleural fluid and plasma: molecular mechanism of action on DNA-polymerase-alpha. Oh SK, et al. **J Immunol** 1985 Jul;135(1):355-61

The interaction of antigen and the histocompatibility molecule during T cell activation. Schwartz RH. **Prog Clin Biol Res** 1985;172B:333-41

The predicted structure of the Ia beta 1 domain. A hypothesis for the structural basis of major histocompatibility complex-restricted T-cell recognition of antigens. Norcross MA, et al. **Scand J Immunol** 1985 Jun; 21(6):511-23 (48 ref.)

The invariably present tryptophan loop as the core of all divergent antigen-binding pockets. Ohno S, et al. **Scand J Immunol** 1984 Nov;20(5):377-88

The T lymphocyte antigen receptor. A critical review of recent experimental literature. Hamilos D, et al. **Surv Synth Pathol Res** 1984;3(4):292-310 (35 ref.)

ANALYSIS

Cross-linking of human T cell receptor proteins: association between the T cell idiotype beta subunit and the T3 glycoprotein heavy subunit. Brenner MB, et al. **Cell** 1985 Jan;40(1):183-90

Surface expression and partial characterization of an arsonate hapten-specific idiotype-bearing T-cell receptor. DeLuca D, et al. **Cell Immunol** 1985 Feb;90(2):514-30

Receptors for immunoglobulin isotypes (FcR) on murine T cells. I. Multiple FcR expression on T lymphocytes and hybridoma T cell clones. Daëron M, et al. **Eur J Immunol** 1985 Jul;15(7):662-7

The murine T cell antigen receptor and associated structures. Allison JP, et al. **Immunol Rev** 1984 Oct;81:145-60

Biochemistry and distribution of the T cell receptor. Hannum C, et al. **Immunol Rev** 1984 Oct;81:161-76 (61 ref.)

Characterization of the antigen-specific T cell receptor from a pigeon cytochrome c-specific T cell hybrid. Samelson LE, et al. **Immunol Rev** 1984 Oct;81:131-44

Major histocompatibility complex-restricted antigen receptor on T cells. VIII. Role of the LFA-1 molecule. Golde WT, et al. **J Exp Med** 1985 Mar 1;161(3):635-40

The cell surface molecule recognized by the erythrocyte receptor of T lymphocytes. Identification and partial characterization using a monoclonal antibody. Hünig T. **J Exp Med** 1985 Sep 1;162(3):890-901

Proliferation of thymic stem cells with and without receptors for interleukin 2. Implications for intrathymic antigen recognition. Lugo JP, et al. **J Exp Med** 1985 May 1; 161(5):1048-62

Low and high affinity cellular receptors for interleukin 2. Implications for the level of Tac antigen. Robb RJ, et al. **J Exp Med** 1984 Oct 1;160(4):1126-46

Specificity of the T cell receptor: two different determinants are generated by the same peptide and the I-Ak molecule. Allen PM, et al. **J Immunol** 1985 Jul;135(1):368-73

Prethymic T cell precursors express receptors for antigen. Chervenak R, et al. **J Immunol** 1985 Feb;134(2):695-8

Cell receptors for the mammalian reovirus. IV. Reovirus-specific cytolytic T cell lines that have idiotypic receptors recognize anti-idiotypic B cell hybridomas. Sharpe AH, et al. **J Immunol** 1985 Apr;134(4):2702-6

The interaction of nominal antigen with T cell antigen receptors. I. Specific binding of multivalent nominal antigen to cytolytic T cell clones. Siliciano RF, et al. **J Immunol** 1985 Aug;135(2):906-14

Reconstitution of an active surface T3/T-cell antigen receptor by DNA transfer. Ohashi PS, et al. **Nature** 1985 Aug 15-21;316(6029):606-9

[Antigen recognition and T-cell receptors] Yata J. **Nippon Rinsho** 1985 Apr;43(4):779-84 (15 ref.) **(Jpn)**

BIOSYNTHESIS

Receptors for immunoglobulin isotypes (FcR) on murine T cells. II. Multiple FcR induction on hybridoma T cell clones. Daëron M, et al. **Eur J Immunol** 1985 Jul; 15(7):668-74

B lymphocyte regulation of the immune system. II. Inhibition of Fc receptor expression of lymphocytes by BEF, a lymphokine of B cell origin. del Guercio P, et al. **J Immunol** 1985 Jun;134(6):3926-33

Ontogeny of the T-cell antigen receptor within the thymus. Snodgrass HR, et al. **Nature** 1985 Feb 14-20;

313(6003):592–5

Synthesis and turnover of the putative T–lymphocyte antigen receptor. McKimm–Breschkin JL, et al. **Scand J Immunol** 1985 Jun;21(6):539–47

CLASSIFICATION

The lymphoproliferating cells of MRL–lpr/lpr mice are a polyclonal population that bear the T lymphocyte receptor for antigen. Nemazee DA, et al. **Eur J Immunol** 1985 Aug; 15(8):760–4

DRUG EFFECTS

Inhibition of the receptor for interleukin–2 induced by carbimazole: relevance for the therapy of autoimmune thyroid disease. Signore A, et al. **Clin Exp Immunol** 1985 Apr;60(1):111–6

GENETICS

Human T–cell receptor beta–chain genes. Rabbitts TH, et al. **Ann Inst Pasteur Immunol** 1985 Jan–Feb;136C(1):131–41

Origin of immune diversity: genetic variation and selection. Honjo T, et al. **Annu Rev Biochem** 1985;54:803–30 (156 ref.)

T–cell receptors generated via mutations are specific for various major histocompatibility antigens. Augustin AA, et al. **Cell** 1984 Nov;39(1):5–12

Rearranged beta T cell receptor genes in a helper T cell clone specific for lysozyme: no correlation between V beta and MHC restriction. Goverman J, et al. **Cell** 1985 Apr; 40(4):859–67

Structure, organization, and somatic rearrangement of T cell gamma genes. Hayday AC, et al. **Cell** 1985 Feb; 40(2):259–69

T cell antigen receptors and the immunoglobulin supergene family. Hood L, et al. **Cell** 1985 Feb;40(2):225–9

Chromosomal localization of the human T cell receptor beta–chain genes [letter] Le Beau MM, et al. **Cell** 1985 May;41(1):335

Biosynthesis and processing of murine T–cell antigen receptor. McIntyre BW, et al. **Cell** 1984 Oct;38(3):659–65

V beta gene polymorphism and a major polyclonal T cell receptor idiotype. Sim GK, et al. **Cell** 1985 Aug;42(1):89–92

Transcripts from an aberrantly re–arranged human T–cell receptor beta–chain gene. Collins MK, et al. **EMBO J** 1985 May;4(5):1211–5

A human T–cell antigen receptor beta chain gene maps to chromosome 7. Collins MK, et al. **EMBO J** 1984 Oct; 3(10):2347–9

The chromosomal ldcation of T–cell receptor genes and a T cell rearranging gene: possible correlation with specific translocations in human T cell leukaemia. Rabbitts TH, et al. **EMBO J** 1985 Jun;4(6):1461–5

A highly homologous T–cell receptor beta–chain variable region is expressed in mouse and human T cells. Rinaldy A, et al. **Immunogenetics** 1985;21(4):403–6

The molecular biology of the T cell antigen receptor. Owen MJ, et al. **Immunol Lett** 1985;9(4):175–83

Genes encoding the human T cell antigen receptor. Mak TW, et al. **Immunol Rev** 1984 Oct;81:221–33 (36 ref.)

Molecular analysis of T cell receptor (Ti) variable region (V) gene expression. Evidence that a single Ti beta V gene family can be used in formation of V domains on phenotypically and functionally diverse T cell populations. Acuto O, et al. **J Exp Med** 1985 Jun 1;161(6):1326–43

Regional location of T cell receptor gene Ti alpha on human chromosome 14. Barker PE, et al. **J Exp Med** 1985 Jul 1;162(1):387–92

Antigen–specific, I–A–restricted suppressor hybridomas with spontaneous cytolytic activity. Functional properties and lack of rearrangement of the T cell receptor beta chain genes. Blanckmeister CA, et al. **J Exp Med** 1985 Sep 1; 162(3):851–63

T cell receptor alpha chain genes are located on chromosome 14 at 14q11–14q12 in humans. Caccia N, et al. **J Exp Med** 1985 May 1;161(5):1255–60

Genetic markers of the antigen–specific T cell receptor locus. Epstein R, et al. **J Exp Med** 1985 May 1;161(5):1219–24

Restriction fragment length polymorphism of the gene encoding the alpha chain of the human T cell receptor. Hoover ML, et al. **J Exp Med** 1985 Sep 1;162(3):1087–92

Lymphoid tumors displaying rearrangements of both immunoglobulin and T cell receptor genes. Pelicci PG, et al. **J Exp Med** 1985 Sep 1;162(3):1015–24

Lack of gene rearrangement and mRNA expression of the beta chain of the T cell receptor in spontaneous rat large granular lymphocyte leukemia lines. Reynolds CW, et al. **J Exp Med** 1985 May 1;161(5):1249–54

T cell receptors for responses to Mls determinants and allo–H–2 determinants appear to be encoded on different chromosomes. Webb SR, et al. **J Exp Med** 1985 Jan 1; 161(1):269–74

The major histocompatibility complex–restricted antigen receptor on T cells: the genetics of expression of an allotype. Roehm NW, et al. **J Immunol** 1985 Sep; 135(3):2176–82

Comparison of the H–2Kb–specific cytolytic T lymphocyte receptor repertoire in Igh recombinant strains. Sherman LA, et al. **J Immunol** 1985 Jun;134(6):3569–73

The cytolytic T lymphocyte receptor repertoire of H–2 disparate cells obtained from double parent chimeras. Sherman LA. **J Immunol** 1985 Mar;134(3):1330–2

Genes encoding the T–cell antigen receptor. Mak TW, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):107s–109s

T–cell–receptor beta–chain gene rearrangements [letter] Knowles DM, et al. **Lancet** 1985 Jul 20;2(8447):159–60

Rearrangement of the T–cell–receptor beta–chain gene in the diagnosis of lymphoproliferative disorders. O'Connor NT, et al. **Lancet** 1985 Jun 8;1(8441):1295–7

Rearrangement of the gene for the beta chain of the T–cell receptor in T–cell chronic lymphocytic leukemia and related disorders. Aisenberg AC, et al. **N Engl J Med** 1985 Aug 29;313(9):529–33

T–cell receptor gene rearrangements as clinical markers of human T–cell lymphomas. Bertness V, et al. **N Engl J Med** 1985 Aug 29;313(9):534–8

T–cell receptors [editorial] Desforges JF. **N Engl J Med** 1985 Aug 29;313(9):576–7

Rearrangements of genes for the antigen receptor on T cells as markers of lineage and clonality in human lymphoid neoplasms. Waldmann TA, et al. **N Engl J Med** 1985 Sep 26;313(13):776–83

Clonal rearrangements of T–cell receptor genes in mycosis fungoides and dermatopathic lymphadenopathy. Weiss LM, et al. **N Engl J Med** 1985 Aug 29;313(9):539–44

Diversity and structure of genes of the alpha family of mouse T–cell antigen receptor. Arden B, et al. **Nature** 1985 Aug 29–Sep 4;316(6031):783–7

The murine T–cell receptor uses a limited repertoire of expressed V beta gene segments. Barth RK, et al. **Nature** 1985 Aug 8–14;316(6028):517–23

A third type of murine T–cell receptor gene. Chien Y, et al. **Nature** 1984 Nov 1–7;312(5989):31–5

Identification of a diversity segment of human T–cell receptor beta–chain, and comparison with the analogous murine element. Clark SP, et al. **Nature** 1984 Sep 27–Oct 3;311(5984):387–9

The human T–cell receptor alpha–chain gene maps to chromosome 14. Collins MK, et al. **Nature** 1985 Mar 21–27; 314(6008):273–4

The gene encoding the T–cell receptor alpha–chain maps close to the Np–2 locus on mouse chromosome 14. Dembić Z, et al. **Nature** 1985 Mar 21–27;314(6008):271–3

Homology of Ti alpha–subunit of a T–cell antigen–MHC receptor with immunoglobulin. Fabbi M, et al. **Nature** 1984 Nov 15–21;312(5991):269–71

T–cell receptor genes and ataxia telangiectasia [letter] Fiorilli M, et al. **Nature** 1985 Jan 17–23;313(5999):186

Immunoglobulin–like nature of the alpha–chain of a human T–cell antigen/MHC receptor. Hannum CH, et al. **Nature** 1984 Nov 1–7;312(5989):65–7

Unusual organization and diversity of T–cell receptor alpha–chain genes. Hayday AC, et al. **Nature** 1985 Aug 29–Sep 4;316(6031):828–32

Limited diversity of the rearranged T–cell gamma gene. Kranz DM, et al. **Nature** 1985 Feb 28–Mar 6; 313(6005):752–5

Rearrangement and transcription of the beta–chain genes of the T–cell antigen receptor in different types of murine lymphocytes. Kronenberg M, et al. **Nature** 1985 Feb 21–27; 313(6004):647–53

Molecular cloning and expression of cDNAs for the human interleukin–2 receptor. Leonard WJ, et al. **Nature** 1984 Oct 18–24;311(5987):626–31

Molecular cloning of cDNA encoding human interleukin–2 receptor. Nikaido T, et al. **Nature** 1984 Oct 18–24; 311(5987):631–5

T–cell receptor companions [news] Owen MJ. **Nature** 1984 Nov 29–Dec 5;312(5993):406

Structure, expression and divergence of T–cell receptor beta–chain variable regions. Patten P, et al. **Nature** 1984 Nov 1–7;312(5989):40–6

Developmental regulation of T–cell receptor gene expression. Raulet DH, et al. **Nature** 1985 Mar 7–13;314(6006):103–7

Receptor gene rearrangement and ontogeny of T lymphocytes [news] Robertson M. **Nature** 1984 Sep 27–Oct 3;311(5984):305–6

The capture of the snark [news] Robertson M. **Nature** 1984 Nov 1–7;312(5989):16–7

Identical V beta T–cell receptor genes used in alloreactive cytotoxic and antigen plus I–A specific helper T cells. Rupp F, et al. **Nature** 1985 May 30–Jun 5;315(6018):425–7

A third rearranged and expressed gene in a clone of cytotoxic T lymphocytes. Saito H, et al. **Nature** 1984 Nov 1–7; 312(5989):36–40

Expression of genes of the T–cell antigen receptor complex in precursor thymocytes. Samelson LE, et al. **Nature** 1985 Jun 27–Jul 3;315(6022):765–8

Primary structure of human T–cell receptor alpha–chain. Sim GK, et al. **Nature** 1984 Dec 20–1985 Jan 2;312(5996):771–5

Complexity of human T–cell antigen receptor beta–chain constant– and variable–region genes. Sims JE, et al. **Nature** 1984 Dec 6–12;312(5994):541–5

The structure, rearrangement and expression of D beta gene segments of the murine T–cell antigen receptor. Siu G, et al. **Nature** 1984 Sep 27–Oct 3;311(5984):344–50

Expression of T–cell antigen receptor genes during fetal development in the thymus. Snodgrass HR, et al. **Nature** 1985 May 16–22;315(6016):232–3

Rearrangements of T–cell receptor gene YT35 in human DNA from thymic leukaemia T–cell lines and functional T–cell clones. Toyonaga B, et al. **Nature** 1984 Sep 27–Oct 3;311(5984):385–7

Thymocyte subpopulation enriched for progenitors with an unrearranged T–cell receptor beta–chain gene. Trowbridge IS, et al. **Nature** 1985 Jun 20–26;315(6021):666–9

Isolation and characterization of a cDNA clone encoding the murine homologue of the human 20K T3/T–cell receptor glycoprotein. van den Elsen P, et al. **Nature** 1985 Apr 11–17;314(6011):542–4

Isolation of cDNA clones encoding the 20K T3 glycoprotein of human T–cell receptor complex. van den Elsen P, et al. **Nature** 1984 Nov 29–Dec 5;312(5993):413–8

Genomic organization of the genes encoding mouse T–cell receptor alpha–chain. Winoto A, et al. **Nature** 1985 Aug 29–Sep 4;316(6031):832–6

Gene rearrangement in cells with natural killer activity and expression of the beta–chain of the T–cell antigen receptor. Yanagi Y, et al. **Nature** 1985 Apr 18–24;314(6012):631–3

Organization and sequences of the variable, joining and constant region genes of the human T–cell receptor alpha–chain. Yoshikai Y, et al. **Nature** 1985 Aug 29–Sep 4;316(6031):837–40

Sequence and expression of transcripts of the human T–cell receptor beta–chain genes. Yoshikai Y, et al. **Nature** 1984 Dec 6–12;312(5994):521–4

Identification of genes for the constant region of rabbit T–cell receptor beta chains. Angiolillo AL, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4498–502

Rearrangement of T–cell receptor beta–chain genes during T–cell development. Born W, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2925–9

Regulation of T–cell receptor gene expression in human T–cell development. Collins MK, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4503–7

T–cell receptor gene rearrangements as markers of lineage and clonality in T–cell neoplasms. Flug F, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3460–4

Rearrangement and transcription of a T–cell receptor beta–chain gene in different T–cell subsets. Hedrick SM, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):531–5

Somatic rearrangement of T–cell antigen receptor gene in human T–cell malignancies. Minden MD, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1224–7

Segregation of polymorphic T–cell receptor genes in human families. Robinson MA, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3804–8

Assignment of the gene coding for the T3–delta subunit of the T3–T–cell receptor complex to the long arm of human chromosome 11 and to mouse chromosome 9. van den Elsen P, et al. **Proc Natl Acad Sci USA** 1985 May; 82(9):2920–4

Analysis of cDNA clones specific for human T cells and the alpha and beta chains of the T–cell receptor heterodimer from a human T–cell line. Yanagi Y, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3430–4

Antigen–binding molecules of T cells: distinction from MHC–restricted molecules and segmental homology to immunoglobulin VH and T–cell receptor genes. Marchalonis JJ. **Scand J Immunol** 1985 Feb;21(2):99–107 (52 ref.)

Chromosomal location of human T–cell receptor gene Ti beta. Barker PE, et al. **Science** 1984 Oct 19;226(4672):348–9

T–cell receptor beta–chain expression: dependence on relatively few variable region genes. Behlke MA, et al. **Science** 1985 Aug 9;229(4713):566–70

Active T–cell receptor genes have intron deoxyribonuclease hypersensitive sites. Bier E, et al. **Science** 1985 Aug 9; 229(4713):528–34 (54 ref.)

Gene for alpha–chain of human T–cell receptor: location on chromosome 14 region involved in T–cell neoplasms. Croce CM, et al. **Science** 1985 Mar 1;227(4690):1044–7

A novel mechanism of somatic rearrangement predicted by a human T–cell antigen receptor beta–chain complementary DNA. Duby AD, et al. **Science** 1985 Jun 7;228(4704):1204–6

Locus of the alpha–chain of the T–cell receptor is split by chromosome translocation in T–cell leukemias. Erikson J, et al. **Science** 1985 Aug 23;229(4715):784–6

Location of gene for beta subunit of human T–cell receptor at band 7q35, a region prone to rearrangements in T cells. Isobe M, et al. **Science** 1985 May 3;228(4699):580–2

Human T–cell receptor alpha–chain genes: location on chromosome 14. Jones C, et al. **Science** 1985 Apr 5; 228(4695):83–5

Partial primary structure of the alpha and beta chains of human tumor T–cell receptors. Jones N, et al. **Science** 1985 Jan 18;227(4684):311–4

A large deletion within the T–cell receptor beta–chain gene complex in New Zealand white mice. Kotzin BL, et al. **Science** 1985 Jul 12;229(4709):167–71

Chromosomal locations of the murine T–cell receptor alpha–chain gene and the T–cell gamma gene. Kranz DM, et al. **Science** 1985 Feb 22;227(4689):941–5

The interleukin–2 receptor gene is cloned [news] Marx JL. **Science** 1984 Nov 30;226(4678):1064–5

More on the T–cell receptor [news] Marx JL. **Science** 1984 Nov 30;226(4678):1065

The T–cell receptor––the genes and beyond [news] Marx JL. **Science** 1985 Feb 15;227(4688):733–5

Genes for beta chain of human T–cell antigen receptor map to regions of chromosomal rearrangement in T cells. Morton CC, et al. **Science** 1985 May 3;228(4699):582–5

Analysis of T–cell receptor gene rearrangement and expression in human natural killer clones. Ritz J, et al. **Science** 1985 Jun 28;228(4707):1540–3

IMMUNOLOGY

Virus-induced decrease in the activity of serum blocking factor(s): a mechanism of activation of the autoreactive T effectors in graft versus host reaction and of controlling T suppressors. Khozinsky VV, et al. **Acta Virol (Praha)** 1985 Jan;29(1):35–43

Molecular analysis of the human T-cell-antigen receptor. Acuto O, et al. **Biochem Soc Trans** 1985 Feb;13(1):6–10

A one and a half receptor model for MHC-restricted antigen recognition by T lymphocytes. Pernis B, et al. **Cell** 1985 May;41(1):13–6 (26 ref.)

The T cell receptor: the alpha and beta chains define idiotype, and antigen and MHC specificity. Yagüe J, et al. **Cell** 1985 Aug;42(1):81–7

T-cell surface antigens defined by monoclonal antibodies, involved in the induction of human interferon-gamma and interleukin 2. Bhayani H, et al. **Cell Immunol** 1985 Sep;94(2):536–46

T cells function via restricted recognition of antigen, not antigen-restricted recognition. Langman RE, et al. **Cell Immunol** 1985 Sep;94(2):598–608

Partial characterization of T cell components related to defined VH (VT) markers. Mackel-Vandersteenhoven A, et al. **Cell Immunol** 1984 Oct 1;88(1):147–61

Activation of an interleukin-1-responsive T-cell lymphoma by fixed P388D1 macrophages and an antibody against the Ag:MHC T-cell receptor. Zlotnik A, et al. **Cell Immunol** 1985 Sep;94(2):447–53

On the partial suppression of IL-2 receptor expression and the prevention of lectin-induced lymphoblast formation by cyclosporine A. Solbach W, et al. **Clin Exp Immunol** 1985 Jun;60(3):501–8

Immunohistochemical localization of cells reacting with monoclonal antibodies directed against the interleukin-2 receptor of murine, rat and human origin. Takacs L, et al. **Clin Exp Immunol** 1985 Jan;59(1):37–44

The use of monoclonal anti-idiotypic antibodies for studying antigen-specific T and B cell receptors. Sommé G, et al. **Dev Biol Stand** 1984;57:385–91

Phaseolus vulgaris phytohaemagglutinin (PHA) binds to the human T lymphocyte antigen receptor. Chilson OP, et al. **EMBO J** 1984 Dec 20;3(13):3239–45

The T3/T cell receptor complex: antigenic distinction between the two 20-kd T3 (T3-delta and T3-epsilon) subunits. Pessano S, et al. **EMBO J** 1985 Feb;4(2):337–44

Tumor promoter phorbol esters induce unresponsiveness to antigen and expression of interleukin 2 receptor on T cells. Ando I, et al. **Eur J Immunol** 1985 Feb;15(2):196–9

Growth of normal human T lymphocytes induced by monoclonal antibody to the T cell antigen receptor. Boylston AW, et al. **Eur J Immunol** 1985 Jul;15(7):738–42

Production and characterization of antibody probes directed at constant regions of the alpha and beta subunit of the human T cell receptor. Fabbi M, et al. **Eur J Immunol** 1985 Aug;15(8):821–7

Direct evaluation of antigen binding to human T lymphocyte clones: involvement of major histocompatibility complex products in antigen binding. Zanders ED, et al. **Eur J Immunol** 1984 Dec;14(12):1101–5

Antigenic properties of T cell antigen-specific receptors isolated from the surface of rabbit and mouse spleen and lymph node cells. Rejnek J, et al. **Folia Microbiol (Praha)** 1985;30(3):212–23

A murine T cell receptor gene complex: isolation, structure and rearrangement. Davis MM, et al. **Immunol Rev** 1984 Oct;81:235–58 (64 ref.)

The structure and function of T cell receptor complexes. Kaye J, et al. **Immunol Rev** 1984 Oct;81:39–63

Clonotypic surface structure on human T lymphocytes: functional and biochemical analysis of the antigen receptor complex. Reinherz EL, et al. **Immunol Rev** 1984 Oct;81:95–129

I-J as an inducible T cell receptor for self. Tada T, et al. **Immunol Rev** 1985 Apr;83:105–24 (39 ref.)

Selection and characterization of monoclonal antibodies to the idiotype-like structure of an interleukin-2-producing human leukemia T-cell line. Moretta A, et al. **Int J Cancer** 1985 Aug 15;36(2):253–9

The human T-cell receptor. Acuto O, et al. **J Clin Immunol** 1985 May;5(3):141–57 (73 ref.)

Stimulation of a subset of normal resting T lymphocytes by a monoclonal antibody to a crossreactive determinant of the human T cell antigen receptor. Bigler RD, et al. **J Exp Med** 1985 Jun 1;161(6):1450–63

Involvement of T44 molecules in an antigen-independent pathway of T cell activation. Analysis of the correlations to the T cell antigen-receptor complex. Moretta A, et al. **J Exp Med** 1985 Sep 1,162(3):823–38

Activation of human thymocytes via the 50KD T11 sheep erythrocyte binding protein induces the expression of interleukin 2 receptors on both T3+ and T3- populations. Fox DA, et al. **J Immunol** 1985 Jan;134(1):330–5

Characteristics of a monoclonal antibody (WT-31) that recognizes a common epitope on the human T cell receptor for antigen. Spits H, et al. **J Immunol** 1985 Sep;135(3):1922–8

Characterization of a murine monoclonal antibody specific for an allotypic determinant on T cell antigen receptor. Staerz UD, et al. **J Immunol** 1985 Jun;134(6):3994–4000

Selection of pre-T cells in the thymus by unique combinations of major and minor histocompatibility antigens. Blanden RV, et al. **Mol Immunol** 1985 Jul;22(7):827–30

Hypothesis: the MHC-restricted T-cell receptor as a structure with two multistate allosteric combining sites. Cleveland WL, et al. **Mol Immunol** 1984 Nov;21(11):1037–46

The human T-cell receptor. Structure and function. Acuto O, et al. **N Engl J Med** 1985 Apr 25;312(17):1100–11 (77 ref.)

Identification of antigen receptor-associated structures on murine T cells. Allison JP, et al. **Nature** 1985 Mar 7–13;314(6006):107–9

T3-Ti receptor triggering of T8+ suppressor T cells leads to unresponsiveness to interleukin-2. Bensussan A, et al. **Nature** 1984 Oct 11–17;311(5986):565–7

Specific targeting of cytotoxic T cells by anti-T3 linked to anti-target cell antibody. Perez P, et al. **Nature** 1985 Jul 25–31;316(6026):354–6

Sequence and evolution of the human T-cell antigen receptor beta-chain genes. Tunnacliffe A, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5068–72

Calcium dependency of antigen-specific (T3-Ti) and alternative (T11) pathways of human T-cell activation. Weiss MJ, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6836–40

Segmental homology between T-cell receptors and immunoglobulin variable regions: evidence that antisera to synthetic JH1 peptide react with murine and human T-cell products. Mackel-Vandersteenhoven A, et al. **Proc Soc Exp Biol Med** 1985 Mar;178(3):476–85

Molecular aspects of human T lymphocyte antigen recognition. Royer HD, et al. **Transplantation** 1985 Jun;39(6):571–82 (78 ref.)

[The T cell receptor (editorial)] Ben-Yehuda O, et al. **Harefuah** 1985 Jan 1;108(1):46–8 **(Heb)**

ISOLATION & PURIFICATION

Identification of Igh-C-linked determinants on suppressor T cell hybrids and factors specific for L-glutamic acid60-L-alanine30-L-tyrosine10 (GAT). Sorensen CM, et al. **J Exp Med** 1985 Sep 1;162(3):1044–59

The alpha- and beta-subunits of a murine T cell antigen/Ia receptor have a molecular weight of 31,000 in the absence of N-linked glycosylation. Kaye J, et al. **J Immunol** 1984 Nov;133(5):2291–3

An analysis of the structure of the antigen receptor on a pigeon cytochrome c-specific T cell hybrid. Samelson LE. **J Immunol** 1985 Apr;134(4):2529–35

Antigen-binding molecules of T-cells charge heterogeneity and structural lability. Cone RE, et al. **Mol Immunol** 1985 Apr;22(4):399–406

The delta- and epsilon-chains of the human T3/T-cell receptor complex are distinct polypeptides. Borst J, et al. **Nature** 1984 Nov 29–Dec 5;312(5993):455–8

METABOLISM

Modulation of T-cell antigen receptor on lymphocyte membrane. Haars R, et al. **Immunogenetics** 1984;20(4):397–405

A 20-kDa protein associated with the murine T-cell antigen receptor is phosphorylated in response to activation by antigen or concanavalin A. Samelson LE, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):1969–73

PHYSIOLOGY

Stimulation of the T3-T cell receptor complex induces a membrane-potential-sensitive calcium influx. Oettgen HC, et al. **Cell** 1985 Mar;40(3):583–90

Transmembrane signalling by the T cell antigen receptor. Perturbation of the T3-antigen receptor complex generates inositol phosphates and releases calcium ions from intracellular stores. Imboden JB, et al. **J Exp Med** 1985 Mar 1;161(3):446–56

Human T cell clones express functional homing receptors required for normal lymphocyte trafficking. Navarro RF, et al. **J Exp Med** 1985 Sep 1;162(3):1075–80

Requirement for the coexpression of T3 and the T cell antigen receptor on a malignant human T cell line. Weiss A, et al. **J Exp Med** 1984 Nov 1;160(5):1284–99

Distinction between antigen receptor and IL 2 receptor triggering events in the activation of alloreactive T cell clones with calcium ionophore and phorbol ester. Albert F, et al. **J Immunol** 1985 Jun;134(6):3649–55

The antigen receptor on a human T cell line initiates activation by increasing cytoplasmic free calcium. Imboden JB, et al. **J Immunol** 1985 Feb;134(2):663–5

Regulation of human T lymphocyte surface antigen mobility by purinergic receptors. Kammer GM, et al. **J Immunol** 1984 Dec;133(6):3298–302

Functional properties of the 50 kd protein associated with the E-receptor on human T lymphocytes: suppression of IL 2 production by anti-p50 monoclonal antibodies. Tadmori W, et al. **J Immunol** 1985 Mar;134(3):1709–16

Homing receptor-bearing thymocytes, an immunocompetent cortical subpopulation. Fink PJ, et al. **Nature** 1985 Jan 17–23;313(5999):233–5

RECEPTORS, BENZODIAZEPINE see **RECEPTORS, GABA-BENZODIAZEPINE**

RECEPTORS, BENZODIAZEPINE-GABA see **RECEPTORS, GABA-BENZODIAZEPINE**

RECEPTORS, BETA ADRENERGIC see **RECEPTORS, ADRENERGIC, BETA**

RECEPTORS, BIOLOGICAL see **RECEPTORS, ENDOGENOUS SUBSTANCES**

RECEPTORS, CHOLINERGIC

Primary structure of delta subunit precursor of calf muscle acetylcholine receptor deduced from cDNA sequence. Kubo T, et al. **Eur J Biochem** 1985 May 15;149(1):5–13

Primary structure of beta subunit precursor of calf muscle acetylcholine receptor deduced from cDNA sequence. Tanabe T, et al. **Eur J Biochem** 1984 Oct 1;144(1):11–7

A further note on the molecular structure of the acetylcholine receptor protein. Smythies JR. **Med Hypotheses** 1984 Sep;15(1):93–4

Quaternary structure of the acetylcholine receptor. Brisson A, et al. **Nature** 1985 Jun 6–12;315(6019):474–7

Nicotinic receptor of acetylcholine: structure of an oligomeric integral membrane protein. Popot JL, et al. **Physiol Rev** 1984 Oct;64(4):1162–239 (478 ref.)

ANALYSIS

Characteristics of receptors and enzymes in brains of human alcoholics. Tabakoff B, et al. **Alcohol** 1985 May–Jun;2(3):419–23

Cholinergic receptor binding in the frontal cortex of suicide victims. Stanley M. **Am J Psychiatry** 1984 Nov;141(11):1432–6

Measurements of the cytosolic Ah receptor among four strains of Drosophila melanogaster. Bigelow SW, et al. **Arch Toxicol** 1985 Feb;56(4):219–25

Structural localization of the sequence alpha 235–242 of the nicotinic acetylcholine receptor. Criado M, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):864–71

Arrangement of the subunits of the nicotinic acetylcholine receptor of Torpedo californica as determined by alpha-neurotoxin cross-linking. Hamilton SL, et al. **Biochemistry** 1985 Apr 23;24(9):2210–9

Muscarinic cholinergic receptors in the retina of the larval tiger salamander. Polans AS, et al. **Brain Res** 1985 Aug 12;340(2):355–62

Diphtheria toxin receptor sites on membranes of cultured cells and erythrocytes demonstrated by fluorescence and electron microscopy. Kushnaryov VM, et al. **Cytobios** 1984;41(161):7–22

A Raman spectroscopic investigation of the lipid state in acetylcholine receptor-rich membranes from Torpedo marmorata. Aslanian D, et al. **EMBO J** 1985 Apr;4(4):965–9

The 43-K protein, v1, associated with acetylcholine receptor containing membrane fragments is an actin-binding protein. Walker JH, et al. **EMBO J** 1984 Oct;3(10):2287–90

Actin filaments and acetylcholine receptor clusters in embryonic chick myotubes. Connolly JA, et al. **Eur J Cell Biol** 1985 May;37:191–5

Antibodies against preselected peptides to map functional sites on the acetylcholine receptor. Plümer R, et al. **FEBS Lett** 1984 Dec 10;178(2):204–8

beta-Adrenergic and cholinergic receptors in hypertension-induced hypertrophy. Vatner DE, et al. **Hypertension** 1985 May–Jun;7(3 Pt 2):155–60

Characterization of monoclonal antibodies against acetylcholine receptors from Narke japonica. Sugiyama H, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1217–21

Functional unit size of the neurotoxin receptors on the voltage-dependent sodium channel. Angelides KJ, et al. **J Biol Chem** 1985 Mar 25;260(6):3431–9

Identification of the alpha subunit half-cystine specifically labeled by an affinity reagent for the acetylcholine receptor binding site. Kao PN, et al. **J Biol Chem** 1984 Oct 10;259(19):11662–5

Acetylcholine receptor antibodies in the elderly and in Down's syndrome. Robb SA, et al. **J Neuroimmunol** 1985 Aug;9(3–4):139–46

Intracellular acetylcholine receptors in skeletal muscles of the adult rat. Pestronk A. **J Neurosci** 1985 May;5(5):1111–7

Botulinum neurotoxin and dendrotoxin as probes for studies on transmitter release. Dolly JO, et al. **J Physiol (Paris)** 1984;79(4):280–303

Denervation supersensitivity as a model for the neural control of muscle. Cangiano A. **Neuroscience** 1985 Apr;14(4):963–71 (66 ref.)

Evidence for unpredicted transmembrane domains in acetylcholine receptor subunits. Criado M, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2004–8

Topological mapping of acetylcholine receptor: evidence for a model with five transmembrane segments and a cytoplasmic COOH-terminal peptide. Young EF, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):626–30

[Acetylcholine receptors in chick embryo somites] Giacobini Robecchi MG, et al. **Bull Assoc Anat (Nancy)** 1984 Mar;68(200):41–4 (Eng. Abstr.) **(Fre)**

[Age changes in acetylcholine receptor distribution on human skeletal muscle] Oda K. **Rinsho Shinkeigaku** 1984 Jul;24(7):693–6 (Eng. Abstr.) **(Jpn)**

BIOSYNTHESIS

Separate fractions of mRNA from Torpedo electric organ induce chloride channels and acetylcholine receptors in

Xenopus oocytes. Sumikawa K, et al. **EMBO J** 1984 Oct; 3(10):2291-4

Manganese ions inhibit acetylcholine receptor synthesis in cultured mouse soleus muscles. Lorkovic H, et al. **Neurosci Lett** 1984 Oct 26;51(3):331-5

DRUG EFFECTS

The effect of antidepressants on circadian rhythms in brain neurotransmitter receptors. Kafka MS. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:162-9

Effects of atropine, pilocarpine and morphine on footshock-induced aggressive behaviour in rats after lesion of hippocampal pyramidal cells with kainic acid. Milart P, et al. **Ann Univ Mariae Curie Sklodowska [Med]** 1982; 37:35-43

A second, slower inactivation process in acetylcholine receptor-rich membrane vesicles prepared from Electrophorus electricus. Aoshima H. **Arch Biochem Biophys** 1984 Dec;235(2):312-8

Rapid purification of a phospholipase-free alpha-bungarotoxin: maintenance of cation barriers of acetylcholine receptor membranes upon preincubation with purified toxin. Ferragut JA, et al. **Arch Biochem Biophys** 1984 Dec;235(2):628-35

Effects of phencyclidine and analog drugs on acetylcholine receptor of cultured muscle cells. Amir A, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):949-54

Comparative effects of aprophen, atropine and benactyzine on central and peripheral cholinoceptors and on acetylcholinesterase. Dawson RM, et al. **Biochem Pharmacol** 1985 May 1;34(9):1577-9

Studies on the role of brain cholinergic systems in the therapeutic mechanisms and adverse effects of ECT and lithium. Lerer B. **Biol Psychiatry** 1985 Jan;20(1):20-40

Effects of locally and systemically administered cholinoceptor antagonists on the secretory response of human eccrine sweat glands to carbachol. Longmore J, et al. **Br J Clin Pharmacol** 1985 Jul;20(1):1-7

Histamine is an antagonist of the acetylcholine receptor at the frog endplate. Ariyoshi M, et al. **Br J Pharmacol** 1985 May;85(1):65-73

Pressure reversal of the action of octanol on postsynaptic membranes from Torpedo. Braswell LM, et al. **Br J Pharmacol** 1984 Sep;83(1):305-11

Blockade of cholinergic receptors in the C1 area abolishes hypertensive response to opiates in the A1 area of the ventrolateral medulla. Punnen S, et al. **Brain Res** 1985 Jun 10;336(1):180-6

Gallamine binding to heart M2 cholinergic receptors does not antagonize cholinergic inhibition of adenylate cyclase in isolated plasma membrane. Jagadeesh G, et al. **Eur J Pharmacol** 1985 Feb 26;109(2):311-3

The narcotic antagonist naltrexone has a biphasic effect on the nicotinic acetylcholine receptor. Madsen BW, et al. **FEBS Lett** 1985 Mar 11;182(1):20-4

Effect of methyldopa on brain cholinergic neurons involved in cardiovascular regulation. A study in conscious spontaneously hypertensive rats. Buccafusco JJ. **Hypertension** 1984 Sep-Oct;6(5):614-21

Heightened cholinergic responsiveness in IgE-producing rabbits. Halonen M, et al. **Int J Immunopharmacol** 1984; 6(4):351-6

Failure of cholinergic blockade to prevent bronchodilatation following deep inspiration. Day A, et al. **J Appl Physiol** 1985 May;58(5):1449-52

Cholinergic receptors in the Aplysia gill. Weiss S, et al. **J Neurobiol** 1984 Sep;15(5):325-32

In vivo regulation of [3H]acetylcholine recognition sites in brain by nicotinic cholinergic drugs. Schwartz RD, et al. **J Neurochem** 1985 Aug;45(2):427-33

Concentration-dependent effects of neostigmine on the endplate acetylcholine receptor channel complex. Fiekers JF. **J Neurosci** 1985 Feb;5(2):502-14

Interactions of edrophonium, physostigmine and methanesulfonyl fluoride with the snake end-plate acetylcholine receptor-channel complex. Fiekers JF. **J Pharmacol Exp Ther** 1985 Sep;234(3):539-49

Selective inhibition of cholinergic receptor-mediated 45Ca + + uptake and catecholamine secretion from adrenal chromaffin cells by taxol and vinblastine. McKay DB, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):102-8

Dual effects of dynorphin-(1-13) on cholinergic and substance P-ergic transmissions in the rabbit iris sphincter muscle. Ueda N, et al. **J Pharmacol Exp Ther** 1985 Feb; 232(2):545-50

Selective blocking action of tetraethylammonium ion on three types of acetylcholine receptors in Aplysia ganglion cells. Sasaki K. **Jpn J Physiol** 1985;35(1):109-22

Rapid induction of supersensitivity to muscarinic antagonists-induced motor excitation by continuous stimulation of cholinergic receptors. Fernando JC, et al. **Life Sci** 1985 Sep 2;37(9):883-92

Morphine abstinence syndrome: cholinergic mechanisms in the ventral periaqueductal gray of the dog. Sharpe LG, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar; 49:143-9

Interaction of the neuromuscular blocking drugs alcuronium, decamethonium, gallamine, pancuronium, ritebronium, tercuronium and d-tubocurarine with muscarinic acetylcholine receptors in the heart and ileum. Nedoma J, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Apr; 329(2):176-81

Pharmacological and anatomical aspects of cholinergic activation of female sexual behavior. Dohanich GP, et al. **Physiol Behav** 1984 Jun;32(6):1021-6

Cholinergic REM sleep induction response correlation with endogenous major depressive subtype. Jones D, et al. **Psychiatry Res** 1985 Feb;14(2):99-110

Cholinergic learning deficits in the marmoset produced by scopolamine and ICV hemicholinium. Ridley RM, et al. **Psychopharmacology (Berlin)** 1984;83(4):340-5

Activation of mammalian endplate receptors by iontophoretic application of reducing and oxidizing sulphydryl reagents. Bravo C, et al. **Rev Esp Fisiol** 1985 Jun;41(2):243-8

Studies on interactions between striatal dopaminergic and cholinergic mechanisms in the early abstinence after chronic treatment with barbital in the rat. Persson SA, et al. **Subst Alcohol Actions Misuse** 1984;5(3):149-57

Effects of DDT on muscarine- and nicotine-like binding sites in CNS of immature and adult mice. Eriksson P, et al. **Toxicol Lett** 1984 Sep;22(3):329-34

Postsynaptic blocking of glutamatergic and cholinergic synapses as a common property of Araneidae spider venoms. Usmanov PB, et al. **Toxicon** 1985;23(3):528-31

[Mechanism of action and classification of neurotransmitter antagonists] Minegishi A, et al. **Nippon Rinsho** 1984 Apr; 42(4):821-7 **(Jpn)**

[Role of cholinergic systems in the formation of a dissociated state in response to kleregil] Garibova TL, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):570-2 (Eng. Abstr.) **(Rus)**

[Pharmacological characteristics of the acetylcholine and L-glutamate receptors of the subpharyngeal ganglion neuron in the mollusk Zachrysia guanensis] Martinez-Soler R, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):312-5 (Eng. Abstr.) **(Rus)**

[Changes in cholino- and adrenoceptors as affected by blood proteolytic enzymes] Panchenko AL, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):469-71 (Eng. Abstr.) **(Rus)**

[Effect of tropane on the cholinoreceptors of the cerebral cortex] Zakusov VV, et al. **Biull Eksp Biol Med** 1984 Sep; 98(9):303-5 (Eng. Abstr.) **(Rus)**

[Effect of RNAse inhibitors and activators on acetylcholine interaction with the cholinoreceptor in a tissue extract] Turpaev TM, et al. **Dokl Akad Nauk SSSR** 1985; 281(2):500-2 **(Rus)**

[Effect of protein metabolism inhibitors on parasympathetic innervation and cholinergic factors in the frog heart] Zhirnova AV. **Fiziol Zh SSSR** 1984 Jun;70(6):829-32 (Eng. Abstr.) **(Rus)**

[Sensitivity of the motor endplate to carbachol in the presence of sulfhydryl reagents] Bravo C, et al. **Rev Esp Fisiol** 1985 Mar;41(1):5-10 (Eng. Abstr.) **(Spa)**

GENETICS

Molecular genetics of Torpedo marmorata acetylcholine receptor. Devillers-Thiery A, et al. **Adv Exp Med Biol** 1984;181:17-29

Cloning and sequence analysis of human genomic DNA encoding gamma subunit precursor of muscle acetylcholine receptor. Shibahara S, et al. **Eur J Biochem** 1985 Jan 2; 146(1):15-22

Isolation of a clone coding for the alpha-subunit of a mouse acetylcholine receptor. Boulter J, et al. **J Neurosci** 1985 Sep;5(9):2545-52

Muscle denervation increases the levels of two mRNAs coding for the acetylcholine receptor alpha-subunit. Goldman D, et al. **J Neurosci** 1985 Sep;5(9):2553-8

Concentration of acetylcholine receptor mRNA in synaptic regions of adult muscle fibres. Merlie JP, et al. **Nature** 1985 Sep 5-11;317(6032):66-8

Location of functional regions of acetylcholine receptor alpha-subunit by site-directed mutagenesis. Mishina M, et al. **Nature** 1985 Jan 31-Feb 6;313(6001):364-9

Molecular tinkerings that tailor the acetylcholine receptor. Stevens CF. **Nature** 1985 Jan 31-Feb 6;313(6001):350-1

Cloning, sequencing and expression of cDNA for a novel subunit of acetylcholine receptor from calf muscle. Takai T, et al. **Nature** 1985 Jun 27-Jul 3;315(6022):761-4

Use of a replica technique to isolate muscle cell lines defective in expressing the acetylcholine receptor. Black RA, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):124-8

Activity regulates the levels of acetylcholine receptor alpha-subunit mRNA in cultured chicken myotubes. Klarsfeld A, et al. **Proc Natl Acad Sci USA** 1985 Jul; 82(13):4558-62

Isolation and characterization of a cDNA clone for the complete protein coding region of the delta subunit of the mouse acetylcholine receptor. LaPolla RJ, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7970-4

[Molecular genetics of the acetylcholine receptor] Sumikawa K, et al. **Tanpakushitsu Kakusan Koso** 1984 Nov;29(12 Suppl):1306-16 (60 ref.) **(Jpn)**

IMMUNOLOGY

Anti-acetylcholine receptor antibodies in primary biliary cirrhosis. Sundewall AC, et al. **Acta Med Scand** 1985; 217(5):519-25

Effect of myasthenia serum and anti-acetylcholine receptor monoclonal antibody on the distributions of T-cell subsets in myasthenia patients and normal subjects. Chiu HC, et al. **Asian Pac J Allergy Immunol** 1985 Jun;3(1):30-6

Synthesis of an antigenic site of native acetylcholine receptor peptide 159-169 of Torpedo acetylcholine receptor alpha-chain. McCormick DJ, et al. **Biochem J** 1985 Feb 15;226(1):193-7

Use of monoclonal antibodies in exploring the structure of the acetylcholine receptor. Lindstrom J, et al. **Biochem Soc Trans** 1985 Feb;13(1):14-6

Immunoenzymometric assay and radioimmunoassay measure different populations of antibody against human acetylcholine receptor. Hinman CL, et al. **Clin Chem** 1985 Jun;31(6):835-40

Anti-acetylcholine receptor idiotypes in myasthenia gravis analysed by rabbit anti-sera. Lang B, et al. **Clin Exp Immunol** 1985 Jun;60(3):637-44

Acetylcholine receptor antibody characteristics in myasthenia gravis. III. Patients with low anti-AChR antibody levels. Vincent A, et al. **Clin Exp Immunol** 1985 Jun;60(3):631-6

Cell types required for anti-acetylcholine receptor antibody synthesis by cultured thymocytes and blood lymphocytes in myasthenia gravis. Willcox HN, et al. **Clin Exp Immunol** 1984 Oct;58(1):97-106

Acetylcholine receptor antibody-producing cells in thymus and lymph nodes in myasthenia gravis. Fujii Y, et al. **Clin Immunol Immunopathol** 1985 Jan;34(1):141-6

T-cell subsets regulating anti-acetylcholine-receptor-antibody formation in myasthenia gravis and characterization of suppressor T-cell factors involved. Shinomiya N, et al. **Clin Immunol Immunopathol** 1984 Nov;33(2):182-90

Monoclonal antibodies to Torpedo acetylcholine receptor. Characterisation of antigenic determinants within the cholinergic binding site. Whiting P, et al. **Eur J Biochem** 1985 Aug 1;150(3):533-9

Analysis and modulation of the immune response of mice to acetylcholine receptor by anti-idiotypes. Souroujon MC, et al. **Immunol Lett** 1985;9(6):331-6

Monoclonal anti-acetylcholine receptor antibodies with differing capacities to induce experimental autoimmune myasthenia gravis. Gomez CM, et al. **J Immunol** 1985 Jul; 135(1):234-41

Genetic restriction of autoreactive acetylcholine receptor-specific T lymphocytes in myasthenia gravis. Hohlfeld R, et al. **J Immunol** 1985 Oct;135(4):2393-9

Experimental autoimmune myasthenia gravis: can pretreatment with 125I-labeled receptor prevent functional damage at the neuromuscular junction? Sterz RK, et al. **J Immunol** 1985 Feb;134(2):841-6

Role of the main immunogenic region of acetylcholine receptor in myasthenia gravis. An Fab monoclonal antibody protects against antigenic modulation by human sera. Tzartos SJ, et al. **J Immunol** 1985 Apr;134(4):2343-9

A solid-phase enzyme immunoassay for anti-acetylcholine receptor antibody in myasthenia gravis patients. Kobayashi N, et al. **J Immunol Methods** 1984 Oct 26;73(2):267-72

Muscle acetylcholine receptor loss in murine experimental autoimmune myasthenia gravis: correlated with cellular, humoral and clinical responses. Christadoss P, et al. **J Neuroimmunol** 1985 Apr;8(1):29-41

A practical enzyme immunoassay for anti-acetylcholine receptor antibodies in myasthenia gravis. Furukawa S, et al. **J Neuroimmunol** 1984 Sep-Oct;6(6):397-409

The main immunogenic region of acetylcholine receptors does not provoke the formation of antibodies of a predominant idiotype. Killen JA, et al. **J Neuroimmunol** 1985 Aug;9(3-4):229-41

Anti-idiotypic antibodies, acetylcholine receptor antibodies and disturbed neuromuscular function in healthy relatives to patients with myasthenia gravis. Lefvert AK, et al. **J Neuroimmunol** 1985 Jul;9(1-2):41-53

Antigenic specificity of acetylcholine receptor in developing muscle. Studies with monoclonal antibodies. Souroujon MC, et al. **J Neuroimmunol** 1985 May;8(2-3):159-66

Anti-acetylcholine receptor antibodies in myasthenia gravis. Part 3. The effect of thymectomy. Oosterhuis HJ, et al. **J Neurol Sci** 1985 Jul;69(3):335-43

A postnatal change in the immunological properties of the acetylcholine receptor at rat muscle endplates. Hall ZW, et al. **J Neurosci** 1985 Mar;5(3):730-4

Antibodies directed against functional sites on the acetylcholine receptor from Torpedo marmorata. Maelicke A, et al. **J Recept Res** 1984;4(1-6):671-9

Anti-acetylcholine receptor antibody titer with extended thymectomy in myasthenia gravis. Kagotani K, et al. **J Thorac Cardiovasc Surg** 1985 Jul;90(1):7-12

Bone-marrow grafting induces acetylcholine receptor antibody formation [letter] Smith CI et al. **Lancet** 1985 Apr 27;1(8435):978

Shared antigens on acetylcholine receptor and bacterial proteins [letter] **N Engl J Med** 1985 Aug 8;313(6):389-90

Acetylcholine receptor antibody production by bone marrow cells in a patient with myasthenia gravis. Fujii Y, et al. **Neurology** 1985 Apr;35(4):577-9

A noncholinergic site-directed monoclonal antibody can impair agonist-induced ion flux in Torpedo californica acetylcholine receptor. Donnelly D, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7999-8003

Myasthenic serum selectively blocks acetylcholine receptors with long channel open times at developing rat endplates. Schuetze SM, et al. **Proc Natl Acad Sci USA** 1985 Apr; 82(8):2533-7

Acetylcholine receptor-specific suppressive T-cell factor from a retrovirally transformed T-cell line. Sinigaglia F, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7569-73

Immunisation with Torpedo acetylcholine receptor. Elfman L. **Prog Neurobiol** 1984;23(1-2):39-62 (281 ref.)

[Correlation of acetylcholine receptor antibodies and clinical severity of myasthenia gravis in combined immunosuppressive therapy] Schumm F, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(4):224-30 (Eng. Abstr.) **(Ger)**

[Comparison of the acetylcholine receptor antibody titer and clinical course in neonatal myasthenia] Lischka A, et al. **Klin Padiatr** 1984 Sep-Oct;196(5):321-3 (Eng. Abstr.) **(Ger)**

[Amount of circulating acetylcholine receptor antibodies in the course of myasthenia, following thymectomy and in immunosuppressive therapy] Patzold U, et al. **Nervenarzt** 1984 Aug;55(8):426-31 **(Ger)**

[Myasthenia gravis and neurotransmitters] Arimori S. **Nippon Rinsho** 1984 Apr;42(4):844-9 **(Jpn)**

[Myotonia atrophica:anti-acetylcholine receptor antibody and neuromuscular junction membrane disorder] Momoi M. **Nippon Rinsho** 1985 Apr;43(4):823-7 **(Jpn)**

ISOLATION & PURIFICATION

Purification of the putative alpha-latrotoxin receptor from bovine synaptosomal membranes in an active binding form. Scheer H, et al. **EMBO J** 1985 Feb;4(2):323-7

Isolation and characterization of acetylcholine receptor membrane-associated (nonreceptor v2-protein) and soluble electrocyte creatine kinases. Barrantes FJ, et al. **J Biol Chem** 1985 Mar 10;260(5):3024-34

Purification of the muscarinic acetylcholine receptor from porcine brain. Haga K, et al. **J Biol Chem** 1985 Jul 5; 260(13):7927-35

Identification of a 43-kDa polypeptide associated with acetylcholine receptor-enriched membranes as MM creatine kinase. Perryman MB, et al. **J Biol Chem** 1985 Aug 5;260(16):9399-404

Tubular crystals of acetylcholine receptor. Brisson A, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1202-11

Anomalous interaction of the acetylcholine receptor protein with the nonionic detergent Triton X-114. Maher PA, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):958-62

METABOLISM

Modulation of the release of noradrenaline and of noncholinergic, nonadrenergic inhibitory neurotransmitter through presynaptic N-cholinergic receptors by means of depolarizing agents in cat internal anal sphincter. Todorov L, et al. **Acta Physiol Pharmacol Bulg** 1984;10(2):42-52

Lack of cholinergic modulation of tyrosine hydroxylase activation by potassium. Masana MI. **Acta Physiol Pharmacol Latinoam** 1984;34(3):235-43

Autoradiographic changes of 3H-alpha-bungarotoxin binding in rat hind limb muscles after a cryoinjury of the sciatic nerve and in acrylamide intoxication. Askmark H, et al. **Acta Physiol Scand** 1985 May;124(1):117-20

In vitro autoradiographic studies of 3H-alpha-bungarotoxin and 3H-quinuclidinylbenzilate binding in rat hind limb muscles. Gillberg PG, et al. **Acta Physiol Scand** 1984 Apr; 120(4):617-20

Discrete regional distribution of biochemical markers for the dopamine, noradrenaline, serotonin, GABA and acetylcholine systems in the monkey brain (Cebus Apella). Effects of stress. Häggström JE, et al. **Acta Physiol Scand [Suppl]** 1984;534:1-27

Atracurium-receptor kinetics: simple behavior from a mixture. Amaki Y, et al. **Anesth Analg** 1985 Aug; 64(8):777-80

Multiple binding sites for local anesthetics on reconstituted acetylcholine receptor membranes. Earnest JP, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):862-8

The calcium-ryanodine receptor complex of skeletal and cardiac muscle. Pessah IN, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):449-56

Localization and synthesis of the acetylcholine-binding site in the alpha-chain of the Torpedo californica acetylcholine receptor. McCormick DJ, et al. **Biochem J** 1984 Dec 15; 224(3):995-1000

alpha-Bungarotoxin immobilized and oriented on a lipid bilayer vesicle surface. Babbitt B, et al. **Biochemistry** 1985 Jan 1;24(1):15-21

Effects of valency on thermodynamic parameters of specific membrane interactions. Babbitt BP, et al. **Biochemistry** 1985 Apr 23;24(9):2186-94

Desensitization of membrane-bound Torpedo acetylcholine receptor by amine noncompetitive antagonists and aliphatic alcohols: studies of [3H]acetylcholine binding and 22Na+ ion fluxes. Boyd ND, et al. **Biochemistry** 1984 Aug 28; 23(18):4023-33

Long-lived metastable states and hysteresis in the binding of acetylcholine to Torpedo california acetylcholine receptor. Chang HW, et al. **Biochemistry** 1984 Sep 25; 23(20):4546-56

Ligand-induced variations in the reactivity of thio groups of the alpha-subunit of the acetylcholine receptor from Torpedo californica. de Souza Otero A, et al. **Biochemistry** 1984 May 22;23(11):2321-8

Transmembrane topology of acetylcholine receptor subunits probed with photoreactive phospholipids. Giraudat J, et al. **Biochemistry** 1985 Jun 18;24(13):3121-7

Affinity-dependent cross-linking to neurotoxin sites of the acetylcholine receptor mediated by catechol oxidation. Nickoloff BJ, et al. **Biochemistry** 1985 Feb 12; 24(4):999-1007

Interaction of the 43K protein with components of Torpedo postsynaptic membranes. Porter S, et al. **Biochemistry** 1985 Jan 15;24(2):425-32

Regulatory properties of acetylcholine receptor: evidence for two different inhibitory sites, one for acetylcholine and the other for a noncompetitive inhibitor of receptor function (procaine). Shiono S, et al. **Biochemistry** 1984 Dec 18; 23(26):6889-93

Effects of heating on the ion-gating function and structural domains of the acetylcholine receptor. Soler G, et al. **Biochemistry** 1984 Sep 25;23(20):4630-6

Effects of thio-group modifications of Torpedo californica acetylcholine receptor on ion flux activation and inactivation kinetics. Walker JW, et al. **Biochemistry** 1984 May 22;23(11):2329-38

Ultrastructural visualization of Na+-channel associated [125I]alpha-scorpion toxin binding sites on fetal mouse nerve cells in culture. Boudier JA, et al. **Brain Res** 1985 May;352(1):137-42

Ultrastructural localization of voltage-sensitive sodium channels using [125I]alpha scorpion toxin. Cau P, et al. **Brain Res** 1985 May 13;334(1):9-17

Axonal transport of alpha-bungarotoxin binding sites in rat sciatic nerve. Millington WR, et al. **Brain Res** 1985 Aug 12;340(2):269-76

Inhibition of acetylcholine receptor synthesis by conditioned medium of electrically stimulated muscle cultures. Shainberg A, et al. **Brain Res** 1984 Aug 13;308(2):373-6

Tetanus toxin labeling as a novel rapid and highly specific tool in human neuroblastoma differential diagnosis. Berliner P, et al. **Cancer** 1985 Aug 1;56(3):419-23

Cholinoreceptors of the dentis retractor muscle of the sea urchin Strongylocentrotus intermedius. Kobzar GT, et al. **Comp Biochem Physiol** [C] 1985;80(2):385-93

Binding of N-[propionyl-3H]propionylated alpha-bungarotoxin and L-[benzilic-4,4'-3H] quinuclidinyl benzilate to CNS extracts of the cockroach Periplaneta americana. Lummis SC, et al. **Comp Biochem Physiol** [C] 1985;80(1):75-83

Adrenergic and cholinergic receptors in isolated non-pigmented ciliary epithelial cells. Polansky JR, et al. **Curr Eye Res** 1985 Apr;4(4):517-22

Increased endocytosis of acetylcholine receptors by dystrophic mouse myotubes in vitro. Cossu G, et al. **Dev Biol** 1985 Aug;110(2):362-8

Formation of acetylcholine receptor clusters at neuromuscular junction in Xenopus cultures. Kuromi H, et al. **Dev Biol** 1985 May;109(1):165-76

Covalent labeling of functional states of the acetylcholine receptor. Effects of antagonists on the receptor conformation. Fahr A, et al. **Eur J Biochem** 1985 Mar 15; 147(3):483-7

The pericellular boundary layer modulates acetylcholine receptor stability in cultured myotubes. Bischoff R. **Exp Cell Res** 1984 Oct;154(2):432-41

Microtubules, microfilaments and the transport of acetylcholine receptors in embryonic myotubes. Connolly JA. **Exp Cell Res** 1985 Aug;159(2):430-40

Acetylcholine receptors and acetylcholinesterase accumulate at the nerve-muscle contacts of de novo grown human monolayer muscle cocultured with fetal rat spinal cord. Kobayashi T, et al. **Exp Neurol** 1985 May;88(2):327-35

Cholinergic-muscarinic receptors do not mediate growth hormone release in response to baclofen, a gamma-aminobutyric acid agonist, in humans. Coiro V, et al. **Horm Metab Res** 1985 May;17(5):260-1

Role of glycosylation in expression of functional diphtheria toxin receptors. Hranitzky KW, et al. **Infect Immun** 1985 Aug;49(2):336-43

Modification of alpha-bungarotoxin and cholinergic ligand-binding properties of Torpedo acetylcholine receptor by a monoclonal anti-acetylcholine receptor antibody. Mihovilovic M, et al. **J Biol Chem** 1984 Dec 25;259(24):15051-9

Destruction of acetylcholine receptor by decaying 125I-alpha-bungarotoxin. Schmidt J. **J Biol Chem** 1984 Nov 25;259(22):14033-7

Acetylcholine receptor aggregation parallels the deposition of a basal lamina proteoglycan during development of the neuromuscular junction. Anderson MJ, et al. **J Cell Biol** 1984 Nov;99(5):1769-84

Insertion and internalization of acetylcholine receptors at clustered and diffuse domains on cultured myotubes. Bursztajn S, et al. **J Cell Biol** 1985 Jul;101(1):104-11

Fate of tetanus toxin bound to the surface of primary neurons in culture: evidence for rapid internalization. Critchley DR, et al. **J Cell Biol** 1985 May;100(5):1499-507

Immunochemical demonstration that amino acids 360-377 of the acetylcholine receptor gamma-subunit are cytoplasmic. LaRochelle WJ, et al. **J Cell Biol** 1985 Mar; 100(3):684-91

Association of the postsynaptic 43K protein with newly formed acetylcholine receptor clusters in cultured muscle cells. Peng HB, et al. **J Cell Biol** 1985 May;100(5):1698-705

Subcellular localization of creatine kinase in Torpedo electrocytes: association with acetylcholine receptor-rich membranes. Wallimann T, et al. **J Cell Biol** 1985 Apr; 100(4):1063-72

Regional distribution of muscarinic acetylcholine receptors in the telencephalon of the pigeon (Columbia livia f. domestica). Wächtler K. **J Hirnforsch** 1985;26(1):85-9

Calcium- and calmodulin-dependent phosphorylation of diphosphoinositide in acetylcholine receptor-rich membranes from electroplax of Narke japonica. Hayashi F, et al. **J Neurochem** 1985 Jul;45(1):124-31

Biochemical characterization of the nicotinic cholinergic receptors in human brain: binding of (-)-[3H]nicotine. Shimohama S, et al. **J Neurochem** 1985 Aug;45(2):604-10

Age changes of motor innervation and acetylcholine receptor distribution on human skeletal muscle fibres. Oda K. **J Neurol Sci** 1984 Nov-Dec;66(2-3):327-38

The effects of a myasthenic serum on the acetylcholine receptors of C2 myotubes. I. Immunological distinction between the two toxin-binding sites of the receptor. Gu Y, et al. **J Neurosci** 1985 Jul;5(7):1909-16

alpha-Bungarotoxin receptors on neurons isolated from turtle retina: molecular heterogeneity of bipolar cells. James WM, et al. **J Neurosci** 1985 Feb;5(2):352-61

High-affinity binding of [3H]acetylcholine to muscarinic cholinergic receptors. Kellar KJ, et al. **J Neurosci** 1985 Jun;5(6):1577-82

Gating kinetics of nonjunctional acetylcholine receptor channels in developing Xenopus muscle. Kullberg R, et al. **J Neurosci** 1985 Apr;5(4):970-6

The effects of a myasthenic serum on the acetylcholine receptors of C2 myotubes. II. Functional inactivation of the receptor. Maricq AV, et al. **J Neurosci** 1985 Jul; 5(7):1917-24

On the mechanism of acetylcholine receptor accumulation at newly formed synapses on chick myotubes. Role LW, et al. **J Neurosci** 1985 Aug;5(8):2197-204

Gating properties of acetylcholine receptors at developing rat endplates. Vicini S, et al. **J Neurosci** 1985 Aug; 5(8):2212-24

Afferent specific localization of muscarinic acetylcholine receptors in cingulate cortex. Vogt BA. **J Neurosci** 1984 Sep;4(9):2191-9

Redistribution of acetylcholine receptors on developing rat myotubes. Ziskind-Conhaim L, et al. **J Neurosci** 1984 Sep; 4(9):2346-9

A cholinergic receptor site on murine lymphocytes with novel binding characteristics. Atweh SF, et al. **Life Sci** 1984 Dec 10;35(24):2459-69

Sodium-dependent high-affinity binding of [3H]hemicholinium-3 in the rat brain: a potentially selective marker for presynaptic cholinergic sites. Vickroy TW, et al. **Life Sci** 1984 Dec 3;35(23):2335-43

The effect of tryptophan modification on the structure and function of a sea snake neurotoxin. Allen M, et al. **Mol Pharmacol** 1985 Jan;27(1):79-85

Agonist-induced regulation of the neuronal nicotinic acetylcholine receptor of PC12 cells. Robinson D, et al. **Mol Pharmacol** 1985 Apr;27(4):409-17

Comparison of the actions of carbamate anticholinesterases on the nicotinic acetylcholine receptor. Sherby SM, et al. **Mol Pharmacol** 1985 Mar;27(3):343-8

Influx of 22Na through acetylcholine receptor-associated Na channels: relationship between 22Na influx, 45Ca influx and secretion of catecholamines in cultured bovine adrenal medulla cells. Wada A, et al. **Neuroscience** 1985 May; 15(1):283-92

Binding assay for muscarinic cholinergic receptors in kaolin induced hydrocephalus. Mori K, et al. **Nippon Geka Hokan** 1984 Nov 1;53(6):695-702

Does the tissue concentration in receptor binding studies change the affinity of the labelled ligand? Ensing K, et al. **Pharm Weekbl** [Sci] 1984 Dec 14;6(6):241-4

Ascorbic acid mediates acetylcholine receptor increase induced by brain extract on myogenic cells. Knaack D, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):575-9

Demonstration and affinity labeling of a stereoselective binding site for a benzomorphan opiate on acetylcholine receptor-rich membranes from Torpedo electroplaque. Oswald RE, et al. **Proc Natl Acad Sci USA** 1985 Feb; 82(3):940-4

Characterization of diphtheria-toxin-resistant mutants lacking receptor function or containing nonribosylatable elongation factor 2. Kohno K, et al. **Somatic Cell Mol Genet** 1985 Sep;11(5):421-31

[Variations in the catabolism of the acetylcholine receptor during aging] Amedeo MR, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31;60(8):1509-14 (Eng. Abstr.) **(Ita)**

[Relative localization of the bound acetylcholine receptor subunits and neurotoxin] Tsetlin VI, et al. **Bioorg Khim** 1984 Feb;10(2):176-87 (Eng. Abstr.) **(Rus)**

[Cholinergic regulation of the Na, K-ATPase activity of the pig kidney] Mustafin AM, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):542-3 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Activation of the cholinergic system and growth hormone release in the dog: functional interactions with other neurotransmitters. Betti R, et al. **Acta Endocrinol (Copenh)** 1985 Jan;108(1):36-43

The cholinergic hypothesis: a historical overview, current perspective, and future directions. Bartus RT, et al. **Ann NY Acad Sci** 1985;444:332-58

A critical review of the role of the cholinergic system in human memory and cognition. Davies P.

Ann NY Acad Sci 1985;444:212-7

The functional organization of the basal forebrain cholinergic system in primates and the role of this system in Alzheimer's disease. Price DL, et al. **Ann NY Acad Sci** 1985;444:287-95

Possible changes in striatal and limbic cholinergic systems in schizophrenia. McGeer PL, et al. **Arch Gen Psychiatry** 1977 Nov;34(11):1319-23

Rabies virus interaction with various cell lines is independent of the acetylcholine receptor. Reagan KJ, et al. **Arch Virol** 1985;84(3-4):277-82

Open channel noise. I. Noise in acetylcholine receptor currents suggests conformational fluctuations. Sigworth FJ. **Biophys J** 1985 May;47(5):709-20

Agonists block currents through acetylcholine receptor channels. Sine SM, et al. **Biophys J** 1984 Aug;46(2):277-83

Three cholinergic neuroblastoma hybrid cell lines that form few synapses on myotubes are deficient in acetylcholine receptor aggregation molecules and large dense core vesicles. Busis NA, et al. **Brain Res** 1984 Dec 24; 324(2):201-10

Postsynaptic acetylcholine receptor efficacy is similarly increased by detergents and acetylcholinesterase inhibitors at an Aplysia synapse. Fossier P, et al. **Brain Res** 1984 Aug 13;308(2):369-72

The muscle chemoreceptors of the ascidian Halocynthia aurantium. Kobzar GT, et al. **Comp Biochem Physiol** [C] 1985;80(2):395-400

Irreversible inhibition of phospholipid methylation and protein carboxymethylation does not alter acetylcholine receptor function in muscle cells. Magilen G, et al. **Exp Neurol** 1984 Nov;86(2):198-207

Characterization of muscarinic cholinergic receptors in the submandibular gland of the rat. Costa LG, et al. **J Auton Nerv Syst** 1985 Aug;13(4):267-301

Extracellular matrix organization in developing muscle: correlation with acetylcholine receptor aggregates. Bayne EK, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1486-501

Membrane-related specializations associated with acetylcholine receptor aggregates induced by electric fields. Luther PW, et al. **J Cell Biol** 1985 Jan;100(1):235-44

Acetylcholine receptors in monkey and rabbit oocytes. Caratsch C, et al. **J Cell Physiol** 1984 Nov;121(2):415-8

Specific killing of lymphocytes that cause experimental autoimmune myasthenia gravis by ricin toxin-acetylcholine receptor conjugates. Killen JA, et al. **J Immunol** 1984 Nov; 133(5):2549-53

Enhanced activation of a T cell line specific for acetylcholine receptor (AChR) by using anti-AChR monoclonal antibodies plus receptors. Schalke BC, et al. **J Immunol** 1985 Jun;134(6):3643-8

Synthetic and conformational studies on anatoxin-a: a potent acetylcholine agonist. Koskinen AM, et al. **J Med Chem** 1985 Sep;28(9):1301-9

Cholinergic-adrenergic receptor interactions in cerebral microvessels. Grammas P, et al. **J Neurochem** 1985 Jun; 44(6):1732-5

Coated vesicles are associated with acetylcholine receptors at nerve-muscle contacts. Bursztajn S. **J Neurocytol** 1984 Aug;13(4):503-18

Presynaptic function modified by acetylcholine-receptor interaction in experimental autoimmune myasthenia gravis. Takamori M, et al. **J Neurol Sci** 1984 Nov-Dec; 66(2-3):245-53

Motor nerve terminal outgrowth and acetylcholine receptors: inhibition of terminal outgrowth by alpha-bungarotoxin and anti-acetylcholine receptor antibody. Pestronk A, et al. **J Neurosci** 1985 Mar;5(3):751-8

Acetylcholine- and 5-hydroxytryptamine-stimulated contraction and calcium uptake in bovine coronary arteries: evidence for two populations of receptor-operated calcium channels. Ratz PH, et al. **J Pharmacol Exp Ther** 1985 Sep; 234(3):641-7

A cholinergic link in the reflex release of vasopressin by hypotension in the rat. Bisset GW, et al. **J Physiol (Lond)** 1984 Sep;354:523-45

Acetylcholine receptor channel properties during development of Xenopus muscle cells in culture. Brehm P, et al. **J Physiol (Lond)** 1984 Dec;357:203-17

Acetylcholine receptors of skeletal muscle cells in cultures of rat thymus glands. Dhillon DS, et al. **J Physiol (Lond)** 1985 May;362:349-58

Acetylcholine receptor-aggregating factor is similar to molecules concentrated at neuromuscular junctions. Fallon JR, et al. **Nature** 1985 Jun 13-19;315(6020):571-4

Aggregates of acetylcholinesterase induced by acetylcholine receptor-aggregating factor. Wallace BG, et al. **Nature** 1985 Jun 13-19;315(6020):574-7

Regional analysis of neostriatal cholinergic and dopaminergic receptor binding and tyrosine hydroxylase activity as a function of aging. Strong R, et al. **Neurochem Res** 1984 Nov;9(11):1641-52

Avoidance conditioning in rats following changes in activity of the noradrenergic and cholinergic systems of the brain. Martynov NN, et al. **Neurosci Behav Physiol** 1984 Sep-Oct; 14(5):368-72

Some properties of acetylcholine receptors in human cultured myotubes. Adams DJ, et al. **Proc R Soc Lond [Biol]** 1985 Apr 22;224(1235):183-96

Acetylcholine receptors: introductory remarks. Bolis CL. **Prog Clin Biol Res** 1984;164:251-3

The postsynaptic domain in Torpedo marmorata electric organ: molecular architecture and stabilization mechanisms. Cartaud J, et al. **Prog Clin Biol Res** 1984;164:255-63

Dynamic properties of the acetylcholine receptor. Hess GP. **Prog Clin Biol Res** 1984;164:265-77

On the mechanism of cholinergic excitation. Prinz H, et al. **Prog Clin Biol Res** 1984;164:279-89

Cooperativity between acetylcholine-receptor channels. Schindler H. **Prog Clin Biol Res** 1984;164:291-4

Acetylcholine-receptor-mediated ion fluxes in Electrophorus electricus and Torpedo california membrane vesicles. Cash DJ, et al. **Rev Physiol Biochem Pharmacol** 1985;102:73-117 (97 ref.)

[Effectiveness of neurotransmitters on receptor membranes. a. Acetylcholine receptors] Takamori M, et al. **Nippon Rinsho** 1984 Apr;42(4):791-9 (40 ref.) **(Jpn)**

[Selected aspects of neural transmission in the retina] Stankiewicz A. **Klin Oczna** 1984 Jun;86(6):275-8 (Eng. Abstr.) **(Pol)**

[Possible participation of slow Na+--Ca++ channels in realizing cholinergic effects on the cardiac pacemaker] Sukhova GS, et al. **Fiziol Zh SSSR** 1985 Apr;71(4):506-9 (Eng. Abstr.) **(Rus)**

[Effect of different stressors on adrenergic mechanisms and cholinoreception in guinea pigs] Shibaeva TN, et al. **Patol Fiziol Eksp Ter** 1985 Mar-Apr;(2):65-7 (Eng. Abstr.) **(Rus)**

[Comparison of the cholinoreceptor and cholinesterase properties of the frog Rana temporaria and the squid Todarodes pacificus] Danilov AF, et al. **Zh Evol Biokhim Fiziol** 1985 Mar-Apr;21(2):139-43 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

[Action of a UHF field on GABA-ergic and acetylcholinergic systems in synaptic transmission] Akoev IG, et al. **Radiobiologiia** 1985 May-Jun;25(3):426-8 (Eng. Abstr.) **(Rus)**

RECEPTORS, COMPLEMENT

Phagocytosis of immune complexes by human neutrophils and monocytes: relative importance of Fc and C3b receptors. Schorlemmer HU, et al. **Behring Inst Mitt** 1984 Nov;(76):88-97

Attachment and phagocytosis by salmon macrophages of agarose beads coated with human C3b and C3bi. Johnson E, et al. **Dev Comp Immunol** 1984 Summer;8(3):623-30

Phenotype characteristics of human B cells studied by Epstein-Barr virus infection. III. In vitro modulation of C3 receptor expression on human lymphoid cells. Kudo T, et al. **Immunol Lett** 1984;8(6):349-53

Phenotype characteristics of human B cells studied by Epstein-Barr virus infection. II. C3 receptor switching during human B cell differentiation. Kudo T, et al. **Immunol Lett** 1984;8(6):343-8

The role of complement receptor positive and complement receptor negative B cells in the primary and secondary immune response to thymus independent type 2 and thymus dependent antigens. Lindsten T, et al. **J Immunol** 1985 May; 134(5):2853-9

gp140, the C3d receptor of human B lymphocytes, is also the Epstein-Barr virus receptor. Frade R, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1490-3

[Chronic hepatitis followed by various immunological abnormalities in a patient with defective erythrocyte C3b receptor] Ishikawa T, et al. **Nippon Naika Gakkai Zasshi** 1984 May;73(5):648-52 **(Jpn)**

ANALYSIS

Determination of C3b receptors on normal and patient polymorphonuclear neutrophils with C3b-coated fluorescent microspheres. Ogle JD, et al. **Arch Surg** 1985 Jan;120(1):104-9

Low C3b receptor reactivity on erythrocytes from patients with systemic lupus erythematosus detected by immune adherence hemagglutination and radioimmunoassays with monoclonal antibody. Minota S, et al. **Arthritis Rheum** 1984 Dec;27(12):1329-35

Analysis of C3-receptor activity on human B-lymphocytes and isolation of the complement receptor type 2 (CR2). Micklem KJ, et al. **Biochem J** 1984 Nov 15;224(1):75-86

Comparison of peripheral blood lymphocyte C3 receptor capping properties in patients with chronic lymphocytic leukemia and lymphoma. Hendrick AM, et al. **Cancer** 1985 Oct 1;56(7):1538-42

Chronic myelocytic leukaemia: HLA association and decreased erythrocyte C3b receptor expression. Ruuska P, et al. **Clin Exp Immunol** 1985 Feb;59(2):300-4

Neutrophil phagocytosis in sarcoidosis. Reduced C3b receptor-mediated phagocytosis in active and silent sarcoidosis. Schmekel B, et al. **Clin Exp Immunol** 1985 Apr; 60(1):191-5

Family studies of erythrocyte complement receptor type 1 levels: reduced levels in patients with SLE are acquired, not inherited. Walport MJ, et al. **Clin Exp Immunol** 1985 Mar;59(3):547-54

Mononuclear cell complement receptor blockade in primary biliary cirrhosis. Al-Aghbar MN, et al. **Gut** 1985 Jan; 26(1):20-5

Deficiency in C3b receptors on neutrophils of patients with chronic granulomatous disease and hyperimmunoglobulin-E recurrent infection (Job's) syndrome. Gaither TA, et al. **Inflammation** 1984 Dec; 8(4):429-44

Effect of priming with antigen on the expression of C3 receptors on murine B cells and the responses to TI-2 antigens. Nariuchi H, et al. **J Immunol** 1985 Feb; 134(2):748-53

Human follicular dendritic cells express CR1, CR2, and CR3 complement receptor antigens. Reynes M, et al. **J Immunol** 1985 Oct;135(4):2687-94

Neutrophils express a receptor for iC3b, C3dg, and C3d that is distinct from CR1, CR2, and CR3. Vik DP, et al. **J Immunol** 1985 Apr;134(4):2571-9

Characterization of a soluble form of the C3b/C4b receptor (CR1) in human plasma. Yoon SH, et al. **J Immunol** 1985 May;134(5):3332-8

Identification and characterization of the Epstein-Barr virus receptor on human B lymphocytes and its relationship to the C3d complement receptor (CR2). Nemerow GR, et al. **J Virol** 1985 Aug;55(2):347-51

CR1 deficiency in patients with Hansen's disease. Tausk FA, et al. **Trans Assoc Am Physicians** 1984;97:346-52

[A study of glomerular C3b-receptor: the physicochemical characteristics and the changes in glomerulonephritis] Akiyama T. **Nippon Jinzo Gakkai Shi** 1984 Jun; 26(6):805-22 (Eng. Abstr.) **(Jpn)**

[Expression of Fc- and C3-receptors on membranes of blast cells in myeloblastic leukemia and blast crisis of myelocytic leukemia] Tishchenko LM, et al. **Eksp Onkol** 1985;7(2):51-4 (Eng. Abstr.) **(Rus)**

[Granulocyte Fc- and C3-receptors as differential diagnostic criteria in erythremia vera and symptomatic erythrocytoses] Tishchenko LM, et al. **Vrach Delo** 1984 Nov;(11):42-5 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Determination of the inducers of Fc (FcRI) and C3 (C3RI) receptors on myeloid cells in several media from human and mouse origin, and the identification of the macrophage as the cell that produces these factors. Fragoso A, et al. **Exp Hematol** 1985 Mar;13(3):163-8

Biosynthesis of the human C3b/C4b receptor during differentiation of the HL-60 cell line. Identification and characterization of a precursor molecule. Atkinson JP, et al. **J Clin Invest** 1984 Nov;74(5):1649-57

Calcium requirements for increased complement receptor expression during neutrophil activation. Berger M, et al. **J Immunol** 1985 Aug;135(2):1342-8

Herpes simplex virus type 1 infection of endothelial, epithelial, and fibroblast cells induces a receptor for C3b. Smiley ML, et al. **J Immunol** 1985 Apr;134(4):2673-8

BLOOD

A microtiter plate enzyme-linked immunosorbent assay for measuring C3b receptors on human erythrocytes. Thomsen BS, et al. **J Immunol Methods** 1985 Aug 2;81(2):259-69

DEFICIENCY

Altered expression of complement receptors as a pathogenetic factor in systemic lupus erythematosus. Wilson JG, et al. **Arthritis Rheum** 1984 Dec;27(12):1321-8

DRUG EFFECTS

Effects of mononuclear phagocyte system modulating agents on Fc and C3 receptors of adherent cells. Hitomi M, et al. **Br J Exp Pathol** 1985 Jun;66(3):371-6

Tumor-promoting phorbol esters induce rapid internalization of the C3b receptor via a cytoskeleton-dependent mechanism. O'Shea JJ, et al. **J Immunol** 1985 Aug; 135(2):1325-30

GENETICS

Application of immune-adherence haemagglutination assay to study genetic variability of C3b receptor on human erythrocytes. Nowak JS. **Acta Anthropogenet** 1983; 7(4):309-17

Abnormal adherence-related functions of neutrophils, monocytes, and Epstein-Barr virus-transformed B cells in a patient with C3bi receptor deficiency. Buescher ES, et al. **Blood** 1985 Jun;65(6):1382-90

Polymorphism of the C3b/C4b receptor (CR1): characterization of a fourth allele. Dykman TR, et al. **J Immunol** 1985 Mar;134(3):1787-9

Evidence for linkage between the loci coding for the binding protein for the fourth component of human complement (C4BP) and for the C3b/C4b receptor. Rodriguez de Cordoba S, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(24):7890-2

IMMUNOLOGY

The classical complement pathway: activation and regulation of the first complement component. Cooper NR. **Adv Immunol** 1985;37:151-216 (396 ref.)

Fc and complement receptor integrity of polymorphonuclear (PMN) cells following thermal injury. Jeyapaul J, et al. **Burns Incl Therm Inj** 1984 Aug;10(6):387-95

OKB7, a monoclonal antibody that reacts at or near the C3d binding site of human CR2. Rao PE, et al. **Cell Immunol** 1985 Jul;93(2):549-55

Human umbilical cord vein smooth muscle cells lack receptors for C3b and the Fc portion of immunoglobulin G. Shingu M, et al. **Clin Immunol Immunopathol** 1984 Nov;33(2):282-6

Suramin inhibits the binding of complement-fixing antibody/double-stranded DNA immune complexes to CR1. Taylor RP, et al. **Clin Immunol Immunopathol** 1984 Nov;33(2):220-31

Enhancement of human B cell proliferation by an antibody to the C3d receptor, the gp 140 molecule. Frade R, et al. **Eur J Immunol** 1985 Jan;15(1):73-6

Erythrocyte enhancement of C3b-mediated phagocytosis by human neutrophils in vitro: a combined effect of the erythrocyte complement receptors CR1 and erythrocyte scavengers to reactive oxygen metabolites (ROM). Forslid J, et al. **Immunology** 1985 May;55(1):97-103

Depressing hepatic macrophage complement receptor function causes increased susceptibility to endotoxemia and infection. Loegering DJ, et al. **Infect Immun** 1985 Mar;47(3):659-64

Opsonized streptococcal cell walls cross-link human leukocytes and erythrocytes by complement receptors. Pryzwansky KB, et al. **Infect Immun** 1985 Sep;49(3):550-6

Human neutrophils increase expression of C3bi as well as C3b receptors upon activation. Berger M, et al. **J Clin Invest** 1984 Nov;74(5):1566-71

Autoantibody to the C3b/C4b receptor and absence of this receptor from erythrocytes of a patient with systemic lupus erythematosus. Wilson JG, et al. **J Clin Invest** 1985 Jul;76(1):182-90

Macrophage complement and lectin-like receptors bind leishmania in the absence of serum. Blackwell JM, et al. **J Exp Med** 1985 Jul 1;162(1):324-31

In vivo activation of macrophage C3 receptors for phagocytosis. Griffin FM Jr, et al. **J Exp Med** 1985 Jul 1;162(1):352-7

Effect of antibodies directed against complement receptors on phagocytosis by polymorphonuclear leukocytes: use of iodination as a convenient measure of phagocytosis. Klebanoff SJ, et al. **J Immunol** 1985 Feb;134(2):1153-9

p65: A C3b-binding protein on murine cells that shares antigenic determinants with the human C3b receptor (CR1) and is distinct from murine C3b receptor. Wong WW, et al. **J Immunol** 1985 Jun;134(6):4048-56

Human complement receptors for C3b (CR1) and C3d (CR2). Fearon DT. **J Invest Dermatol** 1985 Jul;85(1 Suppl):53s-57s

Leprosy: altered complement receptors in disseminated disease. Tausk F, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):58s-61s

Mouse monoclonal antibodies to the human C3b receptor. Cook J, et al. **Mol Immunol** 1985 May;22(5):531-9

Complement-dependent cellular cytotoxicity: lymphoblastoid lines that activate complement component 3 (C3) and express C3 receptors have increased sensitivity to lymphocyte-mediated lysis in the presence of fresh human serum. Ramos OF, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5470-4

Characterization of the inflammatory cells in progressing tumor-like alveolar hydatid cyst. 2. Cell surface receptors, endocytosed immune complexes and lysosomal enzyme content. Treves S, et al. **Tropenmed Parasitol** 1984 Dec;35(4):231-6

[Follicular dendritic cells] Simar LJ. **Bull Mem Acad R Med Belg** 1984;139(10-11):495-506 (Eng. Abstr.) **(Fre)**

ISOLATION & PURIFICATION

Analysis of C3-receptor activity on human B-lymphocytes and isolation of the complement receptor type 2 (CR2). Micklem KJ, et al. **Biochem J** 1984 Nov 15;224(1):75-86

Identification of the Raji cell membrane-derived C1q inhibitor as a receptor for human C1q. Purification and immunochemical characterization. Ghebrehiwet B, et al. **J Exp Med** 1984 Nov 1;160(5):1375-89

Regulatory proteins for the activated third and fourth components of complement (C3b and C4b) in mice. II. Identification and properties of complement receptor type 1 (CR1). Kinoshita T, et al. **J Immunol** 1985 Apr;134(4):2564-70

Evidence for distinct intracellular pools of receptors for C3b and C3bi in human neutrophils. O'Shea JJ, et al. **J Immunol** 1985 Apr;134(4):2580-7

Purification and functional analysis of the polymorphic variants of the C3b/C4b receptor (CR1) and comparison with H, C4b-binding protein (C4bp), and decay accelerating factor (DAF). Seya T, et al. **J Immunol** 1985 Oct;135(4):2661-7

METABOLISM

Measurement of the ratio of the eighth and ninth components of human complement on complement-lysed membranes. Stewart JL, et al. **Biochemistry** 1984 Aug 28;23(18):4016-22

Alterations of surface receptors on intralesional neutrophils in pustular psoriasis and palmo-plantar pustulosis. Iwatsuki K, et al. **Br J Dermatol** 1985 Jan;112(1):53-6

The change in C3b receptors on erythrocytes from patients with systemic lupus erythematosus. Yoshida K, et al. **Clin Exp Immunol** 1985 Jun;60(3):613-21

Low capacity of erythrocytes to bind with immune complexes via C3b receptor in patients with systemic lupus erythematosus: correlation with pathological proteinuria. Nojima Y, et al. **Clin Immunol Immunopathol** 1985 Jan;34(1):109-17

Sequential changes of the T lymphocytes following ER rosette formation in guinea pigs. I. Expression of Fc and complement receptors. Yasumizu R, et al. **Immunobiology** 1985 Apr;169(3):292-302

Labeling the granulocyte C5a receptor with a unique photoreactive probe. Johnson RJ, et al. **J Biol Chem** 1985 Jun 25;260(12):7161-4

Identification of the polymorphonuclear leukocyte C5a receptor. Rollins TE, et al. **J Biol Chem** 1985 Jun 25;260(12):7157-60

PMA induces the ligand-independent internalization of CR1 on human neutrophils. Changelian PS, et al. **J Immunol** 1985 Mar;134(3):1851-8

Factor I co-factor activity of CR1 overcomes the protective effect of IgG on covalently bound C3b residues. Fries LF, et al. **J Immunol** 1985 Oct;135(4):2673-9

Characterization of a C5a receptor on human polymorphonuclear leukocytes (PMN). Huey R, et al. **J Immunol** 1985 Sep;135(3):2063-8

Disease-associated loss of erythrocyte complement receptors (CR1, C3b receptors) in patients with systemic lupus erythematosus and other diseases involving autoantibodies and/or complement activation. Ross GD, et al. **J Immunol** 1985 Sep;135(3):2005-14

Osmotic stress and the freeze-thaw cycle cause shedding of Fc and C3b receptors by human polymorphonuclear leukocytes. Takahashi T, et al. **J Immunol** 1985 Jun;134(6):4062-8

Human C5a modulates monocyte Fc and C3 receptor expression. Yancey KB, et al. **J Immunol** 1985 Jul;135(1):465-70

Differential effects of experimental hyperlipidemia on various types of rabbit peripheral blood lymphocyte receptors. Skopińska-Różewska E, et al. **Mech Ageing Dev** 1985 Feb;29(2):111-6

Complement C3 receptors: structure and function. Arnaout MA, et al. **Mol Immunol** 1984 Dec;21(12):1191-9

Multifactorial basis of C3b receptor reactivity. Dierich MP, et al. **Mol Immunol** 1984 Dec;21(12):1201-4

Role of C3b receptors in the enhancement of interleukin-2-dependent T-cell proliferation. Erdei A, et al. **Mol Immunol** 1984 Dec;21(12):1215-21

The human glomerular C3 receptor. Fischer E, et al. **Mol Immunol** 1984 Dec;21(12):1223-7

Glomerular C3b receptor loss in renal allografts. Nolasco F, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:1015-20

Mapping of the C3d receptor (CR2)-binding site and a neoantigenic site in the C3d domain of the third component of complement. Lambris JD, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4235-9

[Binding of activated C3b component with complement effector] Kozlov LV, et al. **Bioorg Khim** 1985 Jun;11(6):762-8 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Fc- and complement receptor-dependent degradation of soluble immune complexes and stable immunoglobulin aggregates by guinea pig monocytes, peritoneal macrophages, and Kupffer cells. Daha MR, et al. **J Leukocyte Biol** 1984 Nov;36(5):569-79

PHYSIOLOGY

Membrane complement receptors specific for bound fragments of C3. Ross GD, et al. **Adv Immunol** 1985;37:217-67 (225 ref.)

Defective immune adherence receptors (CR1) on erythrocytes in autoimmune diseases: an association with HLA-Cw3. Matsumura Y, et al. **Arthritis Rheum** 1985 Mar;28(3):349-51

Ontogenesis of the glomerular C3b receptor (CR1) in fetal human kidney. Appay MD, et al. **Clin Immunol Immunopathol** 1985 Oct;37(1):103-13

Protection of the classical and alternative complement pathway C3 convertases, stabilized by nephritic factors, from decay by the human C3b receptor. Fischer E, et al. **Eur J Immunol** 1984 Dec;14(12):1111-4

The selective localization of B lymphocytes in the spleen and the role of complement receptors. Kraal G, et al. **Eur J Immunol** 1985 Jul;15(7):681-6

Ligated complement receptors do not activate the arachidonic acid cascade in resident peritoneal macrophages. Aderem AA, et al. **J Exp Med** 1985 Mar 1;161(3):617-22

Augmentation of macrophage complement receptor function in vitro. IV. The lymphokine that activates macrophage C3 receptors for phagocytosis binds to a fucose-bearing glycoprotein on the macrophage plasma membrane. Griffin FM Jr, et al. **J Exp Med** 1984 Oct 1;160(4):1206-18

Fibronectin-enhanced phagocytosis of an alternative pathway activator by human culture-derived macrophages is mediated by the C4b/C3b complement receptor (CR1). Bohnsack JF, et al. **J Immunol** 1985 Oct;135(4):2680-6

Augmentation of macrophage complement receptor function in vitro. V. Studies on the mechanisms of ligation of macrophage Fc receptors required to trigger macrophages to signal T lymphocytes to elaborate the lymphokine that activates macrophage C3 receptors for phagocytosis. Griffin FM Jr, et al. **J Immunol** 1985 Jul;135(1):344-9

The mouse macrophage receptor for C3bi (CR3) is a major mechanism in the phagocytosis of Leishmania promastigotes. Mosser DM, et al. **J Immunol** 1985 Oct;135(4):2785-9

Normal function of CR1 on affected erythrocytes of patients with paroxysmal nocturnal hemoglobinuria. Roberts WN, et al. **J Immunol** 1985 Jan;134(1):512-7

Membrane complement receptor type three (CR3) has lectin-like properties analogous to bovine conglutinin as functions as a receptor for zymosan and rabbit erythrocytes as well as a receptor for iC3b. Ross GD, et al. **J Immunol** 1985 May;134(5):3307-15

Complement receptor type three-dependent degradation of opsonized erythrocytes by mouse macrophages. Rothlein R, et al. **J Immunol** 1985 Oct;135(4):2668-72

Thymic reticulum in mice. IV. The rosette formation between phagocytic cells of the thymic reticulum and cortical type thymocytes is mediated by complement receptor type three. el Rouby S, et al. **J Immunol** 1985 Jun;134(6):3625-31

Photometric microassay for quantitation of macrophage Fc and C3b receptor function. Rummage JA, et al. **J Immunol Methods** 1985 Feb 28;77(1):155-63

Phagocytosis by receptors for C3b (CR1), iC3b (CR3), and IgG (Fc) on human peritoneal macrophages. Newman SL, et al. **J Leukocyte Biol** 1985 Aug;38(2):267-78

Activation of phagocytic cells' C3 receptors for phagocytosis. Wright SD, et al. **J Leukocyte Biol** 1985 Aug;38(2):327-39 (80 ref.)

Ca2+-dependent and Ca2+-independent phagocytosis in human neutrophils. Lew DP, et al. **Nature** 1985 Jun 6-12;315(6019):509-11

The chemistry and biology of complement receptors. Schreiber RD. **Springer Semin Immunopathol** 1984;7(2-3):221-49 (130 ref.)

RECEPTORS, CONCANAVALIN A

ANALYSIS

Concanavalin (ConA)-reactive human epidermal glycoproteins. Bonnefoy JY, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):459-65

Binding of concanavalin A to secretory epidermis in the fish Blennius sanguinolentus pallas: light microscopic and ultrastructural studies. Zaccone G, et al. **Basic Appl Histochem** 1985;29(2):135-47

Human tumour cell lines established in vitro from tumours after long-term passage as nude mouse xenografts. Comparative fingerprinting of their concanavalin-A acceptor glycoproteins. Walton J, et al. **Br J Cancer** 1985 May;51(5):675-80

Con A-binding glycoproteins in the developing cerebellum of control and hypothyroid rats. Zanetta JP, et al. **Brain Res** 1985 Jul;353(1):1-6

Leishmania braziliensis: cell surface differences in promastigotes of pathogenic and nonpathogenic strains. Ayesta C, et al. **Exp Parasitol** 1985 Apr;59(2):185-91

Localization of concanavalin A binding carbohydrate in Chlamydomonas flagella. Millikin BE, et al. **J Cell Sci** 1984 Jun;68:211-26

Restoration of immunosuppression in lung cancer by normal sera. Hadjipetrou-Kourounakis L, et al. **J Clin Lab Immunol** 1985 Mar;16(3):149-53

ConA and WGA receptors in rat skeletal muscles. Changes in density, distribution and composition following denervation. Di Iorio G, et al. **J Neurol Sci** 1985 Jan;67(1):105-14

Cell surface alterations in murine leukaemia P388 adriamycin-resistant cells: studies on lectin-induced agglutination and rearrangement of lectin receptors. Basrur VS, et al. **Oncology** 1985;42(5):328-31

IMMUNOLOGY

Selective binding of concanavalin A to target cell major histocompatibility antigens is required to induce nonspecific conjugation and lysis by cytolytic T lymphocytes in lectin-dependent cytotoxicity. Keren Z, et al. **Cell Immunol** 1984 Dec;89(2):458-77

METABOLISM

Study of the imprinting and overlap of insulin and concanavalin-A at the receptor level in a protozoan (Tetrahymena) model system. Kovács P, et al. **Acta Physiol Hung** 1984;64(1):19-23

Molecular heterogeneity of the concanavalin A tetramer: effects on binding to human red blood cells. Phillips PG, et al. **Biochem Int** 1983 Nov;7(5):549-55

Role of the membrane concanavalin A binding site in platelet-fibrin interactions. Chow TW, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):512-22

Distribution of concanavalin-A receptor sites on the surface of human resting T lymphocytes. A stereological study using concanavalin-A/colloidal-gold-labelled horseradish peroxidase. Renau-Piqueras J, et al. **Histochemistry** 1985;82(3):293-7

Use of colloidal gold and ruthenium red in stereo high-voltage electron microscopic study of Con A-binding sites in mouse macrophages. Takata K, et al. **Histochemistry** 1984;81(5):441-4

Whole-cell-mount cytochemistry by the colloidal gold labeling method. Combined transmission and scanning electron microscopic study of ConA binding sites in mouse macrophages. Takata K, et al. **Histochemistry** 1984; 81(5):435-9

Concanavalin A binding to fibroblasts from Duchenne muscular dystrophy patients and age-matched controls. Hellman M, et al. **J Neurol Sci** 1984 Sep;65(3):315-21

RECEPTORS, CYCLIC AMP

Sites of allosteric shift in the structure of the cyclic AMP receptor protein. Garges S, et al. **Cell** 1985 Jul;41(3):745-51

Visualization of cAMP receptor protein-induced DNA kinking by electron microscopy. Gronenborn AM, et al. **J Mol Biol** 1984 Nov 15;179(4):751-7

Mechanism of CRP-cAMP activation of lac operon transcription initiation activation of the P1 promoter. Malan TP, et al. **J Mol Biol** 1984 Dec 25;180(4):881-909

ANALYSIS

A unique type of cyclic AMP-binding protein of Trypanosoma cruzi. Rangel-Aldao R, et al. **Mol Biochem Parasitol** 1985 Jan;14(1):75-81

[Cytoplasmic cAMP receptors in the kidneys of rats of different ages studied by gel filtration] Solenov EI, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):683-5 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Kinetics and concentration dependence of reversible cAMP-induced modification of the surface cAMP receptor in Dictyostelium. Devreotes PN, et al. **J Biol Chem** 1985 May 25;260(10):6378-84

cAMP induces a rapid and reversible modification of the chemotactic receptor in Dictyostelium discoideum.. Klein C, et al. **J Cell Biol** 1985 Mar;100(3):715-20

GENETICS

Upstream repression and CRP stimulation of the Escherichia coli L-arabinose operon. Hahn S, et al. **J Mol Biol** 1984 Nov 25;180(1):61-72

Mutations that alter the DNA sequence specificity of the catabolite gene activator protein of E. coli. Ebright RH, et al. **Nature** 1984 Sep 20-26;311(5983):232-5

IMMUNOLOGY

Characterization of nine monoclonal antibodies against the Escherichia coli cyclic AMP receptor protein. Li XM, et al. **J Biol Chem** 1985 Apr 10;260(7):4378-83

ISOLATION & PURIFICATION

Isolation and characterization of a cyclic AMP receptor protein from luminous Vibrio harveyi cells. Chen PF, et al. **Arch Biochem Biophys** 1985 Sep;241(2):425-31

Isolation of a cAMP receptor protein from yeast mitochondria (Mr 45000) and comparison with mitochondrial RNA polymerase (Mr 45000). Bandlow W, et al. **Biol Chem Hoppe Seyler** 1985 Jun;366(6):545-53

METABOLISM

Effect of deoxyribopolymers and ribopolymers on the sensitivity of the cyclic-AMP receptor protein of Escherichia coli to proteolytic attack. Angulo JA, et al. **Arch Biochem Biophys** 1985 Jan;236(1):11-6

Ca2+- or phorbol ester- dependent effect of ATP on a subpopulation of cAMP cell-surface receptors in membranes from D. discoideum. A role for protein kinase C. Van Haastert PJ, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):185-92

Guanine nucleotides modulate cell surface cAMP-binding sites in membranes from Dictyostelium discoideum. Van Haastert PJ. **Biochem Biophys Res Commun** 1984 Oct 30; 124(2):597-604

The modulation of cell surface cAMP receptors from Dictyostelium discoideum by ammonium sulfate. Van Haastert PJ. **Biochim Biophys Acta** 1985 May 30; 845(2):254-60

Specific binding of the cAMP receptor protein of Escherichia coli to the lactose operon promoter. Koop AH, et al. **Biochimie** 1985 Jan;67(1):161-75

The solution structure of a B-DNA undecamer comprising a portion of the specific target site for the cAMP receptor protein in the gal operon. Refinement on the basis of interproton distance data. Clore GM, et al. **EMBO J** 1985 Mar;4(3):829-35

The change of DNA structure by specific binding of the cAMP receptor protein from rotation diffusion and dichroism measurements. Porschke D, et al. **EMBO J** 1984 Dec 1;3(12):2873-8

Cyclic AMP receptor protein from yeast mitochondria: submitochondrial localization and preliminary characterization. Rödel G, et al. **J Bacteriol** 1985 Jan; 161(1):7-12

Transcription of the Escherichia coli adenylate cyclase gene is negatively regulated by cAMP-cAMP receptor protein. Aiba H. **J Biol Chem** 1985 Mar 10;260(5):3063-70

Identification and cyclic AMP-induced modification of the cyclic AMP receptor in Dictyostelium discoideum. Klein P, et al. **J Biol Chem** 1985 Feb 10;260(3):1757-64

Specific photoaffinity labeling of the cAMP surface receptor in Dictyostelium discoideum. Theibert A, et al. **J Biol Chem** 1984 Oct 25;259(20):12318-21

Demonstration of receptor heterogeneity and affinity modulation by nonequilibrium binding experiments. The cell surface cAMP receptor of Dictyostelium discoideum. Van Haastert PJ, et al. **J Biol Chem** 1984 Nov 10; 259(21):13321-8

Transcriptional control of polarity in Escherichia coli by cAMP. Guidi-Rontani C, et al. **MGG** 1984;195(1-2):96-100

Detection in vivo of protein-DNA interactions within the lac operon of Escherichia coli. Nick H, et al. **Nature** 1985 Feb 28-Mar 6;313(6005):795-8

Interaction of cyclic AMP receptor protein with the ilvB biosynthetic operon in E. coli. Friden P, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8145-60

[Activity of cAMP-dependent protein kinases and cAMP-binding proteins from rat renal cytosol upon dehydration.] Zelenina MN, et al. **Biokhimiia** 1985 Mar; 50(3):439-42 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Induction of post-aggregative differentiation in Dictyostelium discoideum by cAMP. Evidence of involvement of the cell surface cAMP receptor. Schaap P, et al. **Exp Cell Res** 1985 Aug;159(2):388-98

Autonomous chaotic behaviour of the slime mould Dictyostelium discoideum predicted by a model for cyclic AMP signalling. Martiel JL, et al. **Nature** 1985 Feb 14-20; 313(6003):590-2

Positive regulation of the colicin E1 gene by cyclic AMP and cyclic AMP receptor protein. Shirabe K, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4687-98

RECEPTORS, DIAZEPAM see **RECEPTORS, GABA-BENZODIAZEPINE**

RECEPTORS, DOPAMINE

Dopamine receptors: applications in clinical cardiology. Goldberg LI, et al. **Circulation** 1985 Aug;72(2):245-8

Iodothyronines and iodotyrosines as hypothetical receptors for catecholamines and opiates. Clur A. **Med Hypotheses** 1985 Feb;16(2):97-131

Fusion transfer of dopamine DA1 receptors to Friend erythroleukemia cells. Olasmaa M, et al. **Neurosci Lett** 1985 Jan 21;53(2):209-14

ANALYSIS

Distinct properties of cholecystokinin-8 and mixed dopamine-cholecystokinin-8 neurons innervating the nucleus accumbens. Studler JM, et al. **Ann NY Acad Sci** 1985;448:306-14

D2 dopamine receptor density in rat striatum over 24 hours: lack of detectable changes. Watanabe S, et al. **Biol Psychiatry** 1984 Aug;19(8):1249-53

Solubilization of dopamine-D2 receptors from synaptosomal membranes of the bovine caudate nucleus. Kidrič M, et al. **Br J Pharmacol** 1984 Nov;83(3):687-95

Light-dependent regulation of dopamine receptors in mammalian retina. Dubocovich ML, et al. **Brain Res** 1985 Jun 3;335(2):321-5

Topographical distributions of 32K and 48K cAMP-regulated phosphoproteins: relationships to dopamine and serotonin innervations in striatum, substantia nigra and cerebral cortex. Lemos JR, et al. **Brain Res** 1984 Dec 3;323(1):47-54

Denervation accelerates the reappearance of neostriatal D-2 receptors after irreversible receptor blockade. Neve KA, et al. **Brain Res** 1985 Mar 11;329(1-2):225-31

Monkey placenta, decidua, amnion or chorion does not contain measurable dopamine receptors. Rotten D, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:80-4

Photoaffinity labelling of dopamine receptors. Synthesis and binding characteristics of azapride. Wouters W, et al. **Eur J Biochem** 1984 Dec 3;145(2):273-8

D-1 dopamine receptors in the rat brain: autoradiographic localization using [3H]SCH 23390. Dawson TM, et al. **Eur J Pharmacol** 1985 Feb 5;108(3):323-5

Positron tomography of a radio-brominated analog of the D1/DA1 antagonist, SCH 23390. Friedman AM, et al. **Eur J Pharmacol** 1985 Feb 5;108(3):327-8

Evidence for the presence of D1 and D2 dopamine receptors in the rat adrenal cortex. Missale C, et al. **Eur J Pharmacol** 1985 Feb 26;109(2):315-6

Dopamine receptor subtypes: in vivo biochemical evidence for functional interaction. Saller CF, et al. **Eur J Pharmacol** 1985 Feb 26;109(2):297-300

Preparation of 11C-labelled Raclopride, a new potent dopamine receptor antagonist: preliminary PET studies of cerebral dopamine receptors in the monkey. Ehrin E, et al. **Int J Appl Radiat Isot** 1985 Apr;36(4):269-73

Atlas of dopamine receptor images (PET) of the human brain. Inoue Y, et al. **J Comput Assist Tomogr** 1985 Jan-Feb; 9(1):129-40

(3-N-[11C]methyl)spiperone, a ligand binding to dopamine receptors: radiochemical synthesis and biodistribution studies in mice. Burns HD, et al. **J Nucl Med** 1984 Nov; 25(11):1222-7

Identification of adrenoceptors and dopamine receptors mediating vascular responses in the superior mesenteric arterial bed of the rat. Nichols AJ, et al. **J Pharm Pharmacol** 1985 Feb;37(2):110-5

Assay of dopamine receptors with [alpha-3H]flupenthixol. Huff RM, et al. **J Pharmacol Exp Ther** 1985 Jan; 232(1):57-61

Progressive supranuclear palsy: loss of striatal dopamine receptors demonstrated in vivo by positron tomography [letter] Baron JC, et al. **Lancet** 1985 May 18;1(8438):1163-4

76Br-bromospiroperidol: a new tool for quantitative in-vivo imaging of neuroleptic receptors. Mazière B, et al. **Life Sci** 1984 Sep 24;35(13):1349-56

Dopaminergic receptor sites in human brain: positron emission tomography. Baron JC, et al. **Neurology** 1985 Jan; 35(1):16-24

Striatal dopamine receptors in Alzheimer-type dementia. Cross AJ, et al. **Neurosci Lett** 1984 Nov 23;52(1-2):1-6

Differential changes in central serotonin and dopamine receptors in spontaneous hypertensive rats. Chiu P, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):665-8

[Dopamine receptors] Terai M, et al. **Tanpakushitsu Kakusan Koso** 1984 Nov;29(12 Suppl):1328-37 (83 ref.) **(Jpn)**

DRUG EFFECTS

Persistence of a defective tuberoinfundibular dopaminergic function in rats after long-term removal of oestrogen treatment. An in vivo study. Cocchi D, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):309-14

Possible altered dopaminergic modulation of pituitary function in normal-menstruating women with insulin dependent diabetes mellitus (IDDM). Djursing H, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):450-5

Enhanced hypothalamic dopaminergic inhibition of LH, TSH and GH release in patients with pathological hyperprolactinaemia. Ho KY, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):289-96

Effect of metoclopramide, domperidone and apomorphine on GH secretion in children and adolescents. Massara F, et al. **Acta Endocrinol (Copenh)** 1985 Apr;108(4):451-5

Effect of dopamine receptor stimulation on the inhibition of LH pulsatility by a met-enkephaline (FK 33-824). del Pozo E, et al. **Acta Neurochir (Wien)** 1985;75(1-4):88-90

Effect of lipophilicity of substituted benzamides on the dopaminergic effects in vivo and in vitro. Hall H, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Sep;55(3):211-5

The dopamine D-1 antagonist SCH 23390 inhibits apomorphine but not pergolide induced rotation. Herrera-Marschitz M, et al. **Acta Physiol Scand** 1984 Nov; 122(3):427-8

Effect of GM1 ganglioside treatment on the recovery of dopaminergic nigro-striatal neurons after different types of lesion. Toffano G, et al. **Acta Physiol Scand** 1984 Nov; 122(3):313-21

Comparative effects of urapidil, prazosin, and clonidine on ligand binding to central nervous system receptors, arterial pressure, and heart rate in experimental animals. Kellar KJ, et al. **Am J Med** 1984 Oct 5;77(4A):87-95

Blockade of renal effects of dopamine in the dog by the DA1 antagonist SCH 23390. Frederickson ED, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F236-40

Dopamine D2 receptors modulate neurotransmitter-regulated calcium ion gates. Memo M, et al. **Ann Ist Super Sanita** 1984;20(1):5-10

Evidence for cholecystokinin-dopamine receptor interactions in the central nervous system of the adult and old rat. Studies on their functional meaning. Agnati LF, et al. **Ann NY Acad Sci** 1985;448:315-33

Cholecystokinin neuron systems and their interactions with the presynaptic features of the dopamine neuron systems. A morphometric and neurochemical analysis involving studies on the action of cholecystokinin-8 and cholecystokinin-58. Fuxe K, et al. **Ann NY Acad Sci** 1985; 448:231-54

Electrophysiological studies of the role of cholecystokinin in the substantia nigra and its interactions with dopamine. Skirboll LR, et al. **Ann NY Acad Sci** 1985;448:275-82

Structure activity relationships of resorcinol substituted ring systems. Ilhan M, et al. **Arch Int Pharmacodyn Ther** 1984 Sep;271(1):22-32

Dopaminergic activity of a nonhydroxylated aminotetralin derivative (TL-68) on cat hearts. Ilhan M, et al. **Arch Int Pharmacodyn Ther** 1984 Oct;271(2):213-9

Hypotensive action and alpha-adrenolytic properties of a new dopaminergic agonist, CU 32-085, in the rat. Morales-Olivas FJ, et al. **Arch Int Pharmacodyn Ther** 1984 Nov;272(1):71-8

Involvement of peripheral dopamine receptors in the antihypertensive effect of a new ergoline derivative (355/1057). Salvati P, et al. **Arch Int Pharmacodyn Ther** 1985 Apr;274(2):291-304

Effect of supersensitivity of pre- and postsynaptic dopamine receptors on the activity of endogenous inhibitor of cAMP dependent protein kinase in rat striatum. Szmigielski A, et al. **Arch Int Pharmacodyn Ther** 1984 Dec;272(2):214-24

The effect of stimulation of pre- and postsynaptic dopamine receptors on the endogenous inhibitor of cAMP-dependent protein kinase. Szmigielski A, et al. **Arch Int Pharmacodyn Ther** 1984 Dec;272(2):205-13

Effects of a fluorinated pyrimidinedione anti-cancer drug, 5-fluoro-1-(tetrahydro-2-furanyl)-2,4-pyrimidinedione (FT), and related compounds on nigro-striatal dopaminergic neurons in the central nervous system. Toide K, et al. **Arch Int Pharmacodyn Ther** 1985 Mar; 274(1):111-24

Dopamine receptor blockade increases glandular kallikrein-like activity in the neurointermediate lobe of the rat pituitary. Powers CA. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):668-72

SCH 23390 may alter dopamine-mediated motor behaviour via striatal D-1 receptors. Boyce S, et al. **Biochem Pharmacol** 1985 May 15;34(10):1665-9

Effects of clonidine, piperoxane and locus coeruleus lesion on the serotonergic and dopaminergic systems in raphe and caudate nucleus. Geyer MA, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3399-404

The effects of dopamine and dopamine agonists on the release of 3H-GABA and 3H-5HT from rat nigral slices. Kelly E, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2655-62

Chronic treatment with clozapine, unlike haloperidol, does not induce changes in striatal D-2 receptor function in the rat. Rupniak NM, et al. **Biochem Pharmacol** 1985 Aug 1; 34(15):2755-63

Dopaminergic supersensitivity follows ferric chloride-induced limbic seizures. Csernansky JG, et al. **Biol Psychiatry** 1985 Jul;20(7):723-33

Dopamine stimulated glycosylation of brain proteins in vitro is inhibited only partially by dopamine receptor antagonists. Lössner B, et al. **Biomed Biochim Acta** 1984;43(6):775-87

The effect of oral fenoldopam (SKF 82526-J), a peripheral dopamine receptor agonist, on blood pressure and renal function in normal man. Harvey JN, et al. **Br J Clin Pharmacol** 1985 Jan;19(1):21-7

Dopamine autoreceptors and the effects of drugs on locomotion and dopamine synthesis. Brown F, et al. **Br J Pharmacol** 1985 Apr;84(4):853-60

Dopexamine: a novel agonist at peripheral dopamine receptors and beta 2-adrenoceptors. Brown RA, et al. **Br J Pharmacol** 1985 Jul;85(3):599-608

Ventilatory stimulation by dopamine-receptor antagonists in the mouse. Olson LG, et al. **Br J Pharmacol** 1985 May; 85(1):133-41

Rapid desensitization of presynaptic dopamine autoreceptors during exposure to exogenous dopamine. Arbilla S, et al. **Brain Res** 1985 Jun 24;337(1):11-7

The possible role of 2-hydroxyestradiol in the development of estrogen-induced striatal dopamine receptor hypersensitivity. Clopton JK, et al. **Brain Res** 1985 Apr 29;333(1):1-10

Effects of pertussis toxin on D2-dopamine receptor in rat striatum: evidence for coupling of Ni regulatory protein with D2-receptor. Fujita N, et al. **Brain Res** 1985 May 6;333(2):231-6

Central dopamine agonist activity on the 8-alpha-amino-ergoline CL 32-085. Fuxe K, et al. **Brain Res** 1985 Mar 4;328(2):325-32

Low doses of apomorphine elicit two opposing influences on dopamine cell electrophysiology. Grace AA, et al. **Brain Res** 1985 May 6;333(2):285-98

Evidence that striatal efferents relate to different dopamine receptors. Herrera-Marschitz M, et al. **Brain Res** 1984 Dec 10;323(2):269-78

Prenatal haloperidol alters striatal dopamine and opiate receptors. Moon SL. **Brain Res** 1984 Dec 3;323(1):109-13

SCH 23390, a selective D1 dopamine receptor blocker, enhances the firing rate of nigral dopaminergic neurons but fails to activate striatal tyrosine hydroxylase. Onali P, et al. **Brain Res** 1985 Aug 5;340(1):1-7

Effect of duration of haloperidol treatment on DA receptor supersensitization in aging C57BL/6J mice. Randall PK, et al. **Brain Res** 1985 Apr 29;333(1):85-95

Electrophysiological evidence for A10 dopamine autoreceptor subsensitivity following chronic D-amphetamine treatment. White FJ, et al. **Brain Res** 1984 Sep 10;309(2):283-92

Regional sensitivity of neuroleptic receptors to sub-acute soman intoxication. Valdes JJ, et al. **Brain Res Bull** 1985 Feb;14(2):117-21

Functional activity in the lateral habenular and dorsal raphe nuclei following administration of several dopamine receptor antagonists. Ramm P, et al. **Can J Physiol Pharmacol** 1984 Dec;62(12):1530-3

Electrostatic potential images of drugs targetting dopamine receptors. Hirono S, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3061-5

Dopamine agonists and Parkinson's disease. Burton K, et al. **Clin Neurol Neurosurg** 1984;86(3):172-7

Dopamine agonists in the treatment of dystonia. Lang AE. **Clin Neuropharmacol** 1985;8(1):38-57 (116 ref.)

Dopamine receptors: effects of chronic L-dopa and bromocriptine treatment in an animal model of Parkinson's disease. Schneider MB, et al. **Clin Neuropharmacol** 1984; 7(3):247-57

Dopamine: receptors and clinical applications. Goldberg LI. **Clin Physiol Biochem** 1985;3(2-3):120-6 (33 ref.)

Metabolism and disposition of the dopaminergic agonist 5-hydroxy-6-methyl-2-di-n-propylaminotetralin in the rat. Koble DL, et al. **Drug Metab Dispos** 1985 May-Jun; 13(3):305-11

Dopaminergic supersensitivity after long-term administration of phenytoin in rats. Lalonde R. **Epilepsia** 1985 Jan-Feb; 26(1):81-4

Effect of dihydroergokryptine administration on serum prolactin and growth hormone levels in normal, hyperprolactinaemic and acromegalic subjects: evidence of potent and long-lasting pituitary dopamine receptor stimulation. Ferrari C, et al. **Eur J Clin Pharmacol** 1985; 27(6):707-11

Guanyl nucleotides decrease antagonist binding at high affinity dopamine receptors. Andorn AC, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):127-31

Interaction of SCH 23390, a D-1-selective antagonist, with the anterior pituitary D-2 receptors and prolactin secretion in the rat. Apud JA, et al. **Eur J Pharmacol** 1985 Jun 7; 112(2):187-93

Differential inhibition by dopamine D-1 and D-2 antagonists of circling behaviour induced by dopamine agonists in rats with unilateral 6-hydroxydopamine lesions. Arnt J, et al. **Eur J Pharmacol** 1984 Jul 13;102(2):349-54

Effects of S (+)-3-phenethyl-PP, a putative dopamine autoreceptors agonist with greater autoreceptor selectivity than 3-PPP enantiomers. Arnt J, et al. **Eur J Pharmacol** 1984 Jun 15;102(1):91-9

An investigation of amphetamine-induced release of 5-HT from rat hippocampal slices. Balfour DJ, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):395-9

N,N-disubstituted 2-aminotetralins are potent D-2 dopamine receptor agonists. Beaulieu M, et al. **Eur J Pharmacol** 1984 Oct 1;105(1-2):15-21

Affinity changes of rat striatal dopamine receptors in vivo after acute bupropion treatment. Bischoff S, et al. **Eur J Pharmacol** 1984 Sep 3;104(1-2):173-6

Evidence of dopamine involvement in the effect of repeated treatment with various antidepressants in the behavioural 'despair' test in rats. Borsini F, et al. **Eur J Pharmacol** 1985 Apr 2;110(2):253-6

(+)- and (-)-3-PPP exhibit different intrinsic activity at striatal dopamine autoreceptors controlling dopamine synthesis. Clark D, et al. **Eur J Pharmacol** 1984 Oct 30; 106(1):185-9

Neuronally mediated contraction responses of guinea-pig stomach smooth muscle preparations: modification by benzamide derivatives does not reflect a dopamine antagonist action. Costall B, et al. **Eur J Pharmacol** 1984 Jun 15;102(1):79-89

Chronic antidepressant administration fails to attenuate apomorphine-induced decreases in rat striatal dopamine metabolites. Diggory GL, et al. **Eur J Pharmacol** 1984 Oct 15;105(3-4):257-63

Evidence for heterogeneous rotational responsiveness to apomorphine, 3-PPP and SKF 38393 in 6-hydroxydopamine-denervated rats. Fenton HM, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):363-72

The effects of phencyclidine and N-allylnormetazocine on midbrain dopamine neuronal activity. Freeman AS, et al. **Eur J Pharmacol** 1984 Sep 17;104(3-4):287-93

Sedation and sleep induced by high doses of apomorphine after blockade of D-1 receptors by SCH 23390. Gessa GL, et al. **Eur J Pharmacol** 1985 Feb 26;109(2):269-74

The yawning-penile erection syndrome as a model for putative dopamine autoreceptor activity. Gower AJ, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):81-9

N-methyl,N-propargyl-2-aminotetralins:novel dopamine agonists with monoamine oxidase inhibiting properties. Hazelhoff B, et al. **Eur J Pharmacol** 1985 Feb 26; 109(2):229-40

Effect of the dopamine D-1 antagonist SCH 23390 on rotational behaviour induced by apomorphine and pergolide in 6-hydroxy-dopamine denervated rats. Herrera-Marschitz M, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):349-54

Dopamine receptor-mediated hypothermia induced in rats by (+)-, but not by (-)-3-PPP. Hjorth S, et al. **Eur J Pharmacol** 1985 Jan 8;107(3):299-304

B-HT 958--an antagonist at alpha 2-adrenoceptors and an agonist at dopamine autoreceptors in the brain. Hörtnagl H, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):335-44

TL 333, a benzhydro[g]quinoline, stimulates both D-1 and D-2 dopamine receptors: implications for the selectivity of LY 141865 towards the D-2 receptor. Itoh Y, et al. **Eur J Pharmacol** 1985 Jan 15;108(1):99-101

Iontophoretic evidence for subsensitivity of postsynaptic dopamine receptors following long-term amphetamine administration. Kamata K, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):393-7

Chronic haloperidol does not alter agonist affinity for dopamine receptors in vitro. Meller E, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):389-94

Dopamine D1-receptor stimulation reduces neostriatal cholecystokinin release. Meyer DK, et al. **Eur J Pharmacol** 1984 Sep 17;104(3-4):387-8

Sniffing, rearing and locomotor responses to the D-1 dopamine agonist R-SK&F 38393 and to apomorphine: differential interactions with the selective D-1 and D-2 antagonists SCH 23390 and metoclopramide. Molloy AG, et al. **Eur J Pharmacol** 1985 Feb 5;108(3):305-8

Hyperprolactinemia fails to increase striatal dopamine receptors in male and female C57BL/6J mice. Morgan DG, et al. **Eur J Pharmacol** 1984 Dec 15;107(1):101-4

Agonist and antagonist effects of 3-PPP enantiomers on functional dopamine autoreceptors and postsynaptic dopamine receptors in vitro. Mulder AH, et al. **Eur J Pharmacol** 1985 Jan 8;107(3):291-7

Dopamine receptors: structure-activity relationship of d-tubocurarine analogues. Nelson SH, et al. **Eur J Pharmacol** 1985 Jan 22;108(2):209-12

Involvement of the D-2 dopamine receptor in the neuroleptic-induced decrease in nigral substance P. Oblin A, et al. **Eur J Pharmacol** 1984 Oct 1;105(1-2):175-7

Identification of the enantiomers of SK&F 83566 as specific and stereoselective antagonists at the striatal D-1 dopamine receptor: comparisons with the D-2 enantioselectivity of Ro 22-1319. O'Boyle KM, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):219-20

The ergolene derivative MPME induces in the rat a behavioural syndrome associated with activation of dopamine D-1 receptors belonging to the dotted type of forebrain dopamine nerve terminals. Ogren SO, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):79-89

Remoxipride, a new potential antipsychotic compound with selective antidopaminergic actions in the rat brain. Ogren SO, et al. **Eur J Pharmacol** 1984 Jul 20;102(3-4):459-74

SCH 23390 and SK&F 83566 are antagonists at vascular dopamine and serotonin receptors. Ohlstein EH, et al. **Eur J Pharmacol** 1985 Jan 22;108(2):205-8

The effects of SCH 23390, YM 09151-2, (+)- and (-)-3-PPP and some classical neuroleptics on D-1 and D-2 receptors in rat neostriatum in vitro. Plantjé JF, et al. **Eur J Pharmacol** 1984 Oct 1;105(1-2):73-83

Striatal dopamine receptor sensitivity after subchronic fencamfamine in the rat. Scavone C, et al. **Eur J Pharmacol** 1985 May 28;112(1):11-6

Effects of iminodibenzyl antipsychotic drugs on cerebral dopamine and alpha-adrenergic receptors. Setoguchi M, et al. **Eur J Pharmacol** 1985 Jun 19;112(3):313-22

Effect of neurotensin, substance P and TRH on the regulation of dopamine receptors in rat brain. Simasko SM, et al. **Eur J Pharmacol** 1984 Nov 27;106(3):653-6

Opposite responses in the striato-nigral substance P system to D1 and D2 receptor activation. Sonsalla PK, et al. **Eur J Pharmacol** 1984 Oct 1;105(1-2):185-7

Reduced sensitivity of synaptosomal dopamine autoreceptors following increase in synaptosomal dopamine synthesis. Tissari AH. **Eur J Pharmacol** 1985 Mar 12;109(3):433-4

In vivo dopamine autoreceptor selectivity appears to be critically dependent upon the aromatic hydroxyl position in a series of N,N-disubstituted 2-aminotetralins. Van Oene JC, et al. **Eur J Pharmacol** 1984 Jun 15;102(1):101-15

Progabide reverses the nigral substance P reduction induced by chronic impairment of dopaminergic transmission. Zivkovic B, et al. **Eur J Pharmacol** 1985 Jun 7;112(2):253-5

The dopamine autoreceptor agonist B-HT 920 markedly stimulates sexual behavior in male rats. Ferrari F, et al. **Experientia** 1985 May 15;41(5):636-8

Gonadotropin secretion before and during acute and chronic dopamine-receptor blockade in insulin-dependent diabetic patients with amenorrhea. Djursing H, et al. **Fertil Steril** 1985 Jul;44(1):49-55

The reversal by metoclopramide of apomorphine-induced inhibition of responses to stimulation of the cardioaccelerator nerves in the cat. Tuncer M. **Indian J Physiol Pharmacol** 1984 Jan-Mar;28(1):15-20

Effects of phospholipids on the specific binding of [3H]spiroperidol to the cholate extract of rat brain synaptic membranes. Moroi K, et al. **Int J Biochem** 1985; 17(5):637-44

Neuronal dopamine receptors of the rabbit ear artery: pharmacological characterization of the receptor. Hieble JP, et al. **J Auton Pharmacol** 1985 Jun;5(2):115-24

Evaluation of the effects of SKF 82526 and LY 171555 on presynaptic (DA2) and postsynaptic (DA1) dopamine receptors in rat kidney. Lokhandwala MF, et al. **J Auton Pharmacol** 1984 Dec;4(4):273-7

Cardiovascular dopamine receptors: recent advances in agonists and antagonists of the DA1-receptor. Berkowitz BA, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 4:S559-63

Neuroinhibitory effects of SK&F 85174, a novel dopamine receptor agonist. Blumberg AL, et al. **J Cardiovasc Pharmacol** 1985 Jul-Aug;7(4):723-32

Alpha 2-agonist activity of the dopamine DA2-agonist LY171555. Cohen ML, et al. **J Cardiovasc Pharmacol** 1984 Nov-Dec;6(6):1245-8

Effect of dopamine and blockade of dopaminergic and adrenergic receptors on coronary blood flow in ischemic rabbit myocardium. Rosolowsky M, et al. **J Cardiovasc Pharmacol** 1985 Jul-Aug;7(4):700-8

Selective peripheral dopamine-1 receptor stimulation with fenoldopam in human essential hypertension. Carey RM, et al. **J Clin Invest** 1984 Dec;74(6):2198-207

Neuroleptic drugs and their action on different neuronal pathways. Ungerstedt U, et al. **J Clin Psychiatry** 1985 Apr; 46(4 Pt 2):34-7

Attenuation by pergolide of haloperidol-induced striatal dopamine receptor density. Koller WC. **J Clin Psychopharmacol** 1984 Dec;4(6):343-5

Differential effects of acute DA receptor blockade with domperidone on LH and TSH release in patients with hyperprolactinemia. Peters JR, et al. **J Endocrinol Invest** 1985 Apr;8(2):163-6

Evidence for dopaminergic regulation of vasopressin release in the anephric rat. Hatzinikolaou P, et al. **J Hypertens** 1984 Jun;2(3):311-5

Synthesis and dopaminergic activity of (R)- and (S)-4-hydroxy-2-(di-n-propylamino)indan. Cannon JG, et al. **J Med Chem** 1985 Apr;28(4):515-8

Resolution of 5,6-dihydroxy-2-(N,N-di-n-propylamino)tetralin in relation to the structural and stereochemical requirements for centrally acting dopamine agonists. Grol CJ, et al. **J Med Chem** 1985 May;28(5):679-83

Novel dopamine receptor agonists and antagonists with preferential action on autoreceptors. Johansson AM, et al. **J Med Chem** 1985 Aug;28(8):1049-53

Synthesis and dopamine autoreceptor activity of a 5-(methylmercapto)methyl-substituted derivative of (+/-)-3-PPP (3-(3-hydroxyphenyl)-1-n-propylpiperidine). Kelly TR, et al. **J Med Chem** 1985 Sep;28(9):1368-71

Octahydrobenzo[g]quinolines: potent dopamine agonists which show the relationship between ergolines and apomorphine. Nordmann R, et al. **J Med Chem** 1985 Mar;28(3):367-75

Pharmacological basis of therapeutics: dopamine receptors. Heikkila RE. **J Med Soc NJ** 1984 Dec;81(12):1084-6

Recurrent neuroleptic malignant syndrome due to tiapride and haloperidol: the possible role of D-2 dopamine receptors. Hermesh H, et al. **J Nerv Ment Dis** 1984 Nov;172(11):692-5

Behavioral and biochemical effects of subchronic treatment with (-)3-(3-hydroxyphenyl)-N-n-propylpiperidine in the rat: dopamine receptor sensitivity and tolerance. Ahlenius S, et al. **J Neural Transm** 1984;60(2):103-13

Postsynaptic dopamine agonistic effects of 3-PPP enantiomers revealed by bilateral 6-hydroxy-dopamine lesions and by chronic reserpine treatment in rats. Arnt J, et al. **J Neural Transm** 1984;60(3-4):205-23

Dopamine-receptor agonists: mechanisms underlying autoreceptor selectivity. I. Review of the evidence. Clark D, et al. **J Neural Transm** 1985;62(1-2):1-52 (168 ref.)

Dopamine receptor agonists: mechanisms underlying autoreceptor selectivity. II. Theoretical considerations. Clark D, et al. **J Neural Transm** 1985;62(3-4):171-207 (69 ref.)

Dopaminergic properties of mesulergine (CU 32-085) and its metabolites. Enz A, et al. **J Neural Transm** 1984;60(3-4):225-38

Hypothesis: bromocriptine lacks intrinsic dopamine receptor stimulating properties. Jackson DM, et al. **J Neural Transm** 1985;62(3-4):219-30 (31 ref.)

Dopamine agonist activity of EMD 23,448. Martin GE, et al. **J Neural Transm** 1985;61(1-2):115-23

Sulpiride blocks postsynaptic dopamine receptors in the nucleus accumbens. Morgenstern R, et al. **J Neural Transm** 1985;61(3-4):151-60

Mesolimbic dopamine function is not altered during continuous chronic treatment of rats with typical or atypical neuroleptic drugs. Rupniak NM, et al. **J Neural Transm** 1985;62(3-4):249-[illegible]

Complete conversion of brain D2 dopamine receptors from the high- to the low-affinity state for dopamine agonists, using sodium ions and guanine nucleotide. Grigoriadis D, et al. **J Neurochem** 1985 Jun;44(6):1925-35

Modulation of anterior pituitary dopamine receptors by estradiol 17-beta: dose-response relationship. Ali SF, et al. **J Neurosci Res** 1985;13(4):497-507

Repeated treatment with amitriptyline reduces immobility in the behavioural 'despair' test in rats by activating dopaminergic and beta-adrenergic mechanisms. Borsini F, et al. **J Pharm Pharmacol** 1985 Feb;37(2):137-8

B-HT 958 stimulates dopamine autoreceptors but blocks noradrenaline autoreceptors in the brain. Grabowska-Andén M, et al. **J Pharm Pharmacol** 1984 Nov;36(11):748-52

Dopamine receptor agonistic activities of R- and S-enantiomers of 4-hydroxy-2-di-n-propylaminoindan in cat hearts. Ilhan M, et al. **J Pharm Pharmacol** 1985 May;37(5):364-5

Effect of dopaminergic drugs on striatal acetylcholine concentration. Sethy VH, et al. **J Pharm Pharmacol** 1985 Jan;37(1):73-4

(3,4-Dihydroxyphenylimino)-2-imidazoline (DPI): a stimulant of alpha-adrenoceptors and dopamine receptors. Struyker-Boudier HA, et al. **J Pharm Pharmacol** 1984 Dec;36(12):859-60

Cis- and trans-4-n-Propyl-1,2,3,4,4a,5,6,10b-octahydrobenzo(f)qui Cannon JG, et al. **J Pharm Sci** 1985 Jun;74(6):672-5

Synthesis and dopaminergic activity of 3-(3,4-dihydroxyphenyl)-1-n-propylpyrrolidine hydrobromide. Crider AM, et al. **J Pharm Sci** 1984 Nov;73(11):1585-7

Synthesis and pharmacological evaluation of aromatic dihydroxylated spiro[indan-1,3'-pyrrolidine] and spiro[indan-2,2'-pyrrolidine] derivatives. Sommerville R, et al. **J Pharm Sci** 1985 May;74(5):553-5

Effects of SK&F 82526 and SK&F 83742 on the renal vascular dopamine receptor. Schmidt M, et al. **J Pharmacol** 1985 Jan-Mar;16(1):15-22

Dopamine agonist-induced locomotor activity in rats treated with 6-hydroxydopamine at differing ages: functional supersensitivity of D-1 dopamine receptors in neonatally lesioned rats. Breese GR, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):447-55

Behavioral differences between neonatal and adult 6-hydroxydopamine-treated rats to dopamine agonists: relevance to neurological symptoms in clinical syndromes with reduced brain dopamine. Breese GR, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):343-54

Relative selectivity of 6,7-dihydroxy-2-dimethylaminotetralin, N-n-propyl-3-(3-hydroxyphenyl)piperidine, N-n-propylnorapomorphine and pergolide as agonists at striatal dopamine autoreceptors and postsynaptic dopamine receptors. Claustre Y, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):519-25

Pharmacological differences between the D-2 autoreceptor and the D-1 dopamine receptor in rabbit retina. Dubocovich ML, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):747-54

Dopamine receptor stimulating and alpha adrenoceptor blocking actions of trans (CS-265) and cis (CS-263) isomers of nonhydroxylated N-propyl octahydrobenzo[F]quinoline. Ilhan M, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):361-6

TL-350, an ergoline derivative with dopamine receptor agonist properties. Ilhan M, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):56-60

Effects of thioridazine and its metabolites on dopaminergic function: drug metabolism as a determinant of the antidopaminergic actions of thioridazine. Kilts CD, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):334-42

Pharmacological analysis of the actions of SKF 82526 on cardiovascular dopamine receptors. Lokhandwala MF, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):337-44

Acute and subchronic effects of MJ-13859, a potential antipsychotic drug, on rat brain dopaminergic function. McMillen BA. **J Pharmacol Exp Ther** 1985 May;233(2):369-75

Inactivation of D1 and D2 dopamine receptors by N-ethoxycarbonyl-2-ethoxy-1,2-dihydroquinoline in vivo: selective protection by neuroleptics. Meller E, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):656-62

Pharmacological characterization of dopamine autoreceptors in the rat ventral tegmental area: microiontophoretic studies. White FJ, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):275-80

Simple method for evaluation of stimulatory effect of drugs on presynaptic dopamine receptors in mice. Watanabe H. **J Pharmacol Methods** 1985 Aug;14(1):41-7

The relationship of dopamine receptor blockade to clinical response in schizophrenic patients treated with pimozide or haloperidol. Silverstone T, et al. **J Psychiatr Res** 1984;18(3):255-68

Comparison of chlorpromazine, haloperidol and pimozide in the treatment of phencyclidine psychosis: DA-2 receptor specificity. Giannini AJ, et al. **J Toxicol Clin Toxicol** 1984-85;22(6):573-9

Effects of methamphetamine on dopamine cells in the substantia nigra pars compacta and the ventral tegmental area. Kamata K, et al. **Jpn J Pharmacol** 1985 Jun;38(2):231-4

Dopamine inhibition of anterior pituitary adenylate cyclase is mediated through the high-affinity state of the D2 receptor. Borgundvaag B, et al. **Life Sci** 1985 Jul 29;37(4):379-86

Reserpine-induced hypothermia and its reversal by dopamine agonists. Danielson TJ, et al. **Life Sci** 1985 Jul 8;37(1):31-8

The putative dopamine autoreceptor agonist B-HT 920 decreases nigral dopamine cell firing rate and prolactin release in rat. Eriksson E, et al. **Life Sci** 1985 May 13;36(19):1819-27

Effects of isomers of apomorphines on dopamine receptors in striatal and limbic tissue of rat brain. Kula NS, et al. **Life Sci** 1985 Sep 16;37(11):1051-7

Dopamine receptor antagonists inhibit the natriuretic response to atrial natriuretic factor (ANF). Marin-Grez M, et al. **Life Sci** 1985 Jun 3;36(22):2171-6

Selective D2 dopamine receptor agonists prevent catalepsy induced by SCH 23390, a selective D1 antagonist. Meller E, et al. **Life Sci** 1985 May 13;36(19):1857-64

Differential effects of chronic clorgyline and amfonelic acid on desensitization of striatal dopamine receptors. Meller E, et al. **Life Sci** 1984 Oct 29;35(18):1829-38

SCH23390 causes persistent antidopaminergic effects in vivo: evidence for longterm occupation of receptors. Schulz DW, et al. **Life Sci** 1985 May 20;36(20):1941-8

Characterization of dopamine receptors mediating inhibition of adenylate cyclase activity in rat striatum. Onali P, et al. **Mol Pharmacol** 1985 Aug;28(2):138-45

Low doses of dopamine agonists in the long-term treatment of macroprolactinomas. Liuzzi A, et al. **N Engl J Med** 1985 Sep 12;313(11):656-9

Striatal dopamine receptor function in morphine-tolerant dependent rats: influence of hypothalamic peptides. Bhargava HN. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:320-6

In vivo and in vitro dopaminergic effects of three ergoline fragments. Koons JC, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Dec;328(2):180-5

SCH 23390 blocks D-1 and D-2 dopamine receptors in rat neostriatum in vitro. Plantjé JF, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Sep;327(2):180-2

The effectiveness of yohimbine in blocking rat central dopamine autoreceptors in vivo. van Oene JC, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Oct;327(4):304-11

Unexpected potentiation by discriminant benzamide derivatives of stereotyped behaviours elicited by dopamine agonists in mice. Vasse M, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Apr;329(2):108-16

Effect of gestational and neonatal styrene exposure on dopamine receptors. Zaidi NF, et al. **Neurobehav Toxicol Teratol** 1985 Jan-Feb;7(1):23-8

The effects of neurotensin and [D-Tyr11]-NT on the hyperactivity induced by intra-accumbens administration of a potent dopamine receptor agonist. Jolicoeur FB, et al. **Neuropeptides** 1985 Apr;6(2):143-56

Cocaine and phencyclidine. Heterogenous dopaminergic interactions with tetrabenazine. Bagchi SP. **Neuropharmacology** 1985 Jan;24(1):37-41

Differential effects of neuroleptic and serotonergic drugs on amphetamine-induced hypothermia in mice. Boschi G, et al. **Neuropharmacology** 1985 Feb;24(2):117-22

S(+)Apomorphines. Selective inhibition of excitatory effects of dopamine injected into the limbic system of the rat. Campbell A, et al. **Neuropharmacology** 1985 May;24(5):391-9

Tolerance to some behavioural effects of lisuride, a dopamine receptor agonist, and reverse tolerance to others, after repeated administration. Carruba MO, et al. **Neuropharmacology** 1985 Mar;24(3):199-206

The continuity of dopamine receptor antagonism can dictate the long-term behavioural consequences of a mesolimbic infusion of dopamine. Costall B, et al. **Neuropharmacology** 1985 Mar;24(3):193-7

Behavioral and biochemical evidence of apomorphine-induced supersensitivity of the striatal dopamine receptors. Deshaies P, et al. **Neuropharmacology** 1984 Oct;23(10):1219-22

Central dopamine receptors mediating pergolide-induced elevation of serum corticosterone in rats. Characterization by the use of antagonists. Fuller RW, et al. **Neuropharmacology** 1984 Dec;23(12A):1389-94

Zetidoline blocks dopamine autoreceptors in the rat substantia nigra. Harris NC, et al. **Neuropharmacology** 1985 Jan;24(1):33-6

Functional evidence for selective dopamine D-1 receptor blockade by SCH 23390. Hyttel J. **Neuropharmacology** 1984 Dec;23(12A):1395-401

Comparative effects of infusions of 6-hydroxydopamine into nucleus accumbens and anterolateral hypothalamus induced by 6-hydroxydopamine on the response to dopamine agonists, body weight, locomotor activity and measures of exploration in the rat. Winn P, et al. **Neuropharmacology** 1985 Jan;24(1):25-31

The role of dopaminergic mechanisms in mediating the central behavioral effects of morphine in rodents. Feigenbaum J, et al. **Neuropsychobiology** 1984;11(2):98-105

Lack of effect of intranigral administration of a dopamine analogue, (+/-)-3-(3-hydroxyphenyl)-N,n-propylpiperidine [(+/-)-3-PPP], on nigrostriatal dopamine neurones. Kelly E, et al. **Neurosci Lett** 1985 May 1;56(1):57-62

Dopamine receptor elevation by cholecystokinin. Dumbrille-Ross A, et al. **Peptides (Fayetteville)** 1984 Nov-Dec;5(6):1207-12

Apomorphine and haloperidol-induced effects on male rat sexual behavior: no evidence for actions due to stimulation of central dopamine autoreceptors. Ahlenius S, et al. **Pharmacol Biochem Behav** 1984 Sep;21(3):463-6

Reduced head-twitch response to quipazine of rats previously treated with methiothepin: possible involvement of dopaminergic system. Dall'Olio R, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):43-8

Dopaminergic agents including 3-PPP and its enantiomers on medial septal self-stimulation. Gower AJ, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):309-15

The D1 dopamine receptor antagonist, SCH 23390 reduces locomotor activity and rearing in rats. Hoffman DC, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):341-2

Increased investigative activity after presynaptic dopaminergic stimulation measured by a fixed-interval recording procedure. Höglund AU, et al. **Pharmacol Biochem Behav** 1985 Mar;22(3):403-6

Dopamine autoreceptor mediation of the effects of apomorphine on serotonin neurons. Lee EH, et al. **Pharmacol Biochem Behav** 1984 Aug;21(2):301-11

Effect of chronic apomorphine on the development of denervation supersensitivity. Robin M, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):547-51

Evidence for a direct dopaminergic effect of lisuride. Schechter MD. **Pharmacol Biochem Behav** 1984 Aug;21(2):185-9

Effects of selective dopamine receptor agonists in rats trained to discriminate apomorphine from saline. Woolverton WL, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):577-81

Tuberohypophyseal and tuberoinfundibular dopamine systems exhibit differential sensitivity to neonatal monosodium glutamate treatment. Dawson R Jr, et al. **Pharmacology** 1985;31(1):17-23

Loxapine and clozapine decrease serotonin (S2) but do not elevate dopamine (D2) receptor numbers in the rat brain. Lee T, et al. **Psychiatry Res** 1984 Aug;12(4):277-85

Similar effect of estradiol and haloperidol on experimental tardive dyskinesia in monkeys. Bédard PJ, et al. **Psychoneuroendocrinology** 1984;9(4):375-9

Effect of estradiol and haloperidol on hypophysectomized rat brain dopamine receptors. Di Paolo T, et al. **Psychoneuroendocrinology** 1984;9(4):399-404

Lidocaine kindling is accompanied by an increase in apomorphine stereotypy and mesolimbic dopamine D2 receptor density. Csernansky JG, et al. **Psychopharmacol Bull** 1985;21(3):707-11

The window of vulnerability in the ontogeny of the dopamine receptor. Miller JC, et al. **Psychopharmacol Bull** 1985; 21(3):683-5

Lisuride, LY-141865, and 8-OH-DPAT facilitate male rat sexual behavior via a non-dopaminergic mechanism. Ahlenius S, et al. **Psychopharmacology (Berlin)** 1984; 83(4):330-4

Differential involvement of dopamine D-1 and D-2 receptors in the circling behaviour induced by apomorphine, SK & F 38393, pergolide and LY 171555 in 6-hydroxydopamine-lesioned rats. Arnt J, et al. **Psychopharmacology (Berlin)** 1985;85(3):346-52

Characterization of the bupropion cue in the rat: lack of evidence for a dopaminergic mechanism. Blitzer RD, et al. **Psychopharmacology (Berlin)** 1985;85(2):173-7

Cocaine: excitatory effects on sensorimotor reactivity measured with acoustic startle. Davis M. **Psychopharmacology (Berlin)** 1985;86(1-2):31-6

Locomotor effects of lisuride: a consequence of dopaminergic and serotonergic actions. Fink H, et al. **Psychopharmacology (Berlin)** 1985;85(4):464-8

Effects of intermittent haloperidol treatment on dopamine receptor sensitivity in guinea pigs. Koller WC. **Psychopharmacology (Berlin)** 1984;84(1):98-100

Dopaminomimetic action of diphenylhydantoin in rat striatum: effect on homovanillic acid and cyclic AMP levels. Lepore V, et al. **Psychopharmacology (Berlin)** 1985; 86(1-2):27-30

Effects of discontinuous drug administration on the development of dopamine receptor supersensitivity during chronic trifluoperazine or cis-flupenthixol administration to rats. Murugaiah K, et al. **Psychopharmacology (Berlin)** 1985;86(1-2):228-32

Differential alterations in striatal dopamine receptor sensitivity induced by repeated administration of clinically equivalent doses of haloperidol, sulpiride or clozapine in rats. Rupniak NM, et al. **Psychopharmacology (Berlin)** 1984; 84(4):512-9

Differential effects of continuous administration for 1 year of haloperidol or sulpiride on striatal dopamine function in the rat. Rupniak NM, et al. **Psychopharmacology (Berlin)** 1984;84(4):503-11

Chronic haloperidol during development attenuates dopamine autoreceptor function in striatal and mesolimbic brain regions of young and older adult rats. Scalzo FM, et al. **Psychopharmacology (Berlin)** 1985;85(3):271-6

Neuroleptic-induced striatal dopamine receptor supersensitivity in mice: relationship to dose and drug. Severson JA, et al. **Psychopharmacology (Berlin)** 1984; 84(1):115-9

The comparative long-term effects of ciladopa (AY-27,110), a chemically novel dopaminergic agonist, in 6-OHDA-lesioned and intact rats. Voith K. **Psychopharmacology (Berlin)** 1985;85(4):405-9

Differential effects of dopamine D-1 and D-2 agonists and antagonists in 6-hydroxydopamine-lesioned rats. Arnt J. **Psychopharmacology [Suppl]** 1985;2:60-1

Intermittent treatment with droperidol, a short-acting neuroleptic, increases behavioral dopamine receptor sensitivity. Belmaker RH, et al. **Psychopharmacology [Suppl]** 1985;2:194-9

Pharmacological properties of presynaptic dopamine receptor agonists. Carlsson A. **Psychopharmacology [Suppl]** 1985;2:31-8

Pharmacological differentiation of dopamine D-1 and D-2 antagonists after single and repeated administration. Christensen AV, et al. **Psychopharmacology [Suppl]** 1985; 2:182-90

Differential alteration of striatal D-1 and D-2 receptors induced by the long-term administration of haloperidol, sulpiride or clozapine to rats. Jenner P, et al. **Psychopharmacology [Suppl]** 1985;2:174-81

Induction and reversal of dopamine dyskinesia in rat, cat, and monkey. Lloyd KG, et al. **Psychopharmacology [Suppl]** 1985;2:200-10

Influence of GABA mimetics and lithium on biochemical manifestations of striatal dopamine target cell hypersensitivity. Scatton B, et al. **Psychopharmacology [Suppl]** 1985;2:39-45

Functional classification of different dopamine receptors. Ungerstedt U, et al. **Psychopharmacology [Suppl]** 1985; 2:19-30

Activation of accumbal and striatal dopamine autoreceptors by some ergoline derivatives. Gundlach AL, et al. **Res Commun Chem Pathol Pharmacol** 1985 Apr; 48(1):149-52

1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) induced dopamine D2 receptor hypersensitivity in the mouse is transient. Peroutka SJ, et al. **Res Commun Chem Pathol Pharmacol** 1985 May; 48(2):163-71

Effect of dopamine and dopamine-receptor blockade on in vitro renin release, tissue renin content and tissue cyclic AMP content in the rat. López GA, et al. **Rev Esp Fisiol** 1985 Mar;41(1):95-100

Studies on interactions between striatal dopaminergic and cholinergic mechanisms in the early abstinence after chronic treatment with barbital in the rat. Persson SA, et al. **Subst Alcohol Actions Misuse** 1984;5(3):149-57

Ascorbic acid effect on ethanol sensitivity via possible dopaminergic mediation. Yanai J, et al. **Subst Alcohol Actions Misuse** 1984;5(4):169-74

Effect of lead exposure on dopaminergic D2 receptor binding in the 21-day-old rat. Winder C, et al. **Toxicol Lett** 1985 Feb-Mar;24(2-3):209-14

[Effect of l-stepholidine on rotational behavior in rats] Shi WX, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec; 5(4):222-5 (Eng. Abstr.) **(Chi)**

[Effect of l-stepholidine on rotational behavior in rats] Shi WX, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec; 5(4):222-5 (Eng. Abstr.) **(Chi)**

[Acute hypotensive effect of a central dopaminergic agonist, piribedil, administered intravenously in the normotensive human] Ziegler M, et al. **Arch Mal Coeur** 1984 Oct; 77(11):1186-90 (Eng. Abstr.) **(Fre)**

[Dopamine antagonists and their mechanism of action] Yamada K, et al. **Nippon Rinsho** 1984 Apr;42(4):808-14 (24 ref.) **(Jpn)**

[Effect of dopaminergic agents on the endocrine profile in labor and early puerperium] Kubota T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jun;37(6):945-54 (Eng. Abstr.) **(Jpn)**

[Effects of psychotropic drugs on lateral hypothalamic self-stimulation behavior in rats: correlation between self-stimulation behavior inhibition and striatal dopaminergic blockade by neuroleptic drugs] Fukuda T, et al. **Nippon Yakurigaku Zasshi** 1984 Jun;83(6):485-96 (Eng. Abstr.) **(Jpn)**

[Continuous suppression of methamphetamine-induced supersensitivity by chronic haloperidol administration] Kashihara K, et al. **Seishin Shinkeigaku Zasshi** 1984; 86(11):928-32 **(Jpn)**

[Neuroleptic-induced dopaminergic supersensitivity following intermittent and continuous haloperidol administrations in rats] Sato M, et al. **Seishin Shinkeigaku Zasshi** 1984;86(10):841-4 **(Jpn)**

[Effect of bromocriptine on prolactin secretion after dopaminergic receptor blockade with metoclopramide in patients with prostatic cancer treated with estrogens] Baranowska B, et al. **Endokrynol Pol** 1984;35(4):211-7 (Eng. Abstr.) **(Pol)**

[Practical aspects of the peripheral dopaminolytic effect of metoclopramide] Misterek K, et al. **Pol Tyg Lek** 1984 Dec 17-31;39(51-52):1727-30 (41 ref.) **(Pol)**

[Action of etmozin and ethacizin on dopaminergic adenylate cyclase of the striate system of the brain] Baldenkov GN, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):448-50 (Eng. Abstr.) **(Rus)**

[Effect of carbidine on the dopamine and serotonin receptors of the central nervous system] Zharkovskiĭ AM, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):700-2 (Eng. Abstr.) **(Rus)**

[Effect of repeated haloperidol and apomorphine administration on the development of tolerance for catalepsy and dopamine receptor hypersensitivity in mice] Zharkovskiĭ AM, et al. **Biull Eksp Biol Med** 1984 Oct; 98(10):444-6 (Eng. Abstr.) **(Rus)**

[Role of serotonin and dopamine receptors in the mechanism of action of haloperidol and pirenperone] Maimets MO, et al. **Farmakol Toksikol** 1985 Mar-Apr;48(2):15-8 (Eng. Abstr.) **(Rus)**

[Akathisia as an adverse effect in the treatment with antiemetics] Underskog I. **Lakartidningen** 1985 Feb 27; 82(9):713 **(Swe)**

GENETICS

Messenger RNA from rat brain induces noradrenaline and dopamine receptors in Xenopus oocytes. Sumikawa K, et al. **Proc R Soc Lond [Biol]** 1984 Dec 22;223(1231):255-60

ISOLATION & PURIFICATION

Characterization of cholate-solubilized dopamine receptors from human, dog and rat brain. Wouters W, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):4039-44

Partial purification of dopamine D2 receptors using lectin affinity columns. Abbott WM, et al. **Biosci Rep** 1985 Apr; 5(4):303-8

Separation of dopamine D1 and D2 receptors. Dumbrille-Ross A, et al. **Eur J Pharmacol** 1985 Mar 26; 110(1):151-2

A brain synaptic dopamine-binding protein: isolation and partial characterization. Moroi K, et al. **J Neurosci Res** 1984;12(1):113-28

Properties of rat striatal D-2 dopamine receptors solubilized with the zwitterionic detergent CHAPS. Kilpatrick GJ, et al. **J Pharm Pharmacol** 1985 May;37(5):320-8

Dopamine D2 receptors photolabeled by iodo-azido-clebopride. Niznik HB, et al. **Neurosci Lett** 1985 Apr 19;55(3):267-72

METABOLISM

Age-related changes in rat brain dopaminergic receptors. Petkov VV, et al. **Acta Physiol Pharmacol Bulg** 1984; 10(4):16-27

Computer-assisted morphometry and microdensitometry of transmitter- identified neurons with special reference to the mesostriatal dopamine pathway. Methodological aspects. Agnati LF, et al. **Acta Physiol Scand [Suppl]** 1984; 532:5-36

Studies on aging processes. Agnati LF, et al. **Acta Physiol Scand [Suppl]** 1984;532:45-61

Discrete regional distribution of biochemical markers for the dopamine, noradrenaline, serotonin, GABA and acetylcholine systems in the monkey brain (Cebus Apella). Effects of stress. Häggström JE, et al. **Acta Physiol Scand [Suppl]** 1984;534:1-27

Molecular regulatory mechanism of D2 dopamine receptor in the bovine striatum. Tanaka C, et al. **Adv Exp Med Biol** 1984;175:75-84

Jejunal-ileal differences in dopaminergic but not alpha-adrenergic antisecretory effects. Wahawisan R, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G332-6

Photoaffinity labeling of D-2 dopamine binding subunits from rat striatum, anterior pituitary and olfactory bulb with a new probe, [3H]azidosulpride. Redouane K, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1086-92

Specific in vitro and in vivo binding of 3H-raclopride. A potent substituted benzamide drug with high affinity for dopamine D-2 receptors in the rat brain. Köhler C, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2251-9

Conversion of dopamine D1 receptors from high to low affinity for dopamine. Seeman P, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):151-4

Dependence of dopamine receptor conversion from agonist high- to low-affinity state on temperature and sodium ions. Watanabe M, et al. **Biochem Pharmacol** 1985 Jul 15; 34(14):2459-63

Photoaffinity labeling of human brain dopamine receptors. Wouters W, et al. **Biochem Pharmacol** 1984 Nov 1; 33(21):3517-20

Mapping brain neuroleptic receptors in the live baboon. Arnett CD, et al. **Biol Psychiatry** 1984 Oct;19(10):1365-75

Dopamine receptor rhythms [letter] Wirz-Justice A. **Biol Psychiatry** 1984 Aug;19(8):1274-6

Selective effects of thiol reagents on the binding sites for imipramine and neurotransmitter amines in the rat brain. Biassoni R, et al. **Br J Pharmacol** 1985 Jun;85(2):447-56

Dopamine D-2 receptors in rat caudate-putamen: the lateral to medial gradient does not correspond to dopaminergic innervation. Joyce JN, et al. **Brain Res** 1985 Jul 15; 338(2):209-18

An in vivo model for dissociating alpha 2-and DA2-adrenoceptor activity in an ocular adnexa: utility of the cat nictitating membrane preparation. Potter DE, et al. **Curr Eye Res** 1984 Nov;3(11):1289-98

The functional state of the dopamine receptor in the anterior pituitary is in the high affinity form. George SR, et al. **Endocrinology** 1985 Aug;117(2):690-7

Interaction of dopamine receptor ligands with subtypes of the opiate receptor. Boublik JH, et al. **Eur J Pharmacol** 1984 Dec 15;107(1):11-6

Striatal synaptosomal dopamine synthesis: evidence against direct regulation by an autoreceptor mechanism. Compton DR, et al. **Eur J Pharmacol** 1985 Apr 2;110(2):157-62

Selective D-1 dopamine receptor increase following chronic treatment with SCH 23390. Creese I, et al. **Eur J Pharmacol** 1985 Feb 12;109(1):127-8

Competitive inhibition of [3H]spiperone binding to D-2 dopamine receptors in striatal homogenates by organic calcium channel antagonists and polyvalent cations. De Vries DJ, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):133-9

Magnesium ions reveal nanomolar potency of dopamine at [3H]spiperone labelled D-2 receptors in rat corpus striatum. De Vries DJ, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):417-9

Effects of a luteinizing hormone-releasing hormone analog on the growth of estrogen-induced prolactin-secreting rat pituitary tumors and its influence on their dopamine receptors. Di Paolo T, et al. **Eur J Pharmacol** 1984 Jul 13;102(2):383-4

Some in vitro receptor binding properties of [3H]eticlopride, a novel substituted benzamide, selective for dopamine-D2 receptors in the rat brain. Hall H, et al. **Eur J Pharmacol** 1985 May 8;111(2):191-9

The binding of [3H]N-(chloroethyl)-norapomorphine to rat striatal membranes. Kilpatrick GJ, et al. **Eur J Pharmacol** 1984 Dec 15;107(1):71-8

Kinetic and pharmacological profiles of the in vitro binding of the potent dopamine agonist [3H]N,N-dipropyl-5,6-dihydroxy-2-aminotetralin to rat striatal membranes. Mulder TB, et al. **Eur J Pharmacol** 1985 May 28;112(1):73-9

A dopamine D2 receptor photolabel: azidoclebopride. Niznik HB, et al. **Eur J Pharmacol** 1984 Sep 17;104(3-4):389-90

Loss of rat striatal dopamine receptors with ageing is selective for D-2 but not D-1 sites: association with increased non-specific binding of the D-1 ligand [3H]piflutixol. O'Boyle KM, et al. **Eur J Pharmacol** 1984 Oct 1;105(1-2):171-4

Autoradiographic localization of D1 dopamine receptors in the rat brain with [3H]SKF 38393. Scatton B, et al. **Eur J Pharmacol** 1985 Apr 23;111(1):145-6

[3H]SCH23390 has the characteristics of a dopamine receptor ligand in the rat central nervous system. Schulz DW, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):211-2

The use of [3H](-)-DO 710 as selective dopaminergic ligand for binding and autoradiographic studies. Sokoloff P, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):243-51

Quantification of in vivo spiperone binding in the rat striatum after lesions produced by kainate or decortication. Van der Werf JF, et al. **Eur J Pharmacol** 1984 Jul 20; 102(3-4):387-99

A novel radioiodinated high affinity ligand for the

D2-dopamine receptor. Characterization of its binding in bovine anterior pituitary membranes. Amlaiky N, et al. **FEBS Lett** 1984 Oct 29;176(2):436–40

Agonist interactions with dopamine receptors: focus on radioligand-binding studies. Creese I, et al. **Fed Proc** 1984 Oct;43(13):2779–84 (31 ref.)

Presence of high affinity dopamine receptors in estrone-induced, prolactin-secreting rat pituitary adenomas: a model for human prolactinomas. Eljarmak D, et al. **Horm Res** 1985;21(2):107–16

Effects of alloxan-induced diabetes on dopaminergic receptors in rat striatum and anterior pituitary. Serri O, et al. **Horm Res** 1985;21(2):95–101

Dopamine receptors in a human colonic cancer cell line (HT29). Some receptor-related biological effects of dopamine. Scemama JL, et al. **Int J Cancer** 1984 Nov 15; 34(5):675–9

Photoaffinity labeling of the D2-dopamine receptor using a novel high affinity radioiodinated probe. Amlaiky N, et al. **J Biol Chem** 1985 Feb 25;260(4):1983–6

Comparative anatomo-functional imaging of two neuroreceptors and glucose metabolism: a PET study performed in the living baboon. Larson SM, et al. **J Comput Assist Tomogr** 1985 Jul–Aug;9(4):676–81

Opiate and dopamine stimulate different GTPase in striatum: evidence for distinct modulatory mechanisms of adenylate cyclase. Tirone F, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(4):327–39

The pKa of butaclamol and the mode of butaclamol binding to central dopamine receptors. Chrzanowski FA, et al. **J Med Chem** 1985 Mar;28(3):399–400

Synthesis of 4-substituted 2H-naphth[1,2-b]-1,4-oxazines, a new class of dopamine agonists. Jones JH, et al. **J Med Chem** 1984 Dec;27(12):1607–13

Novel photoaffinity label for the dopamine D2 receptor: synthesis of 4-azido-5-iodo-2-methoxy-N-[1-(phenylmethyl)-4-piper benzamide (iodoazidoclebopride, IAC) and the corresponding 125I-labeled analogue (125IAC). Neumeyer JL, et al. **J Med Chem** 1985 Apr;28(4):405–7

C(2)-Methylation abolishes DA1 dopamine agonist activity of 2-amino-6,7-dihydroxy-1,2,3,4-tetrahydronaphthalene (6,7-ADTN): steric intolerance by the receptor. Nichols DE, et al. **J Med Chem** 1984 Dec;27(12):1701–5

Resolved monophenolic 2-aminotetralins and 1,2,3,4,4a,5,6,10b-octahydrobenzo[f]quinolines: structural and stereochemical considerations for centrally acting pre- and postsynaptic dopamine-receptor agonists. Wikström H, et al. **J Med Chem** 1985 Feb;28(2):215–25

[3H]205-501, a non-catechol dopaminergic agonist, labels selectively and with high affinity dopamine D2 receptors. Closse A, et al. **J Neural Transm** 1985;62(3–4):231–48

Specific in vivo binding of 3H-spiperone to individual lobes of the pituitary gland of the rat. Evidence for the labelling of dopamine receptors. Köhler C, et al. **J Neural Transm** 1985;63(1):39–52

Effect of iron chelators on dopamine D2 receptors. Ben-Shachar D, et al. **J Neurochem** 1985 Oct; 45(4):999–1005

D2 dopamine receptors in calf globus pallidus: agonist high- and low-affinity sites not regulated by guanine nucleotide. De Keyser J, et al. **J Neurochem** 1985 Sep;45(3):977–9

Dopamine D2 receptors in the anterior pituitary: a single population without reciprocal antagonist/agonist states. George SR, et al. **J Neurochem** 1985 Apr;44(4):1168–77

Occupation of dopamine receptors by N-n-propylnorapomorphine or spiperone and acetylcholine levels in the rat striatum. Korf J, et al. **J Neurochem** 1985 Jan;44(1):314–8

High- and low-affinity states of striatal D2 receptors are not affected by 6-hydroxydopamine or chronic haloperidol treatment. MacKenzie RG, et al. **J Neurochem** 1984 Nov; 43(5):1310–8

Drug potencies on partially purified brain D2 dopamine receptors. Madras BK, et al. **J Neurochem** 1985 Mar; 44(3):856–61

Dopamine autoreceptor stimulation increases protein carboxyl methylation in striatal slices. Wolf ME, et al. **J Neurochem** 1985 Jan;44(1):291–8

Estimation of the apparent affinity of the striatal dopamine receptors for the radioligand[3H]spiperone [(3H]spiroperidol). Hruska RE. **J Neurosci Res** 1984; 12(4):571–81

Murine lymphocytes lack clearly defined receptors for muscarinic and dopaminergic ligands. Wazer DE, et al. **J Pharm Pharmacol** 1984 Dec;36(12):853–4

Computer imaging and analysis of dopamine (D2) and serotonin (S2) binding sites in rat basal ganglia or neocortex labeled by [3H]spiroperidol. Altar CA, et al. **J Pharmacol Exp Ther** 1985 May;233(2):527–38

Effects of metyrapone on the pharmacological activity, plasma levels and urinary excretion of the dopamine receptor agonist DK-118. Koons JC, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):51–7

Selectivity of (+)-4-propyl-9-hydroxynaphthoxazine [(+)-PHNO] for dopamine receptors in vitro and in vivo. Martin GE, et al. **J Pharmacol Exp Ther** 1985 May; 233(2):395–401

D-2 dopamine receptors in aging mouse striatum: determination of high- and low-affinity agonist binding sites. Severson JA, et al. **J Pharmacol Exp Ther** 1985 May; 233(2):361–8

A dopaminergic receptor modulates catecholamine release from the cat adrenal gland. Artalejo AR, et al. **J Physiol (Lond)** 1985 May;362:359–68

The dissociation rate of unlabelled dopamine antagonists and agonists from the dopamine-D2 receptor, application of an original filter method. Leysen JE, et al. **J Recept Res** 1984;4(7):817–45

Interaction of non-steroidal antiestrogens with dopamine receptor binding. Hiemke C, et al. **J Steroid Biochem** 1984 Dec;21(6):663–7

Dopaminergic receptor supersensitivity in self-mutilatory behaviour of Lesch-Nyhan disease [letter] Casas-Bruge M, et al. **Lancet** 1985 Apr 27;1(8435):991–2

Hyperactivity induced by stimulation of separate dopamine D-1 and D-2 receptors in rats with bilateral 6-OHDA lesions. Arnt J. **Life Sci** 1985 Aug 26;37(8):717–23

Characterization of the binding of 3H-SCH 23390, a selective D-1 receptor antagonist ligand, in rat striatum. Billard W, et al. **Life Sci** 1984 Oct 29;35(18):1885–93

Binding of a novel dopaminergic agonist radioligand [3H]-fenoldopam (SKF 82526) to D-1 receptors in rat striatum. Flaim KE, et al. **Life Sci** 1985 Apr 15; 36(15):1427–36

125I-Spiperone: a novel ligand for D2 dopamine receptors. Gundlach AL, et al. **Life Sci** 1984 Nov 5;35(19):1981–8

Effect of aging on recovery of striatal dopamine receptors following N-ethoxycarbonyl-2-ethoxy-1, 2-dihydroquinoline (EEDQ) blockade. Henry JM, et al. **Life Sci** 1984 Aug 20;35(8):899–904

D-2 dopamine receptors in the frontal cortex of rat and human. Liskowsky DR, et al. **Life Sci** 1985 Apr 22; 36(16):1551–9

Dihydroergotoxine decreases blood pressure in spontaneously hypertensive rats by interacting with peripheral dopamine receptors. Memo M, et al. **Life Sci** 1985 Apr 22;36(16):1515–22

Specific in vivo binding of 77Br-brombenperidol in rat brain. Moerlein SM, et al. **Life Sci** 1984 Sep 24;35(13):1357–63

Dopamine receptors in the guinea-pig heart. A binding study. Sandrini M, et al. **Life Sci** 1984 Oct 29;35(18):1839–49

Two dopamine receptors: biochemistry, physiology and pharmacology. Stoof JC, et al. **Life Sci** 1984 Dec 3; 35(23):2281–96 (142 ref.)

Distinctions between ligand-binding sites for [3H]dopamine and D2 dopaminergic receptors characterized with [3H]spiroperidol. Hancock AA, et al. **Mol Pharmacol** 1984 Nov;26(3):439–51

Interactions of dopaminergic agonists and antagonists with dopaminergic D3 binding sites in rat striatum. Evidence that [3H]dopamine can label a high affinity agonist-binding state of the D1 dopamine receptor. Leff SE, et al. **Mol Pharmacol** 1985 Feb;27(2):184–92

Interactions of dopamine agonists with brain D1 receptors labeled by 3H-antagonists. Evidence for the presence of high and low affinity agonist-binding states. Leff SE, et al. **Mol Pharmacol** 1985 Feb;27(2):171–83

[3H]Ro 22-1319 (piquindone) binds to the D2 dopaminergic receptor subtype in a sodium-dependent manner. Nakajima T, et al. **Mol Pharmacol** 1984 Nov;26(3):430–8

A photoaffinity ligand for dopamine D2 receptors: azidoclebopride. Niznik HB, et al. **Mol Pharmacol** 1985 Feb;27(2):193–9

Further characterization of structural requirements for agonists at the striatal dopamine D2 receptor and a comparison with those at the striatal dopamine D1 receptor. Studies with a series of monohydroxyaminotetralins on acetylcholine release from rat striatum. Seiler MP, et al. **Mol Pharmacol** 1984 Nov; 26(3):452–7

The ternary complex model. Its properties and application to ligand interactions with the D2-dopamine receptor of the anterior pituitary gland. Wreggett KA, et al. **Mol Pharmacol** 1984 Sep;26(2):214–27

Dopamine D2 receptors selectively labeled by a benzamide neuroleptic: [3H]-YM-09151-2. Niznik HB, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jun; 329(4):333–43

3H-(-)DO 710 discriminates guanine nucleotide sensitive and insensitive dopamine binding sites. Sokoloff P, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 May; 329(3):236–43

Characterization of dopamine and alpha-adrenergic receptors in human prolactin-secreting adenomas with [3H]-dihydroergocryptine. Ramsdell JS, et al. **Neuroendocrinology** 1985 Jun;40(6):518–25

Hyperthermia after discontinuance of levodopa and bromocriptine therapy: impaired dopamine receptors a possible cause. Figà-Talamanca L, et al. **Neurology** 1985 Feb;35(2):258–61

Binding of [3H]apomorphine to an aporphine binding site as well as to dopamine sites in tissue from bovine caudate nucleus. Arana GW, et al. **Neuropharmacology** 1984 Aug; 23(8):885–92

Heterogeneous distribution of dopamine D2 receptors within the rat striatum as revealed by autoradiography of [3H]N-n-propylnorapomorphine binding sites. Dubois A, et al. **Neurosci Lett** 1985 Jun 4;57(1):7–12

Striatal topography of D-2 receptors correlates with indexes of cholinergic neuron localization. Joyce JN, et al. **Neurosci Lett** 1985 Jan 7;53(1):127–31

Autoradiographic localization of [3H]buspirone binding sites in rat brain. Kaulen P, et al. **Neurosci Lett** 1985 Jan 21; 53(2):191–5

Mesolimbic and striatal dopamine receptor supersensitivity: prophylactic and reversal effects of L-prolyl-L-leucyl-glycinamide (PLG). Chiu P, et al. **Peptides (Fayetteville)** 1985 Mar–Apr;6(2):179–83

Substituted benzamides as ligands for visualization of dopamine receptor binding in the human brain by positron emission tomography. Farde L, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3863–7

Parkinsonism-inducing neurotoxin, N-methyl-4-phenyl-1,2,3,6 -tetrahydropyridine: uptake of the metabolite N-methyl-4-phenylpyridine by dopamine neurons explains selective toxicity. Javitch JA, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2173–7

Dopamine receptor binding of C-11-3-N-methylspiperone in the caudate in schizophrenia and bipolar disorder: a preliminary report. Wong DF, et al. **Psychopharmacol Bull** 1985;21(3):595–8

Chemical and structural changes in the brain in patients with movement disorder. Cross AJ, et al. **Psychopharmacology [Suppl]** 1985;2:104–10

Receptor-binding profiles of neuroleptics. Hyttel J, et al. **Psychopharmacology [Suppl]** 1985;2:9–18

Brain dopamine receptors in schizophrenia and tardive dyskinesia. Seeman P. **Psychopharmacology [Suppl]** 1985; 2:1–8

Effects of age on dopamine and serotonin receptors measured by positron tomography in the living human brain. Wong DF, et al. **Science** 1984 Dec 21;226(4681):1393–6

[The affinity of aromatic fluoride derivatives of phenothiazine neuroleptics to spiroperidol binding sites of dopamine receptors by the radioligand technic in vitro] Oelssner W Jr, et al. **Pharmazie** 1985 May;40(5):341–2 (Eng. Abstr.) (Ger)

[Developmental patterns of dopaminergic neurons in dissociated cultures of the substantia nigra from mouse embryos] Viktorov IV, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):729–31 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

SCH 23390, a selective dopamine D1 antagonist, activates dopamine neurons but fails to prevent their inhibition by apomorphine. Mereu G, et al. **Eur J Pharmacol** 1985 May 20;111(3):393–6

PHYSIOLOGY

Further evidence for the existence of interactions between receptors for dopamine and neurotensin. Dopamine reduces the affinity and increases the number of [3H]-neurotensin binding sites in the subcortical limbic forebrain of the rat. Agnati LF, et al. **Acta Physiol Scand** 1985 May; 124(1):125–8

Further studies on renal nerve stimulation induced release of noradrenaline and dopamine from the canine kidney in situ. Bradley T, et al. **Acta Physiol Scand** 1984 Nov; 122(3):369–79

Dual regulation of adenylate cyclase activity and hormone release in the intermediate lobe of the rat pituitary gland: evidence for the involvement of membrane components of the stimulatory beta 2-adrenergic system and of the inhibitory D-2 dopaminergic system. Cote TE, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:151–67

Dopamine receptors and hypertension. Physiologic and pharmacologic implications. Goldberg LI. **Am J Med** 1984 Oct 5;77(4A):37–44 (61 ref.)

Opiatergic and dopaminergic function and Lesch-Nyhan syndrome [letter] Gillman MA, et al. **Am J Psychiatry** 1985 Oct;142(10):1226

On the role of dopamine receptors in aldosterone secretion. Frisina N, et al. **Ann Endocrinol (Paris)** 1984;45(6):387–91

Prejunctional dopamine receptors modulate twitch responses to parasympathetic nerve stimulation in the rabbit isolated rectococcygeus muscle. Drew GM, et al. **Br J Pharmacol** 1984 Dec;83(4):871–81

Vasomotor responses of cerebral arterioles in situ to putative dopamine receptor agonists. Edvinsson L, et al. **Br J Pharmacol** 1985 Jun;85(2):403–10

Dopamine receptors regulate Met-enkephalin content in pituitary. George SR, et al. **Brain Res** 1985 May 13; 334(1):187–9

In vivo voltammetric and behavioural evidence for somatodendritic autoreceptor control of mesolimbic dopamine neurones. Maidment NT, et al. **Brain Res** 1985 Jul 15;338(2):317–25

Dopamine D2 receptor agents, but not dopamine D1, modify brain glucose metabolism. Palacios JM, et al. **Brain Res** 1985 Feb 18;327(1–2):390–4

Autoreceptor-mediated changes in dopaminergic terminal excitability: effects of striatal drug infusions. Tepper JM, et al. **Brain Res** 1984 Sep 10;309(2):317–33

Effect of dopamine receptor blockade or norepinephrine synthesis inhibition on acute, ovariectomy-induced increases in pulsatile luteinizing hormone release in the rat. Leipheimer RE, et al. **Brain Res Bull** 1984 Aug; 13(2):235–40

Transplantation of dopamine-containing tissues to the central nervous system. Hoffer B, et al. **Clin Neurosurg** 1983; 31:404–16

Interaction between serotonergic and dopaminergic systems

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detected in striatum by differential pulse voltammetry. De Simoni MG, et al. **Eur J Pharmacol** 1985 Apr 2; 110(2):289-90

Differential effects on phrenic output of two dopamine agonists, apomorphine and bromocriptine. Nielsen AM, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):69-78

Opposing roles for D-1 and D-2 dopamine receptors in regulating the excitability of growth hormone-producing cells in the snail Lymnaea stagnalis. Stoof JC, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):431-5

The supersensitivity of dopaminergic neurons to apomorphine in rats following chronic haloperidol. Vogelsang GD, et al. **Eur J Pharmacol** 1985 Apr 2; 110(2):267-9

A physiological role for dopamine as modulator of GABA effects in substantia nigra: supersensitivity in 6-hydroxydopamine-lesioned rats. Waszczak BL, et al. **Eur J Pharmacol** 1984 Oct 15;105(3-4):369-73

Effects of dopamine receptor stimulation on opiate-induced modifications of pituitary-gonadal function. Vescovi PP, et al. **Horm Res** 1985;21(3):155-9

The role of adrenergic and dopamine receptors. Goldberg LI, et al. **Hosp Pract [Off]** 1985 Jun 15;20(6):67-80

The pathophysiology of tardive dyskinesia. Klawans HL, et al. **J Clin Psychiatry** 1985 Apr;46(4 Pt 2):38-41

Development of dopamine autoreceptors in the postnatal rat brain. Hedner T, et al. **J Neural Transm** 1985;62(1-2):53-63

Inhibition of the electrically evoked release of [3H]acetylcholine in rat striatal slices: an experimental model for drugs that enhance dopaminergic neurotransmission. Baud P, et al. **J Neurochem** 1985 Feb; 44(2):331-7

Tuberoinfundibular dopaminergic system and anterior pituitary dopamine receptor in Shy-Drager syndrome. Konagaya Y, et al. **J Neurol Sci** 1985 Jan;67(1):93-103

Pharmacological properties of dopamine receptors in rat submandibular gland cells. Murakami H, et al. **J Nihon Univ Sch Dent** 1984 Dec;26(4):301-9

The dopaminergic system in the periphery. Schwartz J. **J Pharmacol** 1984 Oct-Dec;15(4):401-14 (58 ref.)

Neuronal and postjunctional components in the blood pressure effects of dopamine and bromocriptine in rabbits. Ensinger H, et al. **J Pharmacol Exp Ther** 1985 Sep; 234(3):681-90

Inhibition by 5,6-dihydroxy-2-dimethylaminotetralin (M7) of noradrenergic neurotransmission in the rabbit hypothalamus: role of alpha-2 adrenoceptors and of dopamine receptors. Galzin AM, et al. **J Pharmacol Exp Ther** 1985 May;233(2):459-65

Comparison of the cardiovascular actions of dopamine and epinine in the dog. Itoh H, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):87-93

Dopamine regulation of [3H]acetylcholine release from guinea-pig stomach. Kusunoki M, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):713-9

Evidence for autoreceptor modulation of endogenous dopamine release from rabbit caudate nucleus in vitro. Parker EM, et al. **J Pharmacol Exp Ther** 1985 Feb; 232(2):492-500

Dopamine receptors: functions, subtypes and emerging concepts. Kaiser C, et al. **Med Res Rev** 1985 Apr-Jun; 5(2):145-229 (776 ref.)

D2-dopamine receptor-mediated inhibition of cyclic AMP formation in striatal neurons in primary culture. Weiss S, et al. **Mol Pharmacol** 1985 Jun;27(6):595-9

Regional analysis of neostriatal cholinergic and dopaminergic receptor binding and tyrosine hydroxylase activity as a function of aging. Strong R, et al. **Neurochem Res** 1984 Nov;9(11):1641-52

Regulation of dopamine release by impulse flow and by autoreceptors as studied by in vivo voltammetry in the rat striatum. Gonon FG, et al. **Neuroscience** 1985 Mar; 14(3):765-74

Neonatal-6-hydroxydopamine treatment: model of susceptibility for self-mutilation in the Lesch-Nyhan syndrome. Breese GR, et al. **Pharmacol Biochem Behav** 1984 Sep;21(3):459-61

Association of spontaneous and dopaminergic-induced yawning and penile erections in the rat. Holmgren B, et al. **Pharmacol Biochem Behav** 1985 Jan;22(1):31-5

Systematic comparison of apomorphine-induced behavioral changes in two mouse strains with inherited differences in brain dopamine receptors. Seale TW, et al. **Pharmacol Biochem Behav** 1984 Aug;21(2):237-44

Normal and abnormal determinants of dopamine receptor ontogeny in the central nervous system. Feigenbaum JJ, et al. **Prog Neurobiol** 1984;23(3):191-225 (117 ref.)

Changes in rat dopamine- and serotonin function in vivo after prolonged administration of the specific 5-HT uptake inhibitor, citalopram. Arnt J, et al. **Psychopharmacology (Berlin)** 1984;84(4):457-65

Changes in dopamine receptor sensitivity in humans after heavy alcohol intake. Balldin J, et al. **Psychopharmacology (Berlin)** 1985;86(1-2):142-6

Dopamine and non-dopamine psychoses. Garver DL, et al. **Psychopharmacology (Berlin)** 1984;84(1):138-40

GABA dysfunction in the pathophysiology of tardive dyskinesia. Tamminga CA, et al. **Psychopharmacology [Suppl]** 1985;2:122-7

Dopaminergic mechanisms and genetic factors in blood pressure regulation. Golda V, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1982;25(5):419-27

Brain dopamine and serotonin receptor sites revealed by digital subtraction autoradiography. Altar CA, et al. **Science** 1985 May 3;228(4699):597-600

Widespread distribution of brain dopamine receptors evidenced with [125I]iodosulpride, a highly selective ligand. Martres MP, et al. **Science** 1985 May 10; 228(4700):752-5

Dopaminergic regulation of thyrotropin release in uremic patients. Leu ML, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jun;83(6):556-64

[Regulation of receptor sensitivity and psychiatry] Cai N. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Apr; 18(2):124-7 (18 ref.) **(Chi)**

[Anterior pituitary dopamine receptor function in Shy-Drager syndrome] Konagaya Y, et al. **Rinsho Shinkeigaku** 1984 Sep;24(9):920-4 (Eng. Abstr.) **(Jpn)**

[Role of dopamine receptors in regulating the secretory activity of the stomach] Fisher AA, et al. **Fiziol Cheloveka** 1984 Nov-Dec;10(6):988-98 **(Rus)**

[Presynaptic autoregulation of dopamine release] Zharikova AD, et al. **Fiziol Zh SSSR** 1985 Jan;71(1):105-12 (Eng. Abstr.) **(Rus)**

RECEPTORS, DRUG

Estimation of number of receptor sites: a misconception [letter] Klotz IM. **Biopharm Drug Dispos** 1985 Jan-Mar; 6(1):105-7

2nd Basel Workshop of Methodology in Receptor Research. Rheinfelden, May 9-11, 1984. **J Recept Res** 1984; 4(1-6):1-704

Receptor autoradiography: the last ten years. Palacios JM. **J Recept Res** 1984;4(1-6):633-44

Informativeness in stimulus-response modelling. Stone M. **J Theor Biol** 1984 Nov 21;111(2):261-72

Complex structure of quisqualate-sensitive glutamate receptors in rat cortex. Honoré T, et al. **Neurosci Lett** 1985 Feb 28;54(1):27-32

[Symposium: The characterization of drug receptors] **Arch Biol Med Exp (Santiago)** 1983 Nov;16(2):R114-7 **(Spa)**

ANALYSIS

Protamine sulfate precipitation: a new assay for the Ah receptor. Denison MS, et al. **Anal Biochem** 1984 Oct; 142(1):28-36

Identification of the Ah receptor in selected mammalian species and induction of aryl hydrocarbon hydroxylase. Denison MS, et al. **Eur J Biochem** 1985 Mar 1; 147(2):429-35

Autoradiographic localization of atriopeptin III receptors in rat kidney. Murphy KM, et al. **Eur J Pharmacol** 1985 May 8;111(2):291-2

Location of Ah receptor for dioxin [letter] Shear NH, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):663-4

Characterization of 'high-affinity' [3H]ouabain binding in the rat central nervous system. Hauger R, et al. **J Neurochem** 1985 Jun;44(6):1709-15

Characterization of [3H]ouabain binding sites in human brain, platelet, and erythrocyte. Hauger R, et al. **J Neurochem** 1985 Jun;44(6):1704-8

Characterization of the hydrophobic properties of the receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin. Poellinger L, et al. **Mol Pharmacol** 1985 Feb;27(2):271-6

The age-dependent changes in the number of 3H-ouabain binding sites in mammalian skeletal muscle. Kjeldsen K, et al. **Pflugers Arch** 1984 Sep;402(1):100-8

The classification of drugs and drug receptors in isolated tissues. Kenakin TP. **Pharmacol Rev** 1984 Sep;36(3):165-222 (714 ref.)

BLOOD

Erythrocyte ouabain binding and intracellular Na+ in normotensive obese women and obese women receiving medication for hypertension. Webster DP, et al. **Biochem Med** 1984 Oct;32(2):232-41

The effect of diet on ouabain binding to erythrocytes from obese subjects. Ash KO, et al. **Clin Physiol Biochem** 1983; 1(6):293-9

DRUG EFFECTS

A comparison between iris-ciliary body concentration and receptor affinity of timolol. Urtti A, et al. **Acta Ophthalmol (Copenh)** 1985 Feb;63(1):16-8

Potassium balance and ouabain binding sites in intact porcine hearts during isoproterenol infusion. Sejersted OM, et al. **Adv Myocardiol** 1985;6:83-95

An operational model of pharmacological agonism: the effect of E/[A] curve shape on agonist dissociation constant estimation. Black JW, et al. **Br J Pharmacol** 1985 Feb; 84(2):561-71

Application of the operational model of agonism to establish conditions when functional antagonism may be used to estimate agonist dissociation constants. Leff P, et al. **Br J Pharmacol** 1985 Jul;85(3):655-63

Synthesis and structure-activity studies on excitatory amino acids structurally related to ibotenic acid. Krogsgaard-Larsen P, et al. **J Med Chem** 1985 May; 28(5):673-9

The quantification of relative efficacy of agonists. Kenakin TP. **J Pharmacol Methods** 1985 Jul;13(4):281-308 (129 ref.)

Changes in tissue sensitivity to drugs in relation with alteration in receptors by treatment of drugs. Yoshida H, et al. **J Toxicol Sci** 1984 Aug;9(3):193-204

D-Baclofen: is it an antagonist at baclofen receptors? Sawynok J, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):729-31

GENETICS

H-2 influences phenytoin binding and inhibition of prostaglandin synthesis. Gupta C, et al. **Immunogenetics** 1984;20(6):667-76

ISOLATION & PURIFICATION

Isolation and characterization of a specific receptor for biologically active phorbol and ingenol esters. Shoyab M, et al. **Arch Biochem Biophys** 1984 Oct;234(1):197-205

METABOLISM

Effect of K-depletion on 3H-ouabain binding and Na-K-contents in mammalian skeletal muscle. Kjeldsen K, et al. **Acta Physiol Scand** 1984 Oct;122(2):103-17

A hydroxylapatite microassay for receptor binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 3-methylcholanthrene in various target tissues. Poellinger L, et al. **Anal Biochem** 1985 Feb 1;144(2):371-84

Phosphatidylinositol turnover in receptor mechanism and signal transduction. Hirasawa K, et al. **Annu Rev Pharmacol Toxicol** 1985;25:147-70 (158 ref.)

Long-chain fatty acyl-coenzyme A's activate both the ligand-binding and protein kinase activities of phorboid and ingenoid receptor. Shoyab M. **Arch Biochem Biophys** 1985 Jan;236(1):435-40

Inhibition of protein kinase activity of phorboid and ingenoid receptor by di(adenosine-5')oligophosphate. Shoyab M. **Arch Biochem Biophys** 1985 Jan;236(1):441-4

Inhibition of 3H-glibenclamide binding to sulfonylurea receptors by oral antidiabetics. Geisen K, et al. **Arzneimittelforschung** 1985;35(4):707-12

Non-invasive measurements of cell surface receptors. Bailey IA, et al. **Basic Res Cardiol** 1985;80 Suppl 1:43-6

Reduced number of digitalis receptor sites in the hypertrophied pig myocardium. Khatter JC, et al. **Basic Res Cardiol** 1984 Jul-Aug;79(4):396-401

High and low affinity states of the dihydropyridine and phenylalkylamine receptors on the cardiac calcium channel and their interconversion by divalent cations. Ptasienski J, et al. **Biochem Biophys Res Commun** 1985 Jun 28; 129(3):910-7

Spin-labeled ouabain as a probe for cardiac glycoside receptor/Na, K-ATPase. Solomonson LP, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):210-6

Chemical reception mechanisms at a low level of phylogeny. Influence of polypeptide hormones and non-hormone polypeptides on the growth of Tetrahymena. Csaba G, et al. **Biosystems** 1985;17(3):227-31

Measurement of specific [3H]-ouabain binding to different types of human leucocytes. Boon NA, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):153-61

Quantitative receptor autoradiography: tissue defatting eliminates differential self-absorption of tritium radiation in gray and white matter of brain. Herkenham M, et al. **Brain Res** 1984 Nov 12:321(2):363-8

Chlormadinone acetate, a progesterone derivative that binds to the digitalis receptor, inhibits the sodium pump in the isolated rat diaphragm. Bihler I, et al. **Can J Physiol Pharmacol** 1985 Jan;63(1):44-7

Progesterone derivatives that bind to the digitalis receptor: effects on 86Rb uptake and contractility in the isolated guinea pig heart. LaBella FS, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1057-64

Ah receptor in primate liver: binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin and carcinogenic aromatic hydrocarbons. Okey AB, et al. **Can J Physiol Pharmacol** 1984 Oct;62(10):1292-5

Serum vitamin B12 binders in South African blacks with hepatocellular carcinoma. van Tonder S, et al. **Cancer** 1985 Aug 15;56(4):789-92

Evidence for a specific receptor site for lidocaine, quinidine, and bupivacaine associated with cardiac sodium channels in guinea pig ventricular myocardium. Clarkson CW, et al. **Circ Res** 1985 Apr;56(4):496-506

Digitalis receptors and digoxin sensitivity in renal failure. Malini PL, et al. **Clin Exp Pharmacol Physiol** 1985 Mar-Apr;12(2):115-20

Comparative studies of aryl hydrocarbon hydroxylase and the Ah receptor in nonmammalian species. Denison MS, et al. **Comp Biochem Physiol [C]** 1985;80(2):319-24

Structure-induction versus structure-toxicity relationships for polychlorinated biphenyls and related aromatic hydrocarbons. McKinney JD, et al. **Environ Health Perspect** 1985 May;60:57-68

Evidence for two kinetically and functionally different types of cardiac glycoside receptors in the heart. Erdmann E, et al. **Eur Heart J** 1984 Dec;5 Suppl F:297-302

Digitalis receptors in cardiac cells and their relation with positive inotropic and cardiotoxic effects. Lazdunski M, et al. **Eur Heart J** 1984 Dec;5 Suppl F:281-90

The use of competitive ligand binding results in QSAR studies. Gómez-Jeria JS. **Farmaco [Sci]** 1985 May;

40(5):299–302

Progesterone derivatives that bind to the digitalis receptor: effects on Na+,K+–ATPase and isolated tissues. LaBella FS, et al. **Fed Proc** 1985 Sep;44(12):2806–11

Functional group contributions to drug–receptor interactions. Andrews PR, et al. **J Med Chem** 1984 Dec;27(12):1648–57

Microcomputer-assisted densitometer for quantitative receptor autoradiography. Berck DJ, et al. **J Neurosci Methods** 1985 May;13(3–4):171–81

Autoradiographic characterization of N–methyl–D–aspartate–, quisqualate– and kainate–sensitive glutamate binding sites. Greenamyre JT, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):254–63

Significance of skeletal muscle digitalis receptors for [3H]ouabain distribution in the guinea pig. Kjeldsen K, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):720–7

Interaction of the calcium channel activating 3H–BAY K 8644 and inhibiting 3H–verapamil with specific receptor sites on cultured beating myocardial cells. Bellemann P. **J Recept Res** 1984;4(1–6):571–85

Budipine and the MPTP binding site [letter] Przuntek H, et al. **Lancet** 1985 Jul 6;2(8445):35–6

Effect of chronic streptozotocin–induced diabetes on [3H]ouabain binding in the rat left ventricle. Fawzi AB, et al. **Life Sci** 1985 May 20;36(20):1977–81

Carcinogen–binding proteins. High–affinity binding sites for benzo[a]pyrene in mouse liver distinct from the Ah receptor. Collins S, et al. **Mol Pharmacol** 1984 Sep; 26(2):353–9

Effects of substituents on the cytosolic receptor–binding avidities and aryl hydrocarbon hydroxylase induction potencies of 7–substituted 2,3–dichlorodibenzo–p–dioxins. A quantitative structure–activity relationship analysis. Denomme MA, et al. **Mol Pharmacol** 1985 Jun;27(6):656–61

Classification of drugs according to receptor binding profiles. Closse A, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Sep;327(2):95–101

The lead structure in cardiac glycosides is 5 beta, 14 beta–androstane–3 beta 14–diol. Schönfeld W, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jun; 329(4):414–26

Triiodothyronine receptors in adult rat brain: topographical distribution and effect of hypothyroidism. Dozin B, et al. **Neuroendocrinology** 1984 Sep;39(3):261–6

Pyrethroid–receptor interactions: stereospecific binding and effects on sodium channels in mouse brain preparations. Soderlund DM. **Neurotoxicology** 1985 Summer;6(2):35–46

Halopemide, a new psychotropic agent. Cerebral distribution and receptor interactions. Loonen AJ, et al. **Pharm Weekbl [Sci]** 1985 Feb 22;7(1):1–9 (83 ref.)

Control of 2,3,7,8–tetrachlorodibenzo–p–dioxin binding protein(s) in the hamster kidney. Kurl RN, et al. **Pharmacology** 1985;30(5):245–54

A metabolite of riboflavin binds to the 2,3,7,8–tetrachlorodibenzo–p–dioxin (TCDD) receptor. Kurl RN, et al. **Pharmacology** 1985;30(5):241–4

A common single binding site for many psychotropic drugs on human alpha 1–acid glycoprotein. Therapeutically relevant observation? Müller WE. **Pharmacopsychiatry** 1985 Jul;18(4):257–8

Stereo–specificity of diuretic receptors in the nephron: a study of the enantiomers of indacrinone (MK–196) in man. Brooks BA, et al. **Renal Physiol** 1984;7(5):304–10

[3H]ouabain binding and sodium content in lymphocyte sub–populations and the demonstration of increased binding in type 2 diabetes mellitus. Berntorp E, et al. **Scand J Clin Lab Invest** 1985 Feb;45(1):27–36

A method for the determination of the total number of 3H–ouabain binding sites in biopsies of human skeletal muscle. Nørgaard A, et al. **Scand J Clin Lab Invest** 1984 Oct;44(6):509–18

[The use of theoretical conformation analysis in the study of the mechanism of interaction of carbohydrate components of cardiac glycosides with receptor] Shamovskiĭ IL, et al. **Bioorg Khim** 1985 Jan;11(1):113–25 (Eng. Abstr.) **(Rus)**

[Gangliosides––cellular receptors for bacterial enterotoxins] Efremenko VI. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):96–100 (49 ref.) **(Rus)**

[The receptor complex: current problems] García de Jalón PD, et al. **Arch Farmacol Toxicol** 1984 Aug;10(2):71–82 (64 ref.) **(Spa)**

PHARMACODYNAMICS

Receptor–mediated entry of peroxidases into the parasitophorous vacuoles of macrophages infected with Leishmania Mexicana amazonensis. Rabinovitch M, et al. **J Leukocyte Biol** 1985 Mar;37(3):247–61

PHYSIOLOGY

Forward rate constants for receptor clusters. Variational methods for upper and lower bounds. van Opheusden JH, et al. **Biophys Chem** 1984 Oct;20(3):237–48

Influence of prolonged life span on receptor 'memory' in a unicellular organism, Tetrahymena. Csaba G, et al. **Exp Cell Biol** 1984;52(3):211–6

New insights into receptor regulation. Poste G. **J Appl Physiol** 1984 Nov;57(5):1297–305 (60 ref.)

Receptors: perspectives in pathology and clinical medicine. Ariëns EJ. **J Recept Res** 1984;4(1–6):1–17 (55 ref.)

Pharmacology of the corticocaudate excitatory postsynaptic potential in the cat: evidence for its mediation by quisqualate– or kainate–receptors. Herrling PL. **Neuroscience** 1985 Feb;14(2):417–26

Self–injection of diazepam in naive rats: effects of dose, schedule and blockade of different receptors. Pilotto R, et al. **Psychopharmacology (Berlin)** 1984;84(2):174–7

[Basic knowledge on receptor theory] Jin YC. **Sheng Li Ko Hsueh Chin Chan** 1984 Jul;15(3):268–76 **(Chi)**

[The role of airway receptors in the respiratory effects of air pollutants] Diezi J, et al. **Ther Umsch** 1985 May; 42(5):120–5 (Eng. Abstr.) **(Fre)**

RECEPTORS, ENDOGENOUS SUBSTANCES

see related
RADIOLIGAND ASSAY

Iris receptors of fresh human eyes. Reibaldi A, et al. **Ann Ophthalmol** 1984 Aug;16(8):746–8

Identification and characterization of leukotriene C4 receptors in isolated rat renal glomeruli. Ballermann BJ, et al. **Circ Res** 1985 Mar;56(3):324–30

A two–dimensional NMR study of the solution structure of a DNA dodecamer comprising the concensus sequence for the specific DNA–binding sites of the glucocorticoid receptor protein. Clore GM, et al. **Eur J Biochem** 1984 Dec 17;145(3):629–36

A microbore high–performance liquid chromatography strategy for the purification of polypeptides for gas–phase sequence analysis. Structural studies on the murine transferrin receptor. Grego B, et al. **Eur J Biochem** 1985 May 2;148(3):485–91

Structure of the porcine thyrotropin receptor: a 200 kilodalton glycoprotein heterocomplex. Islam MN, et al. **Experientia** 1985 Jan 15;41(1):18–23

Isolation, characterization, and regulation of the prolactin receptor. Vonderhaar BK, et al. **J Dairy Sci** 1985 Feb; 68(2):466–88

Receptor autoradiography: the last ten years. Palacios JM. **J Recept Res** 1984;4(1–6):633–44

Could binding sites of a receptor be 'seen'? A great challenge to picosecond spectroscopy. Miklavc A. **J Theor Biol** 1984 Nov 21;111(2):231–6

Similarity of vaccinia 28K, v–erb–B and EGF receptors [letter] Chen HR, et al. **Nature** 1985 Jul 18–24; 316(6025):219–20

[Electron microscopic analysis of lymphocyte fibrillar elements during the redistribution of surface receptors] Bobrova IF, et al. **Tsitologiia** 1985 Mar;27(3):282–6 (Eng. Abstr.) **(Rus)**

ANALYSIS

Identification of insulin–like growth factor–I and its receptors in the rat testis. Handelsman DJ, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):543–9

The distributions of 5'–nucleotidase and adenosine A1 receptors: evidence for diversification and conservation in the hippocampi of several commonly employed experimental animals. Lee KS, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:47–51

Oxytocin receptors in the human uterus during pregnancy and parturition. Fuchs AR, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):734–41

Human endometrial prostaglandin E2 binding sites and their profiles during the menstrual cycle and in pathologic states. Hofmann GE, et al. **Am J Obstet Gynecol** 1985 Feb 1; 151(3):369–75

Absence of albumin receptor on brain capillaries in vivo or in vitro. Pardridge WM, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):E264–7

A radioimmunoassay for human epidermal growth factor receptor. Gullick WJ, et al. **Anal Biochem** 1984 Aug 15; 141(1):253–61

A simple assay of solubilized adenosine receptors with nitrocellulose membrane filters. Nakata H, et al. **Anal Biochem** 1984 Nov 15;143(1):57–61

A new competition assay for the solubilized hepatic galactosyl receptor. Ray DA, et al. **Anal Biochem** 1985 Feb 15;145(1):37–46

Cholecystokinin receptors in mammalian brain. A comparative characterization and visualization. Gaudreau P, et al. **Ann NY Acad Sci** 1985;448:198–219

Integrated anatomical and physiological studies of neuronal cholecystokinin receptors. Innis RB, et al. **Ann NY Acad Sci** 1985;448:188–97

Brain cholecystokinin receptors. Binding characteristics, covalent cross–linking, and evolutionary aspects. Williams JA, et al. **Ann NY Acad Sci** 1985;448:220–30

The nature and regulation of the receptors for insulin–like growth factors. Rechler MM, et al. **Annu Rev Physiol** 1985; 47:425–42 (61 ref.)

Multiple extractions of hormone receptor from rabbit uteri and human breast tumors. Chen YM, et al. **Anticancer Res** 1985 Jul–Aug;5(4):363–7

Stimulation of DNA synthesis by prolactin in human breast tumor explants. Relation to prolactin receptors. Peyrat JP, et al. **Anticancer Res** 1984 Jul–Oct;4(4–5):257–61

Demonstration of receptors for a PDGF–like mitogen on human osteosarcoma cells. Graves DT, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):56–62

Solubilization and molecular weight estimation of atrial natriuretic factor receptor from bovine adrenal cortex. Hirose S, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):574–9

Specific receptors for atrial natriuretic polypeptide on basolateral membranes isolated from rat renal cortex. Hori R, et al. **Biochem Biophys Res Commun** 1985 Jun 28; 129(3):773–9

Structure of angiotensin II–binding site probed with diaminoalkanes. Imai N, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):452–7

Pharmacologic receptors for the leukotrienes. Fleisch JH, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):3919–22

A novel approach for the study of thromboxane A2 and prostaglandin H2 receptors using an 125I–labeled ligand. Halushka PV, et al. **Biochem Pharmacol** 1985 Apr 15; 34(8):1165–70

Identification of specific binding sites for leukotriene C4 in membranes from human lung. Rovati GE, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2831–7

Increased binding of fibrinogen to platelets in diabetes: the role of prostaglandins and thromboxane. DiMinno G, et al. **Blood** 1985 Jan;65(1):156–62

HNK–1+ cells in non–Hodgkin's lymphoma: lack of relation with transferrin receptor expression on malignant cells. Schuurman HJ, et al. **Br J Cancer** 1985 Feb;51(2):171–7

Ultrastructural localization of transferrin, transferrin receptor, and iron–binding sites on human placental and duodenal microvilli. Parmley RT, et al. **Br J Haematol** 1985 May;60(1):81–9

Immunohistological study of transferrin receptor expression in non–Hodgkin's lymphoma. Pileri S, et al. **Br J Haematol** 1984 Nov;58(3):501–8

Absence of prolactin receptors in normal and malignant uterine cervix. Dowsett M, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):924–6

Characterization of the adenosine receptor responsible for the inhibition of histamine and SRS–A release from human lung fragments. Hillyard PA, et al. **Br J Pharmacol** 1984 Oct;83(2):337–45

On the type of receptor involved in the inhibitory action of adenosine at the neuromuscular junction. Ribeiro JA, et al. **Br J Pharmacol** 1985 Apr;84(4):911–8

Epidermal growth factor receptors on human breast cancers. Sainsbury JR, et al. **Br J Surg** 1985 Mar;72(3):186–8

The development of rat brain bombesin–like peptides and their receptors. Gillati MT, et al. **Brain Res** 1984 Aug; 317(2):286–9

Multiple receptor types for amino acids in the carp olfactory cells revealed by quantitative cross–adaptation method. Ohno T, et al. **Brain Res** 1984 Sep 17;310(1):13–21

Characterization of prolactin receptors in human breast cancer. Peyrat JP, et al. **Breast Cancer Res Treat** 1984; 4(4):275–81

Multistep change in epidermal growth factor receptors during spontaneous neoplastic progression in Chinese hamster embryo fibroblasts. Wakshull E, et al. **Cancer Res** 1985 May;45(5):2070–5

Cellular localisation of human epidermal growth factor receptor. Gusterson B, et al. **Cell Biol Int Rep** 1984 Aug; 8(8):649–58

Determination of binding parameters in the presence of coupled reactions. Beck JS, et al. **Cell Biophys** 1985 Mar; 7(1):31–42

EGF–ricin A conjugates: kinetic profiles of cytotoxic effects and resistant cell variants. Shimizu N, et al. **Cell Struct Funct** 1984 Sep;9(3):203–12

[125I]Aminobenzyladenosine, a new radioligand with improved specific binding to adenosine receptors in heart. Linden J, et al. **Circ Res** 1985 Feb;56(2):279–84

Location of angiotensin II and bradykinin receptors in rat renal cortex epithelial membranes. Cox HM, et al. **Clin Exp Hypertens [A]** 1984;6(10–11):1893–6

Quantitative measurement of angiotensin II (A II) receptors in discrete regions of rat brain, pituitary and adrenal gland by autoradiography. Israel A, et al. **Clin Exp Hypertens [A]** 1984;6(10–11):1761–4

Angiotensin receptors and angiotensinogen in cultured neural and neuroendocrine cells. Printz MP, et al. **Clin Exp Hypertens [A]** 1984;6(10–11):2113–6

Functional intracellular renin–angiotensin systems may exist in multiple tissues. Re R, et al. **Clin Exp Hypertens [A]** 1984;6(10–11):1739–42

Receptor measurements. McBride JH. **Clin Lab Med** 1984 Dec;4(4):817–33 (58 ref.)

Tags for steroid hormone receptors. Raynaud JP, et al. **Clin Neuropharmacol** 1984;7(4):325–31 (23 ref.)

Epidermal growth factor receptors in different skin tumors. Bauknecht T, et al. **Dermatologica** 1985;171(1):16–20

Pharmacological characterization of two specific binding sites for neurohypophyseal hormones in hippocampal synaptic plasma membranes of the rat. Audigier S, et al. **EMBO J** 1985 Jun;4(6):1407–12

Blood group–active carbohydrate chains on the receptor for epidermal growth factor of A431 cells. Childs RA, et al. **EMBO J** 1984 Oct;3(10):2227–33

Monoclonal antibodies to the rabbit liver growth hormone receptor: production and characterization. Barnard R, et al. **Endocrinology** 1984 Nov;115(5):1805–13

Putative nuclear triiodothyronine receptors in tadpole liver during metamorphic climax. Galton VA, et al. **Endocrinology** 1985 Sep;117(3):912–6

Characterization and subcellular distribution of somatogenic receptor in rat liver. Husman B, et al. **Endocrinology** 1985 Jun;116(6):2605-11

The frequency of gonadotropin-releasing hormone stimulation determines the number of pituitary gonadotropin-releasing hormone receptors. Katt JA, et al. **Endocrinology** 1985 May;116(5):2113-5

Estrogen dependence of luteinizing hormone receptor expression in cultured rat granulosa cells. Inhibition of granulosa cell development by the antiestrogens tamoxifen and keoxifene. Knecht M, et al. **Endocrinology** 1985 May; 116(5):1771-7

In vitro 3,5,3'-triiodothyronine binding to rat cerebrocortical neuronal and glial nuclei suggests the presence of binding sites unavailable in vivo. Kolodny JM, et al. **Endocrinology** 1985 May;116(5):2019-28

Somatostatin receptors in the rat adrenal cortex: characterization and comparison with brain and pituitary receptors. Srikant CB, et al. **Endocrinology** 1985 May; 116(5):1717-23

Heterogeneous glycosylation of murine transferrin receptor subunits. van Driel IR, et al. **Eur J Biochem** 1985 Jun 18; 149(3):543-8

Effect of bromocriptin treatment on prolactin and steroid receptor levels in human breast cancer. Peyrat JP, et al. **Eur J Cancer Clin Oncol** 1984 Nov;20(11):1363-7

Platelet-derived growth factor labeled to colloidal gold for use as a mitogenic receptor probe. Handley DA, et al. **Eur J Cell Biol** 1984 Jul;34(2):281-6

Increased hepatic and reduced prostatic prolactin (PRL) binding in iron deficiency and during neuroleptic treatment: correlation with changes in serum PRL and testosterone. Barkey RJ, et al. **Eur J Pharmacol** 1985 Feb 26; 109(2):193-200

Topography of binding sites for neurohypophyseal hormones in rat brain. De Kloet ER, et al. **Eur J Pharmacol** 1985 Mar 26;110(1):113-9

Visualization of LHRH receptors in the rat brain. Reubi JC, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):453-4

Human embryonal carcinoma cells express low levels of functional receptor for epidermal growth factor. Carlin CR, et al. **Exp Cell Res** 1985 Jul;159(1):17-26

Probing the adenosine receptor with adenosine and xanthine biotin conjugates. Jacobson KA, et al. **FEBS Lett** 1985 May 6;184(1):30-5

Do monoclonal antibodies Tü15 and Tü67 detect heterogeneity of human transferrin receptor molecules? Uchańska-Ziegler B, et al. **FEBS Lett** 1984 Oct 1; 175(2):279-83

Prognostic value of estrogen and prolactin receptor analysis in human breast cancer. Waseda N, et al. **Gann** 1985 Jun; 76(6):517-23

Identification of human platelet membrane fibrinogen receptors by immunochemical techniques. Kornecki E, et al. **Haematologia (Budap)** 1984;17(3):387-98

Concentration of native prolactin and prolactin binding sites in hepatic subcellular fractions from hyperprolactinemic rats. Savoie S, et al. **Horm Metab Res** 1985 Mar;17(3):131-5

Vascular angiotensin II receptors in SHR. Schiffrin EL, et al. **Hypertension** 1984 Sep-Oct;6(5):682-8

Interaction of sanguinarine with natural and synthetic deoxyribonucleic acids. Maiti M, et al. **Indian J Biochem Biophys** 1984 Jun;21(3):158-65

The effect of D-glucose on the firing rate of glucose-sensitive vagal afferents in the liver in comparison with the effect of 2-deoxy-D-glucose. Niijima A. **J Auton Nerv Syst** 1984 May-Jun;10(3-4):255-60

Characterization of the human melanoma nerve growth factor receptor. Grob PM, et al. **J Biol Chem** 1985 Jul 5;260(13):8044-9

Identification of residues in the nucleotide binding site of the epidermal growth factor receptor/kinase. Russo MW, et al. **J Biol Chem** 1985 May 10;260(9):5205-8

Monoclonal antibodies specific for the alpha subunit of the Escherichia coli DNA polymerase III holoenzyme. Wu YH, et al. **J Biol Chem** 1984 Oct 10;259(19):12117-22

Transferrin receptors in cultured breast cancer cells. Vandewalle B, et al. **J Cancer Res Clin Oncol** 1985; 110(1):71-6

Thrombomodulin is found on endothelium of arteries, veins, capillaries, and lymphatics, and on syncytiotrophoblast of human placenta. Maruyama I, et al. **J Cell Biol** 1985 Aug; 101(2):363-71

Oxytocin receptors in nonpregnant human uterus. Fuchs AR, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):37-41

Receptors and growth-promoting effects of insulin and insulinlike growth factors on cells from bovine retinal capillaries and aorta. King GL, et al. **J Clin Invest** 1985 Mar;75(3):1028-36

Ultrastructural immunocytochemical localization of the transferrin receptor using a monoclonal antibody in human KB cells. Willingham MC, et al. **J Histochem Cytochem** 1985 Jan;33(1):59-64

Hemagglutination assay of polypeptide coded by the pre-S region of hepatitis B virus DNA with monoclonal antibody: correlation of pre-S polypeptide with the receptor for polymerized human serum albumin in serums containing hepatitis B antigens. Okamoto H, et al. **J Immunol** 1985 Feb;134(2):1212-6

Plasma cell antigen PC-1 and the transferrin receptor in mouse, rat, and hamster: serologic and biochemical analysis. van Driel IR, et al. **J Immunol** 1985 Jun;134(6):3987-93

A filter paper sandwich method using small volumes of reagents for the detection of antigens electrophoretically transferred onto nitrocellulose. Douglas GC, et al. **J Immunol Methods** 1984 Dec 31;75(2):333-8

A rapid and efficient microtechnique for the analysis of functional transferrin receptors on tumor cells. Lazarus AH, et al. **J Immunol Methods** 1985 May 23;79(2):213-21

Enzyme-linked immunosorbent assay for detection of receptors for polymerized human serum albumin on hepatitis B surface antigen particles. Tsuji T, et al. **J Immunol Methods** 1984 Oct 26;73(2):357-66

Comparison of epidermal growth factor binding and receptor distribution in normal human epidermis and epidermal appendages. Nanney LB, et al. **J Invest Dermatol** 1984 Nov; 83(5):385-93

Secretion of polyalbumin receptors in vitro. Gilja BK, et al. **J Med Virol** 1985 Apr;15(4):335-41

Various types of thyrotropin-releasing hormone receptors in discrete brain regions and the pituitary of the rat. Funatsu K, et al. **J Neurochem** 1985 Aug;45(2):390-7

The co-occurrence of a substance P-like peptide and cholecystokinin-8 in a fiber system of turtle cortex. Reiner A, et al. **J Neurosci** 1985 Jun;5(6):1527-44

Research and clinical potential of receptor based radiopharmaceuticals. Kilbourn MR, et al. **J Nucl Med** 1985 Jun;26(6):655-62 (20 ref.)

Characterization of [3H]leukotriene D4 binding sites in guinea-pig ventricular myocardium. Hogaboom GK, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):686-93

Characterization of cholecystokinin receptor sites in guinea-pig cortical membranes using [125I]Bolton Hunter-cholecystokinin octapeptide. Lin CW, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):775-80

Molecular heterogeneity of leukotriene receptors: correlation of smooth muscle contraction and radioligand binding in guinea-pig lung. Mong S, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):316-25

Evidence suggesting an Ra-type adenosine receptor in bovine coronary arteries. Mustafa SJ, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):49-56

Co-localized adenosine A1 and gamma-aminobutyric acid B (GABAB) receptors of cerebellum may share a common adenylate cyclase catalytic unit. Wojcik WJ, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):62-6

Methods for the determination of the specific radioactivity of radioligands. Bürgisser E. **J Recept Res** 1984; 4(1-6):357-69

A procedure for the measurement of hormone receptors using a cell harvesting machine. Fanger BO, et al. **J Recept Res** 1984;4(7):727-39

Angiotensin-induced changes in the apparent size of rat liver angiotensin receptors. Guillemette G, et al. **J Recept Res** 1984;4(1-6):267-81

Characterization of the hepatic glucagon receptor. Iyengar R, et al. **J Recept Res** 1984;4(1-6):247-65

Estrogen and thyroid-stimulating hormone (TSH) receptors in neoplastic and nonneoplastic human thyroid tissue. Clark OH, et al. **J Surg Res** 1985 Feb;38(2):89-96

Somatostatin receptors. Maurer R, et al. **JAMA** 1985 May 10;253(18):2741

Amniotic fluid epidermal growth factor and placental weight at term [letter] D'Souza SW, et al. **Lancet** 1985 Aug 3; 2(8449):272-3

Epidermal-growth-factor receptors in human bladder cancer: comparison of invasive and superficial tumours. Neal DE, et al. **Lancet** 1985 Feb 16;1(8425):366-8

Receptor activity for polymerised human albumin in hepatitis B vaccine [letter] Sansonno DE, et al. **Lancet** 1985 Jun 29;1(8444):1515-6

New specific radioligand for one subpopulation of brain somatostatin receptors. Reubi JC. **Life Sci** 1985 May 13; 36(19):1829-36

Characterization of central cholecystokinin receptors using a radioiodinated octapeptide probe. Wennogle LP, et al. **Life Sci** 1985 Apr 15;36(15):1485-92

Radioligand assay for angiotensin II receptors. Glossmann H, et al. **Methods Enzymol** 1985;109:110-26

Covalent labeling of the hepatic glucagon receptor. Herberg JT, et al. **Methods Enzymol** 1985;109:207-15

Wheat germ lectin-sepharose affinity adsorption assay for the soluble glucagon receptor. Iyengar R, et al. **Methods Enzymol** 1985;109:13-20

Assay for the cholecystokinin receptor on pancreatic acini. Jensen RT, et al. **Methods Enzymol** 1985;109:64-9

Gastrin receptor assay. Johnson LR. **Methods Enzymol** 1985; 109:56-64

Assay for parathyroid hormone receptors. Nissenson RA, et al. **Methods Enzymol** 1985;109:48-56

Assay for the glucagon receptor. Rojas FJ, et al. **Methods Enzymol** 1985;109:3-12

Assays for calcitonin receptors. Teitelbaum AP, et al. **Methods Enzymol** 1985;109:40-8

Induction of prolactin receptors by prolactin in the rat lung and liver: demonstration of separate receptor and antibody entities. Amit T, et al. **Mol Cell Endocrinol** 1985 Jan; 39(1):21-9

Homologous ligand induction of pituitary gonadotrophin-releasing hormone receptors in vivo is protein synthesis dependent. Detta A, et al. **Mol Cell Endocrinol** 1984 Sep;37(2):139-44

Cellular location of cytosolic triiodothyronine binding protein in primary cultures of fetal rat brain. Francon J, et al. **Mol Cell Endocrinol** 1985 Mar;39(3):197-207

Different responses to EGF in two human carcinoma cell lines, A431 and UCVA-1, possessing high numbers of EGF receptors. Gamou S, et al. **Mol Cell Endocrinol** 1984 Sep; 37(2):205-13

Newborn and immature rat testes contain gonadotropin-releasing hormone (GnRH) receptors, and their testosterone production is stimulated by a GnRH agonist in vitro. Huhtaniemi IT, et al. **Mol Cell Endocrinol** 1985 Apr;40(1):41-4

Characterization of guinea pig myocardial leukotriene C4 binding sites. Regulation by cations and sulfhydryl-directed reagents. Hogaboom GK, et al. **Mol Pharmacol** 1985 Feb; 27(2):236-45

EGF receptor-associated DNA-nicking activity is due to a Mr-100,000 dissociable protein. Basu M, et al. **Nature** 1985 Aug 15-21;316(6029):640-1

Transferrin receptor on endothelium of brain capillaries. Jefferies WA, et al. **Nature** 1984 Nov 8-14;312(5990):162-3

Sequence similarity between EGF receptor and alpha 1-acid glycoprotein. Toh H, et al. **Nature** 1985 Mar 14-20; 314(6007):199

Demonstration of Ri-type adenosine receptors in bovine myocardium by radioligand binding. Lohse MJ, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan; 328(3):310-6

Corticotropin-releasing factor receptors in human pituitary gland: autoradiographic localization. De Souza EB, et al. **Neuroendocrinology** 1985 May;40(5):419-22

Localization and characterization of somatostatin-14 and somatostatin-28 receptors in the rat pituitary as studied by slide-mounted frozen sections. Morel G, et al. **Neuropeptides** 1985 Mar;6(1):41-52

Downregulation of adrenocortical cyclo (His-Pro)-binding sites by cyclo (His-Pro) administration to neonatal but not adult rats. Prasad C, et al. **Neurosci Lett** 1984 Aug 24; 49(1-2):165-9

Evidence for two somatostatin-14 receptor types in rat brain cortex. Reubi JC. **Neurosci Lett** 1984 Aug 31;49(3):259-63

Adenosine-induced depression of synaptic transmission in the isolated olfactory cortex: receptor identification. McCabe J, et al. **Pflugers Arch** 1985 Feb;403(2):141-5

The classification of drugs and drug receptors in isolated tissues. Kenakin TP. **Pharmacol Rev** 1984 Sep;36(3):165-222 (714 ref.)

Study of adenosine receptors in intact rat fat cells by radioligand binding. Ukena D, et al. **Pharmacology** 1985; 30(3):153-9

Transferrin receptors in rat brain: neuropeptide-like pattern and relationship to iron distribution. Hill JM, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4553-7

Monoclonal human thyroid cell line GEJ expressing human thyrotropin receptors. Karsenty G, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2120-4

Further evidence for lack of specific receptors for PGE2 in the rat ovary. Lattermann U, et al. **Prostaglandins** 1984 Jun;27(6):839-49

Lactoferrin receptors in normal and leukaemic human blood cells. Birgens HS, et al. **Scand J Haematol** 1984 Sep; 33(3):275-80

Prostaglandin E2 receptors on human peripheral blood monocytes. Eriksen EF, et al. **Scand J Immunol** 1985 Feb; 21(2):167-72

Identification and characterization of luteinizing hormone-releasing hormone (LH-RH) receptors in the endometrial tissue of pregnant rats. Cao YQ, et al. **Sci Sin [B]** 1984 Jul;27(7):687-95

Reduced numbers of somatostatin receptors in the cerebral cortex in Alzheimer's disease. Beal MF, et al. **Science** 1985 Jul 19;229(4710):289-91

TSH receptor in thyroid neoplasms. Chang TC, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Apr;84(4):441-7

Cigarette smoking does not affect PGI2 platelet receptors. Modesti PA, et al. **Thromb Res** 1985 Jan 15;37(2):343-6

[Platelet membrane receptors] Wu QX. **Sheng Li Ko Hsueh Chin Chan** 1984 Jul;15(3):262-4 **(Chi)**

[EGF receptors in human breast cancer. Relation to hormonal receptors] Peyrat JP, et al. **Ann Endocrinol (Paris)** 1984;45(6):412-3 (Eng. Abstr.) **(Fre)**

[Functional and specific vasoactive intestinal peptide receptors in enterocytes isolated from fetal or adult rats] Chastre E, et al. **C R Acad Sci [III]** 1985;300(9):399-404 (Eng. Abstr.) **(Fre)**

[Demonstration of a specific receptor site for glucagon-37 (oxyntomodulin/bioactive enteroglucagon) in rat oxyntic glands] Depigny C, et al. **C R Acad Sci [III]** 1984; 299(16):677-80 (Eng. Abstr.) **(Fre)**

[Hormonal receptors and breast cancer. Results on 589 patients] Bonneterre J, et al. **LARC Med** 1984 Oct; 4(8):467-72 **(Fre)**

[Studies on specific receptors for prolactin (PRL) in the rat ovary] Takahashi Y, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Feb;37(2):277-86 (Eng. Abstr.) **(Jpn)**

[Structure of the receptor for insulin-like growth factors] Kasuga M. **Seikagaku** 1984 Apr;56(4):235-45 (51 ref.) **(Jpn)**

[Lipoprotein receptors and atheromatosis] Masana Marin L. **Med Clin (Barc)** 1984 Jun 16;83(3):119-21 **(Spa)**

[Localization of glucagon receptors in intestinal and vascular smooth muscle fibers in the dog. Use of autoradiographic technics] Santamaría L, et al. **Rev Esp Enferm Apar Dig** 1985 Apr;67(4):301-8 (Eng. Abstr.) **(Spa)**

ANTAGONISTS & INHIBITORS

Proglumide, a gastrin receptor antagonist, inhibits growth of colon cancer and enhances survival in mice. Beauchamp RD, et al. **Ann Surg** 1985 Sep;202(3):303-9

BIOSYNTHESIS

Incorporation of radiolabeled amino acids into protein subunits of the rat leydig cell gonadotropin receptor: application to the study of receptor structure and turnover. Crine P, et al. **Ann NY Acad Sci** 1984;438:224-36
Autocrine role of estrogens in the augmentation of luteinizing hormone receptor formation in cultured rat granulosa cells. Kessel B, et al. **Biol Reprod** 1985 Jun;32(5):1038-50
Aromatase inhibitors prevent granulosa cell differentiation: an obligatory role for estrogens in luteinizing hormone receptor expression. Knecht M, et al. **Endocrinology** 1985 Sep;117(3):1156-61
Production of insulin-like growth factor I and its binding protein by adult rat hepatocytes in primary culture. Scott CD, et al **Endocrinology** 1985 Mar;116(3):1094-101
Biosynthesis of the epidermal growth factor receptor in cultured human cells. Stoscheck CM, et al. **Endocrinology** 1985 Feb;116(2):528-35
The control of transferrin receptor synthesis in mitogen-stimulated human lymphocytes. Pauza CD, et al. **Exp Cell Res** 1984 Oct;154(2):510-20
Biosynthesis of EGF receptor, transferrin receptor and colligin by cultured human keratinocytes and the effect of retinoic acid. Taylor A, et al. **Exp Cell Res** 1985 Jul;159(1):47-54
Molecular mechanisms regulating the synthesis of transferrin receptors and ferritin in human erythroleukemic cell lines. Louache F, et al. **FEBS Lett** 1985 Apr 22;183(2):223-7
Post-translational processing of the epidermal growth factor receptor. Glycosylation-dependent acquisition of ligand-binding capacity. Slieker LJ, et al. **J Biol Chem** 1985 Jan 25;260(2):687-90
Transferrin receptor induction is required for human B-lymphocyte activation but not for immunoglobulin secretion. Neckers LM, et al. **J Cell Biochem** 1985;27(4):377-89
Glucocorticoid-stimulated biosynthesis of low density lipoprotein receptor in cultured fibroblasts. Filipovic I, et al. **J Clin Chem Clin Biochem** 1985 Jun;23(6):331-6
Prostaglandin E2 acts at two distinct pathways of T lymphocyte activation: inhibition of interleukin 2 production and down-regulation of transferrin receptor expression. Chouaib S, et al. **J Immunol** 1985 Aug;135(2):1172-9
Direct evidence for de-novo synthesis of LH receptors in cultured pig granulosa cells in response to FSH. Loeken MR, et al. **J Reprod Fertil** 1985 Mar;73(2):343-51
Effects of alterations in cellular iron on biosynthesis of the transferrin receptor in K562 cells. Rao KK, et al. **Mol Cell Biol** 1985 Apr;5(4):595-600
Retrogenic expression of receptors for growth factors in neoplasia. Cikes M. **Tumour Biol** 1984;5(2):87-93 (48 ref.)

BLOOD

Fasting induces the generation of serum thyronine-binding globulin in Zucker rats. Young RA, et al. **Endocrinology** 1985 Apr;116(4):1248-52
Nuclear thyroxine and triiodothyronine binding in mononuclear cells in dependence of age. Kvetny J. **Horm Metab Res** 1985 Jan;17(1):35-8
[Lymphocyte receptors for trophoblastic beta 1-glycoprotein] Sotnikova NIu, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):326-7 (Eng. Abstr.) **(Rus)**

CLASSIFICATION

Novel adenosine receptors in rat hippocampus. Identification and characterization. Chin JH, et al. **Life Sci** 1985 May 6;36(18):1751-60
Two types of somatostatin receptors differentiated by cyclic somatostatin analogs. Tran VT, et al. **Science** 1985 Apr 26;228(4698):492-5

DRUG EFFECTS

Effect of enzyme and enzyme inhibitors on specific binding of hGH to human peripheral lymphocytes. Kiess W, et al. **Acta Endocrinol (Copenh)** 1985 May;109(1):139-44
Doxazosin increases low density lipoprotein receptor activity. Leren TP. **Acta Pharmacol Toxicol (Copenh)** 1985 Mar;56(3):269-72
Changes in noradrenaline release and in beta receptor number in rat hippocampus following long-term treatment with theophylline or L-phenylisopropyladenosine. Fredholm BB, et al. **Acta Physiol Scand** 1984 Sep;122(1):55-9
Somatostatin agonists and antagonists--peptide control of growth hormone secretion. Coy DH, et al. **Adv Exp Med Biol** 1985;188:325-37
Prostaglandin endoperoxide and thromboxane A2 analogs. Wilson NH, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;14:393-425 (62 ref.)
Pituitary LH responsiveness to GnRH in vitro as related to GnRH receptor number. Baldwin DM, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E651-6
Proglumide analogues: potent cholecystokinin receptor antagonists. Jensen RT, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G214-20
Carbobenzoxy amino acids: structural requirements for cholecystokinin receptor antagonist activity. Maton PN, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):G479-84
The mechanism of gonadotropin induced desensitization of rat ovarian adenylate cyclase in the cell free state and the role of GTP in this process. Salomon Y, et al. **Ann Endocrinol (Paris)** 1984;45(4-5):327-34
Methylxanthines as adenosine receptor antagonists [letter] Parsons WJ, et al. **Ann Intern Med** 1985 Oct;103(4):643
Rat hypothalamic GRF elicits its biologic action in GH3 cells by interaction with VIP- preferring receptor site(s). Zeytin FN, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):992-8
Affinity-labelling of the thyrotropin receptor. Characterization of the photoactive ligand. Buckland PR, et al. **Biochem J** 1985 Feb 1;225(3):753-60
Influence of divalent cations on the detection of somatogenic and lactogenic binding sites in mouse liver cells. Ciccia-Torres GN, et al. **Biochem J** 1985 Jun 15;228(3):761-4
Regulatory proteins (inhibitors or activators) affect estimates of Mr of enzymes and receptors by radiation inactivation. A theoretical model. Potier M, et al. **Biochem J** 1985 Mar 15;226(3):797-801
Magnesium ion exerts a central role in the regulation of inhibitory adenosine receptors. Yeung SM, et al. **Biochem J** 1985 Jul 1;229(1):91-100
Effects of caerulein-related peptides on cholecystokinin receptor bindings in brain and pancreas. Fujimoto M, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):1103-7
Effect of cyanoketone on follicle-stimulating hormone (FSH) induction of receptors for FSH in granulosa cells of the rat. Tonetta SA, et al. **Biol Reprod** 1984 Oct;31(3):487-93
Inhibitory effects of the selective thromboxane receptor antagonist BM 13.177 on platelet aggregation, vasoconstriction and sudden death. Patscheke H, et al. **Biomed Biochim Acta** 1984;43(8-9):S312-8
Interactions between receptors that increase cytosolic calcium and cyclic AMP in guinea-pig liver cells. Cocks TM, et al. **Br J Pharmacol** 1984 Sep;83(1):281-91
The anticonvulsive action of adenosine: a postsynaptic, dendritic action by a possible endogenous anticonvulsant. Lee KS, et al. **Brain Res** 1984 Oct 29;321(1):160-4
Tumor-promoting, phorbol ester-induced phosphorylation of cell-surface transferrin receptors in human erythroleukemia cells. Kohno H, et al. **Cell Struct Funct** 1985 Jun;10(2):95-104
Untoward effects of pharmacological doses of insulin in early chick embryos: through which receptor are they mediated? de Pablo F, et al. **Diabetologia** 1985 May;28(5):308-13
Somatomedin-C enhances induction of luteinizing hormone receptors by follicle-stimulating hormone in cultured rat granulosa cells. Adashi EY, et al. **Endocrinology** 1985 Jun;116(6):2369-75
Extracts and auto-oxidized constituents of certain plants inhibit the receptor-binding and the biological activity of Graves' immunoglobulins. Auf'mkolk M, et al. **Endocrinology** 1985 May;116(5):1687-93
Tunicamycin and neuraminidase effects on luteinizing hormone (LH)-releasing hormone binding and LH release from rat pituitary cells in culture. Schvartz I, et al. **Endocrinology** 1985 Jun;116(6):2341-6
Interaction of growth hormone-releasing factor (GRF) and 14 GRF analogs with vasoactive intestinal peptide (VIP) receptors of rat pancreas. Discovery of (N-Ac-Tyr1,D-Phe2)-GRF(1-29)-NH2 as a VIP antagonist. Waelbroeck M, et al. **Endocrinology** 1985 Jun;116(6):2643-9
Behavioural sensitivity to PIA in selectively bred mice is related to a number of A1 adenosine receptors but not to cyclic AMP accumulation in brain slices. Fredholm BB, et al. **Eur J Pharmacol** 1985 Apr 23;111(1):133-6
Thromboxane receptor antagonist properties of SQ 27,427 in the anesthetized guinea pig. Greenberg R, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):19-24
Effects of SQ 27,427, a thromboxane A2 receptor antagonist, in the human platelet and isolated smooth muscle. Harris DN, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):9-18
Receptor 'memory' in Tetrahymena: does it satisfy the general criteria of memory? An experimental study on induction and extinction by retroactive interference in a unicellular organism. Csaba G, et al. **Exp Cell Biol** 1984;52(5):320-5
Differentiation-inducing agents decrease cryptic prolactin receptors in cultured rat mammary tumor cells. Costlow ME. **Exp Cell Res** 1984 Nov;155(1):17-23
Increased insulin sensitivity in soleus muscle from cold-exposed rats: reversal by an adenosine-receptor agonist. Budohoski L, et al. **FEBS Lett** 1984 Oct 1;175(2):402-6
Caerulein-induced acute necrotizing pancreatitis in mice: protective effects of proglumide, benzotript, and secretin. Niederau C, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1192-204
Direct effect of androgens on progesterone binding and metabolism in rat testis microsomes. Kühn-Velten N, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jul;365(7):773-9
Effects of adrenaline pretreatment on in vitro binding of 125I-triiodothyronine to nuclear receptor, intracellular distribution of endogenous triiodothyronine and activities of alfa-glycerophosphate dehydrogenase and malic enzyme in rat liver. Nauman J, et al. **Horm Metab Res** 1984 Oct;16(10):521-4
Prolactin-induced polyamine biosynthesis in spleen and thymus: specific inhibition by cyclosporine. Russell DH, et al. **Immunopharmacology** 1985 Jun;9(3):165-74
sn-1,2-Dioctanoylglycerol. A cell-permeable diacylglycerol that mimics phorbol diester action on the epidermal growth factor receptor and mitogenesis. Davis RJ, et al. **J Biol Chem** 1985 Feb 10;260(3):1562-6
Different Ca2+ channels along the arterial tree. Cauvin C, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 4:S4-10
Protective effects of trans-13-APT, a thromboxane receptor antagonist, in endotoxemia. Olanoff LS, et al. **J Cardiovasc Pharmacol** 1985 Jan-Feb;7(1):114-20
Angiotensin receptor is a desirable locus for physiologically specific inhibition of the renin-angiotensin system. Soffer RL, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 4:S69-72
Modulation of type alpha transforming growth factor receptors by a phorbol ester tumor promoter. Davis R, et al. **J Cell Biochem** 1985;27(1):23-30
Protamine inhibits platelet derived growth factor receptor activity but not epidermal growth factor activity. Huang JS, et al. **J Cell Biochem** 1984;26(4):205-20
Transforming growth factor-beta modulates the high-affinity receptors for epidermal growth factor and transforming growth factor-alpha. Massagué J. **J Cell Biol** 1985 May;100(5):1508-14
The effects of radiographic contrast agents and other compounds on the nuclear binding of L-[125I]triiodothyronine in dispersed human skin fibroblasts. Eil C, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):548-52
In vitro modulation of prolactin binding to human mammary carcinoma cells by steroid hormones and prolactin. Simon WE, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1243-9
A unique control mechanism in the regulation of insulin secretion. Secretagogue-induced somatostatin receptor recruitment. Draznin B, et al. **J Clin Invest** 1985 May;75(5):1510-6
Effects of long-term administration of high doses of medroxyprogesterone acetate on hormone receptors and target organs in the female rat. Di Carlo F, et al. **J Endocrinol** 1984 Dec;103(3):287-93
Prolactin receptors on human T and B lymphocytes: antagonism of prolactin binding by cyclosporine. Russell DH, et al. **J Immunol** 1985 May;134(5):3027-31
Bacterial endotoxin selectively prevents the expression of scavenger-receptor activity on human monocyte-macrophages. Van Lenten BJ, et al. **J Immunol** 1985 Jun;134(6):3718-21
Modulation of receptors for the colony-stimulating factor, CSF-1, by bacterial lipopolysaccharide and CSF-1. Guilbert LJ, et al. **J Immunol Methods** 1984 Oct 12;73(1):17-28
Loss of fibrinogen receptors from the platelet surface during simulated extracorporeal circulation. Musial J, et al. **J Lab Clin Med** 1985 Apr;105(4):514-22
1,3-Dialkyl-8-(p-sulfophenyl)xanthines: potent water-soluble antagonists for A1- and A2-adenosine receptors. Daly JW, et al. **J Med Chem** 1985 Apr;28(4):487-92
Mesoionic xanthine analogues: antagonists of adenosine receptors. Glennon RA, et al. **J Med Chem** 1984 Oct;27(10):1364-7
Functionalized congeners of 1,3-dialkylxanthines: preparation of analogues with high affinity for adenosine receptors. Jacobson KA, et al. **J Med Chem** 1985 Sep;28(9):1334-40
Effects of tunicamycin on NGF binding and neurite outgrowth in PC12 cells. Baribault TJ, et al. **J Neurosci Res** 1985;14(1):49-60
Ethanol and fetal nutrition: effect of chronic ethanol exposure on rat placental growth and membrane-associated folic acid receptor binding activity. Fisher SE, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):645-9
Comparison of the potency of 8-phenyltheophylline as an antagonist at A1 and A2 adenosine receptors in atria and aorta from the guinea-pig. Collis MG, et al. **J Pharm Pharmacol** 1985 Apr;37(4):278-80
A1 and A2 adenosine receptor activation inhibits and stimulates renin secretion of rat renal cortical slices. Churchill PC, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):589-94
Characterization of a retinal melatonin receptor. Dubocovich ML. **J Pharmacol Exp Ther** 1985 Aug;234(2):395-401
Dissociation between the excitatory and 'excitotoxic' effects of quinolinic acid analogs on the striatal cholinergic interneuron. Lehmann J, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):873-82
Pharmacological evidence for a distinct leukotriene C4 receptor in guinea-pig trachea. Snyder DW, et al. **J Pharmacol Exp Ther** 1984 Dec;231(3):616-22
The quantification of relative efficacy of agonists. Kenakin TP. **J Pharmacol Methods** 1985 Jul;13(4):281-308 (129 ref.)
Sodium regulation of hormone-sensitive adenylate cyclase. Jakobs KH, et al. **J Recept Res** 1984;4(1-6):443-58

Pertussis toxin-catalyzed ADP-ribosylation: effects on the coupling of inhibitory receptors to the adenylate cyclase system. Moss J, et al. **J Recept Res** 1984;4(1-6):459-74

Prolactin regulation of prolactin binding sites in pancreatic islets and adrenal glands of ovariectomized rats. Tesone M, et al. **J Recept Res** 1983-84;3(6):711-26

Inhibition of Purkinje cell firing by systemic administration of phenylisopropyl adenosine: effect of central noradrenaline depletion by DSP4. Bickford PC, et al. **Life Sci** 1985 Jul 22;37(3):289-97

Caffeine tolerance: behavioral, electrophysiological and neurochemical evidence. Chou DT, et al. **Life Sci** 1985 Jun 17;36(24):2347-58

Induction of glucagon responsiveness in transformed MDCK cells unresponsive to glucagon. Beckner SK, et al. **Methods Enzymol** 1985;109:356-60

Characterization of hormone-sensitive Madin-Darby canine kidney cells. Lin MC, et al. **Methods Enzymol** 1985; 109:360-5

Influence of cyclic nucleotides on receptor binding, immunological activity, and microheterogeneity of human choriogonadotropin synthesized in placental tissue culture. Hilf G, et al. **Mol Cell Endocrinol** 1985 Feb;39(2):151-9

Thyrotropin modulates EGF receptor function in porcine thyroid follicle cells. Westermark K, et al. **Mol Cell Endocrinol** 1985 Apr;40(1):17-23

Effects of several 5'-carboxamide derivatives of adenosine on adenosine receptors of human platelets and rat fat cells. Ukena D, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Aug;327(1):36-42

Noradrenaline and prostaglandin E2 stimulate LH-RH release from rat median eminence through distinct 1-alpha-adrenergic and PGE2 receptors. Heaulme M, et al. **Neuroendocrinology** 1984 Nov;39(5):403-7

Treatment of rats with the TRH analog MK-771. Down-regulation of TRH receptors and behavioral tolerance. Simasko SM, et al. **Neuropharmacology** 1985 Feb; 24(2):157-65

Effects of transition metals on TRH-receptor interaction. Ogawa N, et al. **Neurosci Res** 1984 Oct;1(5):363-8

Neonatal exposure to vasopressin decreases vasopressin binding sites in the adult kidney. Handelmann GE, et al. **Peptides (Fayetteville)** 1984 Nov-Dec;5(6):1217-9

Vasopressin antagonists block peripheral as well as central vasopressin receptors. De Wied D, et al. **Pharmacol Biochem Behav** 1984 Sep;21(3):393-400

Methylxanthine discrimination in the rat: possible benzodiazepine and adenosine mechanisms. Holloway FA, et al. **Pharmacol Biochem Behav** 1985 May;22(5):815-24

Decreased pancreatic CCK receptor binding and CCK-stimulated amylase release in Zucker obese rats. McLaughlin CL, et al. **Physiol Behav** 1984 Jun;32(6):961-5

Phorbol esters induce transient internalization without degradation of unoccupied epidermal growth factor receptors. Beguinot L, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2774-8

Systemic and renal hemodynamic responses to vascular blockade of vasopressin in conscious dogs with ascites. Vari RC, et al. **Proc Soc Exp Biol Med** 1985 Jun;179(2):192-6

On the mechanisms of action of two classes of angiotensin antagonists at smooth muscle receptors. Moore GJ, et al. **Proc West Pharmacol Soc** 1984;27:377-83

LHRH agonists--mechanism of action and effect on target tissues. Sandow J, et al. **Prog Clin Biol Res** 1985; 185A:121-42

Involvement of adenosine receptor activities in aggressive responses produced by clonidine in mice. Ushijima I, et al. **Psychopharmacology (Berlin)** 1984;83(4):335-9

Emerging strategies in ulcer therapy: pumps and receptors. Berglindh T, et al. **Scand J Gastroenterol [Suppl]** 1985; 108:7-14 (42 ref.)

Thromboxane synthase inhibition combined with thromboxane receptor blockade: a step forward in antithrombotic strategy? [letter] Gresele P, et al. **Thromb Haemost** 1984 Dec 29;52(3):364

Membrane fluidity and platelet fibrinogen receptor exposure by proteolytic enzymes. Simons E, et al. **Thromb Res** 1985 Jul 1;39(1):91-6

Regulation of epidermal growth factor binding in a human keratinocyte cell line by 2,3,7,8-tetrachlorodibenzo-p-dioxin. Hudson LG, et al. **Toxicol Appl Pharmacol** 1985 Feb;77(2):251-9

[Advances and prospect of receptor pharmacology] Zhou TC. **Sheng Li Ko Hsueh Chin Chan** 1984 Apr;15(2):101-5 **(Chi)**

[Is vasoactive intestinal peptide (VIP) an essential neuropeptide for the heart?] Christophe J, et al. **Bull Mem Acad R Med Belg** 1984;139(12):527-37 (Eng. Abstr.) **(Fre)**

[Receptors for lactoferrin on human thymic lymphocytes. The stimulation of expression as affected by adenosine, theophylline and a supernatant of thymic lymphocytes] Gneditskaia EV, et al. **Biull Eksp Biol Med** 1984 Nov; 98(11):586-9 (Eng. Abstr.) **(Rus)**

[Effect of long-term neuroleptic administration on CNS receptors plasticity] Allikmets LKh, et al. **Vestn Akad Med Nauk SSSR** 1984;(11):37-42 (Eng. Abstr.) **(Rus)**

GENETICS

MDA-468, a human breast cancer cell line with a high number of epidermal growth factor (EGF) receptors, has an amplified EGF receptor gene and is growth inhibited by EGF. Filmus J, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):898-905

Amplified, overexpressed and rearranged epidermal growth factor receptor gene in a human astrocytoma cell line. Filmus J, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):207-15

Isolation of an evolutionarily conserved epidermal growth factor receptor cDNA from human A41 carcinoma cells. Simmen FA, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):125-32

Coexpression of a PDGF-like growth factor and PDGF receptors in a human osteosarcoma cell line: implications for autocrine receptor activation. Betsholtz C, et al. **Cell** 1984 Dec;39(3 Pt 2):447-57

The Drosophila EGF receptor gene homolog: conservation of both hormone binding and kinase domains. Livneh E, et al. **Cell** 1985 Mar;40(3):599-607

The human transferrin receptor gene: genomic organization, and the complete primary structure of the receptor deduced from a cDNA sequence. McClelland A, et al. **Cell** 1984 Dec;39(2 Pt 1):267-74

c-erbB activation in ALV-induced erythroblastosis: novel RNA processing and promoter insertion result in expression of an amino-truncated EGF receptor. Nilsen TW, et al. **Cell** 1985 Jul;41(3):719-26

The c-fms proto-oncogene product is related to the receptor for the mononuclear phagocyte growth factor, CSF-1. Sherr CJ, et al. **Cell** 1985 Jul;41(3):665-76

Developmental changes in expression of the Drosophila melanogaster epidermal growth factor receptor gene. Lev Z, et al. **Dev Biol** 1985 Aug;110(2):499-502

Translation in Xenopus oocytes of messenger RNA from A431 cells for human epidermal growth factor receptor proteins. Simmen FA, et al. **DNA** 1984 Oct;3(5):393-9

The present state in the phylogeny and ontogeny of hormone receptors. Csaba G. **Horm Metab Res** 1984 Jul;16(7):329-35 (52 ref.)

The epidermal growth factor (EGF) receptor gene studied using gene transfer. Strazdis J, et al. **Int J Neurosci** 1985 Apr;26(1-2):129-40

Cloning and expression of the gene for the vitamin B12 receptor protein in the outer membrane of Escherichia coli. Heller K, et al. **J Bacteriol** 1985 Mar;161(3):896-903

Molecular cloning and expression of genetic determinants for the iron uptake system mediated by the Vibrio anguillarum plasmid pJM1. Tolmasky ME, et al. **J Bacteriol** 1984 Dec;160(3):860-6

Glycosylation of the epidermal growth factor receptor in A-431 cells. The contribution of carbohydrate to receptor function. Soderquist AM, et al. **J Biol Chem** 1984 Oct 25; 259(20):12586-94

Elevated epidermal growth factor receptor gene copy number and expression in a squamous carcinoma cell line. Merlino GT, et al. **J Clin Invest** 1985 Mar;75(3):1077-9

cDNA cloning of the murine transferrin receptor: sequence of trans-membrane and adjacent regions. Stearne PA, et al. **J Immunol** 1985 May;134(5):3474-9

Effects of alleles at the W locus on testicular luteinizing hormone receptors in adult mice. Amador A, et al. **J Recept Res** 1984;4(7):741-53

Selection of cell lines resistant to anti-transferrin receptor antibody: evidence for a mutation in transferrin receptor. Lesley JF, et al. **Mol Cell Biol** 1984 Sep;4(9):1675-81

Structure and localization of genes encoding aberrant and normal epidermal growth factor receptor RNAs from A431 human carcinoma cells. Merlino GT, et al. **Mol Cell Biol** 1985 Jul;5(7):1722-34

An artefact explains the apparent association of the transferrin receptor with a ras gene product. Harford J. **Nature** 1984 Oct 18-24;311(5987):673-5

The epidermal growth factor receptor gene and its product [news] Hunter T. **Nature** 1984 Oct 4-10;311(5985):414-6

Hormone receptor-effector complex evolution [letter] Kaback DB. **Nature** 1985 Aug 8-14;316(6028):490

Amplification, enhanced expression and possible rearrangement of EGF receptor gene in primary human brain tumours of glial origin. Libermann TA, et al. **Nature** 1985 Jan 10-18;313(5998):144-7

Oncogenic intelligence. Another link in the chain [news] Newmark P. **Nature** 1985 Aug 22-28;316(6030):681

The neu oncogene: an erb-B-related gene encoding a 185,000-Mr tumour antigen. Schechter AL, et al. **Nature** 1984 Dec 6-12;312(5994):513-6

Primary structure of human transferrin receptor deduced from the mRNA sequence. Schneider C, et al. **Nature** 1984 Oct 18-24;311(5987):675-8

Oncogenes homologous to steroid receptors? [letter] Sluyser M, et al. **Nature** 1985 Jun 13-19;315(6020):546

A Drosophila genomic sequence with homology to human epidermal growth factor receptor. Wadsworth SC, et al. **Nature** 1985 Mar 14-20;314(6007):178-80

Similarity between the corticotropin (ACTH) receptor and a peptide encoded by an RNA that is complementary to ACTH mRNA. Bost KL, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1372-5

Characterization and sequence of the promoter region of the human epidermal growth factor receptor gene. Ishii S, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4920-4

Characterization of epidermal growth factor receptor gene expression in malignant and normal human cell lines. Xu YH, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(23):7308-12

Amplification of a novel v-erbB-related gene in a human mammary carcinoma. King CR, et al. **Science** 1985 Sep 6;229(4717):974-6

The neu gene: an erbB-homologous gene distinct from and unlinked to the gene encoding the EGF receptor. Schechter AL, et al. **Science** 1985 Sep 6;229(4717):976-8

Relationship between production of epidermal growth factor receptors, gene amplification, and chromosome 7 translocation in variant A431 cells. Gill GN, et al. **Somatic Cell Mol Genet** 1985 Jul;11(4):309-18

Translocation chromosome 7 of A431 cells contains amplification and rearrangement of EGF receptor gene responsible for production of variant mRNA. Hunts JH, et al. **Somatic Cell Mol Genet** 1985 Sep;11(5):477-84

Expression of the receptor for epidermal growth factor correlates with increased dosage of chromosome 7 in malignant melanoma. Koprowski H, et al. **Somatic Cell Mol Genet** 1985 May;11(3):297-302

[Defects in the prostaglandin system. II. Familial platelet-prostacyclin receptor defect (Wien-Hietzing defect)--pathogenetic significance for (early) development of atherosclerosis?] Kaliman J, et al. **Wien Klin Wochenschr** 1985 Mar 29;97(7):323-6 (Eng. Abstr.) **(Ger)**

[A member of the SRC gene family, the c-erbB-1 gene, is closely related to the EGF receptor gene] Yamamoto T, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):632-40 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

Localization of transferrin receptor in the chorionic villi of complete molar pregnancy. Berkowitz RS, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):128-9

Site-specific antibodies to the erbB oncogene product immunoprecipitate epidermal growth factor receptor. Akiyama T, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):797-802

Characterization of monoclonal antibodies to the IGF-I receptor that inhibit IGF-I binding to human cells. Flier JS, et al. **Biochem Biophys Res Commun** 1985 Mar 29; 127(3):929-36

Antibodies against the plasma membrane 3,3',5-triiodo-L-thyronine binding protein of rat pituitary GH3 cells: partial characterization and cross-species immunoreactivity. Hasumura S, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):956-62

Interaction of autoantibodies to thyrotropin receptor with a hydrophilic subunit of the thyrotropin receptor. Davies Jones E, et al. **Biochem J** 1985 May 15;228(1):111-7

Immunoprecipitation of the lutropin receptor. Loss of receptor molecules during down-regulation. Metsikkö MK, et al. **Biochem J** 1984 Dec 1;224(2):467-71

The carbohydrate specificities of the monoclonal antibodies 29.1, 455 and 3C1B12 to the epidermal growth factor receptor of A431 cells. Gooi HC, et al. **Biosci Rep** 1985 Jan;5(1):83-94

A monoclonal antibody D51 recognizes the transferrin-receptor structure. Gross HJ. **Blut** 1985 Aug; 51(2):117-22

A monoclonal antibody to human transferrin receptor which inhibits erythroid differentiation of human leukemic K-562 cells. Gambari R. **Boll Soc Ital Biol Sper** 1984 Jun 30; 60(6):1283-5

Anti-transferrin receptor antibody linked to Pseudomonas exotoxin as a model immunotoxin in human ovarian carcinoma cell lines. Pirker R, et al. **Cancer Res** 1985 Feb; 45(2):751-7

Segregation of the NK-sensitive phenotype in human x mouse somatic cell hybrids reveals separate genetic control of recognition and postrecognition determinants. Lauzon RJ, et al. **Cell Immunol** 1985 Aug;94(1):85-99

Immunoprecipitation of TSH-TSH receptor complexes. Parkes AB, et al. **Clin Endocrinol (Oxf)** 1985 Apr; 22(4):511-20

Immune mechanisms in Graves' disease. Burman KD, et al. **Endocr Rev** 1985 Spring;6(2):183-232 (520 ref.)

A predicted case with neonatal transient hypothyroidism due to blocking type thyrotropin binding inhibitor immunoglobulins (TBII). Ishihara T, et al. **Endocrinol Jpn** 1985 Feb;32(1):189-94

Comparison of LATS activity and TSH receptor antibody in Graves' disease. Kajita Y, et al. **Endocrinol Jpn** 1984 Jun;31(3):369-74

Characterization of monoclonal antibodies raised against solubilized thyrotropin receptors in a cytochemical bioassay for thyroid stimulators. Ealey PA, et al. **Endocrinology** 1985 Jan;116(1):124-31

EGF receptor antiserum inhibits bone resorbing activity produced by a rat Leydig cell tumor associated with the humoral hypercalcemia of malignancy. Ibbotson KJ, et al. **Endocrinology** 1985 Jan;116(1):469-71

Antibodies to nuclear thyroid hormone-binding proteins. Antibody characterization and immunofluorescent localization. Sellitti DF, et al. **Exp Cell Res** 1985 May; 158(1):223-36

Anti-hormone anti-idiotypes are probes for receptor structure and function. Farid NR. **Immunol Lett** 1985; 9(4):191-9

Analysis of lymphopoietic stem cells with a monoclonal antibody to the rat transferrin receptor. Jefferies WA, et al. **Immunology** 1985 Feb;54(2):333-41

Transferrin receptor expression by stimulated cells in mixed lymphocyte culture. Salmon M, et al. **Immunology** 1985 Mar;54(3):559-64

A monoclonal antibody which inhibits epidermal growth factor binding has opposite effects on the biological action of epidermal growth factor in different cells. Chandler LP, et al. **J Biol Chem** 1985 Mar 25;260(6):3360-7

Inability of anti-epidermal growth factor receptor monoclonal antibody to block 'autocrine' growth stimulation in transforming growth factor-secreting melanoma cells. Kudlow JE, et al. **J Biol Chem** 1984 Oct 10;259(19):11895-900

Production of a monoclonal antibody directed against the nerve growth factor receptor from sympathetic membranes. Morgan CJ, et al. **J Cell Biochem** 1985; 27(2):121-32

Selective destruction of nerve growth factor receptor-bearing cells in vitro using a hybrid toxin composed of ricin A chain and a monoclonal antibody against the nerve growth factor receptor. DiStefano PS, et al. **J Cell Biol** 1985 Sep;101(3):1107-14

Blocking type antithyrotropin receptor antibody in patients with nongoitrous hypothyroidism: its incidence and characteristics of action. Arikawa K, et al. **J Clin Endocrinol Metab** 1985 May;60(5):953-9

A new murine monoclonal antibody reports an activation-dependent change in the conformation and/or microenvironment of the platelet glycoprotein IIb/IIIa complex. Coller BS. **J Clin Invest** 1985 Jul;76(1):101-8

Antiproliferative monoclonal antibodies: detection and initial characterization. Vaickus L, et al. **J Immunol** 1985 Sep; 135(3):1987-97

Polyalbumin receptors, hepatitis B surface antigen (HBsAg), and HBsAg/IgM complexes in HBsAg positive patients with and without delta superinfection. Craxì A, et al. **J Med Virol** 1985 Apr;15(4):383-8

Relapse of Graves' disease after medical therapy: predictive value of thyroidal technetium-99m uptake and serum thyroid stimulating hormone receptor antibody levels. Wilson R, et al. **J Nucl Med** 1985 Sep;26(9):1024-8

Hepatitis B vaccine with and without polymerised albumin receptors [letter] Coursaget P, et al. **Lancet** 1985 May 18; 1(8438):1152-3

Characterization of antisera to prolactin receptors. Kelly PA, et al. **Methods Enzymol** 1985;109:667-76

A monoclonal antibody to growth hormone receptors. Simpson JS, et al. **Methods Enzymol** 1985;109:692-703

Assay of antibodies directed against cell surface receptors. Taylor SI, et al. **Methods Enzymol** 1985;109:656-67

Biological effects in vitro of monoclonal antibodies to human epidermal growth factor receptors. Sato JD, et al. **Mol Biol Med** 1983 Dec;1(5):511-29

Anti-idiotypic antibodies as probes of cell surface receptors. Gaulton GN, et al. **Mol Cell Biochem** 1984 Nov;65(1):5-21 (116 ref.)

Identification of a monoclonal antibody which interacts with the parathyroid hormone receptor-adenylate cyclase system in murine bone. Weinshank RL, et al. **Mol Cell Endocrinol** 1985 Jul;41(2-3):237-46

Monoclonal antibody (EGR/G49) reactive with the epidermal growth factor receptor of A431 cells recognizes the blood group ALeb and ALey structures. Gooi HC, et al. **Mol Immunol** 1985 Jun;22(6):689-93

Autoantibody to the gastrin receptor in pernicious anemia. de Aizpurua HJ, et al. **N Engl J Med** 1985 Aug 22; 313(8):479-83

Monoclonal antibodies to a purified human transferrin receptor. Nikinmaa B, et al. **Scand J Immunol** 1984 Nov; 20(5):441-7

Radioreceptor assay study of TSH receptor antibody in thyroid diseases. Chang TC, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Jan;84(1):18-26

Monoclonal antibodies recognizing T-cells (Leu 1) and transferrin receptor (OKT 9) crossreact with malignant B-cells of distinct differentiation stages. Ludwig WD, et al. **Tumour Biol** 1984;5(6):321-6

[Clinical evaluation of TSH receptor antibodies in Graves' disease] Nakamura S, et al. **Kaku Igaku** 1984 Nov; 21(11):1487-93 **(Jpn)**

ISOLATION & PURIFICATION

Structural characteristics of the Leydig cell lactogen receptors. Bonifacino JS, et al. **Ann NY Acad Sci** 1984; 438:598-601

Isolation and characterization of two species of receptor which bind intrinsic factor. Marcoullis G, et al. **Arch Biochem Biophys** 1984 Dec;235(2):482-92

Purification of the epidermal growth factor receptor by tyrosine-Sepharose affinity chromatography. Akiyama T, et al. **Biochem Biophys Res Commun** 1985 Aug 30; 131(1):442-8

Structure of insulin/insulin-like growth factor-1 receptors on the insulinoma cell, RIN-m5F. Colman PG, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):657-62

Distinct atrial natriuretic factor receptor sites on cultured bovine aortic smooth muscle and endothelial cells. Schenk DB, et al. **Biochem Biophys Res Commun** 1985 Mar 15; 127(2):433-42

Reconstitution of membrane receptor systems. Levitzki A **Biochim Biophys Acta** 1985 Jun 12;822(1):127-53 (127 ref.)

Characterization of the 3,3',5-triiodo-L-thyronine-binding site on plasma membranes from human placenta. Alderson R, et al. **Endocrinology** 1985 Jun;116(6):2621-30

Demonstration of a 60K molecular weight luteinizing hormone-releasing hormone receptor in solubilized adrenal membranes by a ligand-immunoblotting technique. Eidne KA, et al. **Endocrinology** 1985 May;116(5):1792-5

Prolactin-binding components in rabbit mammary gland: characterization by partial purification and affinity labeling. Katoh M, et al. **Endocrinology** 1985 Jun;116(6):2612-20

Solubilization from rat pancreatic plasma membranes of a cholecystokinin (CCK) agonist-receptor complex interacting with guanine nucleotide regulatory proteins coexisting in the same macromolecular system. Lambert M, et al. **Eur J Biochem** 1985 Mar 15;147(3):611-7

Partial purification of the apolipoprotein E receptor of rat liver membrane. Kinoshita M, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1803-6

The subunit structure of the follitropin receptor. Chemical cross-linking of the solubilized follitropin-receptor complex. Branca AA, et al. **J Biol Chem** 1985 Aug 25; 260(18):9988-93

Auxin-binding protein from coleoptile membranes of corn (Zea mays L.). I. Purification by immunological methods and characterization. Löbler M, et al. **J Biol Chem** 1985 Aug 15;260(17):9848-53

Auxin-binding protein from coleoptile membranes of corn (Zea mays L.). II. Localization of a putative auxin receptor. Löbler M, et al. **J Biol Chem** 1985 Aug 15;260(17):9854-9

Properties of an interphotoreceptor retinoid-binding protein from bovine retina. Saari JC, et al. **J Biol Chem** 1985 Jan 10;260(1):195-201

Isolation and characterization of thrombomodulin from human placenta. Salem HH, et al. **J Biol Chem** 1984 Oct 10;259(19):12246-51

The A1 adenosine receptor. Solubilization and characterization of a guanine nucleo[illegible]-sensitive form of the receptor. Stiles GL. **J Biol Chem** 1985 Jun 10; 260(11):6728-32

Separation and characterization of a phosphatidylinositol kinase activity that co-purifies with the epidermal growth factor receptor. Thompson DM, et al. **J Biol Chem** 1985 Jul 25;260(15):8824-30

High density of somatostatin receptors in pituitary tumors from acromegalic patients. Reubi JC, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1148-51

Prostaglandin-sensitive adenylate cyclase of a murine macrophage-like cell line (P388D1): II. Isolation and partial characterization of PGE2-binding proteins. Fernandez-Botran R, et al. **J Immunol** 1984 Nov; 133(5):2662-7

The receptor for transferrin on murine myeloma cells: one-step purification based on its physiology, and partial amino acid sequence. van Driel IR, et al. **J Immunol** 1984 Dec;133(6):3220-4

Demonstration of functional low-density lipoprotein receptors by protein blotting in fibroblasts from a subject with homozygous receptor-negative familial hypercholesterolemia. Semenkovich CF, et al. **J Lab Clin Med** 1985 Jul;106(1):47-52

Updated protocols and comments on the purification without use of activating ligands of the coupling proteins Ns and Ni of the hormone sensitive adenylyl cyclase. Codina J, et al. **J Recept Res** 1984;4(1-6):411-42

Solubilized adrenal angiotensin II receptors: studies on the site of action of sodium and calcium ions, and on the role of disulfide bridges. Birabeau MA, et al. **Mol Cell Endocrinol** 1984 Sep;37(2):181-9

Characterization of the prolactin receptor in cell fractions from rat liver. Borst DW, et al. **Mol Cell Endocrinol** 1985 Feb;39(2):125-30

Purification of the photoaffinity-labeled glucagon receptor by gel electrophoretic methods. Horuk R, et al. **Prep Biochem** 1984;14(2):99-121

Purification of the platelet-derived growth factor receptor by using an anti-phosphotyrosine antibody. Daniel TO, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2684-7

Isolation and characterization of an olfactory receptor protein for odorant pyrazines. Pevsner J, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):3050-4

Solubilization and characterization of CCK receptors from mouse pancreas. Szecòwka J, et al. **Regul Pept** 1985 Mar; 10(2-3):71-83

Purification of the mitochondrial triiodothyronine (T3) receptor from rat liver. Sterling K, et al. **Trans Assoc Am Physicians** 1983;96:324-35

METABOLISM

Direct visualization of binding, aggregation and internalization of human growth hormone in cultured human lymphocytes. Eshet R, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):9-15

Nuclear reverse T3 binding sites: an artefact of isolation? Hartong R, et al. **Acta Endocrinol (Copenh)** 1985 Apr; 108(4):525-31

Specific receptors for epidermal growth factor in human bone tumour cells and its effect on synthesis of prostaglandin E2 by cultured osteosarcoma cell line. Hirata Y, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):125-30

Responses of patients with Bartter's syndrome to angiotensin III and angiotensin II-(3-8)-hexapeptide. Kono T, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):249-53

Comparison of growth hormone binding and metabolic response in rat adipocytes of epididymal, subcutaneous, and retroperitoneal origin. LaFranchi S, et al. **Acta Endocrinol (Copenh)** 1985 Sep;110(1):50-5

Correlation between the number of thyroliberin binding sites, the tumour size and the plasma prolactin level in human prolactin-secreting adenomas. Le Dafniet M, et al. **Acta Endocrinol (Copenh)** 1985 Apr;108(4):464-7

Different alterations of nuclear triiodothyronine receptor capacity in liver and kidney induced by starvation and triiodothyronine administration. Nakamura H, et al. **Acta Endocrinol (Copenh)** 1985 Feb;108(2):206-10

Fate of receptor-bound human chorionic gonadotrophin in pseudopregnant rat ovaries perfused in vitro. Rajaniemi H, et al. **Acta Endocrinol (Copenh)** 1985 May;109(1):115-21

Decrease of LRH receptors in the pituitary gland in streptozotocin-induced diabetic rats. Tasaka K, et al. **Acta Endocrinol (Copenh)** 1985 Sep;110(1):46-9

Low density lipoprotein receptor activity in human leukemic cells—relation to chromosome aberrations. Lindquist R, et al. **Acta Med Scand** 1985;217(5):553-8

A high-affinity folate binding protein in human cerebrospinal fluid. Hansen SI, et al. **Acta Neurol Scand** 1985 Feb; 71(2):133-5

Variations in binding of mammalian fibrinogens to streptococci groups A, B, C, E, G and to Staphylococcus aureus. Reuterswärd A, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Apr; 93(2):77-82

Angiotensin II receptors in the brain and adrenal glands of rats with experimental and spontaneous hypertension. Sirakova IA, et al. **Acta Physiol Pharmacol Bulg** 1984; 10(2):21-8

Changes in growth hormone binding and metabolic effects of growth hormone in rat adipocytes following hypophysectomy. Gause I, et al. **Acta Physiol Scand** 1985 Jun;124(2):229-38

Adenosine analogues stimulate cyclic AMP formation in rabbit cerebral microvessels via adenosine A2-receptors. Li YO, et al. **Acta Physiol Scand** 1985 Jun;124(2):253-9

Somatostatin receptors. Srikant CB, et al. **Adv Exp Med Biol** 1985;188:291-304

Apolipoprotein E: receptor binding properties. Weisgraber KH, et al. **Adv Exp Med Biol** 1985;183:159-71

Thromboxane- and ADP-independent aggregation and exposure of fibrinogen receptors on platelets from patients with familial hypercholesterolemia. Cerbone AM, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:231-3

Regulation versus modulation in GnRH receptor function. Zolman JC, et al. **Am J Med Sci** 1985 Mar;289(3):91-7

Estradiol potentiation of gonadotropin-releasing hormone responsiveness in the anterior pituitary is mediated by an increase in gonadotropin-releasing hormone receptors. Menon M, et al. **Am J Obstet Gynecol** 1985 Feb 15; 151(4):534-40

In vitro binding of insulin and epidermal growth factor to human endometrium and endocervix. Sheets EE, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):60-5

PGE2 binding, synthesis, and distribution in hen oviduct. Asbóth G, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E80-8

Reduction of pituitary GnRH receptors in immature rats treated with monosodium glutamate. Dalkin AC, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E126-31

Prolactin increases lipid fluidity and prolactin binding of rat prostatic membranes. Dave JR, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E687-93

Specific binding sites for ovine prolactin in three amphibian cell lines. Dunand M, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):C80-7

N-terminal fragments of CCK-(26-33) as cholecystokinin receptor antagonists in guinea pig pancreatic acini. Gardner JD, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G98-102

Water deprivation upregulates angiotensin II receptors in rat anterior pituitary. Israel A, et al. **Am J Physiol** 1985 Feb; 248(2 Pt 1):E264-7

Effects of benzyl alcohol on PTH receptor-adenylate cyclase system of canine kidney. Martin KJ, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E31-5

Effects of hypophysectomy and GH administration on bovine and human GH binding to rat liver membranes. Messina JL, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):E56-62

Characterization of cholecystokinin receptors on human gastric smooth muscle tumors. Miller LJ. **Am J Physiol** 1984 Oct;247(4 Pt 1):G402-10

Increased angiotensin II receptors in neuronal cultures from hypertensive rat brain. Raizada MK, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C364-72

Receptor for calcitonin gene-related peptide: binding to exocrine pancreas mediates biological actions. Seifert H, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):G147-51

Gastrin receptors on nonparietal cells isolated from canine fundic mucosa. Soll AH, et al. **Am J Physiol** 1984 Dec; 247(6 Pt 1):G715-23

Characterization of cholecystokinin receptors on bovine gallbladder membranes. Steigerwalt RW, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G709-14

Abnormal canine triiodothyronine-binding factor characterized as a possible triiodothyronine autoantibody. Young DW, et al. **Am J Vet Res** 1985 Jun;46(6):1346-50

Receptor-mediated endocytosis of glucagon in isolated mouse hepatocytes. Watanabe J, et al. **Anat Rec** 1984 Dec; 210(4):557-67

Thyroid hormone action at the nuclear level. Oppenheimer

JH. **Ann Intern Med** 1985 Mar;102(3):374–84 (84 ref.)

Gonadotropin–induced changes in the LH receptors in cultured Leydig cells: measurement of the immunoactive bound hormone. Barañao JL, et al. **Ann NY Acad Sci** 1984; 438:594–7

Cholecystokinin and cultured spinal neurons. Immunohistochemistry, receptor binding, and neurophysiology. Rogawski MA, et al. **Ann NY Acad Sci** 1985;448:403–12

Uptake of insulin and other ligands into receptor–rich endocytic components of target cells: the endosomal apparatus. Bergeron JJ, et al. **Annu Rev Physiol** 1985; 47:383–403 (171 ref.)

Regulation of high– and low–affinity epidermal growth factor receptors by glucocorticoids. Fanger BO, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):141–9

Partial characterization of nuclear binding sites for retinol delivered by cellular retinol binding protein. Liau G, et al. **Arch Biochem Biophys** 1985 Mar;237(2):354–60

2-Chloro–[3H]–adenosine binding in isolated rat kidney membranes. Wu PH, et al. **Arch Int Pharmacodyn Ther** 1985 Jan;273(1):83–7

Characterization of a human hepatic receptor for high density lipoproteins. Hoeg JM, et al. **Arteriosclerosis** 1985 May–Jun;5(3):228–37

Receptor binding profile of tibalosine, a new antihypertensive. Chatelain P, et al. **Arzneimittelforsch** 1984;34(7):754–8

Effects of probucol on the in vivo plasma clearance of human low density lipoproteins in rabbits and on the expression of lipoprotein receptors in vitro. Trezzi E, et al. **Atherosclerosis** 1984 Sep;52(3):309–16

Functional GIP receptors in a hamster pancreatic beta cell line, In 111: specific binding and biological effects. Amiranoff B, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):671–6

Distinct receptors for IGF–I, IGF–II, and insulin are present on bovine capillary endothelial cells and large vessel endothelial cells. Bar RS, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):203–9

Ceruloplasmin receptors of erythrocytes. Barnes G, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):157–62

Phorbol ester–induced threonine phosphorylation of the human epidermal growth factor receptor occurs within the EGF binding domain. Chinkers M, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):618–25

Specific photoaffinity labelling of inhibitory adenosine receptors. Choca JI, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):115–21

Chlordiazepoxide is a competitive thyrotropin–releasing hormone receptor antagonist in GH3 pituitary tumour cells. Drummond AH. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):63–70

Prolactin receptors in the rat mammary gland. Change during the estrous cycle. Guillaumot P, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):612–7

Aggregation state of the gonadotropin receptor. Harmatz D, et al. **Biochem Biophys Res Commun** 1985 Mar 15; 127(2):687–92

Evidence for the phosphorylation of the type II insulin–like growth factor receptor in cultured cells. Haskell JF, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):793–9

Photoaffinity labeling of gonadotropin releasing hormone receptors in control and desensitized pituitary cells. Hazum E, et al. **Biochem Biophys Res Commun** 1984 Dec 14; 125(2):532–8

Vascular receptor binding activities and cyclic GMP responses by synthetic human and rat atrial natriuretic peptides (ANP) and receptor down–regulation by ANP. Hirata Y, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):538–46

Specific receptors for atrial natriuretic factor (ANF) in cultured vascular smooth muscle cells of rat aorta. Hirata Y, et al. **Biochem Biophys Res Commun** 1984 Dec 14; 125(2):562–8

Specific binding sites for platelet activating factor in human lung tissues. Hwang SB, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):972–9

Monensin, like methylamine, prevents degradation of 125I–epidermal growth factor, causes intracellular accumulation of receptors and blocks the mitogenic response. King AC. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):585–91

Substrate specificities of insulin and epidermal growth factor receptor kinases. Klein HH, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):254–63

Photoaffinity labeling of atrial natriuretic factor receptor in bovine and rat adrenal cortical membranes. Misono KS, et al. **Biochem Biophys Res Commun** 1985 Aug 15; 130(3):994–1001

A synthetic fragment of rat transforming growth factor alpha with receptor binding and antigenic properties. Nestor JJ Jr, et al. **Biochem Biophys Res Commun** 1985 May 31; 129(1):226–32

Specific binding of synthetic human pancreatic growth hormone releasing factor (1–40–OH) to bovine anterior pituitaries. Veliçelebi G, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):33–9

Modulation of the activity of the platelet–derived growth factor receptor by phorbol myristate acetate. Whiteley B, et al. **Biochem Biophys Res Commun** 1985 Jun 28; 129(3):854–61

The binding of thyroid hormone receptors to DNA. Wilson BD, et al. **Biochem Biophys Res Commun** 1984 Oct 15; 124(1):29–36

Functional receptors for epidermal growth factor in an epithelial–cell line derived from the rat small intestine. Blay J, et al. **Biochem J** 1985 Jan 1;225(1):85–94

Loss of epidermal growth factor receptors and release of transforming growth factors do not correlate with sarcoma virus–transformation in clonally–related NIH/3T3–derived cell lines. Brown KD, et al. **Biochem J** 1985 Jul 1; 229(1):119–25

Analysis of thyrotropin receptors by photoaffinity labelling. Orientation of receptor subunits in the cell membrane. Kajita Y, et al. **Biochem J** 1985 Apr 15;227(2):413–20

Identification of the angiotensin II receptor in rat mesenteric artery. McQueen J, et al. **Biochem J** 1984 Nov 1; 223(3):659–71

'Non–specific' binding. The problem, and a solution. Mendel CM, et al. **Biochem J** 1985 May 15;228(1):269–72

Binding in vitro to rat liver receptors does not correlate with activities in vivo of bovine somatotropin. Use of chemically modified derivatives as probes. Roguin LP, et al. **Biochem J** 1984 Dec 1;224(2):535–40

Characterization of prolactin receptors in pig mammary gland. Sakai S, et al. **Biochem J** 1984 Dec 15;224(3):911–22

Receptor–binding and down–regulatory properties of 22000–Mr human growth hormone and its natural 20000–Mr variant on IM–9 human lymphocytes. Smal J, et al. **Biochem J** 1985 Jan 15;225(2):283–9

Evidence that non–covalent forces, thiol and disulphide groups affect the structure and binding properties of the prolactin receptor on hepatocytes from pregnant rats. Yamada K, et al. **Biochem J** 1985 Jun 1;228(2):383–90

3'–Acetyl–3,5–diiodo–L–thyronine: a novel highly active thyromimetic with low receptor affinity. Benson MG, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3143–9

Chemical mechanisms for photoaffinity labeling of receptors. Cavalla D, et al. **Biochem Pharmacol** 1985 Aug 15; 34(16):2821–6

Contrasting roles for receptor–stimulated inositol lipid metabolism in secretory cells. Cockcroft S. **Biochem Soc Trans** 1984 Dec;12(6):966–8

Kinetics of the interaction of hemin liposomes with heme binding proteins. Cannon JB, et ai. **Biochemistry** 1984 Jul 31;23(16):3715–21

Synthetic tools for adrenocorticotropin receptor identification. Finn FM, et al. **Biochemistry** 1985 Apr 9; 24(8):1960–5

Thrombin binds to a high–affinity approximately 900 000–dalton site on human platelets. Harmon JT, et al. **Biochemistry** 1985 Jan 1;24(1):58–64

Structure of the thyrotropin receptor and thyroid adenylate cyclase system as determined by target analysis. Nielsen TB, et al. **Biochemistry** 1984 Dec 4;23(25):6009–16

A specific subunit of vitellogenin that mediates receptor binding. Woods JW, et al. **Biochemistry** 1984 Nov 20; 23(24):5774–80

Triiodothyronine nuclear receptor and the role of non–histone protein factors in in vitro triiodothyronine binding. Bismuth J, et al. **Biochim Biophys Acta** 1985 Jun 18;840(2):271–9

Characterisation of heterologous and homologous low–density lipoprotein binding to apolipoprotein B,E receptors on porcine adrenal cortex membranes: enhanced binding of trypsin–modified human low–density lipoprotein. Chapman MJ, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):258–72

Endocrine–mediated parallel changes in hepatic glucocorticoid and prolactin receptors. Dave JR, et al. **Biochim Biophys Acta** 1985 May 30;845(2):276–82

Modulation of prolactin binding sites in vitro by membrane fluidizers. Effects on male prostatic and female hepatic membranes in alcohol–fed rats. Dave JR, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):313–20

Characteristics of the binding of high–density lipoprotein3 by intact cells and membrane preparations of rat intestinal mucosa. Kagami A, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):179–90

Subcellular localization of prostaglandin E2 binding sites in bovine adrenal medulla. Karaplis AC, et al. **Biochim Biophys Acta** 1984 Sep 28;801(2):189–96

Prolactin uptake into liver endocytic components. Reduced sensitivity to chloroquine. Khan RJ, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):77–83

Studies on structure–function relationships of human choriogonadotropins with C–terminally shortened alpha–subunits. I. Receptor binding and immunologic properties. Merz WE, et al. **Biochim Biophys Acta** 1985 Jan 18;844(1):62–6

Luteinizing hormone receptors and progesterone content in porcine corpora lutea after prostaglandin F2 alpha. Barb CR, et al. **Biol Reprod** 1984 Dec;31(5):913–9

Characterization of luteinizing hormone–human chorionic gonadotropin receptor and its relationships to testicular development and steroidogenesis during sexual maturation in boars. Berardinelli JG, et al. **Biol Reprod** 1984 Oct; 31(3):541–7

Regulation of infant and developing rat testicular gonadotropin and prolactin receptors and steroidogenesis by treatments with human chorionic gonadotropin, gonadotropin–releasing hormone analogs, bromocriptine, prolactin, and estrogen. Huhtaniemi IT, et al. **Biol Reprod** 1985 May;32(4):721–32

Down regulation of prolactin receptors in the hamster ovary by the preovulatory gonadotropin surge. Oxberry BA, et al. **Biol Reprod** 1984 Oct;31(3):464–70

Pituitary luteinizing hormone–releasing hormone receptors in ovariectomized cows after challenge with ovarian steroids. Schoenemann HM, et al. **Biol Reprod** 1985 Apr; 32(3):574–83

Secretion of an inhibitor of follicle–stimulating hormone binding to receptor by the bacteria Serratia, including a strain isolated from porcine follicular fluid. Sluss PM, et al. **Biol Reprod** 1984 Oct;31(3):520–30

Effects of the intensity of the suckling stimulus and ovarian steroids on pituitary gonadotropin–releasing hormone receptors during lactation. Smith MS. **Biol Reprod** 1984 Oct;31(3):548–55

Effect of number of receptors for gonadotropin–releasing hormone on the release of luteinizing hormone. Wise ME, et al. **Biol Reprod** 1984 Dec;31(5):1007–13

Polymerized human serum albumin binding activity of sera from patients with various liver disorders (studied by a passive hemagglutination test). Claustres M, et al. **Biomed Pharmacother** 1985;39(2):100–2

The effect of diffusion on the binding of membrane–bound receptors to coated pits. Keizer J, et al. **Biophys J** 1985 Jan;47(1):79–87

The use of a prostacyclin analogue, [3H]iloprost, for studying prostacyclin–binding sites on human platelets and neuronal hybrid cells. Hall JM, et al. **Biosci Rep** 1984 Nov; 4(11):941–8

Angiotensin as a model for hormone––receptor interactions. Moore GJ, et al. **Biosci Rep** 1985 May;5(5):407–16

Receptor distribution and the endothelial uptake of transcobalamin II in liver cell suspensions. Soda R, et al. **Blood** 1985 Apr;65(4):795–802

Expression of transferrin receptors and intracellular ferritin during terminal differentiation of human monocytes. Andreesen R, et al. **Blut** 1984 Sep;49(3):195–202

Role of carbohydrates in cell membrane receptors for vesicular stomatitis virus. Seganti L, et al. **Boll Ist Sieroter Milan** 1982;61(4):294–9

Phylogenetically more conservative epitopes among monoclonal antibody–defined antigenic sites of human transferrin are involved in receptor binding. Bártek J, et al. **Br J Haematol** 1985 Mar;59(3):435–41

The iron–chelating agent picolinic acid enhances transferrin receptors expression in human erythroleukaemic cell lines. Testa U, et al. **Br J Haematol** 1985 Jul;60(3):491–502

Chronic polyhydramnios is a syndrome with a lactogen receptor defect in the chorion laeve. Healy DL, et al. **Br J Obstet Gynaecol** 1985 May;92(5):461–7

Competitive antagonism at thromboxane receptors in human platelets. Armstrong RA, et al. **Br J Pharmacol** 1985 Mar; 84(3):595–607

Hypothermia–induced supersensitivity to adenosine for responses mediated via A1–receptors but not A2–receptors. Broadley KJ, et al. **Br J Pharmacol** 1985 Feb;84(2):407–15

Location of [125I]–angiotensin II receptors on rat kidney cortex epithelial cells. Cox HM, et al. **Br J Pharmacol** 1984 Aug;82(4):891–5

The adenosine receptor activity of EMD 28422, a purine derivative with reported actions on benzodiazepine receptors. Dunwiddie TV, et al. **Br J Pharmacol** 1985 Mar; 84(3):625–30

Desensitization of prostacyclin responsiveness in a neuronal hybrid cell line: selective loss of high affinity receptors. Leigh PJ, et al. **Br J Pharmacol** 1985 May;85(1):237–47

Benzodiazepines modulate the A2 adenosine binding sites on 108CC15 neuroblastoma X glioma hybrid cells. Snell CR, et al. **Br J Pharmacol** 1984 Nov;83(3):791–8

Brain somatostatin receptor subpopulation visualized by autoradiography. Maurer R, et al. **Brain Res** 1985 Apr 29; 333(1):178–81

Thyrotropin–releasing hormone (TRH): apparent receptor binding in rat spinal cord. Prasad C, et al. **Brain Res** 1984 Oct 8;311(1):1–6

Angiotensin II receptor localization in the canine CNS. Speth RC, et al. **Brain Res** 1985 Feb 4;326(1):137–43

The regional distribution of receptors for vasoactive intestinal polypeptide (VIP) in the rat central nervous system. Staun–Olsen P, et al. **Brain Res** 1985 Mar 25;330(2):317–21

Heterogeneous distribution of adenosine transport sites labelled by [3H]nitrobenzylthioinosine in rat brain: an autoradiographic and membrane binding study. Geiger JD, et al. **Brain Res Bull** 1984 Nov;13(5):657–66

Characterization of angiotensin II binding sites on neuroblastoma X glioma hybrid cells. Weyhenmeyer JA, et al. **Brain Res Bull** 1985 May;14(5):409–14

Epidermal growth factor receptors in human breast cancer. Pérez R, et al. **Breast Cancer Res Treat** 1984;4(3):189–93

Receptors for multiplication–stimulating activity (MSA) on rabbit chondrocytes. Ashton IK, et al. **Calcif Tissue Int** 1984 Sep;36(5):576–9

Anti–idiotypic antibodies as probes for hormone–receptor interaction. Farid NR, et al. **Can J Biochem Cell Biol** 1984 Nov;62(11):1255–67

Phosphorylation of the transferrin receptor in isolated sheep reticulocyte plasma membranes. Johnstone RM, et al. **Can J Biochem Cell Biol** 1984 Sep;62(9):927–34

The fate of the transferrin receptor during maturation of sheep reticulocytes in vitro. Johnstone RM, et al. **Can J Biochem Cell Biol** 1984 Nov;62(11):1246–54

Chemistry, structure, and function of insulin-like growth factors and their receptors: a review. Perdue JF. **Can J Biochem Cell Biol** 1984 Nov;62(11):1237–45 (77 ref.)

Interaction of prolactin (PRL) binding sites with PRL receptor antibodies in rat liver cells in suspension culture: effect of inhibitors of cellular functions. Ferland LH, et al. **Can J Physiol Pharmacol** 1984 Nov;62(11):1429–33

Evidence for oxytocin receptors in the urinary bladder of the rabbit. Romine MT, et al. **Can J Physiol Pharmacol** 1985 Apr;63(4):287–91

Receptors for plasminogen activator, urokinase, in normal and Rous sarcoma virus-transformed mouse fibroblasts. Del Rosso M, et al. **Cancer Res** 1985 Feb;45(2):630–6

Receptor binding and growth-promoting activity of insulin-like growth factors in human breast cancer cells (T-47D) in culture. Myal Y, et al. **Cancer Res** 1984 Dec; 44(12 Pt 1):5486–90

Antisera specificities to beta-D-galactopyranoside cluster ligands. Makhlouf SE, et al. **Carbohydr Res** 1984 Sep 1; 132(1):93–103

EGF receptor affinity is regulated by intracellular calcium and protein kinase C. Fearn JC, et al. **Cell** 1985 Apr; 40(4):991–1000

Kinetics of transit of transferrin and epidermal growth factor through clathrin-coated membranes. Hanover JA, et al. **Cell** 1984 Dec;39(2 Pt 1):283–93

The appearance and internalization of transferrin receptors at the margins of spreading human tumor cells. Hopkins CR. **Cell** 1985 Jan;40(1):199–208

Antibodies against a synthetic peptide as a probe for the kinase activity of the avian EGF receptor and v-erbB protein. Kris RM, et al. **Cell** 1985 Mar;40(3):619–25

Localization of putative gonadotrophin releasing hormone receptor protein in the anterior pituitary. Zolman JC, et al. **Cell Biochem Funct** 1984 Oct;2(4):208–12

Expression of the transferrin receptor on murine peritoneal macrophages is modulated by in vitro treatment with interferon gamma. Hamilton TA, et al. **Cell Immunol** 1984 Dec;89(2):478–88

Murine monocytes express transferrin receptors: evidence for similarity to inflammatory macrophages. Weiel JE, et al. **Cell Immunol** 1984 Oct 15;88(2):343–9

Intracellular pathways of receptor-bound GnRH agonist in pituitary gonadotropes. Hazum E, et al. **Cell Tissue Res** 1985;239(1):3–8

Evidence for an association between calmodulin and membrane patches containing gonadotropin-releasing hormone--receptor complexes in cultured gonadotropes. Jennes L, et al. **Cell Tissue Res** 1985;239(2):311–5

The presence of vasoactive intestinal polypeptide (VIP)-like-immunoreactive nerve fibres and VIP-receptors in the pineal gland of the Mongolian gerbil (Meriones unguiculatus). An immunohistochemical and receptor-autoradiographic study. Møller M, et al. **Cell Tissue Res** 1985;241(2):333–40

Vascular and adrenal receptors for atrial natriuretic factor in the rat. Schiffrin EL, et al. **Circ Res** 1985 Jun;56(6):801–7

Localization of angiotensin receptors in the canine CNS. Speth RC, et al. **Clin Exp Hypertens [A]** 1984; 6(10–11):1749–53

Pharmacology and receptor binding of atrial natriuretic factor in vascular smooth muscle. Winquist RJ, et al. **Clin Exp Hypertens [A]** 1985;7(5–6):869–86

Simultaneous presence of estrogen receptors and gonadotropin-releasing hormone in the hypothalamus and of estrogen receptors and follicle-stimulating hormone in the pituitary of the fetal guinea pig. Tardy J, et al. **Clin Neuropharmacol** 1984;7(4):312–9

The behavior of transferrin receptors in rat hepatocyte plasma membranes. Morley CG, et al. **Clin Physiol Biochem** 1983;1(6):318–28

Endocrine control of glomerular filtration rate. Ardaillou R, et al. **Contrib Nephrol** 1984;41:10–9

Isolation and evaluation of target cells in glaucoma research: hormone receptors and drug responses. Polansky JR, et al. **Curr Eye Res** 1985 Mar;4(3):267–79

Single-cell analysis of the relationship among transferrin receptors, proliferation, and cell cycle phase in K562 cells. Rudolph NS, et al. **Cytometry** 1985 Mar;6(2):151–8

Sialic acid residues on NGF receptors on PC12 cells. Vale RD, et al. **Dev Neurosci** 1985;7(1):55–64

Characteristics of the interaction of the glucagon receptor, cAMP, and insulin secretion in parent cells and clone 5F of a cultured rat insulinoma. Korman LY, et al. **Diabetes** 1985 Aug;34(8):717–22

Localization of saturable CCK binding sites in rat pancreatic islets by light and electron microscope autoradiography. Sakamoto C, et al. **Diabetes** 1985 Apr;34(4):390–4

Expression of EGF receptor and transferrin by F9 and PC13 teratocarcinoma cells. Adamson ED, et al. **Differentiation** 1984;27(2):152–7

The spatial and temporal pattern of beta NGF receptor expression in the developing chick embryo. Raivich G, et al. **EMBO J** 1985 Mar;4(3):637–44

High affinity epidermal growth factor receptors on the surface of A431 cells have restricted lateral diffusion. Rees AR, et al. **EMBO J** 1984 Aug;3(8):1843–7

Interaction of high density lipoproteins with cholesteryl ester-laden macrophages: biochemical and morphological characterization of cell surface receptor binding, endocytosis and resecretion of high density lipoproteins by macrophages. Schmitz G, et al. **EMBO J** 1985 Mar; 4(3):613–22

Specific binding of radioiodinated granulocyte-macrophage colony-stimulating factor to hemopoietic cells. Walker F, et al. **EMBO J** 1985 Apr;4(4):933–9

Recycling of transferrin receptors in A431 cells is inhibited during mitosis. Warren G, et al. **EMBO J** 1984 Oct; 3(10):2217–25

Corticotropin receptors, cyclic AMP and steroidogenesis. Ramachandran J. **Endocr Res** 1984–85;10(3–4):347–63 (30 ref.)

Quantitative differences between immunological and receptor binding activities of hGH in pituitary adenomas from patients with acromegaly. Hizuka N, et al. **Endocrinol Jpn** 1984 Dec;31(6):719–24

Increases in ovarian GnRH receptors by following GnRH treatment. Uemura T, et al. **Endocrinol Jpn** 1984 Aug; 31(4):377–86

Polyphloretin phosphate, an antagonist of thyrotropin action: evidence for an interaction with the hormone rather than the receptor. Amir SM, et al. **Endocrinology** 1985 Sep; 117(3):860–8

Polypeptide hormone receptor phosphorylation: is there a role in receptor-mediated endocytosis of human growth hormone? Asakawa K, et al. **Endocrinology** 1985 Aug; 117(2):631–7

Ontogeny of hypothalamic luteinizing hormone-releasing hormone (GnRH) and pituitary GnRH receptors in fetal and neonatal rats. Aubert ML, et al. **Endocrinology** 1985 Apr;116(4):1565–76

A novel type of vasopressin receptor on anterior pituitary corticotrophs? Baertschi AJ, et al. **Endocrinology** 1985 Feb; 116(2):499–502

Opioid and neurotransmitter regulation of pituitary gonadotropin-releasing hormone (GnRH) receptors in the ovariectomized estradiol-treated rat: role of altered GnRH secretion. Barkan AL, et al. **Endocrinology** 1985 Mar; 116(3):1003–10

Measurement of growth hormone and prolactin receptor turnover in rat liver. Baxter RC. **Endocrinology** 1985 Aug; 117(2):650–5

Induction of hepatic receptors for growth hormone (GH) and prolactin by GH infusion is sex independent. Baxter RC, et al. **Endocrinology** 1984 Nov;115(5):2009–14

Characterization of insulin-like growth factor I receptors on cultured rat bone cells: regulation of receptor concentration by glucocorticoids. Bennett A, et al. **Endocrinology** 1984 Oct;115(4):1577–83

Ontogeny and characterization of basic somatomedin receptors in rat placenta. Bhaumick B, et al. **Endocrinology** 1985 Feb;116(2):492–8

Growth hormone binding to specific receptors stimulates growth and function of cloned insulin-producing rat insulinoma RIN-5AH cells. Billestrup N, et al. **Endocrinology** 1985 Mar;116(3):1175–81

Lactogen receptors in rat Leydig cells: analysis of their structure with bifunctional cross-linking reagents. Bonifacino JS, et al. **Endocrinology** 1985 Apr;116(4):1610–4

TSH crosslinks to the TSH receptor through the beta subunit. Buckland PR, et al. **Endocrinology** 1985 May;116(5):2122–4

Evidence for two populations of masked gonadotropin-binding sites in the corpus luteum of the rhesus monkey (Macaca mulatta). Danforth DR, et al. **Endocrinology** 1985 Aug;117(2):747–54

Modulation of membrane fluidity in the primate (Macaca mulatta) corpus luteum: correlation with changes in gonadotropin binding. Danforth DR, et al. **Endocrinology** 1985 Aug;117(2):755–61

Positive regulation of the guinea pig thyrotropin receptor. Davies TF. **Endocrinology** 1985 Jul;117(1):201–7

Specific receptor-mediated inhibition by synthetic atrial natriuretic factor of hormone-stimulated steroidogenesis in cultured bovine adrenal cells. De Léan A, et al. **Endocrinology** 1984 Oct;115(4):1636–8

Epidermal growth factor receptor levels in mouse mammary glands in various physiological states. Edery M, et al. **Endocrinology** 1985 Jul;117(1):405–11

The effect of chloroquine on lysosomal prolactin receptors in rat liver. Ferland LH, et al. **Endocrinology** 1984 Nov; 115(5):1842–9

Adrenocorticotropin receptors in rat adrenal glomerulosa cells. Gallo-Payet N, et al. **Endocrinology** 1985 Jul; 117(1):38–46

Epidermal growth factor receptors in isolated adult mouse intestinal cells: studies in vivo and in organ culture. Gallo-Payet N, et al. **Endocrinology** 1985 Jan; 116(1):194–201

Putative nuclear triiodothyronine receptors in tadpole erythrocytes during metamorphic climax. Galton VA, et al. **Endocrinology** 1985 Jan;116(1):99–104

Hyperprolactinemia inhibits gonadotropin-releasing hormone (GnRH) stimulation of the number of pituitary GnRH receptors. Garcia A, et al. **Endocrinology** 1985 Sep; 117(3):954–9

Turnover of growth hormone receptors in rat adipocytes. Gorin E, et al. **Endocrinology** 1985 May;116(5):1796–805

Characterization of adrenocorticotropin receptors that appear when 3T3-L1 cells differentiate into adipocytes. Grunfeld C, et al. **Endocrinology** 1985 Jan;116(1):113–7

Secreted mouse prolactin (PRL) and stored ovine PRL. II. Role of amides in receptor binding and immunoreactivity. Haro LS, et al. **Endocrinology** 1985 Jan;116(1):353–8

Somatostatin-14 and somatostatin-28 pretreatment down-regulate somatostatin-14 receptors and have biphasic effects on forskolin-stimulated cyclic adenosine 3',5'-monophosphate synthesis and adrenocorticotropin secretion in mouse anterior pituitary tumor cells. Heisler S, et al. **Endocrinology** 1985 Jul;117(1):217–25

Vasoactive intestinal peptide binding to specific receptors on rat parotid acinar cells induces amylase secretion accompanied by intracellular accumulation of cyclic adenosine 3'-5'-monophosphate. Inoue Y, et al. **Endocrinology** 1985 Feb;116(2):686–92

Photoaffinity labeling of pituitary and gonadal receptors for gonadotropin-releasing hormone. Iwashita M, et al. **Endocrinology** 1985 Aug;117(2):738–46

Androgen inhibition of follicle-stimulating hormone-stimulated luteinizing hormone receptor formation in cultured rat granulosa cells. Jia XC, et al. **Endocrinology** 1985 Jul;117(1):13–22

Homologous regulation of hormone receptors: luteinizing hormone increases its own receptors in cultured rat granulosa cells. Jia XC, et al. **Endocrinology** 1984 Dec; 115(6):2433–9

Characterization of the receptors for insulin and the insulin-like growth factors on micro- and macrovascular tissues. Jialal I, et al. **Endocrinology** 1985 Sep;117(3):1222–9

Modulation of somatostatin binding to rat pituitary membranes by exogenously administered growth hormone. Katakami H, et al. **Endocrinology** 1985 Aug;117(2):557–60

Involvement of plasma membrane enzymes in the proteolytic cleavage of luteinizing hormone receptor. Kellokumpu S, et al. **Endocrinology** 1985 Feb;116(2):707–14

Rat parathyroid hormone-(1–34) fragment: renal adenylate cyclase activity and receptor binding properties in vitro. Keutmann HT, et al. **Endocrinology** 1985 Sep;117(3):1230–4

Hormonal regulation of prolactin receptors in male rat target tissues: the effect of hypothyroidism and adrenalectomy. Kharroubi AT, et al. **Endocrinology** 1984 Oct;115(4):1283–8

Specific receptors for vasopressin in the pituitary gland: evidence for down-regulation and desensitization to adrenocorticotropin-releasing factors. Koch B, et al. **Endocrinology** 1985 Feb;116(2):671–6

Hormonal regulation of myometrial estrogen, progesterone, and oxytocin receptors in the pregnant and pseudopregnant hamster. Leavitt WW. **Endocrinology** 1985 Mar; 116(3):1079–84

Prostaglandin F2 alpha inhibits luteinizing hormone (LH)-induced increase in LH receptor binding to isolated rat luteal cells. Luborsky JL, et al. **Endocrinology** 1984 Dec; 115(6):2210–6

Luteinizing hormone (LH) receptor aggregation: modification of ferritin-LH binding and aggregation by prostaglandin F2 alpha and ferritin-LH. Luborsky JL, et al. **Endocrinology** 1984 Dec;115(6):2217–26

Pharmacological characterization of the angiotensin receptor negatively coupled with adenylate cyclase in rat anterior pituitary gland. Marie J, et al. **Endocrinology** 1985 Mar; 116(3):1044–50

Identification and characterization of arginine vasopressin receptors in the rat testis. Meidan R, et al. **Endocrinology** 1985 Jan;116(1):416–23

Receptors for epidermal growth factor in the rat uterus. Mukku VR, et al. **Endocrinology** 1985 Jul;117(1):149–54

The mouse fibroblast growth hormone receptor: ligand processing and receptor modulation and turnover. Murphy LJ, et al. **Endocrinology** 1984 Oct;115(4):1625–32

Differences in the lateral mobility of receptors for luteinizing hormone (LH) in the luteal cell plasma membrane when occupied by ovine LH versus human chorionic gonadotropin. Niswender GD, et al. **Endocrinology** 1985 Jan;116(1):164–9

Effects of photoperiod, castration, and gonadotropin-releasing hormone (GnRH) on the number of GnRH receptors in male golden hamsters. Pieper DR. **Endocrinology** 1984 Nov;115(5):1857–62

Differences in the behavior of luteinizing hormones of various species at the rat gonadal cell receptor site. Rani CS, et al. **Endocrinology** 1985 Feb;116(2):597–603

A simple and rapid method using polyethylenimine-treated filters for assay of solubilized LH/hCG receptors. Roche PC, et al. **Endocrinology** 1985 Aug;117(2):790–2

Interaction of triiodothyronine-receptor complexes with simian virus 40 minichromosomes in monkey kidney CV-1 cells. Savouret JF, et al. **Endocrinology** 1985 Apr; 116(4):1259–66

Rat hepatocyte insulin-like growth factor I and binding protein: effect of growth hormone in vitro and in vivo. Scott CD, et al. **Endocrinology** 1985 Mar;116(3):1102–7

Growth hormone-releasing factor binding sites in rat anterior pituitary membrane homogenates: modulation by glucocorticoids. Seifert H, et al. **Endocrinology** 1985 Jul; 117(1):424–6

Protein kinase activity in the rat mammary gland during pregnancy, lactation, and weaning: a correlation with growth but not with progesterone receptor levels. Sharoni Y, et al. **Endocrinology** 1984 Nov;115(5):1918–24

Relationship between receptor binding and biopotency of somatostatin-14 and somatostatin-28 in mouse pituitary tumor cells. Srikant CB, et al. **Endocrinology** 1985 Jul; 117(1):271–8

Impaired parathyroid hormone receptor-adenylate cyclase system in the postobstructed canine kidney. Stokes TJ, et al. **Endocrinology** 1985 Mar;116(3):1060–5

CI628 inhibits follicle-stimulating hormone (FSH)-induced increases in FSH receptors of the rat ovary: requirement of estradiol for FSH action. Tonetta SA, et al. **Endocrinology** 1985 Feb;116(2):715–22

Pancreatic hormone receptors on islet cells. Van Schravendijk CF, et al. **Endocrinology** 1985 Sep; 117(3):841–8

Secretion of luteinizing hormone (LH) and pituitary receptors for LH–releasing hormone as modified by the proestrous surge of progesterone. Witcher JA, et al. **Endocrinology** 1984 Dec;115(6):2189–94

Receptor–mediated endocytosis of polymeric IgA and galactosylated serum albumin in rat liver. Evidence for intracellular ligand sorting and identification of distinct endosomal compartments. Limet JN, et al. **Eur J Biochem** 1985 Feb 1;146(3):539–48

A high–affinity site for glutathione in the cytoplasm of Escherichia coli and its possible role in potassium retention. Meury J, et al. **Eur J Biochem** 1985 Apr 1;148(1):113–8

Covalent cross–linking of vasoactive intestinal peptide (VIP) to its receptor in intact colonic adenocarcinoma cells in culture (HT 29). Muller JM, et al. **Eur J Biochem** 1985 Sep 2;151(2):411–7

Neuropeptide Y receptor in the rat brain. Undén A, et al. **Eur J Biochem** 1984 Dec 17;145(3):525–30

Visualization of epidermal growth factor receptor in cryosections of cultured A431 cells by immuno–gold labeling. Boonstra J, et al. **Eur J Cell Biol** 1985 Mar; 36(2):209–16

Morphological analysis of ligand uptake and processing: the role of multivesicular endosomes and CURL in receptor–ligand processing. Harding C, et al. **Eur J Cell Biol** 1985 Mar;36(2):230–8

Endocytosis and intracellular processing of transferrin and colloidal gold–transferrin in rat reticulocytes: demonstration of a pathway for receptor shedding. Harding C, et al. **Eur J Cell Biol** 1984 Nov;35(2):256–63

Demonstration of receptor binding of two apo–B containing lipoproteins by differential labelling with colloidal gold. Hesz A, et al. **Eur J Cell Biol** 1985 May;37:229–33

[3H]oxytocin binding sites in the rat brain demonstrated by quantitative light microscopic autoradiography. Brinton RE, et al. **Eur J Pharmacol** 1984 Jul 13;102(2):365–7

Visualization of calcitonin gene–related peptide receptors in the rat brain. Dawbarn D, et al. **Eur J Pharmacol** 1985 May 20;111(3):407–8

Thromboxane receptor antagonist properties of SQ 27,427 in the anesthetized guinea pig. Greenberg R, et al. **Eur J Pharmacol** 1984 Aug 3;103(1–2):19–24

Effects of SQ 27,427, a thromboxane A2 receptor antagonist, in the human platelet and isolated smooth muscle. Harris DN, et al. **Eur J Pharmacol** 1984 Aug 3;103(1–2):9–18

L–AMP–PCP, an ATP receptor agonist in guinea–pig bladder, is inactive on taenia coli. Hourani SM, et al. **Eur J Pharmacol** 1985 Jan 22;108(2):197–200

Cholecystokinin–octapeptide fragments: binding to brain cholecystokinin receptors. Knight M, et al. **Eur J Pharmacol** 1984 Oct 1;105(1–2):49–55

Regulation of ligand binding to leukotriene D4 receptors: effects of cations and guanine nucleotides. Mong S, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):241–53

Leukotriene E4 binds specifically to LTD4 receptors in guinea pig lung membranes. Mong S, et al. **Eur J Pharmacol** 1985 Feb 26;109(2):183–92

Characterization of the leukotriene D4 receptor in guinea–pig lung. Mong S, et al. **Eur J Pharmacol** 1984 Jun 15; 102(1):1–11

[125I]N6–(3–iodo–4–hydroxyphenyl)isopropyladenosine: the use of the diastereomers as ligands for adenosine receptors in rat brain. Munshi R, et al. **Eur J Pharmacol** 1985 Apr 23;111(1):107–15

Ceruloplasmin receptors in liver cell suspensions are limited to the endothelium. Kataoka M, et al. **Exp Cell Res** 1984 Nov;155(1):232–40

A method to measure receptor binding of ligands with low affinity. Application to plasma proteins binding assay with hemopoietic cells. Levesque JP, et al. **Exp Cell Res** 1985 Feb;156(2):558–62

Transferrin receptors and iron utilization in DMSO–inducible and –uninducible Friend erythroleukemia cells. Wilczynska A, et al. **Exp Cell Res** 1984 Oct;154(2):561–6

Latencies and phosphomannosyl–enzyme receptors of lysosomal enzymes during the appearance and repair of exercise injuries in mouse skeletal muscles. Salminen A. **Exp Mol Pathol** 1984 Dec;41(3):409–18

Role of phospholipids in the binding activity of vasoactive intestinal peptide receptors. Sarrieau A, et al. **Experientia** 1985 May 15;41(5):631–3

Vasoactive intestinal peptide receptor activity and specificity during enterocyte–like differentiation and retrodifferentiation of the human colonic cancerous subclone HT29–18. Chastre E, et al. **FEBS Lett** 1985 Sep 2;188(2):197–204

Determination of the functional molecular size of vasopressin isoreceptors. Crause P, et al. **FEBS Lett** 1984 Oct 1; 175(2):383–6

Vasoactive intestinal peptide receptor activity in human fetal enterocytes. Gespach C, et al. **FEBS Lett** 1985 Jan 28; 180(2):196–202

Involvement of lysine residues in the binding of hGH and bGH to somatotropic receptors. Martal J, et al. **FEBS Lett** 1985 Jan 28;180(2):295–9

Modelling the ATP–binding site of oncogene products, the epidermal growth factor receptor and related proteins. Sternberg MJ, et al. **FEBS Lett** 1984 Oct 1;175(2):387–92

Prolactin receptors in tilapia (Sarotherodon mossambicus) tissues: binding studies using 125I–labeled ovine prolactin. Edery M, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):19–23

3,5,3'–Triiodothyronine receptors and thyroxine 5'–monodeiodinating activity in thyroid hormone–insensitive amphibia. Galton VA. **Gen Comp Endocrinol** 1985 Mar;57(3):465–71

Immersion of rainbow trout in 3,5,3'–triiodo–L–thyronine (T3): effects on plasma T3 levels and hepatic nuclear T3 binding. Omeljaniuk RJ, et al. **Gen Comp Endocrinol** 1985 Apr;58(1):81–8

Prostaglandin A2 receptor in rat intestinal basolateral plasma membranes. Matsukawa R, et al. **Gen Pharmacol** 1985; 16(2):121–4

Characterization of recognition sites on bacteriophage HP1c1 DNA which interact with the DNA uptake system of Haemophilus influenzae Rd. Fitzmaurice WP, et al. **Gene** 1984 Nov;31(1–3):187–96

Studies on neurotransmitter binding in senile dementia. Comparison of Alzheimer's and mixed vascular–Alzheimer's dementias. Jenni–Eiermann S, et al. **Gerontology** 1984;30(6):350–8

Binding and receptors for human albumin polymers and IgM/HBs circulating complex in HBsAg chronic carriers. Sansonno DE, et al. **Hepatogastroenterology** 1985 Jun; 32(3):121–5

Plasminogen activator: morphological evidence of binding, internalization and delivery to lysosomes in 3T3 mouse fibroblasts. Dini G, et al. **Histochem J** 1985 Mar; 17(3):333–41

Polyamines stimulate hGH receptor–binding in liver microsomes. D'Abronzo FH, et al. **Horm Metab Res** 1985 Mar;17(3):168

Effect of resection of small intestine on the interaction of vasoactive intestinal peptide with rat colonic epithelial cells. Fernández–Moreno MD, et al. **Horm Metab Res** 1985 Jun;17(6):289–92

Discordance between glucokinase activity and insulin and glucagon receptor changes occurring during liver regeneration in the rat. Francavilla A, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:47–50

In vivo and in vitro effect of liver on somatomedin generation. Minuto F, et al. **Horm Metab Res** 1984 Dec; 16(12):663–6

Partial peripheral resistance to thyroid hormones, a post–receptor defect? Lamberg BA, et al. **Horm Metab Res [Suppl]** 1984;14:20–3

Recent studies of thyroid hormone action at the hepatocellular level. Oppenheimer JH, et al. **Horm Metab Res [Suppl]** 1984;14:6–15

Nuclear thyroxine receptors and cellular metabolism of thyroxine in obese subjects before and after fasting. Kvetny J. **Horm Res** 1985;21(1):60–5

Uptake of sialo and asialo transferrins by isolated rat hepatocytes. Comparison of a heterologous and a homologous system. Dekker CJ, et al. **Int J Biochem** 1985; 17(6):701–6

Testicular LH receptors during aging in Fisher 344 rats. Amador A, et al. **J Androl** 1985 Jan–Feb;6(1):61–4

Changes and interrelationships among luteal LH receptors, adenylate cyclase activity and phosphodiesterase activity during the bovine estrous cycle. Garverick HA, et al. **J Anim Sci** 1985 Jul;61(1):216–23

Pituitary concentrations of gonadotropins and receptors for GnRH in suckled beef cows at various intervals after calving. Moss GE, et al. **J Anim Sci** 1985 Jan;60(1):285–93

LHRH receptor, LH and FSH concentrations in anterior pituitaries of cycling, noncycling and early pregnant heifers. Schoenemann HM, et al. **J Anim Sci** 1985 Feb; 60(2):532–6

Evidence for a common siderophore transport system but different siderophore receptors in Neurospora crassa. Huschka H, et al. **J Bacteriol** 1985 May;162(2):715–21

Bacteroides intermedius binds fibrinogen. Lantz MS, et al. **J Bacteriol** 1985 Aug;163(2):623–8

Reciprocal changes of insulin and glucagon receptors in primary cultured hepatocytes. Kashiwagi A, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):679–84

Reciprocal expressions of alpha 1– and beta–adrenergic receptors, but constant expression of glucagon receptor by rat hepatocytes during development and primary culture. Nakamura T, et al. **J Biochem (Tokyo)** 1984 Jul; 96(1):127–36

In vitro acylation of the transferrin receptor. Adam M, et al. **J Biol Chem** 1984 Dec 25;259(24):15460–3

Biphasic effects of type beta transforming growth factor on epidermal growth factor receptors in NRK fibroblasts. Functional consequences for epidermal growth factor–stimulated mitosis. Assoian RK. **J Biol Chem** 1985 Aug 15;260(17):9613–7

Inhibition of fibrinogen receptor expression and serotonin release by leupeptin and antipain. Baldassare JJ, et al. **J Biol Chem** 1985 Sep 5;260(19):10531–5

Association of 125I–nerve growth factor with PC12 pheochromocytoma cells. Evidence for internalization via high–affinity receptors only and for long–term regulation by nerve growth factor of both high– and low–affinity receptors. Bernd P, et al. **J Biol Chem** 1984 Dec 25; 259(24):15509–16

Effect of iron chelators on the transferrin receptor in K562 cells. Bridges KR, et al. **J Biol Chem** 1984 Nov 10; 259(21):12970–7

Na+ modulates the affinity of the lutropin/choriogonadotropin receptor. Buettner K, et al. **J Biol Chem** 1984 Dec 25;259(24):15078–84

Properties of the nerve growth factor receptor. Relationship between receptor structure and affinity. Buxser S, et al. **J Biol Chem** 1985 Feb 10;260(3):1917–26

Photoaffinity labeling of thyroid hormone nuclear receptors. Influence of n–butyrate and analysis of the half–lives of the 57,000 and 47,000 molecular weight receptor forms. Casanova J, et al. **J Biol Chem** 1984 Oct 10; 259(19):12084–91

Identification and partial characterization of the receptor for speract. Dangott LJ, et al. **J Biol Chem** 1984 Nov 25; 259(22):13712–6

Structural requirements for diacylglycerols to mimic tumor–promoting phobol diester action on the epidermal growth factor receptor. Davis RJ, et al. **J Biol Chem** 1985 May 10;260(9):5315–22

Amiloride directly inhibits growth factor receptor tyrosine kinase activity. Davis RJ, et al. **J Biol Chem** 1985 Feb 25; 260(4):2543–51

Epidermal growth factor receptor of A431 cells. Characterization of a monoclonal anti–receptor antibody noncompetitive agonist of epidermal growth factor action. Fernandez–Pol JA. **J Biol Chem** 1985 Apr 25; 260(8):5003–11

Identification of apolipoproteins involved in the interaction of human high density lipoprotein3 with receptors on cultured cells. Fidge NH, et al. **J Biol Chem** 1985 Mar 25;260(6):3570–5

Structure–function relationships in glucagon. Re–evaluation of glucagon–(1–21). Frandsen EK, et al. **J Biol Chem** 1985 Jun 25;260(12):7581–4

Interaction of Dictyostelium discoideum lysosomal enzymes with the mammalian phosphomannosyl receptor. The importance of oligosaccharides which contain phosphodiesters. Freeze HH. **J Biol Chem** 1985 Jul 25; 260(15):8857–64

Binding of insulin–like growth Factor ii and multiplication–stimulating activity–stimulated phosphorylation in basolateral membranes from dog kidney. Hammerman MR, et al. **J Biol Chem** 1984 Nov 10;259(21):13511–7

Scavenger function of sinusoidal liver cells. Acetylated low–density lipoprotein is endocytosed via a route distinct from formaldehyde–treated serum albumin. Horiuchi S, et al. **J Biol Chem** 1985 Jan 10;260(1):53–6

Purification of a receptor for formaldehyde–treated serum albumin from rat liver. Horiuchi S, et al. **J Biol Chem** 1985 Jan 10;260(1):482–8

Characterization of a membrane–associated receptor from rat sinusoidal liver cells that binds formaldehyde–treated serum albumin. Horiuchi S, et al. **J Biol Chem** 1985 Jan 10; 260(1):475–81

Kinetic identification of a two–state glucagon receptor system in isolated hepatocytes. Interconversion of homogeneous receptors. Horwitz EM, et al. **J Biol Chem** 1985 Aug 5;260(16):9307–15

Molecular characteristics of nerve growth factor receptors on PC12 cells. Hosang M, et al. **J Biol Chem** 1985 Jan 10;260(1):655–62

Binding of chylomicron remnants and beta–very low density lipoproteins to hepatic and extrahepatic lipoprotein receptors. A process independent of apolipoprotein B48. Hui DY, et al. **J Biol Chem** 1984 Dec 25;259(24):15060–8

Binding of apolipoprotein A–I and A–II after recombination with phospholipid vesicles to the high density lipoprotein receptor of luteinized rat ovary. Hwang J, et al. **J Biol Chem** 1985 May 10;260(9):5660–8

Evidence for tight coupling of thyrotropin–releasing hormone receptors to stimulated inositol trisphosphate formation in rat pituitary cells. Imai A, et al. **J Biol Chem** 1985 Sep 5;260(19):10536–40

The human placenta contains two distinct binding and immunoreactive species of insulin–like growth factor–I receptors. Jonas HA, et al. **J Biol Chem** 1985 Feb 25; 260(4):2288–94

Receptor–binding properties of gonadotropin–releasing hormone derivatives. Prolonged receptor occupancy and cell–surface localization of a potent antagonist analog. Loumaye E, et al. **J Biol Chem** 1984 Oct 25; 259(20):12663–71

Diacylglycerol modulates binding and phosphorylation of the epidermal growth factor receptor. McCaffrey PG, et al. **J Biol Chem** 1984 Oct 25;259(20):12502–7

Biosynthesis and processing of the type II insulin–like growth factor receptor in H–35 hepatoma cells. MacDonald RG, et al. **J Biol Chem** 1985 Sep 15;260(20):11357–65

Use of the heterobifunctional cross–linker m–maleimidobenzoyl N–hydroxysuccinimide ester to affinity label cholecystokinin binding proteins on rat pancreatic plasma membranes. Madison LD, et al. **J Biol Chem** 1984 Dec 10;259(23):14818–23

Subunit structure of a high–affinity receptor for type beta–transforming growth factor. Evidence for a disulfide–linked glycosylated receptor complex. Massagué J. **J Biol Chem** 1985 Jun 10;260(11):7059–66

Cellular receptors for type beta transforming growth factor. Ligand binding and affinity labeling in human and rodent cell lines. Massagué J, et al. **J Biol Chem** 1985 Mar 10;

260(5):2636–45

Mechanism of phorbol diester-induced regulation of surface transferrin receptor involves the action of activated protein kinase C and an intact cytoskeleton. May WS, et al. **J Biol Chem** 1985 Aug 5;260(16):9419–26

The effect of ligand heterogeneity on the Scatchard plot. Particular relevance to lipoprotein binding analysis. Mendel CM, et al. **J Biol Chem** 1985 Mar 25;260(6):3451–5

Effect of intracellular Ca2+ on insulin-like growth factor II. internalization into pancreatic acini. Roles of insulin and cholecystokinin. Mössner J, et al. **J Biol Chem** 1984 Oct 25;259(20):12350–6

Regulation of epidermal growth factor receptor by estrogen. Mukku VR, et al. **J Biol Chem** 1985 Aug 15;260(17):9820–4

Stimulation of rat ovarian cell steroidogenesis by high density lipoproteins modified with tetranitromethane. Nestler JE, et al. **J Biol Chem** 1985 Jun 25;260(12):7316–21

Relationship between thyroid and glucocorticoid hormone receptor occupancy, growth hormone gene transcription, and mRNA accumulation. Nyborg JK, et al. **J Biol Chem** 1984 Oct 25;259(20):12377–81

Direct demonstration of rapid insulin-like growth factor II Receptor internalization and recycling in rat adipocytes. Insulin stimulates 125I-insulin-like growth factor II degradation by modulating the IGF-II receptor recycling process. Oka Y, et al. **J Biol Chem** 1985 Aug 5; 260(16):9435–42

Reconstitution of the purified platelet fibrinogen receptor. Fibrinogen binding properties of the glycoprotein IIb-IIIa complex. Parise LV, et al. **J Biol Chem** 1985 Sep 5; 260(19):10698–707

Receptor-mediated regulation of guanylate cyclase activity in spermatozoa. Ramarao CS, et al. **J Biol Chem** 1985 Jul 15;260(14):8390–6

Topography of human placental receptors for epidermal growth factor. Rao CV, et al. **J Biol Chem** 1985 Feb 10; 260(3):1705–10

A hepatocyte receptor for high-density lipoproteins specific for apolipoprotein A-I. Rifici VA, et al. **J Biol Chem** 1984 Nov 25;259(22):13814–8

Regulation of glucagon receptor binding. Lack of effect of Mg and preferential role for GDP. Rojas FJ, et al. **J Biol Chem** 1985 Jul 5;260(13):7829–35

Characterization of insulin-like growth factor I-stimulated tyrosine kinase activity associated with the beta-subunit of type I insulin-like growth factor receptors of rat liver cells. Sasaki N, et al. **J Biol Chem** 1985 Aug 15; 260(17):9793–804

Cleavage of growth hormone by rabbit liver plasmalemma enhances binding. Schepper JM, et al. **J Biol Chem** 1984 Nov 10;259(21):12945–8

Complete inhibition of transferrin recycling by monensin in K562 cells. Stein BS, et al. **J Biol Chem** 1984 Dec 10; 259(23):14762–72

The A1 adenosine receptor. Identification of the binding subunit by photoaffinity cross-linking. Stiles GL, et al. **J Biol Chem** 1985 Sep 5;260(19):10806–11

Identification of a receptor for atrial natriuretic factor in rabbit aorta membranes by affinity cross-linking. Vandlen RL, et al. **J Biol Chem** 1985 Sep 15;260(20):10889–92

Heme regulation of HeLa cell transferrin receptor number. Ward JH, et al. **J Biol Chem** 1984 Nov 10;259(21):13235–40

Immunoaffinity purification of the epidermal growth factor receptor. Stoichiometry of binding and kinetics of self-phosphorylation. Weber W, et al. **J Biol Chem** 1984 Dec 10;259(23):14631–6

Intracellular processing of epidermal growth factor and its effect on ligand-receptor interactions. Wiley HS, et al. **J Biol Chem** 1985 May 10;260(9):5290–5

The porcine LH/hCG receptor. Characterization and purification. Wimalasena J, et al. **J Biol Chem** 1985 Sep 5;260(19):10689–97

Covalent cross-linking of vasoactive intestinal polypeptide to its receptors on intact human lymphoblasts. Wood CL, et al. **J Biol Chem** 1985 Jan 25;260(2):1243–7

Photoaffinity labeling of atrial natriuretic factor receptors of rat kidney cortex plasma membranes. Yip CC, et al. **J Biol Chem** 1985 Jul 15;260(14):8229–32

Initiation of proliferative events by human alpha-thrombin requires both receptor binding and enzymic activity. Carney DH, et al. **J Cell Biochem** 1984;26(3):181–95

Dimethyl sulfoxide decreases specific EGF binding. Earp HS, et al. **J Cell Biochem** 1984;26(4):221–30

Down-regulation of gonadotropin and beta-adrenergic receptors by hormones and cyclic AMP. Fishman PH, et al. **J Cell Biochem** 1985;27(3):231–9

Acidification of endocytic compartments and the intracellular pathways of ligands and receptors. Yamashiro DJ, et al. **J Cell Biochem** 1984;26(4):231–46

Lysosomal accumulation of the hormone-receptor complex during receptor-mediated endocytosis of human choriogonadotropin. Ascoli M. **J Cell Biol** 1984 Oct;99(4 Pt 1):1242–50

Transport of epidermal growth factor by rat liver: evidence for a nonlysosomal pathway. Burwen SJ, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1259–65

Phenylarsine oxide-induced increase in alveolar macrophage surface receptors: evidence for fusion of internal receptor pools with the cell surface. Kaplan J, et al. **J Cell Biol** 1985 Jul;101(1):121–9

Synthesis of the transferrin receptor by cultures of embryonic chicken spinal neurons. Markelonis GJ, et al. **J Cell Biol** 1985 Jan;100(1):8–17

Electron microscopic evidence for externalization of the transferrin receptor in vesicular form in sheep reticulocytes. Pan BT, et al. **J Cell Biol** 1985 Sep;101(3):942–8

Intracellular movement of cell surface receptors after endocytosis: resialylation of asialo-transferrin receptor in human erythroleukemia cells. Snider MD, et al. **J Cell Biol** 1985 Mar;100(3):826–34

Characterization of the binding properties and retrograde axonal transport of a monoclonal antibody directed against the rat nerve growth factor receptor. Taniuchi M, et al. **J Cell Biol** 1985 Sep;101(3):1100–6

Rapid endocytosis of the transferrin receptor in the absence of bound transferrin. Watts C. **J Cell Biol** 1985 Feb; 100(2):633–7

Reciprocal transmembranous receptor-cytoskeleton interactions in concanavalin A-activated platelets. Wheeler ME, et al. **J Cell Biol** 1985 Sep;101(3):993–1000

EGF induces receptor down-regulation with no receptor recycling in KB cells. Lyall RM, et al. **J Cell Physiol** 1985 Jan;122(1):166–70

Platelet-derived growth factor: morphologic and biochemical studies of binding, internalization, and degradation. Rosenfeld ME, et al. **J Cell Physiol** 1984 Nov; 121(2):263–74

Regulation of K562 cell transferrin receptors by exogenous iron. Rudolph NS, et al. **J Cell Physiol** 1985 Mar; 122(3):441–50

Correlation between trypsin binding to a specific receptor and prostacyclin production in cultured vascular endothelial cells. Savion N, et al. **J Cell Physiol** 1985 Jan; 122(1):142–8

Receptor-mediated binding and internalization of colony-stimulating factor (CSF-1) by mouse peritoneal exudate macrophages. Chen BD, et al. **J Cell Sci** 1984 Aug; 70:147–66

One-step isocratic high-performance liquid chromatographic purification of radioiodinated and radioiodinated-photoactivable derivatives of cholecystokinin. Svoboda M, et al. **J Chromatogr** 1984 Jul 27;296:199–211

Epidermal growth factor binding to human amnion, chorion, decidua, and placenta from mid- and term pregnancy: quantitative light microscopic autoradiographic studies. Chegini N, et al. **J Clin Endocrinol Metab** 1985 Sep; 61(3):529–35

Thyrotropin receptor-adenylate cyclase system in Hurthle cell neoplasms. Clark OH, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):773–8

The human vasoactive intestinal peptide receptor: molecular identification by covalent cross-linking in colonic epithelium. Couvineau A, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):50–5

Specific somatostatin receptors on human pituitary adenoma cell membranes. Ikuyama S, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):666–71

Specific growth hormone receptors on human peripheral mononuclear cells: reexpression, identification, and characterization. Kiess W, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):740–6

Decreased nuclear uptake of [125I]triiodo-L-thyronine in fibroblasts from patients with peripheral thyroid hormone resistance. Menezes-Ferreira MM, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1081–7

Somatostatin receptors in human growth hormone and prolactin-secreting pituitary adenomas. Moyse E, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):98–103

Human chorionic gonadotropin and prolactin modulation of early luteal function and luteinizing hormone receptor-binding activity in cultured human granulosa-luteal cells. Polan ML, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):773–9

Distribution and characterization of insulin and insulin-like growth factor I receptors in normal human ovary. Poretsky L, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):728–34

A factor produced by cultured rat Leydig tumor (Rice 500) cells associated with humoral hypercalcemia stimulates adenosine 3',5'-monophosphate production via the parathyroid hormone receptor in human skin fibroblasts. Silve C, et al. **J Clin Endocrinol Metab** 1985 Jun; 60(6):1144–7

Interaction of furosemide with serum thyroxine-binding sites: in vivo and in vitro studies and comparison with other inhibitors. Stockigt JR, et al. **J Clin Endocrinol Metab** 1985 May;60(5):1025–31

Characterization of insulin-like growth factor II binding to human fibroblast monolayer cultures. Thorsson AV, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):387–91

Glucagon receptor of human liver. Studies of its molecular weight and binding properties, and its ability to activate hepatic adenylyl cyclase of non-obese and obese subjects. Livingston JN, et al. **J Clin Invest** 1985 Feb;75(2):397–403

Cobalamin and folate binding proteins in human tumour tissue. Sheppard K, et al. **J Clin Pathol** 1984 Dec; 37(12):1336–8

Differential effects of cryptorchidism and short photoperiod on testicular prolactin and LH/human chorionic gonadotrophin receptors in the golden hamster. Bartke A, et al. **J Endocrinol** 1984 Nov;103(2):227–31

Hormone receptors in the epiphysial cartilage. Kan KW, et al. **J Endocrinol** 1984 Nov;103(2):125–31

Receptors for thyroid-stimulating hormone in normal and pathological human thyroid tissues. Kermode JC, et al. **J Endocrinol** 1984 Sep;102(3):369–74

Liver angiotensin II receptors in the rat: binding properties and regulation by dietary Na+ and angiotensin II. Sernia C, et al. **J Endocrinol** 1985 Jul;106(1):103–11

Endocrine control of uterine oxytocin receptors in the ewe. Sheldrick EL, et al. **J Endocrinol** 1985 Aug;106(2):249–58

Inhibitory effect of colchicine and vinblastine on transport of glucagon receptors to the plasma membrane in cultured rat hepatocytes. Watanabe J, et al. **J Endocrinol** 1985 Jul; 106(1):125–31

In vitro alteration of receptors for vasoactive intestinal peptide changes the in vivo localization of mouse T cells. Ottaway CA. **J Exp Med** 1984 Oct 1;160(4):1054–69

High affinity binding of 125I-labeled human tumor necrosis factor (LuKII) to specific cell surface receptors. Rubin BY, et al. **J Exp Med** 1985 Sep 1;162(3):1099–104

Avian gonadotropin receptors: a comparative view. Ishii S, et al. **J Exp Zool** 1984 Dec;232(3):431–4

125I-Angiotensin II binding to human blood cells. Mann JF, et al. **J Hypertens** 1985 Apr;3(2):131–7

Specific effect of anti-transferrin antibodies on natural killer cells directed against tumor cells. Evidence for the transferrin receptor being one of the target structures recognized by NK cells. Alarcón B, et al. **J Immunol** 1985 Feb;134(2):1286–91

Separation of a population of human T lymphocytes that bind prostaglandin E2 and exert a suppressor activity. Fischer A, et al. **J Immunol** 1985 Feb;134(2):815–9

Biochemical models of gamma-interferon action: altered expression of transferrin receptors on murine peritoneal macrophages after treatment in vitro with PMA or A23187. Weiel JE, et al. **J Immunol** 1985 Jan;134(1):293–8

Ca+2 mobilization and fibrinogen binding of platelets refractory to adenosine diphosphate stimulation. Peerschke EI. **J Lab Clin Med** 1985 Aug;106(2):111–22

Modification of human high density lipoprotein (HDL3) with tetranitromethane and the effect on its binding to isolated rat liver plasma membranes. Chacko GK. **J Lipid Res** 1985 Jun;26(6):745–54

Decrease of prostaglandin E2 receptor binding is accompanied by reduced antilipolytic effects of prostaglandin E2 in isolated rat adipocytes. Richelsen B, et al. **J Lipid Res** 1985 Jan;26(1):127–34

Functional group contributions to drug-receptor interactions. Andrews PR, et al. **J Med Chem** 1984 Dec;27(12):1648–57

Functionalized congeners of adenosine: preparation of analogues with high affinity for A1-adenosine receptors. Jacobson KA, et al. **J Med Chem** 1985 Sep;28(9):1341–6

Surface receptors for human serum albumin in Peptococcus magnus strains. Myhre EB. **J Med Microbiol** 1984 Oct; 18(2):189–95

Vasoactive intestinal polypeptide receptors linked to an adenylate cyclase, and their relationship with biogenic amine- and somatostatin-sensitive adenylate cyclases on central neuronal and glial cells in primary cultures. Chneiweiss H, et al. **J Neurochem** 1985 Mar;44(3):779–86

A study of somatostatin receptors in amygdaloid-kindled rat brain. Higuchi T, et al. **J Neurochem** 1984 Nov;43(5):1271–6

Expression of A1 adenosine receptors modulating dopamine-dependent cyclic AMP accumulation in the chick embryo retina. Paes de Carvalho R, et al. **J Neurochem** 1985 Mar;44(3):845–51

Characterization of functional receptors for vasoactive intestinal peptide in bovine cerebral arteries. Suzuki Y, et al. **J Neurochem** 1985 Sep;45(3):890–9

Characterization and localization of adenosine receptors in rat spinal cord. Geiger JD, et al. **J Neurosci** 1984 Sep; 4(9):2303–10

Reciprocal modulation of agonist and antagonist binding to inhibitory adenosine receptors by 5'-guanylylimidodiphosphate and monovalent cations. Green RD. **J Neurosci** 1984 Oct;4(10):2472–6

Autoradiographic localization of thyrotropin-releasing hormone receptors in the rat central nervous system. Manaker S, et al. **J Neurosci** 1985 Jan;5(1):167–74

Thyrotropin-releasing hormone (TRH) receptors. Localization by light microscopic autoradiography in rat brain using [3H][3-Me-His2]TRH as the radioligand. Mantyh PW, et al. **J Neurosci** 1985 Feb;5(2):551–61

Steindler lecture. Binding sites in fetal and growth plate cartilage. Cruess RL. **J Orthop Res** 1985;3(1):109–20

Receptors for secretagogues on pancreatic acinar cells. Jensen RT, et al. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S25–35

Excitatory amino acid receptor interactions of a novel alpha-phosphinic acid analogue of alpha-methylaspartic acid. Cates LA, et al. **J Pharm Sci** 1984 Nov;73(11):1550–3

Photoaffinity labeling of the rat isolated portal vein: determination of affinity constants and 'spare' receptors for angiotensins II and III. Kwok YC, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):137–40

Pharmacologic characterization of human and canine thromboxane A2/prostaglandin H2 receptors in platelets and blood vessels: evidence for different receptors. Mais DE, et al. **J Pharmacol Exp Ther** 1985 May;233(2):418–24

Concentration dependency of the renal vascular and renin secretory responses to adenosine receptor agonists. Murray RD, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):189–93

A system for the translation of receptor messenger-RNA and the study of the assembly of functional receptors. Barnard EA, et al. **J Recept Res** 1984;4(1–6):681–704

Stimulation of association curves and 'scatchard' plots of binding reactions where ligand and receptor are degraded or internalized. Beck JS, et al. **J Recept Res** 1983-84; 3(6):745-72

Interaction of cyclic AMP derivatives with the angiotensin II receptor. Capponi AM, et al. **J Recept Res** 1984; 4(1-6):283-9

Structural similarities between the plasma membrane binding sites for L-thyroxine and 3,3',5-triiodo-L-thyronine in cultured cells. Cheng S. **J Recept Res** 1985;5(1):1-26

Localization of somatostatin receptors in secretion vesicles in anterior pituitary cells and pancreatic islets. Draznin B, et al. **J Recept Res** 1985;5(1):83-103

Photoaffinity labelling of MSH receptors on Anolis melanophores: effects of catecholamines, calcium and forskolin. Eberle AN, et al. **J Recept Res** 1985;5(1):59-81

Photoaffinity labelling of MSH receptors on Anolis melanophores: irradiation technique and MSH photolabels for irreversible stimulation. Eberle AN. **J Recept Res** 1984; 4(1-6):315-29

Absence of down-regulation of insulin receptors in human breast cancer cells (MCF-7) cultured in serum-free medium: comparison with epidermal growth factor. Hwang DL, et al. **J Recept Res** 1985;5(1):27-43

Effect of median eminence lesions and hormonal replacement on the prolactin receptors in the adrenal gland and Langerhans islets from ovariectomized adult rats. Lüthy IA, et al. **J Recept Res** 1985;5(1):105-19

Differentiating adenosine receptors and adenosine uptake sites in brain. Marangos PJ. **J Recept Res** 1984; 4(1-6):231-44

Relationship between hCG receptors disappearance and steroid accumulation during long term hCG stimulation in porcine Leydig cell cultures. Mombrial FC, et al. **J Recept Res** 1985;5(1):45-57

Investigation of drug-receptor interactions by means of irreversible receptor inhibitors: binding of oxytocin and angiotensin II to their receptors in rat uterus. Pliška V. **J Recept Res** 1984;4(1-6):371-83

Altered concentrations of gonadotrophin, prolactin and GnRH receptors, and endogenous steroids in the abdominal testes of adult unilaterally cryptorchid rats. Bergh A, et al. **J Reprod Fertil** 1985 May;74(1):279-86

Differential patterns in luteal prolactin and LH receptors during pregnancy in sows and ewes. Jammes H, et al. **J Reprod Fertil** 1985 Jan;73(1):27-35

Changes in pituitary and ovarian LHRH receptors after active immunization of female rats against LH or LHRH. Popkin RM, et al. **J Reprod Fertil** 1985 Mar;73(2):491-6

A transplantable rat Leydig cell tumor--1. LH and prolactin receptors and effects of the endocrine status of the host animal. Erichsen A, et al. **J Steroid Biochem** 1984 Nov; 21(5):539-43

Rapid recovery of nuclear estrogen receptor and oxytocin receptor in the ovine uterus following progesterone withdrawal. Leavitt WW, et al. **J Steroid Biochem** 1985 Jun;22(6):687-91

Hormone receptor-coupling factor-adenylate cyclase interaction: theoretical considerations. Blum JJ. **J Theor Biol** 1984 Dec 7;111(3):589-608

Receptor binding profile of quinupramine, a new tricyclic antidepressant. Sakamoto H, et al. **Jpn J Pharmacol** 1984 Dec;36(4):455-60

Binding of TRH, DN-1417 and MK-771 to TRH receptors in the rat brain. Relationship to their central actions. Funatsu K, et al. **Kurume Med J** 1983;30 Suppl:S45-50

Biochemical properties of TRH receptors in the rat central nervous system. Ogawa N. **Kurume Med J** 1983;30 Suppl:S51-6

Impaired platelet prostacyclin binding in acute myocardial infarction [letter] **Lancet** 1984 Dec 8;2(8415):1341-2

Reduction in prostacyclin platelet receptors in active spontaneous angina. Neri Serneri GG, et al. **Lancet** 1984 Oct 13;2(8407):838-41

Epidermal-growth-factor receptors and oestrogen receptors in human breast cancer. Sainsbury JR, et al. **Lancet** 1985 Feb 16;1(8425):364-6

Interaction of gastric inhibitory polypeptide (GIP) with the insulin-secreting pancreatic beta cell line, In 111: characteristics of GIP binding sites. Amiranoff B, et al. **Life Sci** 1985 Mar 4;36(9):807-13

Stimulation of adenylate cyclase by adenosine and other agonists in mesenteric artery smooth muscle cells in culture. Anand-Srivastava MB, et al. **Life Sci** 1985 Sep 2; 37(9):857-67

Cholecystokinin receptor mediated hydrolysis of inositol phospholipids in guinea pig gastric glands. Chang RS, et al. **Life Sci** 1985 Mar 11;36(10):965-71

Characterization of specific receptors for atrial natriuretic factor in bovine adrenal zona glomerulosa. De Léan A, et al. **Life Sci** 1984 Dec 3;35(23):2311-8

Further evidence for the presence of specific binding sites for prolactin in the rabbit brain. Preferential distribution in the hypothalamus and substantia nigra. Di Carlo R, et al. **Life Sci** 1985 Jan 28;36(4):375-82

Analog specificity of the thyrotropin-releasing hormone receptor in the central nervous system: possible clinical implications. Hawkins EF, et al. **Life Sci** 1985 Feb 11; 36(6):601-11

Adenosine receptor mediated inhibition of noradrenaline release from slices of the rat hippocampus. Jonzon B, et al. **Life Sci** 1984 Nov 5;35(19):1971-9

Binding and processing of epidermal growth factor in Panc-I human pancreatic carcinoma cells. Korc M, et al. **Life Sci** 1985 May 13;36(19):1849-55

Epidermal growth factor binding is altered in pancreatic acini from diabetic rats. Korc M, et al. **Life Sci** 1984 Nov 12; 35(20):2049-55

Interaction of PHM, PHI and 24-glutamine PHI with human VIP receptors from colonic epithelium: comparison with rat intestinal receptors. Laburthe M, et al. **Life Sci** 1985 Mar 11;36(10):991-5

High correlation between prolactinemia, 125-I hLH binding and progesterone secretion by an experimental luteoma. Lux VA, et al. **Life Sci** 1984 Dec 3;35(23):2345-52

Evidence for an adenosine A2/Ra receptor on human basophils. Marone G, et al. **Life Sci** 1985 Jan 28; 36(4):339-45

High affinity receptors for bombesin/GRP-like peptides on human small cell lung cancer. Moody TW, et al. **Life Sci** 1985 Jul 15;37(2):105-13

Characterization of angiotensin II binding sites in African Green monkey uterus. Petersen EP, et al. **Life Sci** 1985 Jan 14;36(2):177-82

Biological action and binding sites for vasopressin on the mesenteric artery from normal and sodium-depleted rats. St-Louis J, et al. **Life Sci** 1984 Oct 1;35(14):1489-95

Mechanisms of hormone action: parallels in receptor-mediated signal propagation for steroid and peptide effectors. Szego CM. **Life Sci** 1984 Dec 10; 35(24):2383-96 (73 ref.)

Familial euthyroid hyperthyroxinemia secondary to pituitary and peripheral resistance to thyroid hormones. Gharib H, et al. **Mayo Clin Proc** 1985 Jan;60(1):9-15

Binding of thyroid hormones by nuclei of target tissues during the chick embryo development. Bellabarba D, et al. **Mech Ageing Dev** 1985 May 31;30(3):325-31

Mechanisms of insulin resistance in cultured fibroblasts from a patient with leprechaunism: impaired post-binding actions of insulin and multiplication-stimulating activity. Craig JW, et al. **Metabolism** 1984 Dec;33(12):1084-96

Methods for studying the platelet-derived growth factor receptor. Bowen-Pope DF, et al. **Methods Enzymol** 1985; 109:69-100

Direct chemical measurement of receptor-mediated changes in phosphatidylinositol levels in isolated rat liver plasma membranes. Eichberg J, et al. **Methods Enzymol** 1985; 109:504-13

Peptide hormone receptors in intracellular structures from rat liver. Posner BI, et al. **Methods Enzymol** 1985; 109:219-31

Study of receptor function by membrane fusion: the glucagon receptor in liver membranes fused to a foreign adenylate cyclase. Steiner S, et al. **Methods Enzymol** 1985;109:346-50

Assaying binding of nerve growth factor to cell surface receptors. Vale RD, et al. **Methods Enzymol** 1985;109:21-39

Effects of epidermal growth factor and 12-O-tetradecanoylphorbol-13-acetate on metabolism of the epidermal growth factor receptor in normal human fibroblasts. Decker SJ. **Mol Cell Biol** 1984 Sep;4(9):1718-24

Binding characteristics of epidermal growth factor receptors in male and female rat liver cell membrane preparations. Benveniste R, et al. **Mol Cell Endocrinol** 1985 Jul; 41(2-3):147-51

Characterization of gonadotropin-sensitive adenylate cyclase activity in human testis: uncoupling of the receptor-cyclase complex by specific hormonal antagonist. Berman MI, et al. **Mol Cell Endocrinol** 1985 Aug;42(1):49-57

Reduction in hepatic but not in renal and vascular vasopressin receptor number in hyperinsulinemic mice and rats. Cantau B, et al. **Mol Cell Endocrinol** 1984 Dec;38(2-3):131-9

Solubilized human thyrotrophin receptors behave as one class of high-affinity binding sites. de Bruin TW, et al. **Mol Cell Endocrinol** 1984 Oct;37(3):337-48

Down-regulation of nuclear T3 receptors by thyroid hormones in the rat anterior pituitary. Franklyn JA, et al. **Mol Cell Endocrinol** 1985 May;40(2-3):145-8

Interaction of mouse prolactin with mouse hepatic receptors. Haro LS, et al. **Mol Cell Endocrinol** 1985 Jun;41(1):93-104

Homologous somatotropin radioreceptor assay utilizing recombinant bovine growth hormone. Haro LS, et al. **Mol Cell Endocrinol** 1984 Dec;38(2-3):109-16

Evidence for rapid loss of spare hCG receptors in the corpora lutea of the hypophysectomized rat. Kim I, et al. **Mol Cell Endocrinol** 1985 May;40(2-3):123-8

The role of the microtubular system in LH/hCG receptor downregulation in rat Leydig cells. Laws AO, et al. **Mol Cell Endocrinol** 1984 Nov;38(1):39-51

Desensitization of LLC-PK1 cells by vasopressin results in receptor down-regulation. Lester BR, et al. **Mol Cell Endocrinol** 1985 May;40(2-3):193-204

Activity of alkylated prolactin and human growth hormone in receptor and cell assays. Necessary PC, et al. **Mol Cell Endocrinol** 1985 Mar;39(3):247-54

Ontogeny of the ACTH receptor, adenylate cyclase and steroidogenesis in adrenal. Saez JM, et al. **Mol Cell Endocrinol** 1984 Dec;38(2-3):93-102 (78 ref.)

Prolactin receptor in rat liver: sex difference in estrogenic stimulation and imprinting of the responsiveness to estrogen by neonatal androgen in male rats. Tsim KW, et al. **Mol Cell Endocrinol** 1985 May;40(2-3):99-105

Evidence for the involvement of essential sulphydryl group in rat hepatic lactogenic receptor but not in somatogenic receptor. Tsim KW, et al. **Mol Cell Endocrinol** 1984 Nov; 38(1):61-6

Effect of pregnant mare serum gonadotropin on the induction and degradation of FSH and LH receptors in the granulosa cell of the immature rat. Vidyashankar N, et al. **Mol Cell Endocrinol** 1984 Sep;37(2):215-22

Receptor-mediated endocytosis of polypeptide hormones: mechanism and significance. Carpentier JL. **Mol Immunol** 1984 Dec;21(12):1157-9 (34 ref.)

Transglutaminase and receptor signaling: concepts and realities. Fésüs L, et al. **Mol Immunol** 1984 Dec; 21(12):1161-5

Evidence for agonist-induced interaction of angiotensin receptor with a guanine nucleotide-binding protein in bovine adrenal zona glomerulosa. De Léan A, et al. **Mol Pharmacol** 1984 Nov;26(3):498-508

Evidence for two molecular forms of solubilized vasopressin receptors in rat kidney membranes. Regulation by guanyl nucleotides. Guillon G, et al. **Mol Pharmacol** 1984 Sep; 26(2):241-7

Purification and characterization of (-)[125I]hydroxyphenylisopropyladenosine, an adenosine R-site agonist radioligand and theoretical analysis of mixed stereoisomer radioligand binding. Linden J. **Mol Pharmacol** 1984 Nov;26(3):414-23

Binding of an 125I-labeled thromboxane A2/prostaglandin H2 receptor antagonist to washed canine platelets. Mais DE, et al. **Mol Pharmacol** 1985 Aug;28(2):163-9

Decreased receptor binding of biologically inactive thyrotropin in central hypothyroidism. Effect of treatment with thyrotropin-releasing hormone. Beck-Peccoz P, et al. **N Engl J Med** 1985 Apr 25;312(17):1085-90

Receptor-mediated uptake of hypertriglyceridaemic VLDL remnants by mouse macrophages in vitro. Naruszewicz M, et al. **Nahrung** 1985;29(6):609-14

42,000-molecular weight EGF receptor has protein kinase activity. Basu M, et al. **Nature** 1984 Oct 4-10; 311(5985):477-80

Autophosphorylation sites on the epidermal growth factor receptor. Downward J, et al. **Nature** 1984 Oct 4-10; 311(5985):483-5

Protein kinase C phosphorylation of the EGF receptor at a threonine residue close to the cytoplasmic face of the plasma membrane. Hunter T, et al. **Nature** 1984 Oct 4-10; 311(5985):480-3

Binding sites for growth hormone releasing factor on rat anterior pituitary cells. Seifert H, et al. **Nature** 1985 Feb 7-13;313(6002):487-9

Role of cAMP for regulation of impulse-evoked noradrenaline release from the rabbit pulmonary artery and its possible relationship to presynaptic ACTH receptors. Göthert M, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Dec; 328(2):127-34

Endogenous adenosine as a modulator of hippocampal acetylcholine release. Jackisch R, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Oct; 327(4):319-25

Effects of N-ethylmaleimide on adenosine receptors of rat fat cells and human platelets. Ukena D, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Sep; 327(3):247-53

Autoradiographic localization of thyrotropin-releasing hormone (TRH) receptors in human spinal cord. Manaker S, et al. **Neurology** 1985 Mar;35(3):328-32

Localization and characterization of somatostatin-14 and somatostatin-28 receptors in the rat pituitary as studied by slide-mounted frozen sections. Morel G, et al. **Neuropeptides** 1985 Mar;6(1):41-52

Carbamazepine does not interact with thyroid hormone receptors in human fibroblasts. Joffe RT, et al. **Neuropharmacology** 1984 Nov;23(11):1301-3

Vasoactive intestinal peptide receptor localization in rat forebrain by autoradiography. De Souza EB, et al. **Neurosci Lett** 1985 May 14;56(2):113-20

Products of cholecystokinin (CCK)-octapeptide proteolysis interact with central CCK receptors. Steardo L, et al. **Neurosci Lett** 1985 Mar 15;54(2-3):319-25

Binding of [3H]cyclohexyladenosine to adenosine recognition sites in guinea pig ileal membranes: comparison with binding in brain membranes. Williams M, et al. **Neurosci Lett** 1985 Jun 4;57(1):79-83

Effects of cold exposure on nuclear thyroid hormone receptors: increased affinity for the hormone. Kusuda S, et al. **Osaka City Med J** 1983;29(2):155-67

Characterization of somatostatin specific binding in plasma cell membranes of human placenta. Tsalikian E, et al. **Pediatr Res** 1984 Oct;18(10):953-7

Vasopressin receptor subtypes in dorsal hindbrain and renal medulla. Cornett LE, et al. **Peptides (Fayetteville)** 1985 Jan-Feb;6(1):85-9

Behavioral support for an ACTH receptor in the CNS. Galina ZH, et al. **Peptides (Fayetteville)** 1985 Mar-Apr; 6(2):285-91

In vitro autoradiographic localization of [125I]-angiotensin II binding sites in the rat and dog kidney. Gehlert DR, et al. **Peptides (Fayetteville)** 1984 Nov-Dec;5(6):1043-8

Thyrotropin releasing hormone (TRH) binding sites in the adult human brain: localization and characterization. Parker CR Jr, et al. **Peptides (Fayetteville)** 1984 Jul-Aug;5(4):701-6

The postnatal development of VIP binding sites in rat forebrain and hindbrain. Roth BL, et al. **Peptides (Fayetteville)** 1985 Jan-Feb;6(1):27-30

Somatostatin analogs: correlation of receptor affinity with inhibition of cyclic AMP formation in pancreatic acinar cells. Taparel D, et al. **Peptides (Fayetteville)** 1985 Jan–Feb; 6(1):109–14

Brain and pituitary receptors for corticotropin releasing factor: localization and differential regulation after adrenalectomy. Wynn PC, et al. **Peptides (Fayetteville)** 1984 Nov–Dec;5(6):1077–84

Peptide binding to intestinal epithelium: distinct sites for insulin, EGF and VIP. Zimmerman TW, et al. **Peptides (Fayetteville)** 1985 Mar–Apr;6(2):229–35

Methyl xanthines enhance taste: evidence for modulation of taste by adenosine receptor. Schiffman SS, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):195–203

Regional distribution of putative vasopressin receptors in rat brain and pituitary by quantitative autoradiography. Brinton RE, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(22):7248–52

Hemin inhibits internalization of transferrin by reticulocytes and promotes phosphorylation of the membrane transferrin receptor. Cox TM, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5170–4

Generation of leukotrienes by human monocytes upon stimulation of their beta–glucan receptor during phagocytosis. Czop JK, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2751–5

Tumor–promoting phorbol diesters cause the phosphorylation of epidermal growth factor receptors in normal human fibroblasts at threonine–654. Davis RJ, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):1974–8

Platelet–derived growth factor mimics phorbol diester action on epidermal growth factor receptor phosphorylation at threonine–654. Davis RJ, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4080–4

Blockade of autocrine stimulation in simian sarcoma virus–transformed cells reverses down–regulation of platelet–derived growth factor receptors. Garrett JS, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7466–70

Recycling of epidermal growth factor in a human pancreatic carcinoma cell line. Korc M, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6172–5

Specific binding of erythropoietin to spleen cells infected with the anemia strain of Friend virus. Krantz SB, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7574–8

Cellular receptor for 125I–labeled tumor necrosis factor: specific binding, affinity labeling, and relationship to sensitivity. Kull FC Jr, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5756–60

Effects of in vivo–administered 2,3,7,8–tetrachlorodibenzo–p–dioxin on receptor binding of epidermal growth factor in the hepatic plasma membrane of rat, guinea pig, mouse, and hamster. Madhukar BV, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7407–11

Cell–type–specific receptors for alpha–fetoprotein in a mouse T–lymphoma cell line. Naval J, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3301–5

A 125/115–kDa cell surface receptor specific for vitronectin interacts with the arginine–glycine–aspartic acid adhesion sequence derived from fibronectin. Pytela R, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5766–70

Characterization of nerve growth factor receptor in neural crest tumors using monoclonal antibodies. Ross AH, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6681–5

Tangier disease: a disorder of intracellular membrane traffic. Schmitz G, et al. **Proc Natl Acad Sci USA** 1985 Sep; 82(18):6305–9

Characterization of a platelet–activating factor receptor antagonist isolated from haifenteng (Piper futokadsura): specific inhibition of in vitro and in vivo platelet–activating factor–induced effects. Shen TY, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):672–6

Dietary saturated triacylglycerols suppress hepatic low density lipoprotein receptor activity in the hamster. Spady DK, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4526–30

Angiotensin II receptor binding sites in brain microvessels. Speth RC, et al. **Proc Natl Acad Sci USA** 1985 Sep; 82(18):6340–3

Differentiation–enhanced binding of the amino–terminal fragment of human urokinase plasminogen activator to a specific receptor on U937 monocytes. Stoppelli MP, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4939–43

High–affinity–receptor–mediated uptake and degradation of glucose–modified proteins: a potential mechanism for the removal of senescent macromolecules. Vlassara H, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5588–92

Epidermal growth factor rapidly induces a redistribution of transferrin receptor pools in human fibroblasts. Wiley HS, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7456–60

Insulin–like growth factor II binding to cultured human chondrosarcoma cells. Cooper JL, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):68–75

Increased glucagon receptors in chronically hypersomatotrophic and hyperglucagonemic rats. Dunbar JC, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):32–7

Regulation of the transferrin receptor in K562 erythroleukemia cells. Cudkowicz A, et al. **Prog Clin Biol Res** 1984;165:509–19

Receptor–mediated endocytosis of epidermal growth factor by hepatocytes in the perfused rat liver. Dunn WA, et al. **Prog Clin Biol Res** 1985;180:461–2

Effect of the thromboxane receptor antagonist EP 092 on endotoxin shock in the sheep. Armstrong RA, et al. **Prostaglandins** 1985 May;29(5):703–13

Characterisation of the prostanoid receptors mediating contraction of guinea–pig isolated trachea. Coleman RA, et al. **Prostaglandins** 1985 Mar;29(3):363–75

Synthesis of [17,18–3H] trans–13–azaprostanoic acid. A labeled probe for the PGH2/TXA2 receptor. Ghali NI, et al. **Prostaglandins** 1984 Jun;27(6):865–76

Peptidoleukotriene binding in guinea pig uterine membrane preparations. Levinson SL. **Prostaglandins** 1984 Aug; 28(2):229–40

Identification of specific binding sites for leukotriene C4 in human fetal lung. Lewis MA, et al. **Prostaglandins** 1984 Jun;27(6):961–74

Identification of leukotriene D4 specific binding sites in the membrane preparation isolated from guinea pig lung. Mong S, et al. **Prostaglandins** 1984 Dec;28(6):805–22

Characterization of specific receptors for leukotriene D4 on human alveolar macrophages. Opmeer FA, et al. **Prostaglandins** 1984 Aug;28(2):183–94

Effect of long–term hyperprolactinemia on the prolactin receptor content of the rat ventral prostate. Blankenstein MA, et al. **Prostate** 1985;6(3):277–83

Peripheral models for the study of neurotransmitter receptors in man. Stahl SM. **Psychopharmacol Bull** 1985;21(3):663–71

Cooperativity of thymopoietin 32–36 (the active site) and thymopoietin 38–45 in receptor binding. Audhya T, et al. **Regul Pept** 1984 Oct;9(3):155–64

Relationship of CCK/gastrin receptor binding to amylase release in dog pancreatic acini. Fourmy D, et al. **Regul Pept** 1984 Dec;10(1):57–68

Somatostatin binding sites in cytosolic fraction isolated from rabbit antral and fundic gastric mucosa. Guijarro LG, et al. **Regul Pept** 1985 Mar;10(2–3):207–15

Up–regulation of thyrotropin–releasing hormone (TRH) receptors in rat spinal cord after codepletion of serotonin and TRH. Ogawa N, et al. **Regul Pept** 1985 Mar; 10(2–3):85–90

Characterization of cholecystokinin receptors in bullfrog (Rana catesbeiana) brain and pancreas. Vigna SR, et al. **Regul Pept** 1984 Oct;9(3):199–212

Transferrin receptors on circulating monocytes in hereditary haemochromatosis. Björn–Rasmussen E, et al. **Scand J Haematol** 1985 Apr;34(4):308–11

Gonadotropin–releasing hormone binding sites in human breast carcinoma. Eidne KA, et al. **Science** 1985 Sep 6; 229(4717):989–91

Interaction of calcitonin and calcitonin gene–related peptide at receptor sites in target tissues. Goltzman D, et al. **Science** 1985 Mar 15;227(4692):1343–5

Distinct hepatic receptors for low density lipoprotein and apolipoprotein E in humans. Hoeg JM, et al. **Science** 1985 Feb 15;227(4688):759–61

Hepatic receptors and their ligands: problems of intracellular sorting and vectorial movement. Jones AL, et al. **Semin Liver Dis** 1985 May;5(2):136–46 (55 ref.)

Hormone receptors and the liver. Levey GS, et al. **Semin Liver Dis** 1985 Feb;5(1):1–7

Biologic implications of steroid hormone receptors in cancers of the colon. Geelhoed GW, et al. **South Med J** 1985 Mar; 78(3):252–4

Specificity of renotropin receptors in murine Wilms tumor model. Tritsch GL, et al. **Urology** 1985 May;25(5):511–4

Affinity labeling of receptors for steroid and thyroid hormones. Katzenellenbogen JA, et al. **Vitam Horm** 1984; 41:213–74 (126 ref.)

Mechanisms for increased adenylate cyclase responsiveness to TSH in neoplastic human thyroid tissue. Clark OH, et al. **World J Surg** 1984 Aug;8(4):466–73

Biological characteristics of adenomatous nodules, adenomas, and hyperfunctioning nodules as defined by adenylate cyclase activity and TSH receptors. Thomas CG Jr, et al. **World J Surg** 1984 Aug;8(4):445–51

[Multiple sclerosis––a receptor disease? Etiopathogenic considerations] Kříž K. **Cesk Neurol Neurochir** 1984 Sep; 47(5):333–4 **(Cze)**

[Nuclear receptors for triiodothyronine in the leukocytes of patients with obesity and hypothyroidism] Felt V, et al. **Vnitr Lek** 1984 Dec;30(12):1186–90 (Eng. Abstr.) **(Cze)**

[Receptor binding. Cellular response in the action of hormones mobilizing calcium in the liver] Poggioli J, et al. **Biochimie** 1985 May;67(5):IX–XI **(Fre)**

[Epidermal growth factor: structure, location, phosphorylation and regulation of its receptor] St–Arnaud R, et al. **Biochimie** 1984 Jul–Aug;66(7–8):515–30 (311 ref.) (Eng. Abstr.) **(Fre)**

[Desensitization to VIP by down regulation of its peptide receptors in transformed HT–29 cells of human colonic epithelium in culture] Boissard C, et al. **C R Acad Sci [III]** 1984;299(19):795–8 (Eng. Abstr.) **(Fre)**

[Specific receptors for triiodothyronine in nuclei isolated from normal human polynuclear neutrophils] Brisson–Lougarre A, et al. **C R Acad Sci [III]** 1985; 300(7):287–92 (Eng. Abstr.) **(Fre)**

[Changes in the nuclear triiodothyronine receptor during the differentiation of preadipocytic cell lines of mice] Gharbi–Chihi J, et al. **C R Soc Biol (Paris)** 1984; 178(6):633–40 (Eng. Abstr.) **(Fre)**

[Study of stereoisomers of N6–phenylisopropyladenosine on the secretion of pancreatic glucagon] Loubatières–Mariani MM, et al. **C R Soc Biol (Paris)** 1985;179(2):230–4 (Eng. Abstr.) **(Fre)**

[Changes in and modulation of receptor activity in hepatic encephalopathy] Kienzl E, et al. **Infusionsther Klin Ernahr** 1985 Feb;12(1):32, 37–45 (46 ref.) (Eng. Abstr.) **(Ger)**

[Gastrin receptors in the human gastrointestinal tract––behavior in cancer and gastroduodenal ulcer] Peitsch W. **Z Gastroenterol [Verh]** 1985 Apr;20:10–4 **(Ger)**

[Pathomechanism of hyperthyroidism and hormone receptors (letter)] **Orv Hetil** 1985 Jan 6;126(1):57–9 **(Hun)**

[Hereditary metabolic diseases caused by membrane abnormality] Imamura T. **Nippon Rinsho** 1985 Apr; 43(4):846–50 **(Jpn)**

[Apolipoprotein receptor in the gonad and adrenal gland] Nishikawa T, et al. **Nippon Rinsho** 1984 Nov; 42(11):2416–21 (35 ref.) **(Jpn)**

[Dynamics and significance of transferrin receptors in various human placental cell membranes] Hirohashi T. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1254–60 (Eng. Abstr.) **(Jpn)**

[Receptor activation and inositol phospholipids] Takenawa T. **Seikagaku** 1985 Jan;57(1):1–19 (207 ref.) **(Jpn)**

[Receptor–adenylate cyclase coupling––receptor–GTP binding protein(N) coupling and ADP–ribosylation of N by bacterial toxins] Katada T, et al. **Tanpakushitsu Kakusan Koso** 1985 Apr;30(4):303–13 (146 ref.) **(Jpn)**

[The nature of thyroid hormone receptors. The role of serum thyroxine binding prealbumin in the realization of the hormonal effect] Azimova ShS, et al. **Biokhimiia** 1985 Jan; 50(1):114–121 (Eng. Abstr.) **(Rus)**

[The nature of thyroid hormone receptors. Translocation of thyroid hormones through plasma membranes] Azimova ShS, et al. **Biokhimiia** 1984 Aug;49(8):1350–6 (Eng. Abstr.) **(Rus)**

[The nature of thyroid hormone receptors. Thyroxine– and triiodothyronine–binding proteins of mitochondria] Azimova ShS, et al. **Biokhimiia** 1984 Sep;49(9):1478–85 (Eng. Abstr.) **(Rus)**

[Configuration and properties of a binding site for thyroid hormones on a specific receptor] Tropsha AE, et al. **Bioorg Khim** 1984 Apr;10(4):483–92 (Eng. Abstr.) **(Rus)**

[Role of receptor– and calmodulin–dependent processes in the regulation of cellular activity and in the development of cardiovascular pathology] Tkachuk VA, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1985;8(1):108–13 **(Rus)**

[Receptors for polymerized human albumin: new aspects of hepatitis B virus infection] Mora Pérez I, et al. **Rev Clin Esp** 1985 Jan;176(1):1–4 (30 ref.) (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

The receptor concept revisited. Rousseau GG, et al. **Acta Clin Belg** 1985;40(3):143–8

Effects of intrauterine instillation of antiserum to hCG during early pregnancy in mice. Joshi NJ, et al. **Acta Endocrinol (Copenh)** 1984 Oct;107(2):268–74

Characterization of pre– and post–junctional adenosine receptors in guinea–pig ileum. Gustafsson LE, et al. **Acta Physiol Scand** 1985 Feb;123(2):195–203

Characterization of the prostanoid receptors and of the contractile effects of prostaglandin F2 alpha in human pial arteries. Uski TK, et al. **Acta Physiol Scand** 1984 Aug; 121(4):369–78

Properties required of a functional Ni, the GTP regulatory complex that mediates the inhibitory actions of neurotransmitters on adenylate cyclase. Cooper DM, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:75–86

Adenosine receptors. Daly JW. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:29–46 (115 ref.)

Receptors coupled to calcium mobilization. Gill DL. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:307–24 (67 ref.)

Adenosine, adenylate cyclase, and transmitter release. Phillis JW, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:243–57 (81 ref.)

A central role for magnesium in the regulation of inhibitory adenosine receptors. Cooper DM, et al. **Adv Exp Med Biol** 1984;175:17–30

Neuromodulatory roles of adenosine receptors coupling to the calcium channel and adenylate cyclase. Kuroda Y. **Adv Exp Med Biol** 1984;175:145–58 (25 ref.)

Mechanisms of somatostatin action in pituitary cells. Schonbrunn A, et al. **Adv Exp Med Biol** 1985;188:305–24

Modulation of alpha 2–adrenergic receptors of rat vas deferens by adenosine receptors. Watanabe Y, et al. **Adv Exp Med Biol** 1984;175:133–43

Cell receptors. Kaplan SA. **Am J Dis Child** 1984 Dec; 138(12):1140–6 (17 ref.)

Receptor–mediated endocytosis: a model and its implications for experimental analysis. Gex–Fabry M, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R768–79

Interaction of left atrial receptors and carotid sinus baroreceptors on heart rate in the dog. Teo KK, et al. **Am J Physiol** 1985 May;248(5 Pt 2):H631–6

Dynamic model of gonadotropin–releasing hormone receptor function. Zolman JC. **Am J Physiol** 1985 Mar;248(3 Pt 2):R312–9

Receptors and phosphoinositide-generated second messengers. Hokin LE. **Annu Rev Biochem** 1985;54:205–35 (351 ref.)

Protein-tyrosine kinases. Hunter T, et al. **Annu Rev Biochem** 1985;54:897–930 (239 ref.)

The nature and regulation of the receptors for pituitary growth hormone. Hughes JP, et al. **Annu Rev Physiol** 1985; 47:469–82 (85 ref.)

The relationship between intracellular second messengers and platelet secretion. Knight DE, et al. **Biochem Soc Trans** 1984 Dec;12(6):969–72

Receptor-specific threshold effects of cyclic AMP are involved in the regulation of enzyme release and superoxide production from human neutrophils. Lad PM, et al. **Biochim Biophys Acta** 1985 Aug 30;846(2):286–95

Receptor-mediated endocytosis of alpha 2-macroglobulin and transferrin in rat caput epididymal epithelial cells in vitro. Djakiew D, et al. **Biol Reprod** 1984 Dec; 31(5):1073–85

Zinc-induced platelet aggregation is mediated by the fibrinogen receptor and is not accompanied by release or by thromboxane synthesis. Heyns A du P, et al. **Blood** 1985 Jul;66(1):213–9

N-Methyl-D-aspartate (NMDA), kainate and quisqualate receptors and the generation of fictive locomotion in the lamprey spinal cord. Brodin L, et al. **Brain Res** 1985 Jan 28;325(1–2):302–6

An evaluation of selected brain constituents as putative excitatory neurotransmitters. Luini A, et al. **Brain Res** 1984 Dec 24;324(2):271–7

Development of stress-induced gastric lesions involves central adenosine A1-receptor stimulation. Ushijima I, et al. **Brain Res** 1985 Jul 29;339(2):351–5

Inhibition of tumor cell growth by aggregation of a tumor-associated glycolipid antigen: a close functional association between gangliotriaosylceramide and transferrin receptor in mouse lymphoma L-5178Y. Okada Y, et al. **Cancer Res** 1985 Jun;45(6):2793–801

Transforming protein of simian sarcoma virus stimulates autocrine growth of SSV-transformed cells through PDGF cell-surface receptors. Huang JS, et al. **Cell** 1984 Nov;39(1):79–87

Decreased pressor reactivity to angiotensin II in cirrhotic rats Evidence for a post-receptor defect in angiotensin action. Murray BM, et al. **Circ Res** 1985 Sep;57(3):424–31

Role of angiotensin II(AII) receptors in discrete rat brain areas and posterior pituitary. Saavedra JM, et al. **Clin Exp Hypertens** [A] 1984;6(10–11):2107–11

Autacoid receptors in the human fetoplacental vasculature. Maguire MH, et al. **Contrib Gynecol Obstet** 1985;13:170–2

Transferrin receptors: structure and function. Testa U. **Curr Top Hematol** 1985;5:127–61 (160 ref.)

Transferrin receptors regulate proliferation of normal and malignant B cells. Neckers LM. **Curr Top Microbiol Immunol** 1984;113:62–8

Study of oxytocin receptor: II. oxytocin and prostaglandin F2 alpha receptors in human myometria and amnion-decidua complex during pregnancy and labor. Fukai H, et al. **Endocrinol Jpn** 1984 Oct;31(5):565–70

Pressor-type vasopressin receptors in the adrenal cortex: properties of binding, effects on phosphoinositide metabolism and aldosterone secretion. Balla T, et al. **Endocrinology** 1985 Jul;117(1):421–3

L-Triiodothyronine (T3) stimulates growth of cultured GC cells by action early in the G1 period: evidence for mediation by the nuclear T3 receptor. DeFesi CR, et al. **Endocrinology** 1985 May;116(5):2062–9

Receptor mediated action without receptor occupancy. Fletcher WH, et al. **Endocrinology** 1985 Apr;116(4):1660–2

Effects of gonadotropin-releasing hormone receptor blockade on rat testicular gonadotropin and lactogen receptors, steroidogenesis, and responses to human chorionic gonadotropin stimulation. Huhtaniemi IT, et al. **Endocrinology** 1985 Jan;116(1):281–7

Homologous regulation of hormone receptors: luteinizing hormone increases its own receptors in cultured rat granulosa cells. Jia XC, et al. **Endocrinology** 1984 Dec; 115(6):2433–9

Insulin-like growth factor receptor in fetal lamb liver: characterization and developmental changes. Owens PC, et al. **Endocrinology** 1985 Sep;117(3):982–90

Beta-adrenergic regulation of prostaglandin E2 receptors in human and rat adipocytes. Richelsen B, et al. **Endocrinology** 1985 Mar;116(3):1182–8

Maternal modulation of infantile ovarian development and available ovarian luteinizing hormone-releasing hormone (LHRH) receptors via milk LHRH. Smith SS, et al. **Endocrinology** 1984 Nov;115(5):1973–83

Regulation of corticotropin-releasing factor (CRF) receptors in the rat pituitary gland: effects of adrenalectomy on CRF receptors and corticotroph responses. Wynn PC, et al. **Endocrinology** 1985 Apr;116(4):1653–9

Receptor interactions in stimulation of hydrolysis of inositol phospholipids. Roberts ML, et al. **Eur J Pharmacol** 1985 Feb 26;109(2):293–6

Current concepts of volume receptor regulation of vasopressin release. Menninger RP. **Fed Proc** 1985 Jan;44(1 Pt 1):55–8 (27 ref.)

In vivo evidence that cobalamin is absorbed by receptor-mediated endocytosis in the mouse. Robertson JA, et al. **Gastroenterology** 1985 Apr;88(4):908–12

Transferrin and its receptor: their roles in cell function. Bomford AB, et al. **Hepatology** 1985 Sep–Oct;5(5):870–5 (74 ref.)

Receptor-mediated endocytosis and targeted drug delivery. Fallon RJ, et al. **Hepatology** 1985 Sep–Oct;5(5):899–901

A carrier-protein receptor is not a prerequisite for avid hepatic elimination of highly bound compounds: a study of propranolol elimination by the isolated perfused rat liver. Jones DB, et al. **Hepatology** 1985 Jul–Aug;5(4):590–3

Acetaminophen hepatotoxicity and targeted rescue: a model for specific chemotherapy of hepatocellular carcinoma. Wu GY, et al. **Hepatology** 1985 Sep–Oct;5(5):709–13

Adenosine receptors on human inflammatory cells. Marone G, et al. **Int Arch Allergy Appl Immunol** 1985; 77(1–2):259–63

The platelet-derived growth factor receptor. Bowen-Pope DF, et al. **Int J Neurosci** 1985 Apr;26(1–2):141–53

Neurite formation modulated by nerve growth factor, insulin, and tumor promoter receptors. Ishii DN, et al. **Int J Neurosci** 1985 Apr;26(1–2):109–27

Characteristics of the nerve growth factor receptors and a nerve growth factor receptor--nerve growth factor covalent complex. Stach RW, et al. **Int J Neurosci** 1985 Apr;26(1–2):87–94

Multiple synaptic receptors for neuroactive amino acid transmitters--new vistas. Sharif NA. **Int Rev Neurobiol** 1985;26:85–150 (312 ref.)

New insights into receptor regulation. Poste G. **J Appl Physiol** 1984 Nov;57(5):1297–305 (60 ref.)

Lateral hypothalamic responses to pre-absorptive and post-absorptive signals related to amino acid ingestion. Jeanningros R. **J Auton Nerv Syst** 1984 May–Jun; 10(3–4):261–8

Comparison between the properties of the vagal and splanchnic glucoreceptors of the small intestine. Involvement in insulin release. Mei N, et al. **J Auton Nerv Syst** 1984 May–Jun;10(3–4):275–8

Reflex control of the autonomic nervous system activity from the glucose sensors in the liver in normal and midpontine-transected animals. Niijima A. **J Auton Nerv Syst** 1984 May–Jun;10(3–4):279–85

Neural network of glucose monitoring system. Oomura Y, et al. **J Auton Nerv Syst** 1984 May–Jun;10(3–4):359–72 (372 ref.)

The type II insulin-like growth factor receptor does not mediate increased DNA synthesis in H-35 hepatoma cells. Mottola C, et al. **J Biol Chem** 1984 Oct 25;259(20):12705–13

Receptor-mediated uptake of remnant lipoproteins by cholesterol-loaded human monocyte-macrophages. Van Lenten BJ, et al. **J Biol Chem** 1985 Jul 25;260(15):8783–8

The role of angiotensin II receptors in vascular regulation. Catt KJ, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 4:S575–86 (99 ref.)

Regulation of gonadotropin release, GnRH receptors, and gonadotrope responsiveness: a role for GnRH receptor microaggregation. Conn PM, et al. **J Cell Biochem** 1985; 27(1):13–21 (38 ref.)

Phosphomannosyl receptors may participate in the adhesive interaction between lymphocytes and high endothelial venules. Stoolman LM, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1535–40

Two receptor classes for epidermal growth factor on pheochromocytoma cells, distinguishable by temperature, lectins, and tumor promoters. Boonstra J, et al. **J Cell Physiol** 1985 Jun;123(3):347–52

Density-associated loss of functional receptors for somatomedin-C/insulinlike growth factor I (SM-C/IGF-I) on cultured human fibroblast monolayers. Rosenfeld RG, et al. **J Cell Physiol** 1984 Nov;121(2):419–24

Evidence from monoclonal antibody studies that insulin stimulates deoxyribonucleic acid synthesis through the type I somatomedin receptor. Van Wyk JJ, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):639–43

Mechanism of sodium modulation of glomerular angiotensin receptors in the rat. Bellucci A, et al. **J Clin Invest** 1984 Nov;74(5):1593–600

Human thrombomodulin is not an efficient inhibitor of the procoagulant activity of thrombin. Maruyama I, et al. **J Clin Invest** 1985 Mar;75(3):987–91

Role of transferrin, Fe, and transferrin receptors in myeloid leukemia cell growth. Studies with an antitransferrin receptor monoclonal antibody. Taetle R, et al. **J Clin Invest** 1985 Mar;75(3):1061–7

The thyrotropin receptor and its role in Graves' disease. Rees Smith B, et al. **J Endocrinol Invest** 1985 Apr;8(2):175–82 (29 ref.)

Regulation of platelet receptors for angiotensin II in man. Ding YA, et al. **J Hypertens** 1985 Jun;3(3):209–12

Adenosine; a physiologic modulator of superoxide anion generation by human neutrophils. Adenosine acts via an A2 receptor on human neutrophils. Cronstein BN, et al. **J Immunol** 1985 Aug;135(2):1366–71

The role of the transferrin receptor in human B lymphocyte activation. Neckers LM, et al. **J Immunol** 1984 Nov; 133(5):2437–41

Vasoactive intestinal peptide and neuropeptide modulation of the immune response. O'Dorisio MS, et al. **J Immunol** 1985 Aug;135(2 Suppl):792s–796s

Neuropeptides and their receptors: a psychosomatic network. Pert CB, et al. **J Immunol** 1985 Aug;135(2 Suppl):820s–826s

Evolutionary origins of neuropeptides, hormones, and receptors: possible applications to immunology. Roth J, et al. **J Immunol** 1985 Aug;135(2 Suppl):816s–819s

Pharmacological basis of therapeutics: insulin-like growth factors. Brostrom MA. **J Med Soc NJ** 1984 Nov; 81(11):967–9

Inhibitory adenosine receptors in the heart: characterization by ligand binding studies and effects on beta-adrenergic receptor stimulated adenylate cyclase and membrane protein phosphorylation. Hosey MM, et al. **J Mol Cell Cardiol** 1984 Oct;16(10):931–42

Synthesis and biological evaluation of the superagonist [N alpha-chlorotriazinylaminofluorescein-Ser1,Nle4,D-Phe7] pha-MSH. Chaturvedi DN, et al. **J Pharm Sci** 1985 Mar; 74(3):237–40

Enhanced in vivo responsiveness of presynaptic angiotensin II receptor-mediated facilitation of vascular adrenergic neurotransmission in spontaneously hypertensive rats. Cline WH Jr. **J Pharmacol Exp Ther** 1985 Mar;232(3):661–9

Adenosine receptors on canine parietal cells modulate gastric acid secretion to histamine. Gerber JG, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):623–7

Receptors: perspectives in pathology and clinical medicine. Ariëns EJ. **J Recept Res** 1984;4(1–6):1–17 (55 ref.)

Measurement of receptor induced changes in intracellular free calcium in human platelets. Erne P, et al. **J Recept Res** 1984;4(1–6):587–604

Receptor-induced diacylglycerol formation in permeabilized platelets; possible role for a GTP-binding protein. Haslam RJ, et al. **J Recept Res** 1984;4(1–6):605–29

The role of phosphatidylinositol 4,5 bisphosphate breakdown in cell-surface receptor activation. Kirk CJ, et al. **J Recept Res** 1984;4(1–6):489–504

The application of HPLC methodology for the analysis of receptor mediated changes in phosphoinositide metabolism. Roduit C, et al. **J Recept Res** 1984;4(1–6):505–20

Peripheral receptor populations involved in the regulation of gastrointestinal motility and the pharmacological actions of metoclopramide-like drugs. Fernández AG, et al. **Life Sci** 1985 Jan 7;36(1):1–14 (102 ref.)

Effects of luteinizing hormone-releasing hormone agonist and calcium upon adenylyl cyclase activity of human corpus luteum membranes. Rojas FJ, et al. **Life Sci** 1985 Mar 4;36(9):841–50

The mechanisms of LHRH agonist action in gonadal tissues. Cooke BA, et al. **Mol Cell Endocrinol** 1985 Jul; 41(2–3):115–22 (68 ref.)

Studies on the mechanism of desensitization of the cyclic AMP response to TSH stimulation in a cloned rat thyroid cell line. Hirayu H, et al. **Mol Cell Endocrinol** 1985 Aug; 42(1):21–7

The interaction between the TSH receptor and Graves' sera with TSH agonist or antagonist properties. Jones ED, et al. **Mol Cell Endocrinol** 1985 Jul;41(2–3):257–61

Receptor-mediated degradation of human growth hormone in rat adipocytes and cultured human lymphocytes (IM-9). Weyer B, et al. **Mol Cell Endocrinol** 1985 Jun;41(1):85–92

Increased gonadotrophin releasing hormone receptors on pituitary gonadotrophs: effect on subsequent LH secretion. Young LS, et al. **Mol Cell Endocrinol** 1985 Jun;41(1):69–78

The relationships between receptor binding capacity for norepinephrine, angiotensin II, and vasopressin and release of inositol trisphosphate, Ca2+ mobilization, and phosphorylase activation in rat liver. Lynch CJ, et al. **Mol Pharmacol** 1985 Aug;28(2):93–9

Adenosine receptors mediating inhibitory electrophysiological responses in rat hippocampus are different from receptors mediating cyclic AMP accumulation. Dunwiddie TV, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Jul; 326(4):294–301

Receptors. Thijssen JH. **Neth J Med** 1985;28(2):49–51

Nuclear thyroid hormone receptors. Wiersinga WM. **Neth J Med** 1985;28(2):74–82 (95 ref.)

Differential regulation of corticotropin-releasing factor receptors in anterior and intermediate lobes of pituitary and in brain following adrenalectomy in rats. De Souza EB, et al. **Neurosci Lett** 1985 May 14;56(2):121–8

Differential sensitivity of selected rat brain areas to excitatory neurotransmitters released by K+ depolarization. Luini A, et al. **Neurosci Lett** 1984 Aug 31;49(3):325–30

Transferrin and its cellular receptor underscore the importance of iron in cell growth. **Nutr Rev** 1985 Feb; 43(2):56–8 (12 ref.)

Receptor-mediated binding and uptake of GnRH agonist and antagonist by pituitary cells. Jennes L, et al. **Peptides (Fayetteville)** 1984;5 Suppl 1:215–20

Stimulation of glucose uptake by transforming growth factor beta: evidence for the requirement of epidermal growth factor-receptor activation. Inman WH, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1346–9

The contribution of animal models to the understanding of endocrine management of prostate cancer. Effect of androgen and estrogen. Rao BR. **Prog Clin Biol Res** 1985; 185A:3–21

Transforming growth factors. Isolation, characterization, and interaction with cellular receptors. Massagué J. **Prog Med Virol** 1985;32:142–58 (43 ref.)

The interaction of prolactin with its receptors in target tissues and its mechanism of action. Kelly PA, et al. **Recent Prog Horm Res** 1984;40:379–439 (102 ref.)

Endothelial cell membrane and plasma protein interaction: The thrombomodulin-protein C system. Boffa MC, et al. **Rev Fr Transfus Immunohematol** 1984 Dec;27(6):807–16 (32 ref.)

The preparation of bioactive 125I-gastrin, using Iodo-gen as oxidizing agent, and the use of this tracer in receptor studies. Kleveland PM, et al. **Scand J Gastroenterol** 1985 Jun;20(5):569-76

A role for glycosylation of the alpha subunit in transduction of biological signal in glycoprotein hormones. Sairam MR, et al. **Science** 1985 Jul 5;229(4708):65-7

Granulocyte activation. Biochemical events associated with the mobilization of calcium. Naccache PH, et al. **Surv Immunol Res** 1984;3(4):288-94 (40 ref.)

Nerve growth factor: mechanism of action. Bradshaw RA, et al. **Symp Fundam Cancer Res** 1984;37:87-101 (61 ref.)

Preparation of thrombomodulin from human placenta. Kurosawa S, et al. **Thromb Res** 1985 Feb 1;37(3):353-64

[Endocytosis of peptide hormones mediated by receptors] Gao EW, et al. **Sheng Li Ko Hsueh Chin Chan** 1984 Apr; 15(2):157-61 **(Chi)**

[Basic knowledge on receptor theory] Jin YC. **Sheng Li Ko Hsueh Chin Chan** 1984 Jul;15(3):268-76 **(Chi)**

[Animal experiments and clinical studies on the role of adenosine in bronchial asthma] Pauwels R. **Verh K Acad Geneeskd Belg** 1984;46(6):385-439 (72 ref.) (Eng. Abstr.) **(Dut)**

[Somatic cell mutants with altered receptor and endocytosis activities] Kuwano M, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):669-76 (Eng. Abstr.) **(Jpn)**

[Mitogenic responsiveness to growth factor and tumor promoters and regulation of cell growth] Shimizu N. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):692-9 (Eng. Abstr.) **(Jpn)**

[Studies on adipocyte glucagon receptor assay—with special reference to the effect of cold acclimation on glucagon receptors of white adipocytes] Uehara A. **Hokkaido Igaku Zasshi** 1985 May;60(3):375-90 (Eng. Abstr.) **(Jpn)**

[Receptors in the kidney] **Nippon Jinzo Gakkai Shi** 1984 Jul; 26(7):905-15 **(Jpn)**

[Receptors and substance metabolism in the kidney glomerulus] Matsunaga H, et al. **Nippon Rinsho** 1984 Jun; 42(6):1265-72 **(Jpn)**

[Physiological roles of ATP and adenosine receptors in nervous systems] Kuroda Y. **Tanpakushitsu Kakusan Koso** 1984 Nov;29(12 Suppl):1405-23 (99 ref.) **(Jpn)**

[The mediator, receptor and messenger2 system in medicine] Filip V. **Rev Med Interna [Med Interna]** 1985 Jan-Feb; 37(1):7-18 (20 ref.) **(Rum)**

[Modification of the electric characteristics of bilayer lipid membranes by intramitochondrial thyroid hormone receptors] Kozhomkulov E, et al. **Probl Endokrinol (Mosk)** 1984 Sep-Oct;30(5):60-3 (Eng. Abstr.) **(Rus)**

[Loss of specific membrane receptors during the interphase death of thymus cells] Zherbin EA, et al. **Tsitologiia** 1984 Aug;26(8):973-7 (Eng. Abstr.) **(Rus)**

[Age aspects of receptor-effector reactions and the regulation of adenylate cyclase activity] Burchinskiĭ SG, et al. **Ukr Biokhim Zh** 1985 Jul-Aug;57(4):86-98 (101 ref.) (Eng. Abstr.) **(Rus)**

[Hormones and receptors in gynecology] Ayala AR, et al. **Ginecol Obstet Mex** 1984 Feb;52(322):27-32 (Eng. Abstr.) **(Spa)**

RADIATION EFFECTS

Radiation inactivation (target size analysis) of the gonadotropin-releasing hormone receptor: evidence for a high molecular weight complex. Conn PM, et al. **Endocrinology** 1985 Apr;116(4):1324-6

Molecular size of the epidermal growth factor receptor-kinase as determined by radiation inactivation. Haigler HT, et al. **J Biol Chem** 1985 Feb 25;260(4):2178-84

Identification of the prostacyclin receptor by radiation inactivation. Leigh PJ, et al. **J Biol Chem** 1984 Oct 25; 259(20):12431-6

Direct cross-linking of 125I-labeled glucagon to its membrane receptor by UV irradiation. Iwanij V, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):325-9

THERAPEUTIC USE

Specific membrane receptors for atrial natriuretic factor in renal and vascular tissues. Napier MA, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):5946-50

RECEPTORS, ENDORPHIN

Effects of somatostatin and a long-acting somatostatin analogue on the prevention and treatment of experimentally induced acute pancreatitis in the rat. Baxter JN, et al. **Br J Surg** 1985 May;72(5):382-5

Long term treatment of acromegaly with a long acting analogue of somatostatin. Ch'ng LJ, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):284-5

Cardiovascular properties of metkephamid, a delta opioid receptor agonist, in man. Pasanisi F, et al. **Clin Sci** 1985 Feb;68(2):209-13

Iodothyronines and iodotyrosines as hypothetical receptors for catecholamines and opiates. Clur A. **Med Hypotheses** 1985 Feb;16(2):97-131

International Narcotic Research Conference. Cambridge 1984. Reports. **Neuropeptides** 1984 Dec;5(1-3):1-298

ANALYSIS

Detection and characterization of four binding sites for opioids in the mouse brain. Neil A. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb;56(2):108-16

Characteristics of receptors and enzymes in brains of human alcoholics. Tabakoff B, et al. **Alcohol** 1985 May-Jun; 2(3):419-23

The sexually dimorphic region of the preoptic area in rats contains denser opiate receptor binding sites in females. Hammer RP Jr. **Brain Res** 1984 Aug 6;308(1):172-6

Opiate binding sites in the chick, rabbit and goldfish retina. Slaughter MM, et al. **Brain Res** 1985 Jul 22;339(1):39-47

Multiple opioid receptor systems in brain and spinal cord: Part I. Yaksh TL. **Eur J Anaesthesiol** 1984 Jun;1(2):171-99 (139 ref.)

Autoradiographic localisation of opiate receptors in rat small intestine. Dashwood MR, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):267-9

Autoradiographic localization of delta opioid receptors in the rat brain using a highly selective bis-penicillamine cyclic enkephalin analog. Gulya K, et al. **Eur J Pharmacol** 1985 May 8;111(2):285-6

Sizes of opioid receptor types in rat brain membranes. Lai FA, et al. **Eur J Pharmacol** 1984 Aug 17;103(3-4):349-54

3-[18F]Acetylcyclofoxy: a useful probe for the visualization of opiate receptors in living animals. Pert CB, et al. **FEBS Lett** 1984 Nov 19;177(2):281-6

Imaging opiate receptors in the human brain by positron tomography. Frost JJ, et al. **J Comput Assist Tomogr** 1985 Mar-Apr;9(2):231-6

[3H]Ethylketocyclazocine binding to mouse brain membranes: evidence for a kappa opioid receptor type. Garzón J, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):33-7

Sigma opioid receptor: characterization and co-identity with the phencyclidine receptor. Mendelsohn LG, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):597-602

Differential, postnatal ontogeny of opiate and benzodiazepine receptor subtypes in rat cerebral cortex: binding characteristics of tifluadom and brotizolam. Hill HF, et al. **Jpn J Pharmacol** 1984 Sep;36(1):15-21

New labelled ligand for in-vivo studies of opioid physiology [letter] Jones AK, et al. **Lancet** 1985 Sep 21;2(8456):665-6

Presence of dynorphin-like immunoreactivity but not opiate binding in Walker-256 tumors. Bryant HU, et al. **Life Sci** 1985 Jul 15;37(2):155-60

Mu1: a very high affinity subtype of enkephalin binding sites in rat brain. Lutz RA, et al. **Life Sci** 1985 Jun 10; 36(23):2233-8

Postnatal development of opioid systems in rat brain. Loughlin SE, et al. **Neuropeptides** 1985 Feb;5(4-6):469-72

Dynorphin receptor in the blood vessel. Sun FY, et al. **Neuropeptides** 1985 Feb;5(4-6):595-8

A rapid filtration method for receptor binding: characterization with mu and delta opiate receptors. Zadina JE, et al. **Pharmacol Biochem Behav** 1984 Dec;21(6):947-52

Opiate peptide receptors on intact NIE-115 neuroblastoma: radioligand binding properties, intracellular response, and effects of increasing membrane cholesterol. Rao BG, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):719-23

Brain slices in radioligand binding assays: quantification of opiate, benzodiazepines and beta-adrenergic ([3H] CGP-12177) receptors. Wilkinson M, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):621-6

Demonstration of non-opioid sigma binding with (d)3H-SKF 10047 in guinea pig brain. Mickelson MM, et al. **Res Commun Chem Pathol Pharmacol** 1985 Feb; 47(2):255-63

[Enkephalinergic receptors at the level of the lower urinary tract] Cariou G, et al. **Ann Urol (Paris)** 1985;19(2):79-82 (16 ref.) (Eng. Abstr.) **(Fre)**

[Heterogeneity of opiate receptors: analysis by pattern recognition] Ouannès C, et al. **C R Acad Sci [III]** 1984; 299(14):567-70 (Eng. Abstr.) **(Fre)**

BIOSYNTHESIS

Ontogenesis of opiate receptors in regions of the ovine brain. Villiger JW, et al. **Pediatr Pharmacol (New York)** 1982; 2(4):349-56

CLASSIFICATION

Presynaptic opioid receptor subtypes in the rabbit ear artery. Illes P, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):526-33

DRUG EFFECTS

Differential effects of epidural morphine in the treatment of cancer-related pain. Arnér S, et al. **Acta Anaesthesiol Scand** 1985 Jan;29(1):32-6

Sex-dependent endorphinergic and adrenergic control mechanisms of luteinizing hormone secretion in immature rats. Schulz R, et al. **Acta Endocrinol (Copenh)** 1985 Jun; 109(2):198-203

Effects of pentazocine and concomitant clonidine on opioid receptors in the rat brain. Ogawa N, et al. **Acta Med Okayama** 1985 Jun;39(3):217-20

The effect of antidepressants on circadian rhythms in brain neurotransmitter receptors. Kafka MS. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:162-9

Opioid peptides and receptors in relation to affective illness. Effects of desipramine and lithium on opioid receptors in rat brain. Stengaard-Pedersen K, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:170-9

Nervous control of the release of neurotensin-like immunoreactivity from the small intestine of the rat. Al-Saffar A, et al. **Acta Physiol Scand** 1984 Sep;122(1):1-6

Chronic ethanol induces changes in opiate receptor function and in met-enkephalin release. Lucchi L, et al. **Alcohol** 1985 Mar-Apr;2(2):193-5

Stereospecific interaction between alcohol and opiates mediated by the mu high-affinity binding receptor. Ng Cheong Ton JM, et al. **Alcohol** 1985 Mar-Apr;2(2):333-7

Local endogenous opiate activity in dog myocardium: receptor blockade with naloxone. Caffrey JL, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):H382-8

Bacteremia-induced changes in pituitary hormone release and effect of naloxone. Leshin LS, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E585-91

Nitrous oxide acts directly at the mu opioid receptor [letter] Gillman MA, et al. **Anesthesiology** 1985 Mar;62(3):375-6

Narcotic analgesia—ceiling effect [letter] Kay B. **Anesthesiology** 1985 Mar;62(3):371-2

Opioid receptors mediating the antinociceptive effect of dynorphin at spinal cord level. Spampinato S, et al. **Ann Ist Super Sanita** 1984;20(1):99-102

Kappa opioid agonists and antagonists: effects on drinking and urinary output. Leander JD. **Appetite** 1984 Mar; 5(1):7-14

The role of adrenergic, purinergic and opiate receptors in the control of prostacyclin-induced contraction in the guinea-pig ileum. Gaion RM, et al. **Arch Int Pharmacodyn Ther** 1984 Sep;271(1):33-44

Effects of tifluadom on passive avoidance behaviour in DBA/2 mice. Pavone F, et al. **Behav Brain Res** 1985 May; 15(3):177-81

Effects of cycloheximide and tunicamycin on opiate receptor activities in neuroblastoma X glioma NG108-15 hybrid cells. Law PY, et al. **Biochem Pharmacol** 1985 Jan 1; 34(1):9-17

Kappa opiate receptor agonists: effects on behavior and on brain function and structure in rhesus monkeys. Heath RG, et al. **Biol Psychiatry** 1984 Jul;19(7):1045-74

Nontolerance to the opioid antagonism of naltrexone. Kleber HD, et al. **Biol Psychiatry** 1985 Jan;20(1):66-72

Comparison of sigma- and kappa-opiate receptor ligands as excitatory amino acid antagonists. Berry SC, et al. **Br J Pharmacol** 1984 Sep;83(1):179-85

A microiontophoretic study of the actions of mu-, delta- and kappa-opiate receptor agonists in the rat brain. Bradley PB, et al. **Br J Pharmacol** 1984 Nov;83(3):763-72

Pre-incubation of guinea-pig myenteric plexus with beta-funaltrexamine: discrepancy between binding assays and bioassays. Corbett AD, et al. **Br J Pharmacol** 1985 Jul;85(3):665-73

Selectivities of opioid peptide analogues as agonists and antagonists at the delta-receptor. Corbett AD, et al. **Br J Pharmacol** 1984 Sep;83(1):271-9

Central delta-opioid receptor interactions and the inhibition of reflex urinary bladder contractions in the rat. Dray A, et al. **Br J Pharmacol** 1985 Jul;85(3):717-26

Selective inactivation of opioid receptors in rat hippocampus demonstrates that dynorphin-A and -B may act on mu-receptors in the CA1 region. Chavkin C, et al. **Brain Res** 1985 Apr 8;331(2):366-70

Evidence that naloxonazine produces prolonged antagonism of central delta opioid receptor activity in vivo. Dray A, et al. **Brain Res** 1984 Dec 3;323(1):123-7

Prenatal haloperidol alters striatal dopamine and opiate receptors. Moon SL. **Brain Res** 1984 Dec 3;323(1):109-13

Studies on spinal opiate receptor pharmacology. III. Analgetic effects of enkephalin dimers as measured by cutaneous-thermal and visceral-chemical evoked responses. Schmauss C, et al. **Brain Res** 1985 Jul 1; 337(2):209-15

Multi-dimensional analyses of behavior in mice treated with U-50,488H, a purported kappa (non-mu) opioid agonist. Ukai M, et al. **Brain Res** 1985 Jul 1;337(2):352-6

Hyperthermic response of the cat to intraventricular injection of the opioid delta-receptor agonist D-Ala2-D-Leu5-enkephalin. Pang IH, et al. **Brain Res Bull** 1984 Aug;13(2):263-8

Estrogen changes as a critical factor in modulation of central opioid tonus: possible correlations with post-menopausal migraine. Genazzani AR, et al. **Cephalalgia** 1985 May;5 Suppl 2:212-4

Effect of sodium chloride on opiate receptor binding in spontaneously hypertensive rats: dependence on age. Hahn EF. **Clin Exp Hypertens [A]** 1985;7(1):123-37

Increase in rat cortical [3H]naloxone binding site density after chronic administration of antidepressant agents. Antkiewicz-Michaluk L, et al. **Eur J Pharmacol** 1984 Jun 15;102(1):179-81

Circannual variation in opioid receptor sensitivity in mouse vas deferens. De Ceballos ML, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):227-8

Opioid receptor subtypes involved in the central inhibition of urinary bladder motility. Dray A, et al. **Eur J Pharmacol** 1984 Sep 3;104(1-2):47-53

Cellular mechanisms of opiate receptor stimulation in cat middle cerebral artery. Harder DR, et al. **Eur J Pharmacol** 1984 Jul 20;102(3-4):411-6

Possible involvement of opiate receptors in the pharmacological profiles of antidepressant compounds. Isenberg KE, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):57-63

Comparative antagonism by naltrexone and naloxone of mu, kappa, and delta agonists. Takemori AE, et al. **Eur J Pharmacol** 1984 Sep 3;104(1-2):101-4

Opioid receptor binding characteristics of the non-equilibrium mu antagonist, beta-funaltrexamine (beta-FNA). Ward SJ, et al. **Eur J Pharmacol** 1985 Jan 8;107(3):323-30

Direct effects of the adrenergic neurotoxin DSP4 on central opiate receptors: implications for neuroendocrine studies. Jacobson W, et al. **Exp Brain Res** 1985;59(3):570-4

Opiate receptor blockade and diurnal pituitary and adrenal hormone levels. Leslie RD, et al. **Horm Metab Res** 1985 Feb;17(2):86-9

Beta-endorphin does not protect alkylation of opiate receptor by N-ethylmaleimide. Westphal M, et al. **Int J Pept Protein Res** 1985 Apr;25(4):403-7

Intracranial self-administration of the endocoid methionine-enkephalin. Goeders NE, et al. **J Am Osteopath Assoc** 1984 Sep;84(1 Suppl):148-51

Possible complications of using naloxone as an internal opiate antagonist in the investigation of the role of endorphins in osteopathic manipulative treatment. Payson SM, et al. **J Am Osteopath Assoc** 1984 Sep;84(1 Suppl):152-6

Central nervous system opiate and 5-hydroxytryptamine influences on baroreflex control of the coronary circulation. Moore PG, et al. **J Auton Nerv Syst** 1985 Feb-Mar;12(2-3):185-94

Environmentally induced analgesia: an age-related decline in an endogenous opioid system. Hamm RJ, et al. **J Gerontol** 1985 May;40(3):268-74

Diastereomeric 6-desoxy-6-spiro-alpha-methylene-gamma-butyrolactone derivatives of naltrexone and oxymorphone. Selective irreversible inhibition of naltrexone binding in an opioid receptor preparation by a conformationally restricted michael acceptor ligand. Koolpe GA, et al. **J Med Chem** 1984 Dec;27(12):1718-23

Effects of 5,5'-dithiobis-(2-nitrobenzoic acid) on opiate binding to both the membrane-bound receptor and the partially purified opiate receptor. Nozaki M, et al. **J Neurochem** 1985 Aug;45(2):461-4

The involvement of opiate receptors in the effects of trimebutine on intestinal motility in the conscious dog. Fioramonti J, et al. **J Pharm Pharmacol** 1984 Sep;36(9):618-21

Kappa-opioid diuretic effects of tifluadom, a benzodiazepine opioid agonist. Leander JD. **J Pharm Pharmacol** 1984 Aug;36(8):555-6

Behavioural and biochemical effects in C57BL/6J mice after a prolonged treatment with the delta-opiate antagonist ICI 154129. Volterra A, et al. **J Pharm Pharmacol** 1984 Dec;36(12):849-51

Action of trimebutine in cat and rabbit colon: evidence of an opioid-like effect. Blanquet F, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):708-12

Mu opioid receptors participate in the excitatory effect of opiates in the hippocampal slice. Bostock E, et al. **J Pharmacol Exp Ther** 1984 Dec;231(3):512-7

Plasma corticosterone changes in response to central or peripheral administration of kappa and sigma opiate agonists. Eisenberg RM. **J Pharmacol Exp Ther** 1985 Jun;233(3):863-9

Genotype-dependent behavioral sensitivity to mu vs. kappa opiate agonists. I. Acute and chronic effects on mouse locomotor activity. Gwynn GJ, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):306-11

Genotype-dependent behavioral sensitivity to mu vs. kappa opiate agonists. II. Antinociceptive tolerance and physical dependence. Gwynn GJ, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):312-6

Diuresis and suppression of vasopressin by kappa opioids: comparison with mu and delta opioids and clonidine. Leander JD, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):463-9

Neurochemical and functional correlates of naltrexone-induced opiate receptor up-regulation. Tempel A, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):439-44

Effects of delta and mu opiopeptides on the turnover and release of dopamine in rat striatum. Yonehara N, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):38-42

The rat urinary bladder. A novel preparation for the investigation of central opioid activity in vivo. Dray A. **J Pharmacol Methods** 1985 Apr;13(2):157-65

Prolonged in vivo antagonism of central mu- and delta-opioid receptor activity by beta-funal trexamine. Dray A, et al. **Life Sci** 1985 Apr 8;36(14):1353-8

One- and two-receptor models of opioid drug action. Gero A. **Life Sci** 1985 Mar 18;36(11):1021-4

Increased analgesic potency of morphine and increased brain opioid binding sites in the rat following chronic naltrexone treatment. Yoburn BC, et al. **Life Sci** 1985 Jun 17;36(24):2325-32

Possible mechanisms of action of nitrous oxide at the opioid receptor. Gillman MA. **Med Hypotheses** 1984 Oct;15(2):109-14

Differentiation of mu- and kappa-receptors by means of correlation of analgesic potency in vivo and receptor binding affinity in vitro of various opioid agonists. Ensinger HA, et al. **Methods Find Exp Clin Pharmacol** 1984 Oct;6(10):649-53

The mechanisms of pain and opioid-induced analgesia. Smith TW. **Mol Aspects Med** 1984;7(6):509-45

Antitussive potencies of l- and d-opiates and their inhibition of codeine binding. Chau TT, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:77-84

An in vivo pharmacological analysis of benzomorphan binding sites in rats. Cowan A, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:114-20

A steric theory of opioid agonists, antagonists, agonist-antagonists, and partial agonists. Martin WR. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:16-23

Evaluation of new compounds for opioid activity (1983). Woods JH, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:361-7

The opioid-induced desensitization (tolerance) in neuroblastoma x glioma NG 108-15 hybrid cells: results from receptor uncoupling. Wüster M, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984;54:136-45 (28 ref.)

Differential tolerance and cross-tolerance to chronic treatment with mu and kappa opioid agonists in the rat. Young GA, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:121-7

Opiate receptor upregulation and functional supersensitivity. Zukin RS, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984;54:146-61 (38 ref.)

Ethylketocyclazocine decreases noradrenaline release and blood pressure in the rabbit at a peripheral opioid receptor. Ensinger H, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Nov;328(1):20-3

Affinities of some common opioid analgesics towards four binding sites in mouse brain. Neil A. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Nov;328(1):24-9

Chronic naloxone increases opiate binding in SHR and WKY rats. Hahn EF. **Neurochem Res** 1984 Dec;9(12):1749-56

The effects of kappa opioid agonists in the rat hippocampal slice. Brookes A, et al. **Neuropeptides** 1984 Dec;5(1-3):261-4

Diphenhydramine potentiates narcotic but not endogenous opioid analgesia. Carr KD, et al. **Neuropeptides** 1985 Feb;5(4-6):411-4

Studies in vivo with ICI 174864 and [D-Pen2, D-Pen5]enkephalin. Cowan A, et al. **Neuropeptides** 1985 Feb;5(4-6):311-4

Dermorphin interaction with peripheral opioid receptors. Giagnoni G, et al. **Neuropeptides** 1984 Dec;5(1-3):157-60

Comparison of mu, kappa and sigma preferring agonists for effects on spinal nociceptive and other responses in rats. Headley PM, et al. **Neuropeptides** 1984 Dec;5(1-3):249-52

Studies in vitro with ICI 174,864, [D-Pen2, D-Pen5]-enkephalin (DPDPE) and [D-Ala2, NMePhe4, Gly-ol]-enkephalin (DAGO). Hirning LD, et al. **Neuropeptides** 1985 Feb;5(4-6):383-6

Sigma opioid receptors; SKF-10,047 update. Khazan N, et al. **Neuropeptides** 1985 Feb;5(4-6):339-40

Electrophysiological analysis of kappa opiate receptor activation in the rabbit vas deferens. Lacey MG, et al. **Neuropeptides** 1984 Dec;5(1-3).257-60

Effects of full and partial kappa agonists and mu agonists on urine output of normally hydrated rats. Leander JD. **Neuropeptides** 1984 Dec;5(1-3):283-6

Acute systemic administration of morphine selectively increases mu opioid receptor binding in the rat brain. Lewis JW, et al. **Neuropeptides** 1984 Dec;5(1-3):117-20

Isomers of cyclazocine as excitatory amino acid antagonists. Lodge D, et al. **Neuropeptides** 1984 Dec;5(1-3):245-8

Valorphin: a novel chemical structure with opioid activity. Maurer R, et al. **Neuropeptides** 1985 Feb;5(4-6):387-90

Studies on action mechanisms of morphine and 1-methadone in mice. Neil A. **Neuropeptides** 1984 Dec;5(1-3):189-92

The interaction of the two isomers of the opioid benzodiazepine tifluadom with mu-, delta-, and kappa-binding sites and their analgesic and intestinal effects in rats. Petrillo P, et al. **Neuropeptides** 1985 Feb;5(4-6):403-6

Chronic blockade of opiate receptors: influence on reproduction and body weight in female rats. Pfeiffer DG, et al. **Neuropeptides** 1984 Dec;5(1-3):279-82

Opioid-like properties of seven dynorphin (1-10) analogs. Rezvani A, et al. **Neuropeptides** 1984 Dec;5(1-3):153-6

Evidence that the delta-selective alkylating agent, fit, alters the mu-noncompetitive opiate delta binding site. Rothman RB, et al. **Neuropeptides** 1985 Jun;6(3):227-37

Dynorphin B-29: chemical synthesis and pharmacological properties in opioid systems in vitro. Sanchez-Blazquez P, et al. **Neuropeptides** 1984 Sep;4(5):369-74

Activity profiles of novel side-chain to side-chain cyclized opioid peptide analogs. Schiller PW, et al. **Neuropeptides** 1984 Dec;5(1-3):165-8

Comparison of 'selective' opiate receptor antagonists on the isolated mouse vas deferens. Smith CB, et al. **Neuropeptides** 1984 Dec;5(1-3):161-4

Gpp(NH)p promotes the formation of a low affinity state for the delta opioid agonist-receptor complex. Spain JW, et al. **Neuropeptides** 1984 Dec;5(1-3):145-8

Pharmacological profiles of tonazocine (Win 42156) and zenazocine (Win 42964). Ward SJ, et al. **Neuropeptides** 1985 Feb;5(4-6):375-8

The sensitivity of opioid receptor types to regulation by sodium and GTP. Werling LL, et al. **Neuropeptides** 1984 Dec;5(1-3):137-40

N-tetrahydrofurfuryl benzomorphans: comparison of a kappa and an agonist/antagonist analgesic. Wood PL. **Neuropeptides** 1985 Feb;5(4-6):323-6

Inhibition of oxytocin secretion by mu and delta receptor selective enkephalin analogues. Wright DM, et al. **Neuropeptides** 1984 Dec;5(1-3):273-6

Inhibition of Ca++-ATPase of rat erythrocyte membranes by k-opioid agonists. Yamasaki Y, et al. **Neuropeptides** 1985 Feb;5(4-6):359-62

Studies on the pharmacology of central opioid-induced increases in plasma catecholamines in conscious rats. Conway EL, et al. **Neuropharmacology** 1984 Nov;23(11):1291-6

Effect of (D-Met2, Pro5)enkephalinamide, a highly potent opiate agonist, on the drinking behaviour of rats. Decsi L, et al. **Neuropharmacology** 1985 Jan;24(1):5-8

Sigma receptors mediated the psychotomimetic effects of N-allylnormetazocine (SKF-10,047), but not its opioid agonistic-antagonistic properties. Khazan N, et al. **Neuropharmacology** 1984 Aug;23(8):983-7

In vivo evidence for the selectivity of ICI 154129 for the delta-opioid receptor. Priestley T, et al. **Neuropharmacology** 1985 Feb;24(2):107-10

Differential neuropharmacological effects of mu, kappa and sigma opioid agonists on cortical EEG power spectra in the rat. Stereospecificity and naloxone antagonism. Young GA, et al. **Neuropharmacology** 1984 Oct;23(10):1161-5

Up-regulation of opiate receptors by opiate antagonists in neuroblastoma-glioma cell culture: the possibility of interaction with guanosine triphosphate-binding proteins. Barg J, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):133-7

Astrocyte opioid receptors: activation modifies the noradrenaline-evoked increase in 2-[14C]deoxyglucose incorporation into glycogen. Pearce B, et al. **Neurosci Lett** 1985 Apr 9;55(2):157-60

Human leumorphin is a potent, kappa opioid receptor agonist. Suda M, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):49-52

Analeptic effect of opiate receptor agonists in rabbits. Yamawaki S, et al. **Neurosci Lett** 1985 Mar 22;55(1):61-4

Ketamine analgesia is not related to an opiate action in the periaqueductal gray region of the rat brain. Smith DJ, et al. **Pain** 1985 Mar;21(3):253-65

Opiate receptor supersensitivity produced by chronic naloxone treatment: dissociation of morphine-induced antinociception and conditioned taste aversion. Bardo MT, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):591-7

Behavioral response to apomorphine and its interaction with opiates in domestic pigeons. Deviche P. **Pharmacol Biochem Behav** 1985 Feb;22(2):209-14

Differences of alteration in opioid systems induced by conditioned suppression and electric footshock in mice. Kameyama T, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):249-54

Opiate antagonism reduces placentophagia and pup cleaning by parturient rats. Mayer AD, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):1035-44

Receptor stereospecificity in opiate-ethanol interaction using the preexposure-conditioned taste aversion (CTA) paradigm. Ng Cheong Ton JM, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):255-9

Opioid activity of lefetamine. De Montis MG, et al. **Pharmacol Res Commun** 1985 May;17(5):471-8

Intracerebroventricular saline treatment elevates the pain threshold. Is this phenomenon mediated by peripheral opiate receptors? Miglécz E, et al. **Pharmacol Res Commun** 1985 Feb;17(2):177-87

Clinical and experimental evidence of an opiate-like activity of lefetamine. Paroli E, et al. **Pharmacol Res Commun** 1984 Sep;16(9):915-22

Prolonged analgesia induced by cathinone. The role of stress and opioid and nonopioid mechanisms. Nencini P, et al. **Pharmacology** 1984;29(5):269-81

Opiate induced feeding is not dependent on the hippocampus. Gosnell BA, et al. **Physiol Behav** 1984 Jul;33(1):27-30

The effect of ovariectomy, estradiol and progesterone on opioid modulation of feeding. Morley JE, et al. **Physiol Behav** 1984 Aug;33(2):237-41

Opioid modulation of ingestive behaviors in woodchucks and racoons. Nizielski SE, et al. **Physiol Behav** 1985 Feb;34(2):171-6

Mu and kappa opioids inhibit transmitter release by different mechanisms. Cherubini E, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1860-3

Dynorphin: cardiovascular consequences of opioid receptor interactions in normal and endotoxemic rats. Holaday JW, et al. **Proc West Pharmacol Soc** 1984;27:429-33

Evaluation of opioid receptor heterogeneity in isolated, field stimulated rat ileum. Liao CS, et al. **Proc West Pharmacol Soc** 1984;27:439-42

Definition of opioid receptor affinity for two new aminotetralin derivatives. Matos FF, et al. **Proc West Pharmacol Soc** 1984;27:573-6

Down regulation of opiate receptor in rat brain after chronic etorphine treatment. Tao PL, et al. **Proc West Pharmacol Soc** 1984;27:557-60

Selectivity of opioid agonists and antagonists for the various opioid receptor types. Takemori AE, et al. **Psychopharmacol Bull** 1985;21(3):464-5

Effects of opiate antagonists and putative kappa agonists on unpunished and punished operant behavior in the rat.

DeRossett SE, et al. **Psychopharmacology (Berlin)** 1985; 86(4):386-91

Motivational properties of kappa and mu opioid receptor agonists studied with place and taste preference conditioning. Mucha RF, et al. **Psychopharmacology (Berlin)** 1985;86(3):274-80

Generalization tests with intraventricularly applied pro-enkephalin B-derived peptides in rats trained to discriminate the opioid kappa receptor agonist ethylketocyclazocine. Shearman GT, et al. **Psychopharmacology (Berlin)** 1985;85(4):440-3

Analgesic cross-tolerance between morphine and opioid peptides. Sivam SP, et al. **Psychopharmacology (Berlin)** 1984;84(1):64-5

The interaction of eptazocine, a novel analgesic, with opioid receptors. Nabeshima T, et al. **Res Commun Chem Pathol Pharmacol** 1985 May; 48(2):173-81

Effect of chronic administration of delta 9-tetrahydrocannabinol on the endogenous opioid peptide and catecholamine levels in the diencephalon and plasma of the rat. Kumar MS, et al. **Subst Alcohol Actions Misuse** 1984;5(4):201-10

The interference of naloxone hydrochloride in the teratogenic activity of opiates. Jurand A. **Teratology** 1985 Apr;31(2):235-40

[Opiates, opioid receptors and thermoregulatory changes] Ovcharov R, et al. **Eksp Med Morfol** 1984;23(4):205-10 (16 ref.) (Eng. Abstr.) **(Bul)**

[Study on heterogenicity of opiate receptors in the rat brain] Zheng ZQ, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1985 Feb; 7(1):57-60 (Eng. Abstr.) **(Chi)**

[Dynorphin: analgesic effect via kappa receptors in spinal cord of the spinal cords of rats] Xie GX, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):231-4 (Eng. Abstr.) **(Chi)**

[Dynorphin: analgesic effect via kappa receptors in the spinal cord of rats] Xie GX, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):231-4 (Eng. Abstr.) **(Chi)**

[Drug resistance and withdrawal syndrome--study on receptors] Sato Y, et al. **Nippon Rinsho** 1985 May; 43(5):1006-11 **(Jpn)**

[Effect of beta-neo-endorphin--an agonist of chi-opiate receptors on the neuronal activity of the cerebral cortex] Iasnetsov VV, et al. **Biull Eksp Biol Med** 1985 Jan; 99(1):69-71 (Eng. Abstr.) **(Rus)**

[Role opioidergic and adrenergic mechanisms in realizing the pain-alleviating action of clofelin] Ignatov IuD, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):201-4 (Eng. Abstr.) **(Rus)**

[Effect of opiate receptor agonists and antagonists on the resistance of animals to hypoxic hypoxia] Zakusov VV, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):680-2 (Eng. Abstr.) **(Rus)**

[Effect of di- and trivalent metal ions on the complexing of D-ala2, D-leu5-enkephalin with opiate receptors of brain membrane preparations] Zaitsev SV, et al. **Dokl Akad Nauk SSSR** 1984;277(5):1260-3 **(Rus)**

[Naloxone and endogenous opiates in shock] Nielsen JV, et al. **Lakartidningen** 1984 Oct 10;81(41):3717-8 **(Swe)**

IMMUNOLOGY

Binding of antimorphine anti-idiotypic antibodies to opiate receptors. Ng DS, et al. **Eur J Pharmacol** 1984 Jun 15; 102(1):187-90

Rabbit anti-idiotypic antibodies raised against monoclonal anti-morphine IgG block mu & delta opiate receptor sites. Glasel JA, et al. **Life Sci** 1985 Jul 1;36(26):2523-9

A monoclonal antibody directed against an opiate binding site in rat neural membranes. Bidlack JM, et al. **Neuropeptides** 1984 Dec;5(1-3):225-8

Anti-idiotypic opioid receptor antibodies. Schulz R, et al. **Neuropeptides** 1984 Dec;5(1-3):221-4

ISOLATION & PURIFICATION

Separation of kappa-opioid receptor subtype from frog brain. Simon J, et al. **FEBS Lett** 1985 Apr 22;183(2):395-7

Isolation and purification of morphine receptor by affinity chromatography. Cho TM, et al. **Life Sci** 1985 Mar 18; 36(11):1075-85

Solubilization and characterization of kappa opioid binding sites from guinea pig cerebellum. Itzhak Y, et al. **Neuropeptides** 1984 Dec;5(1-3):201-4

Solubilization of two molecular forms of the frog brain opioid receptor. Puget A, et al. **Neuropeptides** 1984 Dec; 5(1-3):129-32

Purification and characterization of the mu opiate receptor from rat brain using affinity chromatography. Maneckjee R, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):594-8

Purification of the opiate receptor of NG108-15 neuroblastoma-glioma hybrid cells. Simonds WF, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4974-8

Synthesis of a naloxone affinity column and its use to isolate opiate binding sites from neuroblastoma X glioma NG108-15 hybrid cells. Ge BL, et al. **Proc West Pharmacol Soc** 1984;27:553-6

METABOLISM

Binding of beta-carbolines and tetrahydroisoquinolines by opiate receptors of the delta-type. Airaksinen MM, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Nov;55(5):380-5

Interaction of enkephalin with opioid receptors of brain membranes: regulation by essential transition metals, guanine nucleotides and temperature. Ogawa N, et al. **Adv Exp Med Biol** 1984;175:159-71

Affinity labels for opioid receptors. Takemori AE, et al. **Annu Rev Pharmacol Toxicol** 1985;25:193-223 (127 ref.)

Differentiating aspects of opioid receptor binding by [3H](-) (1R,5R,9R,2"S)-5,9-dimethyl-2-tetrahydrofurfuryl-2'-hy benzomorphan hydrochloride ([3H]Mr 2034), a drug preferentially acting on kappa-receptors. Ensinger HA. **Arzneimittelforsch** 1985;35(1A):447-51

Modification of opioid ligand binding in the central and the peripheral nervous system by different buffers. Bourhim N, et al. **Biochem Biophys Res Commun** 1985 Jun 14; 129(2):328-33

Monoclonal antibody to enkephalins with binding characteristics similar to opiate receptor. Deguchi T, et al. **Biochem Biophys Res Commun** 1985 Jan 16; 126(1):389-96

A novel cyclic opioid peptide analog showing high preference for mu-receptors. Schiller PW, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):558-64

Sodium regulation of opioid agonist binding is potentiated by pertussis toxin. Wüster M, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1107-15

Receptor binding and biological activity of bivalent enkephalins. Costa T, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):25-30

Opiate receptor binding profile in the rabbit cerebellum and brain membranes. Ho CL, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):925-31

Anti-morphine anti-idiotypic antibodies. Opiate receptor binding and isolated tissue responses. Ng DS, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2853-8

Identification of an opioid receptor subunit carrying the mu binding site. Newman EL, et al. **Biochemistry** 1984 Nov 6;23(23):5385-9

Sigma receptors and autoimmune mechanisms in schizophrenia: preliminary findings and hypotheses. Fudenberg HH, et al. **Biomed Pharmacother** 1984; 38(6):285-90

Clinical actions of fentanyl and buprenorphine. The significance of receptor binding. Boas RA, et al. **Br J Anaesth** 1985 Feb;57(2):192-6

Receptor binding and its significance [editorial] Hull CJ. **Br J Anaesth** 1985 Feb;57(2):131-3

The use of [3H]-[D-Pen2,D-Pen5]enkephalin as a highly selective ligand for the delta-binding site. Cotton R, et al. **Br J Pharmacol** 1985 Apr;84(4):927-32

Similarity between mu-opioid receptors in mouse vas deferens and guinea-pig ileum. Goodall J, et al. **Br J Pharmacol** 1985 May;85(1):277-83

Tritiated etorphine and naloxone binding to opioid receptors in caudate nucleus in schizophrenia. Owen F, et al. **Br J Psychiatry** 1985 May;146:507-9

Evidence for the presynaptic localization of opiate binding sites on striatal efferent fibers. Abou-Khalil B, et al. **Brain Res** 1984 Dec 3;323(1):21-9

Quantitative receptor autoradiography: tissue defatting eliminates differential self-absorption of tritium radiation in gray and white matter of brain. Herkenham M, et al. **Brain Res** 1984 Nov 12;321(2):363-8

Retrograde axonal transport of receptor-bound opiate in the vagus and delayed accumulation in the nodose ganglion. Laduron PM, et al. **Brain Res** 1985 May 6;333(2):389-92

Anatomical relationship between opioid peptides and receptors in rhesus monkey brain. Lewis ME, et al. **Brain Res Bull** 1984 Dec;13(6):801-12

Effects of guanyl nucleotides and ions on kappa opioid binding. Mack KJ, et al. **Brain Res Bull** 1985 Apr; 14(4):301-6

The noradrenergic neurotoxins DSP4 and xylamine bind to opiate receptors. Wilkinson M, et al. **Brain Res Bull** 1985 May;14(5):493-5

Opioid receptors in bovine adrenal medulla. Dumont M, et al. **Can J Physiol Pharmacol** 1984 Oct;62(10):1284-91

Opiate receptor interaction of a new analgesic drug 2-piperidinoethyl dibenzylglycolate. Henichart JP, et al. **Chem Biol Interact** 1985 Feb-Apr;53(1-2):77-87

Evidence that beta-endorphin binds to specific receptors in rat peripheral tissues and stimulates the adenylate cyclase-adenosine 3',5'-monophosphate system. Dave JR, et al. **Endocrinology** 1985 Oct;117(4):1389-96

Interaction of dopamine receptor ligands with subtypes of the opiate receptor. Boublik JH, et al. **Eur J Pharmacol** 1984 Dec 15;107(1):11-6

[D-Pro10]Dynorphin-(1-11) is a highly potent and selective ligand for kappa opioid receptors. Gairin JE, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):457-8

Opiate receptor thermodynamics: agonist and antagonist binding. Hitzemann R, et al. **Eur J Pharmacol** 1985 Jan 22;108(2):171-7

[3H]U-69593 a highly selective ligand for the opioid kappa receptor. Lahti RA, et al. **Eur J Pharmacol** 1985 Feb 26; 109(2):281-4

Increased affinity and selectivity of enkephalin tripeptide (Tyr-D-Ala-Gly) dimers. Lutz RA, et al. **Eur J Pharmacol** 1985 May 8;111(2):257-61

Species differences in the concentrations and distributions of opioid binding sites. Robson LE, et al. **Eur J Pharmacol** 1985 May 28;112(1):65-71

(+)-[3H]SKF 10,047, (+)-[3H]ethylketocyclazocine, mu, kappa, delta and phencyclidine binding sites in guinea pig brain membranes. Tam SW. **Eur J Pharmacol** 1985 Feb 12;109(1):33-41

Opioid receptor binding characteristics of the non-equilibrium mu antagonist, beta-funaltrexamine (beta-FNA). Ward SJ, et al. **Eur J Pharmacol** 1985 Jan 8;107(3):323-30

Comparative binding properties of linear and cyclic delta-selective enkephalin analogues: [3H]-[D-Thr2, Leu5] enkephalyl-Thr6 and [3H]-[D-Pen2, D-Pen5] enkephalin. Delay-Goyet P, et al. **FEBS Lett** 1985 Apr 22; 183(2):439-43

Melphalan potently substitutes the N-terminal Tyr of D-Ala2-Leu5-enkephalin methyl ester. Szücs M, et al. **FEBS Lett** 1985 Jan 1;179(1):87-90

Preferential binding to delta-receptors of the enkephalin-like tetrapeptide Tyr-Ile-Phe-Val. Electrophysiological and conformation studies. Carette B, et al. **Hoppe Seylers Z Physiol Chem** 1984 Oct;365(10):1227-34

Effects of naloxone-induced opiate receptors blockade on insulin secretion in obesity. Vettor R, et al. **Horm Metab Res** 1985 Jul;17(7):374-5

Radiosynthesis of an opiate receptor binding radiotracer: [11C]carfentanil. Dannals RF, et al. **Int J Appl Radiat Isot** 1985 Apr;36(4):303-6

Beta-endorphin. Binding activity of synthetic analogs with various chain lengths in neuroblastoma x glioma NG108-15 cell membranes. Hammonds RG Jr, et al. **Int J Pept Protein Res** 1984 Dec;24(6):597-9

Isolation of a specific mu-opiate receptor peptide, morphiceptin, from an enzymatic digest of milk proteins. Chang KJ, et al. **J Biol Chem** 1985 Aug 15;260(17):9706-12

Covalent labeling of opioid receptors with radioiodinated human beta-endorphin. Identification of binding site subunit. Howard AD, et al. **J Biol Chem** 1985 Sep 5; 260(19):10833-9

Multiple affinity states of opiate receptor in neuroblastoma x glioma NG108-15 hybrid cells. Opiate agonist association rate is a function of receptor occupancy. Law PY, et al. **J Biol Chem** 1985 Mar 25;260(6):3561-9

Kinetic evidence for differential agonist and antagonist binding to bovine hippocampal synaptic membrane opioid receptors. Scheibe SD, et al. **J Biol Chem** 1984 Nov 10; 259(21):13298-303

Immunoregulation by opioid peptides: I. Absence of classical opioid receptor on human mononuclear cells. Mendelsohn LG, et al. **J Clin Lab Immunol** 1985 Mar;16(3):125-9

Comparative anatomo-functional imaging of two neuroreceptors and glucose metabolism: a PET study performed in the living baboon. Larson SM, et al. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):676-81

Opiate and dopamine stimulate different GTPase in striatum: evidence for distinct modulatory mechanisms of adenylate cyclase. Tirone F, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(4):327-39

Probes for narcotic receptor mediated phenomena. 7. Synthesis and pharmacological properties of irreversible ligands specific for mu or delta opiate receptors. Burke TR Jr, et al. **J Med Chem** 1984 Dec;27(12):1570-4

Synthesis and biological evaluation of 14-alkoxymorphinans. 1. Highly potent opioid agonists in the series of (-)-14-methoxy-N-methylmorphinan-6-ones. Schmidhammer H, et al. **J Med Chem** 1984 Dec; 27(12):1575-9

Interaction of opiates with opioid binding sites in the bovine adrenal medulla: II. Interaction with kappa sites. Castanas E, et al. **J Neurochem** 1985 Sep;45(3):688-99

Interaction of opiates with opioid binding sites in the bovine adrenal medulla: I. Interaction with delta and mu sites. Castanas E, et al. **J Neurochem** 1985 Sep;45(3):677-87

Influence of delta-opioid receptors on production of labeled methionine5-enkephalin in murine neuroblastoma cells. Gilbert JA, et al. **J Neurochem** 1985 Mar;44(3):922-8

Kappa-binding and degradation of [3H]dynorphin A (1-8) and [3H]dynorphin A (1-9) in suspensions of guinea pig brain membranes. Gillan MG, et al. **J Neurochem** 1985 Oct; 45(4):1034-42

Characterization of a labile naloxone binding site (lambda site) in rat brain. Grevel J, et al. **J Neurochem** 1985 May; 44(5):1647-56

Differences in binding properties of mu and delta opioid receptor subtypes from rat brain: kinetic analysis and effects of ions and nucleotides. Zajac JM, et al. **J Neurochem** 1985 May;44(5):1605-14

Modification of guanine nucleotide-regulatory components in brain membranes. II. Relationship of guanosine 3'-triphosphate effects on opiate receptor binding and coupling receptors with adenylate cyclase. Childers SR, et al. **J Neurosci** 1984 Nov;4(11):2764-71

Modification of guanine nucleotide-regulatory components in brain membranes. I. Changes in guanosine 5'-triphosphate regulation of opiate receptor-binding sites. Lambert SM, et al. **J Neurosci** 1984 Nov;4(11):2755-63

Differential ontogeny of multiple opioid receptors (mu, delta and kappa). Spain JW, et al. **J Neurosci** 1985 Mar;5(3):584-

In vivo binding of benzomorphans to mu, delta and kappa opioid receptors: comparison with urine output in the r Richards ML, et al. **J Pharmacol Exp Ther** 1985 May 233(2):425-32

In vivo receptor binding of opioid drugs at the mu site. Rosenbaum JS, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):735–40

Further demonstration of kappa opioid binding sites in the brain: evidence for heterogeneity. Su TP. **J Pharmacol Exp Ther** 1985 Jan;232(1):144–8

Opioid binding to rat and guinea-pig neural membranes in the presence of physiological cations at 37 degrees C. Werling LL, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):722–8

Characteristics of 3H-tifluadom binding in guinea-pig brain membranes. Burkard WP, et al. **J Recept Res** 1984;4(1–6):165–73

Comparative in vitro/in vivo autoradiography using the opiate ligand 3H-(-)-bremazocine. Maurer R. **J Recept Res** 1984;4(1–6):155–63

New methods for characterization of complex receptor systems involving 3 or more binding sites: application to brain opiate receptors. Munson PJ, et al. **J Recept Res** 1984;4(1–6):339–55

Radioligands for probing opioid receptors. Paterson SJ, et al. **J Recept Res** 1984;4(1–6):143–54

Regulation of opioid antagonist and mu, kappa or delta agonist binding by guanine nucleotide and sodium. Ishizuka Y, et al. **Jpn J Pharmacol** 1984 Nov;36(3):397–405

Two new opioid delta-receptor ligands: a highly selective agonist and a potent selective antagonist in in vitro isolated preparations. Ueki M, et al. **Jpn J Pharmacol** 1984 Dec;36(4):485–9

Lack of functional evidence for the involvement of sigma opiate receptors in the actions of the 3-PPP enantiomers on central dopaminergic systems: discrepancies between in vitro and in vivo observations. Hjorth S, et al. **Life Sci** 1985 Aug 19;37(7):673–84

Fluoxetine, a selective inhibitor of serotonin uptake, potentiates morphine analgesia without altering its discriminative stimulus properties or affinity for opioid receptors. Hynes MD, et al. **Life Sci** 1985 Jun 17;36(24):2317–23

Evidence for the activation of the endogenous opiate system in hamsters infected with human blood flukes, Schistosoma mansoni. Kavaliers M, et al. **Life Sci** 1984 Dec 3;35(23):2365–73

TENA a selective kappa opioid receptor antagonist. Portoghese PS, et al. **Life Sci** 1985 Feb 25;36(8):801–5

Intact brain cells: a novel model system for studying opioid receptor binding. Rogers NF, et al. **Life Sci** 1985 Jul 29;37(4):307–14

Displacement of 3H-EKC binding by opioids in rat kidney: a correlate to diuretic activity. Slizgi GR, et al. **Life Sci** 1985 Jun 10;36(23):2189–93

Binding of a new opiate antagonist, nalmefene, to rat brain membranes. Michel ME, et al. **Methods Find Exp Clin Pharmacol** 1985 Apr;7(4):175–7

Benzomorphan sites are ligand recognition sites of putative epsilon-receptors. Chang KJ, et al. **Mol Pharmacol** 1984 Nov;26(3):484–8

Multiple states of opioid receptors may modulate adenylate cyclase in intact neuroblastoma X glioma hybrid cells. Costa T, et al. **Mol Pharmacol** 1985 Aug;28(2):146–54

Evidence for the epsilon-type of opioid receptor in the rat vas deferens. Garzón J, et al. **Mol Pharmacol** 1985 Jul;28(1):1–9

Binding of [3H]naloxonazine to rat brain membranes. Johnson N, et al. **Mol Pharmacol** 1984 Nov;26(3):477–83

A quantitative study of [3H]D-Ala2-D-Leu5-enkephalin binding to rat brain membranes. Evidence that oxymorphone is a noncompetitive inhibitor of the lower affinity delta-binding site. Rothman RB, et al. **Mol Pharmacol** 1985 Mar;27(3):399–409

Probes for narcotic receptor mediated phenomena 3. Oxide bridged 5-phenylmorphans. Burke TR Jr, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:109–13

Biochemical reactions between opiate receptor binding and inhibition of neurotransmission. Clouet DH, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984;54:95–108 (47 ref.)

Recent studies on opioid receptors: heterogeneity and isolation (the Nathan B. Eddy Memorial Award lecture). Simon EJ. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:5–13

Electron microscopic autoradiographic localization of opioid receptors in rat neostriatum. Hamel E, et al. **Nature** 1984 Nov 8–14;312(5990):155–7

Effect of electroconvulsive treatment on cerebral opioid receptors in the rat: changes in delta but not mu receptors. Antkiewicz-Michaluk L, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Nov;328(1):87–9

Inhibition via opioid mu- and delta-receptors of vagal transmission in rabbit isolated heart. Weitzell R, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Dec;328(2):186–90

Characterization of rat brain opioid receptors by [Tyr-3,5-3H]1, D-Ala2, Leu5-enkephalin binding. Benyhe S, et al. **Neurochem Res** 1985 May;10(5):627–35

Castration affects male rat brain opiate receptor content. Hahn EF, et al. **Neuroendocrinology** 1985 Jul;41(1):60–3

Relative affinities of the quaternary narcotic antagonist, N-methyl levallorphan (SR 58002), for different types of opioid receptors. Bianchetti A, et al. **Neuropeptides** 1985 Feb;5(4–6):379–82

Mu-receptor binding in physiological media: comparison with isolated tissue data. Carroll JA, et al. **Neuropeptides** 1984 Dec;5(1–3):89–92

Kappa 3: a novel subtype of the kappa opioid site in bovine adrenal medulla, highly selective for Met-enkephalin-Arg6-Phe7. Castanas E, et al. **Neuropeptides** 1984 Dec;5(1–3):133–6

The kappa-active oxygen in the opioid pharmacophore of some benzomorphans: charges, proton affinities and binding modelling. De Ranter CJ, et al. **Neuropeptides** 1984 Dec;5(1–3):209–12

Application of receptor theory provides further evidence for the existence of the epsilon-opioid receptor in rat vas deferens. Garzón J, et al. **Neuropeptides** 1984 Dec;5(1–3):101–4

Opioid binding sites in different levels of rat spinal cord. Gouardères C, et al. **Neuropeptides** 1984 Dec;5(1–3):113–6

Some properties of brain opioid receptors in membrane bound and solubilized state. Ito Y, et al. **Neuropeptides** 1984 Dec;5(1–3):193–6

Divalent cations: do they stabilize the agonist (12S) form of the mu opioid receptor? Jauzac P, et al. **Neuropeptides** 1984 Dec;5(1–3):125–8

Opiate receptor binding in the brain of the seizure sensitive Mongolian gerbil (Meriones unguiculatus). Lee RJ, et al. **Neuropeptides** 1984 Dec;5(1–3):105–8

Probes for narcotic receptor mediated phenomena. 10. Irreversible ligands to opioid receptors based on biologically potent endoethenooripavines. Reversible binding of fit to mu and delta opioid receptors. Lessor RA, et al. **Neuropeptides** 1984 Dec;5(1–3):229–32

Increased affinity of dimeric enkephalins is not dependent on receptor density. Lutz RA, et al. **Neuropeptides** 1985 Apr;6(2):167–74

Hamster vas deferens contains delta-opioid receptors. McKnight AT, et al. **Neuropeptides** 1984 Dec;5(1–3):97–100

3H-SKF10047 receptor binding studies. Attempts to define the opioid sigma receptor. Mickelson MM, et al. **Neuropeptides** 1984 Dec;5(1–3):149–52

Mu-receptors in the C57BL mouse vas deferens. Miller L, et al. **Neuropeptides** 1984 Dec;5(1–3):93–6

Effects of D-amino acid substitution in dynorphin A (1–9) on binding at the mu-, delta- and kappa-sites. Paterson SJ, et al. **Neuropeptides** 1984 Dec;5(1–3):177–80

Failure to demonstrate mu-isoreceptors. Rourke JD, et al. **Neuropeptides** 1984 Dec;5(1–3):85–8

Selectivity in the control of opiate receptor density in the animal and in cultured fetal brain cells. Simantov R, et al. **Neuropeptides** 1984 Dec;5(1–3):197–200

Peripheral opioid receptors located on the rat saphenous nerve. Smith TW, et al. **Neuropeptides** 1984 Dec;5(1–3):217–20

Tolerance and withdrawal are associated with ligand dependent receptor regulation in vitro and in vivo. Snell CR, et al. **Neuropeptides** 1984 Dec;5(1–3):23–6

The use of computer analysis in describing multiple opiate receptors. Toll L, et al. **Neuropeptides** 1984 Dec;5(1–3):205–8

[125I] Tyr27 beta-endorphin: a radio-iodinated derivative of beta-endorphin for the study of opiate receptors. Toogood CI, et al. **Neuropeptides** 1984 Dec;5(1–3):121–4

Opiate binding in the rat spinal cord: evidence for mu and delta sites. Traynor JR, et al. **Neuropeptides** 1984 Dec;5(1–3):81–4

Opiate receptors in brain labelled in vivo with [3H]lofentanil. Laduron PM, et al. **Neuropharmacology** 1985 Jul;24(7):617–20

Binding characteristics of kappa opioids in rat brain. A comparison of in vitro binding paradigms. Weyhenmeyer JA, et al. **Neuropharmacology** 1985 Feb;24(2):111–5

Evidence for a kappa-opioid receptor on pituitary astrocytes: an autoradiographic study. Bunn SJ, et al. **Neurosci Lett** 1985 Apr 19;55(3):317–23

Functional alteration of opioid receptor subtypes in the mice exhibited conditioned suppression in motility. Kameyama T, et al. **Neurosci Lett** 1985 Feb 4;53(3):263–6

Opiate and histamine H1 receptors are present on some substance P-containing dorsal root ganglion cells. Ninkovic M, et al. **Neurosci Lett** 1985 Jan 7;53(1):133–7

Autoradiographic localization of opioid receptors in the rat stomach. Nishimura E, et al. **Neurosci Lett** 1984 Sep 7;50(1–3):73–8

The localization of adrenoceptors and opiate receptors in regions of the cat central nervous system involved in cardiovascular control. Dashwood MR, et al. **Neuroscience** 1985 Jun;15(2):537–51

Selective delta-opioid receptor antagonism by ICI 174,864 in the central nervous system. Dray A, et al. **Peptides (Fayetteville)** 1984 Sep–Oct;5(5):1015–6

Binding characteristics of dermorphin, and [dermorphin1–7]-beta c-endorphin in rat brain membranes. Westphal M, et al. **Peptides (Fayetteville)** 1985 Jan–Feb;6(1):149–52

Autoradiographic localization of kappa opiate receptors in CNS taste and feeding areas. Lynch WC, et al. **Pharmacol Biochem Behav** 1985 May;22(5):699–705

Characterization of the interaction of pentazocine and tripelennamine: drug discrimination and mu-receptor binding assay. Shook JE, et al. **Pharmacol Biochem Behav** 1984 Dec;21(6):877–81

Morphiceptin: biphasic inhibition of mu-opiate receptor ligands. Villiger JW. **Pharmacol Biochem Behav** 1984 Nov;21(5):705–6

Changes in brain opiate receptors in rats with isolation syndrome. Petkov VV, et al. **Pharmacol Res Commun** 1985 Jun;17(6):575–84

Characterization of [3H][2-D-penicillamine, 5-D-penicillamine]-enkephalin binding to delta opiate receptors in the rat brain and neuroblastoma—glioma hybrid cell line (NG 108-15). Akiyama K, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2543–7

Opioid receptor reserve in normal and morphine-tolerant guinea pig ileum myenteric plexus. Chavkin C, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7253–7

Highly selective photoaffinity labeling of mu and delta opioid receptors. Garbay-Jaureguiberry C, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7718–22

Conformationally restricted analogs of somatostatin with high mu-opiate receptor specificity. Pelton JT, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):236–9

The Wellcome Foundation lecture, 1982. Opioid Peptides and their Receptors. Kosterlitz HW. **Proc R Soc Lond [Biol]** 1985 Jul 22;225(1238):27–40 (48 ref.)

Possible involvements of negative cooperativity in opiate agonist receptor interactions. Cho TM, et al. **Proc West Pharmacol Soc** 1984;27:357–61

Altered opiate receptor binding in synaptosomes: implication of phosphorylation. Stokes KB, et al. **Proc West Pharmacol Soc** 1984;27:423–7

Mu and delta opioid receptor interactions in a rat model of drug induced seizures. Tortella FC, et al. **Proc West Pharmacol Soc** 1984;27:435–7

[Selectivity of [D-Ala2-O-benzyl-Ser5]-enkephalin on mu and delta opiate receptor subtypes] Ji XQ, et al. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar;6(1):3–5 (Eng. Abstr.) **(Chi)**

[Relationship between analgesic activity and opiate receptor binding affinity of 5 derivatives of 3-aza-bicyclo(3,3,1)nonanes] Wang DY, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Sep;5(3):158–63 (Eng. Abstr.) **(Chi)**

[Reversible binding of naloxazine and 14-hydroxydihydromorphazine with opiate receptors] Li LY, et al. **Yao Hsueh Hsueh Pao** 1984 Apr;19(4):251–5 (Eng. Abstr.) **(Chi)**

[Determination of the binding affinity of beta-adrenergic receptors in human lymphocytes using 125I-hydroxybenzylpindolol] Přikryl P, et al. **Cas Lek Cesk** 1984 Oct 19;123(42):1283–5 (Eng. Abstr.) **(Cze)**

[Stability of opiate receptors of wet and lyophilized preparations of rat brain membranes] Zaĭtsev SV, et al. **Biokhimiia** 1984 Jul;49(7):1127–33 (Eng. Abstr.) **(Rus)**

[The effect of di- and trivalent metal ions on the binding of [3H-Tyr1, D-Ala2, D-Leu5] enkephalin to opiate receptors from the rat brain] Porodenko NV, et al. **Bioorg Khim** 1984 Jul;10(7):902–11 (Eng. Abstr.) **(Rus)**

[The nature of cation-binding groups in binding sites for [[3H]Tyr1, D-Ala2, D-Leu5]enkephalin] Zaĭtsev SV, et al. **Bioorg Khim** 1985 Feb;11(2):153–61 (Eng. Abstr.) **(Rus)**

[Specific binding of 3H-naloxone with isolated rat enterocytes] Iarygin KN, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):40–2 (Eng. Abstr.) **(Rus)**

[Differential method of analyzing ligand complex formation with binding centers. The detection of the superhigh-affinity binding centers of opiate ligands] Zaĭtsev SV, et al. **Dokl Akad Nauk SSSR** 1985;281(3):727–31 **(Rus)**

PHYSIOLOGY

Catecholamine and opioid receptors, presynaptic inhibition of CNS neurotransmitter release, and adenylate cyclase. Mulder AH, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985;19:273–86

Role of opiate receptors in regulation of enkephalin stimulation of active sodium and chloride absorption. Binder HJ, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):G432–6

Opiatergic and dopaminergic function and Lesch-Nyhan syndrome [letter] Gillman MA, et al. **Am J Psychiatry** 1985 Oct;142(10):1226

Role of beta-endorphin in behavioral regulation. Izquierdo I, et al. **Ann NY Acad Sci** 1985;444:162–77

Endorphinergic mechanisms in food, salt and water intake: an overview. Cooper SJ, et al. **Appetite** 1984 Mar;5(1):1–6 (37 ref.)

Which opioid receptor mechanism modulates feeding? Morley JE, et al. **Appetite** 1984 Mar;5(1):61–8

Structure-activity evidence against opiate receptor involvement in Leu5-enkephalin-induced pulmonary vasoconstriction. Crooks CA, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):4095–8

Potentiation by TRH of the effect of imipramine on the forced-swimming test. Reny-Palasse V, et al. **Br J Pharmacol** 1985 Jun;85(2):463–70

Opposite effects of the delta- and mu-opioid receptor agonists on ventilation in conscious adult dogs. Haddad GG, et al. **Brain Res** 1984 Dec 3;323(1):73–82

The influence of opiate agonists on day-night feeding rhythms in young and old mice. Kavaliers M, et al. **Brain Res** 1985 Feb 4;326(1):160–7

Spinal cord dynorphin may modulate nociception via a kappa-opioid receptor in chronic arthritic rats. Millan MJ, et al. **Brain Res** 1985 Aug 5;340(1):156-9

Opioid systems and feeding in the slug, Limax maximus: similarities to and implications for mammalian feeding. Kavaliers M, et al. **Brain Res Bull** 1985 Jun;14(6):681-5

delta-Opioid modulation of striatal dopaminergic activity in mice. Dua AK, et al. **Can J Neurol Sci** 1985 Feb;12(1):60-4

A mu-opiate receptor in 7315c tumor tissue mediates inhibition of immunoreactive prolactin release and adenylate cyclase activity. Frey EA, et al. **Endocrinology** 1984 Nov;115(5):1797-804

Mainly mu-opiate receptors are involved in luteinizing hormone and prolactin secretion. Panerai AE, et al. **Endocrinology** 1985 Sep;117(3):1096-9

Central kappa- and mu-opiate receptors mediate ACTH-release in rats. Pfeiffer A, et al. **Endocrinology** 1985 Jun;116(6):2688-90

Possible delta receptor mediation of the effect of beta-endorphin on luteinizing hormone (LH) release, but not on prolactin (PRL) release, in the ovariectomized rat. Wiesner JB, et al. **Endocrinology** 1985 Jan;116(1):475-7

Multiple opioid receptor systems in brain and spinal cord: Part 2. Yaksh TL. **Eur J Anaesthesiol** 1984 Sep;1(3):201-43 (398 ref.)

Effects of naloxone on basal and stimulated insulin secretion in the mouse. Ahrén B, et al. **Eur J Pharmacol** 1984 Jun 15;102(1):135-9

Cardiac slowing induced by peripheral kappa-opiate receptor stimulation in rats. Gautret B, et al. **Eur J Pharmacol** 1984 Jun 15;102(1):159-63

Profile of activity of kappa receptor agonists in the rabbit vas deferens. Hayes A, et al. **Eur J Pharmacol** 1985 Apr 16;110(3):317-22

Mu, but not kappa, opioid agonists induce contractions of the canine small intestine ex vivo. Hirning LD, et al. **Eur J Pharmacol** 1985 Feb 12;109(1):49-54

A kappa-selective opioidergic pathway is involved in the reversal of a behavioural effect of adrenalectomy. Jefferys D, et al. **Eur J Pharmacol** 1985 Jan 8;107(3):331-5

The kappa opioid receptor and food intake. Morley JE, et al. **Eur J Pharmacol** 1985 May 28;112(1):17-25

Presynaptic opiate receptor- and alpha 2-adrenoceptor-mediated inhibition of noradrenaline release in the rat brain: role of hyperpolarization? Schoffelmeer AN, et al. **Eur J Pharmacol** 1984 Oct 1; 105(1-2):129-35

Opioid dependence in the guinea-pig myenteric plexus is controlled by non-tolerant and tolerant opioid receptors. Schulz R, et al. **Eur J Pharmacol** 1985 Apr 16;110(3):335-41

Mu and delta, but not kappa, opioid agonists induce contractions of the canine small intestine in vivo. Vaught JL, et al. **Eur J Pharmacol** 1985 Feb 12;109(1):43-8

Enkephalin receptor changes in rat brain during aging. Petkov VV, et al. **Gen Pharmacol** 1984;15(6):491-5

Central opioid receptor activity in patients affected by puerperal, idiopathic and tumoral hyperprolactinemia. De Leo V, et al. **Gynecol Obstet Invest** 1985;19(3):160-5

Differentiation of multiple analgesic opiate receptors. Fürst S, et al. **Int J Tissue React** 1985;7(1):69-77

Neuroendocrinological study of opioid and serotoninergic systems in migraine patients. Bussone G, et al. **Ital J Neurol Sci** 1984 Dec;5(4):413-6

Endogenous opioids: physiologic and pathophysiologic actions. Faden AI. **J Am Osteopath Assoc** 1984 Sep;84(1 Suppl):129-34

Effects of naloxone on exercise performance. Surbey GD, et al. **J Appl Physiol** 1984 Sep;57(3):674-9

Activities of morphinone and N-(cyclopropylmethyl)normorphinone at opioid receptors. Fang S, et al. **J Med Chem** 1984 Oct;27(10):1361-3

Design and synthesis of naltrexone-derived affinity labels with nonequilibrium opioid agonist and antagonist activities. Evidence for the existence of different mu receptor subtypes in different tissues. Sayre LM, et al. **J Med Chem** 1984 Oct;27(10):1325-35

Opiate- and alpha 2-adrenoceptor-induced hyperpolarizations of locus ceruleus neurons in brain slices: reversal by cyclic adenosine 3':5'-monophosphate analogues. Andrade R, et al. **J Neurosci** 1985 Sep; 5(9):2359-64

Kappa opioid receptors modulate cardiorespiratory function in hindbrain nuclei of rat. Hassen AH, et al. **J Neurosci** 1984 Sep;4(9):2213-21

The role of opioid receptor sub-types in tifluadom-induced feeding. Jackson HC, et al. **J Pharm Pharmacol** 1984 Oct; 36(10):683-6

Role of spinal mu opioid receptors in the development of morphine tolerance and dependence. DeLander GE, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):91-6

Separation of opioid analgesia from respiratory depression: evidence for different receptor mechanisms. Ling GS, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):149-55

Identification of multiple opiate receptors through neuroendocrine responses. II. Antagonism of mu, kappa and sigma agonists by naloxone and WIN 44,441-3. Pechnick R, et al. **J Pharmacol Exp Ther** 1985 Jan; 232(1):170-7

Identification of multiple opiate receptors through neuroendocrine responses. I. Effects of agonists. Pechnick R, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):163-9

Kappa opioid analgesia is dependent on serotonergic mechanisms. Vonvoigtlander PF, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):270-4

Restraint stress enhances morphine-induced analgesia in the rat without changing apparent affinity of receptor. Appelbaum BD, et al. **Life Sci** 1985 Mar 18;36(11):1069-74

Stereospecific opiate receptors in the actions of thyrotropin releasing hormone and morphine on gastrointestinal transit. Bhargava HN, et al. **Life Sci** 1985 Jan 7;36(1):83-8

Opioid receptor agonists in the rabbit colon: comparison of in vivo and in vitro studies. Pairet M, et al. **Life Sci** 1984 Oct 15;35(16):1653-8

Opioid control of the ruminant stomach motility: functional importance of mu, kappa and delta receptors. Ruckebusch Y, et al. **Life Sci** 1984 Oct 22;35(17):1731-8

Involvement of opioid receptor subtypes in rat feeding behavior. Simone DA, et al. **Life Sci** 1985 Mar 4; 36(9):829-33

The anticonvulsant effects of DADLE are primarily mediated by activation of delta opioid receptors: interactions between delta and mu receptor antagonists. Tortella FC, et al. **Life Sci** 1985 Aug 12;37(6):497-503

Opiate-receptor interactions on single locus coeruleus neurones. Williams JT, et al. **Mol Pharmacol** 1984 Nov; 26(3):489-97

The role of adenyl cyclase in opiate tolerance and dependence. Klee WA, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984;54:109-18

Opioid tolerance and dependence in light of the multiplicity of opioid receptors. Schulz R, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984;54:70-80 (23 ref.)

The sympathetic axons innervating the sinus node of the rabbit possess presynaptic opioid kappa- but not mu- or delta-receptors. Starke K, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Apr; 329(2):206-9

Chronic morphine treatment induces hypersensitivity to testosterone-negative feedback in castrated male rats. Gabriel SM, et al. **Neuroendocrinology** 1985 Jan;40(1):39-44

Selective attenuation of sweetened milk consumption by opiate receptor antagonists in male and female rats of the Roman strains. Cooper SJ, et al. **Neuropeptides** 1985 Feb; 5(4-6):349-52

Evidence for opiate receptor involvement in the consumption of a high palatability diet in nondeprived rats. Cooper SJ, et al. **Neuropeptides** 1985 Feb;5(4-6):345-8

Evidence for functionally distinct mu receptors modulating acetylcholine release. Ennis C, et al. **Neuropeptides** 1984 Dec;5(1-3):109-12

Difference in sensitivity of the mu and kappa systems in cafeteria rats. Mandenoff A, et al. **Neuropeptides** 1984 Dec; 5(1-3):265-8

Opiate receptor-mediated chemotaxis of human monocytes. Ruff MR, et al. **Neuropeptides** 1985 Feb;5(4-6):363-6

Mechanisms of opioid tolerance and dependence. Schulz R, et al. **Neuropeptides** 1984 Dec;5(1-3):3-10

Electroencephalographic assessment of the role of delta receptors in opioid peptide - induced seizures. Tortella FC, et al. **Neuropeptides** 1984 Dec;5(1-3):213-6

In vivo evaluation of mu, delta and kappa opioid receptor agonists on spinal 5-HT metabolism in the rat. Wood PL. **Neuropeptides** 1985 Feb;5(4-6):319-22

The presence of an opioid system mediating behavioral thermoregulation in the terrestrial snail, Cepaea nemoralis. Kavaliers M, et al. **Neuropharmacology** 1984 Nov; 23(11):1285-9

Sigma receptors mediated the psychotomimetic effects of N-allylnormetazocine (SKF-10,047), but not its opioid agonistic-antagonistic properties. Khazan N, et al. **Neuropharmacology** 1984 Aug;23(8):983-7

Relative effectiveness of naloxone and MR2266 in potentiating oestrogen-stimulated luteinizing hormone surges in ovariectomized female rats. Dyer RG, et al. **Neurosci Lett** 1984 Aug 24;49(1-2):111-5

Attenuation of ethanol-induced conditioned taste aversion by naloxazone: behavioral evidence for an opiate receptor-mediated morphine-ethanol interaction. Ng Cheong Ton JM, et al. **Neurosci Lett** 1984 Jul 27; 48(2):127-32

Behavioural effects in rats of unilateral and bilateral injections of opiate receptor agonists into the globus pallidus. Dewar D, et al. **Neuroscience** 1985 May;15(1):41-6

Acupuncture analgesia [letter] Han JS. **Pain** 1985 Mar; 21(3):307-10

Multiple opioid ligands and receptors in the control of nociception. Höllt V, et al. **Philos Trans R Soc Lond [Biol]** 1985 Feb 19; 308(1136):299-312

Types of opioid receptors: relation to antinociception. Kosterlitz HW, et al. **Philos Trans R Soc Lond [Biol]** 1985 Feb 19;308(1136):291-7

The effects of corticosterone on opioid stress analgesia. Terman GW, et al. **Proc West Pharmacol Soc** 1984; 27:447-50

The cardiovascular actions of morphine and the endogenous opioid peptides. Johnson MW, et al. **Prog Cardiovasc Dis** 1985 May-Jun;27(6):435-50 (236 ref.)

Pain, nociception and spinal opioid receptors. Quirion R. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):571-9 (81 ref.)

Evidence for underactivity of the opioid system in neuroleptic-induced akathisia [letter] Gillman MA, et al. **Psychiatry Res** 1984 Oct;13(2):187

The involvement of mu- and kappa- but not delta-opioid receptors in the body weight gain of suckling rats. Jackson HC, et al. **Psychopharmacology (Berlin)** 1984;84(1):143-4

Blockade of nucleus accumbens opiate receptors attenuates intravenous heroin reward in the rat. Vaccarino FJ, et al. **Psychopharmacology (Berlin)** 1985;86(1-2):37-42

Peripheral opioid receptors influencing heart rate in rats: evidence for endogenous tolerance. Kiang JG, et al. **Regul Pept** 1984 Jul;8(4):297-303

Impairment of ketocyclazocine antinociception in rats by perinatal lead exposure. Kitchen I, et al. **Toxicol Lett** 1985 Aug;26(2-3):101-5

[The role of multiple opioid receptors and their ligands in pain modulation] Herz A. **Arzneimittelforsch** 1984; 34(9A):1080-3 (Eng. Abstr.) **(Ger)**

[Stress and the endogenous opioid system. I. Physiology and pharmacology of opioid peptides] Nieber K, et al. **Z Gesamte Inn Med** 1985 Jan 1;40(1):1-7 (Eng. Abstr.) **(Ger)**

[Biogenic amine interaction with opiate receptors of hippocampal neurons in tissue culture] Gromova EA, et al. **Dokl Akad Nauk SSSR** 1984;277(5):1270-3 **(Rus)**

[Interaction of catecholamine and opiate structures of the brain at the neuronal level] Bondarenko TT. **Fiziol Zh SSSR** 1983 Jul;69(7):876-80 (Eng. Abstr.) **(Rus)**

[Benzodiazepine and opiate receptor function in chronic alcoholization] Burov IuV, et al. **Vestn Akad Med Nauk SSSR** 1984;(11):20-6 (Eng. Abstr.) **(Rus)**

[Endorphins, enkephalins and their antagonists in clinical practice (review of the literature)] Oleinik VA, et al. **Vrach Delo** 1985 May;(5):80-6 (164 ref.) **(Rus)**

RADIATION EFFECTS

Differential sensitivity of major types of opioid binding sites to U.V. irradiation. Aucélio JG, et al. **Neuropeptides** 1984 Dec;5(1-3):141-4

RECEPTORS, ENKEPHALIN see **RECEPTORS, ENDORPHIN**

RECEPTORS, ESTRADIOL see under **RECEPTORS, ESTROGEN**

RECEPTORS, ESTROGEN

Estrogen and progesterone receptors in primary cutaneous melanoma. Ellis DL, et al. **J Dermatol Surg Oncol** 1985 Jan;11(1):54-9

Hormone receptors. An update and application. Hubay CA, et al. **Surg Clin North Am** 1984 Dec;64(6):1155-72 (36 ref.)

ANALYSIS

Present status of estrogen-receptor immunohistochemistry. van Bogaert LJ. **Acta Histochem (Jena)** 1985;76(1):29-35 (11 ref.)

Estradiol and progesterone receptors in gynecologic sarcomas. Lantta M, et al. **Acta Obstet Gynecol Scand** 1984; 63(6):505-8

Estradiol and progesterone receptors in normal ovary and ovarian tumors. Lantta M. **Acta Obstet Gynecol Scand** 1984; 63(6):497-503

Comparison of cellular levels of steroid receptors in uterine leiomyoma and myometrium. Tamaya T, et al. **Acta Obstet Gynecol Scand** 1985;64(4):307-9

Correlation of estrogen and progesterone receptors and histological grade in human primary breast cancer. Alanko A, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Sep;92(5):311-5

DNA distribution, cytosol estrogen receptors and axillary nodes as prognostic predictors in breast carcinoma. Klintenberg C, et al. **Acta Radiol [Oncol]** 1985 May-Jun; 24(3):253-8

Bone mineral content and estrogen receptors in women with breast tumors. Nielsen HE, et al. **Acta Radiol [Oncol]** 1985 May-Jun;24(3):247-51

Binding of estrogen and progesterone to human endometrium in the different phases of the menstrual cycle. A histochemical study. Bergqvist A, et al. **Am J Clin Pathol** 1985 Apr;83(4):444-9

O.C.T. not a problem [letter] Hannah J, et al. **Am J Clin Pathol** 1985 Mar;83(3):404-5

Influence of cytoplasmic steroid receptor content on prognosis of early stage endometrial carcinoma. Creasman WT, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):922-32

Estrogen and progesterone receptor and hormone levels in human myometrium and placenta in term pregnancy. Khan-Dawood FS, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):501-5

Implantation of the rabbit blastocyst: sequential changes in estradiol and progesterone and their receptors. Khan-Dawood FS, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):450-5

Cytoplasmic estrogen and progesterone receptor content of uterine sarcomas. Soper JT, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):342-8

A microassay for the determination of binding parameters of estrogen and androgen receptors employing affinity immobilization on Cibacron blue 3GA-Sepharose 6B. Iqbal MJ, et al. **Anal Biochem** 1985 Jan;144(1):79-85

Age and incidence of estrogen receptor positive breast tumors. Rochman H, et al. **Ann Clin Lab Sci** 1985 Mar–Apr;15(2):106–8

Variation of estrogen and progesterone receptor status in breast cancer. Alanko A. **Ann Clin Res** 1985;17(1):10–4

Estrogen and progesterone receptors in breast cancer: relationships to tumour histopathology and survival of patients. Blanco G, et al. **Anticancer Res** 1984 Nov–Dec;4(6):383–9

Studies on the endogenous activation and inhibition of hormone receptor reaction. Chen YM, et al. **Anticancer Res** 1984 Jul–Oct;4(4–5):273–7

Antiestrogen binding sites in human breast cancer biopsies. Measurement ligand-specificity and affinity, and correlation to estrogen and progesterone receptors. Fernö M, et al. **Anticancer Res** 1985 May–Jun;5(3):307–12

Estrogen and progesterone receptors in melanocytic lesions. Occurrence in patients with dysplastic nevus syndrome. Ellis DL, et al. **Arch Dermatol** 1985 Oct;121(10):1282–5

Estrogen and progesterone receptors are not increased in generalized essential telangiectasia [letter] Person JR, et al. **Arch Dermatol** 1985 Jul;121(7):836–7

Some aspects referring the methodology of estradiol receptor investigations for clinical purposes. Görlich M. **Arch Geschwulstforsch** 1985;55(3):193–6

Regional lymph node reactions related to hormone receptor status in female breast carcinoma. Kosma VM, et al. **Arch Geschwulstforsch** 1985;55(2):123–30

Quality control study for estradiol receptor determination. Számel I, et al. **Arch Geschwulstforsch** 1985;55(3):187–92

Estrogen receptors and the pattern of relapse in breast cancer. Qazi R, et al. **Arch Intern Med** 1984 Dec;144(12):2365–7

Estrogen and progesterone receptors in head and neck cancer. Schuller DE, et al. **Arch Otolaryngol** 1984 Nov;110(11):725–7

Estrogen receptor analyses. Correlation of biochemical and immunohistochemical methods using monoclonal antireceptor antibodies. McCarty KS Jr, et al. **Arch Pathol Lab Med** 1985 Aug;109(8):716–21

Value of hormone receptors in the management of breast cancer--I. Advanced breast cancer. Cant EM, et al. **Aust NZ J Surg** 1985 Apr;55(2):121–5

Oestrogen receptors in cystadenocarcinoma of the pancreas. Kune GA, et al. **Aust NZ J Surg** 1984 Aug;54(4):321–3

Progesterone and oestrogen receptors in meningiomas: biochemical and clinicopathological considerations. Whittle IR, et al. **Aust NZ J Surg** 1984 Aug;54(4):325–30

Particulate nature of the unoccupied uterine estrogen receptor. Molinari AM, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):634–42

Estrogen and progestin receptors in mouse vaginal epithelium and fibromuscular wall. Uchima FD, et al. **Biochim Biophys Acta** 1985 Jul 26;841(1):135–8

Oestrogen and progesterone receptors and disease-free interval in primary breast cancer. Alanko A, et al. **Br J Cancer** 1984 Nov;50(5):667–72

Oestrogen receptor status and the response of human breast cancer cell lines to a combination of methotrexate and 17-beta oestradiol. Clarke R, et al. **Br J Cancer** 1985 Mar;51(3):365–9

The effect of oestrogen and progesterone receptors on recurrence and survival in patients with carcinoma of the breast. Howat JM, et al. **Br J Cancer** 1985 Feb;51(2):263–70

Oestrogen receptors in primary breast cancer [letter] Williams MR, et al. **Br J Cancer** 1985 Jun;51(6):907–9

Quantitative aspects of the E2 receptor assay for human breast tumour cytosol using dextran-coated charcoal. Wilson DW, et al. **Br J Cancer** 1984 Oct;50(4):493–9

Risk factors and clinical data related to oestrogen receptor status in women presenting with breast cancer. Montgomery AC, et al. **Br J Surg** 1985 Aug;7(8):629–33

Increased estrogen receptor binding in amygdala correlates with facilitation of feminine sexual behavior induced by olfactory bulbectomy. McGinnis MY, et al. **Brain Res** 1985 May 13;334(1):19–25

Age-related changes in cytoplasmic estradiol receptor concentrations in microdissected brain nuclei: correlations with changes in steroid-induced sexual behavior. Wise PM, et al. **Brain Res** 1984 Oct 29;321(1):119–26

Prognostic implication of estrogen receptor content in breast cancer. Adami HO, et al. **Breast Cancer Res Treat** 1985;5(3):293–300

Estradiol and progesterone receptors in breast cancer: prognostic value after relapse. Bonneterre J, et al. **Breast Cancer Res Treat** 1985;5(2):149–54

The relationship between estrogen receptors in primary and secondary breast carcinomas and in sequential primary breast carcinomas. Hähnel R, et al. **Breast Cancer Res Treat** 1985;5(2):155–63

Monoclonal antibody DF3 correlates with tumor differentiation and hormone receptor status in breast cancer patients. Lundy J, et al. **Breast Cancer Res Treat** 1985;5(3):269–76

Heterogeneity of estrogen binding sites in breast cancer: morphologic demonstration and relationship to endocrine response. Pertschuk LP, et al. **Breast Cancer Res Treat** 1985;5(2):137–47

Cytosol and nuclear estrogen receptors (occupied and unoccupied sites) and progesterone receptors in human breast cancer. Sumida C, et al. **Breast Cancer Res Treat** 1985;5(2):165–9

Value of 8S/4S fractionation of estrogen receptors (ER) for prediction of response to hormonal manipulation in metastatic breast cancer. Wang G, et al. **Breast Cancer Res Treat** 1984;4(4):283–8

Significance of estrogen and progesterone receptors, disease-free interval, and site of first metastasis on survival of breast cancer patients. Alanko A, et al. **Cancer** 1985 Oct 1;56(7):1696–700

Estrogen receptor protein of breast cancer as a predictor of recurrence. Butler JA, et al. **Cancer** 1985 Mar 15;55(6):1178–81

Relationship of quantitative estrogen-receptor level and clinical response to cytotoxic chemotherapy in advanced breast cancer. An extramural analysis. Corle DK, et al. **Cancer** 1984 Oct 15;54(8):1554–61

Relationship between estrogen receptor concentration and cytomorphometry in breast cancer. Guazzi A, et al. **Cancer** 1985 Oct 15;56(8):1972–6

Hormone receptors in rapidly progressing breast cancer. Levine PH, et al. **Cancer** 1984 Dec 15;54(12):3012–6

Changes of steroid hormone receptor content by chemotherapy and/or endocrine therapy in advanced breast cancer. Nomura Y, et al. **Cancer** 1985 Feb 1;55(3):546–51

Prognostic significance of estrogen receptor status in breast cancer in relation to tumor stage, axillary node metastasis, and histopathologic grading. Parl FF, et al. **Cancer** 1984 Nov 15;54(10):2237–42

Immunohistologic localization of estrogen receptors in breast cancer with monoclonal antibodies. Correlation with biochemistry and clinical endocrine response. Pertschuk LP, et al. **Cancer** 1985 Apr 1;55(7):1513–8

A malignant cystosarcoma phyllodes with positive estrogen receptor and its heterotransplantation into nude mice. Tokuda Y, et al. **Cancer** 1985 Jan 15;55(2):370–4

Heterogeneous estrogen receptor levels detected via multiple microsamples from individual breast cancers. van Netten JP, et al. **Cancer** 1985 Oct 15;56(8):2019–24

Multiple extractions of hormone receptors from mixed human breast tumors. Chen YM, et al. **Cancer Invest** 1985;3(1):1–5

Quantitative enzyme-linked immunosorbent assay for the estrogen-regulated Mr 24,000 protein in human breast tumors: correlation with estrogen and progesterone receptors. Adams DJ, et al. **Cancer Res** 1985 Jun;45(6):2445–9

Autoradiographic demonstration of estrogen binding in human breast cancer after in vitro incubation. Buell RH, et al. **Cancer Res** 1985 Sep;45(9):4278–84

Immunoradiometric studies with monoclonal antibody against a component related to human estrogen receptor. Coffer AI, et al. **Cancer Res** 1985 Aug;45(8):3694–8

Characterization of a xenograft model of human ovarian carcinoma which produces ascites and intraabdominal carcinomatosis in mice. Hamilton TC, et al. **Cancer Res** 1984 Nov;44(11):5286–90

Comparison of immunocytochemical and steroid-binding assays for estrogen receptor in human breast tumors. King WJ, et al. **Cancer Res** 1985 Jan;45(1):293–304

Relation of estrogen receptor expression to clonal growth and antiestrogen effects on human breast cancer cells. Kodama F, et al. **Cancer Res** 1985 Jun;45(6):2720–4

Inter-laboratory quality control of estrogen and progesterone receptor assays in breast cancer tissue using lyophilised cytosols. Ryan ED, et al. **Clin Biochem** 1985 Feb;18(1):20–6

Estrogen and progesterone receptor content in breast tumor cytosols calculated with a pocket calculator. Tabachnick J. **Clin Chem** 1985 Jul;31(7):1251–2

Estrogen and progesterone receptors in intracranial tumors. Martinez R, et al. **Clin Neuropharmacol** 1984;7(4):338–42

Oestrogen receptors in advanced primary breast cancer. Chiedozi L, et al. **East Afr Med J** 1985 Jan;62(1):26–31

Characterization of the subunit nature of nuclear estrogen receptors by chemical cross-linking and dense amino acid labeling. Miller MA, et al. **Endocrinology** 1985 Aug;117(2):515–22

Analysis of two forms of molybdate-stabilized estrogen receptor. Ruh MF, et al. **Endocrinology** 1984 Oct;115(4):1341–9

Hormonal steroid receptors in intracranial tumours and their relevance in hormone therapy. Courriere P, et al. **Eur J Cancer Clin Oncol** 1985 Jun;21(6):711–4

Cytochemical demonstration of estrogen binding sites in breast cancer by estradiol covalently linked to horseradish peroxidase. Jansson SE, et al. **Eur J Cancer Clin Oncol** 1985 May;21(5):625–30

Effect of bromocriptin treatment on prolactin and steroid receptor levels in human breast cancer. Peyrat JP, et al. **Eur J Cancer Clin Oncol** 1984 Nov;20(11):1363–7

Multiple estrogen binding sites in malignant mouse Leydig cells and their role in cell proliferation. Sato B, et al. **Eur J Cancer Clin Oncol** 1985 Feb;21(2):199–205

An update on the immunohistochemical localization of estrogen receptors in mammary carcinomas utilizing polyclonal anti-receptor antibodies. Tamura H, et al. **Eur J Cancer Clin Oncol** 1984 Oct;20(10):1261–77

Steroids receptors in physiological and pathological features of the cervix. Onnis A, et al. **Eur J Gynaecol Oncol** 1985;6(2):97–101

Steroid receptors in human uterine carcinoma. Their biological importance and therapeutic implications. Ribarac-Stepic N, et al. **Eur J Gynaecol Oncol** 1985;6(1):10–9

The endometrial adenocarcinoma as a model for hormone-dependency and hormone-responsiveness of gynaecological cancers. Bonte J. **Eur J Obstet Gynecol Reprod Biol** 1984 Dec;18(5–6):335–41

Cytoplasmic estrogen receptor concentrations in the endometrium of Finnish and Japanese women. Punnonen R, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Jul;17(5):321–5

Estradiol, progesterone and testosterone receptors for pig endometrium and myometrium at various stages of the estrous cycle. Koziorowski M, et al. **Exp Clin Endocrinol** 1984 Dec;84(3):285–93

Endometrial estradiol and progesterone receptors in patients with luteal phase defects and endometriosis. Saracoglu OF, et al. **Fertil Steril** 1985 Jun;43(6):851–5

Prognostic value of estrogen and prolactin receptor analysis in human breast cancer. Waseda N, et al. **Gann** 1985 Jun;76(6):517–23

Sex steroid receptors in normal and malignant human vulvar tissue. Forcucci-Zulli M, et al. **Gynecol Obstet Invest** 1985;19(2):103–6

Tissue and intracellular distribution of estradiol receptors in the uterine endometrium. Yajima A, et al. **Gynecol Obstet Invest** 1985;19(2):97–102

Endometrial carcinoma: steroid receptors and response to medroxyprogesterone acetate. Quinn MA, et al. **Gynecol Oncol** 1985 Jul;21(3):314–9

Endolymphatic stromal myosis: a case with positive estrogen and progesterone receptors and good response to progestins. Tsukamoto N, et al. **Gynecol Oncol** 1985 Jan;20(1):120–8

Evaluation of estrogen dependency of human breast cancers. I. Cytochemical study of estrogen receptor in human breast cancer tissue. Nishiki M, et al. **Hiroshima J Med Sci** 1984 Jun;33(2):157–61

Modulation of steroid receptors in rat mammary glands. Seshadri R, et al. **Indian J Exp Biol** 1984 Oct;22(10):523–6

Tissue carcinoembryonic antigen and estrogen receptor in human breast cancer. Hartfiel R, et al. **Int J Cancer** 1985 Feb 15;35(2):165–7

Correlation between histopathologic features and estrogen receptor status in primary breast cancer. Mantouvalos H, et al. **Int J Gynaecol Obstet** 1984 Jun;22(3):177–9

Management of advanced breast cancer in Africa: strategies in the absence of hormone receptor assay data. Chiedozi LC, et al. **Int Surg** 1985 Jan–Mar;70(1):57–61

Studies on estradiol receptors in human mammary carcinomas. Duffy MJ, et al. **Ir J Med Sci** 1984 Nov;153(11):381–4

Comparison between a biochemical and a histochemical method for the detection of oestrogen receptor in breast carcinoma. McMahon RT, et al. **Ir J Med Sci** 1985 May;154(5):187–92

Estrogen and progesterone receptors in congenital melanocytic nevi. Ellis DL, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):235–44

Estrogen receptor in bovine skeletal muscle. Meyer HH, et al. **J Anim Sci** 1985 Jan;60(1):294–300

Electrophoretic analysis of the estrogen receptor. Molybdate stabilization and identification of the classical estrogen receptor. Skipper JK, et al. **J Biol Chem** 1985 May 10;260(9):5399–405

Rapid, high-resolution procedure for assessment of estrogen receptor heterogeneity in clinical samples. Boyle DM, et al. **J Chromatogr** 1985 Jun 26;327:369–76

Isoforms of estrogen receptors by high-performance ion-exchange chromatography. Wiehle RD, et al. **J Chromatogr** 1984 Aug 3;297:313–26

Correlations between estrogen receptor, progesterone receptor, and patient characteristics in human breast cancer. Clark GM, et al. **J Clin Oncol** 1984 Oct;2(10):1102–9

Immunoelectron microscopic localization of estrogen receptor with monoclonal estrophilin antibodies. Press MF, et al. **J Histochem Cytochem** 1985 Sep;33(9):915–24

Changes of oestrogen receptor levels in Leydig cells from mice and rats during culture. Berns EM, et al. **J Steroid Biochem** 1985 Mar;22(3):293–8

Radiochemical determination of estrogen receptors in cryostat sections of target tissues. De Goeij AF, et al. **J Steroid Biochem** 1984 Aug;21(2):127–34

Quantification of cytosolic steroid receptors in secretory and non-secretory epithelial cells of the canine prostate. Lamarre D, et al. **J Steroid Biochem** 1985 Jan;22(1):1–7

An analysis of the decrease in the assayed level of charged bovine estrogen receptor observed at physiological ionic strength. Peale FV Jr, et al. **J Steroid Biochem** 1985 Feb;22(2):161–7

Pitfalls in the Dextran-coated charcoal assay of estrogen receptors in breast cancer tissue. Pettersson KS, et al. **J Steroid Biochem** 1985 Jan;22(1):39–45

Distribution of oestrogen and androgen receptors between the stroma and epithelium of the guinea-pig prostate. Tilley WD, et al. **J Steroid Biochem** 1985 Jun;22(6):713–9

Estrogen and thyroid-stimulating hormone (TSH) receptors in neoplastic and nonneoplastic human thyroid tissue. Clark OH, et al. **J Surg Res** 1985 Feb;38(2):89–96

Autoradiographic localization of estrogen and androgen target cells in human and rat prostate carcinoma. Beckman WC Jr, et al. **J Urol** 1985 Apr;133(4):724–8

Estrogen receptors in human breast cancer detected by the fluorescent estradiol histochemical and dextran coated charcoal techniques. Nishiki M, et al. **Jpn J Surg** 1984 Nov;

14(6):459–64

Intracellular localization of estrogen receptors: implications for interaction mechanism. Jensen EV. **Lab Invest** 1984 Nov;51(5):487–8

Immunocytochemical identification of estrogen receptor in ovarian carcinomas. Localization with monoclonal estrophilin antibodies compared with biochemical assays. Press MF, et al. **Lab Invest** 1985 Sep;53(3):349–61

Immunohistochemical assessment of estrogen receptor distribution in the human endometrium throughout the menstrual cycle. Press MF, et al. **Lab Invest** 1984 Nov; 51(5):495–503

Tamoxifen therapy, oestrogen receptor status, and postmenopausal breast cancer [letter] A'Hern RP, et al. **Lancet** 1985 Apr 27;1(8435):976

Abnormally diminished sense of smell in women with oestrogen receptor positive breast cancer [letter] Lehrer S, et al. **Lancet** 1985 Aug 10;2(8450):333

Beneficial effect of adjuvant tamoxifen therapy in primary breast cancer patients with high oestrogen receptor values. Rose C, et al. **Lancet** 1985 Jan 5;1(8419):16–9

Adjuvant tamoxifen therapy and receptor levels [letter] Stewart HJ, et al. **Lancet** 1985 Mar 9;1(8428):573

Oestrogen receptor status and cellular composition of breast cancers [letter] Underwood JC. **Lancet** 1985 Jun 1; 1(8440):1274–5

Clinical aspects of steroid receptor assays. Leake RE. **Med Lab Sci** 1984 Jul;41(3):257–61

Steroid hormone receptors in human meningiomas. A look at the past, present and the future. Schlesinger S, et al. **Minn Med** 1985 Jul;68(7):544–5

Subcellular distribution of oestrogen receptors [letter] Szego CM, et al. **Nature** 1985 Sep 5–11;317(6032):88–9

Estradiol and progesterone receptors in human breast cancer. Mureșan Z, et al. **Neoplasma** 1985;32(2):217–24

Factors associated with prognosis in human breast cancer. V. The simultaneous use of estrogen and progesterone receptor measurements for prediction of short-term relapse. Pascual MR, et al. **Neoplasma** 1985;32(2):247–56

Correlation of luteinizing hormone surges with estrogen nuclear and progestin cytosol receptors in the hypothalamus and pituitary gland. II. Temporal estradiol effects. Camp P, et al. **Neuroendocrinology** 1985 Jan; 40(1):54–62

Correlation of luteinizing hormone surges with estrogen nuclear and progestin cytosol receptors in the hypothalamus and pituitary gland. I. Estradiol dose response effects. Camp P, et al. **Neuroendocrinology** 1985 Jan;40(1):45–53

Estrogen and progesterone receptors and progesterone metabolism in canine mammary tumours. Inaba T, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):797–803

Persistence and distribution of estrogen receptor in advanced epithelial ovarian carcinoma after chemotherapy. Richman CM, et al. **Obstet Gynecol** 1985 Feb;65(2):257–63

Histopathologic correlations of estrogen and progestin receptor protein in epithelial ovarian carcinomas. Schwartz PE, et al. **Obstet Gynecol** 1985 Sep;66(3):428–33

Presence of an estrogen-regulated protein in endometrial cancer. Sledge GW Jr, et al. **Obstet Gynecol** 1985 Sep; 66(3):423–7

Estrogen and progesterone receptor assays in human breast cancer. A brief review of the relevant terms, methods, and clinical usefulness. Sundaram GS, et al. **Obstet Gynecol Surv** 1984 Dec;39(12):719–23

Relative value of oestrogen receptor assay, lactoferrin content, and glucose-6-phosphate dehydrogenase activity as prognostic indicators in primary breast cancer. Bezwoda WR, et al. **Oncology** 1985;42(1):7–12

Histological staining by tritiated actinomycin D: a useful tool to study neoplastic cell heterogeneity and estrogen sensitivity of mammary tumors. Kiss R, et al. **Oncology** 1985;42(2):129–32

Estrogen and progesterone receptors in hereditary hemorrhagic telangiectasia. Richtsmeier W, et al. **Otolaryngol Head Neck Surg** 1984 Oct;92(5):564–70

Immunocytochemical staining of estrogen receptor in paraffin sections of human breast cancer by use of monoclonal antibody: comparison with that in frozen sections. Shimada A, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4803–7

Heterogeneity of steroid binding sites in prostatic carcinoma: morphological demonstration and clinical implications. Pertschuk LP, et al. **Prostate** 1985;6(1):35–47

Relationship of steroid hormone receptors to the cloning of fresh breast cancer tissues. Losa GA, et al. **Recent Results Cancer Res** 1984;94:276–82

Evaluation of microtitre plates for the routine assay of oestrogen and progesterone receptors in tissue extracts. Arrenbrecht S, et al. **Scand J Clin Lab Invest** 1985 Feb; 45(1):55–60

Receptor assays and the clinical management of breast cancer. Hawkins RA. **Scott Med J** 1985 Apr;30(2):73–4

Primary hormonal therapy of advanced breast cancer with megestrol acetate: predictive value of estrogen receptor and progesterone receptor levels. Bonomi P, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 1):48–54

Mitoxantrone, cyclophosphamide, and 5-fluorouracil in the treatment of hormonally unresponsive metastatic breast cancer. Holmes FA, et al. **Semin Oncol** 1984 Sep;11(3 Suppl 1):28–31

Hormone receptors and breast cancer: correlations with clinical and histologic features. Montesco MC, et al. **Tumori** 1984 Oct 31;70(5):445–50

Cell fractionation of lamb uterus in non-aqueous media and nuclear compartmentation of the oestrogen receptor. Schlatterer B, et al. **Zentralbl Veterinarmed** [A] 1984 Jul; 31(6):431–6

[Estrogen and progesterone receptor assay in the normal endometrium and endometrial carcinoma] Li SY. **Chung Hua Chung Liu Tsa Chih** 1984 Nov;6(6):429–31 (Eng. Abstr.) (Chi)

[Estrogen and progesterone receptors in the assessment of endometrial carcinoma] Gao YL. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Oct;19(4):232–5, 258 (Eng. Abstr.) (Chi)

[Endometrial estrogen and progesterone receptors in women wearing intrauterine contraceptive devices] Niu EM. **Chung Hua Fu Chan Ko Tsa Chih** 1985 May;20(3):160–3, 190 (Eng. Abstr.) (Chi)

[The receptor for estrogens is not located in the cytoplasm, but in the cell nucleus of the target tissue] Presl J. **Cesk Gynekol** 1985 May;50(4):306–7 (Cze)

[Estrogenic and progesterone receptors in cancer of the breast] Frenkel Z. **Endocrinologie** 1984 Jul–Sep;22(3):215–7 (Fre)

[Estrogen and progesterone hormonal receptors in meningioma. Results and comments apropos of 26 cases] Jan M, et al. **Neurochirurgie** 1984;30(6):373–7 (Eng. Abstr.) (Fre)

[Estrogen and progesterone receptors in malignant melanoma, benign pigmented nevi and basocellular epithelioma] Avril MF, et al. **Pathol Biol (Paris)** 1985 Jan; 33(1):39–44 (Eng. Abstr.) (Fre)

[Hormonal receptors in metastatic adenocarcinoma of unlocalized primary cancer (letter)] Vannetzel JM, et al. **Presse Med** 1985 Mar 9;14(10):598 (Fre)

[Radioactive labeling of cytoplasmic hormone receptors. Determination and clinical significance of estrogen and progesterone receptors] Spona J. **Fortschr Med** 1984 Sep 20;102(35):856–8 (Eng. Abstr.) (Ger)

[Immunohistochemical determination of estrogen receptors in breast carcinoma tissue using monoclonal antibodies. 1st clinical findings] Jonat W, et al. **Geburtshilfe Frauenheilkd** 1985 Jul;45(7):473–6 (Eng. Abstr.) (Ger)

[Puncture cytology of the breast: correlation of visual and image analysis studies with hormone receptor status] Schenck U, et al. **Geburtshilfe Fraunheilkd** 1985 Jan; 45(1):17–21 (Eng. Abstr.) (Ger)

[Comparison between the biochemical and histochemical determination of hormone receptors in breast carcinomas] Manfreda D, et al. **Onkologie** 1985 Apr;8(2):111–2 (Eng. Abstr.) (Ger)

[Significance of hormone receptors of breast cancer cells for the duration of a disease-free interval] Zielinski CC, et al. **Wien Klin Wochenschr** 1985 May 24;97(11):493–7 (Eng. Abstr.) (Ger)

[Estrogen and progesterone receptors in endometrial carcinoma following endometrial radiation therapy] Thurzó L, et al. **Orv Hetil** 1985 Jan 20;126(3):137–9 (Eng. Abstr.) (Hun)

[Correlation between presence of estradiol receptors and epidemiological and clinical data on breast cancer] Vanni AL, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1261–7 (Eng. Abstr.) (Ita)

[Hormonal receptors: methods and prognostic significance] Barengo R, et al. **Minerva Ginecol** 1985 Jun;37(6):307–15 (Ita)

[Correlation between positivity of hormonal receptors and the finding of metastases in regional lymph nodes] Volterrani P, et al. **Minerva Ginecol** 1985 Jun;37(6):317 (Ita)

[Changes of hormone receptor status in various treatment for human breast cancer and DMBA tumor of the rat] Iino Y, et al. **Gan No Rinsho** 1984 Oct;30(13):1633–7 (Eng. Abstr.) (Jpn)

[Studies on the mechanism of the estrogen action in human breast cancer] Kimura M, et al. **Gan No Rinsho** 1985 Mar; 31(3):263–7 (Eng. Abstr.) (Jpn)

[Comparative studies of estrogen receptor determinations by enzyme immuno-assay using the monoclonal antibody, dextran-coated charcoal, and sucrose density gradient methods] Tominaga T, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1782–6 (Eng. Abstr.) (Jpn)

[Relationship between hormone receptors in human breast cancer and nuclear grade] Nishi T, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Oct 20;19(9):2172–8 (Eng. Abstr.) (Jpn)

[Estrogen receptor in human breast cancer: relationship between the receptor contents and the histological and cytomorphological characteristics] Kimura M. **Nippon Geka Gakkai Zasshi** 1984 Aug;85(8):763–72 (Eng. Abstr.) (Jpn)

[Establishment of a new human endometrial adenocarcinoma cell line, Ishikawa cells, containing estrogen and progesterone receptors] Nishida M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul; 37(7):1103–11 (Eng. Abstr.) (Jpn)

[Ovarian tumor and steroid hormone receptors] Nishimura H, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr; 37(4):665–8 (Jpn)

[Clinicopathological analysis of hormone receptor levels in human breast cancer. Its relationship to other miscellaneous parameters] Narimatsu E, et al. **Rinsho Byori** 1985 Mar; 33(3):231–8 (Jpn)

[Steroid hormone receptors in malignant mammary gland tumors in dogs] Rampan Iul, et al. **Eksp Onkol** 1985; 7(2):40–3 (Eng. Abstr.) (Rus)

[Estrogen and progesterone receptors in the decidual tissue of women administered prostaglandins and experiencing spontaneous abortion] Asribekova MK, et al. **Probl Endokrinol (Mosk)** 1985 Mar–Apr;31(2):26–9 (Eng. Abstr.) (Rus)

[Comparative analysis of estrogen receptor level in the liver and angiotensinogen level in the blood plasma of rats after administration of estradiol in association with other endocrine factors] Mataradze GD, et al. **Probl Endokrinol (Mosk)** 1985 Jan–Feb;31(1):62–7 (Eng. Abstr.) (Rus)

[Intracellular distribution of estrogen receptors in the human endometrium] Fanchenko ND, et al. **Vopr Med Khim** 1985 Mar–Apr;31(2):24–7 (Eng. Abstr.) (Rus)

[Use of protamine sulfate in a method for determining the hormonal sensitivity of breast cancer] Degtiar' VG, et al. **Vopr Onkol** 1985;31(1):51–5 (Eng. Abstr.) (Rus)

[Cytoplasmatic receptors of steroid hormones in malignant epithelial ovarian tumors] Makhova EE, et al. **Vopr Onkol** 1984;30(12):36–40 (Eng. Abstr.) (Rus)

[Unilateral nevoid telangiectasia syndrome. Study of cutaneous estrogen receptors] Sánchez Conejo-Mir J, et al. **Med Cutan Ibero Lat Am** 1984;12(6):469–75 (Eng. Abstr.) (Spa)

[Steroid hormone receptors in breast cancer] Moyano C, et al. **Rev Chil Obstet Ginecol** 1984;49(1):15–25 (Spa)

[Estrogen receptors and clinical prognostic factors in breast cancer] Hernández JL, et al. **Rev Esp Oncol** 1983; 30(2):179–88 (Eng. Abstr.) (Spa)

BIOSYNTHESIS

Sex differentiation of liver protein synthesis. Lucier GW, et al. **Prog Clin Biol Res** 1985;163C:381–7

DRUG EFFECTS

Prolactin inhibits oestradiol-induced luteinizing hormone release at the pituitary level. Miyake A, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):204–7

Re: Hormonal and personal effects on estrogen receptors in breast cancer [letter] Elwood JM. **Am J Epidemiol** 1985 Jul;122(1):195–6

Alpha 1-noradrenergic receptor blockade decreases nuclear estrogen receptor binding in guinea pig hypothalamus and preoptic area. Clark AS, et al. **Brain Res** 1985 Mar 18; 330(1):197–9

Antiestrogen action in breast cancer cells: modulation of proliferation and protein synthesis, and interaction with estrogen receptors and additional antiestrogen binding sites. Katzenellenbogen BS, et al. **Breast Cancer Res Treat** 1985; 5(3):231–43

An evaluation of tamoxifen as a partial agonist by classical receptor theory––an explanation of the dual action of tamoxifen. MacNab MW, et al. **Eur J Pharmacol** 1984 Aug 17;103(3–4):321–6

Effects of sulfhydryl reagents on uterine nuclear estrogen receptors labeled by in vitro exchange with [3H]estradiol or [3H]4-hydroxytamoxifen. Attardi B. **J Recept Res** 1984; 4(7):787–800

Differential release of estradiol from immobilized estrogen receptors by p-sec-amylphenol: evidence for a functional microheterogeneity of estrogen receptors. Mueller GC, et al. **J Recept Res** 1984;4(7):773–85

Release of receptor-bound estradiol by heparin or dextran sulfate in combination with tetracaine. Van Oosbree TR, et al. **J Recept Res** 1983–84;3(6):727–43

Reversible activation of non-steroid binding oestrogen receptor. Raymoure WJ, et al. **Nature** 1985 Apr 25–May 1;314(6013):745–7

Evaluation of danazol influence upon the uterus using scanning electron microscopic morphometric and biochemical analyses. Sanfilippo JS, et al. **Surg Gynecol Obstet** 1985 May;160(5):421–8

[Effect of yang tonics on the uterine estrogen receptors in the depressed hypothalamus-pituitary-adrenal cortex axis rats] Lin YY. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar; 5(3):175–7, 133 (Eng. Abstr.) (Chi)

[Delayed effects of fetal and perinatal steroid therapy at receptor levels (considerations on results of possible iatrogenic damage)] Csaba G. **Orv Hetil** 1985 Apr 28; 126(17):1011–6 (Eng. Abstr.) (Hun)

[Effect of estradiol and other endocrine factors on the level and dynamics of estrogen receptors in the liver cells of rats] Gontar' EV, et al. **Biull Eksp Biol Med** 1985 Feb; 99(2):137–40 (Eng. Abstr.) (Rus)

IMMUNOLOGY

Interaction of estrogen receptor of calf uterus with a monoclonal antibody: probing of various molecular forms. Moncharmont B, et al. **Biochemistry** 1984 Aug 14; 23(17):3907–12

Monoclonal antibodies against a component related to soluble estrogen receptor. Coffer AI, et al. **Cancer Res** 1985 Aug; 45(8):3686–93

Relationship of monoclonal antibody binding to estrogen and progesterone receptor content in breast cancer. Hendler FJ, et al. **Cancer Res** 1985 Jan;45(1):421–9

ISOLATION & PURIFICATION

Estrogen receptor separation employing sucrose deuterium oxide gradients generated during sample centrifugation. Scholl S, et al. **Breast Cancer Res Treat** 1985;5(1):47-50

Reversible denaturation of the estrogen receptor and estimation of polypeptide chain molecular weight. Sakai D, et al. **Endocrinology** 1984 Dec;115(6):2379-83

Purification of the molybdate-stabilized 9-10 S estradiol receptor from calf uterus. Atrache V, et al. **J Biol Chem** 1985 May 25;260(10):5936-41

Electrophoretic characterization of purified bovine, porcine, murine, rat, and human uterine estrogen receptors. Lubahn DB, et al. **J Biol Chem** 1985 Feb 25;260(4):2515-26

The use of the biotinyl estradiol-avidin system for the purification of 'nontransformed' estrogen receptor by biohormonal affinity chromatography. Redeuilh G, et al. **J Biol Chem** 1985 Apr 10;260(7):3996-4002

Characterization of steroid hormone receptors with ion-exchange fast protein liquid chromatography. Brinkmann AO, et al. **J Steroid Biochem** 1985 Jan; 22(1):85-90

Physical-chemical properties of the estrogen receptor solubilized by micrococcal nuclease. Geier A, et al. **J Steroid Biochem** 1985 Aug;23(2):137-43

A comparison of estrogen and androgen receptor levels in human prostatic tissue from patients with non-metastatic and metastatic carcinoma and benign prostatic hyperplasia. Kirdani RY, et al. **J Steroid Biochem** 1985 May; 22(5):569-75

Difference in extractability of estradiol- and tamoxifen-receptor complex in the nuclei from MCF-7 cells with Nonidet P-40. Ikeda M, et al. **Steroids** 1984 May; 43(5):481-9

[Purification of a special estrogen-binding protein from the liver of rats by affinity chromatography on estradiol sepharose] Smirnov AN, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):377-80 (Eng. Abstr.) **(Rus)**

METABOLISM

Oestradiol binding to nuclei of anterior pituitary cells of the ram. Thieulant ML, et al. **Acta Endocrinol (Copenh)** 1985 May;109(1):50-7

Cytosol estrogen and progestin receptor concentrations and 17 beta-hydroxysteroid dehydrogenase activities in the endometrium and endometriotic tissue. Effects of hormonal treatment. Kauppila A, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:45-9

Cytoplasmic estrogen and progesterone receptors in canine endometrium during the estrous cycle. Johnston SD, et al. **Am J Vet Res** 1985 Aug;46(8):1653-8

Clomiphene-induced changes in endometrial receptor kinetics on the day of ovum collection after ovarian stimulation: a study on cytosol and nuclear estrogen and progestin receptors and 17 beta-hydroxysteroid dehydrogenase. Rönnberg L, et al. **Ann NY Acad Sci** 1985; 442:408-15

Simultaneous and sequential determinations of steroid hormone receptors in human breast cancer. Influence of intervening therapy. Jakesz R, et al. **Ann Surg** 1985 Mar; 201(3):305-10

A multifactorial analysis of steroid hormone receptors in stages I and II breast cancer. Kohail HM, et al. **Ann Surg** 1985 May;201(5):611-7

Ontogenic relationships between two estrogen binding moieties in the male rat: alpha-fetoprotein and the testicular cytoplasmic estrogen receptor. Keel BA, et al. **Arch Androl** 1984;12(2-3):217-23

Tritiated actinomycin-D staining method: a valuable tool to study oestrogen receptor-induced modifications of transcriptional activity in normal and neoplastic cells. Verrijdt A, et al. **Arch Int Physiol Biochim** 1985 Jun; 93(2):65-73

Hydroxy-3-(hydroxyphenyl)indoles. Relationship between structure and estrogen receptor affinity. Strohmeier J, et al. **Arch Pharm (Weinheim)** 1985 May;318(5):421-31

Is endocrine status relevant to treatment planning in patients with gynaecological cancer? Quinn MA. **Aust NZ J Obstet Gynaecol** 1984 May;24(2):153-7

Evidence that the antiestrogen binding site is a histamine or histamine-like receptor. Brandes LJ, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):905-10

A diphenylmethane derivative specific for the antiestrogen binding site found in rat liver microsomes. Brandes LJ, et al. **Biochem Biophys Res Commun** 1984 Sep 17; 123(2):724-8

A diphenylmethane derivative selective for the anti-estrogen binding site may help define its biological role. Brandes LJ. **Biochem Biophys Res Commun** 1984 Oct 15; 124(1):244-9

The formation at 37 C of a nondissociable receptor-estradiol complex. Fishman JH, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):58-63

Binding of oxygenated cholesterol metabolites to antiestrogen binding sites from chicken liver. Murphy PR, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):786-92

Cis isomer of centchroman—a selective ligand for the microsomal antiestrogen binding site. Saeed A, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):346-52

Cryptic estrogen binding protein complicates analysis of estrogen receptor distribution. Smanik EJ, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):577-83

Estradiol receptor and cyclic nucleotide phosphodiesterase: functional relationship, possible role of guanine nucleotide binding proteins. Etingof RN, et al. **Biochem Int** 1984 Aug; 9(2):229-36

Affinity of ligands other than triarylethylenes for liver microsomal antiestrogen binding sites. Ruenitz PC, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2807-9

Correlation in isolated nuclei of template-engaged RNA polymerase II, ovalbumin mRNA synthesis, and estrogen receptor concentrations. Taylor RN, et al. **Biochemistry** 1985 Mar 12;24(6):1275-80

Activation of oestrogen receptor complexes: evidence for the distinct regulation of ligand and oligonucleotide binding sites. Myatt L, et al. **Biochim Biophys Acta** 1985 May 30; 845(2):304-10

Cytosolic receptor for estradiol in the corpus luteum of the ewe: variation throughout the estrous cycle and distribution between large and small steroidogenic cell types. Glass JD, et al. **Biol Reprod** 1984 Dec;31(5):967-74

Neonatal castration of male and female rats affects hypothalamic and pituitary estrogen nuclear and progestin cytosol receptors. Weiland NG, et al. **Biol Reprod** 1984 Dec;31(5):950-8

Fluorescent ligands, used in histocytochemistry, do not discriminate between estrogen receptor-positive and receptor-negative human tumor cell lines. Berns EM, et al. **Breast Cancer Res Treat** 1984;4(3):195-204

Measurement and characterization of swine uterine estradiol receptors: the effects of puberty induction on estradiol receptors and corpus luteum function. Tolton AD, et al. **Can J Physiol Pharmacol** 1985 Mar;63(3):214-9

Biochemical and histochemical analysis of steroid hormone binding sites in human primary breast cancer. Janssens JP, et al. **Cancer** 1985 Jun 1;55(11):2600-11

Antiestrogen binding in antiestrogen growth-resistant estrogen-responsive clonal variants of MCF-7 human breast cancer cells. Miller MA, et al. **Cancer Res** 1984 Nov; 44(11):5038-45

Protease inhibitor antipain reduces nuclear binding of estrogen-receptor complex in MCF-7 breast tumor cells. Umans RS, et al. **Carcinogenesis** 1984 Oct;5(10):1355-7

Progestin and estrogen receptors in human meningioma. Blankenstein MA, et al. **Clin Neuropharmacol** 1984; 7(4):363-7

Estrogen receptors in brain tumors. Fujimoto M, et al. **Clin Neuropharmacol** 1984;7(4):357-62

Estrogen and progestin receptors in meningiomas: clinicopathological correlations. Markwalder TM, et al. **Clin Neuropharmacol** 1984;7(4):368-74

Simultaneous presence of estrogen receptors and gonadotropin-releasing hormone in the hypothalamus and of estrogen receptors and follicle-stimulating hormone in the pituitary of the fetal guinea pig. Tardy J, et al. **Clin Neuropharmacol** 1984;7(4):312-9

Selective binding of the estradiol receptor to a region at least one kilobase upstream from the rat prolactin gene. Maurer RA. **DNA** 1985 Feb;4(1):1-9

Analysis and properties of the cytosolic estrogen receptor from rat thymus. Morgan DD, et al. **Endocr Res** 1984; 10(2):193-207

Stage-dependent changes in steroidogenic enzymes and estrogen receptors during spermatogenesis in the testis of the dogfish, Squalus acanthias. Callard GV, et al. **Endocrinology** 1985 Oct;117(4):1328-35

Age-associated changes in nuclear binding of rat uterine estradiol receptor complexes. Chuknyiska RS, et al. **Endocrinology** 1985 Feb;116(2):547-51

Interactions of estrogen-receptor and antiestrogen-receptor complexes with nuclei in vitro. Cushing CL, et al. **Endocrinology** 1985 Jun;116(6):2419-29

Correlation between in vitro growth and regulation of estrogen and progesterone receptors in rat mammary epithelial cells. Edery M, et al. **Endocrinology** 1984 Nov; 115(5):1691-7

Regulation of estrogen and progesterone receptor levels in mouse mammary epithelial cells grown in serum-free collagen gel cultures. Edery M, et al. **Endocrinology** 1985 Jan;116(1):105-12

Estrogen receptors and estrogen sensitivity of fetal thymocytes are restricted to blast lymphoid cells. Gulino A, et al. **Endocrinology** 1985 Jul;117(1):47-54

Rat uterine growth and induction of progesterone receptor without estrogen receptor translocation. Jordan VC, et al. **Endocrinology** 1985 May;116(5):1845-57

Hormonal regulation of myometrial estrogen, progesterone, and oxytocin receptors in the pregnant and pseudopregnant hamster. Leavitt WW. **Endocrinology** 1985 Mar; 116(3):1079-84

Conversion of estrogen receptor from a state with low affinity for estradiol into a state of higher affinity does not require 4S to 5S dimerization. Müller RE, et al. **Endocrinology** 1985 Jan;116(1):337-45

Androgen and estrogen receptors in fetal rhesus monkey brain and anterior pituitary. Pomerantz SM, et al. **Endocrinology** 1985 Jan;116(1):83-9

The estrogen receptor in MCF-7 cells: evidence from dense amino acid labeling for rapid turnover and a dimeric model of activated nuclear receptor. Scholl S, et al. **Endocrinology** 1984 Oct;115(4):1295-301

An evaluation of the role of antiestrogen-binding sites in mediating the growth modulatory effects of antiestrogens: studies using t-butylphenoxyethyl diethylamine, a compound lacking affinity for the estrogen receptor. Sheen YY, et al. **Endocrinology** 1985 Aug;117(2):561-4

Differential distribution of androgen and estrogen receptors in rat pituitary cell populations separated by centrifugal elutriation. Thieulant ML, et al. **Endocrinology** 1985 Apr; 116(4):1299-303

Specific binding of estrogen and estrogen-receptor complex by microsomes from estrogen-responsive tissues of the rat. Watson GH, et al. **Endocrinology** 1985 Oct;117(4):1341-9

A cytosol protease from the estrogen-resistant C3H mammary carcinoma increases the affinity of the estrogen receptor for DNA in vitro. Baskevitch PP, et al. **Eur J Biochem** 1985 Feb 1;146(3):671-8

Androgen receptor activity in human breast cancer and its relationship with oestrogen and progestogen receptor activity. Miller WR, et al. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):539-42

Estrogen receptor status, adrenal androgens and 7 alpha-hydroxydehydroepiandrosterone in breast cancer patients. Skinner SJ, et al. **Eur J Cancer Clin Oncol** 1984 Oct;20(10):1227-31

Hepatic estrogen receptors and plasma estrogen-binding activity in the Atlantic salmon. Lazier CB, et al. **Gen Comp Endocrinol** 1985 Feb;57(2):234-45

Oestradiol-BSA conjugates for receptor histochemistry: problems of stability and interactions with cytosol. Binder M. **Histochem J** 1984 Sep;16(9):1003-23

Differential distribution of dihydrotestosterone and estradiol binding sites in the epididymis of the mouse. An autoradiographic study. Schleicher G, et al. **Histochemistry** 1984;81(2):139-47

Endocrine sensitivity of the receptor-positive T61 human breast carcinoma serially grown in nude mice. Brünner N, et al. **Int J Cancer** 1985 Jan 15;35(1):59-64

Short-term effects of danazol and medroxyprogesterone acetate on cytosol and nuclear estrogen and progestin receptors, 17 beta-hydroxysteroid dehydrogenase activity, histopathology, and ultrastructure of human endometrial adenocarcinoma. Kauppila A, et al. **Int J Cancer** 1985 Feb 15;35(2):157-63

Cytoplasmic and nuclear estrogen receptors and leucine incorporation in endometrium of cyclic and pregnant pigs to day 19 postestrus. Rexroad CE Jr, et al. **J Anim Sci** 1984 Nov;59(5):1286-94

Decreased estrogenic stimulation of RNA polymerase II in aged rat uteri is apparently due to reduced nuclear binding of receptor-estradiol complexes. Chuknyiska RS, et al. **J Biol Chem** 1985 Jul 25;260(15):8661-3

Estrogen receptor expression in serially cultivated rat endometrial cells: stimulation by forskolin and cholera toxin. Heimann R, et al. **J Cell Physiol** 1985 May; 123(2):197-200

Monoclonal antibody recognition of multiple forms of estrogen receptor tagged with [125I]methoxy-iodovinyl estradiol in ovarian carcinomas. Lorincz MA, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):412-7

Antiestrogenic action of dihydrotestosterone in mouse breast. Competition with estradiol for binding to the estrogen receptor. Casey RW, et al. **J Clin Invest** 1984 Dec; 74(6):2272-8

Autoradiographic localization of estrogen and androgen receptors in the sexually dimorphic area and other regions of the gerbil brain. Commins D, et al. **J Comp Neurol** 1985 Jan 22;231(4):473-89

Age, sex and gonadal influences on oestrogen receptor content in the rat liver. Rochman H, et al. **J Endocrinol** 1985 Jul;106(1):95-102

Effect of theophylline on nuclear retention of oestrogenreceptor complexes: correlation with oestrogen responses. Steinsapir J, et al. **J Endocrinol** 1985 Jun; 105(3):397-403

Estrogen and progesterone receptors in the human vagina. Di Carlo F, et al. **J Endocrinol Invest** 1985 Apr;8(2):131-4

Estradiol and progesterone receptors in normal and pathologic colonic mucosa in humans. Marugo M, et al. **J Endocrinol Invest** 1985 Apr;8(2):117-9

The use of monoclonal antibodies to estrogen receptors (ER) for immunoperoxidase detection of ER in paraffin sections of human breast cancer tissue. Poulsen HS, et al. **J Histochem Cytochem** 1985 Feb;33(2):87-92

Ellipticine derivatives with an affinity to the estrogen receptor, an approach to develop intercalating drugs with a specific effect on the hormone-dependent breast cancer. Delbarre A, et al. **J Med Chem** 1985 Jun;28(6):752-61

Ring-substituted 1,1,2,2-tetraalkylated 1,2-bis(hydroxyphenyl)ethanes. 4. Synthesis, estrogen receptor binding affinity, and evaluation of antiestrogenic and mammary tumor inhibiting activity of symmetrically disubstituted 1,1,2,2-tetramethyl-1,2-bis(hydroxyphenyl)ethanes. Hartmann RW, et al. **J Med Chem** 1985 Sep;28(9):1295-301

Structure-activity relationship of estrogens: receptor affinity and estrogen antagonist activity of certain (E)- and (Z)-1,2,3-triaryl-2-propen-1-ones. Mittal S, et al. **J Med Chem** 1985 Apr;28(4):492-7

2-Phenylindoles. Relationship between structure, estrogen receptor affinity, and mammary tumor inhibiting activity in the rat. von Angerer E, et al. **J Med Chem** 1984 Nov; 27(11):1439-47

Androgen and estrogen receptors in perinatal ferret brain. Vito CC, et al. **J Neurosci** 1985 Feb;5(2):268-74

Radioiodinated ligands for the estrogen receptor: effect of

3-o-methylation on tissue distribution. Franke LA, et al. **J Nucl Med** 1984 Oct;25(10):1116-21

Estrogen and progesterone receptors of human endometrial cells in vivo and in vitro: comparative results of radiochemical and histochemical assays. Gay G, et al. **J Recept Res** 1983-84;3(6):685-701

Estrogen and progesterone receptors in the uterus of the vervet monkey. Potgieter HC, et al. **J Recept Res** 1985; 5(2-3):193-218

Prolactin as a factor in the uterine response to progesterone in rabbits. Daniel JC Jr, et al. **J Reprod Fertil** 1984 Nov; 72(2):443-52

Binding of estradiol-17 beta and estriol in cytosolic and nuclear fractions from urogenital tissues. Batra S, et al. **J Steroid Biochem** 1984 Aug;21(2):163-8

Receptor binding of allylestrenol, a progestagen of the 19-nortestosterone series without androgenic properties. Bergink EW, et al. **J Steroid Biochem** 1985 Aug;23(2):165-8

Effects of chlorpromazine on the inhibition and artifactual elevation of [3H]estradiol binding to estrogen receptors in rat uterine cytosol. Campbell PS, et al. **J Steroid Biochem** 1984 Oct;21(4):475-6

Stereospecificity of the intracellular binding of norethisterone and its A-ring reduced metabolites. Chávez BA, et al. **J Steroid Biochem** 1985 Jan;22(1):121-6

High affinity cytosol binding site(s) for antiestrogens in two human breast cancer cell lines and in biopsy specimens devoid of estrogen receptors. Chouvet C, et al. **J Steroid Biochem** 1984 Dec;21(6):755-61

Estrogen receptor in chicken oviduct: receptor dissociation kinetics and transformation. de Boer W, et al. **J Steroid Biochem** 1985 Jul;23(1):9-18

Time course of anterior pituitary estrogen receptor after low 17 beta-estradiol doses in ovariectomized rats. Gómez-Benítez J, et al. **J Steroid Biochem** 1985 Jul; 23(1):77-80

Hormonal effects on the estrogen receptor system in the epididymis and accessory sex organs of sexually immature rabbits. Hendry WJ 3d, et al. **J Steroid Biochem** 1985 Jul; 23(1):39-49

Facile geometric isomerization of phenolic non-steroidal estrogens and antiestrogens: limitations to the interpretation of experiments characterizing the activity of individual isomers. Katzenellenbogen JA, et al. **J Steroid Biochem** 1985 May;22(5):589-96

Interaction of the antiestrogen [3H]H1285 with the two forms of the molybdate-stabilized calf uterine estrogen receptor. Keene JL, et al. **J Steroid Biochem** 1984 Dec;21(6):625-31

Characterization of an antiestrogen-binding protein in high salt extracts of human breast cancer tissue. Kon OL. **J Steroid Biochem** 1985 Feb;22(2):177-86

Progesterone control of nuclear estrogen receptor: demonstration in hamster uterus during the estrous cycle and pseudopregnancy using a new exchange assay. Leavitt WW, et al. **J Steroid Biochem** 1985 May;22(5):583-8

Rapid recovery of nuclear estrogen receptor and oxytocin receptor in the ovine uterus following progesterone withdrawal. Leavitt WW, et al. **J Steroid Biochem** 1985 Jun;22(6):687-91

Characterization of estrogen receptors in the hamster brain. Mak P, et al. **J Steroid Biochem** 1985 Mar;22(3):355-61

Retention of estrogen receptors in vitro requires limited estradiol exposure in vivo. Riser ME, et al. **J Steroid Biochem** 1985 Jan;22(1):21-8

Activation of [3H]estradiol--and [3H]H1285-receptor complexes: effect of salt versus ATP on molybdate-stabilized estrogen receptors. Singh RK, et al. **J Steroid Biochem** 1984 Aug;21(2):205-8

Oestradiol and progesterone receptors in the pig oviduct during the oestrous cycle. Stanchev P, et al. **J Steroid Biochem** 1985 Jan;22(1):115-20

The synthesis of 16 alpha-[131I]iodo-oestradiol and evaluation of its use as a radiotracer for oestrogen receptor positive breast tumours. Symes EK, et al. **J Steroid Biochem** 1985 Feb;22(2):155-60

Replenishment of uterine estrogen receptor in chronically estrogenized rats. Terakawa N, et al. **J Steroid Biochem** 1985 Apr;22(4):475-80

Presence of two types of estrogen binding sites in mouse testis. Terakawa N, et al. **J Steroid Biochem** 1985 Jan; 22(1):147-50

Effect of ribonuclease on the physico-chemical properties of estrogen receptor. Thomas T, et al. **J Steroid Biochem** 1985 Jul;23(1):19-25

Specific binding of oestradiol to guinea-pig prostate cytosol and nuclear fractions. Tilley WD, et al. **J Steroid Biochem** 1985 Jun;22(6):705-11

Progesterone-mediated suppression of estradiol receptors in cynomolgus macaque cervix, endometrium and oviduct during sequential estradiol-progesterone treatment. West NB, et al. **J Steroid Biochem** 1985 Jan;22(1):29-37

Discrepancy in ER levels of breast carcinoma in biopsy vs mastectomy specimens. Young SC, et al. **J Surg Oncol** 1985 May;29(1):54-6

Breast cancers: estrogen and progesterone receptor status as a predictor of in vitro chemotherapeutic response. Bertelsen CA, et al. **J Surg Res** 1984 Oct;37(4):257-63

Sequential assays of hormone receptors and the Tritiated Thymidine Labeling Index in 7,12-dimethylbenz(a)anthracene-induced rat mammary cancers. Araki K, et al. **Jpn J Surg** 1985 Mar;15(2):150-9

Cytohistochemical studies on estrogen receptors of breast cancer tissue using an immunoperoxidase technique. Iwasa Z, et al. **Jpn J Surg** 1985 May;15(3):195-9

Endocrine adjuvant therapy for breast cancer [letter] Goldhirsch A, et al. **Lancet** 1985 Jun 1;1(8440):1274

Epidermal-growth-factor receptors and oestrogen receptors in human breast cancer. Sainsbury JR, et al. **Lancet** 1985 Feb 16;1(8425):364-6

Molecular structures of metabolites and analogues of diethylstilbestrol and their relationship to receptor binding and biological activity. Duax WL, et al. **Mol Pharmacol** 1984 Nov;26(3):520-5

Cytochemical detection of estrogen receptors in mammary tumours. Gădăleanu V, et al. **Morphol Embryol (Bucur)** 1985 Jan-Mar;31(1):31-4

Apparent lack of involvement of cAMP as a mediator of LHRH stimulation of nuclear estrogen receptor activity in the rat anterior pituitary. Singh P, et al. **Neuroendocrinology** 1985 May;40(5):430-7

Distribution of antiestrogen-specific binding sites in normal and neoplastic mammary gland. Mehta RG, et al. **Oncology** 1984;41(6):387-92

Exclusive nuclear location of estrogen receptors in Squalus testis. Callard GV, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1336-40

Isolated uterine nuclei and cytosol receptors of aged rats exhibit impaired estrogenic stimulation of RNA polymerase II. Haji M, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(23):7481-4

Specific modulation of the transcription of cloned avian vitellogenin II gene by estradiol-receptor complex in vitro. Jost JP, et al. **Proc Natl Acad Sci USA** 1985 Feb; 82(4):988-91

Calmodulin-stimulated phosphorylation of 17 beta-estradiol receptor on tyrosine. Migliaccio A, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):5921-5

Relations between 3H-estradiol uptake and receptor content of estrogen responsive tissues of castrated female rat. Gómez-Benitez J, et al. **Rev Esp Fisiol** 1984 Sep; 40(3):311-7

Estrogen and androgen receptors in liver: their role in liver disease and regeneration. Eagon PK, et al. **Semin Liver Dis** 1985 Feb;5(1):59-69 (138 ref.)

Magnal steroid hormone receptors during egg formation in the domestic hen. Okulicz WC, et al. **Steroids** 1984 Mar; 43(3):261-70

Identification of estrogen receptors in granulosa cells of immature rats. Tonetta SA, et al. **Steroids** 1983 Oct; 42(4):427-40

Hormone receptors in the management of breast cancer. Osborne CK. **Tex Med** 1984 Nov;80(11):30-2

[Characterization of specific receptors for estradiol, induction of vitellogenin and its mRNA in the liver of rainbow trout (Salmo gairdnerii)] Maitre JL, et al. **Biochimie** 1985 Feb; 67(2):215-25 (Eng. Abstr.) **(Fre)**

[Experimental and clinical study on endocrine therapy of breast carcinoma, with special reference to the nuclear estrogen receptor] Kubouchi K. **Nippon Geka Gakkai Zasshi** 1984 Nov;85(11):1405-17 (Eng. Abstr.) **(Jpn)**

[Local uterine hormonemia and steroid hormone receptors] Savitskiĭ GA, et al. **Akush Ginekol (Mosk)** 1985 Feb; (2):19-22 (Eng. Abstr.) **(Rus)**

[Unusual estrogen-binding liver protein in rats and the metabolism of sex steroids] Shchekunova TA, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):186-8 (Eng. Abstr.) **(Rus)**

[Properties of alkylating derivatives of estrogens] Morozova TM, et al. **Eksp Onkol** 1984;6(2):50-4 (Eng. Abstr.) **(Rus)**

[Possible heterogeneity of cytoplasmic estrogen receptors] Alekseeva ML, et al. **Vopr Med Khim** 1984 Sep-Oct; 30(5):62-5 (Eng. Abstr.) **(Rus)**

[Comparative characteristics of several properties of the estradiol-binding system of the human uterus and fallopian tubes] Fanchenko ND. **Vopr Med Khim** 1984 Jul-Aug; 30(4):116-8 (Eng. Abstr.) **(Rus)**

[Accumulation of estrogen receptor complexes in the cell nuclei of the guinea pig uterus] Novikov EA. **Vopr Med Khim** 1985 Mar-Apr;31(2):27-30 (Eng. Abstr.) **(Rus)**

[Changes in steroid receptors during histopathologic transformation of tissue in the human uterus] Ribarac-Stepić N, et al. **Jugosl Ginekol Opstet** 1984 Sep-Dec;24(5-6):79-83 (Eng. Abstr.) **(Scr)**

PHARMACODYNAMICS

A possible physiological basis for the dud-stud phenomenon. Clark AS, et al. **Horm Behav** 1985 Jun;19(2):227-30

PHYSIOLOGY

The ontogeny of estrogen receptors: brain and pituitary. Keefer D, et al. **Brain Res** 1985 Apr;351(2):183-94

The mechanism of action of oestrogens. Knowler JT, et al. **Essays Biochem** 1985;20:1-39 (244 ref.)

Estrogen and progestin receptors appear in transplanted fetal hypothalamus-preoptic area independently of the steroid environment. Paden CM, et al. **J Neurosci** 1985 Sep; 5(9):2374-81

Regulation by estrogen receptor of vitellogenin gene transcription in Xenopus hepatocyte cultures. Perlman AJ, et al. **Mol Cell Endocrinol** 1984 Dec;38(2-3):151-61

[Participation of the estradiol receptor in the hormonal inhibition of cyclic nucleotide phosphodiesterase in the uterus] Garnovskaia MN, et al. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):633-7 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Interaction of ionizing irradiation with steroid receptors in human breast cancer cells. Janssens JP, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5650-6

RECEPTORS, FC

The interaction of IgG with Fc gamma receptors on human neutrophils. Hofstaetter T, et al. **Behring Inst Mitt** 1984 Nov;(76):75-87

Phagocytosis of immune complexes by human neutrophils and monocytes: relative importance of Fc and C3b receptors. Schorlemmer HU, et al. **Behring Inst Mitt** 1984 Nov;(76):88-97

Three-dimensional structural analysis of human immunoglobulin G: localization of Fc active sites. Hahn GS. **Clin Physiol Biochem** 1983;1(2-5):117-44 (121 ref.)

Receptor-mediated endocytosis of immunoglobulin-coated colloidal gold particles in cultured mouse peritoneal macrophages. Hedin U, et al. **Eur J Cell Biol** 1984 Sep; 35(1):41-8

Production of IgE-potentiating factor in man by T cell lines bearing Fc receptors for IgE. Young MC, et al. **Eur J Immunol** 1984 Oct;14(10):871-8

Fc receptor--more answers, more questions. Fornusek L, et al. **Folia Microbiol (Praha)** 1984;29(6):476-516 (396 ref.)

ANALYSIS

Lymphocytes bearing Fc gamma receptors in rheumatoid arthritis. II. Phenotypic characterisation of mononuclear cells forming Facb rosettes in RA. Winrow VR, et al. **Ann Rheum Dis** 1985 Jan;44(1):2-7

The polymorphonuclear neutrophils migrant across the human skin express mostly a Fc receptor. Stalder JF, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:104-8

An analysis of the presence of Fc receptors on bone marrow lymphoblasts in acute lymphoblastic leukemia. A Pediatric Oncology Group study. Humphrey GB, et al. **Cancer** 1985 Oct 15;56(8):1995-2000

Fc receptors for IgG on human neutrophils: analysis of structure and function by using monoclonal antibody probes. Rosenberg JS, et al. **Clin Chem** 1985 Sep; 31(9):1444-8

IgE Fc receptor positive T and B lymphocytes in patients with the hyper IgE syndrome. Thompson LF, et al. **Clin Exp Immunol** 1985 Jan;59(1):77-84

Saturable, high-avidity monocyte receptors for monomeric IgG and Fc fragments increase in SLE and lyme disease. Hardin JA, et al. **Clin Exp Rheumatol** 1983 Oct-Dec; 1(4):327-32

The immune detection and quantitation of antigenic cell-free Fc receptor by solid phase RIA employing monoclonal anti FcR antibody. Ran M, et al. **Dev Biol Stand** 1984; 57:367-70

Double-rosetting technique for the detection of Fc gamma receptor-positive T lymphocytes. Cillari E, et al. **Diagn Immunol** 1983;1(2):80-6

Fc gamma bearing T cells in non-Hodgkin lymphoma. Keller RH, et al. **Diagn Immunol** 1983;1(1):27-32

Receptors for immunoglobulin isotypes (FcR) on murine T cells. I. Multiple FcR expression on T lymphocytes and hybridoma T cell clones. Daëron M, et al. **Eur J Immunol** 1985 Jul;15(7):662-7

Ontogeny and localization of the IgG Fc receptor of rabbit ciliary processes. Peress NS, et al. **Exp Eye Res** 1984 Sep; 39(3):325-33

Mononuclear cell complement receptor blockade in primary biliary cirrhosis. Al-Aghbar MN, et al. **Gut** 1985 Jan; 26(1):20-5

Increase in T. G-cell ratio in renal transplant recipients and the relationship to complications. Dohi K, et al. **Hiroshima J Med Sci** 1984 Jun;33(2):233-8

Isolation of follicular dendritic cells from human tonsils and adenoids. III. Analysis of their Fc receptors. Heinen E, et al. **Immunology** 1985 Apr;54(4):777-84

Number and affinity of receptors for IgE on enriched populations of isolated rat intestinal mast cells. Lee TD, et al. **Immunology** 1985 Jun;55(2):363-6

Serum Fc gamma-receptor-like molecules in primary biliary cirrhosis: a possible immunoregulatory mechanism. MacLean CA, et al. **Immunology** 1984 Oct;53(2):315-24

A novel lymphokine derived from human IgG Fc receptor-bearing B cells: its suppressive effect on activated T and B lymphocytes including tumour cells in vitro. Suzuki T, et al. **Immunology** 1985 Jul;55(3):427-36

Fc epsilon receptors on human cell lines and peripheral blood lymphocytes detected by binding of IgE immune complexes. Kanowith-Klein S, et al. **J Clin Immunol** 1985 Jan;5(1):38-45

Identification of soluble Fc receptors in mouse serum and the conditioned medium of stimulated B cells. Pure E, et al. **J Exp Med** 1984 Dec 1;160(6):1836-49

Characterization of a polyvalent antibody directed against the IgG Fc receptor of human mononuclear phagocytes. Anderson CL, et al. **J Immunol** 1985 Jan;134(1):465-70

Analysis of the monocyte Fc receptors and antibody-mediated cellular interactions required for the induction of T cell proliferation by anti-T3 antibodies. Clement LT, et al. **J Immunol** 1985 Jul;135(1):165-71

Monoclonal IgE-dependent eosinophil cytotoxicity to haptenated schistosomula of Schistosoma japonicum: enhancement of the cytotoxicity and expression of Fc receptors for IgE by Nippostrongylus brasiliensis infection. Kojima S, et al. **J Immunol** 1985 Apr;134(4):2719-22

The murine lymphocyte receptor for IgE. III. Use of chemical cross-linking reagents to further characterize the B lymphocyte Fc epsilon receptor. Lee WT, et al. **J Immunol** 1985 Jan;134(1):518-25

T cells with FC receptors in myeloma; suppression of growth and secretion of MOPC-315 by T alpha cells. Müller S, et al. **J Immunol** 1985 Jan;134(1):644-7

Fine specificity, structure, and proteolytic susceptibility of the human lymphocyte receptor for IgE. Peterson LH, et al. **J Immunol** 1985 Oct;135(4):2654-60

Defective mononuclear phagocyte function in systemic lupus erythematosus: dissociation of Fc receptor-ligand binding and internalization. Salmon JE, et al. **J Immunol** 1984 Nov; 133(5):2525-31

T alpha cell subsets in human peripheral blood. Suga T, et al. **J Immunol** 1985 Mar;134(3):1327-9

Fc receptors on cultured myeloma and hybridoma cells. Teillaud JL, et al. **J Immunol** 1985 Mar;134(3):1774-9

Affinity labeling of the Fc receptor on human monocytes using bifunctional cross-linking agents. Kurlander R, et al. **J Immunol Methods** 1985 Apr 22;78(2):247-58

Suppressor activity of bovine Fc gamma positive cells during a persistent infection with Mycobacterium avium. Fossum C, et al. **Res Vet Sci** 1985 May;38(3):270-4

Alteration of Fc-receptor phenotype and proliferative capacity of Fc-IgG-receptor positive lymphocytes through interaction with soluble immune complexes of patients with SLE or RA. Thien M, et al. **Rheumatol Int** 1985;5(3):127-32

Expression of receptors for Fc portion of IgM (Fc mu . R) and surface neuraminic acid on the human peripheral lymphocytes. Kataoka S, et al. **Tohoku J Exp Med** 1985 Jan;145(1):73-84

Increased monocyte size and Fc receptor-dependent chemoluminescence in renal transplant patients. Rush DN, et al. **Transplant Proc** 1985 Aug;17(4):1978-80

[Human T-lymphocytes—clinical and methodological studies on the detection of Fc-IgM- and Fc-IgG-receptor bearing T-lymphocytes (Tm and Tg)] Grunow G, et al. **Folia Haematol (Leipz)** 1985;112(1):109-24 (Eng. Abstr.) **(Ger)**

[Immunological studies of T gamma cells (IgG Fc-receptors bearing T cells) in peripheral blood of patients with sarcoidosis] Sawano T. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jul;22(7):562-9 (Eng. Abstr.) **(Jpn)**

[Expression of Fc- and C3-receptors on membranes of blast cells in myeloblastic leukemia and blast crisis of myelocytic leukemia] Tishchenko LM, et al. **Eksp Onkol** 1985;7(2):51-4 (Eng. Abstr.) **(Rus)**

[Granulocyte Fc- and C3-receptors as differential diagnostic criteria in erythremia vera and symptomatic erythrocytoses] Tishchenko LM, et al. **Vrach Delo** 1984 Nov;(11):42-5 (Eng. Abstr.) **(Rus)**

[Changes in the monocyte Fc receptor (IgG) in diabetic ketoacidosis and non-ketotic hyperosmolar coma] Gómez Rodríguez F, et al. **Med Clin (Barc)** 1985 Jan 12;84(1):8-11 (Eng. Abstr.) **(Spa)**

BIOSYNTHESIS

Receptors for immunoglobulin isotypes (FcR) on murine T cells. II. Multiple FcR induction on hybridoma T cell clones. Daëron M, et al. **Eur J Immunol** 1985 Jul; 15(7):668-74

Determination of the inducers of Fc (FcRI) and C3 (C3RI) receptors on myeloid cells in several media from human and mouse origin, and the identification of the macrophage as the cell that produces these factors. Fragoso A, et al. **Exp Hematol** 1985 Mar;13(3):163-8

Biosynthesis and intracellular transport of the mouse macrophage Fc receptor. Green SA, et al. **J Biol Chem** 1985 Aug 15;260(17):9867-74

B lymphocyte regulation of the immune system. II. Inhibition of Fc receptor expression of lymphocytes by BEF, a lymphokine of B cell origin. del Guercio P, et al. **J Immunol** 1985 Jun;134(6):3926-33

FcR epsilon+ lymphocytes and regulation of the IgE antibody system. I. A new class of molecules, termed IgE-induced regulants (EIR), which modulate FcR epsilon expression by lymphocytes. Marcelletti JF, et al. **J Immunol** 1984 Dec;133(6):2821-8

FcR epsilon+ lymphocytes and regulation of the IgE antibody system. III. Suppressive factor of allergy (SFA) is produced during the in vitro FcR epsilon expression cascade and displays corollary physiologic activity in vivo. Marcelletti JF, et al. **J Immunol** 1984 Dec;133(6):2837-44

FcR epsilon+ lymphocytes and regulation of the IgE antibody system. II. FcR epsilon+ B lymphocytes initiate a cascade of cellular and molecular interactions that control FcR epsilon expression and IgE production. Marcelletti JF, et al. **J Immunol** 1984 Dec;133(6):2829-36

FcR epsilon+ lymphocytes and regulation of the IgE antibody system. IV. Delineation of target cells and mechanisms of action of SFA and EFA in inhibiting in vitro induction of FcR epsilon expression. Marcelletti JF, et al. **J Immunol** 1984 Dec;133(6):2845-51

Opposing effects of glucocorticoids on interferon-gamma-induced murine macrophage Fc receptor and Ia antigen expression. Warren MK, et al. **J Immunol** 1985 Apr;134(4):2462-9

Induction of Fc receptors and immunoglobulin-binding factors in T-cell clones. Fridman WH, et al. **Mol Immunol** 1984 Dec;21(12):1243-51

DEFICIENCY

Lack of Fc receptor for IgE in SJA9 mice. Adachi M, et al. **Immunogenetics** 1985;22(1):77-83

DRUG EFFECTS

Reduced Fc-receptor function in human monocytes exposed to ethanol in vitro. Mørland B, et al. **Alcohol Alcohol** 1984; 19(3):211-7

Effects of mononuclear phagocyte system modulating agents on Fc and C3 receptors of adherent cells. Hitomi M, et al. **Br J Exp Pathol** 1985 Jun;66(3):371-6

Immunomodulatory action of ampicillin. Skopińska-Różewska E, et al. **Folia Biol (Praha)** 1985; 31(3):200-12

The effect of bilirubin on the Fc receptor expression and phagocytic activity of mouse peritoneal macrophages. Větvička V, et al. **Folia Microbiol (Praha)** 1985; 30(4):373-80

Down-regulation of Fc receptor expression in guinea pig peritoneal exudate macrophages by muramyl dipeptide or lipopolysaccharide. Yagawa K, et al. **J Immunol** 1985 Jun; 134(6):3705-11

Influence of cadmium on isolated peritoneal macrophage populations: I. Cadmium interferes with Fc receptor function. Cook G, et al. **Proc West Pharmacol Soc** 1984; 27:481-6

GENETICS

Polymorphism of Fc receptor on murine B cells is Igh-linked. Baum CM, et al. **J Exp Med** 1985 Jul 1;162(1):282-96 (68 ref.)

Identification of an IgE-binding protein by molecular cloning. Liu FT, et al. **Proc Natl Acad Sci USA** 1985 Jun; 82(12):4100-4

IMMUNOLOGY

In vitro investigations of human immunoglobulin preparations: Fc-receptor reactivity and complement consumption. Rasmussen JM, et al. **Acta Pathol Microbiol Immunol Scand** [C] 1984 Dec; 92(6):335-40

Lymphocytes bearing Fc gamma receptors in rheumatoid arthritis. III. Immunoregulatory function associated with Facb rosette-forming cells. Eales LJ, et al. **Ann Rheum Dis** 1985 Jan;44(1):8-12

Effects of immune complexes from SLE patients on human monocyte locomotion and Fc receptor function. Lukács K, et al. **Ann Rheum Dis** 1984 Oct;43(5):729-33

Fc and complement receptor integrity of polymorphonuclear (PMN) cells following thermal injury. Jeyapaul J, et al. **Burns Incl Therm Inj** 1984 Aug;10(6):387-95

Characterization of the Fc(IgG) receptor on the pluripotential leukaemia cell K-562. Ichiki AT, et al. **Clin Exp Immunol** 1985 Jan;59(1):64-8

Elevated numbers of peripheral T cells in inflammatory bowel diseases displaying T9 antigen and Fc alpha receptors. Raedler A, et al. **Clin Exp Immunol** 1985 Jun; 60(3):518-24

Reticuloendothelial Fc function in normal individuals and its relationship to the HLA antigen DR3. Williams BD, et al. **Clin Exp Immunol** 1985 Jun;60(3):532-8

T and B lymphocytes with immunoglobulin E Fc receptors (Fc epsilon R) in patients with nonallergic hyperimmunoglobulinemia E: demonstration using a monoclonal antibody against Fc epsilon R-associated antigen. Nagai T, et al. **Clin Immunol Immunopathol** 1985 Jun;35(3):261-75

Human umbilical cord vein smooth muscle cells lack receptors for C3b and the Fc portion of immunoglobulin G. Shingu M, et al. **Clin Immunol Immunopathol** 1984 Nov; 33(2):282-6

Circulating Fc-receptor blocking factors in IgA nephropathies. Roccatello D, et al. **Clin Nephrol** 1985 Apr; 23(4):159-68

Syngeneic mixed lymphocyte reactions to murine Fc receptor-bearing, nonadherent low density lymph node cells and epidermal Langerhans cells. Bienenstock AN, et al. **Eur J Immunol** 1985 Apr;15(4):381-6

Induction of functional Fc receptors in P388 leukemia cells. Requirement for multiple differentiation signals. Cohen DA, et al. **Exp Cell Res** 1985 Apr;157(2):511-9

Amblyomma americanum: requirement for host Fc receptors in antibody-mediated acquired immune resistance to ticks. Brown SJ, et al. **Exp Parasitol** 1985 Apr;59(2):248-56

Regulation of Fc mu receptor-mediated functions of resident and provoked peritoneal macrophages. Medgyesi GA, et al. **Immunobiology** 1984 Oct;167(4):293-300

Preservation of Fc gamma receptor-mediated particle phagocytosis and binding with rat alveolar macrophages adhered to a plastic substrate in a serum free system. Lehnert BE, et al. **Immunol Commun** 1984;13(4):313-23

Functional differences associated with quantitative distribution of membrane immunoglobulin, Fc receptors and Ia on mouse B cells. Andrew EM, et al. **Immunology** 1985 Feb;54(2):233-40

Fc receptors on mouse neutrophils and eosinophils: antigenic characteristics, isotype specificity and relative cell membrane density measured by flow cytometry. López AF, et al. **Immunology** 1985 May;55(1):125-33

The role of shed Fc receptor in the regulation of lymphocyte response to phytohaemagglutinin (PHA). Pituch-Noworolska A, et al. **Immunology** 1985 Aug; 55(4):693-701

Detection and characterization of monoclonal antibodies specific to IgE receptors on human lymphocytes by flow cytometry. Rector E, et al. **Immunology** 1985 Jul; 55(3):481-8

Isolation of labile Fcgamma-receptors from human peripheral blood lymphocytes and production of an antiserum. Sandilands GP, et al. **Immunology** 1985 May; 55(1):7-13

In vitro synthesis of IgE by human lymphocytes. II. Enhancement of the spontaneous IgE synthesis by IgE-binding factors secreted by RPMI 8866 lymphoblastoid B cells. Sarfati M, et al. **Immunology** 1984 Oct;53(2):197-205

Binding site and subclass specificity of the herpes simplex virus type 1-induced Fc receptor. Wiger D, et al. **Immunology** 1985 Mar;54(3):565-72

Fc receptor-mediated desensitization of superoxide (O2-) generation response of guinea-pig macrophages and polymorphonuclear leucocytes. Yagawa K, et al. **Immunology** 1985 Aug;55(4):629-38

Effect of immune complexes from mastitic milk on blocking of Fc receptors and phagocytosis. Targowski SP, et al. **Infect Immun** 1985 Feb;47(2):484-8

Cytophilic IgE on human blood and tissue eosinophils. Capron M, et al. **Int Arch Allergy Appl Immunol** 1985; 77(1-2):246-8

Characterization of the low-affinity receptor for IgE on murine B cells by using membrane impermeant cross-linking reagents. Conrad DH, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):228-31

Secretion of IgE-specific potentiating factors by human Fc epsilon R+ T cell lines. Leung DY, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):232-4

A monoclonal antibody inhibiting human placental Fc gamma-receptor activity. Matre R, et al. **Int Arch Allergy Appl Immunol** 1984;75(3):227-9

IgE Fc receptor positive T, B and NK cells in patients with the hyper-IgE syndrome. Spiegelberg HL, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):277-9

Monocyte and macrophage Fc-receptor function in systemic vasculitis with renal involvement. Roccatello D, et al. **Int J Tissue React** 1984;6(6):541-5

Production of target-specific effector cells using hetero-cross-linked aggregates containing anti-target cell and anti-Fc gamma receptor antibodies. Karpovsky B, et al. **J Exp Med** 1984 Dec 1;160(6):1686-701

Phagocytosis by mouse peritoneal macrophages plated on monoclonal antibody-coated immune complex-substrates: effects of complexes of different IgG subclasses on Fc receptor functions. Sung SS. **J Immunol** 1985 Sep; 135(3):1981-6

Defective reticuloendothelial system Fc-receptor function in patients with acquired immunodeficiency syndrome. Bender BS, et al. **J Infect Dis** 1985 Aug;152(2):409-12

Antibody-dependent cellular cytotoxicity and skin disease. Norris DA, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):165s-175s

Detection of macrophages and the characterization of Fc receptor-bearing cells in the mouse decidua, placenta and yolk sac using the macrophage-specific monoclonal antibody F4/80. Matthews CJ, et al. **J Reprod Immunol** 1985 Jun;7(4):315-23

Detection of Fc-receptor-blocking antibodies in anti-Rh(D) hyperimmune gammaglobulin [letter] Petri IB, et al. **Lancet** 1984 Dec 22;2(8417-18):1378-9

Fc gamma-receptor blocking antibodies in hyperimmune and normal pooled gammaglobulin [letter] Templeton JG, et al. **Lancet** 1985 Jun 8;1(8441):1337

The mode of action of antibody in neutrophil bactericidal activity against highly pathogenic group-B streptococci. Cleat PH, et al. **Med Microbiol Immunol (Berl)** 1984; 173(2):65-74

Isotype specificity and heterogeneity of Fc gamma-receptors on guinea pig splenic B and T lymphocytes. Yamashita T, et al. **Microbiol Immunol** 1984;28(10):1137-48

Modulation of Fc receptor mediated functions by split products of C3. Gergely J, et al. **Mol Immunol** 1984 Dec; 21(12):1205-10

Hybridoma 2.4G2: dissociation of the B-lymphocyte-triggering activity from the monoclonal anti-Fc IgG receptor antibody. Lamers MC, et al. **Mol Immunol** 1984 Dec;21(12):1237-42

The role of non-antigen receptors in mast cell signalling processes. Stanworth DR. **Mol Immunol** 1984 Dec; 21(12):1183-90

Fc receptor-dependent immune-regulation: immunological roles of immune suppressive lymphokines (suppressive B cell factor), produced by Fc receptor-stimulated murine and human B cells. Masuda T, et al.

Nippon Ketsueki Gakkai Zasshi 1984 Dec;47(8):1623-31

Fc receptor-dependent activation of effector function of gnotobiotic porcine pulmonary alveolar macrophages. Rothlein R, et al. **Prog Clin Biol Res** 1985;181:371-5

A simple method for purification of human monocytes and evaluation of IgG Fc-receptor-mediated phagocytosis. Zauli D, et al. **Ric Clin Lab** 1984 Oct-Dec;14(4):635-9

Retention of immune complexes by Fc receptors on mouse follicular dendritic cells. Radoux D, et al. **Scand J Immunol** 1985 Apr;21(4):345-53

Effect of mouse passage on Fc receptor expression by group A streptococci. Reis KJ, et al. **Scand J Immunol** 1984 Nov; 20(5):433-9

Evidence that protective Fc-receptor-blocking antibodies in renal transplantation are alloantibodies not autoantibodies. MacLeod AM, et al. **Transplantation** 1985 May;39(5):520-3

Characterization of the inflammatory cells in progressing tumor-like alveolar hydatid cyst. 2. Cell surface receptors, endocytosed immune complexes and lysosomal enzyme content. Treves S, et al. **Tropenmed Parasitol** 1984 Dec; 35(4):231-6

A comparison between Fc receptors for IgG1 and IgG3 on human monocytes and lymphocytes using anti-Rh antibodies. Zupańska B, et al. **Vox Sang** 1985;49(1):67-76

[Follicular dendritic cells] Simar LJ. **Bull Mem Acad R Med Belg** 1984;139(10-11):495-506 (Eng. Abstr.) **(Fre)**

[Fc mu R on neutrophils] Belotskiĭ SM, et al. **Biull Eksp Biol Med** 1985 Feb;99(2):174-6 (Eng. Abstr.) **(Rus)**

[Streptococcal immunoglobulin Fc reception and its participation in poststreptococcal complications] Burova LA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct; (10):12-20 (80 ref.) **(Rus)**

ISOLATION & PURIFICATION

Isolation and characterization of an Fc receptor from neonatal rat small intestine. Simister NE, et al. **Eur J Immunol** 1985 Jul;15(7):733-8

Comparison of Fc gamma-receptors isolated from normal human serum and peripheral blood lymphocytes. Sandilands GP, et al. **J Clin Lab Immunol** 1984 Sep; 15(1):39-44

A surface receptor specific for human IgA on group B streptococci possessing the Ibc protein antigen. Russell-Jones GJ, et al. **J Exp Med** 1984 Nov 1; 160(5):1467-75

METABOLISM

Interaction of thermally aggregated human IgG with bacteria. Myhre EB, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Aug; 92(4):229-36

Decreased Fc-receptor binding in human monocytes exposed to ethanol in vitro. Mørland B, et al. **Alcohol** 1985 May-Jun; 2(3):425-8

Lack of evidence for liver lectins functioning as IgM or IgG-Fc-receptors. Tsagurnis J, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1002-9

Fc receptors on lymphocytes and K cells. Gergely J, et al. **Biochem Soc Trans** 1984 Oct;12(5):739-43

Immunoglobulin and soluble immune complex binding to phagocyte Fc receptors. Leslie RG. **Biochem Soc Trans** 1984 Oct;12(5):743-6 (45 ref.)

Biochemical properties of phosphatidylcholine-binding proteins that share common antigenic determinants with Fc gamma 2b receptor. Fernandez-Botran R, et al. **Biochemistry** 1985 Apr 9;24(8):1896-903

Alterations of surface receptors on intralesional neutrophils in pustular psoriasis and palmo-plantar pustulosis. Iwatsuki K, et al. **Br J Dermatol** 1985 Jan;112(1):53-6

pH-dependent binding of peroxidase-antiperoxidase /PAP/ immune complex to Fc receptors of macrophages. Kiss AL, et al. **Cell Biol Int Rep** 1984 Dec;8(12):1069-76

Fc gamma-receptor-bearing, non-B lymphocytes in human peripheral blood: cytophilic immunoglobulin binds almost exclusively to large granular lymphocytes. Wilson AB, et al. **Cell Immunol** 1985 Jan;90(1):196-207

Binding and uptake of rabbit IgG complexes by diploid fibroblasts via plasma membrane Fc receptors. Frey J, et al. **Eur J Immunol** 1984 Dec;14(12):1115-8

Mycoplasma infection of cell lines can simulate the expression of Fc receptors by binding of the carbohydrate moiety of antibodies. Lemke H, et al. **Eur J Immunol** 1985 May; 15(5):442-7

Sequential changes of the T lymphocytes following ER rosette formation in guinea pigs. I. Expression of Fc and complement receptors. Yasumizu R, et al. **Immunobiology** 1985 Apr;169(3):292-302

A disquisition on the energetics of immunoglobulin binding to receptors in vivo and in vitro. van Oss CJ, et al. **Immunol Invest** 1985 Apr;14(2):167-76

Structural studies of T lymphocyte Fc receptors. Association of Gc protein with IgG binding to Fc gamma. Petrini M, et al. **J Biol Chem** 1985 Feb 10;260(3):1804-10

Site of binding of IgG2b and IgG2a by mouse macrophage Fc receptors by using cyanogen bromide fragments. Diamond B, et al. **J Immunol** 1985 Feb;134(2):1080-3

Fc gamma receptors on rat eosinophils: isotype-dependent cell activation. Khalife J, et al. **J Immunol** 1985 Oct; 135(4):2780-4

The interaction of murine IgG subclass proteins with human monocyte Fc receptors. Lubeck MD, et al. **J Immunol** 1985 Aug;135(2):1299-304

Structural requirements of immunoglobulin G for binding to the Fc gamma receptors of the human tumor cell lines U937, HL-60, ML-1, and K562. McCool D, et al. **J Immunol** 1985 Sep;135(3):1975-80

Osmotic stress and the freeze-thaw cycle cause shedding of Fc and C3b receptors by human polymorphonuclear leukocytes. Takahashi T, et al. **J Immunol** 1985 Jun; 134(6):4062-8

Human C5a modulates monocyte Fc and C3 receptor expression. Yancey KB, et al. **J Immunol** 1985 Jul; 135(1):465-70

Solid-phase radioassay for the determination of binding activity of solubilized tritiated Fc gamma receptor of guinea pig peritoneal macrophages. Tyran B. **J Immunol Methods** 1985 May 10;79(1):47-55

Phospholipase A2 activity of Fc gamma 2b receptors of thioglycollate-elicited murine peritoneal macrophages. Nitta T, et al. **J Leukocyte Biol** 1984 Oct;36(4):493-504

In vivo studies on the mononuclear phagocyte system Fc receptor function in rheumatoid arthritis. Correlations with clinical and immunological variables. Malaise MG, et al. **J Rheumatol** 1985 Feb;12(1):33-42

Complexes prepared from protein A and human serum, IgG, or Fc gamma fragments: characterization by immunochemical analysis of ultracentrifugation fractions and studies on their interconversion. Langone JJ, et al. **Mol Cell Biochem** 1985 Jan;65(2):159-70

Effector functions of a monoclonal aglycosylated mouse IgG2a: binding and activation of complement component C1 and interaction with human monocyte Fc receptor. Leatherbarrow RJ, et al. **Mol Immunol** 1985 Apr; 22(4):407-15

Increases in lymphocytes with Fc receptors for IgA and rates of spontaneous IgA synthesis in patients with IgA nephropathy. Endoh M. **Nippon Jinzo Gakkai Shi** 1984 Sep; 26(9):1179-85

Influence of cadmium on isolated peritoneal macrophage populations: II. Cadmium inhibits Fc receptor internalization. Cook G, et al. **Proc West Pharmacol Soc** 1984;27:487-93

Human skin fibroblasts express an IgG-Fc-receptor for the uptake and degradation of immunoglobulin complexes. Frey J, et al. **Prog Clin Biol Res** 1985;180:663-6

IgG Fc membrane receptor on normal human glomerular visceral epithelial cells. Mancilla-Jimenez R, et al. **Virchows Arch [A]** 1984;404(2):139-58

[Fc IgG carrying T lymphocytes in healthy adults and patients following kidney transplantation] Kaden J, et al. **Z Urol Nephrol** 1984 Dec;77(12):683-93 (Eng. Abstr.) **(Ger)**

[Quantitative determination of immunoglobulin G binding to streptococci] Gomes Ferreira Lima F, et al. **Zentralbl Veterinarmed [B]** 1985 Mar;32(3):213-9 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Fc- and complement receptor-dependent degradation of soluble immune complexes and stable immunoglobulin aggregates by guinea pig monocytes, peritoneal macrophages, and Kupffer cells. Daha MR, et al. **J Leukocyte Biol** 1984 Nov;36(5):569-79

PHYSIOLOGY

The Fc-receptor function of human mononuclear phagocyte system: physiological role, alteration in immune diseases and modulation. Malaise MG, et al. **Acta Clin Belg** 1985; 40(1):27-37 (65 ref.)

Fc receptors as regulatory molecules. **Ann Inst Pasteur Immunol** 1985 May-Jun;136C(3):383-437

Fc-receptor mediated protein phosphorylation in murine peritoneal macrophages. Johnston PA, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):197-202

The concentration of IgG in the serum is a major determinant of Fc-dependent reticuloendothelial function. Kelton JG, et al. **Blood** 1985 Sep;66(3):490-5

Immunogenetics and immunopathology of human primary membranous glomerulonephritis: HLA-A, B, DR antigens; functional activity of splenic macrophage Fc-receptors and peripheral blood T-lymphocyte subpopulations. Berthoux FC, et al. **Clin Nephrol** 1984 Jul;22(1):15-20

Macrophage Fc gamma 2b receptor expression and receptor-mediated phospholipase activity: regulation by endogenous eicosanoids. Rhodes J, et al. **Eur J Immunol** 1985 Mar;15(3):222-7

In vitro study of Fc-receptor function in autoimmune diseases. Roccatello D, et al. **Immunol Lett** 1985;9(1):53-6

Fc receptor-mediated binding and endocytosis by human mononuclear phagocytes: monomeric IgG is not endocytosed by U937 cells and monocytes. Jones DH, et al. **J Cell Biol** 1985 Feb;100(2):558-64

Transmembrane signaling: an ion-flux-independent model for signal transduction by complexed Fc receptors. Pfefferkorn LC. **J Cell Biol** 1984 Dec;99(6):2231-40

Enhancement of macrophage immune and nonimmune receptor-mediated phagocytosis by a low molecular weight soluble factor from resident thymocytes. Coleman DL, et al. **J Immunol** 1984 Dec;133(6):3121-7

The fate of IgE bound to rat basophilic leukemia cells. IV. Functional association between the receptors for IgE. Furuichi K, et al. **J Immunol** 1985 Mar;134(3):1766-73

Fc gamma receptor-mediated suppression of gamma-interferon-induced Ia antigen expression on a murine macrophage-like cell line (P338D1). Hanaumi K, et al. **J Immunol** 1984 Dec;133(6):2852-6

Regulation of the Fc-receptor-mediated respiratory burst: treatment of primed murine peritoneal macrophages with lipopolysaccharide selectively inhibits H2O2 secretion stimulated by immune complexes. Johnston PA, et al. **J Immunol** 1985 Jul;135(1):513-8

Subclass specificity of Fc gamma receptor-mediated inhibition of mouse B cell activation. Phillips NE, et al. **J Immunol** 1985 May;134(5):2835-8

Mouse peritoneal macrophages plated on mannan- and horseradish peroxidase-coated substrates lose the ability to phagocytose by their Fc receptors. Sung SS, et al. **J Immunol** 1985 Jun;134(6):3712-7

Photometric microassay for quantitation of macrophage Fc and C3b receptor function. Rummage JA, et al. **J Immunol Methods** 1985 Feb 28;77(1):155-63

Interactions of phagocytes with the Lyme disease spirochete: role of the Fc receptor. Benach JL, et al. **J Infect Dis** 1984 Oct;150(4):497-507

Phagocytosis by receptors for C3b (CR1), iC3b (CR3), and IgG (Fc) on human peritoneal macrophages. Newman SL, et al. **J Leukocyte Biol** 1985 Aug;38(2):267-78

Interaction of macrophages with 'old' red blood cells from syngeneic mice in vitro and the independence of the recognition process on macrophage Fc receptors. Knyszynski A, et al. **Mech Ageing Dev** 1985 Feb; 29(2):171-80

Ca2+-dependent and Ca2+-independent phagocytosis in human neutrophils. Lew DP, et al. **Nature** 1985 Jun 6-12; 315(6019):509-11

RECEPTORS, GABA-BENZODIAZEPINE

Structure and properties of the brain GABA/benzodiazepine receptor complex. Barnard EA, et al. **Adv Exp Med Biol** 1984;175:235-54 (28 ref.)

Theoretical structure-activity studies of beta-carboline analogs. Requirements for benzodiazepine receptor affinity and antagonist activity. Loew GH, et al. **Mol Pharmacol** 1985 Jul;28(1):17-31

ANALYSIS

Autoradiographic localization of benzodiazepine receptors in the rat kidney. Beaumont K, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F718-24

Foot shock-induced decrease of low affinity GABA receptors in the rat brain: antagonism by diazepam. Concas A, et al. **Ann Ist Super Sanita** 1984;20(1):53-6

Regional distribution of neurotransmitter receptors in the visual structures of the rat brain. Schliebs R, et al. **Biomed Biochim Acta** 1984;43(10):1119-25

Late evolutionary appearance of 'peripheral-type' binding sites for benzodiazepines. Bolger GT, et al. **Brain Res** 1985 Jul 15;338(2):366-70

Brain benzodiazepine receptor binding and purine concentration in Lesch-Nyhan syndrome. Kish SJ, et al. **Brain Res** 1985 Jun 10;336(1):117-23

Prenatal exposure to diazepam results in enduring reductions in brain receptors and deep slow wave sleep. Livezey GT, et al. **Brain Res** 1985 May 20;334(2):361-5

Specific [3H]gamma-aminobutyric acid binding to vestibular membranes of the chick inner ear. Meza G, et al. **Brain Res** 1985 Jun 24;337(1):179-83

Benzodiazepine receptors in the visual structures of monocularly deprived rats. Effect of light and dark adaptation. Rothe T, et al. **Brain Res** 1985 Mar 11; 329(1-2):143-50

Characterization of the gamma-aminobutyric acid receptor system in human brain gliomas. Frattola L, et al. **Cancer Res** 1985 Sep;45(9):4495-8

Peripheral-type benzodiazepine receptors in endocrine organs: autoradiographic localization in rat pituitary, adrenal, and testis. De Souza EB, et al. **Endocrinology** 1985 Feb;116(2):567-73

Depletion of peripheral-type benzodiazepine receptors after hypophysectomy in rat adrenal gland and testis. Anholt RR, et al. **Eur J Pharmacol** 1985 Mar 26;110(1):41-6

Adrenalectomy reduces the density of 'peripheral-type' binding sites for benzodiazepines in the rat kidney. Basile AS, et al. **Eur J Pharmacol** 1985 Mar 26;110(1):149-50

Peripheral-type benzodiazepine binding sites in a renal epithelial cell line (MDCK). Beaumont K, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):185-8

The effect of freezing and thawing or of detergent treatment on peripheral benzodiazepine binding: the possible existence of an endogenous ligand. Gavish M, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):283-4

Ontogenetic properties of benzodiazepine receptor subtypes in rat spinal cord. Watanabe Y, et al. **Eur J Pharmacol** 1985 Feb 26;109(2):307-9

Synthesis of ethyl 8-fluoro-5,6-dihydro-5-[11C]methyl-6-oxo-4H-imidazo [1,5-a] [1,4]benzodiazepine-3-carboxylate (RO 15.1788-11C): a specific radioligand for the in vivo study of central benzodiazepine receptors by positron emission tomography. Maziere M, et al. **Int J Appl Radiat Isot** 1984 Oct;35(10):973-6

Peripheral-type benzodiazepine receptors: autoradiographic localization in whole-body sections of neonatal rats. Anholt RR, et al. **J Pharmacol Exp Ther** 1985 May;233(2):517-26

Co-localized adenosine A1 and gamma-aminobutyric acid B (GABAB) receptors of cerebellum may share a common adenylate cyclase catalytic unit. Wojcik WJ, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):62-6

Differential, postnatal ontogeny of opiate and benzodiazepine receptor subtypes in rat cerebral cortex: binding characteristics of tifluadom and brotizolam. Hill HF, et al. **Jpn J Pharmacol** 1984 Sep;36(1):15-21

[3H] diazepam binding to human granulocytes. Bond PA, et al. **Life Sci** 1985 Jul 8;37(1):11-6

Prenatal stress impairs maternal behavior in a conflict situation and reduces hippocampal benzodiazepine receptors. Fride E, et al. **Life Sci** 1985 Jun 3;36(22):2103-9

Visualization by positron emission tomography of the apparent regional heterogeneity of central type benzodiazepine receptors in the brain of living baboons. Mazière M, et al. **Life Sci** 1985 Apr 29;36(17):1609-16

Co-localization of GABA receptors and benzodiazepine receptors in the brain shown by monoclonal antibodies. Schoch P, et al. **Nature** 1985 Mar 14-20;314(6007):168-71

Autoradiographic localization of 'peripheral-type' benzodiazepine binding sites in the rat brain, heart and kidney. Gehlert DR, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Feb; 328(4):454-60

Localization and heterogeneity of central benzodiazepine receptors. De Robertis E, et al. **Neurochem Res** 1985 Jun; 10(6):857-63

Evidence for the presence of benzodiazepine receptor subclasses in different areas of the human brain. Montaldo S, et al. **Neurosci Lett** 1984 Dec 21;52(3):263-8

On the location of gamma-aminobutyrate and benzodiazepine receptors in the cerebellum of the normal C3H and Lurcher mutant mouse. Fry JP, et al. **Neuroscience** 1985 Apr; 14(4):1091-101

Monoclonal antibodies reveal structural homogeneity of gamma-aminobutyric acid/benzodiazepine receptors in different brain areas. Häring P, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4837-41

Demonstration of benzodiazepine-like molecules in the mammalian brain with a monoclonal antibody to benzodiazepines. Sangameswaran L, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5560-4

Brain slices in radioligand binding assays: quantification of opiate, benzodiazepines and beta-adrenergic ([3H] CGP-12177) receptors. Wilkinson M, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):621-6

[Emotional disorders and neurotransmitters] Kato N. **Nippon Rinsho** 1984 Apr;42(4):885-90 **(Jpn)**

ANTAGONISTS & INHIBITORS

Reversal of the antinociceptive effects of centrally-administered morphine by the benzodiazepine receptor antagonist Ro 15-1788. Brady LS, et al. **Life Sci** 1984 Dec 24;35(26):2593-600

DRUG EFFECTS

Preparation and preliminary positron emission tomography studies of 11C-Ro 15-1788, a selective benzodiazepine receptor antagonist. Ehrin E, et al. **Acta Pharm Suec** 1984; 21(3):183-8

The effect of antidepressants on circadian rhythms in brain neurotransmitter receptors. Kafka MS. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:162-9

Alcohol modulation of benzodiazepine receptors. Rottenberg H. **Alcohol** 1985 Mar-Apr;2(2):203-7

Midazolam-ethanol interactions and reversal with a benzodiazepine antagonist. Van Gorder PN, et al. **Anesth Analg** 1985 Feb;64(2):129-35

The GABA-ergic system: a locus of benzodiazepine action. Tallman JF, et al. **Annu Rev Neurosci** 1985;8:21-44 (133 ref.)

Inhibitory effect of cephalosporins on gamma-aminobutyric acid receptor binding in rat synaptic membranes. Hori S, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):650-1

Pharmacological evidence that PK 8165 behaves as a partial agonist of brain type benzodiazepine receptors. Mizoule J, et al. **Arch Int Pharmacodyn Ther** 1984 Oct;271(2):189-97

Central effects of nicotinamide and inosine which are not mediated through benzodiazepine receptors. Bold JM, et al. **Br J Pharmacol** 1985 Mar;84(3):689-96

The adenosine receptor activity of EMD 28422, a purine derivative with reported actions on benzodiazepine receptors. Dunwiddie TV, et al. **Br J Pharmacol** 1985 Mar; 84(3):625-30

Modulatory activity of GABAB receptors on cholinergic tone in guinea-pig distal colon. Giotti A, et al. **Br J Pharmacol** 1985 Apr;84(4):883-95

The effects of benzodiazepine agonists, inverse agonists and Ro 15-1788 on the responses of the superior cervical ganglion to GABA in vitro. Little HJ. **Br J Pharmacol** 1984 Sep;83(1):57-68

Acute and chronic effects of the benzodiazepine receptor ligand FG 7142: proconvulsant properties and kindling. Little HJ, et al. **Br J Pharmacol** 1984 Dec;83(4):951-8

Securinine alkaloids: a new class of GABA receptor antagonist. Beutler JA, et al. **Brain Res** 1985 Mar 18; 330(1):135-40

Modulation of the GABA receptor complex by a steroid anaesthetic. Harrison NL, et al. **Brain Res** 1984 Dec 10; 323(2):287-92

Chronic administration of diazepam to rats causes changes in EEG patterns and in coupling between GABA receptors and benzodiazepine binding sites in vitro. Mele L, et al. **Brain Res** 1984 Dec 3;323(1):93-102

Beta-carboline kindling of the benzodiazepine receptor. Morin AM. **Brain Res** 1984 Oct 29;321(1):151-4

Differential modulation of gamma-aminobutyric acid receptors by caprolactam derivatives with central nervous system depressant or convulsant activity. Skerritt JH, et al. **Brain Res** 1985 Apr 8;331(2):225-33

Progabide: a new GABA-mimetic agent in clinical use. Bergmann KJ. **Clin Neuropharmacol** 1985;8(1):13-26 (98 ref.)

Pharmacological evidence that the non-neuronal diazepam binding site in primary cultures of glial cells is associated with a calcium channel. Bender AS, et al. **Eur J Pharmacol** 1985 Apr 2;110(2):287-8

Effects of PK 8165, a partial benzodiazepine receptor agonist, on cholecystokinin-induced activation of hippocampal pyramidal neurons: a microiontophoretic study in the rat. Bradwejn J, et al. **Eur J Pharmacol** 1985 Jun 19; 112(3):415-8

In vivo determination of efficacy of pyrazoloquinolinones at the benzodiazepine receptor. Brown C, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):139-43

Modification of pyrazoloquinolinone affinity by GABA predicts efficacy at the benzodiazepine receptor. Brown CL, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):167-73

Benzodiazepine agonist-type activity of raubasine, a rauwolfia serpentina alkaloid. Charveron M, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):313-7

Spontaneous and RO 15-1788-induced reversal of subsensitivity to GABA following chronic benzodiazepines. Gonsalves SF, et al. **Eur J Pharmacol** 1985 Apr 2;110(2):163-70

An imidazodiazepine derivative, Ro 15-1788, behaves as a weak partial agonist in the crossed extensor reflex. Kawasaki K, et al. **Eur J Pharmacol** 1984 Jun 15; 102(1):147-50

Specific effects of chronic phenobarbital administration on high- and low-affinity benzodiazepine receptors in mouse cerebellum and forebrain. Liljequist S, et al. **Eur J Pharmacol** 1984 Aug 17;103(3-4):343-8

Progesterone and estrogens in rat brain: modulation of GABA (gamma-aminobutyric acid) receptor activity. Maggi A, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):165-8

Are the toxicities of pentobarbital and ethanol mediated by the GABA-benzodiazepine receptor-chloride ionophore complex? Mendelson WB, et al. **Eur J Pharmacol** 1985 Jan 15;108(1):63-70

PK 11195, an antagonist of peripheral benzodiazepine receptors, reduces ventricular arrhythmias during myocardial ischemia and reperfusion in the dog. Mestre M, et al. **Eur J Pharmacol** 1985 Jun 7;112(2):257-60

Investigating benzodiazepine receptor function in vivo using an intravenous infusion of DMCM. Nutt DJ, et al. **Eur J Pharmacol** 1984 Aug 17;103(3-4):359-62

gamma-Aminobutyric acid receptor binding antagonism by the amidine steroid RU5135. Olsen RW. **Eur J Pharmacol** 1984 Aug 17;103(3-4):333-7

The effect of acute ethanol administration on GABA receptor binding in cerebellum and hypothalamus. Seilicovich A, et al. **Eur J Pharmacol** 1985 May 20;111(3):365-8

Antidepressant--anxiolytic interaction: decreased density of benzodiazepine receptors in rat brain following chronic administration of antidepressants. Suranyi-Cadotte BE, et al. **Eur J Pharmacol** 1984 Nov 27;106(3):673-5

Separate site(s) of action of optical isomers of 1-methyl-5-phenyl-5-propylbarbituric acid with opposite pharmacological activities at the GABA receptor complex. Ticku MK, et al. **Eur J Pharmacol** 1985 May 28;112(1):1-9

Barbiturate recognition site on the GABA/benzodiazepine receptor complex is distinct from the picrotoxinin/TBPS recognition site. Trifiletti RR, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):441-7

Barbiturates allosterically inhibit GABA antagonist and benzodiazepine inverse agonist binding. Wong EH, et al. **Eur J Pharmacol** 1984 Jul 13;102(2):205-12

Progabide reverses the nigral substance P reduction induced by chronic impairment of dopaminergic transmission. Zivkovic B, et al. **Eur J Pharmacol** 1985 Jun 7;112(2):253-5

Biochemical pharmacology of the gamma-aminobutyric acid receptor/ionophore protein. Olsen RW, et al. **Fed Proc** 1984 Oct;43(13):2773-8

Identification of potential GABA-mimetics by their actions on brain GABA recognition sites. Tunnicliff G, et al. **Gen Pharmacol** 1985;16(1):25-9

5-Aminovaleric acid interactions with GABAA and GABAB receptors in guinea-pig ileum. Luzzi S, et al. **J Auton Pharmacol** 1985 Mar;5(1):65-9

3-Amino-beta-carboline derivatives and the benzodiazepine receptor. Synthesis of a selective antagonist of the sedative action of diazepam. Dodd RH, et al. **J Med Chem** 1985 Jun;28(6):824-8

Specific inhibition of benzodiazepine receptor binding by some N-(indol-3-ylglyoxylyl)amino acid derivatives. Martini C, et al. **J Med Chem** 1985 Apr;28(4):506-9

Synthesis and pharmacological evaluation of cis-2,3,3a,4,5,6,7,7a-octahydro-3-oxoisoxazolo[5,4-c]pyrid a structural analogue of the GABA agonist THIP. Nordmann R, et al. **J Med Chem** 1985 Aug;28(8):1109-11

'Peripheral-type' binding sites for benzodiazepines in brain: relationship to the convulsant actions of Ro 5-4864. Weissman BA, et al. **J Neurochem** 1985 May;44(5):1494-9

Effects of acute and chronic treatment on the pro- and anti-convulsant actions of CL 218, 872, PK 8165 and PK 9084, putative ligands for the benzodiazepine receptor. File SE, et al. **J Pharm Pharmacol** 1985 Apr;37(4):252-6

Beta-carbolines as benzodiazepine receptor ligands II: Synthesis and benzodiazepine receptor affinity of beta-carboline-3-carboxylic acid amides. Lippke KP, et al. **J Pharm Sci** 1985 Jun;74(6):676-80

Supraspinal convulsions induced by inverse benzodiazepine agonists in rabbits. Massotti M, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):274-9

In vitro characterization of benzodiazepine receptor agonists, antagonists, inverse agonists and agonist/antagonists. Wood PL, et al. **J Pharmacol Exp Ther** 1984 Dec;231(3):572-6

Influence of chronic lithium administration on binding to benzodiazepine- and histamine H1-receptors in rat brain. Reilly MA, et al. **J Recept Res** 1983-84;3(6):703-10

Ability of calcium bis acetyl homotaurine, a GABA agonist, to prevent relapse in weaned alcoholics. Lhuintre JP, et al. **Lancet** 1985 May 4;1(8436):1014-6

Prenatal chlordiazepoxide effects on metrazol seizures and benzodiazepine receptors density in adult albino rats. Gavish M, et al. **Life Sci** 1985 May 6;36(18):1693-8

Effects of denzimol on benzodiazepine receptors in the CNS: relationship between the enhancement of diazepam activity and benzodiazepine binding sites induced by denzimol in the rat. Mennini T, et al. **Life Sci** 1984 Oct 29; 35(18):1811-20

Opposite effects of two ligands for peripheral type benzodiazepine binding sites, PK 11195 and RO5-4864, in a conflict situation in the rat. Mizoule J, et al. **Life Sci** 1985 Mar 18;36(11):1059-68

beta-Carboline-3-carboxylate-t-butyl ester: a selective BZ1 benzodiazepine receptor antagonist. Shannon HE, et al. **Life Sci** 1984 Nov 26;35(22):2227-36

A proposed therapy for the encephalopathies of Reye's syndrome and hepatic encephalopathy. Anderson B. **Med Hypotheses** 1984 Dec;15(4):415-20 (30 ref.)

GABA receptor agonists: pharmacological spectrum and therapeutic actions. Bartholini G. **Med Res Rev** 1985 Jan-Mar;5(1):55-75 (138 ref.)

GABAergic influence on the effects of elymoclavine on exploratory behaviour of rats in open field. Georgiev V, et al. **Methods Find Exp Clin Pharmacol** 1984 Aug; 6(8):423-7

Bicycloorthocarboxylate convulsants. Potent GABAA receptor antagonists. Casida JE, et al. **Mol Pharmacol** 1985 Sep;28(3):246-53

Molecular structure of Ro15-1788 and a model for the binding of benzodiazepine receptor ligands. Structural identification of common features in antagonists. Codding PW, et al. **Mol Pharmacol** 1985 Aug;28(2):178-84

Lack of specificity in cation effects on solubilized benzodiazepine receptor. Mizuno S, et al. **Neurochem Res** 1984 Dec;9(12):1729-35

Biochemical evidence that 2-phenyl-4[(4-piperidinyl) ethyl]quinoline, a quinoline derivative with pure anticonflict properties, is a partial agonist of benzodiazepine receptors. Benavides J, et al. **Neuropharmacology** 1984 Oct; 23(10):1129-36

[3H](-)Baclofen: an improved ligand for GABAB sites. Bowery NG, et al. **Neuropharmacology** 1985 Mar; 24(3):207-10

The effects of benzodiazepines on spinal homosynaptic depression. Davies MF, et al. **Neuropharmacology** 1985 Apr;24(4):301-7

The influence of bicarbonate ions on the GABA-mimetic activity of ethylenediamine. Hill DR. **Neuropharmacology** 1985 Feb;24(2):147-55

Modulation of the responses to the GABA-mimetics, THIP and piperidine-4-sulphonic acid, by agents which interact with benzodiazepine receptors. An electrophysiological study on cultured mouse neurones. Jensen MS, et al. **Neuropharmacology** 1984 Dec;23(12A):1441-50

Pharmacology of methyl- and propyl-beta-carbolines in a hereditary model of epilepsy. Johnson DD, et al. **Neuropharmacology** 1984 Sep;23(9):1015-7

Tolerance to the anticonvulsant action of benzodiazepines. Relationship to decreased receptor density. Rosenberg HC, et al. **Neuropharmacology** 1985 Jul;24(7):639-44

Parallel changes in the sensitivity of gamma-aminobutyric acid and noradrenergic receptors following chronic administration of antidepressant and GABAergic drugs. A possible role in affective disorders. Suzdak PD, et al. **Neuropharmacology** 1985 Mar;24(3):217-22

A comparison of the antinociceptive responses to the GABA-receptor agonists THIP and baclofen. Vaught JL, et al. **Neuropharmacology** 1985 Mar;24(3):211-6

Behavioural pharmacology of food, water and salt intake in relation to drug actions at benzodiazepine receptors. Cooper SJ, et al. **Neurosci Biobehav Rev** 1985 Spring; 9(1):5-19 (162 ref.)

gamma-Aminobutyric acid modulation of benzodiazepine receptor binding in vitro does not predict the pharmacologic activity of all benzodiazepine receptor ligands. Chweh AY, et al. **Neurosci Lett** 1985 Mar 15; 54(2-3):173-7

Benzodiazepine receptors are not involved in the neurotoxicity and anti-electroshock activity of phenytoin in mice. Chweh AY, et al. **Neurosci Lett** 1985 Jun 24; 57(3):279-82

Multiple effects of drugs acting on benzodiazepine receptors. Fung SC, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):203-7

Agonist and inverse agonist effects of CL 218872 on benzodiazepine receptors. Gardner CR. **Neurosci Lett** 1984 Sep 28;51(1):1-6

Antagonistic effect of delta-aminovaleric acid on bicuculline-insensitive gamma-aminobutyric acid B (GABA B) sites in the rat's brain. Nakahiro M, et al. **Neurosci Lett** 1985 Jun 24;57(3):263-6

Are the anxiogenic effects of yohimbine mediated by its action at benzodiazepine receptors? Pellow S, et al. **Neurosci Lett** 1985 Mar 22;55(1):5-9

Evidence that the anticonflict effect of midazolam in amygdala is mediated by the specific benzodiazepine receptors. Petersen EN, et al. **Neurosci Lett** 1985 Feb 4; 53(3):285-8

Muscle relaxant action of 2-chloroadenosine in genetically spastic rats is independent of gamma-aminobutyric acid-mediated inhibition. Turski L, et al. **Neurosci Lett** 1985 Mar 15;54(2-3):369-74

Interactions of pyrethroid and cyclodiene insecticides with nicotinic acetylcholine and GABA receptors. Eldefrawi ME, et al. **Neurotoxicology** 1985 Summer;6(2):47-62

Interactions of pyrethroid insecticides with chloride ionophore-associated binding sites. Lawrence LJ, et al. **Neurotoxicology** 1985 Summer;6(2):87-98 (22 ref.)

Involvement of picrotoxinin receptor in the action of cyclodiene insecticides. Matsumura F. **Neurotoxicology** 1985 Summer;6(2):139-63

Methylxanthine discrimination in the rat: possible benzodiazepine and adenosine mechanisms. Holloway FA, et al. **Pharmacol Biochem Behav** 1985 May;22(5):815-24

The effects of GABA and benzodiazepine receptor antagonists on the anti-conflict actions of diazepam or ethanol. Liljequist S, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):521-5

Relationship of the effects of the benzodiazepine derivative clorazepate on corticosterone secretion with its behavioural actions. Antagonism by Ro 15-1788. Mormede P, et al. **Pharmacol Biochem Behav** 1984 Dec;21(6):839-43

Benzodiazepine-receptor mediated inhibition of isolation-induced aggression in mice. Skolnick P, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):17-20

Kynurenine may directly interact with GABA receptors in rat brain. Pinelli A, et al. **Pharmacology** 1985;30(5):255-8

Pharmacology of benzodiazepine antagonists. Haefely W. **Pharmacopsychiatry** 1985 Jan;18(1):163-6

The anxiolytic activity of beta-carboline derivatives in mice, and its separation from ataxic properties. Stephens DN, et al. **Pharmacopsychiatry** 1985 Jan;18(1):167-70

An arylaminopyridazine derivative of gamma-aminobutyric acid (GABA) is a selective and competitive antagonist at the GABAA receptor site. Chambon JP, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1832-6

Peripheral-type benzodiazepines influence ornithine decarboxylase levels and neurite outgrowth in PC12 cells. Morgan JI, et al. **Proc Natl Acad Sci USA** 1985 Aug; 82(15):5223-6

In vitro effects of melatonin on [3H]muscimol binding in rat brain. Coloma FM, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):669-72

D-Baclofen: is it an antagonist at baclofen receptors? Sawynok J, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):729-31

In vitro characterization of agonist, antagonist, inverse agonist and agonist/antagonist benzodiazepines. Wood PL, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):785-8

The benzodiazepine receptor and sleep. Mendelson WB. **Psychiatr Dev** 1984 Autumn;2(3):161-77

Benzodiazepine receptor ligands and the consumption of a highly palatable diet in non-deprived male rats. Cooper SJ, et al. **Psychopharmacology (Berlin)** 1985;86(3):348-55

Subsensitivity to muscimol-induced catalepsy after long-term administration of phenytoin in rats. Lalonde R, et al. **Psychopharmacology (Berlin)** 1985;86(1-2):77-80

In vivo interaction of premazepam with benzodiazepine receptors: relation to its pharmacological effects. Mennini T, et al. **Psychopharmacology (Berlin)** 1985;86(4):464-7

Multiple sites of action for anxiogenic drugs: behavioural, electrophysiological and biochemical correlations. Pellow S, et al. **Psychopharmacology (Berlin)** 1984;83(4):304-15 (125 ref.)

The effects of compounds related to gamma-aminobutyrate and benzodiazepine receptors on behavioural responses to anxiogenic stimuli in the rat: punished barpressing. Quintero S, et al. **Psychopharmacology (Berlin)** 1985; 85(2):244-51

The effects of compounds related to gamma-aminobutyrate and benzodiazepine receptors on behavioural responses to anxiogenic stimuli in the rat: choice behaviour in the T-maze. Quintero S, et al. **Psychopharmacology (Berlin)** 1985;86(3):328-33

Lack of effects of thallium on GABAergic mechanisms in discrete areas of the rat brain. Nisticò G, et al. **Res Commun Chem Pathol Pharmacol** 1984 Oct;46(1):35-42

[3 new GABA-ergics: research on their possible site of action] Vamvakidès A. **Agressologie** 1985 Jun;26(7):591-4 (Eng. Abstr.) **(Fre)**

[Relationship between the structure, affinity to benzodiazepine receptors and properties of 5-halogenophenyl-1,2-dihydro-3H-1,4-benzodiazepine-2-ones] Andronati SA, et al. **Bioorg Khim** 1983 Oct;9(10):1357-61 (Eng. Abstr.) **(Rus)**

[Effect of fenibut on the GABA B receptors of the spinal motor neurons] Abramets II, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):698-700 (Eng. Abstr.) **(Rus)**

[GABA-ergic effects of harman independent of its influence on benzodiazepine receptors] Dolzhenko AT, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):446-8 (Eng. Abstr.) **(Rus)**

[The GABA-ergic system and brain edema] Iasnetsov VS, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):67-9 (Eng. Abstr.) **(Rus)**

[Differences in the mechanism of the antihypoxic action of benzodiazepine receptor agonists and muscimol] Ostrovskaia RU. **Biull Eksp Biol Med** 1984 Oct; 98(10):436-9 (Eng. Abstr.) **(Rus)**

[Changes in the number of benzodiazepine receptors in different parts of the brain of rats after neuroleptic withdrawal] Zharkovskiĭ AM, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):457-9 (Eng. Abstr.) **(Rus)**

[Spectra of pharmacological activity of the endogenous ligands of the benzodiazepine receptors and their structural analogs] Akhundov RA, et al. **Farmakol Toksikol** 1984 Jul-Aug;47(4):25-8 (Eng. Abstr.) **(Rus)**

[Benzodiazepines, receptor affinity, their endogenous ligands and the modeling of new psychotropic preparations] Voronina TA, et al. **Vestn Akad Med Nauk SSSR** 1984; (11):13-20 (31 ref.) (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

[Presence of a peripheral type benzodiazepine binding site on the macrophage; its possible role in immunomodulation] Lenfant M, et al. **C R Acad Sci [III]** 1985;300(8):309-14 (Eng. Abstr.) **(Fre)**

ISOLATION & PURIFICATION

Purification of gamma-aminobutyric acid (GABA) and benzodiazepine receptors from rat brain using benzodiazepine-affinity column chromatography. Kuriyama K, et al. **Adv Exp Med Biol** 1984;175:221-33

Characterization of solubilized 'peripheral type' benzodiazepine binding sites from rat adrenals by using [3H]PK 11195, an isoquinoline carboxamide derivative. Benavides J, et al. **Biochem Pharmacol** 1985 Jan 15; 34(2):167-70

Purification of gamma-aminobutyric acid (GABA) receptor from rat brain by affinity column chromatography using a new benzodiazepine, 1012-S, as an immobilized ligand. Taguchi J, et al. **Brain Res** 1984 Dec 10;323(2):219-26

A GABA/benzodiazepine receptor complex from bovine brain: purification, reconstitution and immunological characterization. Schoch P, et al. **J Recept Res** 1984; 4(1-6):189-200

The purified GABA/benzodiazepine/barbiturate receptor complex: four types of ligand-binding sites, and the interactions between them, are preserved in a single isolated protein complex. Sigel E, et al. **J Recept Res** 1984; 4(1-6):175-88

METABOLISM

A study on benzodiazepine receptor binding in audiogenic seizure-susceptible rats. Tacke U, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Sep;55(3):252-9

Micromolar benzodiazepine binding sites of central type characteristics are present in the cerebral cortex of the rat. Lowenstein PR, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(4):441-3

Discrete regional distribution of biochemical markers for the dopamine, noradrenaline, serotonin, GABA and acetylcholine systems in the monkey brain (Cebus Apella). Effects of stress. Häggström JE, et al. **Acta Physiol Scand [Suppl]** 1984;534:1-27

Biochemical properties of the GABA/barbiturate/benzodiazepine receptor-chloride ion channel complex. Olsen RW, et al. **Adv Exp Med Biol** 1984; 175:205-19 (53 ref.)

Binding characteristics of 3H-flunitrazepam and CL-218,872 in cerebellum and cortex of C57B1 mice made tolerant to and dependent on phenobarbital or ethanol. Liljequist S, et al. **Alcohol** 1985 Mar-Apr;2(2):215-20

Neurotransmitter receptor alterations in Huntington's disease: autoradiographic and homogenate studies with special reference to benzodiazepine receptor complexes. Whitehouse PJ, et al. **Ann Neurol** 1985 Aug;18(2):202-10

The nature of 1,4-benzodiazepines/receptor interactions. Borea PA, et al. **Arzneimittelforsch** 1984;34(6):649-52

Pharmacodynamic investigation of (+/-)-salutaridine. Kardos J, et al. **Arzneimittelforsch** 1984;34(12):1758-9

Identification of GABA receptor binding sites in rat and rabbit uterus. Erdő SL. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):18-24

Benzodiazepine anticonvulsant action: gamma-aminobutyric acid-dependent modulation of the chloride ionophore. Lawrence LJ, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1130-7

Binding of GABA receptor channel drugs to a putative voltage-dependent chloride channel in Torpedo electric organ. Abalis IM, et al. **Biochem Pharmacol** 1985 Jul 15; 34(14):2579-82

Inhibition of [3H]GABA binding to rat brain synaptic membranes by bicuculline related alkaloids. Kardos J, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3537-45

Affinity of various ligands for benzodiazepine receptors in rat cerebellum and hippocampus. Sieghart W, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):4033-8

Pro- and anti-convulsant properties of PK 11195, a ligand for benzodiazepine binding sites: development of tolerance. File SE. **Br J Pharmacol** 1984 Oct;83(2):471-6

Analysis of benzodiazepine binding sites in rat pituitary gland. Anderson RA, et al. **Brain Res** 1984 Dec 10;323(2):369-73

Characteristics and distribution of muscimol binding sites in cat visual cortex. Needler MC, et al. **Brain Res** 1984 Aug 13;308(2):347-53

Characteristics of benzodiazepine receptor binding in living cultures of mouse cerebral cortex at physiologic temperature. Sher PK. **Brain Res** 1985 Jul;353(1):133-6

Benzodiazepine receptors and seizure susceptibility in epileptic fowl. Fisher TE, et al. **Can J Physiol Pharmacol** 1985 Feb;63(2):85-8

Quantitative assessment of GABA-uptake sites in the neural lobe by electron-microscopic autoradiography. Reisert I, et al. **Cell Tissue Res** 1985;241(3):581-4

The gamma-aminobutyric acid receptor in catfish brain. Mathis CA, et al. **Comp Biochem Physiol [C]** 1984; 78(2):479-81

Kinetics of receptor occupation and anticonvulsive effects of diazepam in rats. Igari Y, et al. **Drug Metab Dispos** 1985 Jan-Feb;13(1):102-6

Benzodiazepine receptors in the periaqueductal grey mediate anti-aversive drug action. Audi EA, et al. **Eur J Pharmacol** 1984 Aug 17;103(3-4):279-85

Differential regulation of 'central' and 'peripheral' benzodiazepine binding sites in the rat olfactory bulb. Bolger GT, et al. **Eur J Pharmacol** 1984 Oct 1; 105(1-2):143-8

Autoradiographic localisation of benzodiazepine receptors in the rat pituitary gland. Brown C, et al. **Eur J Pharmacol** 1984 Jul 20;102(3-4):563-4

Benzodiazepine receptor photoaffinity labeling: correlation of function with binding. Gibbs TT, et al. **Eur J Pharmacol** 1985 Apr 2;110(2):171-80

Benzodiazepine binding sites in human pineal gland. Lowenstein PR, et al. **Eur J Pharmacol** 1984 Nov 13; 106(2):399-403

Pretreatment with GABA and modulatory ligands enhances GABA receptor binding. Maksay G, et al. **Eur J Pharmacol** 1984 Sep 3;104(1-2):185-8

Photoaffinity labeling of benzodiazepine receptors with a partial inverse agonist. Möhler H, et al. **Eur J Pharmacol** 1984 Jun 15;102(1):191-2

Proconflict effect of benzodiazepine receptor inverse agonists and other inhibitors of GABA function. Petersen EN, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):91-7

Increase in nigral type II benzodiazepine recognition sites following striatonigral denervation. Porceddu ML, et al. **Eur J Pharmacol** 1985 Jun 7;112(2):265-7

High density of [3H]Ro 5-4864 'peripheral' benzodiazepine binding sites in the pineal gland. Quirion R. **Eur J Pharmacol** 1984 Jul 20;102(3-4):559-60

Endogenous inhibitors of 4'-[3H]chlorodiazepam (Ro 5-4864) binding to 'peripheral' sites for benzodiazepines. Mantione CR, et al. **FEBS Lett** 1984 Oct 15;176(1):69-74

Benzodiazepine binding sites in human myometrium. Ronca-Testoni S, et al. **Int J Tissue React** 1984;6(5):437-41

GABAA and GABAB receptors in detrusor strips from guinea-pig bladder dome. Maggi CA, et al. **J Auton Pharmacol** 1985 Mar;5(1):55-64

Synthesis and interaction of 5-(substituted-phenyl)-3-methyl-6,7-dihydropyrazolo[4,3 [1,4]diazepin-8(7H)-ones with benzodiazepine receptors in rat cerebral cortex. Baraldi PG, et al. **J Med Chem** 1985 May;28(5):683-5

Benzodiazepine receptor binding and anticonflict activity in a series of 3,6-disubstituted pyridazino[4,3-c]isoquinolines devoid of anticonvulsant properties. Toja E, et al. **J Med Chem** 1985 Sep;28(9):1314-9

Photoaffinity labeling of the GABAA receptor with [3H]muscimol. Cavalla D, et al. **J Neurochem** 1985 Mar; 44(3):916-21

Allosteric modulation of flunitrazepam binding to rat brain benzodiazepine receptors by methyl beta-carboline-3-carboxylate. Chiu TH, et al. **J Neurochem** 1985 Jan;44(1):306-9

gamma-Aminobutyric acid: temperature dependence in benzodiazepine receptor binding. Chweh AY, et al. **J Neurochem** 1985 Jul;45(1):240-3

Triazolam, an anomalous benzodiazepine receptor ligand: in vitro characterization of alprazolam and triazolam binding. Clow A, et al. **J Neurochem** 1985 Aug;45(2):621-5

Differential degradation of different benzodiazepine binding proteins by incubation of membranes from cerebellum or hippocampus with trypsin. Eichinger A, et al. **J Neurochem** 1985 Jul;45(1):219-26

Photoaffinity labeling of different benzodiazepine receptors at physiological temperature. Eichinger A, et al. **J Neurochem** 1984 Dec;43(6):1745-8

Existence of sites for anions and divalent cations in the solubilized gamma-aminobutyric acid/benzodiazepine receptor complex. Gavish M, et al. **J Neurochem** 1985 Sep;45(3):760-5

Photoaffinity labelling of benzodiazepine receptors: lack of effect on ligand binding to the nucleoside transport system. Hammond JR. **J Neurochem** 1985 Oct;45(4):1327-30

Medium isotope effect in [3H]diazepam binding to benzodiazepine receptors of synaptic membranes. Kardos J, et al. **J Neurochem** 1985 Aug;45(2):644-6

t-[3H]butylbicycloorthobenzoate: new radioligand probe for the gamma-aminobutyric acid-regulated chloride ionophore. Lawrence LJ, et al. **J Neurochem** 1985 Sep;45(3):798-804

Chloride ions preferentially mask high-affinity GABA binding sites. Madtes P Jr. **J Neurochem** 1984 Nov;43(5):1434-7

Benzodiazepine receptor and thyroid hormones: in vivo and in vitro modulation. Medina JH, et al. **J Neurochem** 1985 May;44(5):1340-4

Benzodiazepine receptor binding following amygdala-kindled convulsions: differing results in washed and unwashed brain membranes. Niznik HB, et al. **J Neurochem** 1984 Dec;43(6):1732-6

Avermectin B1a modulation of gamma-aminobutyric acid/benzodiazepine receptor binding in mammalian brain. Olsen RW, et al. **J Neurochem** 1985 Apr;44(4):1074-82

Solubilization and detergent effects on interactions of some drugs and insecticides with the t-butylbicyclophosphorothionate binding site within the gamma-aminobutyric acid receptor-ionophore complex. Seifert J, et al. **J Neurochem** 1985 Jan;44(1):110-6

Pre- versus postsynaptic localization of benzodiazepine and beta-carboline binding sites. Tietz EI, et al. **J Neurochem** 1985 May;44(5):1524-34

The picrotoxinin binding site and its relationship to the GABA receptor complex. White WF, et al. **J Neurochem** 1985 Mar;44(3):812-7

Modulation of [3H]diazepam binding in rat cortical membranes by GABAA agonists. Wong EH, et al. **J Neurochem** 1985 Apr;44(4):1162-7

Localization of type I benzodiazepine receptors to postsynaptic densities in bovine brain. Trifiletti RR, et al. **J Neurosci** 1985 Apr;5(4):1049-57

Increased number of brain benzodiazepine receptors after in-vivo administration of estazolam to rats. Mennini T, et al. **J Pharm Pharmacol** 1984 Sep;36(9):621-2

Benzodiazepines enhance the muscimol-dependent activation of phospholipase A2 in glioma C6 cells. Majewska MD, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):650-5

Effects of pentobarbital on t-[35S]butylbicyclophosphorothionate and [3H]flunitrazepam binding to membrane-bound and solubilized preparations from rat forebrain. Richter JA, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):125-33

The visualization of neuronal benzodiazepine receptors in the brain by autoradiography and immunohistochemistry. Richards JG, et al. **J Recept Res** 1984;4(1-6):657-69

Histidine modification with diethylpyrocarbonate induces a decrease in the binding of an antagonist, PK 11195, but not of an agonist, RO5-4864, of the peripheral benzodiazepine receptors. Bénavidès J, et al. **Life Sci** 1984 Sep 17;35(12):1249-56

Daily rhythms of benzodiazepine receptor numbers in frontal lobe and cerebellum of the rat. Brennan MJ, et al. **Life Sci** 1985 Jun 17;36(24):2333-7

Effect of GABA agonists on the neurotoxicity and anticonvulsant activity of benzodiazepines. Chweh AY, et al. **Life Sci** 1985 Feb 25;36(8):737-44

Chlorocyclohexane insecticides and male medfly attractants: similar stereospecificity for neuroactivity and interactions with a housefly [35S]t-butylbicyclophosphorothionate binding site. Cohen E, et al. **Life Sci** 1985 May 13;36(19):1837-42

Similar properties of [35S]t-butylbicyclophosphorothionate receptor and coupled components of the GABA receptor-ionophore complex in brains of human, cow, rat, chicken and fish. Cole LM, et al. **Life Sci** 1984 Oct 22;35(17):1755-62

Changes in the characteristics of low affinity GABA binding sites elicited by Ro15-1788. Concas A, et al. **Life Sci** 1985 Jan 28;36(4):329-37

Peripheral benzodiazepine binding sites in kidney: modifications by diabetes insipidus. Del Zompo M, et al. **Life Sci** 1984 Nov 19;35(21):2095-103

Benzodiazepine receptor binding in vivo with [3H]-Ro 15-1788. Goeders NE, et al. **Life Sci** 1985 Jul 29;37(4):345-55

Reduction of GABAB receptor binding induced by climbing fiber degeneration in the rat cerebellum. Kato K, et al. **Life Sci** 1985 Jul 22;37(3):279-88

Benzodiazepine receptors on human blood platelets. Moingeon P, et al. **Life Sci** 1984 Nov 12;35(20):2003-9

Benzodiazepines and their metabolites: relationship between binding affinity to the benzodiazepine receptor and pharmacological activity. Nakatsuka I, et al. **Life Sci** 1985 Jan 14;36(2):113-9

Modulation of acetylcholine release from rat striatal slices by the GABA/benzodiazepine receptor complex. Supavilai P, et al. **Life Sci** 1985 Feb 4;36(5):417-26

Amygdala kindled seizure stage is related to altered benzodiazepine binding site density. Tietz EI, et al. **Life Sci** 1985 Jan 14;36(2):183-90

Partial chemical characterization of cyclopyrrolones ([3H] suriclone) and benzodiazepines ([3H]flunitrazepam) binding site: differences. Zundel JL, et al. **Life Sci** 1985 Jun 10;36(23):2247-55

Kinetic differences between type I and type II benzodiazepine receptors. Trifiletti RR, et al. **Mol Pharmacol** 1984 Sep;26(2):228-40

Anxiolytic cyclopyrrolones zopiclone and suriclone bind to a novel site linked allosterically to benzodiazepine receptors. Trifiletti RR, et al. **Mol Pharmacol** 1984 Nov;26(3):458-69

Anxiolytic cyclopyrrolone drugs allosterically modulate the binding of [35S]t-butylbicyclophosphorothionate to the benzodiazepine/gamma-aminobutyric acid-A receptor/chloride anionophore complex. Trifiletti RR, et al. **Mol Pharmacol** 1984 Nov;26(3):470-6

Evidence for down-regulation of GABA receptors following long-term gamma-butyrolactone. Gianutsos G, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Nov;328(1):62-8

Modulation of specific [3H]phenytoin binding by benzodiazepines. Spero L. **Neurochem Res** 1985 Jun;10(6):755-65

Further characterization of [3H] flunitrazepam binding sites on cultured mouse astroglia. Tardy M, et al. **Neurochem Res** 1985 Jun;10(6):809-17

The GABA/benzodiazepine receptor complex in the nervous system of a hypertensive strain of rat. Tunnicliff G, et al. **Neurochem Res** 1984 Aug;9(8):1033-8

Central-type benzodiazepine binding sites in rat pituitary gland are of the BZ1 subtype. Anderson RA, et al. **Neuropharmacology** 1984 Nov;23(11):1331-4

A brain octadecaneuropeptide generated by tryptic digestion of DBI (diazepam binding inhibitor) functions as a proconflict ligand of benzodiazepine recognition sites. Ferrero P, et al. **Neuropharmacology** 1984 Nov;23(11):1359-62

Central benzodiazepine receptors in the spinal cord and other regions of the CNS of the cat. Luzzani F, et al. **Neuropharmacology** 1984 Oct;23(10):1137-40

Selective blockade of benzodiazepine receptors by Ro 15-1788 prevents foot shock-induced decrease of low affinity gamma-aminobutyric acid receptors. Corda MG, et al. **Neurosci Lett** 1985 May 23;56(3):265-9

Bicuculline-insensitive GABA receptors: studies on the binding of (-)-baclofen to rat cerebellar membranes. Drew CA, et al. **Neurosci Lett** 1984 Dec 21;52(3):317-21

[35S]tert.-butylbicyclophosphorothionate and avermectin bind to different sites associated with the gamma-aminobutyric acid-benzodiazepine receptor complex. Drexler G, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):273-7

gamma-Aminobutyric acidB receptors in the rat brain: quantitative autoradiographic localization using [3H](-)-baclofen. Gehlert DR, et al. **Neurosci Lett** 1985 May 14;56(2):183-8

Central type benzodiazepine binding sites: a positron emission tomography study in the baboon's brain. Hantraye P, et al. **Neurosci Lett** 1984 Jul 27;48(2):115-20

Differential localization of GABA-dependent and GABA-independent benzodiazepine binding sites within synapses of rat cerebral cortex. Kardos J, et al. **Neurosci Lett** 1984 Aug 10;48(3):355-9

Kinetic differences in GABA receptor binding following GABA and bicuculline methiodide pretreatment. Maksay G, et al. **Neurosci Lett** 1984 Oct 12;51(2):219-24

Enhancement of high affinity gamma-aminobutyric acid receptor binding in cerebellum of pyridoxine-deficient rat. Paulose CS, et al. **Neurosci Lett** 1984 Aug 10;48(3):311-6

Binding studies in the Lurcher mutant suggest an uneven distribution of putative benzodiazepine receptor subclasses in the mouse cerebellum. Sauer G, et al. **Neurosci Lett** 1984 Aug 10;48(3):333-8

Single class of muscimol binding sites in the solubilized gamma-aminobutyrate-benzodiazepine receptor complex. Korneyev AYa, et al. **Neuroscience** 1984 Dec;13(4):1347-52

Effects of seizures and antiepileptic drugs on benzodiazepine receptors in rat brain. Mimaki T, et al. **Pediatr Pharmacol (New York)** 1984;4(4):205-11

The development of type I and type II benzodiazepine receptors in the mouse cortex and cerebellum. Garrett KM, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):985-92

A pharmacokinetic study of CGS-8216, a benzodiazepine receptor ligand, in the rat. Lister RG, et al. **Psychopharmacology (Berlin)** 1984;84(3):420-2

Benzodiazepine receptor synthesis and degradation by neurons in culture. Borden LA, et al. **Science** 1984 Nov 16;226(4676):857-60

[Changes in benzodiazepine receptors in the limbic system following kindling of the olfactory bulb in rats] Ben Attia M, et al. **C R Soc Biol (Paris)** 1984;178(6):697-704 (Eng. Abstr.) **(Fre)**

[Benzodiazepine receptor and GABA receptor] Kuriyama K, et al. **Tanpakushitsu Kakusan Koso** 1984 Nov;29(12 Suppl):1317-27 (54 ref.) **(Jpn)**

[Tetrodotoxin competition with muscimol for the gamma-aminobutyric acid receptor] Kuznetsov VI, et al. **Farmakol Toksikol** 1985 Mar-Apr;48(2):38-40 (Eng. Abstr.) **(Rus)**

[Endogenous modulators of the sensitivity of the postsynaptic membranes of GABA-ergic brain synapses] Komissarov IV, et al. **Vestn Akad Med Nauk SSSR** 1984;(11):26-31 (21 ref.) (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Beta-carbolines can enhance or antagonize the effects of punishment in mice. Stephens DN, et al. **Psychopharmacology (Berlin)** 1985;85(2):143-7

PHYSIOLOGY

Role of the gamma-aminobutyric acid receptor-ionophore complex in seizure disorders. Olsen RW, et al. **Ann Neurol** 1984;16 Suppl:S90-7

GABAB receptor modulation of adenylate cyclase activity in rat brain slices. Hill DR. **Br J Pharmacol** 1985 Jan;84(1):249-57

GABA receptors mediate cerebral vasodilation in the unanesthetized goat. Alborch E, et al. **Brain Res** 1984 Oct 29;321(1):103-10

Spinal GABA receptors and central cardiovascular control. Gordon FJ. **Brain Res** 1985 Feb 25;328(1):165-9

Glucocorticoids are modulators of GABAA receptors in brain. Majewska MD, et al. **Brain Res** 1985 Jul 22;339(1):178-82

Interdependence of rostral and caudal ventrolateral medullary areas in the control of blood pressure. Willette RN, et al. **Brain Res** 1984 Oct 29;321(1):169-74

Modulation of synaptic GABA receptor binding by membrane phospholipids: possible role of active oxygen radicals. Yoneda Y, et al. **Brain Res** 1985 Apr 29;333(1):111-22

Heterogeneity of brain benzodiazepine receptors: effects of physiological conditions. Lippa AS, et al. **Brain Res Bull** 1985 Feb;14(2):189-95

gamma-Aminobutyric acid-ergic analgesia: implications for gamma-aminobutyric acid-ergic therapy for drug addictions. DeFeudis FV. **Drug Alcohol Depend** 1984 Oct;14(2):101-11

Evidence that a benzodiazepine receptor mechanism regulates the secretion of pituitary beta-endorphin in rats. Maiewski SF, et al. **Endocrinology** 1985 Aug;117(2):474-80

Potentiation of GABAA-receptor-mediated responses by barbiturates in the guinea-pig ileum. Ong J, et al. **Eur J Pharmacol** 1984 Aug 17;103(3-4):327-32

Neuronal mechanisms involved in drug-induced jumping behavior in mice. Ushijima I, et al. **Eur J Pharmacol** 1985 Jun 7;112(2):225-9

Evaluation of different GABA receptor agonists in the kindled amygdala seizure model in rats. Löscher W, et al. **Exp Neurol** 1985 Aug;89(2):454-60

Benzodiazepine receptor heterogeneity: possible molecular basis and functional significance. Gee KW, et al. **Fed Proc** 1984 Oct;43(13):2767-72 (44 ref.)

Recent studies on the brain benzodiazepine receptor. Waddington JL. **Ir J Med Sci** 1984 Aug;153(8):263-7 (26 ref.)

Differential coupling of GABA-A and GABA-B receptors to the noradrenergic system. Suzdak PD, et al. **J Neural Transm** 1985;62(1-2):77-89

Dissociation of [35S]t-butylbicyclophosphorothionate binding differentiates convulsant and depressant drugs that modulate GABAergic transmission. Maksay G, et al. **J Neurochem** 1985 Feb;44(2):480-6

GABA induces functionally active low-affinity GABA receptors on cultured cerebellar granule cells. Meier E, et al. **J Neurochem** 1984 Dec;43(6):1737-44

Modulation of neurotransmitter action: control of the gamma-aminobutyric acid response through the benzodiazepine receptor. Chan CY, et al. **J Neurosci** 1985 Sep;5(9):2365-73

Electrophysiological and pharmacological evidence that peripheral type benzodiazepine receptors are coupled to calcium channels in the heart. Mestre M, et al. **Life Sci** 1985 Jan 28;36(4):391-400

Discriminative stimulus properties of methyl 6,7-dimethoxy-4-ethyl-beta-carboline-3-carboxylate (DMCM), an inverse agonist at benzodiazepine receptors. Nielsen EB, et al. **Life Sci** 1985 Jan 7;36(1):15-23

Chronic antidepressants and GABA 'B' receptors: a GABA hypothesis of antidepressant drug action. Pilc A, et al. **Life Sci** 1984 Nov 19;35(21):2149-54

Convulsant potencies of tetrazoles are highly correlated with actions on GABA/benzodiazepine/picrotoxin receptor complexes in brain. Squires RF, et al. **Life Sci** 1984 Oct 1;35(14):1439-44

Evidence for GABA tolerance in barbiturate-dependent and withdrawn mice. Gray PL, et al. **Neuropharmacology** 1985 May;24(5):437-44

gamma-Aminobutyric acidA (GABAA) receptors modulate [3H]GABA release from isolated neuronal growth cones in the rat. Lockerbie RO, et al. **Neurosci Lett** 1985 Apr 19;55(3):273-7

Autoreceptors regulate gamma-[3H]aminobutyric acid release from the guinea pig small intestine. Taniyama K, et al. **Neurosci Lett** 1985 Apr 9;55(2):245-8

Pharmacological and ionic features of gamma-aminobutyric acid receptors influencing electrical properties of melanotrophs isolated from the rat pars intermedia. Taraskevich PS, et al. **Neuroscience** 1985 Jan;14(1):301-8

A homotaurine derivative reduces the voluntary intake of ethanol by rats: are cerebral GABA receptors involved? Boismare F, et al. **Pharmacol Biochem Behav** 1984 Nov; 21(5):787-9

The effect of repeated electroconvulsive shock on the function of THIP, a GABA agonist. Minchin MC, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):491-3

Regulation of 'peripheral-type' binding sites for benzodiazepines in the pineal gland. Weissman BA, et al. **Pharmacol Biochem Behav** 1984 Dec;21(6):821-4

gamma-Aminobutyric acid receptor channels in adrenal chromaffin cells: a patch-clamp study. Bormann J, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2168-72

GABAB-receptor-activated K+ current in voltage-clamped CA3 pyramidal cells in hippocampal cultures. Gähwiler BH, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1558-62

Involvement of central GABAergic receptors in the control over offensive and defensive behaviours in the rat. Depaulis A, et al. **Prog Clin Biol Res** 1984;167:249-64

Neural and molecular mechanisms in anxiety. Wolkowitz OM, et al. **Psychiatr Clin North Am** 1985 Mar;8(1):145-58 (60 ref.)

GABA dysfunction in the pathophysiology of tardive dyskinesia. Tamminga CA, et al. **Psychopharmacology [Suppl]** 1985;2:122-7

Functional coupling of gamma-aminobutyric acid receptors to chloride channels in brain membranes. Harris RA, et al. **Science** 1985 May 31;228(4703):1108-10

Benzodiazepine receptor-mediated chemotaxis of human monocytes. Ruff MR, et al. **Science** 1985 Sep 20; 229(4719):1281-3

[Cerebral GABAergic nerves and their function] Fan SG. **Sheng Li Ko Hsueh Chin Chan** 1984 Jan;15(1):41-5 **(Chi)**

[Growth hormone after baclofen in normal and acromegalic subjects] Morosini PP, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):27-31 (Eng. Abstr.) **(Ita)**

[Prolactin after baclofen in healthy subjects and prolactinoma patients] Morosini PP, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):33-8 (Eng. Abstr.) **(Ita)**

[Benzodiazepine and opiate receptor function in chronic alcoholization] Burov IuV, et al. **Vestn Akad Med Nauk SSSR** 1984;(11):20-6 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Radiation inactivation studies of the benzodiazepine/gamma-aminobutyric acid/chloride ionophore receptor complex. Schwartz RD, et al. **J Neurochem** 1985 Jul;45(1):108-15

[Action of a UHF field on GABA-ergic and acetylcholinergic systems in synaptic transmission] Akoev IG, et al. **Radiobiologiia** 1985 May-Jun;25(3):426-8 (Eng. Abstr.) **(Rus)**

RECEPTORS, GAMMA-AMINOBUTYRIC ACID see **RECEPTORS, GABA-BENZODIAZEPINE**

RECEPTORS, GLUCOCORTICOID see under **RECEPTORS, STEROID**

RECEPTORS, HISTAMINE

ANALYSIS

Altered calcium concentration and rabbit atrial H1-receptors. Light KE, et al. **Agents Actions** 1984 Dec;15(5-6):509-12

Histamine receptors in the cardiovascular system. Tsuru H. **Bibl Cardiol** 1984;(38):70-80 (65 ref.)

Molecular size of histamine H-1 receptor determined by target size analysis. Kuno T, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):639-44

ANTAGONISTS & INHIBITORS

[H2 receptor antagonists and intragastric acidity] Dammann HG, et al. **Dtsch Med Wochenschr** 1984 Nov 16; 109(46):1767-9 **(Ger)**

BIOSYNTHESIS

Pharmacologic effects of autacoids on subsets of T cells. Regulation of expression/function of histamine-2 receptors by a subset of suppressor cells. Khan MM, et al. **J Clin Invest** 1985 May;75(5):1578-83

DRUG EFFECTS

H1 and H2 histamine receptors in the in vitro nasal mucosa. Ichimura K, et al. **Acta Otolaryngol (Stockh)** 1985 May-Jun; 99(5-6):610-9

Apparent superiority of H2-receptor stimulation and simultaneous beta-blockade over conventional treatment with beta-sympathomimetic drugs in post-acute myocardial infarction: cardiac effects of impromidine--a new specific H2-receptor agonist-in the surviving catecholamine-insensitive myocardium. Baumann G, et al. **Agents Actions** 1984 Oct;15(3-4):216-28

Histamine H2-receptor agonists and antagonists on pancreatic exocrine secretion of the dog. Bertaccini G, et al. **Agents Actions** 1985 Apr;16(3-4):211-4

Effects of the H2-receptor agonist dimaprit on lymphocyte responsiveness in vitro. Binderup L. **Agents Actions** 1984 Oct;15(3-4):119-24

Central histaminergic stimulation of hyperlipemic response in rats under stress. Bugajski J, et al. **Agents Actions** 1985 Apr;16(3-4):236-9

Selective disappearance of histamine H2-receptor activity in the human gastric cancer cell line HGT-1 after short-term or chronic treatment by histamine or its H2-antagonists. Emami S, et al. **Agents Actions** 1985 Apr; 16(3-4):195-8

In vivo and in vitro anti-tumour activity of dimaprit. Fray A, et al. **Agents Actions** 1985 Apr;16(3-4):284-6

Effects of three histaminergic compounds on function and oxygen consumption of isolated guinea-pig hearts. Permanetter B, et al. **Agents Actions** 1985 Apr; 16(3-4):215-8

Quantification of H2-agonism by clonidine and dimaprit in an adenylate cyclase assay. Trist DG, et al. **Agents Actions** 1985 Apr;16(3-4):222-6

Lack of an effect of drugs acting at histamine receptors on norepinephrine-induced relaxation of porcine coronary arteries. Horst MA, et al. **Arch Int Pharmacodyn Ther** 1984 Dec;272(2):277-82

Theophylline interaction with H2 receptor antagonists [letter] Myerson RM, et al. **Arch Intern Med** 1984 Oct; 144(10):2094-5

Pharmacological characterization of histamine H2 receptors on clonal cytolytic T lymphocytes. Evidence for histamine-induced desensitization. Schreurs J, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3375-82

Antagonism by the tetramine disulfide benextramine of the inhibitory effects mediated by prejunctional alpha 2-adrenoceptors and by postjunctional histamine H2 receptors in the mouse vas deferens. Vohra MM, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1147-51

Macrocyclic polyamines as a possible chemical model for histamine H2-receptors. Kimura E, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3569-78

Actions of betahistine at histamine receptors in the brain. Arrang JM, et al. **Eur J Pharmacol** 1985 Apr 23; 111(1):73-84

Relative potencies of histamine H1-agonists on guinea-pig tracheal smooth muscle. Harrison RW, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):405-9

Direct cardiac actions of the H2 receptor agonists, impromidine and dimaprit. Pelc LR, et al. **Eur J Pharmacol** 1985 Jan 8;107(3):379-84

Inhibitory histamine H2-receptor in the guinea-pig urinary bladder. Taniyama K, et al. **Eur J Pharmacol** 1984 Oct 1;105(1-2):113-9

Involvement of H1- and H2-receptors in triple response to histamine in human volunteers. Patwardhan MD, et al. **Indian J Physiol Pharmacol** 1984 Oct-Dec;28(4):335-7

Histamine H1 and H2 effects on gastric acid and pepsin, heart rate and blood pressure in humans. Haggstrom GD, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):120-3

Adenosine selectively attenuates H2- and beta-mediated cardiac responses to histamine and norepinephrine: an unmasking of H1- and alpha-mediated responses. Hattori Y, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):215-23

Histamine H2 receptor desensitization in HL-60 human promyelocytic leukemia cells. Sawutz DG, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):1-7

A simple technique to simultaneously assess activity at histamine H1- and H2-receptors in vivo. Owen DA, et al. **J Pharmacol Methods** 1985 Jul;13(4):309-15

Influence of chronic lithium administration on binding to benzodiazepine- and histamine H1-receptors in rat brain. Reilly MA, et al. **J Recept Res** 1983-84;3(6):703-10

Tricyclic antidepressant drugs affect histamine receptors in human leukocytes. Sadava D, et al. **Life Sci** 1984 Dec 17; 35(25):2545-8

The discriminative stimulus properties of mepyramine. White JM. **Life Sci** 1985 Sep 23;37(12):1145-53

The involvement of histamine receptors in morphine-induced increased naloxone potency in mice. Wong CL. **Methods Find Exp Clin Pharmacol** 1985 Feb;7(2):69-74

N-ethylmaleimide-induced changes in agonist affinity for histamine H1-receptors in the guinea pig brain. Yeramian E, et al. **Mol Pharmacol** 1985 Aug;28(2):155-62

Effect of Ni2+ on the multiphasic positive inotropic responses to histamine mediated by H1-receptors in left atria of guinea pigs. Hattori Y, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Apr; 329(2):188-94

Histamine H2 receptor antagonists may modify dog intestinal motility independently of their primary action on the H2 receptors. Bertaccini G, et al. **Pharmacol Res Commun** 1985 Mar;17(3):241-54

Evidence for an indirect component of the action of histamine on canine portal vein. Bielkiewicz B, et al. **Pharmacology** 1984;29(4):233-40

Emerging strategies in ulcer therapy: pumps and receptors. Berglindh T, et al. **Scand J Gastroenterol [Suppl]** 1985; 108:7-14 (42 ref.)

[Central and cardiac histamine receptors involvement in the anti-arrhythmic effect of cimetidine] Li YS, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):248-51 (Eng. Abstr.) **(Chi)**

[Central and cardiac histamine receptors involvement in the anti-arrhythmic effect of cimetidine] Li YS, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):248-51 (Eng. Abstr.) **(Chi)**

[Pharmacology of astemizole (Hismanal) a non-sedating H1 antihistaminic] Niemegeers CJ. **Z Hautkr** 1985;60 Suppl 1:14-22 (Eng. Abstr.) **(Ger)**

[Effect of stimulation of beta-adrenergic and H2 receptors of polymorphonuclear granulocytes on the release of lysosomal enzymes in patients with hay fever before and after treatment with Pollinex] Wrzyszcz M, et al. **Pol Tyg Lek** 1985 Mar 25-31;40(12-13):377-9 **(Pol)**

GENETICS

Genetic heterogeneity of histamine H2-receptors in the mouse vas deferens. Calvete JA, et al. **Br J Pharmacol** 1984 Nov;83(3):723-31

IMMUNOLOGY

[Immune regulation by histamine receptor positive cells] Furusawa S, et al. **Arerugi** 1985 Jan;34(1):52-61 (Eng. Abstr.) **(Jpn)**

METABOLISM

On the presence of H1-receptors in various sections of guinea-pig heart: a correlation between binding and functional studies. Bennardini F, et al. **Agents Actions** 1984 Oct;15(3-4):167-71

Characterization of vascular histamine H1-receptors: multiple affinity states of aortic histamine H1-receptor. Carman-Kržan M. **Agents Actions** 1985 Apr;16(3-4):179-82

Histamine H1 receptors and affinity analyses in human nasal mucosa in cases of nasal allergy. Ishibe T, et al. **Ann Otol Rhinol Laryngol** 1985 Mar-Apr;94(2 Pt 1):186-90

Evidence that the antiestrogen binding site is a histamine or histamine-like receptor. Brandes LJ, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):905-10

Predominance of histamine H1 receptors on liver plasma membrane. Imoto M, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):885-9

Specific binding of [3H] mepyramine to histamine H1-receptors in the sarcolemma from porcine aorta and coronary artery. Nishimura J, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):594-601

Histamine H2 receptors on chondrocytes derived from human, canine and bovine articular cartilage. Taylor DJ, et al. **Biochem J** 1985 Jan 15;225(2):315-9

Characterization of histamine H-1 receptors on human peripheral lung. Casale TB, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3285-92

The binding of doxepin to histamine H1-receptors in guinea-pig and rat brain. Aceves J, et al. **Br J Pharmacol** 1985 Feb;84(2):417-24

Histamine H2 receptor activity during the differentiation of the human monocytic-like cell line U-937. Comparison with prostaglandins and isoproterenol. Gespach C, et al. **FEBS Lett** 1985 May 20;184(2):207-13

Differential photoaffinity labelling of serotonin-S2 receptors and histamine-H1 receptors using 7-azidoketanserin. Wouters W, et al. **FEBS Lett** 1985 Mar 25;182(2):291-6

Histamine H-1 binding site on human polymorphonuclear leukocytes. Wescott S, et al. **Inflammation** 1983 Sep; 7(3):291-300

Histamine receptors on leukocytes: the binding of histamine serum albumin conjugates is non-specific. Cohen MG, et al. **Int Arch Allergy Appl Immunol** 1985;76(1):9-15

Photoaffinity probes for serotonin and histamine receptors Synthesis and characterization of two azide analogues of ketanserin. Wouters W, et al. **J Biol Chem** 1985 Jul 15; 260(14):8423-9

Characterization and distribution of histamine H1- and H2-receptors in precapillary vessels. Marshall I. **J Cardiovasc Pharmacol** 1984;6 Suppl 4:S587-97 (106 ref.)

Specific 3H-cimetidine binding to receptors in the submandibular gland of the rat. Sim MK, et al. **Jpn J Pharmacol** 1985 Feb;37(2):203-6

Opiate and histamine H1 receptors are present on some substance P-containing dorsal root ganglion cells. Ninkovic M, et al. **Neurosci Lett** 1985 Jan 7;53(1):133-7

Autoradiographic localization of binding sites for [3H]histamine and H1- and H2-antagonists on cultured neurones and glial cells. Hösli E, et al. **Neuroscience** 1984 Nov;13(3):863-70

[A binding-site model for H2-antagonists of the 4-pyrimidinone type] Höltje HD, et al. **Arch Pharm (Weinheim)** 1985 Jun;318(6):542-8 (Eng. Abstr.) **(Ger)**

[Histamine] Watanabe T, et al. **Tanpakushitsu Kakusan Koso** 1984 Nov;29(12 Suppl):1443-58 (156 ref.) **(Jpn)**

PHYSIOLOGY

Effects of histamine and H1 and H2-receptor antagonists on the wet-dog-shaking episodes in rats induced with lithium chloride. Rajtar G, et al. **Acta Physiol Pol** 1984 Mar-Apr; 35(2):131-5

Relationship between 3H-histamine uptake and H2-receptors in the human promyelocytic leukemia cell line HL-60. Gespach C, et al. **Agents Actions** 1985 Apr;16(3-4):279-83

The effect of stimulation and blocking of histamine H2 receptors on the turnover of the serotonin in different parts of the alimentary tract and the brain of the rat. Skrzydło-Radomańska B, et al. **Agents Actions** 1985 Apr; 16(3-4):183-6

HeLa cells have histamine H1-receptors which mediate activation of the K+ conductance. Hazama A, et al. **Biochim Biophys Acta** 1985 May 30;845(2):249-53

Role of H2 receptors in the central and peripheral effects of prostacyclin [PGI2] on circulatory system in rats. Krzeminski T, et al. **Biomed Biochim Acta** 1984; 43(8-9):S199-202

Histaminergic H1 and H2 receptors do not mediate cortisol release in response to naloxone in normal men. Coiro V, et al. **Biomed Pharmacother** 1984;38(7):358-60

Regional variation in the sensitivity of longitudinal smooth muscle to histamine at H1-receptors in guinea-pig ileum and colon. Barker LA. **Br J Pharmacol** 1985 Jun; 85(2):377-81

An update on histamine receptors and the gastrointestinal tract. Hirschowitz BI. **Dig Dis Sci** 1985 Oct; 30(10):998-1004 (73 ref.)

Desensitization by histamine of H2 receptor-mediated adenylate cyclase activation in the human gastric cancer cell line HGT-1. Prost A, et al. **FEBS Lett** 1984 Nov 19; 177(2):227-30

Effect of H1 and H2 agonists on the chemiluminescence of human blood mononuclear cells induced by phytohaemagglutinin. Meretey K, et al. **Immunopharmacology** 1985 Jun;9(3):175-80

Role of adrenergic and histaminergic systems in clonidine-induced inhibition of the pinnal reflex in mice [letter] Singh PP, et al. **Indian J Physiol Pharmacol** 1984 Apr-Jun;28(2):173-6

Histamine modulates contraction and cyclic nucleotides in cultured rat mesangial cells. Differential effects mediated by histamine H1 and H2 receptors. Sedor JR, et al. **J Clin Invest** 1985 May;75(5):1679-89

Histamine H1 receptor participation in the control of prolactin secretion in postpartum. Messinis IE, et al. **J Endocrinol Invest** 1985 Apr;8(2):143-6

Norepinephrine and histamine potentiate the increases in cyclic adenosine 3':5'-monophosphate elicited by vasoactive intestinal polypeptide in mouse cerebral cortical slices: mediation by alpha 1-adrenergic and H1-histaminergic receptors. Magistretti PJ, et al. **J Neurosci** 1985 Feb;5(2):362-8

H2-receptors in exercise-induced asthma [letter] Thomson NC. **Lancet** 1984 Sep 29;2(8405):748

A role for histamine and histamine H2-receptors in non-opiate footshock-induced analgesia. Hough LB, et al. **Life Sci** 1985 Mar 4;36(9):859-66

Evidence for the existence of histamine H1- and H2-receptors on astrocytes of cultured rat central nervous system. Hösli L, et al. **Neurosci Lett** 1984 Aug 10; 48(3):287-91

The role of histamine H1 and H2 receptors in the canine kidney. Radke KJ, et al. **Renal Physiol** 1985;8(2):100-11

[The importance of histaminergic H1 and H2 receptors for the contractile effect of histamine on human umbilical veins] Atanacković D, et al. **Jugosl Ginekol Opstet** 1984 May-Aug;24(3-4):51-3 (Eng. Abstr.) **(Scr)**

RECEPTORS, HISTAMINE H1 see under **RECEPTORS, HISTAMINE**

RECEPTORS, HISTAMINE H2 see under **RECEPTORS, HISTAMINE**

RECEPTORS, HORMONE see **RECEPTORS, ENDOGENOUS SUBSTANCES**

RECEPTORS, IMMUNOLOGIC

Sugar specificity of the receptor of rat thymocytes in rosette formation with guinea pig erythrocytes. Oka H, et al. **Cell Immunol** 1984 Nov;89(1):235-41

Basophil immunoglobulin receptors in asthmatics under immunoscanning electron microscopy. Kimura I, et al. **Clin Allergy** 1985 Jan;15(1):9-15

Receptors and deceptors in asthma. Sceptor RS, et al. **J Asthma** 1984;21(5):343-5

Effect of age on different receptors and functions of phagocytic cells. Bongrand P, et al. **J Clin Lab Immunol** 1984 Sep;15(1):45-50

Signals and signal processing--II. Aspects of ligand binding to non-antigen receptors. **Mol Immunol** 1984 Dec; 21(12):1143-276

Binding of N-formylated chemotactic peptides in crystals of the Mcg light chain dimer: similarities with neutrophil receptors. Edmundson AB, et al. **Mol Immunol** 1985 Apr; 22(4):463-75

Signals and signal processing--II. Aspects of ligand binding to non-antigen receptors. Gergely J, et al. **Mol Immunol** 1984 Dec;21(12):1143-5

Compound receptors in the cell membrane: ruminations from the borderland of immunology and physiology. Simonsen M, et al. **Prog Allergy** 1985;36:151-76 (38 ref.)

Mononuclear phagocyte receptors in rhesus monkeys (Macaca mulatta) and their role in hemolytic disease of the newborn. Stong RC, et al. **Vet Immunol Immunopathol** 1984 Sep;7(2):101-17

[P-fimbriae receptor interaction. New discoveries in pyelonephritis and urinary sepsis] Källenius G, et al. **Lakartidningen** 1985 Apr 10;82(15):1349-52 **(Swe)**

ANALYSIS

Occurrence and some characteristics of the IgG receptors of the small intestinal mucosa: in vitro experiments. Baintner K, et al. **Acta Vet Hung** 1984;32(3-4):181-6

Chronic lymphocytic leukemia B-lymphocytes forming SRBC-rosettes not due to an anti-SRBC activity of monoclonal surface immunoglobulin. Herrmann F, et al. **Am J Clin Pathol** 1985 Feb;83(2):249-53

A new competition assay for the solubilized hepatic galactosyl receptor. Ray DA, et al. **Anal Biochem** 1985 Feb 15;145(1):37-46

Developmental regulation of the hepatocyte receptor for galactose-terminated glycoproteins. Petell JK, et al. **Arch Biochem Biophys** 1985 Sep;241(2):550-60

Parallel examination of receptors of malignant lymphoma cells using combined tests with mouse erythrocytes and monoclonal VIB-C5 antibody or polyvalent serum against human immunoglobulins. Krawczyk-Kuliś M, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(2):155-60

Phosphorylation of the rat hepatocyte asialoglycoprotein receptor. Takahashi T, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1054-60

Covalent affinity labeling, detergent solubilization, and fluid-phase characterization of the rabbit neutrophil formyl peptide chemotaxis receptor. Marasco WA, et al. **Biochemistry** 1985 Apr 23;24(9):2227-36

Studies on interleukin 2 receptor expression and IL-2 production by murine T cell lymphomas. Diamantstein T, et al. **Br J Cancer** 1985 Jan;51(1):23-30

Expression of laminin receptor in normal and carcinomatous human tissues as defined by a monoclonal antibody. Hand PH, et al. **Cancer Res** 1985 Jun;45(6):2713-9

Identification of phorbol ester binding activity in the particulate and soluble fractions of human fetal tissues. Deilhaug T, et al. **Carcinogenesis** 1985 Jan;6(1):127-30

Tumor promoter 12-O-tetradecanoylphorbol-13-acetate receptors in normal human transitional epithelial cells. Verma AK, et al. **Carcinogenesis** 1985 Mar;6(3):427-32

Glycolipid receptor for human migration inhibitory factor: fucose and sialic acid are important for the human monocyte response to migration inhibitory factor. Liu DY, et al. **Cell Immunol** 1985 Feb;90(2):539-46

Receptors for thymosin alpha 1 on mouse thymocytes. Rinaldi Garaci C, et al. **Cell Immunol** 1985 Mar; 91(1):289-93

Saturable, high-avidity monocyte receptors for monomeric IgG and Fc fragments increase in SLE and lyme disease. Hardin JA, et al. **Clin Exp Rheumatol** 1983 Oct-Dec; 1(4):327-32

Effect of human tumor antigens on the active E-rosette-forming test (ARFT): a new diagnostic method for cancer. Wang K. **Clin Immunol Immunopathol** 1984 Oct; 33(1):1-12

Interleukin-2 receptors on activated malignant and normal B-cells. Waldmann TA, et al. **Curr Top Microbiol Immunol** 1984;113:96-101

The Leishmania receptor for macrophages is a lipid-containing glycoconjugate. Handman E, et al. **EMBO J** 1985 Feb;4(2):329-36

Monoclonal antibodies to the human laminin receptor recognize structurally distinct sites. Liotta LA, et al. **Exp Cell Res** 1985 Jan;156(1):117-26

Localization of chemotactic peptide receptors on rabbit neutrophils. Walter RJ, et al. **Exp Cell Res** 1984 Oct; 154(2):613-8

Hyperasialoglycoproteinemia in patients with chronic liver diseases and/or liver cell carcinoma. Asialoglycoprotein receptor in cirrhosis and liver cell carcinoma. Sawamura T, et al. **Gastroenterology** 1984 Dec;87(6):1217-21

Number and affinity of receptors for IgE on enriched populations of isolated rat intestinal mast cells. Lee TD, et al. **Immunology** 1985 Jun;55(2):363-6

Location and distribution of a receptor for the 987P pilus of Escherichia coli in small intestines. Dean EA, et al. **Infect Immun** 1985 Feb;47(2):345-8

Down-regulation of peripheral blood cell interferon receptors in chronic myelogenous leukemia patients undergoing human interferon (HuIFN alpha) therapy. Maxwell BL, et al. **Int J Cancer** 1985 Jul 15;36(1):23-8

Biological effects of gamma-interferon on human tumor cells: quantity and affinity of cell membrane receptors for gamma-IFN in relation to growth inhibition and induction of HLA-DR expression. Ucer U, et al. **Int J Cancer** 1985 Jul 15;36(1):103-8

Induction of IL-2 production, IL-2 receptor expression and proliferation of T3- T-PLL cells by phorbol ester. Vyth-Dreese FA, et al. **Int J Cancer** 1984 Dec 15; 34(6):831-8

Phorbol ester receptors-insights into the initial events in the mechanism of action of the phorbol esters. Blumberg PM, et al. **Int Symp Princess Takamatsu Cancer Res Fund** 1983; 14:75-87 (38 ref.)

Interferon receptors and interferon binding. Chany C. **Interferon** 1984;3:11-32 (128 ref.)

Functional size of the human asialoglycoprotein receptor as determined by radiation inactivation. Schwartz AL, et al. **J Biol Chem** 1984 Oct 10;259(19):12025-9

Identification of asparagine-linked oligosaccharides involved in tumor cell adhesion to laminin and type IV collagen. Dennis JW, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1416-23

Asymmetric distribution of the chemotactic peptide receptor on polymorphonuclear leukocytes. Sullivan SJ, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1461-7

Partial restoration of impaired interleukin-2 production and Tac antigen (putative interleukin-2 receptor) expression in patients with acquired immune deficiency syndrome by isoprinosine treatment in vitro. Tsang KY, et al. **J Clin Invest** 1985 May;75(5):1538-44

Proliferation of thymic stem cells with and without receptors for interleukin 2. Implications for intrathymic antigen recognition. Lugo JP, et al. **J Exp Med** 1985 May 1; 161(5):1048-62

Interleukin 2 receptors on human B cells. Implications for the role of interleukin 2 in human B cell function. Muraguchi A, et al. **J Exp Med** 1985 Jan 1;161(1):181-97

Low and high affinity cellular receptors for interleukin 2. Implications for the level of Tac antigen. Robb RJ, et al. **J Exp Med** 1984 Oct 1;160(4):1126-46

Expression of interleukin 2 receptors on activated human B cells. Waldmann TA, et al. **J Exp Med** 1984 Nov 1; 160(5):1450-66

Activated B cells express receptors for, and proliferate in response to, pure interleukin 2. Zubler RH, et al. **J Exp Med** 1984 Oct 1;160(4):1170-83

Activation of virus specific CTL clones: antigen-dependent regulation of interleukin 2 receptor expression. Andrew ME, et al. **J Immunol** 1985 Feb;134(2):920-5

Structural and functional characterization of IL 2 receptors on activated human B cells. Boyd AW, et al. **J Immunol** 1985 Apr;134(4):2387-92

Differential effect of anti-beta 2-microglobulin on IL 2 production and IL 2 receptor expression in the primary mixed lymphocyte culture reaction. Chouaib S, et al. **J Immunol** 1985 Feb;134(2):940-8

A beta-glucan inhibitable receptor on human monocytes: its identity with the phagocytic receptor for particulate activators of the alternative complement pathway. Czop JK, et al. **J Immunol** 1985 Apr;134(4):2588-93

Deactivation of guinea pig pulmonary alveolar macrophage responses to N-formyl-methionyl-leucyl-phenylalanine: chemotaxis, superoxide generation, and binding. Daughaday CC, et al. **J Immunol** 1985 Mar;134(3):1823-6

The characteristics of binding of human recombinant interferon-gamma to its receptor on human monocytes and human monocyte-like cell lines. Finbloom DS, et al. **J Immunol** 1985 Jul;135(1):300-5

Developmentally controlled expression of IL 2 receptors and of sensitivity to IL 2 in a subset of embryonic thymocytes. Hardt C, et al. **J Immunol** 1985 Jun;134(6):3891-4

The murine lymphocyte receptor for IgE. III. Use of chemical cross-linking reagents to further characterize the B lymphocyte Fc epsilon receptor. Lee WT, et al. **J Immunol** 1985 Jan;134(1):518-25

Antigenic stimulation regulates the expression of IL 2 receptors in a cytolytic T lymphocyte clone. Lowenthal JW, et al. **J Immunol** 1985 Feb;134(2):931-9

Activated human B cells display a functional IL 2 receptor. Mittler R, et al. **J Immunol** 1985 Apr;134(4):2393-9

Unusual expression of IL 2 receptors and both the c-myb and c-raf oncogenes in T cell lines and clones derived from autoimmune MRL-lpr/lpr mice. Rosenberg YJ, et al. **J Immunol** 1985 May;134(5):3120-3

Differential binding of chemoattractant peptide to subpopulations of human neutrophils. Seligmann B, et al. **J Immunol** 1984 Nov;133(5):2641-6

Rosetting techniques to detect cell surface markers on mouse and human lymphoreticular cells. Elliott BE, et al. **Methods Enzymol** 1984;108:49-64

T cells with receptors for IgD. Coico RF, et al. **Nature** 1985 Aug 22-28;316(6030):744-6

Immune-recognition of Schistosoma mansoni primary sporocysts may require specific receptors on Biomphalaria glabrata hemocytes. Bayne CJ, et al. **Parasite Immunol** 1984 Nov;6(6):519-28

Oxidation of leukotrienes at the omega end: demonstration of a receptor for the 20-hydroxy derivative of leukotriene B4 on human neutrophils and implications for the analysis of leukotriene receptors. Clancy RM, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5729-33

Attachment of an anti-receptor antibody to non-target cells renders them susceptible to lysis by a clone of cytotoxic T lymphocytes. Kranz DM, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7922-6

Defective polymorphonuclear leukocyte migration in AIDS [letter] Ras GJ, et al. **S Afr Med J** 1985 Aug 31;68(5):292-3

Quantification of soluble E-receptor in the serum of patients with various diseases and its accompanying in vitro immunosuppression in neoplasia. Oh SK, et al. **Scand J Immunol** 1985 Jul;22(1):51-60

[Receptors for human interferon] Eid P. **Pathol Biol (Paris)** 1984 Sep;32(7):747-9 **(Fre)**

[Clinico-immunological evaluation of T cells bearing IgG Fc receptors in brain tumor patients] Kawamoto K, et al. **Gan To Kagaku Ryoho** 1985 Aug;12(8):1606-11 (Eng. Abstr.) **(Jpn)**

[Immunologic characterization of hairy-cell leukemia or tricholeukemia] San Miguel JF, et al. **Sangre (Barc)** 1984; 29(3):280-6 (Eng. Abstr.) **(Spa)**

BIOSYNTHESIS

Differentiation stimuli induce receptors for plasma fibronectin on the human myelomonocytic cell line HL-60. Pommier CG, et al. **Blood** 1984 Oct;64(4):858-66

Common and pre-B acute lymphoblastic leukemia cells express interleukin 2 receptors, and interleukin 2 stimulates in vitro colony formation. Touw I, et al. **Blood** 1985 Sep;

66(3):556–61

Interleukin 2 receptor (Tac antigen) expression in HTLV–I–associated adult T–cell leukemia. Waldmann TA, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4559s–4562s

Cell–free synthesis and co–translational processing of the human asialoglycoprotein receptor. Breitfeld PP, et al. **Eur J Biochem** 1985 Jul 15;150(2):409–14

Regulation of interleukin 2 (IL2) receptor expression: IL2 as an inducing signal for the expression of its own receptor on a murine T helper cell line. Bismuth G, et al. **Eur J Immunol** 1985 Jul;15(7):723–7

Development of specific surface receptors recognizing mannose–terminal glycoconjugates in cultured monocytes: a possible early marker for differentiation of monocyte into macrophage. Kataoka M, et al. **Exp Hematol** 1985 Jan; 13(1):44–50

Transcription and translation dependent induction of interleukin 2 (IL–2) and IL–2 receptors. Wang Y, et al. **Immunol Lett** 1984;8(4):227–31

Induction of expression and phosphorylation of the human interleukin 2 receptor by a phorbol diester. Shackelford DA, et al. **J Biol Chem** 1984 Oct 10;259(19):11706–12

T cell growth factor required for optimal induction of T cell growth factor receptor expression in phytohemagglutinin–stimulated T cells. Reeves WG, et al. **J Biol Response Mod** 1985 Feb;4(1):83–95

Interleukin 2 upregulates expression of its receptor on a T cell clone. Malek TR, et al. **J Exp Med** 1985 Jun 1; 161(6):1575–80

Rat lymphoid cell lines producing human T cell leukemia virus. II. Constitutive expression of rat interleukin 2 receptor. Yodoi J, et al. **J Exp Med** 1985 May 1; 161(5):924–34

Age–dependent loss of dimeric immunoglobulin A receptors in the liver of the Fischer 344 rat. Daniels CK, et al. **J Immunol** 1985 Jun;134(6):3855–8

Induction of IL 2 receptor expression and cytotoxicity of thymocytes by stimulation with TCF1. Falk W, et al. **J Immunol** 1985 Aug;135(2):1160–4

The tumor promoter teleocidin induces IL 2 receptor expression and IL 2–independent proliferation of human peripheral blood T cells. Isakov N, et al. **J Immunol** 1985 Oct;135(4):2343–50

The murine IL 2 receptor. III. Cellular requirements for the induction of IL 2 receptor expression on T cell subpopulations. Malek TR, et al. **J Immunol** 1985 Apr; 134(4):2405–13

Increase in cytosolic free calcium concentration is an intracellular messenger for the production of interleukin 2 but not for expression of the interleukin 2 receptor. Mills GB, et al. **J Immunol** 1985 Mar;134(3):1640–3

Induction of high affinity IL 2 receptors on B cells responding to anti–Ig and T cell–derived helper factors. Prakash S, et al. **J Immunol** 1985 Jul;135(1):117–22

Monoclonal antibody OKT11A inhibits and recombinant interleukin 2 (IL 2) augments expression of IL 2 receptors at a pretranslational level. Reed JC, et al. **J Immunol** 1985 Oct;135(4):2478–82

Suppression of interleukin 2 receptor acquisition by monoclonal antibodies recognizing the 50 KD protein associated with the sheep erythrocyte receptor on human T lymphocytes. Reed JC, et al. **J Immunol** 1985 Mar; 134(3):1631–9

Regulation by interleukin 2 of interleukin 2 receptors and gamma–interferon synthesis by human thymocytes: augmentation of interleukin 2 receptors by interleukin 2. Reem GH, et al. **J Immunol** 1985 Feb;134(2):953–8

Comparison of the expression of IL 2 receptors by human T and B cells: induction by the polyclonal mitogens, phorbol myristate acetate, and anti–mu antibody. Suzuki T, et al. **J Immunol** 1985 May;134(5):3111–9

IL 2 receptor induction on human T lymphocytes: role for IL 2 and monocytes. Wakasugi H, et al. **J Immunol** 1985 Jul;135(1):321–7

TCGF (IL 2)–receptor inducing factor(s). I. Regulation of IL 2 receptor on a natural killer–like cell line (YT cells). Yodoi J, et al. **J Immunol** 1985 Mar;134(3):1623–30

Induction of receptors for interleukin 2 requires T cell Ag:Ia receptor crosslinking and interleukin 1. Kaye J, et al. **Lymphokine Res** 1984 Summer;3(4):175–82

Biosynthetic processing of human interleukin–2 receptor (Tac antigen). Wano Y, et al. **Microbiol Immunol** 1985; 29(5):451–66

Studies on the interleukin–2 receptor, its generation and dynamics using monoclonal anti–interleukin–2 receptor antibodies. Diamantstein T, et al. **Mol Immunol** 1984 Dec; 21(12):1229–36

BLOOD

Detergent solubilization of human neutrophil leukotriene B4 receptors. Lin AH, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):878–83

DRUG EFFECTS

Binding and neutralization of bacterial lipopolysaccharide by colistin nonapeptide. Warren HS, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):107–12

Interleukin–2 apparently upregulates its receptor and induces proliferation of various resting mononuclear leukocytes in the absence of antigen. Williams JM, et al. **Cell Immunol** 1985 Sep;94(2):383–93

Inhibition of the receptor for interleukin–2 induced by carbimazole: relevance for the therapy of autoimmune thyroid disease. Signore A, et al. **Clin Exp Immunol** 1985 Apr;60(1):111–6

Phorbol ester–induced expression and function of the interleukin 2 receptor in human B lymphocytes. Ando I, et al. **Eur J Immunol** 1985 Apr;15(4):341–4

Tumor promoter phorbol esters induce unresponsiveness to antigen and expression of interleukin 2 receptor on T cells. Ando I, et al. **Eur J Immunol** 1985 Feb;15(2):196–9

Effects of sodium on chemotactic peptide binding to polymorphonuclear leukocytes. Zigmond SH, et al. **J Immunol** 1985 Jul;135(1):531–6

Chlorpromazine inhibits neutrophil chemotaxis beyond the chemotactic receptor–ligand interaction. Lohr KM, et al. **J Infect Dis** 1984 Nov;150(5):643–52

Effects of interferon alpha on the sheep erythrocyte 'receptor' of human lymphocytes. Fuhlbrigge RC, et al. **J Interferon Res** 1984 Fall;4(4):499–505

Effects of iron loading and bacillus Calmette–Guerin on a glycoprotein recognition system on rat hepatic sinusoidal cells. Parise ER, et al. **J Lab Clin Med** 1984 Dec; 104(6):908–20

GENETICS

Plasmid–determined cloacin DF13–susceptibility in Enterobacter cloacae and Klebsiella edwardsii; identification of the cloacin DF13/aerobactin outer membrane receptor proteins. Krone WJ, et al. **Antonie Van Leeuwenhoek** 1985;51(2):203–18

Sequence homologies in the control regions of c–myc, c–fos, HTLV and the interleukin–2 receptor. Renan MJ. **Cancer Lett** 1985 Aug;28(1):69–76

Isolation and expression of complementary DNAs encoding the human interleukin 2 receptor. Greene WC, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4563s–4567s

Molecular cloning of cDNA for the human interleukin–2 receptor. Greene WC, et al. **Hamatol Bluttransfus** 1985; 29:388–95

Genetic determination of the cytolytic T lymphocyte receptor repertoire. Sherman LA. **Hamatol Bluttransfus** 1985;29:471–6

Aerobactin iron transport genes commonly encoded by certain ColV plasmids occur in the chromosome of a human invasive strain of Escherichia coli K1. Valvano MA, et al. **Infect Immun** 1984 Oct;46(1):159–67

Nucleotide sequence of the gene for the vitamin B12 receptor protein in the outer membrane of Escherichia coli. Heller K, et al. **J Bacteriol** 1985 Mar;161(3):904–8

Cloning and expression of the gene for the vitamin B12 receptor protein in the outer membrane of Escherichia coli. Heller K, et al. **J Bacteriol** 1985 Mar;161(3):896–903

Aerobactin iron uptake sequences in plasmid ColV–K30 are flanked by inverted IS1–like elements and replication regions. Perez–Casal JF, et al. **J Bacteriol** 1984 Oct; 160(1):256–65

Locus affecting regulation of the colicin I receptor by iron. Worsham PL, et al. **J Bacteriol** 1985 Jan;161(1):428–31

Host–mediated selection of influenza virus receptor variants. Sialic acid–alpha 2,6Gal–specific clones of A/duck/Ukraine/1/63 revert to sialic acid–alpha 2,3Gal–specific wild type in ovo. Rogers GN, et al. **J Biol Chem** 1985 Jun 25;260(12):7362–7

Dexamethasone increases expression of mannose receptors and decreases extracellular lysosomal enzyme accumulation in macrophages. Shepherd VL, et al. **J Biol Chem** 1985 Jan 10;260(1):160–4

Sequence of human asialoglycoprotein receptor cDNA. An internal signal sequence for membrane insertion. Spiess M, et al. **J Biol Chem** 1985 Feb 25;260(4):1979–82

Stable expression of cDNA encoding the human interleukin 2 receptor in eukaryotic cells. Greene WC, et al. **J Exp Med** 1985 Jul 1;162(1):363–8

Lymphoid tumors displaying rearrangements of both immunoglobulin and T cell receptor genes. Pelicci PG, et al. **J Exp Med** 1985 Sep 1;162(3):1015–24

Nucleotide sequence and expression of a mouse interleukin 2 receptor cDNA. Miller J, et al. **J Immunol** 1985 Jun; 134(6):4212–7

Cloning, sequence and expression of human interleukin–2 receptor. Cosman D, et al. **Nature** 1984 Dec 20–1985 Jan 2;312(5996):768–71

Molecular cloning and expression of cDNAs for the human interleukin–2 receptor. Leonard WJ, et al. **Nature** 1984 Oct 18–24;311(5987):626–31

Molecular cloning of cDNA encoding human interleukin–2 receptor. Nikaido T, et al. **Nature** 1984 Oct 18–24; 311(5987):631–5

Thymocyte subpopulation enriched for progenitors with an unrearranged T–cell receptor beta–chain gene. Trowbridge IS, et al. **Nature** 1985 Jun 20–26;315(6021):666–9

Nucleotide sequence of mouse IL–2 receptor cDNA and its comparison with the human IL–2 receptor sequence. Shimuzu A, et al. **Nucleic Acids Res** 1985 Mar 11; 13(5):1505–16

Interleukin 2 (IL–2) augments transcription of the IL–2 receptor gene. Depper JM, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4230–4

Rat liver asialoglycoprotein receptor lacks a cleavable NH2–terminal signal sequence. Holland EC, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7338–42

Interleukin 2 receptor gene expression in normal human T lymphocytes. Leonard WJ, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6281–5

Genes encoding the T–cell receptor alpha and beta subunits are transcribed in an ordered manner during intrathymic ontogeny. Royer HD, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5510–4

Deregulation of interleukin–2 receptor gene expression in HTLV–I–induced adult T–cell leukemia. Krönke M, et al. **Science** 1985 Jun 7;228(4704):1215–7

Localization of the gene encoding the human interleukin–2 receptor on chromosome 10. Leonard WJ, et al. **Science** 1985 Jun 28;228(4707):1547–9

The interleukin–2 receptor gene is cloned [news] Marx JL. **Science** 1984 Nov 30;226(4678):1064–5

Cellular origin of hairy cell leukemia: malignant B cells that express receptors for T cell growth factor. Korsmeyer SJ, et al. **Semin Oncol** 1984 Dec;11(4):394–400

IMMUNOLOGY

Immunization of mice with the fibronectin–binding protein and clumping factor from Staphylococcus aureus: antibody response and resistance against intraperitoneal infection. Espersen F, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1985 Apr; 93(2):53–8

Granulocyte and lymphocyte membrane receptors in aseptic meningitis, infectious mononucleosis and other viral infections. Naess A, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1985 Feb; 93(1):37–41

IgE receptors on macrophages: biological significance. Joseph M, et al. **Agents Actions** 1985 Mar;16(1–2):27–9

Changes in the expression of SRBC receptors on human lymphocytes caused by azathioprine and puromycine. Drela N. **Arch Immunol Ther Exp (Warsz)** 1984; 32(5):565–76

Escherichia coli and human neutrophils. Effect of bacterial supernatant with hemolysin activity upon chemotaxin receptors. Pruett TL, et al. **Arch Surg** 1985 Feb; 120(2):212–6

Enhanced tyrosine phosphorylation in B lymphocytes upon complexing of membrane immunoglobulin. Nel AE, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):859–66

Interleukin 2 receptor expressing T cells during acute allergy [letter] Pichler WJ, et al. **Clin Allergy** 1985 Mar;15(2):211–2

On the partial suppression of IL–2 receptor expression and the prevention of lectin–induced lymphoblast formation by cyclosporine A. Solbach W, et al. **Clin Exp Immunol** 1985 Jun;60(3):501–8

Immunohistochemical localization of cells reacting with monoclonal antibodies directed against the interleukin–2 receptor of murine, rat and human origin. Takacs L, et al. **Clin Exp Immunol** 1985 Jan;59(1):37–44

Characterization of a monoclonal rat anti–mouse interleukin 2 (IL–2) receptor antibody and its use in the biochemical characterization of the murine IL–2 receptor. Gaulton GN, et al. **Clin Immunol Immunopathol** 1985 Jul;36(1):18–29

Parathyroid hormone as a uremic toxin: its influence on T lymphocyte receptors [letter] Giacchino F, et al. **Clin Nephrol** 1985 Feb;23(2):105–6

Expression of interleukin 2 receptor on murine fetal thymocytes. Habu S, et al. **Eur J Immunol** 1985 May; 15(5):456–60

Detection and localization by the monoclonal anti–interleukin 2 receptor antibody AMT–13 of IL 2 receptor–bearing cells in the developing thymus of the mouse embryo and in the thymus of cortisone–treated mice. Takacs L, et al. **Eur J Immunol** 1984 Dec;14(12):1152–6

The signal for tolerance in B cells is not transmitted through antigen–specific immunoglobulin receptors. Aldo–Benson M. **Fed Proc** 1985 May;44(8):2493–6

Secretory component: the polymeric immunoglobulin receptor. What's in it for the gastroenterologist and hepatologist? Ahnen DJ, et al. **Gastroenterology** 1985 Sep; 89(3):667–82 (163 ref.)

A monoclonal antibody 7G7/B6, binds to an epitope on the human interleukin–2 (IL–2) receptor that is distinct from that recognized by IL–2 or anti–Tac. Rubin LA, et al. **Hybridoma** 1985 Summer;4(2):91–102

Identification with monoclonal antibodies of different regions of human plasma fibronectin, including that which interacts with human monocyte fibronectin receptors. Czop JK, et al. **Immunology** 1985 Mar;54(3):407–17

Stimulation of interleukin–3 dependent cell growth by specific antibody. Kinnaird A, et al. **Immunology** 1985 Jul; 55(3):457–61

Detection and characterization of monoclonal antibodies specific to IgE receptors on human lymphocytes by flow cytometry. Rector E, et al. **Immunology** 1985 Jul; 55(3):481–8

Protection against Escherichia coli–induced urinary tract infections with hybridoma antibodies directed against type 1 fimbriae or complementary D–mannose receptors. Abraham SN, et al. **Infect Immun** 1985 Jun;48(3):625–8

Production of Listeria–specific rat T–cell clones and role of interleukin–2 receptors in regulation of Listeria–dependent T–cell clone growth in vitro. Stolpmann RM, et al. **Infect Immun** 1985 Mar;47(3):822–6

Monocyte receptors for fibronectin characterized by a monoclonal antibody that interferes with receptor activity. Hosein B, et al. **J Exp Med** 1985 Jul 1;162(1):157–70

Administration of an anti–interleukin 2 receptor monoclonal antibody prolongs cardiac allograft survival in mice. Kirkman RL, et al. **J Exp Med** 1985 Jul 1;162(1):358–62

Activation of human thymocytes via the 50KD T11 sheep erythrocyte binding protein induces the expression of interleukin 2 receptors on both T3+ and T3– populations. Fox DA, et al. **J Immunol** 1985 Jan;134(1):330–5

Lipopolysaccharide receptors on lymphocytes. I. Lack of immunologic recognition of a putative LPS receptor on LPS-responder lymphocytes by LPS-nonresponder mice. Goodman SA, et al. **J Immunol** 1985 Sep;135(3):1906–10

Interleukin 2 receptor dysfunction in mice undergoing a graft-vs-host reaction. Joseph LJ, et al. **J Immunol** 1985 Sep;135(3):1846–50

Antibodies to common leukocyte antigen p220 influence human T cell proliferation by modifying IL 2 receptor expression. Ledbetter JA, et al. **J Immunol** 1985 Sep; 135(3):1819–25

Influence of accessory cell and T cell surface antigens on mitogen-induced IL 2 receptor expression. Malek TR, et al. **J Immunol** 1985 Sep;135(3):1826–33

Mechanism of accessory cell requirement in inducing IL 2 responsiveness by human T4 lymphocytes that generate colonies under PHA stimulation. Oudrhiri N, et al. **J Immunol** 1985 Sep;135(3):1813–8

Human blood B lymphocytes with receptors for sheep erythrocytes—their relevance in techniques to obtain T cells depleted of mature B cells. Lobo PI. **J Immunol Methods** 1984 Nov 16;74(1):105–13

Stimulated lymphoid cells of B lineage, but not plasma or myeloid cells, can express E receptor. Mills KH, et al. **Leuk Res** 1985;9(3):375–80

A monoclonal anti-tac antibody may interfere with receptor binding of interleukin 2. Taniguchi N, et al. **Lymphokine Res** 1982;1(4):107–12

T3-Ti receptor triggering of T8+ suppressor T cells leads to unresponsiveness to interleukin-2. Bensussan A, et al. **Nature** 1984 Oct 11–17;311(5986):565–7

Human interleukin-2 promotes proliferation of activated B cells via surface receptors similar to those of activated T cells. Mingari MC, et al. **Nature** 1984 Dec 13–19; 312(5995):641–3

Expression and function of interleukin-2 receptors on immature thymocytes. Raulet DH. **Nature** 1985 Mar 7–13; 314(6006):101–3

Receptors in immunology. Gmelig Meyling FH. **Neth J Med** 1985;28(2):63–8 (41 ref.)

Retrovirus-induced expression of interleukin 2 receptors on cells of human B-cell lineage. Sugamura K, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7441–5

Modulation of the expression of Tac antigen (T-cell growth factor response) on human thymocytes. Yeh NH, et al. **Thymus** 1984;6(4):255–61

[Preliminary report on preparation of monoclonal antibody against E receptor] Zhao YL, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Feb; 6(1):73–5 (Eng. Abstr.) **(Chi)**

[Interrelation of immune and mediator lymphocyte receptors in mice] Ado AD, et al. **Biull Eksp Biol Med** 1985 May; 99(5):589–90 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Purification of human interleukin 2 to apparent homogeneity and partial characterization of its receptor. Fagnani R, et al. **Anal Biochem** 1984 Nov 1;142(2):487–96

Isolation and characterization of a specific receptor for biologically active phorbol and ingenol esters. Shoyab M, et al. **Arch Biochem Biophys** 1984 Oct;234(1):197–205

Identification and isolation of a 140 kd cell surface glycoprotein with properties expected of a fibronectin receptor. Pytela R, et al. **Cell** 1985 Jan;40(1):191–8

Purification and characterization of a receptor for the 987P pilus of Escherichia coli. Dean EA, et al. **Infect Immun** 1985 Jan;47(1):98–105

Solubilization and partial characterization of the intestinal receptor for Escherichia coli heat-stable enterotoxin. Dreyfus LA, et al. **Infect Immun** 1984 Nov;46(2):537–43

Isolation and structural characterization of the equine erythrocyte receptor for enterotoxigenic Escherichia coli K99 fimbrial adhesin. Smit H, et al. **Infect Immun** 1984 Nov;46(2):578–84

Phase separation of the receptor for immunoglobulin E and its subunits in Triton X-114. Alcaraz G, et al. **J Biol Chem** 1984 Dec 10;259(23):14922–7

Purification and properties of the alpha-interferon receptor of human lymphoblastoid (Namalva) cells. Traub A, et al. **J Biol Chem** 1984 Nov 25;259(22):13872–7

Affinity chromatography of protein kinase C-phorbol ester receptor on polyacrylamide-immobilized phosphatidylserine. Uchida T, et al. **J Biol Chem** 1984 Oct 25;259(20):12311–4

Detection and characterization of high affinity plasma membrane receptors for human interleukin 1. Dower SK, et al. **J Exp Med** 1985 Aug 1;162(2):501–15

Purification and chemical characterization of the receptor for interleukin 2 from activated human T lymphocytes and from a human T-cell lymphoma cell line. Urdal DL, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6481–5

Presence of laminin receptors in Staphylococcus aureus. Lopes JD, et al. **Science** 1985 Jul 19;229(4710):275–7

[Studies on E-receptors II. Purification of E-receptors with affinity chromatography] Cui LX, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Oct; 6(5):318–20 (Eng. Abstr.) **(Chi)**

[Abnormal (constitutive) expression of interleukin 2 receptor (Tac Ag) in adult T-cell leukemia cells] Uchiyama T, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):685–91 **(Jpn)**

[Purification and various properties of asialoglycoprotein receptors from the mouse liver] Bystrova NK, et al. **Biokhimiia** 1985 Jun;50(6):992–7 (Eng. Abstr.) **(Rus)**

METABOLISM

Appearance of the mannose-specific receptor on chicken and mouse bone marrow macrophages. Rossi G, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:107–14

Carbohydrate-specific adhesion of bacteria to thin-layer chromatograms: a rationalized approach to the study of host cell glycolipid receptors. Hansson GC, et al. **Anal Biochem** 1985 Apr;146(1):158–63

Method for selective labeling of cholera toxin binding region. Battistini A, et al. **Ann Ist Super Sanita** 1983;19(2–3):379–83

Comparison of the binding of chicken alpha-macroglobulin and ovomacroglobulin to the mammalian alpha 2-macroglobulin receptor. Feldman SR, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):267–75

Endocytosis of bovine lactoperoxidase by two carbohydrate-specific receptors in rat liver. Hildenbrandt GR, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):1–10

Characterization of phorbol diester binding to isolated cardiac myocytes. Limas CJ. **Arch Biochem Biophys** 1985 Apr;238(1):300–4

Modulation of the expression of interleukin 2 receptors of human thymocytes by recombinant interleukin 2. Reem GH, et al. **Arch Biochem Biophys** 1985 Jun;239(2):455–61

Inhibition of protein kinase activity of phorboid and ingenoid receptor by di(adenosine-5')oligophosphate. Shoyab M. **Arch Biochem Biophys** 1985 Jan;236(1):441–4

Long-chain fatty acyl-coenzyme A's activate both the ligand-binding and protein kinase activities of phorboid and ingenoid receptor. Shoyab M. **Arch Biochem Biophys** 1985 Jan;236(1):435–40

Reduction by N-(6-aminohexyl)-5-chloro-1-naphthalenesulfonamide (W-7), a calmodulin antagonist, in the number of phorbol ester receptors in mouse skin. Nishino H, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):726–30

Lack of evidence for liver lectins functioning as IgM or IgG-Fc-receptors. Tsagurnis J, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1002–9

Phosphorylation of the human asialoglycoprotein receptor. Schwartz AL. **Biochem J** 1984 Oct 15;223(2):481–6

Effects of pimozide and penfluridol on the binding and endocytosis of alpha 2-macroglobulin-CH3NH2 by mouse peritoneal macrophages. Key KA, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3712–4

Purification and characterization of frog alpha-macroglobulin: receptor recognition of an amphibian glycoprotein. Feldman SR, et al. **Biochemistry** 1985 May 7;24(10):2569–75

Different modes of ligand binding to the hepatic galactose/N-acetylgalactosamine lectin on the surface of rabbit hepatocytes. Hardy MR, et al. **Biochemistry** 1985 Jan 1;24(1):22–8

Specificity of chicken liver carbohydrate binding protein. Kuhlenschmidt TB, et al. **Biochemistry** 1984 Jul 31; 23(16):3569–75

New synthetic cluster ligands for galactose/N-acetylgalactosamine-specific lectin of mammalian liver. Lee RT, et al. **Biochemistry** 1984 Aug 28;23(18):4255–61

Intensity and kinetics of the respiratory burst of human neutrophils in relation to receptor occupancy and rate of occupation by formylmethionylleucylphenylalanine. De Togni P, et al. **Biochim Biophys Acta** 1985 Jan 28; 838(1):12–22

Mechanism of desensitization of neutrophil response to N-formylmethionylleucylphenylalanine by slow rate of receptor occupancy. Studies on changes in Ca2+ concentration and phosphatidylinositol turnover. De Togni P, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):23–31

Inhibition of the endocytic pathway for asialoglycoprotein catabolism. Harford J, et al. **Biol Cell** 1984;51(2):173–9

GalNAc/Gal-specific rat liver lectins: their role in cellular recognition. Kolb-Bachofen V, et al. **Biol Cell** 1984; 51(2):219–26

Fluid phase and mannose receptor-mediated uptake of horseradish peroxidase in mouse bone marrow-derived macrophages. Biochemical and ultrastructural study. Lang T, et al. **Biol Cell** 1985;53(2):149–54

Mannose-specific oligosaccharide recognition by mononuclear phagocytes. Stahl PD, et al. **Biol Cell** 1984; 51(2):215–8

IgG receptor expression during in vitro ageing of erythrocytes. Klinger M, et al. **Biomed Biochim Acta** 1984; 43(6):S88–90

Regulation of receptors and digestive activity toward synthesized formyl-chemotactic peptide in human polymorphonuclear leukocytes. Nunoi H, et al. **Blood** 1985 Jul;66(1):106–14

Characterization of a laminin receptor from human breast carcinoma tissue. Barsky SH, et al. **Breast Cancer Res Treat** 1984;4(3):181–8

Phorbol ester binding to chemotactically responding and nonresponding Walker 256 carcinosarcoma cells. Clarke PR, et al. **Cancer Res** 1984 Nov;44(11):4967–71

Characterization of the growth inhibition induced by tumor-promoting phorbol esters and of their receptor binding in A549 human lung carcinoma cells. Gescher A, et al. **Cancer Res** 1985 Sep;45(9):4315–21

Highly lipophilic phorbol esters as inhibitors of specific [3H]phorbol 12,13-dibutyrate binding. Sharkey NA, et al. **Cancer Res** 1985 Jan;45(1):19–24

Inhibition of receptor-mediated release of arachidonic acid by pertussis toxin. Bokoch GM, et al. **Cell** 1984 Dec;39(2 Pt 1):301–8

Interaction of fibronectin with its receptor on platelets. Gardner JM, et al. **Cell** 1985 Sep;42(2):439–48

Transmembrane delivery of polypeptide growth factors bypassing the intrinsic cell surface receptors: synthesis and biological activity of a conjugate of epidermal growth factor with alpha 2-macroglobulin. Ito F, et al. **Cell Struct Funct** 1984 Jun;9(2):105–15

Topology of asialoglycoprotein receptor in rat liver subcellular fractions: a ferritin immunoelectron microscopic study. Nakada H, et al. **Cell Struct Funct** 1984 Dec; 9(4):391–406

Fibronectin and its relation to the basal lamina and to the cell surface in the chicken blastoderm. Harrisson F, et al. **Cell Tissue Res** 1985;241(2):391–7

The hepatic asialoglycoprotein receptor. Schwartz AL. **CRC Crit Rev Biochem** 1984;16(3):207–33 (131 ref.)

Kinetics of internalisation and degradation of surface-bound interferon in human lymphoblastoid cells. Evans T, et al. **EMBO J** 1984 Dec 1;3(12):2975–8

A cycloheximide-resistant pool of receptors for asialoglycoproteins and mannose 6-phosphate residues in the Golgi complex of hepatocytes. Geuze HJ, et al. **EMBO J** 1984 Nov;3(11):2677–85

Receptor dynamics of closely related ligands: 'fast' and 'slow' interferons. Uzé G, et al. **EMBO J** 1985 Jan;4(1):65–70

Evidence that desialylation and uptake by hepatic receptors for galactose-terminated glycoproteins are immaterial to the metabolism of human choriogonadotropin in the rat. Lefort GP, et al. **Endocrinology** 1984 Oct;115(4):1551–7

Biosynthesis of the O9 antigen of Escherichia coli. Synthetic glycosyldiphosphomoraprenols as probes for requirement of mannose acceptors. Jann K, et al. **Eur J Biochem** 1985 Sep 2;151(2):393–7

Sensitivity to alpha/beta-interferon is independent of N-linked complex-type oligosaccharides on cell-surface-membrane glycoproteins. Parker J, et al. **Eur J Biochem** 1985 Sep 16;151(3):651–5

Complementary adhesive responses of human skin fibroblasts to the cell-binding domain of fibronectin and the heparan sulfate-binding protein, platelet factor-4. Beyth RJ, et al. **Exp Cell Res** 1984 Dec;155(2):537–48

Response of cultured rat liver epithelial cell lines to tumour-promoting phorbol esters. Ljubimov AV, et al. **Exp Cell Res** 1985 Feb;156(2):311–26

Low level transport of IgA to bile via the asialoglycoprotein receptor. Schiff JM, et al. **FEBS Lett** 1985 Mar 11; 182(1):85–9

Specificities of acylglycerols and phospholipids for interaction with phorbol ester receptor on Friend leukemia cells. Tanaka K, et al. **Gann** 1985 Jun;76(6):502–7

Comparison of receptors for cholera and Escherichia coli enterotoxins in human intestine. Holmgren J, et al. **Gastroenterology** 1985 Jul;89(1):27–35

Degradative intracellular transport of antisecretory component in cultured hepatocytes. An alternate pathway for the immunoglobulin A receptor. Kim E, et al. **Gastroenterology** 1985 Jun;88(6):1791–8

Analysis of membrane and cytosolic phorbol ester receptors. Blumberg PM, et al. **IARC Sci Publ** 1984;(56):139–56

A phorbol ester-binding inhibitory factor from human placenta. Partial purification, characterization and biological effects. Hamel E, et al. **IARC Sci Publ** 1984; (56):157–64

Specific lipid components in membrane receptors of 12-O-tetradecanoylphorbol-13-acetate as revealed by direct photoaffinity labelling. Hergenhahn M, et al. **IARC Sci Publ** 1984;(56):165–75

Inhibition of human neutrophil receptor-mediated uptake of N-formyl-met-leu-phe by platelet factor 4 (59–70). Goldman DW, et al. **Immunology** 1985 Jan;54(1):163–72

A cluster of five genes specifying the aerobactin iron uptake system of plasmid ColV-K30. Carbonetti NH, et al. **Infect Immun** 1984 Oct;46(1):7–12

Multiple forms of genes in pyelonephritogenic Escherichia coli encoding adhesins binding globoseries glycolipid receptors. Hull S, et al. **Infect Immun** 1985 Jan;47(1):80–3

Heterologous receptor population for a chemotactic factor F-Met-Leu-Phe on the human neutrophil. Effect of pH and temperature. Mehta J, et al. **Inflammation** 1983 Sep; 7(3):301–9

Uptake of sialo and asialo transferrins by isolated rat hepatocytes. Comparison of a heterologous and a homologous system. Dekker CJ, et al. **Int J Biochem** 1985; 17(6):701–6

Intracellular transport of a newly synthesized asialoglycoprotein receptor in rat liver. Nakada H, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):341–51

Glycosylation of a receptor specific for asialoglycoproteins in rat liver. Nakada H, et al. **J Biochem (Tokyo)** 1984 Nov; 96(5):1609–17

Synthetic peptides competitively inhibit both direct binding to fibroblasts and functional biological assays for the purified cell-binding domain of fibronectin. Akiyama SK, et al. **J Biol Chem** 1985 Sep 5;260(19):10402–5

Processing of the formyl peptide receptor by HL–60 cells. Anderson R, et al. **J Biol Chem** 1984 Nov 10; 259(21):13309–15

Direct evidence for the transmembrane orientation of the hepatic glycoprotein receptors. Chiacchia KB, et al. **J Biol Chem** 1984 Dec 25;259(24):15440–6

Recycling of the asialoglycoprotein receptor in isolated rat hepatocytes. ATP depletion blocks receptor recycling but not a single round of endocytosis. Clarke BL, et al. **J Biol Chem** 1985 Jan 10;260(1):128–33

Binding of Escherichia coli to fibronectin. A mechanism of tissue adherence. Fröman G, et al. **J Biol Chem** 1984 Dec 10;259(23):14899–905

Demonstration of high affinity fibronectin receptors on rat hepatocytes in suspension. Johansson S. **J Biol Chem** 1985 Feb 10;260(3):1557–61

The human receptor for T-cell growth factor. Evidence for variable post-translational processing, phosphorylation, sulfation, and the ability of precursor forms of the receptor to bind T-cell growth factor. Leonard WJ, et al. **J Biol Chem** 1985 Feb 10;260(3):1872–80

Binding of human recombinant 125I-interferon gamma to receptors on human cells. Littman SJ, et al. **J Biol Chem** 1985 Jan 25;260(2):1191–5

Asparagine-linked oligosaccharides on formyl peptide chemotactic receptors of human phagocytic cells. Malech HL, et al. **J Biol Chem** 1985 Feb 25;260(4):2509–14

Coupling of the guanine nucleotide regulatory protein to chemotactic peptide receptors in neutrophil membranes and its uncoupling by islet-activating protein, pertussis toxin. A possible role of the toxin substrate in Ca2+-mobilizing receptor-mediated signal transduction. Okajima F, et al. **J Biol Chem** 1985 Jun 10;260(11):6761–8

Characterization of receptors for immune interferon in U937 cells with 32P-labeled human recombinant immune interferon. Rashidbaigi A, et al. **J Biol Chem** 1985 Jul 15; 260(14):8514–9

Dexamethasone increases expression of mannose receptors and decreases extracellular lysosomal enzyme accumulation in macrophages. Shepherd VL, et al. **J Biol Chem** 1985 Jan 10;260(1):160–4

Chemoattractant receptor-induced hydrolysis of phosphatidylinositol 4,5-bisphosphate in human polymorphonuclear leukocyte membranes. Requirement for a guanine nucleotide regulatory protein. Smith CD, et al. **J Biol Chem** 1985 May 25;260(10):5875–8

Characterization of human beta-interferon-binding sites on human cells. Thompson MR, et al. **J Biol Chem** 1985 Jan 10;260(1):563–7

Activators of protein kinase C and 5-azacytidine induce IL–2 receptor expression on human T lymphocytes. Depper JM, et al. **J Cell Biochem** 1985;27(3):267–76

Phospholipid and Ca++ dependency of phorbol ester receptors. König B, et al. **J Cell Biochem** 1985;27(3):255–65

Formyl peptide chemotaxis receptors on the rat neutrophil: experimental evidence for negative cooperativity. Marasco WA, et al. **J Cell Biochem** 1985;27(4):359–75

Interaction of the 70,000-mol-wt amino-terminal fragment of fibronectin with the matrix-assembly receptor of fibroblasts. McKeown-Longo PJ, et al. **J Cell Biol** 1985 Feb;100(2):364–74

Lymphocyte mechanical response triggered by cross-linking surface receptors. Pasternak C, et al. **J Cell Biol** 1985 Mar; 100(3):860–72

Relationship of actin polymerization and depolymerization to light scattering in human neutrophils: dependence on receptor occupancy and intracellular Ca++. Sklar LA, et al. **J Cell Biol** 1985 Sep;101(3):1161–6

Effect of lysosomotropic amines on the secretory pathway and on the recycling of the asialoglycoprotein receptor in human hepatoma cells. Strous GJ, et al. **J Cell Biol** 1985 Aug;101(2):531–9

Single high affinity binding of interferon alpha 2 to receptors on human lymphoblastoid cells: internalization and inactivation of receptors. Faltynek CR, et al. **J Cell Physiol** 1985 Jun;123(3):459–66

Chemotactic factor binding by metastatic tumour cells: evidence for a formyl-peptide receptor on a non-myelogenous cell. Marasco WA, et al. **J Cell Sci** 1985 Feb;73:121–34

Human macrophage activation. Modulation of mannosyl, fucosyl receptor activity in vitro by lymphokines, gamma and alpha interferons, and dexamethasone. Mokoena T, et al. **J Clin Invest** 1985 Feb;75(2):624–31

Receptor mechanisms of the neonatal intestine and their relationship to immunoglobulin absorption and disease. Staley TE, et al. **J Dairy Sci** 1985 Jan;68(1):184–205 (91 ref.)

Expression of interleukin 2 receptors and binding of interleukin 2 by gamma interferon-induced human leukemic and normal monocytic cells. Herrmann F, et al. **J Exp Med** 1985 Sep 1;162(3):1111–6

Fibronectin receptor of human macrophages recognizes the sequence Arg-Gly-Asp-Ser. Wright SD, et al. **J Exp Med** 1985 Aug 1;162(2):762–7

125I-labelled human interferons alpha, beta and gamma: comparative receptor-binding data. Merlin G, et al. **J Gen Virol** 1985 May;66 (Pt 5):1149–52

Regulation of interleukin 2 receptor expression: effects of phorbol diester, phospholipase C, and reexposure to lectin or antigen. Depper JM, et al. **J Immunol** 1984 Dec; 133(6):3054–61

Mechanisms of human T cell response to mitogens: IL 2 induces IL 2 receptor expression and proliferation but not IL 2 synthesis in PHA-stimulated T cells. Katzen D, et al. **J Immunol** 1985 Sep;135(3):1840–5

Defective cell-mediated immunity in leprosy: failure of T cells from lepromatous leprosy patients to respond to Mycobacterium leprae is associated with defective expression of interleukin 2 receptors and is not reconstituted by interleukin 2. Mohagheghpour N, et al. **J Immunol** 1985 Aug;135(2):1443–9

Studies on cell binding and internalization of human lymphoblastoid (Namalva) interferon. Feinstein S, et al. **J Interferon Res** 1985 Winter;5(1):65–76

Receptors for human alpha interferon: are gangliosides involved? Gupta SL, et al. **J Interferon Res** 1984 Summer; 4(3):305–14

Metabolism of glycosylated human salivary amylase: in vivo plasma clearance by rat hepatic endothelial cells and in vitro receptor mediated pinocytosis by rat macrophages. Niesen TE, et al. **J Leukocyte Biol** 1984 Sep;36(3):307–20

Human T-cell growth factor: purification and interaction with a cellular receptor. Robb RJ. **Lymphokine Res** 1982; 1(2):37–43

Differential effects of experimental hyperlipidemia on various types of rabbit peripheral blood lymphocyte receptors. Skopińska-Różewska E, et al. **Mech Ageing Dev** 1985 Feb; 29(2):111–6

Assessment of receptor recycling in mammalian hepatocytes: perspectives based on current techniques. Harford J, et al. **Methods Enzymol** 1985;109:232–46

Analysis of the structure and function of the receptor for immunoglobulin E. Metzger H, et al. **Mol Immunol** 1984 Dec;21(12):1167–73

Expression of interleukin-2 receptors as a differentiation marker on intrathymic stem cells. Ceredig R, et al. **Nature** 1985 Mar 7–13;314(6006):98–100

Similarities between interleukin-2 receptor number and affinity on activated B and T lymphocytes. Lowenthal JW, et al. **Nature** 1985 Jun 20–26;315(6021):669–72

Microvillus membrane differentiation: quantitative difference in cholera toxin binding to the intestinal surface of newborn and adult rabbits. Bresson JL, et al. **Pediatr Res** 1984 Oct; 18(10):984–7

Biological activity of liposome-encapsulated murine interferon gamma is mediated by a cell membrane receptor. Eppstein DA, et al. **Proc Natl Acad Sci USA** 1985 Jun; 82(11):3688–92

The receptor for immunoglobulin E on rat basophilic leukemia cells: effect of ligand binding on receptor expression. Furuichi K, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1522–5

Scavenger receptor-mediated recognition of maleyl bovine plasma albumin and the demaleylated protein in human monocyte macrophages. Haberland ME, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2693–7

Murine interferon-beta receptor-mediated endocytosis and nuclear membrane binding. Kushnaryov VM, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3281–5

Association of the N-formyl-Met-Leu-Phe receptor in human neutrophils with a GTP-binding protein sensitive to pertussis toxin. Lad PM, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):869–73

Variants of the cell recognition site of fibronectin that retain attachment-promoting activity. Pierschbacher MD, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):5985–8

Leukotriene B4 binding to human neutrophils. Lin AH, et al. **Prostaglandins** 1984 Dec;28(6):837–49

Regulatory mechanisms of a chemoattractant receptor on human polymorphonuclear leukocytes. Snyderman R. **Rev Infect Dis** 1985 May–Jun;7(3):390–4

Placental trophoblastic membrane surface receptors to some maternal plasma proteins. Lubega J. **Ric Clin Lab** 1984 Jul–Sep;14(3):553–9

Lymphocyte proliferation, lymphokine production, and lymphocyte receptors in ageing and various clinical conditions. de Weck AL, et al. **Springer Semin Immunopathol** 1984;7(4):273–89 (114 ref.)

Antibodies to chromosome 21 coded cell surface components block binding of human alpha interferon but not gamma interferon to human cells. Shulman LM, et al. **Virology** 1984 Sep;137(2):422–7

PHYSIOLOGY

Macrophage signal recognition. Weir DM. **Agents Actions** 1984 Aug;15(1–2):2–11

Function of IG receptors in B-cell triggering. Ratcliffe MJ, et al. **Ann Immunol (Paris)** 1984 Jul–Aug;135D(1):73–9 (27 ref.)

Pseudomonas pili. Studies on antigenic determinants and mammalian cell receptors. Paranchych W, et al. **Antibiot Chemother** 1985;36:49–57

The influence of cellular ATP levels on receptor-mediated endocytosis and degradation of asialo-glycoproteins in suspended hepatocytes. Tolleshaug H, et al. **Biochem Pharmacol** 1985 May 15;34(10):1639–45

The phorbol ester receptor: a phospholipid-regulated protein kinase. Ashendel CL. **Biochim Biophys Acta** 1985 Sep 9; 822(2):219–42 (228 ref.)

Receptor-mediated endocytosis of alpha 2-macroglobulin and transferrin in rat caput epididymal epithelial cells in vitro. Djakiew D, et al. **Biol Reprod** 1984 Dec; 31(5):1073–85

Macrophage glycolipid receptors for human migration inhibitory factor (MIF): differentiated HL–60 cells exhibit MIF responsiveness and express surface glycolipids which both bind MIF and convert nonresponsive cells to responsiveness. Liu DY, et al. **Cell Immunol** 1985 Feb; 90(2):605–13

Characterization of the in vitro interaction of PNAhi lymphocytes with the bone marrow and hepatic asialoglycoprotein receptors. Samlowski WE, et al. **Cell Immunol** 1985 Oct 1;95(1):1–14

Studies on the liver sequestration of lymphocytes bearing membrane-associated galactose-terminal glycoconjugates: reversal with agents that effectively compete for the asialoglycoprotein receptor. Samlowski WE, et al. **Cell Immunol** 1984 Oct 15;88(2):309–22

The laminin receptor and basement membrane dissolution: role in tumour metastasis. Liotta LA, et al. **Ciba Found Symp** 1984;108:146–62

Receptors for T-cell growth factor: structure, function and expression on normal and neoplastic cells. Greene WC, et al. **Contemp Top Mol Immunol** 1985;10:1–34 (205 ref.)

Receptor-mediated endocytosis of alpha 2-macroglobulin by principal cells in the proximal caput epididymidis in vivo. Djakiew D, et al. **J Androl** 1985 May–Jun;6(3):190–6

Fibronectin mediates Treponema pallidum cytadherence through recognition of fibronectin cell-binding domain. Thomas DD, et al. **J Exp Med** 1985 Mar 1;161(3):514–25

Distinction between antigen receptor and IL 2 receptor triggering events in the activation of alloreactive T cell clones with calcium ionophore and phorbol ester. Albert F, et al. **J Immunol** 1985 Jun;134(6):3649–55

Functional integrity of cytokineplasts: specific chemotactic and capping responses. Dyett DE, et al. **J Immunol** 1985 Sep;135(3):2090–4

Transduction by leukotriene B4 receptors of increases in cytosolic calcium in human polymorphonuclear leukocytes. Goldman DW, et al. **J Immunol** 1985 Jul;135(1):525–30

Mouse peritoneal macrophages plated on mannan- and horseradish peroxidase-coated substrates lose the ability to phagocytose by their Fc receptors. Sung SS, et al. **J Immunol** 1985 Jun;134(6):3712–7

Regulation of IFN-gamma induction in human peripheral blood cells by exogenous and endogenously produced interleukin 2. Vilček J, et al. **J Immunol** 1985 Sep; 135(3):1851–6

Tumor promoters potentiate the adrenomedullary secretion induced by acetylcholine and excess K possibly by stimulating phorbol ester receptors. Sorimachi M, et al. **Jpn J Physiol** 1985;35(1):175–8

Tuftsin (Thr-Lys-Pro-Arg), a natural modulator of macrophage activity: further studies. Bump NJ, et al. **Mol Cell Biochem** 1984 Sep;63(2):137–42

Interleukin-2 stimulates association of protein kinase C with plasma membrane. Farrar WL, et al. **Nature** 1985 May 16–22;315(6016):233–5

Phytohaemagglutinin activation of T cells through the sheep red blood cell receptor. O'Flynn K, et al. **Nature** 1985 Feb 21–27;313(6004):686–7

Absence of growth by most receptor-expressing fetal thymocytes in the presence of interleukin-2. von Boehmer H, et al. **Nature** 1985 Apr 11–17;314(6011):539–40

Pertussis toxin inhibits chemotactic peptide-stimulated generation of inositol phosphates and lysosomal enzyme secretion in human leukemic (HL–60) cells. Brandt SJ, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3277–80

An alternative route of infection for viruses: entry by means of the asialoglycoprotein receptor of a Sendai virus mutant lacking its attachment protein. Markwell MA, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):978–82

Bone marrow engraftment efficiency is enhanced by competitive inhibition of the hepatic asialoglycoprotein receptor. Samlowski WE, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2508–12

[Interrelation of 5'-nucleotidase separated from thymocytes by heating and receptors responsible for interaction with autologous erythrocytes] Bezvershenko IA, et al. **Fiziol Zh** 1985 May–Jun;31(3):282–7 (Eng. Abstr.) (Rus)

RADIATION EFFECTS

Dose rate dependence of radiation induced IgG membrane receptor alteration [1]. Ojeda F, et al. **Z Naturforsch [C]** 1984 Sep–Oct;39(9–10):1021–2

RECEPTORS, INSULIN

Structure of covalent insulin-receptor complexes (I-S-S-R) in isolated rat adipocytes and human placental membranes. Clark S, et al. **Biochem J** 1985 Jul 15;229(2):513–9

Cell-surface proteins. At last the insulin receptor [news] Hunter T. **Nature** 1985 Feb 28–Mar 6;313(6005):740–1

Human insulin receptor and its relationship to the tyrosine kinase family of oncogenes. Ullrich A, et al. **Nature** 1985 Feb 28–Mar 6;313(6005):756–61

[The molecular basis and cellular dynamics of the mechanism of action of insulin] Japundžić I, et al. **Srp Arh Celok Lek** 1984 Jul–Aug;112(7–8):845–60 (37 ref.) (Scr)

ANALYSIS

Insulin receptor in cells of two transplanted tumors of mouse mammary gland. Shisheva AC, et al. **Acta Physiol Pharmacol Bulg** 1984;10(3):20-8

Identification of the insulin receptor of cerebral microvessels. Haskell JF, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E115-25

Characterization of skeletal muscle insulin receptor. Dubler RE, et al. **Arch Biochem Biophys** 1985 Jan;236(1):119-29

Characterization of insulin receptor carbohydrate by comparison of chemical and enzymatic deglycosylation. Herzberg VL, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):789-96

Identification of the insulin receptor in undifferentiated and differentiated NB-15 mouse neuroblastoma cells by affinity labeling. Rinehart CA Jr, et al. **Biochim Biophys Acta** 1984 Dec 20;802(3):515-21

Adipocyte insulin-binding species: the 40 A Stoke's radius protein. Elliott C, et al. **Can J Biochem Cell Biol** 1984 Jul; 62(7):566-70

Number and affinity of insulin receptors in intact human subjects. Jones RH, et al. **Diabetologia** 1984 Aug; 27(2):207-11

Insulin receptors on cultured hypothalamic cells: functional and structural differences from receptors on peripheral target cells. Ciaraldi T, et al. **Endocrinology** 1985 Jun; 116(6):2179-85

Assay of insulin mediator activity with soluble pyruvate dehydrogenase phosphatase. Newman JD, et al. **Endocrinology** 1985 May;116(5):1912-9

Insulin receptors and bioresponses in a human liver cell line (Hep G-2). Podskalny JM, et al. **Eur J Biochem** 1985 Jul 15;150(2):401-7

Subunit structure of the purified human placental insulin receptor. Intramolecular subunit dissociation by sodium dodecyl sulfate-polyacrylamide gel electrophoresis. Boyle TR, et al. **J Biol Chem** 1985 Jul 15;260(14):8593-600

Identification of insulin receptors on the mucosal surface of colon epithelial cells. Pillion DJ, et al. **J Biol Chem** 1985 May 10;260(9):5244-7

Ultrastructural analysis of the organization and distribution of insulin receptors on the surface of 3T3-L1 adipocytes: rapid microaggregation and migration of occupied receptors. Smith RM, et al. **J Cell Physiol** 1985 May; 123(2):167-79

Specific insulin binding sites in human ovary. Poretsky L, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):809-11

Relationship between skeletal muscle insulin resistance, insulin-mediated glucose disposal, and insulin binding. Effects of obesity and body fat topography. Evans DJ, et al. **J Clin Invest** 1984 Oct;74(4):1515-25

Human blood-brain barrier insulin receptor. Pardridge WM, et al. **J Neurochem** 1985 Jun;44(6):1771-8

Clinical and biologic correlates of insulin binding by leukemia lymphoblasts. Pui CH, et al. **Leuk Res** 1985;9(7):843-9

Analysis of the insulin receptor by anti-receptor antibodies and flow cytometry. Maron R, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7446-50

Quality control of insulin radioreceptor assay for human erythrocytes. Effect of ageing of mono-125I-Tyr-A14-insulin preparation. Marttinen A, et al. **Scand J Clin Lab Invest** 1984 Sep;44(5):401-8

Binding of tyrosine-A-14(125I)-monoiodoinsulin to human erythrocytes. Pettersson K, et al. **Scand J Clin Lab Invest** 1984 Sep;44(5):393-400

[Theoretical classification of hormone receptor abnormalities, with special reference to diabetes mellitus] Kannagi R, et al. **Nippon Rinsho** 1985 Apr;43(4):812-8 **(Jpn)**

[Insulin receptors of adipose tissue in patients newly diagnosed with insulin-dependent diabetes mellitus] Evdokimova NIu, et al. **Vopr Med Khim** 1985 Mar-Apr; 31(2):64-8 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Characteristics of insulin receptors in a clonal line of rat pituitary tumor cells in culture. Turyn D, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(2):199-206

Induction of the insulin proreceptor by hydrocortisone in cultured lymphocytes (IM-9 line). Rouiller DG, et al. **J Clin Invest** 1985 Aug;76(2):645-9

Defects in receptor biosynthesis in patients with genetic forms of extreme insulin resistance. Hedo JA, et al. **Trans Assoc Am Physicians** 1984;97:151-60

BLOOD

Insulin receptor binding on red cells of hypertriglyceridemic patients. Effect of a low fat, low carbohydrate diet. Cordera R, et al. **Diabete Metab** 1985 Jun;11(3):137-40

Insulin-specific binding to erythrocytes in 6 girls with acanthosis nigricans. Chaussain JL, et al. **Horm Res** 1984; 20(3):186-91

DRUG EFFECTS

Is copper effect on glucose incorporation mediated by the insulin receptor in rat adipose tissue? Cohen AM, et al. **Acta Diabetol Lat** 1985 Jan-Mar;22(1):47-54

The molecular mechanism of insulin action. Kahn CR. **Annu Rev Med** 1985;36:429-51 (91 ref.)

Inhibition of insulin receptor binding by A23187: synergy with phorbol esters. Rouis M, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):9-15

Unmasking of insulin receptors in rat submaxillary gland microsomes: effect of high ionic strength, phospholipase C and S-adenosyl-L-methionine. Turyn D, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):333-42

Insulin-induced desensitization at the receptor and postreceptor level in mitogen-activated human T-lymphocytes. Ercolani L, et al. **Diabetes** 1985 Sep; 34(9):931-7

Effects of antithyroid drug therapy on blood glucose, serum insulin, and insulin binding to red blood cells in hyperthyroid patients of different ages. Komiya I, et al. **Diabetes Care** 1985 Mar-Apr;8(2):161-8

Effects of potassium supplementation on insulin binding and insulin action in human obesity: protein-modified fast and refeeding. Norbiato G, et al. **Eur J Clin Invest** 1984 Dec; 14(6):414-9

Differentiation of U-937 human monocyte-like cell line by 1 alpha,25-dihydroxyvitamin D3 or by retinoic acid. Opposite effects on insulin receptors. Rouis M, et al. **Exp Cell Res** 1985 Apr;157(2):539-43

Ciglitazone reverses cAMP-induced post-insulin receptor resistance in rat adipocytes in vitro. Kirsch DM, et al. **FEBS Lett** 1984 Oct 15;176(1):49-54

Insulin binding on MOLT 4 cells: effect of a sulfonylurea. Cordera R, et al. **Horm Res** 1984;20(4):246-51

Trial of sulfonylurea in combination with insulin in the therapy of diabetes type I and II. Evidence against a primary extrapancreatic receptor effect. Bieger WP, et al. **Klin Wochenschr** 1984 Jul 2;62(13):631-9

A differential effect of thyroxine and glucocorticoids on fetal brain and heart insulin receptor. Devaskar SU, et al. **Pediatr Res** 1985 Feb;19(2):192-8

Reflections on the mechanism of action of insulin. Merlevede W, et al. **Verh K Acad Geneeskd Belg** 1984;46(5):359-83 (100 ref.)

[Glipizide treatment does not change erythrocyte insulin receptors in non-insulin-dependent diabetics] Canivet B, et al. **Therapie** 1985 Mar-Apr;40(2):93-7 (Eng. Abstr.) **(Fre)**

[Glucocorticoids and insulin resistance: effects of dexamethasone, betamethasone and triamcinolone on insulin receptors in healthy subjects] Calafiore R, et al. **Recenti Prog Med** 1985 Jan;76(1):22-5 (Eng. Abstr.) **(Ita)**

[Biguanides and glucidic homeostasis: effects of metformin and phenformin on the intermediate metabolism and insulin receptors of normal subjects] Calafiore R, et al. **Recenti Prog Med** 1985 Mar;76(3):152-3 (Eng. Abstr.) **(Ita)**

[Contrainsula action of adrenaline at the insulin receptor level--exogenous adrenaline depression of liver insulin receptor activity in rats] Bezdrobnyĭ IuV, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Sep-Oct;(5):760-70 (Eng. Abstr.) **(Rus)**

[Possible effect of bromocriptine on the insulin receptor] Jiménez-Mejías ME, et al. **Rev Esp Fisiol** 1984 Jun; 40(2):133-9 (Eng. Abstr.) **(Spa)**

GENETICS

Leprechaunism: an inherited defect in a high-affinity insulin receptor. Elsas LJ, et al. **Am J Hum Genet** 1985 Jan; 37(1):73-88

The human insulin receptor cDNA: the structural basis for hormone-activated transmembrane signalling. Ebina Y, et al. **Cell** 1985 Apr;40(4):747-58

Human insulin receptor gene. Data supporting assignment to chromosome 19. Straus DS, et al. **Diabetes** 1985 Aug; 34(8):816-20

Impaired insulin-induced RNA synthesis secondary to a genetically defective insulin receptor. Rüdiger HW, et al. **Hum Genet** 1985;69(1):76-8

Gene for human insulin receptor: localization to site on chromosome 19 involved in pre-B-cell leukemia. Yang-Feng TL, et al. **Science** 1985 May 10; 228(4700):728-31

IMMUNOLOGY

Lupus nephritis and other autoimmune features in patients with diabetes mellitus due to autoantibody to insulin receptors. Tsokos GC, et al. **Ann Intern Med** 1985 Feb; 102(2):176-81

Insulin receptor autoantibodies in sepsis. Spitzer JA, et al. **Arch Intern Med** 1984 Oct;144(10):2019-22

Effects of anti-insulin receptor antibodies on in vivo insulin metabolism. Boden G, et al. **Diabetes** 1985 Apr;34(4):342-6

Autoantibodies against the insulin receptor. Dissociation of the acute effects of the antibodies from the desensitization seen with prolonged exposure. Grunfeld C, et al. **Diabetes** 1985 Mar;34(3):205-11

A new approach to the detection of autoantibodies against insulin receptors that inhibit the internalization of insulin into human cells. Yoshimasa Y, et al. **Diabetes** 1984 Nov; 33(11):1051-4

Plate binding assay for monoclonal anti-receptor antibodies. Morgan DO, et al. **Endocrinology** 1985 Mar;116(3):1224-6

Murine hybridoma monoclonal antibodies against insulin: cross-reactivity with insulins of three species and blocking of insulin binding to its receptor. Hořejší V, et al. **Immunol Lett** 1984;8(5):279-83

Effects of antiinsulin receptor antibodies on amino acid uptake by cultured rat hepatocytes. Shimoyama R, et al. **J Clin Endocrinol Metab** 1985 May;60(5):928-33

In vivo and in vitro effects of antiinsulin receptor antibodies. Shimoyama R, et al. **J Clin Endocrinol Metab** 1984 Nov; 59(5):916-23

Differing effects of antiinsulin serum and antiinsulin receptor serum on 123I-insulin metabolism in rats. Sodoyez JC, et al. **J Clin Invest** 1985 May;75(5):1455-62

Immunoprecipitation of insulin receptors from cultured human lymphocytes (IM-9 cells) by antibodies to pp60src. Perrotti N, et al. **Science** 1985 Feb 15;227(4688):761-3

[Radioreceptor assay of insulin and detection of anti-insulin receptor antibody using human placenta and their clinical application] Kadota S. **Hokkaido Igaku Zasshi** 1984 Nov; 59(6):750-61 (Eng. Abstr.) **(Jpn)**

[Insulin-like effects of anti-insulin-receptor antibodies on cultured rat hepatocytes] Shimoyama R. **Hokkaido Igaku Zasshi** 1985 May;60(3):342-54 (Eng. Abstr.) **(Jpn)**

[A case of insulin-resistant diabetes caused by anti-insulin receptor autoantibodies, showing varied clinical course] Ohnuma T, et al. **Nippon Naika Gakkai Zasshi** 1984 Jun; 73(6):856-63 **(Jpn)**

ISOLATION & PURIFICATION

Receptor affinity chromatography based on the avidin-biotin interaction. Hofmann K, et al. **Ann NY Acad Sci** 1985; 447:359-72

Receptor affinity chromatography. Kohanski RA, et al. **Ann NY Acad Sci** 1985;447:373-85

Partial purification from human mononuclear cells and placental plasma membranes of an insulin mediator which stimulates pyruvate dehydrogenase and suppresses glucose-6-phosphatase. Suzuki S, et al. **Arch Biochem Biophys** 1984 Dec;235(2):418-26

Structure of insulin/insulin-like growth factor-1 receptors on the insulinoma cell, RIN-m5F. Colman PG, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):657-62

An alteration in apparent molecular weight of the insulin receptor from the human monocyte cell line U-937. McElduff A, et al. **Diabetes** 1985 Jul;34(7):686-90

Visualization of the insulin receptor by immunoblotting. Maron R, et al. **Diabetes** 1984 Oct;33(10):923-8

Structural analysis and subunit interaction of insulin receptor from membranes of cultured embryonic chick heart cells. Endo F, et al. **Endocrinology** 1984 Nov;115(5):1828-37

Homogeneous functional insulin receptor from 3T3-L1 adipocytes. Purification using N alpha B1-(biotinyl-epsilon-aminocaproyl)insulin and avidin-sepharose. Kohanski RA, et al. **J Biol Chem** 1985 Apr 25;260(8):5014-25

Lectin-mediated binding of liposome-inserted membrane proteins to red blood cells. A method to detect binding of antibodies to purified rat histocompatibility antigen or binding of insulin to the insulin receptor. Eriksson H, et al. **J Immunol Methods** 1984 Dec 14;75(1):167-79

Purification of insulin receptor from human placenta. Jacobs S, et al. **Methods Enzymol** 1985;109:399-405

Avidin-biotin affinity chromatography: application to the isolation of human placental insulin receptor. Finn FM, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7328-32

METABOLISM

Reversal of insulin resistance in adipose tissue of non-insulin-dependent diabetics by treatment with diet and sulphonylurea. Bolinder J, et al. **Acta Endocrinol (Copenh)** 1985 Jan;108(1):85-90

Failure of chronic experimental hyperinsulinism to alter insulin binding to hypothalamic receptors in the rat. Melnyk RB, et al. **Acta Endocrinol (Copenh)** 1984 Sep; 107(1):86-90

Starvation-induced changes in insulin binding to hypothalamic receptors in the rat. Melnyk RB, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):78-85

Effect of insulin on porcine granulosa cells: implications of a possible receptor mediated action. Otani T, et al. **Acta Endocrinol (Copenh)** 1985 Jan;108(1):104-10

Insulin secretion, adipocyte insulin binding and insulin sensitivity in thyrotoxicosis. Taylor R, et al. **Acta Endocrinol (Copenh)** 1985 May;109(1):96-103

Hormonal imprinting in cell culture I. Impact of a single exposure to insulin on cellular insulin binding capacity in permanent cell lines. Csaba G, et al. **Acta Physiol Hung** 1984;64(1):57-63

Study of the imprinting and overlap of insulin and concanavalin-A at the receptor level in a protozoan (Tetrahvmena) model system. Kovács P, et al. **Acta Physiol Hung** 1984;64(1):19-23

Insulin binding and degradation in short time incubation at 37 C. Cresto JC, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(4):343-54

Liver cells binding with high insulin doses at 37 C. Cresto JC, et al. **Acta Physiol Pharmacol Latinoam** 1984; 34(4):355-66

Insulin processing. Its correlation with glucose conversion to CO2. Udrisar DP, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(4):427-40

Internalization of insulin: structures involved and significance. Posner BI, et al. **Adv Exp Med Biol** 1985; 189:159-73

In vitro binding of insulin and epidermal growth factor to human endometrium and endocervix. Sheets EE, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):60-5

Kinetics of cell age-dependent decline of insulin receptors in human red cells. Baumann G, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E667-74

Insulin resistance of denervated rat muscle: a model for impaired receptor-function coupling. Burant CF, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E657-66

Adult cardiac myocytes in primary culture: cell characteristics and insulin-receptor interaction. Eckel J, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):H212-21

Abnormal coupling of insulin receptor binding in noninsulin-dependent diabetes. Mandarino LJ, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E688-92

Insulin and central regulation of spontaneous fattening and weight loss. Melnyk RB, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R203-8

Insulin binding and effects on glucose and transepithelial transport by alveolar type II cells. Sugahara K, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C472-7

In vitro recovery of insulin binding after downregulation in cultured normal human monocytes. Whitson RH, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):E94-8

The insulin receptor. Lyen KR. **Ann Acad Med Singapore** 1985 Apr;14(2):364-73 (78 ref.)

Relationship between the subunit structure of insulin receptor and its competence to bind insulin and undergo phosphorylation. Pang DT, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):629-38

Metabolic importance of acanthosis nigricans [editorial] Flier JS. **Arch Dermatol** 1985 Feb;121(2):193-4

The insulin receptor of adult heart muscle cells. Eckel J, et al. **Basic Res Cardiol** 1985;80 Suppl 1:61-4

Normal hepatic insulin receptor autophosphorylation in nonketotic diabetes mellitus. Amatruda JM, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):163-70

Distinct receptors for IGF-I, IGF-II, and insulin are present on bovine capillary endothelial cells and large vessel endothelial cells. Bar RS, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):203-9

Autophosphorylation of the insulin receptor in rat adipocytes is modulated by thyroid hormone status. Corrèze C, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1061-8

Removal of sialic acids from the purified insulin receptor results in enhanced insulin-binding and kinase activities. Fujita-Yamaguchi Y, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):739-45

Substrate specificities of insulin and epidermal growth factor receptor kinases. Klein HH, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):254-63

Insulin receptors on Chinese hamster ovary (CHO) cells: altered insulin binding to glycosylation mutants. Podskalny J, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):70-5

Absence of covalent binding by insulin to erythrocyte and reticulocyte insulin receptors. Ward GM, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):849-53

Phosphorylation of membrane proteins in monensin-resistant mutant of Chinese hamster ovary cell with altered insulin-receptor activity. Ono M, et al. **Biochem Int** 1984 Sep;9(3):369-77

Identification of functional insulin receptors on membranes from an insulin-producing cell line (RINm5F). Gazzano H, et al. **Biochem J** 1985 Mar 15;226(3):867-72

The insulin receptor-kinase complex: an integrated system for transmembrane hormone signalling. Van Obberghen E, et al. **Biochem Soc Trans** 1984 Oct;12(5):762-6

Interaction between the A2 and A19 amino acid residues is of critical importance for high biological activity in insulin: [19-leucine-A]insulin. Kitagawa K, et al. **Biochemistry** 1984 Sep 11;23(19):4444-8

Biogenesis, transit, and functional properties of the insulin proreceptor and modified insulin receptors in 3T3-L1 adipocytes. Use of monensin to probe proreceptor cleavage and generate altered receptor subunits. Salzman A, et al. **Biochemistry** 1984 Dec 18;23(26):6555-65

Insulin binding in human skeletal muscle. Bonen A, et al. **Biochim Biophys Acta** 1984 Sep 28;801(2):171-6

Control of erythrocyte membrane microviscosity by insulin. Dutta-Roy AK, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):187-90

Reutilization of insulin receptor and hormonal response in cultured foetal hepatocytes: the effects of chloroquine and vinblastine. Pringault E, et al. **Biol Cell** 1985;53(1):13-21

Binding of insulin dimers to receptors. Jeffrey PD. **Biophys Chem** 1985 Jan;21(1):57-60

Light and electron microscopic analysis of insulin binding sites on neurons in dissociated brain cell cultures. Weyhenmeyer JA, et al. **Brain Res Bull** 1985 May;14(5):415-21

Growth inhibition and increase of insulin receptors in antiestrogen-resistant T47DCO human breast cancer cells by progestins: implications for endocrine therapies. Horwitz KB, et al. **Cancer Res** 1985 Jan;45(1):167-73

Insulin binding in epithelial cells isolated from human gallbladder. Kobari L, et al. **Diabete Metab** 1984 Sep;10(3):181-7

Acute reversal of the enhanced insulin action in trained athletes. Association with insulin receptor changes. Burstein R, et al. **Diabetes** 1985 Aug;34(8):756-60

beta-Hydroxybutyrate increases the insulin sensitivity of adipocyte glucose transport at a postreceptor level. Green A, et al. **Diabetes** 1984 Nov;33(11):1045-50

Sequential studies of glucose tolerance and red blood cell insulin receptors in normal human pregnancy. Lerario AC, et al. **Diabetes** 1985 Aug;34(8):780-6

Rapid effects of insulin on the cycling of the insulin receptor in a human monocyte cell line (U-937). Livingston JN, et al. **Diabetes** 1985 Apr;34(4):403-8

In vitro activity of biosynthetic human proinsulin. Receptor binding and biologic potency of proinsulin and insulin in isolated rat adipocytes. Peavy DE, et al. **Diabetes** 1984 Nov;33(11):1062-7

Low pH and ketoacids induce insulin receptor binding and postbinding alterations in cultured 3T3 adipocytes. Van Putten JP, et al. **Diabetes** 1985 Aug;34(8):744-50

Terbium, a fluorescent probe for insulin receptor binding. Evidence for a conformational change in the receptor protein due to insulin binding. Williams PF, et al. **Diabetes** 1984 Nov;33(11):1106-11

Characteristics of insulin receptors and insulin action in human myelogenous leukemia cell line K-562. Yamanouchi T, et al. **Diabetes** 1985 Apr;34(4):347-52

Interaction between insulin receptors and major histocompatibility complex antigens in mouse liver membranes. Brossette N, et al. **Diabetologia** 1984 Jul;27 Suppl:74-6

Binding and molecular weight properties of the insulin receptor from omental and subcutaneous adipocytes in human obesity. Livingston JN, et al. **Diabetologia** 1984 Oct;27(4):447-53

Infusion of insulin impairs human adipocyte glucose metabolism in vitro without decreasing adipocyte insulin receptor binding. Mandarino L, et al. **Diabetologia** 1984 Sep;27(3):358-63

Analysis of insulin receptors on human lymphoblastoid cell lines by flow cytometry. Maron R, et al. **Diabetologia** 1984 Jul;27 Suppl:118-20

Severe hyperprolactinaemia is associated with decreased insulin binding in vitro and insulin resistance in vivo. Schernthaner G, et al. **Diabetologia** 1985 Mar;28(3):138-42

Insulin receptors in the gastrointestinal tract of the rat fetus: quantitative autoradiographic studies. Sodoyez-Goffaux F, et al. **Diabetologia** 1985 Jan;28(1):45-50

Insulin-sensitive phosphodiesterase and insulin receptor binding in fat cells from spontaneously obese rats. Suzuki T, et al. **Diabetologia** 1985 May;28(5):286-90

Adipocyte insulin binding and insulin sensitivity in 'brittle' diabetes. Taylor R, et al. **Diabetologia** 1984 Oct;27(4):441-6

Increased affinity of insulin receptor on hepatocytes from streptozotocin-induced diabetic rats. Okamoto M, et al. **Endocrinol Jpn** 1984 Jun;31(3):235-43

Receptor-mediated degradation by rat adipocytes: comparison of A-14 with A-19 125I-labelled insulin. Watanabe N, et al. **Endocrinol Jpn** 1984 Jun;31(3):321-6

Radioreceptorassay of insulin using human erythrocytes. I. Methodological aspects. Simionescu L, et al. **Endocrinologie** 1985 Jan-Mar;23(1):29-38

Receptor-mediated endocytosis of [125I]insulin into pancreatic acinar cells in vivo. Cruz J, et al. **Endocrinology** 1984 Nov;115(5):1996-2008

Early development and tissue-specific patterns of insulin binding in chick embryo. Hendricks SA, et al. **Endocrinology** 1984 Oct;115(4):1315-23

Effects of estradiol on insulin receptor distribution in primary cultures of R3230AC mammary adenocarcinoma of the rat. Hilf R, et al. **Endocrinology** 1985 Jan;116(1):154-63

Characterization of the receptors for insulin and the insulin-like growth factors on micro- and macrovascular tissues. Jialal I, et al. **Endocrinology** 1985 Sep;117(3):1222-9

Insulin bound to the insulin receptor of IM-9 lymphocytes is more accessible to antiinsulin antibodies after treatment with dithiothreitol: bound insulin is deeply buried in the receptor-binding site. McElduff A, et al. **Endocrinology** 1984 Nov;115(5):1869-75

Pancreatic hormone receptors on islet cells. Van Schravendijk CF, et al. **Endocrinology** 1985 Sep;117(3):841-8

Effect of antibody-mediated crosslinking of insulin on its bioactivity and receptor binding. Keilacker H, et al. **Exp Clin Endocrinol** 1985 Feb;85(1):38-46

Platelet insulin receptor determination in non-insulin dependent diabetes mellitus. Udvardy M, et al. **Experientia** 1985 Mar 15;41(3):422-3

Protein kinase activity of the insulin receptor from muscle. Häring HU, et al. **FEBS Lett** 1984 Oct 15;176(1):229-34

Insulin receptor kinase in human skeletal muscle. Obermaier B, et al. **FEBS Lett** 1985 Jul 1;186(1):85-8

Discordance between glucokinase activity and insulin and glucagon receptor changes occurring during liver regeneration in the rat. Francavilla A, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:47-50

The erythrocyte insulin receptor response to either feeding or a short fast. McElduff A, et al. **Horm Metab Res** 1984 Jun;16(6):275-8

A possible role for insulin-receptor subunit in degrading receptor-bound insulin. Nakao K, et al. **Horm Metab Res** 1984 Jun;16(6):319-20

Effect of alloxan induced diabetes on 125I-insulin receptor interaction and 14C-glucose/14C-galactose homeostasis in isolated rat hepatocytes. Balapure AK, et al. **Indian J Exp Biol** 1985 Jan;23(1):63-4

Effect of carbon tetrachloride induced toxicity on 125(I)-insulin receptor interaction and U-14(C)glucose/U-14(C)galactose homeostasis in isolated rat hepatocytes. Balapure AK, et al. **Indian J Exp Biol** 1984 Feb;22(2):88-90

Exercise-induced regulation of insulin receptor affinity: role of circulating metabolites. Michel G, et al. **Int J Sports Med** 1985 Apr;6(2):100-6

Receptor-dependent and independent degradation of insulin by isolated swine adipocytes at 37 C. Etherton TD, et al. **J Anim Sci** 1984 Aug;59(2):366-75

Reciprocal changes of insulin and glucagon receptors in primary cultured hepatocytes. Kashiwagi A, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):679-84

Insulin receptor cycling and insulin action in the rat adipocyte. Arsenis G, et al. **J Biol Chem** 1985 Feb 25;260(4):2202-7

Is glycosylation in the liver needed for insulin binding, processing, and action? Evidence for heterogeneity. Caro JF, et al. **J Biol Chem** 1984 Oct 25;259(20):12810-6

Down-regulation and recycling of insulin receptors. Effect of monensin on IM-9 lymphocytes and U-937 monocyte-like cells. Carpentier JL, et al. **J Biol Chem** 1984 Nov 25;259(22):14190-5

Insulin binds to specific receptors and stimulates 2-deoxy-D-glucose uptake in cultured glial cells from rat brain. Clarke DW, et al. **J Biol Chem** 1984 Oct 10;259(19):11672-5

Effects of insulin receptor down-regulation on hexose transport in human erythrocytes. Dustin ML, et al. **J Biol Chem** 1984 Nov 25;259(22):13660-3

Defect in insulin receptor phosphorylation in erythrocytes and fibroblasts associated with severe insulin resistance. Grigorescu F, et al. **J Biol Chem** 1984 Dec 25;259(24):15003-6

Phosphorylation of tubulin and microtubule-associated proteins by the purified insulin receptor kinase. Kadowaki T, et al. **J Biol Chem** 1985 Apr 10;260(7):4016-20

Kinetics of insulin receptor internalization and recycling in adipocytes. Shunting of receptors to a degradative pathway by inhibitors of recycling. Marshall S. **J Biol Chem** 1985 Apr 10;260(7):4136-44

Stoichiometric translocation of adipocyte insulin receptors from the cell-surface to the cell-interior. Studies using a novel method to rapidly remove detergent and concentrate soluble receptors. Marshall S, et al. **J Biol Chem** 1985 Apr 10;260(7):4128-35

Inhibition of the activation and catalytic activity of insulin receptor kinase by zinc and other divalent metal ions. Pang DT, et al. **J Biol Chem** 1985 Apr 25;260(8):5126-30

Predominance of tyrosine phosphorylation of insulin receptors during the initial response of intact cells to insulin. Pang DT, et al. **J Biol Chem** 1985 Jun 10;260(11):7131-6

An endogenous substrate for the insulin receptor-associated tyrosine kinase. Rees-Jones RW, et al. **J Biol Chem** 1985 Apr 10;260(7):4461-7

Insulin action in denervated skeletal muscle. Evidence that the reduced stimulation of glycogen synthesis does not involve decreased insulin binding. Smith RL, et al. **J Biol Chem** 1985 Jan 10;260(1):273-8

Effects of monensin on insulin processing in adipocytes. Evidence that the internalized insulin-receptor complex has some physiological activities. Ueda M, et al. **J Biol Chem** 1985 Apr 10;260(7):3941-6

Differences in the sites of phosphorylation of the insulin receptor in vivo and in vitro. White MF, et al. **J Biol Chem** 1985 Aug 5;260(16):9470-8

src kinase catalyzes the phosphorylation and activation of the insulin receptor kinase. Yu KT, et al. **J Biol Chem** 1985 May 10;260(9):5838-46

Cellular responses elicited by insulin mimickers in cells lacking detectable plasma membrane insulin receptors. Hofmann C, et al. **J Cell Biochem** 1985;27(4):401-14

Increased turnover of surface insulin receptors in fibroblastic cultures from genetically diabetic (DB/DB) mice. Kadle R, et al. **J Cell Biochem** 1985;28(1):59-67

Phosphorylation of the solubilized insulin receptor by the gene product of the Rous sarcoma virus, pp60src. White MF, et al. **J Cell Biochem** 1984;26(3):169-79

Treatment of lymphoblastoid cells with interferon decreases insulin binding. Faltynek CR, et al. **J Cell Physiol** 1984 Nov;121(2):437-41

Distribution of insulin receptors between plasmalemma and intracellular compartments: effect of amino acids. Galbraith RA, et al. **J Cell Physiol** 1985 Jan;122(1):120-4

Internalization and acidification of insulin by activated human lymphocytes. Murphy RF, et al. **J Cell Physiol** 1984 Nov;121(2):351-6

Proliferation of a human embryonal carcinoma-derived cell line in serum-free medium: inter-relationship between growth factor requirements and membrane receptor expression. Engström W, et al. **J Cell Sci** 1985 Feb;73:361-73

Effect of fasting on insulin receptor binding and insulin action in different human subcutaneous fat depots. Engfeldt P, et al. **J Clin Endocrinol Metab** 1985 May;60(5):868-73

Dissociation of insulin resistance and decreased insulin receptor binding in Duchenne muscular dystrophy. Freidenberg GR, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):320-7

Tyrosine kinase activity of the insulin receptor of patients with type A extreme insulin resistance: studies with circulating mononuclear cells and cultured lymphocytes.

Grunberger G, et al. **J Clin Endocrinol Metab** 1984 Dec; 59(6):1152-8

Insulin binding to human ovaries. Jarrett JC 2d, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):460-3

The insulin receptor: characterization and regulation using insulin-antiinsulin antibody complexes as a probe for flow cytometry. Maron R, et al. **J Clin Endocrinol Metab** 1985 May;60(5):1004-11

Familial hyperinsulinemia complicated by extreme insulin resistance during pregnancy: a probable postreceptor defect. Plehwe WE, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):68-77

Distribution and characterization of insulin and insulin-like growth factor I receptors in normal human ovary. Poretsky L, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):728-34

Insulin-stimulated receptor phosphorylation appears normal in cultured Epstein-Barr virus-transformed lymphocyte cell lines derived from patients with extreme insulin resistance. Whittaker J, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):381-6

Site of insulin resistance in type 1 diabetes: insulin-mediated glucose disposal in vivo in relation to insulin binding and action in adipocytes in vitro. Yki-Järvinen H, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1183-92

Mechanism of insulin resistance in human liver cirrhosis. Evidence of a combined receptor and postreceptor defect. Cavallo-Perin P, et al. **J Clin Invest** 1985 May; 75(5):1659-65

Insulin receptor down-regulation is linked to an insulin-induced postreceptor defect in the glucose transport system in rat adipocytes. Garvey WT, et al. **J Clin Invest** 1985 Jul;76(1):22-30

Acute regulation of human lymphocyte insulin receptors. Analysis by the glucose clamp. Helderman JH. **J Clin Invest** 1984 Oct;74(4):1428-35

Insulin receptor degradation is accelerated in cultured lymphocytes from patients with genetic syndromes of extreme insulin resistance. McElduff A, et al. **J Clin Invest** 1984 Oct;74(4):1366-74

Prolactin permits the expression of a circadian variation in insulin receptor profile in hepatocytes of the golden hamster (Mesocricetus auratus). Cincotta AH, et al. **J Endocrinol** 1985 Aug;106(2):177-81

Insulin receptors and insulin sensitivity in normo and hyperinsulinemic obese patients. Carducci Artenisio A, et al. **J Endocrinol Invest** 1985 Jun;8(3):233-9

Human circulating monocytes internalize 125I-insulin in a similar fashion to rat hepatocytes: relevance to receptor regulation in target and nontarget tissues. Grunberger G, et al. **J Lab Clin Med** 1985 Aug;106(2):211-7

Rat erythrocyte insulin receptors: radioreceptor assay and characterization. Ogunwole JO, et al. **J Natl Med Assoc** 1985 Feb;77(2):119-28

Unique features of the insulin receptor in rat brain. Hendricks SA, et al. **J Neurochem** 1984 Nov;43(5):1302-9

A14-125I-monoiodoinsulin purified by high performance liquid chromatography (HPLC): cellular receptor binding properties and long-term stability. Benzi L, et al. **J Nucl Med Allied Sci** 1984 Oct-Dec;28(4):277-81

Insulin binding to erythrocytes in insulin dependent diabetics with different insulin requirement and insulin antibody titre. Turco GL, et al. **J Nucl Med Allied Sci** 1984 Jul-Sep; 28(3):149-55

Absence of down-regulation of insulin receptors in human breast cancer cells (MCF-7) cultured in serum-free medium: comparison with epidermal growth factor. Hwang DL, et al. **J Recept Res** 1985;5(1):27-43

Effect of alloxan diabetes and phenformin on insulin binding with liver plasma membrane receptors. Chaujar M, et al. **Jpn J Exp Med** 1984 Oct;54(5):189-93

Postbinding defects of insulin action in human adipocytes from uremic patients. Pedersen O, et al. **Kidney Int** 1985 May;27(5):780-4

Decreased insulin receptor binding in hyperthyroidism. Schernthaner G, et al. **Klin Wochenschr** 1984 Nov 15; 62(22):1074-80

Diminished insulin receptors on monocytes and erythrocytes in hypertriglyceridemia. Bieger WP, et al. **Metabolism** 1984 Nov;33(11):982-7

Mechanisms of insulin resistance in cultured fibroblasts from a patient with leprechaunism: impaired post-binding actions of insulin and multiplication-stimulating activity. Craig JW, et al. **Metabolism** 1984 Dec;33(12):1084-96

Radioactive labeling and turnover studies of the insulin receptor subunits. Hedo JA, et al. **Methods Enzymol** 1985; 109:593-609

Phosphorylation of the insulin receptor in cultured hepatoma cells and a solubilized system. Kasuga M, et al. **Methods Enzymol** 1985;109:609-21

Membrane degradation of receptor bound insulin. Influence of glipizide. Cordera R, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):293-6

Insulin receptor tyrosine kinase is defective in skeletal muscle of insulin-resistant obese mice. Le Marchand-Brustel Y, et al. **Nature** 1985 Jun 20-26;315(6021):676-9

Insulin binding to erythrocytes as a function of energy status. **Nutr Rev** 1985 Jun;43(6):174-6

Insulin receptors in rat brain cortex. Kinetic evidence for a receptor subtype in the central nervous system. Gammeltoft S, et al. **Peptides (Fayetteville)** 1984 Sep-Oct; 5(5):937-44

Peptide binding to intestinal epithelium: distinct sites for insulin, EGF and VIP. Zimmerman TW, et al. **Peptides (Fayetteville)** 1985 Mar-Apr;6(2):229-35

Insulin receptors: binding kinetics and structure-function relationship of insulin. Gammeltoft S. **Physiol Rev** 1984 Oct;64(4):1321-78 (354 ref.)

The monomeric alpha beta form of the insulin receptor exhibits much higher insulin-dependent tyrosine-specific protein kinase activity than the intact alpha 2 beta 2 form of the receptor. Fujita-Yamaguchi Y, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6095-9

Phorbol esters modulate insulin receptor phosphorylation and insulin action in cultured hepatoma cells. Takayama S, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7797-801

Identification of the alpha beta monomer of the adipocyte insulin receptor by insulin binding and autophosphorylation. Velicelebi G, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7693-7

Insulin-stimulated glucose uptake in rat diaphragm during postnatal development: lack of correlation with the number of insulin receptors and of intracellular glucose transporters. Wang C. **Proc Natl Acad Sci USA** 1985 Jun; 82(11):3621-5

Insulin binding and effects of insulin on glucose uptake and metabolism in cultured rabbit coronary microvessel endothelium. Gerritsen ME, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):17-23

Receptor-mediated transport of insulin across endothelial cells. King GL, et al. **Science** 1985 Mar 29;227(4694):1583-6

Intracellular mediators of insulin action. Jarett L, et al. **Vitam Horm** 1984;41:51-78 (121 ref.)

[Human insulin. Receptor affinity, acute effects and long-term treatment] Adezati L, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):181-92 (Eng. Abstr.) **(Ita)**

[Insulin sensitivity, insulin receptors and C-peptide secretion in type 2 diabetes mellitus. Effects of insulin therapy] Carducci Artenisio A, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):247-52 (Eng. Abstr.) **(Ita)**

[Insulin resistance in type 2 diabetes. Receptor and post-receptor aspects] Purrello F, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):221-8 (30 ref.) (Eng. Abstr.) **(Ita)**

[Phosphorylation of the receptor insulin and insulin-like growth factors] Kasuga M, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):646-52 (Eng. Abstr.) **(Jpn)**

[Role of the insulin receptor] Kucharzewski M, et al. **Wiad Lek** 1984 Oct 1;37(19):1528-32 (40 ref.) (Eng. Abstr.) **(Pol)**

[Absence of the reaction of insulin receptors to receptorotropic activity in the rat liver with innervation lesions] Bezdrobnyĭ IuV, et al. **Fiziol Zh SSSR** 1985 Feb; 71(2):248-54 (Eng. Abstr.) **(Rus)**

[Impaired insulin-receptor interactions with the lymphocytes in rats after burn injury] Morenkova SA, et al. **Patol Fiziol Eksp Ter** 1985 Jan-Feb;(1):26-8 (Eng. Abstr.) **(Rus)**

[Insulin receptors of adipose tissue cells in increased levels of anti-insulin hormones] Bezdrobnyĭ IuV, et al. **Sov Med** 1984;(9):21-6 (Eng. Abstr.) **(Rus)**

[Effect of glucocorticoids and adrenaline on insulin receptors in plasma membranes and nuclear envelopes of the rat liver] Bezdrobnyĭ IuV. **Ukr Biokhim Zh** 1984 Nov-Dec; 56(6):681-5 (Eng. Abstr.) **(Rus)**

[Additive nature of the stimulating effects of alloxan diabetes and fasting on the specific binding of insulin with its receptors in the plasma membranes of adipose and hepatic cells in the rat] Bezdrobnyĭ IuV, et al. **Vopr Med Khim** 1985 Mar-Apr;31(2):46-51 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Insulin mediator stimulates pyruvate dehydrogenase of intact liver mitochondria. Parker JC, et al. **Diabetes** 1985 Jan; 34(1):92-7

Stimulation of pyruvate dehydrogenase activity in intact rat adipocytes by insulin mediator from rat skeletal muscle. Jarett L, et al. **Endocrinology** 1985 Mar;116(3):1011-6

Insulin mediators from rat skeletal muscle have differential effects on insulin-sensitive pathways of intact adipocytes. Jarett L, et al. **Science** 1985 Feb 1;227(4686):533-5

PHYSIOLOGY

Insulin resistance: receptor and post-binding defects in human obesity and non-insulin-dependent diabetes mellitus. Truglia JA, et al. **Am J Med** 1985 Aug 23; 79(2B):13-22 (98 ref.)

Insulin receptors: their roles in the pathogenesis and management of type II diabetes mellitus. Tan MH, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):360-3 (38 ref.)

Intracellular mediators of insulin action. Cheng K, et al. **Annu Rev Physiol** 1985;47:405-24 (144 ref.)

The nature and regulation of the insulin receptor: structure and function. Czech MP. **Annu Rev Physiol** 1985;47:357-81 (140 ref.)

Insulin mediator causes dephosphorylation of the alpha subunit of pyruvate dehydrogenase by stimulating phosphatase activity. Macaulay SL, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):142-50

Insulin, via its own receptor, regulates growth and amylase synthesis in pancreatic acinar AR42J cells. Mössner J, et al. **Diabetes** 1985 Sep;34(9):891-7

Insulin receptor- and nonreceptor-controlled cellular substrate processing. A review of clinical studies in the isolated human adipocyte model. Pedersen O. **J Endocrinol Invest** 1985 Feb;8(1):77-87 (64 ref.)

Post-binding events in insulin action. Horuk R, et al. **Mol Cell Endocrinol** 1985 Aug;42(1):1-20 (105 ref.)

Receptor-mediated degradation and internalization of insulin in the adenocarcinoma cell line HT-29 from human colon. Sonne O. **Mol Cell Endocrinol** 1985 Jan;39(1):39-48

Diabetes mellitus and insulin receptors. Krans HM. **Neth J Med** 1985;28(2):59-62 (27 ref.)

Defect in insulin receptor of experimental uremic rat. Nakamura Y, et al. **Nippon Jinzo Gakkai Shi** 1984 Sep; 26(9):1187-93

[Insulin resistance. Physiopathological and biochemical aspects] Freychet P. **Ann Endocrinol (Paris)** 1984; 45(2):107-14 (Eng. Abstr.) **(Fre)**

[The insulin receptor: an autonomous system for membrane transmission of the hormonal message] van Obberghen E, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:29-37 (33 ref.) **(Fre)**

[Mitogenic responsiveness to growth factor and tumor promoters and regulation of cell growth] Shimizu N. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):692-9 (Eng. Abstr.) **(Jpn)**

[Structure and function of the insulin receptor] Kasuga M. **Tanpakushitsu Kakusan Koso** 1984 Jul;29(7):533-50 (115 ref.) **(Jpn)**

RECEPTORS, LDL

ANALYSIS

A simple and rapid anti-ligand enzyme immunoassay for visualization of low-density lipoprotein membrane receptors. Dresel HA, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):452-7

LDL receptors in bovine tissues assayed as the heparin-sensitive binding of 125I-labeled LDL in homogenates: relation between liver LDL receptors and serum cholesterol in the fetus and post term. Rudling MJ, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):96-104

Maximal low density lipoprotein receptor activity and the effect of lipid lowering diet on total serum cholesterol. Leren TP, et al. **Clin Genet** 1985 Jun;27(6):543-9

Characterization of binding sites for acetylated low density lipoprotein in the rat liver in vivo and in vitro. Dresel HA, et al. **EMBO J** 1985 May;4(5):1157-62

Visualization of the hepatic low-density lipoprotein receptor in rats by sequential scintiscans. Friedrich E, et al. **FEBS Lett** 1985 May 6;184(1):134-8

Topography and dynamics of receptors for acetylated and malondialdehyde-modified low-density lipoprotein in the plasma membrane of mouse peritoneal macrophages as visualized by colloidal gold in conjunction with surface replicas. Robenek H, et al. **J Histochem Cytochem** 1984 Oct;32(10):1017-27

Selective uptake of a toxic lipophilic anthracycline derivative by the low-density lipoprotein receptor pathway in cultured fibroblasts. Vitols SG, et al. **J Med Chem** 1985 Apr;28(4):451-4

Scavenger cell receptor shared [news] Brown MS, et al. **Nature** 1985 Aug 22-28;316(6030):680-1

[Receptor-mediated endocytosis and the structure of membrane receptors] Hayashi H, et al. **Nippon Rinsho** 1985 Apr;43(4):741-7 **(Jpn)**

BIOSYNTHESIS

Liver transplantation to provide low-density-lipoprotein receptors and lower plasma cholesterol in a child with homozygous familial hypercholesterolemia. Bilheimer DW, et al. **N Engl J Med** 1984 Dec 27;311(26):1658-64

Mevinolin stimulates receptor-mediated clearance of low density lipoprotein from plasma in familial hypercholesterolemia heterozygotes. Bilheimer DW, et al. **Trans Assoc Am Physicians** 1983;96:1-9 (14 ref.)

GENETICS

Internalization-defective LDL receptors produced by genes with nonsense and frameshift mutations that truncate the cytoplasmic domain. Lehrman MA, et al. **Cell** 1985 Jul; 41(3):735-43

The human LDL receptor: a cysteine-rich protein with multiple Alu sequences in its mRNA. Yamamoto T, et al. **Cell** 1984 Nov;39(1):27-38

Identification of a deletion in the low density lipoprotein (LDL) receptor gene in a patient with familial hypercholesterolaemia. Horsthemke B, et al. **Hum Genet** 1985;71(1):75-8

A novel mechanism by which probucol lowers low density lipoprotein levels demonstrated in the LDL receptor-deficient rabbit. Naruszewicz M, et al. **J Lipid Res** 1984 Nov;25(11):1206-13

A common DNA polymorphism of the low-density lipoprotein (LDL) receptor gene and its use in diagnosis. Humphries SE, et al. **Lancet** 1985 May 4;1(8436):1003-5

Mutation in LDL receptor: Alu-Alu recombination deletes exons encoding transmembrane and cytoplasmic domains. Lehrman MA, et al. **Science** 1985 Jan 11;227(4683):140-6

Cassette of eight exons shared by genes for LDL receptor and EGF precursor. Südhof TC, et al. **Science** 1985 May

17;228(4701):893-5

The LDL receptor gene: a mosaic of exons shared with different proteins. Südhof TC, et al. **Science** 1985 May 17; 228(4701):815-22

ISOLATION & PURIFICATION

Solubilization of the 17 alpha-ethinyl estradiol-stimulated low density lipoprotein receptor of male rat liver. Roach PD, et al. **J Lipid Res** 1985 Jun;26(6):713-20

Purification of the LDL receptor. Schneider WJ, et al. **Methods Enzymol** 1985;109:405-17

METABOLISM

Hypertriglyceridemia: lipoprotein receptors and atherosclerosis. Gianturco SH, et al. **Adv Exp Med Biol** 1985;183:47-71

Regulation of LDL receptors in vivo. Bilheimer DW. **Agents Actions [Suppl]** 1984;16:191-203

Vitamin E is delivered to cells via the high affinity receptor for low-density lipoprotein. Traber MG, et al. **Am J Clin Nutr** 1984 Oct;40(4):747-51

Contribution of the receptor pathway to low density lipoprotein catabolism in humans. New methods for quantitation. Slater HR, et al. **Arteriosclerosis** 1984 Nov-Dec;4(6):604-13

Verapamil enhances receptor-mediated endocytosis of low density lipoproteins by aortic cells in culture. Stein O, et al. **Arteriosclerosis** 1985 Jan-Feb;5(1):35-44

Histochemical characterization of low density lipoprotein receptors in internalization-defective familial hypercholesterolemia. Takaichi S, et al. **Arteriosclerosis** 1985 May-Jun;5(3):238-43

HDL cholesterol, LDL receptor activity and response to dietary cholesterol. A reply to the letter of Cortese, Miller, Marenah and Lewis [letter] Katan MB, et al. **Atherosclerosis** 1984 Sep;52(3):357-8

Human breast milk stimulates low density lipoprotein (LDL) binding to human skin fibroblasts in culture. Subbiah MT, et al. **Biochem Biophys Res Commun** 1985 Jan 31; 126(2):667-71

The recognition domain for the low density lipoprotein cellular receptor is expressed once on each lipoprotein particle. Tikkanen M, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):773-7

Apo E-mediated uptake and degradation of normal very low density lipoproteins by human monocyte/macrophages: a saturable pathway distinct from the LDL receptor. Wang-Iverson P, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):578-86

A comparison of the low-density-lipoprotein receptor from bovine adrenal cortex, rabbit and rat liver and adrenal glands by lipoprotein blotting. Kroon PA, et al. **Biochem J** 1984 Oct 15;223(2):329-35

Uptake and esterification of exogenous cholesterol by low-density-lipoprotein-receptor-negative human fibroblasts in culture. Slotte JP, et al. **Biochem J** 1984 Sep 15;222(3):821-4

Characterization of high-density lipoprotein binding sites in rat liver and testis membranes. Chacko GK. **Biochim Biophys Acta** 1984 Sep 12;795(2):417-26

Angiotensin II stimulates receptor-mediated uptake of LDL by bovine adrenal cortical cells in primary culture. Leitersdorf E, et al. **Biochim Biophys Acta** 1985 Jul 9; 835(2):183-90

A simple binding assay for the determination of low-density lipoprotein receptors in cell homogenates. Rudling MJ, et al. **Biochim Biophys Acta** 1985 Mar 6;833(3):359-65

Low density lipoprotein receptor activity in cultured skin fibroblasts from octa- and nonagenarians. Leren TP, et al. **Clin Genet** 1985 May;27(5):433-42

Visualization of binding and receptor-mediated uptake of low density lipoproteins by human endothelial cells. Mommaas-Kienhuis AM, et al. **Eur J Cell Biol** 1985 Mar; 36(2):201-8

Visualization of the interaction of native and modified low density lipoproteins with isolated rat liver cells. Mommaas-Kienhuis AM, et al. **Eur J Cell Biol** 1985 Jul; 38(1):42-50

Native and acetylated low density lipoprotein metabolism in proliferating and quiescent bovine endothelial cells in culture. Sanan DA, et al. **Eur J Cell Biol** 1985 Jan; 36(1):81-90

Regulation of low-density lipoprotein receptors in the human hepatoma cell line Hep G2. Illingworth DD, et al. **Exp Cell Res** 1984 Dec;155(2):518-26

Receptor-mediated delivery of photoprotective agents by low-density lipoprotein. Mosley ST, et al. **Exp Cell Res** 1984 Dec;155(2):389-96

Ligand-blotting visualization of the LDL receptor in plasma membranes and in two classes of coated vesicles from adrenocortical cells. Weintraub H, et al. **FEBS Lett** 1985 May 20;184(2):263-7

Regulation of low density lipoprotein receptor function in a human hepatoma cell line. Leichtner AM, et al. **Hepatology** 1984 Sep-Oct;4(5):897-901

Activity and regulation of low density lipoprotein receptors in a human hepatoblastoma cell line. Wu GY, et al. **Hepatology** 1984 Nov-Dec;4(6):1190-4

Effect of clonal senescence on low density lipoprotein-receptor activity of bovine arterial endothelial cells. Bierman EL, et al. **In Vitro** 1984 Oct;20(10):809-14

Low-density lipoprotein receptor binding determinants switch from apolipoprotein E to apolipoprotein B during conversion of hypertriglyceridemic very-low-density lipoprotein to low-density lipoproteins. Bradley WA, et al. **J Biol Chem** 1984 Dec 10;259(23):14728-35

Scavenger function of sinusoidal liver cells. Acetylated low-density lipoprotein is endocytosed via a route distinct from formaldehyde-treated serum albumin. Horiuchi S, et al. **J Biol Chem** 1985 Jan 10;260(1):53-6

Binding of chylomicron remnants and beta-very low density lipoproteins to hepatic and extrahepatic lipoprotein receptors. A process independent of apolipoprotein B48. Hui DY, et al. **J Biol Chem** 1984 Dec 25;259(24):15060-8

Murine macrophage tumors are a source of a 260,000-dalton acetyl-low density lipoprotein receptor. Via DP, et al. **J Biol Chem** 1985 Jun 25;260(12):7379-86

Electric field-induced redistribution and postfield relaxation of low density lipoprotein receptors on cultured human fibroblasts. Tank DW, et al. **J Cell Biol** 1985 Jul; 101(1):148-57

Addition of a mannose-6-phosphate-containing oligosaccharide alters cellular processing of low density lipoprotein by parental and LDL-receptor-defective Chinese hamster ovary cells. Leichtner AM, et al. **J Cell Sci** 1984 Jun;68:183-94

Progress in understanding the LDL receptor and HMG-CoA reductase, two membrane proteins that regulate the plasma cholesterol. Goldstein JL, et al. **J Lipid Res** 1984 Dec 15; 25(13):1450-61 (51 ref.)

Cholesterol metabolism in pigeon aortic smooth muscle cells lacking a functional low density lipoprotein receptor pathway. Randolph RK, et al. **J Lipid Res** 1984 Sep; 25(9):903-12

Pigeon aortic smooth muscle cells lack a functional low density lipoprotein receptor pathway. Randolph RK, et al. **J Lipid Res** 1984 Sep;25(9):888-902

Characterization of low density lipoprotein receptors in freshly isolated leukemic guinea pig lymphocytes (L2C). Sainte-Marie J, et al. **J Recept Res** 1985;5(2-3):171-92

Impaired adrenal reserve in the Watanabe Heritable Hyperlipidemic rabbit: implications for LDL-receptor function in steroidogenesis. Hoeg JM, et al. **Metabolism** 1985 Feb;34(2):194-7

The association of LDL receptor activity, LDL cholesterol level, and clinical course in homozygous familial hypercholesterolemia. Sprecher DL, et al. **Metabolism** 1985 Mar;34(3):294-9

Kinetic defects in the processing of the low density lipoprotein receptor in fibroblasts from WHHL rabbits and a family with familial hypercholesterolemia. Schneider WJ, et al. **Mol Biol Med** 1983 Oct;1(3):353-67

Identification of specific binding sites for acetylated low density lipoprotein in microvillous membranes from human placenta. Alsat E, et al. **Mol Cell Endocrinol** 1985 Jul; 41(2-3):229-35

Low-density lipoprotein binding sites in the microvillous membranes of human placenta at different stages of gestation. Alsat E, et al. **Mol Cell Endocrinol** 1984 Dec; 38(2-3):197-203

The effect of concanavalin A-stimulated mononuclear cells on low density lipoprotein receptor activity of cultured fibroblasts. Hiramatsu K, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):9-16

Low-density lipoprotein receptor deficiency resulting in familial hypercholesterolaemia in a black man. A follow-up study. Coetzee GA, et al. **S Afr Med J** 1985 Feb 16; 67(7):259-61

Cell-released substances interfere with low density lipoprotein receptor determination in fibroblasts. Leren TP, et al. **Scand J Clin Lab Invest** 1985 Jun;45(4):379-85

How LDL receptors influence cholesterol and atherosclerosis. Brown MS, et al. **Sci Am** 1984 Nov; 251(5):58-66 (0 ref.)

Distinct hepatic receptors for low density lipoprotein and apolipoprotein E in humans. Hoeg JM, et al. **Science** 1985 Feb 15;227(4688):759-61

[Hereditary metabolic diseases caused by membrane abnormality] Imamura T. **Nippon Rinsho** 1985 Apr; 43(4):846-50 **(Jpn)**

PHYSIOLOGY

Role of the low density lipoprotein receptor in penetration of low density lipoprotein into rabbit aortic wall. Wiklund O, et al. **Arteriosclerosis** 1985 Mar-Apr;5(2):135-41

Low density lipoprotein receptor regulation. Kinetic models. Chun PW, et al. **Biophys Chem** 1985 Mar;21(3-4):185-209

Diffusion-limited forward rate constants in two dimensions. Application to the trapping of cell surface receptors by coated pits. Goldstein B, et al. **Biophys J** 1984 Nov; 46(5):573-86

Chemically modified low density lipoproteins as inducers of enzyme release from macrophages. Hartung HP, et al. **FEBS Lett** 1985 Jul 8;186(2):211-4

Low-density lipoprotein (LDL) receptors and the regulation of serum LDL levels. Vermeer BJ. **Neth J Med** 1985; 28(2):52-8 (54 ref.)

Endothelial cell-derived chemotactic activity for mouse peritoneal macrophages and the effects of modified forms of low density lipoprotein. Quinn MT, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5949-53

[Progress in LDL receptor research] Cai HJ. **Sheng Li Ko Hsueh Chin Chan** 1984 Jan;15(1):79-82 (24 ref.) **(Chi)**

RECEPTORS, LECTIN see **RECEPTORS, MITOGEN**

RECEPTORS, LOW DENSITY LIPOPROTEINS see **RECEPTORS, LDL**

RECEPTORS, MITOGEN

Recognition proteins, receptors, and probes: invertebrates. Proceedings of a symposium, Recognition and Receptor Display: Lectin Cell Surface Receptors and Probes. December 28, 1983, Philadelphia, Pennsylvania. **Prog Clin Biol Res** 1984;157:1-207

A new surface marker on equine peripheral blood lymphocytes. II. Characterization and separation of purified blood lymphocytes with receptors for Helix pomatia A hemagglutinin (HP). Broström H, et al. **Vet Immunol Immunopathol** 1985 Jan;8(1-2):47-61

A new surface marker on equine peripheral blood lymphocytes. I. Subpopulations of lymphocytes with receptors for Helix pomatia A hemagglutinin (HP). Broström H, et al. **Vet Immunol Immunopathol** 1985 Jan; 8(1-2):35-46

ANALYSIS

Influence of fixation on the lectin binding sites in the rabbit salivary glands. Menghi G, et al. **Acta Histochem (Jena)** 1985;76(1):57-64

Sheep peripheral blood-T-lymphocytes: isolation, separation and surface receptors for Helix pomatia agglutinin and peanut agglutinin from Arachis hypogaea. Mlangwa JE. **Acta Vet Scand** 1984;25(4):536-47

Differences in lectin binding in tissue sections of human and murine malignant tumors and their metastases. Kahn HJ, et al. **Am J Pathol** 1985 Jun;119(3):420-9

125I-wheat germ agglutinin blotting: increased sensitivity with polyvinylpyrrolidone quenching and periodate oxidation/reductive phenylamination. Bartles JR, et al. **Anal Biochem** 1984 Jul;140(1):284-92

An enzyme-linked lectin binding assay for quantitative determination of lectin receptors. van der Schaal IA, et al. **Anal Biochem** 1984 Jul;140(1):48-55

Ultrastructural localization of lectin binding sites of the acrosomal membrane system of boar spermatozoa. Töpfer-Petersen E, et al. **Andrologia** 1984 Nov-Dec; 16(6):538-47

Lectin histochemistry of classic and spermatocytic seminoma. Lee MC, et al. **Arch Pathol Lab Med** 1985 Oct; 109(10):938-42

Studies on platelet surface carbohydrates in normal and uraemic platelets using 125I-labelled lectins. Manso M, et al. **Blut** 1985 May;50(5):287-92

Lectin-binding sites in Paget's disease. Tamaki K, et al. **Br J Dermatol** 1985 Jul;113(1):17-24

Binding of lectins to human mammary tumors: ultrastructural study. Calafat J, et al. **Breast Cancer Res Treat** 1984; 4(3):169-79

Lectin binding sites in cultured human breast cancer cells. Müller-Holzner E, et al. **Breast Cancer Res Treat** 1985; 5(3):277-83

Comparison of binding proteins on the surface of murine tumor cells for two lectins active in the lectin-dependent macrophage-mediated cytotoxic reaction. Ohkuma Y, et al. **Cancer Res** 1985 Sep;45(9):4397-400

Peanut lectin receptors in the early amphibian embryo: regional markers for the study of embryonic induction. Slack JM. **Cell** 1985 May;41(1):237-47

Avian skin embryonal fibroblasts heterogeneity for lectins surface receptors. Caruso A, et al. **Cell Biol Int Rep** 1985 Aug;9(8):709-14

Anatomic distribution of lectin binding sites in mouse testis and epididymis [letter] Niemi M. **Differentiation** 1985; 29(1):98

Reactivity of five N-acetylgalactosamine-recognizing lectins with preimplantation embryos, early postimplantation embryos, and teratocarcinoma cells of the mouse. Sato M, et al. **Differentiation** 1985;29(1):29-38

Platelet-derived growth factor labeled to colloidal gold for use as a mitogenic receptor probe. Handley DA, et al. **Eur J Cell Biol** 1984 Jul;34(2):281-6

Ultrastructural analysis of acute lymphoblastic cells: peanut lectin binding correlates with degree of differentiation of the leukemic cells. Haar JL, et al. **Exp Hematol** 1985 Mar; 13(3):169-73

Lectin binding of surface epithelia and concomitant glands of gallbladder and biliary ducts in the guinea pig. Geleff S, et al. **Histochemistry** 1984;81(6):543-9

Lectin-binding spectra in the hyperplastic human tonsil. Effect of formalin fixation and paraffin embedding on lectin affinity of tissue components. Wirbel R, et al. **Histochemistry** 1984;81(6):551-60

Applications of immunocolloids in light microscopy. III. Demonstration of antigenic and lectin-binding sites in semithin resin sections. Lucocq JM, et al. **J Histochem Cytochem** 1984 Oct;32(10):1075-83

A lectinlike receptor on murine macrophage cell line cells, Mm1: involvement of sialic acid-binding sites in opsonin-independent phagocytosis for xenogeneic red cells. Kyoizumi S, et al. **J Leukocyte Biol** 1985 Mar;37(3):289-304

The localization of lectin-binding sites on Schwann cell basal lamina. Tohyama K. **J Neurocytol** 1985 Feb;14(1):49-61

ConA and WGA receptors in rat skeletal muscles. Changes in density, distribution and composition following denervation. Di Iorio G, et al. **J Neurol Sci** 1985 Jan; 67(1):105-14

Enrichment of high proliferation potential colony forming cells from mouse marrow by selecting low-density cells expressing receptors for wheat germ agglutinin. Baines P, et al. **Leuk Res** 1984;8(5):853-61

Recognition receptors in annelids. Cooper EL, et al. **Prog Clin Biol Res** 1984;157:43-54

Immunohistochemical evaluation of factor VIII related antigen, filament proteins and lectin binding in haemangiomas. Hosaka M, et al. **Virchows Arch [A]** 1985; 407(3):237-47

[Immunological diagnosis of cutaneous lymphomas. II. Membrane receptor for Helix pomatia lectin on lymphocytes: a new immunohistological marker for T-lymphocytes and Sezary cells] Trost TH. **Z Hautkr** 1985 Jan;60(1-2):67-70 (Eng. Abstr.) **(Ger)**

[Surface markers on human testicular embryonal carcinoma cells] Motoyama T. **Nippon Hinyokika Gakkai Zasshi** 1985 Jan;76(1):74-80 (Eng. Abstr.) **(Jpn)**

[Quantification of lectin receptors on B, T, T-gamma, and T-mu lymphocytes. II. PHA, SBA, Dolichos biflorus, and Tetragonolobus purpureus] de Dios I, et al. **Rev Esp Fisiol** 1984 Sep;40(3):265-70 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Interaction of lectins with membrane receptors on erythrocyte surfaces. Sung LA, et al. **J Cell Biol** 1985 Aug; 101(2):646-51

[Effects of sialidase on the lectin binding sites in the monkey retina] Uehara F, et al. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):299-304 (Eng. Abstr.) **(Jpn)**

[The effect of thrombin on platelet membrane glycoproteins measured by lectins] Manso M, et al. **Sangre (Barc)** 1984; 29(4-A):391-8 (Eng. Abstr.) **(Spa)**

GENETICS

Aggregation-deficient embryonal carcinoma cells: defects in peanut agglutinin (PNA) receptors. Kartha S, et al. **Differentiation** 1985;29(1):77-81

Genetic and biochemical analysis of mutation(s) affecting ricin internalization in Chinese hamster ovary cells. Wellner RB, et al. **J Biol Chem** 1984 Oct 25;259(20):12788-93

An allelic difference determines reciprocal patterns of expression of binding sites for Dolichos biflorus lectin in inbred strains of mice. Ponder BA, et al. **J Embryol Exp Morphol** 1985 Jun;87:229-39

Osmotically induced microinjection of ricin bypasses a ricin internalization defect in a Chinese hamster ovary mutant cell line. Ghosh PC, et al. **Mol Cell Biol** 1984 Jul; 4(7):1320-5

Membrane mutants of animal cells: rapid identification of those with a primary defect in glycosylation. Stanley P. **Mol Cell Biol** 1985 May;5(5):923-9

IMMUNOLOGY

The mitogenic lectin from Phaseolus vulgaris does not recognize the T3 antigen of human T lymphocytes. Kanellopoulos JM, et al. **Eur J Immunol** 1985 May; 15(5):479-86

A membrane glycoprotein involved in teratocarcinoma cell adhesion to substratum. Ozawa M, et al. **Exp Cell Res** 1985 May;158(1):127-43

Macrophage complement and lectin-like receptors bind leishmania in the absence of serum. Blackwell JM, et al. **J Exp Med** 1985 Jul 1;162(1):324-31

Antiproliferative monoclonal antibodies: detection and initial characterization. Vaickus L, et al. **J Immunol** 1985 Sep; 135(3):1987-97

Postoperative immunization with peanut agglutinin-binding glycoprotein from Lewis lung carcinoma in mice. Yamamura M, et al. **J Surg Res** 1985 Jan;38(1):39-44

Role of molluscan lectins in recognition processes. Cheng TC, et al. **Prog Clin Biol Res** 1984;157:1-15

Tunicate leucocyte receptors and hemolymph lectins. Wright RK, et al. **Prog Clin Biol Res** 1984;157:115-24

METABOLISM

Ultrastructural localization of lectin receptors on cerebral endothelium. Nag S. **Acta Neuropathol (Berl)** 1985; 66(2):105-10

The glycocalyx of the mouse uterine luminal epithelium during estrus, early pregnancy, the peri-implantation period, and delayed implantation. I. Acquisition of Ricinus communis I binding sites during pregnancy. Chávez DJ, et al. **Biol Reprod** 1985 Jun;32(5):1135-42

Receptor for the cell binding site of discoidin I. Gabius HJ, et al. **Cell** 1985 Sep;42(2):449-56

The effect of specific glycosidases on Ricinus communis agglutinin binding to cell surfaces of two tumor sublines. A comparative flow-cytometric study. Bohn B, et al. **Cell Biophys** 1984 Sep;6(3):171-81

Classification of skeletal muscle fibers by comparison of enzyme histochemistry with lectin binding. Yamagami T, et al. **Cell Mol Biol** 1985;31(4):241-9

Developmentally regulated plasmalemmal glycoconjugates of the surface and neural ectoderm. Currie JR, et al. **Dev Biol** 1984 Nov;106(1):109-20

Lectin-binding to hemocytes of Mytilus edulis. Renwrantz L, et al. **Dev Comp Immunol** 1985 Spring;9(2):203-10

Distinct properties of receptors for Dolichos biflorus agglutinin (DBA) isolated from small intestine of adult mice and endoderm cells of early embryos and teratocarcinomas. Arita Y, et al. **Differentiation** 1985;28(3):254-9

Micro-heterogenous expression of peanut agglutinin-binding sites in the extracellular matrix of cultured cells. Trejdosiewicz LK, et al. **Exp Cell Res** 1985 Jan; 156(1):153-63

Lectin binding properties of human follicular center lymphocytes and follicular (nodular) lymphomas. Strauchen JA. **Hematol Oncol** 1985 Jan-Mar;3(1):11-23

The use of colloidal gold complexes in an ultrastructural study of lectin-binding sites and matrix deposition of normal human primary breast epithelium on collagen gels. Peachey LA, et al. **Histochem J** 1984 Aug;16(8):819-34

Lectin-binding patterns on the plasma membranes of dissociated rat liver cells. Kawakami H, et al. **Histochemistry** 1984;80(5):415-20

Progressive muscular dystrophy (Duchenne): biochemical studies by flow-cytometry. Hirsch-Kauffmann M, et al. **Hum Genet** 1985;69(4):332-6

Localization of lectin receptors on bovine photoreceptor cells using dextran-gold markers. Hicks D, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):1002-13

Binding and cytotoxicity of Ricinus communis lectins to HeLa cells, Sarcoma 180 ascites tumor cells and erythrocytes. Oda T, et al. **J Biochem (Tokyo)** 1984 Aug; 96(2):377-84

The glycoprotein-bound large carbohydrates from embryonal carcinoma cells carry receptors for several lectins recognizing N-acetylgalactosamine and galactose. Ozawa M, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):317-24

Wheat germ agglutinin blocks the acrosome reaction in Strongylocentrotus purpuratus sperm by binding a 210,000-mol-wt membrane protein. Podell SB, et al. **J Cell Biol** 1984 Nov;99(5):1598-604

Lectin receptor proximity on HL-60 leukemia cells determined by fluorescence energy transfer using flow cytometry. Jenis DM, et al. **J Cell Physiol** 1984 Dec; 121(3):501-7

Localization of binding sites for concanavalin A, Ricinus communis I and Helix pomatia lectin in the Golgi apparatus of rat small intestinal absorptive cells. Pavelka M, et al. **J Histochem Cytochem** 1985 Sep;33(9):905-14

Differential effects of protease digestion on photoreceptor lectin binding sites. Wood JG, et al. **J Histochem Cytochem** 1985 Jul;33(7):642-6

Lectin binding to cystic stages of Taenia taeniaeformis. Sandeman RM, et al. **J Parasitol** 1984 Oct;70(5):661-7

Characterization of the carbohydrates of Schistosoma japonicum adult worm, egg and cercaria by analysis of lectin binding and antibody reaction. Beisler GK, et al. **Jpn J Exp Med** 1984 Dec;54(6):263-73

Morphological variability, lectin binding and Na+,K+-activated adenosine triphosphatase activity of isolated Müller (glial) cells from the rabbit retina. Reichenbach A, et al. **Neurosci Lett** 1985 Mar 22; 55(1):29-34

ABO.MN antigenicities and lectin receptor activities of old and young human erythrocytes. Shinozuka T, et al. **Nippon Hoigaku Zasshi** 1984 Aug;38(4):397-402

Interaction of endothelial cell growth factor with heparin: characterization by receptor and antibody recognition. Schreiber AB, et al. **Proc Natl Acad Sci USA** 1985 Sep; 82(18):6138-42

Crab lectins: receptor specificity and biomedical applications. Ravindranath MH, et al. **Prog Clin Biol Res** 1984;157:83-96

PHYSIOLOGY

Lectin-membrane interactions. Information from model systems. Grant CW, et al. **Biochim Biophys Acta** 1984 Dec 4;779(4):403-22 (114 ref.)

Characterization of the in vitro interaction of PNAhi lymphocytes with the bone marrow and hepatic asialoglycoprotein receptors. Samlowski WE, et al. **Cell Immunol** 1985 Oct 1;95(1):1-14

Extracellular glycosaminoglycans (GAG) released by chick embryonic fibroblasts. A possible involvement of surface receptors. Evangelisti R, et al. **Cell Tissue Res** 1984; 238(2):241-5

Lectin-dependent attachment of Actinomyces naeslundii to receptors on epithelial cells. Brennan MJ, et al. **Infect Immun** 1984 Nov;46(2):459-64

RECEPTORS, MORPHINE see **RECEPTORS, ENDORPHIN**

RECEPTORS, MUSCARINIC

Solubilization and characterization of muscarinic receptors from bovine brain. Baron B, et al. **Life Sci** 1984 Dec 10; 35(24):2407-14

Muscarinic acetylcholine receptors in chick heart: influence of heat and N-ethylmaleimide on receptor conformations and interactions with guanine nucleotide-dependent regulatory proteins. Aronstam RS, et al. **Neurosci Lett** 1985 Mar 15;54(2-3):289-94

ANALYSIS

Muscarinic receptors in isolated gastric fundic mucosal cells. Binding-activity relationships. Magous R, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2269-74

Structure-function studies of canine cardiac sarcolemmal membranes. I. Estimation of receptor site densities. Colvin RA, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):601-8

Regional distribution of neurotransmitter receptors in the visual structures of the rat brain. Schliebs R, et al. **Biomed Biochim Acta** 1984;43(10):1119-25

Muscarinic acetylcholine receptors are localized on striatal cyclic GMP-containing neurons. Ariano MA. **Brain Res** 1985 May 13;334(1):152-6

Analysis of muscarinic receptor concentration and subtypes following lesion of rat substantia innominata. de Belleroche J, et al. **Brain Res** 1985 Aug 12;340(2):201-9

Muscarinic cholinergic receptors in human infant forebrain: [3H]quinuclidinyl benzilate binding in homogenates and quantitative autoradiography in sections. Johnston MV, et al. **Brain Res** 1985 Apr;351(2):195-203

Circadian variations in radioligand binding to muscarine receptors in rat brain dependent upon endogenous agonist occupation. Mash DC, et al. **Brain Res** 1985 Apr 1; 331(1):35-8

Muscarinic cholinergic receptors in the retina of the larval tiger salamander. Polans AS, et al. **Brain Res** 1985 Aug 12;340(2):355-62

Brain muscarinic receptors in senile dementia. Rinne JO, et al. **Brain Res** 1985 Jun 10;336(1):19-25

Differentiation of muscarinic cholinergic receptors in acinar carcinoma of rat pancreas. Chien JL, et al. **Cancer Res** 1985 Oct;45(10):4858-63

Muscarinic receptors in rat nasal glands. Klaassen AB, et al. **Cell Biol Int Rep** 1985 Jun;9(6):521

Recovery of the muscarinic cholinergic receptor from its down-regulation in cultured smooth muscle. Higuchi H, et al. **Eur J Pharmacol** 1985 Feb 26;109(2):161-71

Comparative localization of putative pre- and postsynaptic markers of muscarinic cholinergic nerve terminals in rat brain. Quirion R. **Eur J Pharmacol** 1985 May 8;111(2):287-9

Heterogeneity of muscarinic receptors in the guinea pig esophageal muscularis mucosae and ileal longitudinal muscle. Kamikawa Y, et al. **Gastroenterology** 1985 Mar; 88(3):706-16

Qualitative and quantitative analysis of muscarinic acetylcholine receptors in the piebald lethal mouse model of Hirschsprung's disease. Ueki S, et al. **Gastroenterology** 1985 Jun;88(6):1834-41

Muscarinic receptor subtypes in the central nervous system. Hoss W, et al. **Int Rev Neurobiol** 1985;26:151-99 (245 ref.)

Muscarinic acetylcholine receptor structure in acinar cells of mammalian exocrine glands. Hootman SR, et al. **J Biol Chem** 1985 Apr 10;260(7):4186-94

Molecular alteration of a muscarinic acetylcholine receptor system during synaptogenesis. Large TH, et al. **J Biol Chem** 1985 Jul 25;260(15):8873-81

L6 cells as a tissue culture model for thyroid hormone effects on skeletal muscle metabolism. Koenig RJ, et al. **J Clin Invest** 1985 Aug;76(2):878-81

Muscarinic receptors on intact human fibroblasts. Absence of receptor activity in adult skin cells. Van Riper DA, et al. **J Clin Invest** 1985 Aug;76(2):882-6

Cholinergic supersensitivity and decreased number of muscarinic receptors in atria from short-term diabetic rats. Carrier GO, et al. **J Mol Cell Cardiol** 1984 Oct;16(10):963-5

Muscarinic cholinergic receptors in rabbit retina. Neal MJ, et al. **J Pharm Pharmacol** 1985 Jan;37(1):60-1

Quantitation and stability of cholinergic receptors in human bladder tissue from post surgical and postmortem sources. Anderson GF, et al. **J Urol** 1985 May;133(5):897-9

Characterization of the muscarinic cholinoceptors in the human detrusor. Nilvebrant L, et al. **J Urol** 1985 Aug; 134(2):418-23

Muscarinic cholinergic receptors in bladder exstrophy: insights into surgical management. Shapiro E, et al. **J Urol** 1985 Aug;134(2):308-10

High affinity binding of [3H]acetylcholine to muscarinic receptors. Regional distribution and modulation by guanine nucleotides. Gurwitz D, et al. **Mol Pharmacol** 1985 Sep; 28(3):297-305

Failure to confirm muscarinic receptors on skin fibroblasts [letter] **N Engl J Med** 1985 Mar 28;312(13):861-2

Functional reconstitution of purified muscarinic receptors and inhibitory guanine nucleotide regulatory protein. Haga K, et al. **Nature** 1985 Aug 22-28;316(6030):731-3

Regional heterogeneity of muscarinic acetylcholine receptors from rat brain is retained after detergent solubilization. Wenger DA, et al. **Neurosci Lett** 1985 Feb 28;54(1):65-70

Muscarinic cholinergic receptor in the human heart evidenced under physiological conditions by positron emission tomography. Syrota A, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):584-8

[The muscarinic-cholinergic receptors of cultured heart cells] Mundt S, et al. **Pharmazie** 1984 Oct;39(10):712 **(Ger)**

[Subclasses of muscarinic receptors: their distribution in various areas of the brain of the human fetus at different stages of pregnancy] Palomba M, et al. **Ann Ostet Ginecol Med Perinat** 1984 Jul-Aug; 105(4):238-45 (Eng. Abstr.) **(Ita)**

BIOSYNTHESIS

Induction of muscarinic cholinergic responsiveness in Xenopus oocytes by mRNA isolated from rat brain. Sugiyama H, et al. **Brain Res** 1985 Jul 15;338(2):346-50

CLASSIFICATION

Quaternary forms of classical muscarinic antagonists distinguish subpopulations of muscarinic receptors: correlation with gallamine-defined subpopulations. Ellis J, et al. **Biochem Biophys Res Commun** 1985 Feb 15; 126(3):1242-50

DRUG EFFECTS

Adenylate cyclase modulation by ammonium ion: GTP-like effect on muscarinic and alpha 2-adrenergic receptors. Ransnäs L, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 May;56(5):382-90

Prostaglandin E2 in basal gastric secretion and during stimulation of muscarinic receptors in man. Measurements with gas chromatography--mass spectrometry. Aly A, et al. **Acta Physiol Scand** 1984 Dec;122(4):583-8

Comparative effects of urapidil, prazosin, and clonidine on ligand binding to central nervous system receptors, arterial pressure, and heart rate in experimental animals. Kellar KJ, et al. **Am J Med** 1984 Oct 5;77(4A):87-95

Attenuation of muscarinic cholinergic inhibition by islet-activating protein in the heart. Endoh M, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):H309-20

Comparison of the effects of verapamil and nifedipine on airway muscarinic reactivity and receptors. Cheng JB, et al. **Arch Int Pharmacodyn Ther** 1985 Jan;273(1):47-61

Chronic anethole trithione treatment enhances the salivary secretion and increases the muscarinic acetylcholine receptors in the rat submaxillary gland. Ukai Y, et al. **Arch Int Pharmacodyn Ther** 1984 Oct;271(2):206-12

Effect of reduced oxygen intermediates on sarcolemmal muscarinic receptors from canine heart. Arora RC, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):133-40

Pertussis toxin does not inhibit muscarinic-receptor-mediated phosphoinositide hydrolysis or calcium mobilization. Masters SB, et al. **Biochem J** 1985 May 1;227(3):933-7

Ellipticine derivatives interact with muscarinic receptors. Alberici GF, et al. **Biochem Pharmacol** 1985 May 15; 34(10):1701-4

Modulation of rat pancreatic muscarinic cholinergic receptors by caerulein. Delhaye M, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):1057-63

Characterization of the interactions of gallamine with muscarinic receptors from brain. Ellis J, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2214-7

Interaction of phenoxybenzamine with muscarinic receptors and calcium channels. Gengo PJ, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3445-9

Effects of dihydropyridine calcium channel blocking drugs on rat brain muscarinic and alpha-adrenergic receptors. Thayer SA, et al. **Biochem Pharmacol** 1985 Jan 15; 34(2):175-80

Agonist mediated conformational changes of solubilized calf forebrain muscarinic acetylcholine receptors. Vanderheyden P, et al. **Biochem Pharmacol** 1984 Oct 1; 33(19):2981-7

Lithium's effects on muscarinic receptor binding parameters: a relationship to therapeutic efficacy? Dilsaver SC. **Biol Psychiatry** 1984 Nov;19(11):1551-65 (64 ref.)

Alterations in cholinergic receptors mediate the effects of dexamethasone on corticosterone. Gershon S, et al. **Biol Psychiatry** 1985 Apr;20(4):458-60

Muscarinic subsensitivity without receptor change in monkey ciliary muscle. Bárány EH. **Br J Pharmacol** 1985 Jan; 84(1):193-8

A search for selective antagonists at M2 muscarinic receptors. Barlow RB, et al. **Br J Pharmacol** 1985 Jun;85(2):427-35

The relative potencies of some agonists at M2 muscarinic receptors in guinea-pig ileum, atria and bronchi. Barlow RB, et al. **Br J Pharmacol** 1985 Jun;85(2):437-40

Solubilization and characterization of guanine nucleotide-sensitive muscarinic agonist binding sites from rat myocardium. Berrie CP, et al. **Br J Pharmacol** 1984 Aug;82(4):853-61

Determination of the muscarinic receptor subtype mediating vasodilatation. Eglen RM, et al. **Br J Pharmacol** 1985 Jan; 84(1):3-5

Muscarinic inhibitory receptors in pulmonary parasympathetic nerves in the guinea-pig. Fryer AD, et al. **Br J Pharmacol** 1984 Dec;83(4):973-8

The determination of presynaptic KA values of methacholine and pilocarpine and of a presynaptic receptor reserve in the rat perfused heart. Fuchs P, et al. **Br J Pharmacol** 1985 Jan;84(1):35-46

Affinity and efficacy of racemic, (+)-, and (-)-methacholine in muscarinic inhibition of [3H]-noradrenaline release. Fuder H, et al. **Br J Pharmacol** 1985 Feb;84(2):477-87

Neurotoxicity of dipiperidinoethane due to in vivo conversion to a selective cholinesterase inhibitor. Baron BM, et al. **Brain Res** 1985 Apr 1;331(1):164-7

Selective facilitatory effect of vasoactive intestinal polypeptide (VIP) on muscarinic firing in vesical ganglia of the cat. Kawatani M, et al. **Brain Res** 1985 Jun 17; 336(2):223-34

Role of the central muscarinic receptor of prostaglandin I2 in cardiovascular function in rat. Saito R, et al. **Brain Res** 1985 Mar 18;330(1):167-9

Interaction of bretylium tosylate with rat cardiac muscarinic receptors. Possible pharmacological relevance to antiarrhythmic action. Schreiber G, et al. **Circ Res** 1984 Nov;55(5):653-9

Interaction of choline with nicotinic and muscarinic cholinergic receptors in the rat brain in vitro. Costa LG, et al. **Clin Exp Pharmacol Physiol** 1984 Nov-Dec; 11(6):649-54

Glucose exerts opposite effects on muscarinic receptor binding to A and B cells of the endocrine pancreas. Ostenson CG, et al. **Endocrinology** 1985 May;116(5):1741-4

Interaction of amoxapine with muscarinic cholinergic receptors: an in vitro assessment. Coupet J, et al. **Eur J Pharmacol** 1985 Jun 7;112(2):231-5

Comparison of affinities of muscarinic antagonists to pre- and postjunctional receptors in the guinea-pig ileum. Kilbinger H, et al. **Eur J Pharmacol** 1984 Aug 17; 103(3-4):313-20

Differential antagonism by dicyclomine, pirenzepine and secoverine at muscarinic receptor subtypes in the rat frontal cortex. Marchi M, et al. **Eur J Pharmacol** 1985 Jan 2; 107(2):287-8

Pre- and postjunctional adreno- and muscarinic receptor functions in the isolated human corpus spongiosum urethrae. Hedlund H, et al. **J Auton Pharmacol** 1984 Dec; 4(4):241-9

Comparison of the responses to drugs acting on adrenoreceptors and muscarinic receptors in human isolated corpus cavernosum and cavernous artery. Hedlund H, et al. **J Auton Pharmacol** 1985 Mar;5(1):81-8

Effects of Na+ on the muscarinic cholinergic receptor of rat ventricular myocytes. Buxton IL, et al. **J Cardiovasc Pharmacol** 1985 May-Jun;7(3):476-81

Interaction of the antiarrhythmic drug amiodarone with the muscarinic receptor in rat heart and brain. Cohen-Armon M, et al. **J Cardiovasc Pharmacol** 1984 Nov-Dec; 6(6):1148-55

Inhibition of muscarinic receptor binding and acetylcholine-induced contraction of guinea pig ileum by analogues of 5'-(isobutylthio)adenosine. Pankaskie MC, et al. **J Med Chem** 1985 Aug;28(8):1117-9

Interactions of amantadine with the cardiac muscarinic receptor. Freeman SE, et al. **J Mol Cell Cardiol** 1985 Jan; 17(1):9-21

The effect of cholinergic agonists on coronary flow rate and oxygen consumption in isolated perfused rat heart. Nuutinen EM, et al. **J Mol Cell Cardiol** 1985 Jan; 17(1):31-42

In vivo and in vitro studies on the potentiation of muscarinic receptor stimulation by alaproclate, a selective 5-HT uptake blocker. Ogren SO, et al. **J Neural Transm** 1985; 61(1-2):1-20

Reduction of muscarinic acetylcholine receptor number and affinity by an endogenous substance. Creazzo TL, et al. **J Neurochem** 1985 Sep;45(3):710-8

Muscarinic receptor subclasses in the chick embryo retina: influence of corticosterone treatment. Gremo F, et al. **J Neurochem** 1985 Aug;45(2):345-51

Possible allosteric interaction of 4-aminopyridine with rat brain muscarinic acetylcholine receptors. Lai WS, et al. **J Neurochem** 1985 Jun;44(6):1936-42

Muscarinic acetylcholine receptors in the rabbit ciliary body smooth muscle: spare receptors and threshold phenomenon. Konno F, et al. **Jpn J Pharmacol** 1985 May;38(1):91-9

Electrical and mechanical events through activation of muscarinic receptor in the smooth muscle of guinea-pig vas deferens. Wakui M, et al. **Jpn J Physiol** 1984; 34(3):557-60

Inhibitory effects of quinidine on rat heart muscarinic receptors. Waelbroeck M, et al. **Life Sci** 1984 Sep 3; 35(10):1069-76

Muscarinic responses and binding in a murine neuroblastoma clone (N1E-115). Mediation of separate responses by high affinity and low affinity agonist-receptor conformations. McKinney M, et al. **Mol Pharmacol** 1985 Feb;27(2):223-35

The interaction of McN-A-343 with pirenzepine and other selective muscarine receptor antagonists at a prejunctional muscarine receptor. Choo LK, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Feb; 328(4):430-8

Correlation of muscarinic receptor induction in the ventromedial hypothalamic nucleus with the activation of feminine sexual behavior by estradiol. Rainbow TC, et al. **Neuroendocrinology** 1984 Nov;39(5):476-80

Activation of muscarinic receptors on striatal synaptosomes increases the release of endogenous dopamine. Bonanno G, et al. **Neuropharmacology** 1985 Mar;24(3):261-4

Grooming behavior induced by ACTH involves cerebral cholinergic neurons and muscarinic receptors. Dunn AJ, et al. **Neuropharmacology** 1985 Apr;24(4):329-31

Pirenzepine indicates heterogeneity of muscarinic receptors linked to cerebral inositol phospholipid metabolism. Lazareno S, et al. **Neuropharmacology** 1985 Jun;24(6):593-5

Vasoactive intestinal polypeptide facilitates muscarinic transmission in mammalian sympathetic ganglia. Mo N, et al. **Neurosci Lett** 1984 Nov 23;52(1-2):19-23

Enhancement of memory by a cholinesterase inhibitor associated with muscarinic receptor down-regulation. Lerer B, et al. **Pharmacol Biochem Behav** 1984 Sep; 21(3):467-9

Tolerance, cross-tolerance, and receptors after chronic nicotine or oxotremorine. Marks MJ, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):283-91

Comparative study of pA2 values of pirenzepine and atropine for guinea-pig gastric fundus and gastric smooth muscle. Del Tacca M, et al. **Pharmacology** 1984;29(6):329-35

Pharmacological and anatomical aspects of cholinergic activation of female sexual behavior. Dohanich GP, et al. **Physiol Behav** 1984 Jun;32(6):1021-6

Batrachotoxin changes the properties of the muscarinic receptor in rat brain and heart: possible interaction(s) between muscarinic receptors and sodium channels. Cohen-Armon M, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3524-7

Different effects of N-ethylmaleimide on M1 and M2 muscarine receptors in rat brain. Flynn DD, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):580-3

Lithium ions inhibit function of low- but not high-affinity muscarinic receptors of murine neuroblastoma cells (clone N1E-115). Kanba S, et al. **Psychopharmacology (Berlin)** 1985;86(4):413-6

Emerging strategies in ulcer therapy: pumps and receptors. Berglindh T, et al. **Scand J Gastroenterol [Suppl]** 1985; 108:7-14 (42 ref.)

The resistance of the cardiac muscarinic receptor to chronic ethanol ingestion in the rat. Posner P, et al. **Subst Alcohol Actions Misuse** 1984;5(4):185-92

In vitro modulation of bovine caudate muscarinic receptor number by organophosphates and carbamates. Volpe LS, et al. **Toxicol Appl Pharmacol** 1985 Apr;78(2):226-34

[M-cholinoreceptor-mediated inhibition of Na, K-ATPase activity in the myocardial sarcolemma and intestinal smooth muscles by acetylcholine] Danilenko MP, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):259-61 (Eng. Abstr.) **(Rus)**

[Comparative study of the muscarinic cholinoreceptors of the glial cells in the human and rat cerebral cortex] Demushkin VP, et al. **Biull Eksp Biol Med** 1984 Nov; 98(11):572-3 (Eng. Abstr.) **(Rus)**

[Effect of RNA on the M-cholinoreceptor activity of the frog heart] Turpaev TM, et al. **Dokl Akad Nauk SSSR** 1984 Nov-Dec;279(1):250-2 **(Rus)**

[Comparative sensitivity of the m-cholinoreceptors in various sites to cholinotropic agents] Angelova LA. **Farmakol Toksikol** 1985 Mar-Apr;48(2):115-20 **(Rus)**

GENETICS

Beta-adrenergic and muscarinic cholinergic receptors: overlap in their genetic determination. Nagy A, et al. **J Neurosci Res** 1984;12(4):607-13

ISOLATION & PURIFICATION

Heterogeneity of solubilized muscarinic cholinergic receptors: binding and hydrodynamic properties. Baron B, et al. **Arch Biochem Biophys** 1985 Jul;240(1):281-96

Solubilization and characterization of high and low affinity pirenzepine binding sites from rat cerebral cortex. Berrie CP, et al. **Br J Pharmacol** 1985 Jul;85(3):697-703

Hydrodynamic properties of muscarinic acetylcholine receptors solubilized from rat forebrain. Berrie CP, et al. **Br J Pharmacol** 1984 Aug;82(4):839-51

Muscarinic cholinergic receptor of rat brain. Factors influencing migration in electrophoresis and gel filtration in sodium dodecyl sulphate. Dadi HK, et al. **Eur J Biochem** 1984 Nov 2;144(3):617-28

METABOLISM

Subcellular distribution and postnatal development of cholinergic marker proteins in the striatum of rat. Gulya K, et al. **Acta Biol Hung** 1983;34(4):395-405

Influence of thiol groups, calcium, and glucose metabolism on cholinergic-induced insulin release and on methylscopolamine binding to muscarinic receptors in pancreatic islets of the rat. Grill V, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):355-60

Effects of acute ketotic and non-ketotic diabetes on the myocardial muscarinic receptors. Bergh CH, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Nov;55(5):373-9

In vitro autoradiographic studies of 3H-alpha-bungarotoxin and 3H-quinuclidinylbenzilate binding in rat hind limb muscles. Gillberg PG, et al. **Acta Physiol Scand** 1984 Apr; 120(4):617-20

Evidence that halothane inhibits norepinephrine release from sympathetic nerve endings in dog saphenous vein by stimulation of presynaptic inhibitory muscarinic receptors. Rorie DK, et al. **Anesth Analg** 1984 Dec;63(12):1059-64

Selective labelling of M1-receptors in autonomic ganglia with 3H-pirenzepine. Giraldo E, et al. **Arzneimittelforsch** 1985;35(1A):325-8

Interactions of quinidine and lidocaine with rat brain and heart muscarinic receptors. Cohen-Armon M, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):326-32

Carbachol induces desensitization of cardiac beta-adrenergic receptors through muscarinic M1 receptors. Limas CJ, et al. **Biochem Biophys Res Commun** 1985 Apr 30; 128(2):699-704

Attenuation of chick heart adenylate cyclase by muscarinic receptors after pertussis toxin treatment. McMahon KK, et al. **Biochem Biophys Res Commun** 1985 Jan 16; 126(1):622-9

Tumor promoter phorbol 12-myristate, 13-acetate inhibits phosphoinositide hydrolysis and cytosolic Ca2+ rise induced by the activation of muscarinic receptors in PC12 cells. Vicentini LM, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):310-7

Properties of receptor-controlled inositol trisphosphate formation in parotid acinar cells. Aub DL, et al. **Biochem J** 1985 Jan 1;225(1):263-6

Further evidence that muscarinic cholinergic receptors of 1321N1 astrocytoma cells couple to a guanine nucleotide regulatory protein that is not Ni. Martin MW, et al. **Biochem J** 1985 Jul 15;229(2):539-44

Muscarinic-receptor stimulation enhances polyphosphoinositide breakdown in guinea-pig ileum smooth muscle. Sekar MC, et al. **Biochem J** 1984 Oct 15; 223(2):527-31

Trihexyphenidyl--further evidence for muscarinic receptor subclassification. Tien XY, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):588-90

Competitive binding of the oximes HI-6 and 2-PAM with regional brain muscarinic receptors. Valdes JJ, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2815-8

Fatty acid incorporation increases the affinity of muscarinic cholinergic receptors for agonists. Baron B, et al. **Biochim Biophys Acta** 1984 Oct 16;801(3):342-50

Effect of activation of muscarinic receptors on intracellular free calcium and secretion in bovine adrenal chromaffin cells. Cheek TR, et al. **Biochim Biophys Acta** 1985 Jul 30; 846(1):167-73

Muscarinic acetylcholine receptor activation causes inhibition of cyclic AMP accumulation, prolactin and growth hormone secretion in GH3 rat anterior pituitary tumour cells. Wojcikiewicz RJ, et al. **Biochim Biophys Acta** 1984 Sep 14;805(1):25-9

Distribution of muscarinic receptors on cultured myenteric neurons. Buckley NJ, et al. **Brain Res** 1984 Sep 17; 310(1):133-7

Heterogeneity of muscarinic cholinergic receptors in the developing chick embryo retina. Marchisio AM, et al. **Brain Res** 1985 Jan 28;325(1-2):381-4

Different interactions of steric isomers of hexobarbital to muscarinic agonist and antagonist binding sites in brain. Nordberg A, et al. **Brain Res** 1984 Sep 17;310(1):189-92

Autoradiographic localization of muscarinic agonist binding sites in the rat central nervous system with (+)-cis-[3H]methyldioxolane. Yamamura HI, et al. **Brain Res** 1985 Jan 28;325(1-2):340-4

Computer-assisted image analysis to quantify regional and specific receptor ligand binding: upregulation of [3H]QNB and [3H]WB4101 binding in denervated hippocampus. Tayrien MW, et al. **Brain Res Bull** 1984 Dec;13(6):743-50

Comparison of the affinity of secoverine for some muscarinic receptors. Choo LK, et al. **Clin Exp Pharmacol Physiol** 1985 Jan-Feb;12(1):95-8

Alpha 1- and beta-adrenergic and muscarinic cholinergic receptors in guinea-pig nasal mucosa. Ishibe T, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):107-12

Anomalous binding of [3H]N-methylscopolamine to rat brain muscarinic receptors. Lee JH, et al. **Eur J Pharmacol** 1985 Apr 2;110(2):263-6

Agonist binding to multiple muscarinic receptors. Vickroy TW, et al. **Fed Proc** 1984 Oct;43(13):2785-90 (44 ref.)

Interaction of muscarinic drugs with their receptor. Takayanagi I, et al. **Gen Pharmacol** 1985;16(3):269-72

Muscarinic cholinergic receptors in pancreatic acinar carcinoma of rat. Taton G, et al. **Int J Cancer** 1985 Apr 15;35(4):493-7

Receptor-selective localization in pancreas. Gibson RE, et al. **Int J Nucl Med Biol** 1985;12(1):29-32

Reconstitution of resolved muscarinic cholinergic receptors with purified GTP-binding proteins. Florio VA, et al. **J Biol Chem** 1985 Mar 25;260(6):3477-83

Guanine nucleotide regulation of a mammalian myocardial muscarinic receptor system. Evidence for homo- and heterotropic cooperativity in ligand binding analyzed by computer-assisted curve fitting. Mattera R, et al. **J Biol Chem** 1985 Jun 25;260(12):7410-21

Rate constants of agonist binding to muscarinic receptors in rat brain medulla. Evaluation by competition kinetics. Schreiber G, et al. **J Biol Chem** 1985 Jul 25; 260(15):8795-802

Analysis of ligand binding to receptors by competition kinetics. Application to muscarinic antagonists in rat brain cortex. Schreiber G, et al. **J Biol Chem** 1985 Jul 25; 260(15):8789-94

Partial functional reconstitution of the cardiac muscarinic cholinergic receptor. Shreeve SM, et al. **J Biol Chem** 1984 Oct 25;259(20):12398-402

Disopyramide and quinidine bind with inverse selectivity to muscarinic receptors in cardiac and extracardiac rat tissues. Schreiber G, et al. **J Cardiovasc Pharmacol** 1985 Mar-Apr; 7(2):390-3

Alpha-adrenoreceptors and muscarine receptors in human pial arteries and microvessels: a receptor binding study. Ferrari-DiLeo G, et al. **J Cereb Blood Flow Metab** 1985 Sep;5(3):458-64

Patterns of muscarinic cholinergic binding in the striatum and their relation to dopamine islands and striosomes. Nastuk MA, et al. **J Comp Neurol** 1985 Jul 8;237(2):176-94

Age-related changes in cardiac muscarinic receptors: decreased ability of the receptor to form a high affinity agonist binding state. Baker SP, et al. **J Gerontol** 1985 Mar; 40(2):141-6

Regional distribution of muscarinic acetylcholine receptors in the telencephalon of the pigeon (Columbia livia f. domestica). Wächtler K. **J Hirnforsch** 1985;26(1):85-9

Acetylcholine receptors in small cell carcinomas. Cunningham JM, et al. **J Neurochem** 1985 Jul;45(1):159-67

Endogenous inhibitor of ligand binding to the muscarinic acetylcholine receptor. Diaz-Arrastia R, et al. **J Neurochem** 1985 Feb;44(2):622-8

Regional differences in the coupling of muscarinic receptors to inositol phospholipid hydrolysis in guinea pig brain. Fisher SK, et al. **J Neurochem** 1985 Oct;45(4):1085-95

Muscarinic receptors and hydrolysis of inositol phospholipids in rat cerebral cortex and parotid gland. Jacobson MD, et al. **J Neurochem** 1985 Feb;44(2):465-72

Muscarinic and nicotinic cholinergic binding sites in the terminal abdominal ganglion of the cricket (Acheta domesticus). Meyer MR, et al. **J Neurochem** 1985 Oct; 45(4):1101-12

Muscarinic cholinergic receptors in human foetal brain: characterization and ontogeny of [3H]quinuclidinyl benzilate binding sites in frontal cortex. Ravikumar BV, et al. **J Neurochem** 1985 Jan;44(1):240-6

Degradation of rat brain cholinergic muscarinic receptors in vitro: enhancement by agonists and inhibition by antagonists. Roskoski R Jr, et al. **J Neurochem** 1985 Oct; 45(4):1096-100

Characterization of muscarinic cholinergic receptors in the brains of copper-deficient rats. Farrar JR, et al. **J Neurosci** 1985 Apr;5(4):1083-9

Quantitative in vivo receptor binding. II. Autoradiographic imaging of muscarinic cholinergic receptors. Frey KA, et al. **J Neurosci** 1985 Sep;5(9):2407-14

Quantitative in vivo receptor binding. I. Theory and application to the muscarinic cholinergic receptor. Frey KA, et al. **J Neurosci** 1985 Feb;5(2):421-8

High-affinity binding of [3H]acetylcholine to muscarinic cholinergic receptors. Kellar KJ, et al. **J Neurosci** 1985 Jun;5(6):1577-82

Pharmacological and ionic characterizations of the muscarinic receptors modulating [3H]acetylcholine release from rat cortical synaptosomes. Meyer EM, et al. **J Neurosci** 1985 May;5(5):1202-7

Knife cuts of entorhinal cortex: effects on development of amygdaloid kindling and seizure-induced decrease of muscarinic cholinergic receptors. Savage DD, et al. **J Neurosci** 1985 Feb;5(2):408-13

Afferent specific localization of muscarinic acetylcholine receptors in cingulate cortex. Vogt BA. **J Neurosci** 1984 Sep;4(9):2191-9

Alterations in muscarinic cholinergic receptor densities induced by thiamine deficiency: autoradiographic detection of changes in high- and low-affinity agonist binding. Gehlert DR, et al. **J Neurosci Res** 1985;13(3):443-52

Use of 3-quinuclidinyl 4-iodobenzilate as a receptor binding radiotracer. Eckelman WC, et al. **J Nucl Med** 1985 Jun; 26(6):637-42

Murine lymphocytes lack clearly defined receptors for muscarinic and dopaminergic ligands. Wazer DE, et al. **J Pharm Pharmacol** 1984 Dec;36(12):853-4

Regulation of muscarinic cholinergic receptor density in neuroblastoma cells by brief exposure to agonist: possible involvement in desensitization of receptor function. Feigenbaum P, et al. **J Pharmacol Exp Ther** 1985 Apr; 233(1):134-40

Muscarinic cholinergic receptors in mouse pituitary tumor cells: prolonged agonist pretreatment decreases receptor content and increases forskolin- and hormone-stimulated cyclic AMP synthesis and adrenocorticotropin secretion. Heisler S, et al. **J Pharmacol Exp Ther** 1985 Jan; 232(1):232-8

Differences in the properties of muscarinic cholinergic receptors in the developing chick myocardium. Hosey MM, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):795-801

Heterogeneity of binding of muscarinic receptor antagonists in rat brain homogenates. Lee JH, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):707-14

Characterization of [3H]pirenzepine binding to muscarinic cholinergic receptors solubilized from rat brain. Luthin GR, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):37-44

Structural requirements for muscarinic receptor occupation and receptor activation by oxotremorine analogs in the guinea-pig ileum. Ringdahl B. **J Pharmacol Exp Ther** 1985 Jan;232(1):67-73

Cardiac cholinergic muscarinic receptors: changes in multiple affinity forms with down-regulation. Roskoski R Jr, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):754-9

Quantitative receptor autoradiography: application to the characterization of multiple receptor subtypes. Pazos A, et al. **J Recept Res** 1984;4(1-6):645-56

Changes in density of muscarinic cholinergic receptor by adrenergic denervation with guanethidine. Higuchi H, et al. **Jpn J Pharmacol** 1985 Feb;37(2):207-11

Pharmacological evidence for cardiac muscarinic receptor subtypes. Chassaing C, et al. **Life Sci** 1984 Oct 22; 35(17):1739-45

Allosteric interactions between muscarinic agonist binding sites and effector sites demonstrated by the use of bisquaternary pyridinium oximes. Kloog Y, et al. **Life Sci** 1985 Jun 3;36(22):2127-36

Use of intact rat brain cells as a model to study regulation of muscarinic acetylcholine receptors. Lee JH, et al. **Life Sci** 1985 Aug 12;37(6):515-21

Tolerance to an anticholinergic agent is paralleled by increased binding to muscarinic receptors in rat brain and increased behavioral response to a centrally active cholinomimetic. Majocha R, et al. **Life Sci** 1984 Nov 26; 35(22):2247-55

Intestinal epithelial cells and musculature contain different muscarinic binding sites. Tien XY, et al. **Life Sci** 1985 May 20;36(20):1949-55

Weak binding of 10-hydroxymetabolites of nortriptyline to rat brain muscarinic acetylcholine receptors. Wägner A, et al. **Life Sci** 1984 Sep 24;35(13):1379-83

Regulation of human neutrophil guanylate cyclase by metal ions, free radicals and the muscarinic cholinergic receptor. Lad PM, et al. **Mol Immunol** 1985 Jul;22(7):731-9

The binding of a 2-chloroethylamine derivative of oxotremorine (BM 123) to muscarinic receptors in the rat cerebral cortex. Ehlert FJ, et al. **Mol Pharmacol** 1985 Aug; 28(2):107-19

Guanine nucleotide-sensitive, high affinity binding of carbachol to muscarinic cholinergic receptors of 1321N1 astrocytoma cells is insensitive to pertussis toxin. Evans T, et al. **Mol Pharmacol** 1985 Jan;27(1):32-7

Bisquaternary pyridinium oximes as allosteric inhibitors of rat brain muscarinic receptors. Kloog Y, et al. **Mol Pharmacol** 1985 Apr;27(4):418-28

[3H]Pirenzepine and [3H]quinuclidinyl benzilate binding to brain muscarinic cholinergic receptors. Differences in measured receptor density are not explained by differences in receptor isomerization. Luthin GR, et al. **Mol Pharmacol** 1984 Sep;26(2):164-9

Muscarinic responses and binding in a murine neuroblastoma clone (N1E-115). Selective loss with subculturing of the low-affinity agonist site mediating cyclic GMP formation. McKinney M, et al. **Mol Pharmacol** 1984 Sep;26(2):156-63

Agonist-induced desensitization of muscarinic receptor-mediated calcium efflux without concomitant desensitization of phosphoinositide hydrolysis. Masters SB, et al. **Mol Pharmacol** 1985 Mar;27(3):325-32

The conversion of 2-chloroalkylamine analogues of oxotremorine to aziridinium ions and their interactions with muscarinic receptors in the guinea pig ileum. Ringdahl B, et al. **Mol Pharmacol** 1984 Sep;26(2):170-9

Muscarinic receptor heterogeneity revealed by interaction with bretylium tosylate. Different ligand-receptor conformations versus different receptor subclasses. Schreiber G, et al. **Mol Pharmacol** 1985 Jan;27(1):27-31

Effects of aging on rat cortical presynaptic cholinergic processes. Meyer EM, et al. **Neurobiol Aging** 1984 Winter; 5(4):315-7

Cholinergic drug effects and brain muscarinic receptor binding in aged rats. Pedigo NW Jr, et al. **Neurobiol Aging** 1984 Fall;5(3):227-33

Modulation of avian muscarinic cholinergic high affinity binding sites by a neurotoxic organophosphate. Ali SF, et al. **Neurochem Pathol** 1984-85 Winter;2(4):267-75

Muscarinic receptors in the preoptic area are sensitive to 17 beta-estradiol during the critical period. Egozi Y, et al. **Neuroendocrinology** 1985 May;40(5):385-92

Effect of Ca2+ on the binding characteristics of muscarinic receptors in rat adenohypophysis--variation during the estrous cycle. Moscona-Amir E, et al. **Neuroendocrinology** 1985 Jun;40(6):483-92

The binding of 3H-quinuclidinyl benzilate to cholinergic muscarinic receptors in rat brain region following chronic treatment with morphine and during abstinence. Das S, et al. **Neuropeptides** 1984 Dec;5(1-3):45-8

Lack of interaction between thyrotropin releasing hormone and its analogs with 3H-quinuclidinyl benzilate recognition sites in the rat striatum. Das S, et al. **Neuropharmacology** 1985 Jul;24(7):681-3

Muscarinic cholinergic receptors in the rat deep cerebellar nuclei: a quantitative autoradiographic study. Beitz AJ, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):103-9

Autoradiographic localization of muscarinic cholinergic receptors at various segmental levels of the human spinal cord. Scatton B, et al. **Neurosci Lett** 1984 Aug 31; 49(3):239-45

Quantitative light microscopic autoradiographic localization of cholinergic muscarinic receptors in the human brain: brainstem. Cortes R, et al. **Neuroscience** 1984 Aug; 12(4):1003-26

Cholinergic muscarinic receptors in rat cerebral cortex, basal ganglia and cerebellum undergo rapid and reversible changes after acute stress. Estévez EE, et al. **Neuroscience** 1984 Dec;13(4):1353-7

Effect of facial nerve transection on acetylcholinesterase, choline acetyltransferase and [3H]quinuclidinyl benzilate binding in rat facial nuclei. Hoover DB, et al. **Neuroscience** 1985 Jun;15(2):481-7

Muscarinic cholinergic receptors in developing rat lung. Whitsett JA, et al. **Pediatr Res** 1984 Nov;18(11):1136-40

Hippocampal muscarinic receptor loss following trimethyl tin administration. Loullis CC, et al. **Pharmacol Biochem Behav** 1985 Jan;22(1):147-51

Pertussis toxin differentiates between two mechanisms of attenuation of cyclic AMP accumulation by muscarinic cholinergic receptors. Hughes AR, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5680-4

Biphasic regulation of detergent-solubilized muscarinic acetylcholine receptors from rat cerebral cortex by N-ethylmaleimide. Dennison RL Jr, et al. **Res Commun Chem Pathol Pharmacol** 1985 Mar;47(3):465-8

Loss of M2 muscarine receptors in the cerebral cortex in

Alzheimer's disease and experimental cholinergic denervation. Mash DC, et al. **Science** 1985 May 31; 228(4703):1115-7

[Kinetics of the inactivation of muscarinic cholinoreceptors by solubilized digitonin] Rinken AA, et al. **Biokhimiia** 1984 Nov;49(11):1799-803 (Eng. Abstr.) **(Rus)**

[Kinetics of the N,N-dimethyl-2-phenylaziridinium reaction with a muscarinic cholinoreceptor and acetylcholinesterases] Palumaa PIa, et al. **Bioorg Khim** 1983 Oct;9(10):1348-56 (Eng. Abstr.) **(Rus)**

[Biochemical studies on muscarinic cholinergic receptors of the rat brain: specific labeling of this protein using the photoaffinity method] Moreno-Yanes JA, et al. **Acta Cient Venez** 1984;35(1):48-57 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Regulation of cyclic AMP metabolism by muscarinic cholinergic receptors. Harden TK, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:207-20

Differential regulation of putative M1/M2 muscarinic receptors: implications for different receptor-effector coupling mechanisms. Vickroy TW, et al. **Adv Exp Med Biol** 1984;175:99-114 (49 ref.)

Muscarinic inhibition of canine small intestinal motility in vivo. Fox JE, et al. **Am J Physiol** 1985 May;248(5 Pt 1):G526-31

Mediation of muscarinic stimulation of pepsinogen secretion in the frog. Inoue M, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G79-86

Pirenzepine-sensitive muscarinic receptors regulate gastric somatostatin and gastrin. Sue R, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):G184-7

Rebound hyperresponsiveness to muscarinic stimulation after chronic therapy with an inhaled muscarinic antagonist. Newcomb R, et al. **Am Rev Respir Dis** 1985 Jul;132(1):12-5

Motor effects of electrical and cholinergic stimulation of the cat's dorsal hippocampus. Motles E, et al. **Arch Ital Biol** 1984 Sep;122(3):225-36

Implication of amygdaloid muscarinic cholinergic mechanisms in passive avoidance learning in the developing rat. Blozovski D, et al. **Behav Brain Res** 1984 Aug; 13(2):97-106

Autonomic receptors and cell membrane potential. Bolton TB, et al. **Bibl Cardiol** 1984;(38):108-14 (15 ref.)

Ontogenesis of physiological responsiveness and guanine nucleotide sensitivity of cardiac muscarinic receptors during chick embryonic development. Halvorsen SW, et al. **Biochemistry** 1984 Nov 20;23(24):5813-21

Regulation of submaxillary gland muscarinic receptors during heat acclimation. Kloog Y, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):428-35

In vitro and in vivo evidence for the existence of presynaptic muscarinic cholinergic receptors in the rat hippocampus. Consolo S, et al. **Brain Res** 1984 Aug 20;309(1):147-51

Combined treatment with muscarinic and nicotinic cholinergic antagonists slows development of kindled seizures. Meyerhoff JL, et al. **Brain Res** 1985 Jul 29; 339(2):386-9

Time-dependent changes in the binding parameters of muscarinic cholinergic receptors in the rat brain. Nonaka R, et al. **Brain Res** 1985 Feb 11;326(2):379-83

Activation of central muscarinic receptors inhibit Ca2+/Mg2+ ATPase and ATP-dependent Ca2+ transport in synaptic membranes. Ross DH, et al. **Brain Res** 1985 Mar 11;329(1-2):39-47

Muscarinic cholinergic receptors in area postrema and brainstem areas regulating emesis. Pedigo NW Jr, et al. **Brain Res Bull** 1985 Feb;14(2):169-77

Neurogenic muscarinic vasodilation in the cat. An example of endothelial cell-independent cholinergic relaxation. Brayden JE, et al. **Circ Res** 1985 Feb;56(2):205-11

Receptor mechanisms in fish chromatophores—VII. Muscarinic cholinoceptors and alpha adrenoceptors, both mediating pigment aggregation, strangely coexist in Corydoras melanophores. Kasukawa H, et al. **Comp Biochem Physiol [C]** 1985;80(2):211-5

Seasonal variations in the muscarinic regulation of acetylcholine release from Torpedo electric organ nerve terminals. Pinchasi I, et al. **Comp Biochem Physiol [C]** 1985; 81(2):439-44

Biochemistry and regulation of signal transduction by neuronal acetylcholine receptors. Klein WL. **Curr Top Cell Regul** 1984;24:129-44 (114 ref.)

Identification of muscarinic receptor subtype mediating colonic response to eating. Narducci F, et al. **Dig Dis Sci** 1985 Feb;30(2):124-8

Voltage and receptor mediated contractile activity of colonic smooth muscle in calcium-free solution. Mangel AW. **Eur J Pharmacol** 1984 Jun 15;102(1):165-8

Cholinergic-muscarinic receptors participate in growth hormone secretion induced by lysine-8-vasopressin in man. Coiro V, et al. **Horm Metab Res** 1985 Jun;17(6):316-7

Characterization of muscarinic cholinergic receptors in the submandibular gland of the rat. Costa LG, et al. **J Auton Nerv Syst** 1985 Aug;13(4):267-301

Muscarinic receptors on bovine chromaffin cells mediate a rise in cytosolic calcium that is independent of extracellular calcium. Kao LS, et al. **J Biol Chem** 1985 Feb 25; 260(4):2019-22

The muscarinic receptor of chick embryo cells: correlation between ligand binding and calcium mobilization. Oettling G, et al. **J Cell Biol** 1985 Apr;100(4):1073-81

Muscarinic receptor-induced phosphoinositide hydrolysis at resting cytosolic Ca2+ concentration in PC12 cells. Vicentini LM, et al. **J Cell Biol** 1985 Apr;100(4):1330-3

Muscarinic cholinergic receptor-mediated attenuation of adenylate cyclase activity in rat heart membranes. Smith MM, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(2):197-210

Tetraenoic species are conserved in muscarinically enhanced inositide turnover. Van Rooijen LA, et al. **J Neurochem** 1985 Feb;44(2):540-3

Pirenzepine distinguishes between muscarinic receptor-mediated phosphoinositide breakdown and inhibition of adenylate cyclase. Gil DW, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):608-16

Down regulation of the muscarinic cholinergic receptor of the rat prostate following castration. Shapiro E, et al. **J Urol** 1985 Jul;134(1):179-82

Electroconvulsive shock and brain muscarinic receptors: relationship to anterograde amnesia. Lerer B, et al. **Life Sci** 1984 Dec 24;35(26):2659-64

Comparison of muscarinic and alpha-adrenergic receptors in rat atria based on phosphoinositide turnover. Sekar MC, et al. **Life Sci** 1984 Oct 1;35(14):1527-33

The putative M1 muscarinic receptor does not regulate phosphoinositide hydrolysis. Studies with pirenzepine and McN-A343 in chick heart and astrocytoma cells. Brown JH, et al. **Mol Pharmacol** 1985 May;27(5):525-31

Effects of pertussis toxin on cAMP and cGMP responses to carbamylcholine in N1E-115 neuroblastoma cells. Bruni P, et al. **Mol Pharmacol** 1985 Aug;28(2):229-34

Muscarinic cholinergic receptors of two cell lines that regulate cyclic AMP metabolism by different molecular mechanisms. Evans T, et al. **Mol Pharmacol** 1984 Nov; 26(3):395-404

Relationships between phosphoinositide and calcium responses to muscarinic agonists in astrocytoma cells. Masters SB, et al. **Mol Pharmacol** 1984 Sep;26(2):149-55

Inositol 1,4,5-trisphosphate mimics muscarinic response in Xenopus oocytes. Oron Y, et al. **Nature** 1985 Jan 10-18; 313(5998):141-3

Two types of neuronal muscarine receptors modulating acetylcholine release from guinea-pig myenteric plexus. Kilbinger H, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan; 328(3):304-9

Role of muscarinic cholinergic mechanisms in the substantia nigra pars reticulata in mediating muscular rigidity in rats. Turski L, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Aug;327(1):14-7

Muscarinic activation of rhombencephalic neurones controlling oesophageal peristalsis in the rat. Bieger D. **Neuropharmacology** 1984 Dec;23(12A):1451-64

Metabolism of arachidonic acid and prostaglandins in the Torpedo electric organ: modulation by the presynaptic muscarinic acetylcholine receptor. Pinchasi I, et al. **Neuroscience** 1984 Dec;13(4):1359-64

Muscarinic receptor-mediated increase of intracellular Na+-ion activity and force of contraction. Korth M, et al. **Pflugers Arch** 1985 Mar;403(3):266-72

Two types of muscarinic response to acetylcholine in mammalian cortical neurons. McCormick DA, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6344-8

Depolarization and muscarinic excitation induced in a sympathetic ganglion by vasoactive intestinal polypeptide. Kawatani M, et al. **Science** 1985 Aug 30;229(4716):879-81

[Cholinergic muscarinic excitation and its ionic mechanism] Ren K, et al. **Sheng Li Ko Hsueh Chin Chan** 1984 Jan; 15(1):71-4 **(Chi)**

[Participation of m- and n-cholinergic mechanisms in the development of the kindling phenomenon of the amygdala in cats] Losev NA, et al. **Biull Eksp Biol Med** 1985 May; 99(5):580-3 (Eng. Abstr.) **(Rus)**

[Cooperative organization of M-cholinoreceptors in the frog myocardium] Turpaev TM, et al. **Dokl Akad Nauk SSSR** 1984;278(6):1503-6 **(Rus)**

[Role of emotions in cholinergic mechanisms of formation and reproduction of a bilateral conditioned avoidance reflex] Abuladze GV, et al. **Zh Vyssh Nerv Deiat** 1985 Mar-Apr;35(2):272-9 (Eng. Abstr.) **(Rus)**

[Role of M- and N-cholinergic systems in the recovery of motor functions after removal of the motor zones of the cerebral cortex in cats] Shalkovskaia LN, et al. **Zh Vyssh Nerv Deiat** 1984 Nov-Dec;34(6):1066-71 (Eng. Abstr.) **(Rus)**

RECEPTORS, MUSCIMOL see **RECEPTORS, GABA-BENZODIAZEPINE**

RECEPTORS, NARCOTIC see **RECEPTORS, ENDORPHIN**

RECEPTORS, NEUROMEDIATOR see **SYNAPTIC RECEPTORS**

RECEPTORS, NEUROMODULATOR see **SYNAPTIC RECEPTORS**

RECEPTORS, NEUROREGULATOR see **SYNAPTIC RECEPTORS**

RECEPTORS, NEUROTRANSMITTER see **SYNAPTIC RECEPTORS**

RECEPTORS, NICOTINIC

Immunochemical tests of acetylcholine receptor subunit models. Lindstrom J, et al. **Nature** 1984 Oct 11-17; 311(5986):573-5

ANALYSIS

Ontogenetic development of the specific [3H]nitrendipine binding sites in the rat whole brain. Matsubayashi H, et al. **Adv Exp Med Biol** 1984;175:193-204

Structure-function studies of canine cardiac sarcolemmal membranes. I. Estimation of receptor site densities. Colvin RA, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):601-8

Characterization of the binding sites for nimodipine and (-)-desmethoxyverapamil in bovine cardiac sarcolemma. Ruth P, et al. **Eur J Biochem** 1985 Jul 15;150(2):313-22

Monoclonal rat anti-Torpedo electroplax nicotinic acetylcholine receptor antibodies: immunochemical characterization. Lukas RJ. **J Immunol Methods** 1984 Nov 16;74(1):129-38

Classical genetic analysis of nicotine-induced seizures and nicotinic receptors. Miner LL, et al. **J Pharmacol Exp Ther** 1984 Dec;231(3):545-54

Relationship between nicotine-induced seizures and hippocampal nicotinic receptors. Miner LL, et al. **Life Sci** 1985 Jul 8;37(1):75-83

[3H]Nicotine binding sites in developing fetal brains in rats. Sugiyama H, et al. **Neurosci Res** 1985 Jun;2(5):387-92

Nicotinic receptors in mammalian brain. Williams M, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):769-72

BLOOD

Ca2+ antagonist receptor sites on human red blood cell membranes. Striessnig J, et al. **Eur J Pharmacol** 1985 Feb 5;108(3):329-30

DRUG EFFECTS

Differential effects of mecamylamine on the nicotine induced changes in amine levels and turnover in hypothalamic dopamine and noradrenaline nerve terminal systems and in the secretion of adenohypophyseal hormones in the castrated female rat. Evidence for involvement of cholinergic nicotine-like receptors. Anderson K, et al. **Acta Physiol Scand** 1984 Apr;120(4):489-98

Nervous control of the release of neurotensin-like immunoreactivity from the small intestine of the rat. Al-Saffar A, et al. **Acta Physiol Scand** 1984 Sep;122(1):1-6

Effect of adenosine triphosphate on the sensitivity of the nicotinic acetylcholine-receptor in the bullfrog sympathetic ganglion cell. Akasu T, et al. **Br J Pharmacol** 1985 Feb;84(2):525-31

Chronic central nicotinic blockade after a single administration of the bisquaternary ganglion-blocking drug chlorisondamine. Clarke PB. **Br J Pharmacol** 1984 Oct; 83(2):527-35

Inhibition of nicotinic receptor mediated ion fluxes in rat sympathetic ganglia by BGT II-S1 a potent phospholipase. Quik M. **Brain Res** 1985 Jan 28;325(1-2):79-88

Trifluoperazine and calcium antagonists accelerate cholinergic desensitization in Aplysia neurons. Slater NT, et al. **Brain Res** 1985 Mar 11;329(1-2):275-9

Interaction of choline with nicotinic and muscarinic cholinergic receptors in the rat brain in vitro. Costa LG, et al. **Clin Exp Pharmacol Physiol** 1984 Nov-Dec; 11(6):649-54

Properties of receptors for the Ca2+-channel blocker verapamil in transverse-tubule membranes of skeletal muscle. Stereospecificity, effect of Ca2+ and other inorganic cations, evidence for two categories of sites and effect of nucleoside triphosphates. Galizzi JP, et al. **Eur J Biochem** 1984 Oct 15;144(2):211-5

Clonidine inhibits nicotinic effects in ganglia of the cholinergic-sympathetic system. Walland A. **Eur J Pharmacol** 1984 Jun 15;102(1):39-45

A proposal for the structure of conotoxin—a potent antagonist of the nicotinic acetylcholine receptor. Hider RC. **FEBS Lett** 1985 May 20;184(2):181-4

kappa-Bungarotoxin. Self-association of a neuronal nicotinic receptor probe. Chiappinelli VA, et al. **J Biol Chem** 1985 May 25;260(10):6182-6

Interactions of microtubule-active agents with nicotinic acetylcholine receptors. Relationship to their inhibition of catecholamine secretion by adrenal chromaffin cells. McKay DB, et al. **Mol Pharmacol** 1985 Jul;28(1):10-6

Triphenylmethylphosphonium blocks the nicotinic acetylcholine receptor noncompetitively. Spivak CE, et al. **Mol Pharmacol** 1985 Feb;27(2):246-55

Nicotinic transmission in sympathetic ganglia: blockade by the snake venom neurotoxin kappa-bungarotoxin. Chiappinelli VA, et al. **Neurosci Lett** 1984 Sep 7; 50(1-3):239-44

Calcium entry activators: distinct sites of dihydropyridine and aminopyridine action. Greenberg DA, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):279-82

Interactions of pyrethroid and cyclodiene insecticides with nicotinic acetylcholine and GABA receptors. Eldefrawi ME, et al. **Neurotoxicology** 1985 Summer;6(2):47-62

Tolerance, cross-tolerance, and receptors after chronic nicotine or oxotremorine. Marks MJ, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):283-91

GENETICS

Structure linkage, and sequence of the two genes encoding the delta and gamma subunits of the nicotinic acetylcholine receptor. Nef P, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(24):7975-9

Mouse-Torpedo hybrid acetylcholine receptors: functional homology does not equal sequence homology. White MM, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4852-6

IMMUNOLOGY

AKR/J gene(s) unlinked to H-2 determines dominant inheritance of lymphocyte hyporesponsiveness to acetylcholine receptor. Gorzynski TJ, et al. **J Immunol** 1985 Apr;134(4):2079-83

Affinity chromatographic purification of antibody subsets depends on the mode of cross-linking of antigen to the affinity matrix. Hinman CL, et al. **Mol Immunol** 1985 Jun; 22(6):681-8

Sharing of antigenic determinants between the nicotinic acetylcholine receptor and proteins in Escherichia coli, Proteus vulgaris, and Klebsiella pneumoniae. Possible role in the pathogenesis of myasthenia gravis. Stefansson K, et al. **N Engl J Med** 1985 Jan 24;312(4):221-5

Antibodies to synthetic peptides as probes for the binding site on the alpha subunit of the acetylcholine receptor. Neumann D, et al. **Proc Natl Acad Sci USA** 1985 May; 82(10):3490-3

ISOLATION & PURIFICATION

Purification of the cardiac 1,4-dihydropyridine receptor/calcium channel complex. Rengasamy A, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):1-7

Multisubunit structure and amino-terminal sequences of piscine muscle acetylcholine receptor. Conti-Tronconi BM, et al. **J Recept Res** 1984;4(7):801-16

Affinity chromatography of cholinergic receptor proteins. Hopff WH, et al. **J Recept Res** 1984;4(1-6):219-29

Brain and muscle nicotinic acetylcholine receptors are different but homologous proteins. Conti-Tronconi BM, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5208-12

Immunisation with Torpedo acetylcholine receptor. Elfman L. **Prog Neurobiol** 1984;23(1-2):39-62 (281 ref.)

METABOLISM

Identification of calcium-channel receptors in intact animals. Roeske WR, et al. **Adv Myocardiol** 1985;6:71-82

Are neuromuscular blocking agents more efficacious in pairs? Taylor P. **Anesthesiology** 1985 Jul;63(1):1-3

Nitrendipine potentiates Bay k 8644-induced contraction of isolated porcine coronary artery: evidence for functionally distinct dihydropyridine receptor subtypes. Dube GP, et al. **Biochem Biophys Res Commun** 1985 May 16; 128(3):1295-302

Binding of [3H]perhydrohistrionicotoxin and [3H]phencyclidine to the nicotinic receptor-ion channel complex of Torpedo electroplax. Inhibition by histrionicotoxins and derivatives. Aronstam RS, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3037-47

Autoradiographic distribution of nicotine receptors in rat brain. Clarke PB, et al. **Brain Res** 1984 Dec 10;323(2):390-5

Localization and function of cat carotid body nicotinic receptors. Dinger B, et al. **Brain Res** 1985 Jul 29; 339(2):295-304

Autoradiographic localization of calcium channel antagonist receptors in rat brain with [3H]nitrendipine. Gould RJ, et al. **Brain Res** 1985 Mar 25;330(2):217-23

Axonal transport of alpha-bungarotoxin binding sites in rat sciatic nerve. Millington WR, et al. **Brain Res** 1985 Aug 12;340(2):269-76

Alteration of nicotinic cholinergic agonist binding sites in hippocampus after fimbria transection. Morrow AL, et al. **Brain Res** 1985 May 20;334(2):309-14

Effect of membrane depolarization on binding of [3H]nitrendipine to rat cardiac myocytes. Green FJ, et al. **Circ Res** 1985 Apr;56(4):576-85

Human red-blood-cell Ca2+-antagonist binding sites. Evidence for an unusual receptor coupled to the nucleoside transporter. Striessnig J, et al. **Eur J Biochem** 1985 Jul 1; 150(1):67-77

Antibody induced internalization of acetylcholine nicotinic receptor: kinetics, mechanism and selectivity. Clementi F, et al. **Eur J Cell Biol** 1985 May;37:220-8

Increase in [3H]nitrendipine binding sites in the brain in morphine-tolerant mice. Ramkumar V, et al. **Eur J Pharmacol** 1984 Jul 13;102(2):371-2

[3H]diltiazem binding to calcium channel antagonists recognition sites in rat cerebral cortex. Schoemaker H, et al. **Eur J Pharmacol** 1985 May 8;111(2):273-7

Aryldiazonium salts as photoaffinity labels of the nicotinic acetylcholine receptor PCP binding site. Kotzyba-Hibert F, et al. **FEBS Lett** 1985 Mar 25;182(2):297-301

Time-resolved photolabeling by quinacrine azide of a noncompetitive inhibitor site of the nicotinic acetylcholine receptor in a transient, agonist-induced state. Cox RN, et al. **J Biol Chem** 1985 Jun 25;260(12):7186-93

Characterization of verapamil binding sites in cardiac membrane vesicles. Garcia ML, et al. **J Biol Chem** 1984 Dec 25;259(24):15013-6

Binding of a curarimimetic toxin from cobra venom to the nicotinic acetylcholine receptor. Interactions of six biotinyltoxin derivatives with receptor and avidin. Lobel P, et al. **J Biol Chem** 1985 Sep 5;260(19):10605-12

Molecular pharmacology of the calcium channel: evidence for subtypes, multiple drug-receptor sites, channel subunits, and the development of a radioiodinated 1,4-dihydropyridine calcium channel label, [125I]iodipine. Glossmann H, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 4:S608-21

The 1,4-dihydropyridine receptor: a regulatory component of the Ca2+ channel. Triggle DJ, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 7:S949-55 (62 ref.)

Acetylcholine receptors in small cell carcinomas. Cunningham JM, et al. **J Neurochem** 1985 Jul;45(1):159-67

Comparative analysis of nicotine-like receptor-ligand interactions in rodent brain homogenate. Larsson C, et al. **J Neurochem** 1985 Jul;45(1):24-31

Muscarinic and nicotinic cholinergic binding sites in the terminal abdominal ganglion of the cricket (Acheta domesticus). Meyer MR, et al. **J Neurochem** 1985 Oct; 45(4):1101-12

Dihydropyridine binding sites on transverse tubules isolated from triads of rabbit skeletal muscle. Brandt NR, et al. **J Recept Res** 1985;5(2-3):155-70

The activation of the nicotinic acetylcholine receptor by the transmitter. Taylor DB, et al. **J Theor Biol** 1985 Feb 7; 112(3):653-66

Further evidence showing that neurotoxin-acetylcholine receptor dissociation is accelerated by monoclonal neurotoxin-specific immunoglobulin. Boulain JC, et al. **Mol Immunol** 1985 May;22(5):553-6

Kinetics of binding of membrane-active drugs to receptor sites. Diffusion-limited rates for a membrane bilayer approach of 1,4-dihydropyridine calcium channel antagonists to their active site. Rhodes DG, et al. **Mol Pharmacol** 1985 Jun;27(6):612-23

The acetylcholine receptor of the neuromuscular junction recognizes mecamylamine as a noncompetitive antagonist. Varanda WA, et al. **Mol Pharmacol** 1985 Aug;28(2):128-37

Brain nicotinic acetylcholine receptors. Biochemical characterization by neosurugatoxin. Yamada S, et al. **Mol Pharmacol** 1985 Aug;28(2):120-7

Dihydropyridine receptors in muscle are voltage-dependent but most are not functional calcium channels. Schwartz LM, et al. **Nature** 1985 Apr 25-May 1;314(6013):747-51

Exposure to nicotine enhances the behavioral stimulant effect of nicotine and increases binding of [3H]acetylcholine to nicotinic receptors. Ksir C, et al. **Neuropharmacology** 1985 Jun;24(6):527-31

Quantitative autoradiography of nicotinic [3H]acetylcholine binding sites in rat brain. Rainbow TC, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):193-6

Phosphorylation of the calcium antagonist receptor of the voltage-sensitive calcium channel by cAMP-dependent protein kinase. Curtis BM, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2528-32

Phosphorylation of the nicotinic acetylcholine receptor by an endogenous tyrosine-specific protein kinase. Huganir RL, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(22):6968-72

Binding differences between nicotine and alpha-bungarotoxin in the rat brain. Nukina I, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jan;47(1):141-4

Rabies virus binding at neuromuscular junctions. Burrage TG, et al. **Virus Res** 1985 Apr;2(3):273-89

[Studies on the drug-receptor kinetics of dimethylcurine methylchloride] Li YK, et al. **Yao Hsueh Hsueh Pao** 1984 Apr;19(4):241-4 (Eng. Abstr.) **(Chi)**

PHYSIOLOGY

Kinetic analysis of channel gating. Application to the cholinergic receptor channel and the chloride channel from Torpedo californica. Labarca P, et al. **Biophys J** 1985 Apr; 47(4):469-78

Is there an endogenous bungarotoxin-like molecule in the vertebrate central nervous system? Connolly JA. **Brain Res** 1984 Dec 10;323(2):307-10

Influence of the extracellular ionic environment on ganglionic fast excitatory postsynaptic currents. Connor EA, et al. **Brain Res** 1985 Jul 29;339(2):227-35

Functional properties of newly inserted acetylcholine receptors in embryonic Xenopus muscle cells. Greenberg AS, et al. **Brain Res** 1985 Apr;351(2):289-96

Combined treatment with muscarinic and nicotinic cholinergic antagonists slows development of kindled seizures. Meyerhoff JL, et al. **Brain Res** 1985 Jul 29; 339(2):386-9

Bay K8644 differentiates between potential and receptor operated Ca2+ channels. Yamamoto H, et al. **Eur J Pharmacol** 1984 Jul 20;102(3-4):555-7

Specificity of neuronal factors which aggregate acetylcholine receptors on cultured myotubes. Bauer HC, et al. **Exp Cell Res** 1985 Mar;157(1):288-92

Two-component desensitization of nicotinic receptors induced by acetylcholine agonists in Lymnaea stagnalis neurones. Andreev AA, et al. **J Physiol (Lond)** 1984 Aug; 353:375-91

Physiochemical and immunological properties of acetylcholine receptors from human muscle. Kalies I, et al. **Mol Cell Biochem** 1984 Sep;64(1):69-79

Interactions of bupivacaine with ionic channels of the nicotinic receptor. Analysis of single-channel currents. Aracava Y, et al. **Mol Pharmacol** 1984 Sep;26(2):304-13

Interactions of bupivacaine with ionic channels of the nicotinic receptor. Electrophysiological and biochemical studies. Ikeda SR, et al. **Mol Pharmacol** 1984 Sep; 26(2):293-303

Nicotinic receptor stimulation activates enkephalin release and biosynthesis in adrenal chromaffin cells. Eiden LE, et al. **Nature** 1984 Dec 13-19;312(5995):661-3

Different channel properties of Torpedo acetylcholine receptor monomers and dimers reconstituted in planar membranes. Schindler H, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6222-6

[Brain nicotinic acetylcholine receptors and their functions in special reference to central cardiovascular regulation] Kubo T. **Nippon Yakurigaku Zasshi** 1985 Jun;85(6):425-33 (93 ref.) (Eng. Abstr.) **(Jpn)**

[Participation of m- and n-cholinergic mechanisms in the development of the kindling phenomenon of the amygdala in cats] Losev NA, et al. **Biull Eksp Biol Med** 1985 May; 99(5):580-3 (Eng. Abstr.) **(Rus)**

[Role of M- and N-cholinergic systems in the recovery of motor functions after removal of the motor zones of the cerebral cortex in cats] Shalkovskaia LN, et al. **Zh Vyssh Nerv Deiat** 1984 Nov-Dec;34(6):1066-71 (Eng. Abstr.) **(Rus)**

RECEPTORS, OPIATE see **RECEPTORS, ENDORPHIN**

RECEPTORS, PROGESTERONE

Estrogen and progesterone receptors in primary cutaneous melanoma. Ellis DL, et al. **J Dermatol Surg Oncol** 1985 Jan;11(1):54-9

Hormone receptors. An update and application. Hubay CA, et al. **Surg Clin North Am** 1984 Dec;64(6):1155-72 (36 ref.)

ANALYSIS

Estradiol and progesterone receptors in normal ovary and ovarian tumors. Lantta M. **Acta Obstet Gynecol Scand** 1984; 63(6):497-503

Estradiol and progesterone receptors in gynecologic sarcomas. Lantta M, et al. **Acta Obstet Gynecol Scand** 1984; 63(6):505-8

Comparison of cellular levels of steroid receptors in uterine leiomyoma and myometrium. Tamaya T, et al. **Acta Obstet Gynecol Scand** 1985;64(4):307-9

Correlation of estrogen and progesterone receptors and histological grade in human primary breast cancer. Alanko A, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Sep;92(5):311-5

Binding of estrogen and progesterone to human endometrium in the different phases of the menstrual cycle. A histochemical study. Bergqvist A, et al. **Am J Clin Pathol** 1985 Apr;83(4):444-9

O.C.T. not a problem [letter] Hannah J, et al. **Am J Clin Pathol** 1985 Mar;83(3):404-5

Influence of cytoplasmic steroid receptor content on prognosis of early stage endometrial carcinoma. Creasman WT, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):922-32

Implantation of the rabbit blastocyst: sequential changes in estradiol and progesterone and their receptors. Khan-Dawood FS, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):450-5

Estrogen and progesterone receptor and hormone levels in human myometrium and placenta in term pregnancy. Khan-Dawood FS, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):501-5

Cytoplasmic estrogen and progesterone receptor content of uterine sarcomas. Soper JT, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):342-8

Variation of estrogen and progesterone receptor status in breast cancer. Alanko A. **Ann Clin Res** 1985;17(1):10-4

Estrogen and progesterone receptors in breast cancer: relationships to tumour histopathology and survival of patients. Blanco G, et al. **Anticancer Res** 1984 Nov-Dec; 4(6):383-9

Studies on the endogenous activation and inhibition of hormone receptor reaction. Chen YM, et al. **Anticancer Res** 1984 Jul-Oct;4(4-5):273-7

Estrogen and progesterone receptors in melanocytic lesions. Occurrence in patients with dysplastic nevus syndrome. Ellis DL, et al. **Arch Dermatol** 1985 Oct;121(10):1282-5

Estrogen and progesterone receptors are not increased in generalized essential telangiectasia [letter] Person JR, et al. **Arch Dermatol** 1985 Jul;121(7):836-7

Regional lymph node reactions related to hormone receptor status in female breast carcinoma. Kosma VM, et al. **Arch Geschwulstforsch** 1985;55(2):123-30

Estrogen and progesterone receptors in head and neck cancer. Schuller DE, et al. **Arch Otolaryngol** 1984 Nov; 110(11):725-7

Value of hormone receptors in the management of breast cancer--I. Advanced breast cancer. Cant EM, et al. **Aust NZ J Surg** 1985 Apr;55(2):121-5

Progesterone and oestrogen receptors in meningiomas: biochemical and clinicopathological considerations. Whittle IR, et al. **Aust NZ J Surg** 1984 Aug;54(4):325-30

Structural analysis of chicken oviduct progesterone receptor using monoclonal antibodies to the subunit B protein. Edwards DP, et al. **Biochemistry** 1984 Sep 11;

23(19):4427-35

Estrogen and progestin receptors in mouse vaginal epithelium and fibromuscular wall. Uchima FD, et al. **Biochim Biophys Acta** 1985 Jul 26;841(1):135-8

Oestrogen and progesterone receptors and disease-free interval in primary breast cancer. Alanko A, et al. **Br J Cancer** 1984 Nov;50(5):667-72

The effect of oestrogen and progesterone receptors on recurrence and survival in patients with carcinoma of the breast. Howat JM, et al. **Br J Cancer** 1985 Feb;51(2):263-70

Estradiol and progesterone receptors in breast cancer: prognostic value after relapse. Bonneterre J, et al. **Breast Cancer Res Treat** 1985;5(2):149-54

Seasonal variation in breast cancer detection: correlation with tumour progesterone receptor status. Mason BH, et al. **Breast Cancer Res Treat** 1985;5(2):171-6

Cytosol and nuclear estrogen receptors (occupied and unoccupied sites) and progesterone receptors in human breast cancer. Sumida C, et al. **Breast Cancer Res Treat** 1985;5(2):165-9

Significance of estrogen and progesterone receptors, disease-free interval, and site of first metastasis on survival of breast cancer patients. Alanko A, et al. **Cancer** 1985 Oct 1;56(7):1696-700

Hormone receptors in rapidly progressing breast cancer. Levine PH, et al. **Cancer** 1984 Dec 15;54(12):3012-6

Correlation of cell-cycle kinetics, hormone receptors, histopathology, and nodal status in human breast cancer. Moran RE, et al. **Cancer** 1984 Oct 15;54(8):1586-90

Changes of steroid hormone receptor content by chemotherapy and/or endocrine therapy in advanced breast cancer. Nomura Y, et al. **Cancer** 1985 Feb 1; 55(3):546-51

Multiple extractions of hormone receptors from mixed human breast tumors. Chen YM, et al. **Cancer Invest** 1985;3(1):1-5

Quantitative enzyme-linked immunosorbent assay for the estrogen-regulated Mr 24,000 protein in human breast tumors: correlation with estrogen and progesterone receptors. Adams DJ, et al. **Cancer Res** 1985 Jun; 45(6):2445-9

Inter-laboratory quality control of estrogen and progesterone receptor assays in breast cancer tissue using lyophilised cytosols. Ryan ED, et al. **Clin Biochem** 1985 Feb;18(1):20-6

Estrogen and progesterone receptor content in breast tumor cytosols calculated with a pocket calculator. Tabachnick J. **Clin Chem** 1985 Jul;31(7):1251-2

Estrogen and progesterone receptors in intracranial tumors. Martinez R, et al, **Clin Neuropharmacol** 1984;7(4):338-42

Hormonal steroid receptors in intracranial tumours and their relevance in hormone therapy. Courriere P, et al. **Eur J Cancer Clin Oncol** 1985 Jun;21(6):711-4

Effect of bromocriptin treatment on prolactin and steroid receptor levels in human breast cancer. Peyrat JP, et al. **Eur J Cancer Clin Oncol** 1984 Nov;20(11):1363-7

Steroids receptors in physiological and pathological features of the cervix. Onnis A, et al. **Eur J Gynaecol Oncol** 1985; 6(2):97-101

Steroid receptors in human uterine carcinoma. Their biological importance and therapeutic implications. Ribarac-Stepić N, et al. **Eur J Gynaecol Oncol** 1985; 6(1):10-9

The endometrial adenocarcinoma as a model for hormone-dependency and hormone-responsiveness of gynaecological cancers. Bonte J. **Eur J Obstet Gynecol Reprod Biol** 1984 Dec;18(5-6):335-41

Demonstration of progestin receptors in human vaginal epithelium. Punnonen R, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Feb;19(2):97-103

Estradiol, progesterone and testosterone receptors for pig endometrium and myometrium at various stages of the estrous cycle. Koziorowski M, et al. **Exp Clin Endocrinol** 1984 Dec;84(3):285-93

Estradiol and progesterone nuclear and cytosol receptors of hydrosalpinx. Devoto L, et al. **Fertil Steril** 1984 Oct; 42(4):594-7

The 'dysharmonic luteal phase' syndrome: endometrial progesterone receptor and estradiol dehydrogenase. Gravanis A, et al. **Fertil Steril** 1984 Nov;42(5):730-6

Endometrial estradiol and progesterone receptors in patients with luteal phase defects and endometriosis. Saracoglu OF, et al. **Fertil Steril** 1985 Jun;43(6):851-5

Sex steroid receptors in normal and malignant human vulvar tissue. Forcucci-Zulli M, et al. **Gynecol Obstet Invest** 1985; 19(2):103-6

Endolymphatic stromal myosis: a case with positive estrogen and progesterone receptors and good response to progestins. Tsukamoto N, et al. **Gynecol Oncol** 1985 Jan; 20(1):120-8

Autoradiographic study on localization of progestin target cells in the chicken testes. Seiki K, et al. **Hinyokika Kiyo** 1984 Aug;30(8):1013-20

Modulation of steroid receptors in rat mammary glands. Seshadri R, et al. **Indian J Exp Biol** 1984 Oct;22(10):523-6

Estrogen and progesterone receptors in congenital melanocytic nevi. Ellis DL, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):235-44

Immunologic detection of a protein homologous to chicken progesterone receptor B subunit. Peleg S, et al. **J Biol Chem** 1985 Jul 15;260(14):8492-501

Progesterone receptor in the chick oviduct: an immunohistochemical study with antibodies to distinct receptor components. Gasc JM, et al. **J Cell Biol** 1984 Oct; 99(4 Pt 1):1193-201

Correlations between estrogen receptor, progesterone receptor, and patient characteristics in human breast cancer. Clark GM, et al. **J Clin Oncol** 1984 Oct; 2(10):1102-9

Hormonal receptors in meningiomas [letter] Vaquero J, et al. **J Neurosurg** 1985 Jan;62(1):162-3

Steroid hormone receptors in human meningiomas. A look at the past, present and the future. Schlesinger S, et al. **Minn Med** 1985 Jul;68(7):544-5

Estradiol and progesterone receptors in human breast cancer. Mureşan Z, et al. **Neoplasma** 1985;32(2):217-24

Factors associated with prognosis in human breast cancer. V. The simultaneous use of estrogen and progesterone receptor measurements for prediction of short-term relapse. Pascual MR, et al. **Neoplasma** 1985;32(2):247-56

Correlation of luteinizing hormone surges with estrogen nuclear and progestin cytosol receptors in the hypothalamus and pituitary gland. II. Temporal estradiol effects. Camp P, et al. **Neuroendocrinology** 1985 Jan; 40(1):54-62

Correlation of luteinizing hormone surges with estrogen nuclear and progestin cytosol receptors in the hypothalamus and pituitary gland. I. Estradiol dose response effects. Camp P, et al. **Neuroendocrinology** 1985 Jan;40(1):45-53

Estrogen and progesterone receptors and progesterone metabolism in canine mammary tumours. Inaba T, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):797-803

Histopathologic correlations of estrogen and progestin receptor protein in epithelial ovarian carcinomas. Schwartz PE, et al. **Obstet Gynecol** 1985 Sep;66(3):428-33

Pseudocorpus luteum insufficiency: a study of cytosol progesterone receptors in human endometrium. Spirtos NJ, et al. **Obstet Gynecol** 1985 Apr;65(4):535-40

Estrogen and progesterone receptor assays in human breast cancer. A brief review of the relevant terms, methods, and clinical usefulness. Sundaram GS, et al. **Obstet Gynecol Surv** 1984 Dec;39(12):719-23

Estrogen and progesterone receptors in hereditary hemorrhagic telangiectasia. Richtsmeier W, et al. **Otolaryngol Head Neck Surg** 1984 Oct;92(5):564-70

Relationship of steroid hormone receptors to the cloning of fresh breast cancer tissues. Losa GA, et al. **Recent Results Cancer Res** 1984;94:276-82

Evaluation of microtitre plates for the routine assay of oestrogen and progesterone receptors in tissue extracts. Arrenbrecht S, et al. **Scand J Clin Lab Invest** 1985 Feb; 45(1):55-60

Primary hormonal therapy of advanced breast cancer with megestrol acetate: predictive value of estrogen receptor and progesterone receptor levels. Bonomi P, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 1):48-54

Role of progesterone receptors in breast cancer. McGuire WL, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 1):12-6

Hormone receptors and breast cancer: correlations with clinical and histologic features. Montesco MC, et al. **Tumori** 1984 Oct 31;70(5):445-50

[Estrogen and progesterone receptor assay in the normal endometrium and endometrial carcinoma] Li SY. **Chung Hua Chung Liu Tsa Chih** 1984 Nov;6(6):429-31 (Eng. Abstr.) **(Chi)**

[Estrogen and progesterone receptors in the assessment of endometrial carcinoma] Gao YL. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Oct;19(4):232-5, 258 (Eng. Abstr.) **(Chi)**

[Endometrial estrogen and progesterone receptors in women wearing intrauterine contraceptive devices] Niu EM. **Chung Hua Fu Chan Ko Tsa Chih** 1985 May;20(3):160-3, 190 (Eng. Abstr.) **(Chi)**

[Estrogenic and progesterone receptors in cancer of the breast] Frenkel Z. **Endocrinologie** 1984 Jul-Sep;22(3):215-7 **(Fre)**

[Estrogen and progesterone hormonal receptors in meningioma. Results and comments apropos of 26 cases] Jan M, et al. **Neurochirurgie** 1984;30(6):373-7 (Eng. Abstr.) **(Fre)**

[Estrogen and progesterone receptors in malignant melanoma, benign pigmented nevi and basocellular epithelioma] Avril MF, et al. **Pathol Biol (Paris)** 1985 Jan; 33(1):39-44 (Eng. Abstr.) **(Fre)**

[Hormonal receptors in metastatic adenocarcinoma of unlocalized primary cancer (letter)] Vannetzel JM, et al. **Presse Med** 1985 Mar 9;14(10):598 **(Fre)**

[Radioactive labeling of cytoplasmic hormone receptors. Determination and clinical significance of estrogen and progesterone receptors] Spona J. **Fortschr Med** 1984 Sep 20;102(35):856-8 (Eng. Abstr.) **(Ger)**

[Immunohistochemical determination of estrogen receptors in breast carcinoma tissue using monoclonal antibodies. 1st clinical findings] Jonat W, et al. **Geburtshilfe Frauenheilkd** 1985 Jul;45(7):473-6 (Eng. Abstr.) **(Ger)**

[Puncture cytology of the breast: correlation of visual and image analysis studies with hormone receptor status] Schenck U, et al. **Geburtshilfe Fraunheilkd** 1985 Jan; 45(1):17-21 (Eng. Abstr.) **(Ger)**

[Comparison between the biochemical and histochemical determination of hormone receptors in breast carcinomas] Manfreda D, et al. **Onkologie** 1985 Apr;8(2):111-2 (Eng. Abstr.) **(Ger)**

[Significance of hormone receptors of breast cancer cells for the duration of a disease-free interval] Zielinski CC, et al. **Wien Klin Wochenschr** 1985 May 24;97(11):493-7 (Eng. Abstr.) **(Ger)**

[Estrogen and progesterone receptors in endometrial carcinoma following endometrial radiation therapy] Thurzó L, et al. **Orv Hetil** 1985 Jan 20;126(3):137-9 (Eng. Abstr.) **(Hun)**

[Correlation between positivity of hormonal receptors and the finding of metastases in regional lymph nodes] Volterrani P, et al. **Minerva Ginecol** 1985 Jun;37(6):317 **(Ita)**

[Changes of hormone receptor status in various treatment for human breast cancer and DMBA tumor of the rat] Iino Y, et al. **Gan No Rinsho** 1984 Oct;30(13):1633-7 (Eng. Abstr.) **(Jpn)**

[Relationship between hormone receptors in human breast cancer and nuclear grade] Nishi T, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Oct 20;19(9):2172-8 (Eng. Abstr.) **(Jpn)**

[Establishment of a new human endometrial adenocarcinoma cell line, Ishikawa cells, containing estrogen and progesterone receptors] Nishida M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul; 37(7):1103-11 (Eng. Abstr.) **(Jpn)**

[Ovarian tumor and steroid hormone receptors] Nishimura H, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr; 37(4):665-8 **(Jpn)**

[Steroid hormone receptors in malignant mammary gland tumors in dogs] Rampan IuI, et al. **Eksp Onkol** 1985; 7(2):40-3 (Eng. Abstr.) **(Rus)**

[Estrogen and progesterone receptors in the decidual tissue of women administered prostaglandins and experiencing spontaneous abortion] Asribekova MK, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):26-9 (Eng. Abstr.) **(Rus)**

[Cytoplasmatic receptors of steroid hormones in malignant epithelial ovarian tumors] Makhova EE, et al. **Vopr Onkol** 1984;30(12):36-40 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Induction of cytoplasmic progesterone receptor in human endometrial carcinoma transplanted into nude mice. Soper JT, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):437-9

Rat uterine growth and induction of progesterone receptor without estrogen receptor translocation. Jordan VC, et al. **Endocrinology** 1985 May;116(5):1845-57

Dynamics and control of progesterone receptor synthesis in the fetal uterus of the guinea-pig in organ culture. Sumida C, et al. **J Endocrinol** 1985 Jun;105(3):415-21

DRUG EFFECTS

Opposing biological actions of antiestrogens in vitro and in vivo: induction of progesterone receptor in the rat and mouse uterus. Campen CA, et al. **Endocrinology** 1985 Jun; 116(6):2327-36

Estrogen responsiveness of normal mouse mammary cells in primary cell culture: association of mammary fibroblasts with estrogenic regulation of progesterone receptors. Haslam SZ, et al. **Endocrinology** 1985 May;116(5):1835-44

The antiprogestin RU38 486: receptor-mediated progestin versus antiprogestin actions screened in estrogen-insensitive T47Dco human breast cancer cells. Horwitz KB. **Endocrinology** 1985 Jun;116(6):2236-45

Transformation of chick oviduct progesterone receptor in vitro: effects of hormone, salt, heat, and adenosine triphosphate. Moudgil VK, et al. **Endocrinology** 1985 Apr; 116(4):1267-74

Mechanism of action of an antiprogesterone, RU486, in the rabbit endometrium. Effects of RU486 on the progesterone receptor and on the expression of the uteroglobin gene. Rauch M, et al. **Eur J Biochem** 1985 Apr 15;148(2):213-8

RU486, a progestin and glucocorticoid antagonist, inhibits the growth of breast cancer cells via the progesterone receptor. Bardon S, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):692-7

Tamoxifen decreases progesterone and nuclear androgen receptors in the human prostate. Albert JD, et al. **J Steroid Biochem** 1984 Dec;21(6):659-62

Supplemental progesterone delays heat termination and the loss of progestin receptors from hypothalamic cell nuclei in female guinea pigs. Brown TJ, et al. **Neuroendocrinology** 1984 Nov;39(5):384-91

GENETICS

The rabbit progesterone receptor. Evidence for a single steroid-binding subunit and characterization of receptor mRNA. Loosfelt H, et al. **J Biol Chem** 1984 Nov 25; 259(22):14196-202

Glucocorticoid and progesterone receptors bind to the same sites in two hormonally regulated promoters. von der Ahe D, et al. **Nature** 1985 Feb 21-27;313(6004):706-9

Molecular cloning of a cDNA for the chicken progesterone receptor B antigen. Zarucki-Schulz T, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6358-62

IMMUNOLOGY

Development of a monoclonal antibody to the rabbit 8.5S uterine progestin receptor. Nakao K, et al. **Can J Biochem Cell Biol** 1985 Jan;63(1):33-40

Relationship of monoclonal antibody binding to estrogen and progesterone receptor content in breast cancer. Hendler FJ, et al. **Cancer Res** 1985 Jan;45(1):421-9

Immunological similarity between the chick oviduct progesterone receptor forms A and B. Gronemeyer H, et al. **J Biol Chem** 1985 Jun 10;260(11):6916-25

ISOLATION & PURIFICATION

One-step immunoaffinity purification of active progesterone receptor. Further evidence in favor of the existence of a single steroid binding subunit. Logeat F, et al. **Biochemistry** 1985 Feb 12;24(4):1029-35

Isolation of dissimilar components of the 8.5S nonactivated uterine progestin receptor. Tai PK, et al. **Can J Biochem Cell Biol** 1985 Jan;63(1):41-9

High-performance and ion-exchange chromatography and chromatofocusing of the human uterine progesterone receptor: its application to the identification of 21-[3H]dehydro Org 2058-labelled receptor. Heubner A, et al. **J Chromatogr** 1984 Aug 3;297:301-11

Characterization of steroid hormone receptors with ion-exchange fast protein liquid chromatography. Brinkmann AO, et al. **J Steroid Biochem** 1985 Jan;22(1):85-90

Non-activated progesterone receptor extracted from nuclei of hen oviduct. Wolfson AJ. **J Steroid Biochem** 1984 Nov;21(5):519-21

METABOLISM

Progesterone-receptor assay in fine needle aspirates of breast tumors [letter] Merle S, et al. **Acta Cytol (Baltimore)** 1985 May-Jun;29(3):496-8

Cytosol estrogen and progestin receptor concentrations and 17 beta-hydroxysteroid dehydrogenase activities in the endometrium and endometriotic tissue. Effects of hormonal treatment. Kauppila A, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:45-9

Cytoplasmic estrogen and progesterone receptors in canine endometrium during the estrous cycle. Johnston SD, et al. **Am J Vet Res** 1985 Aug;46(8):1653-8

Clomiphene-induced changes in endometrial receptor kinetics on the day of ovum collection after ovarian stimulation: a study on cytosol and nuclear estrogen and progestin receptors and 17 beta-hydroxysteroid dehydrogenase. Rönnberg L. et al. **Ann NY Acad Sci** 1985;442:408-15

Simultaneous and sequential determinations of steroid hormone receptors in human breast cancer. Influence of intervening therapy. Jakesz R, et al. **Ann Surg** 1985 Mar;201(3):305-10

A multifactorial analysis of steroid hormone receptors in stages I and II breast cancer. Kohail HM, et al. **Ann Surg** 1985 May;201(5):611-7

Is endocrine status relevant to treatment planning in patients with gynaecological cancer? Quinn MA. **Aust NZ J Obstet Gynaecol** 1984 May;24(2):153-7

The nuclear-bound form of the progesterone receptor is generated through a hormone-dependent phosphorylation. Logeat F, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):421-7

Reconstitution of nativelike nuclear acceptor sites of the avian oviduct progesterone receptor: evidence for involvement of specific chromatin proteins and specific DNA sequences. Spelsberg TC, et al. **Biochemistry** 1984 Oct 23;23(22):5103-13

Neonatal castration of male and female rats affects hypothalamic and pituitary estrogen nuclear and progestin cytosol receptors. Weiland NG, et al. **Biol Reprod** 1984 Dec;31(5):950-8

Biochemical and histochemical analysis of steroid hormone binding sites in human primary breast cancer. Janssens JP, et al. **Cancer** 1985 Jun 1;55(11):2600-11

Progestin and estrogen receptors in human meningioma. Blankenstein MA, et al. **Clin Neuropharmacol** 1984;7(4):363-7

Estrogen and progestin receptors in meningiomas: clinicopathological correlations. Markwalder TM, et al. **Clin Neuropharmacol** 1984;7(4):368-74

1-(o-Chlorophenyl)-1 (p-chlorophenyl)2,2,2-trichloroethane induces functional progestin receptors in the rat hypothalamus and pituitary gland. Brown TJ, et al. **Endocrinology** 1984 Dec;115(6):2052-8

Correlation between in vitro growth and regulation of estrogen and progesterone receptors in rat mammary epithelial cells. Edery M, et al. **Endocrinology** 1984 Nov;115(5):1691-7

Regulation of estrogen and progesterone receptor levels in mouse mammary epithelial cells grown in serum-free collagen gel cultures. Edery M, et al. **Endocrinology** 1985 Jan;116(1):105-12

Hormonal regulation of myometrial estrogen, progesterone, and oxytocin receptors in the pregnant and pseudopregnant hamster. Leavitt WW. **Endocrinology** 1985 Mar;116(3):1079-84

Problems and artifacts in the identification of nuclear acceptor sites for the avian oviduct progesterone receptor. Littlefield BA, et al. **Endocrinology** 1985 Jul;117(1):412-4

Organizational effects of testosterone via aromatization on feminine reproductive behavior and neural progestin receptors in rat brain. Parsons B, et al. **Endocrinology** 1984 Oct;115(4):1412-7

Immunocytochemical study of mammalian progesterone receptor using monoclonal antibodies. Perrot-Applanat M, et al. **Endocrinology** 1985 Apr;116(4):1473-84

Transformation of highly purified avian progesterone receptor. Puri RK, et al. **Endocrinology** 1984 Dec;115(6):2453-63

Protein kinase activity in the rat mammary gland during pregnancy, lactation, and weaning: a correlation with growth but not with progesterone receptor levels. Sharoni Y, et al. **Endocrinology** 1984 Nov;115(5):1918-24

Progesterone receptor in the chick bursa of fabricius: characterization and immunohistochemical localization. Ylikomi T, et al. **Endocrinology** 1985 Jul;117(1):155-60

Chick oviduct glucocorticosteroid receptor. Specific binding of the synthetic steroid RU 486 and immunological studies with antibodies to chick oviduct progesterone receptor. Groyer A, et al. **Eur J Biochem** 1985 Jun 3;149(2):445-51

Androgen receptor activity in human breast cancer and its relationship with oestrogen and progestogen receptor activity. Miller WR, et al. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):539-42

Ultrastructural evidence of progesterone receptor by immunochemistry. Morel G, et al. **Exp Cell Res** 1984 Nov;155(1):283-8

Nuclear progestin receptor in the chimpanzee sex skin. Ozasa H, et al. **Experientia** 1984 Dec 15;40(12):1424-6

Receptor binding of 6 alpha-methylprogesterone in mouse kidney. Houben PW, et al. **Horm Res** 1985;21(4):261-9

Endocrine sensitivity of the receptor-positive T61 human breast carcinoma serially grown in nude mice. Brünner N, et al. **Int J Cancer** 1985 Jan 15;35(1):59-64

Short-term effects of danazol and medroxyprogesterone acetate on cytosol and nuclear estrogen and progestin receptors, 17 beta-hydroxysteroid dehydrogenase activity, histopathology, and ultrastructure of human endometrial adenocarcinoma. Kauppila A, et al. **Int J Cancer** 1985 Feb 15;35(2):157-63

Estrogen and progesterone receptors in the human vagina. Di Carlo F, et al. **J Endocrinol Invest** 1985 Apr;8(2):131-4

3H-cyproterone acetate: binding characteristics to human uterine progestagen receptors. Grill HJ, et al. **J Endocrinol Invest** 1985 Apr;8(2):135-41

Estradiol and progesterone receptors in normal and pathologic colonic mucosa in humans. Marugo M, et al. **J Endocrinol Invest** 1985 Apr;8(2):117-9

Effects of body weight, adrenal status, and estrogen priming on hypothalamic progestin receptors in male and female rats. Etgen AM. **J Neurosci** 1985 Sep;5(9):2439-42

Estrogen and progesterone receptors of human endometrial cells in vivo and in vitro: comparative results of radiochemical and histochemical assays. Gay G, et al. **J Recept Res** 1983-84;3(6):685-701

Estrogen and progesterone receptors in the uterus of the vervet monkey. Potgieter HC, et al. **J Recept Res** 1985;5(2-3):193-218

Prolactin as a factor in the uterine response to progesterone in rabbits. Daniel JC Jr, et al. **J Reprod Fertil** 1984 Nov;72(2):443-52

Receptor binding of allylestrenol, a progestagen of the 19-nortestosterone series without androgenic properties. Bergink EW, et al. **J Steroid Biochem** 1985 Aug;23(2):165-8

Stereospecificity of the intracellular binding of norethisterone and its A-ring reduced metabolites. Chávez BA, et al. **J Steroid Biochem** 1985 Jan;22(1):121-6

Interaction of chick oviduct progesterone receptor with immobilized aurintricarboxylic acid. Moudgil VK, et al. **J Steroid Biochem** 1985 Jun;22(6):747-51

Estrogen response of MCF-7 cells grown on diverse substrates and in suspension culture: promotion of morphological heterogeneity, modulation of progestin receptor induction; cell-substrate interactions on collagen gels. Pourreau-Schneider N, et al. **J Steroid Biochem** 1984 Dec;21(6):763-71

Relationship between progesterone receptor binding and progestin biological activity. Spilman CH, et al. **J Steroid Biochem** 1985 Mar;22(3):289-92

Oestradiol and progesterone receptors in the pig oviduct during the oestrous cycle. Stanchev P, et al. **J Steroid Biochem** 1985 Jan;22(1):115-20

Binding of activated progesterone receptor to microsomes. Wolfson AJ, et al. **J Steroid Biochem** 1985 Jun;22(6):721-6

Breast cancers: estrogen and progesterone receptor status as a predictor of in vitro chemotherapeutic response. Bertelsen CA, et al. **J Surg Res** 1984 Oct;37(4):257-63

Sequential assays of hormone receptors and the Tritiated Thymidine Labeling Index in 7,12-dimethylbenz(a)anthracene-induced rat mammary cancers. Araki K, et al. **Jpn J Surg** 1985 Mar;15(2):150-9

Evidence for specific DNA sequences in the nuclear acceptor sites of the avian oviduct progesterone receptor. Toyoda H, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4722-6

Diethylpyrocarbonate, a histidine selective reagent, inhibits progestin binding to chick oviduct cytosol. Baker ME, et al. **Steroids** 1983 Dec;42(6):593-602

Chick oviduct progesterone receptor binding of 15 beta, 17-dihydroxyprogesterone and its analogues. Baker ME, et al. **Steroids** 1984 Feb;43(2):153-8

Ligand-induced change in sedimentation behavior of human progestin receptors. ElDeib MM, et al. **Steroids** 1983 Dec;42(6):687-705

Magnal steroid hormone receptors during egg formation in the domestic hen. Okulicz WC, et al. **Steroids** 1984 Mar;43(3):261-70

Glucosiduronidation of androsterone by human breast tumors in vitro in relation to the progesterone receptor content. Raju U, et al. **Steroids** 1983 Oct;42(4):449-55

Progestin receptors in dispersed rat anterior pituitary cells: enriched binding in lactotrope fractions. Schenborn ET, et al. **Steroids** 1984 Jun;43(6):589-601

Hormone receptors in the management of breast cancer. Osborne CK. **Tex Med** 1984 Nov;80(11):30-2

[Markers of hormonal receptors. A new step in molecular biology] Mauvais-Jarvis P, et al. **Pathol Biol (Paris)** 1984 Nov;32(9):917-20 **(Fre)**

[Studies of progestin specific binding protein in the human prostate [I]: Studies on basic conditions for the accurate quantitative assay method] Imai K, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Aug 20;60(8):950-63 (Eng. Abstr.) **(Jpn)**

[Local uterine hormonemia and steroid hormone receptors] Savitskiĭ GA, et al. **Akush Ginekol (Mosk)** 1985 Feb;(2):19-22 (Eng. Abstr.) **(Rus)**

[Changes in steroid receptors during histopathologic transformation of tissue in the human uterus] Ribarac-Stepić N, et al. **Jugosl Ginekol Opstet** 1984 Sep-Dec;24(5-6):79-83 (Eng. Abstr.) **(Ser)**

PHYSIOLOGY

Noradrenergic inhibitors cause accumulation of nuclear progestin receptors in guinea pig hypothalamus. Blaustein JD. **Brain Res** 1985 Jan 28;325(1-2):89-98

Alpha 1-noradrenergic regulation of hypothalamic progestin receptors and guinea pig lordosis behavior. Nock B, et al. **Brain Res** 1984 Sep 17;310(1):77-85

Progesterone modulation of the luteinizing hormone surge: regulation of hypothalamic and pituitary progestin receptors. Attardi B. **Endocrinology** 1984 Dec;115(6):2113-22

Progestin receptors and the activation of female reproductive behavior: a critical review. Etgen AM. **Horm Behav** 1984 Dec;18(4):411-30

Estrogen and progestin receptors appear in transplanted fetal hypothalamus-preoptic area independently of the steroid environment. Paden CM, et al. **J Neurosci** 1985 Sep;5(9):2374-81

The relationship between heat abbreviation and neural progestin receptors in female rats. Reading DS, et al. **Physiol Behav** 1984 Jun;32(6):973-81

RADIATION EFFECTS

Interaction of ionizing irradiation with steroid receptors in human breast cancer cells. Janssens JP, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5650-6

RECEPTORS, PROGESTIN see **RECEPTORS, PROGESTERONE**

RECEPTORS, PROSTAGLANDIN see under **RECEPTORS, ENDOGENOUS SUBSTANCES**

RECEPTORS, SENSORY

[Composition and histotopography of receptors in antagonist muscles of the radial area of the human forearm] Chuchkov VM, et al. **Arkh Anat Gistol Embriol** 1985 Jan;88(1):40-3 (Eng. Abstr.) **(Rus)**

ANALYSIS

Multiple receptor types for amino acids in the carp olfactory cells revealed by quantitative cross-adaptation method. Ohno T, et al. **Brain Res** 1984 Sep 17;310(1):13-21

ANATOMY & HISTOLOGY

Sensory nerve endings of the incisive papilla of rat hard palate studied by peroxidase cytochemical methods. Chan KY, et al. **J Comp Neurol** 1985 Apr 8;234(2):192-200

Anterograde axonal transport and intercellular transfer of WGA-HRP in trigeminal-innervated sensory receptors of rat incisive papilla. Chan KY, et al. **J Comp Neurol** 1985 Apr 8;234(2):201-17

CYTOLOGY

Subclasses of olfactory receptor cells and their segregated central projections demonstrated by a monoclonal antibody. Fujita SC, et al. **Brain Res** 1985 Feb 4;326(1):192-6

Anterograde fluorescent labeling of olfactory receptor neurons by Procion and Lucifer dyes. Suzuki N. **Brain Res** 1984 Oct 8;311(1):181-5

Identification of a cell surface glycoprotein family of olfactory receptor neurons with a monoclonal antibody. Allen WK, et al. **J Neurosci** 1985 Feb;5(2):284-96

Is the Merkel cell a secondary sensory cell? (A contribution to the classification of merkel cell neurite complexes). Malinovský L, et al. **Z Mikrosk Anat Forsch** 1985;99(1):119-28 (47 ref.)

DRUG EFFECTS

Propyl ether. I. Interaction with the sensory irritant receptor. Nielsen GD, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb;56(2):158-64

Afferent facilitation induced by iontophoretic application of acidic amino acids in the ampullary electroreceptors of Plotosus. Nagai T, et al. **J Neurophysiol** 1985 Apr; 53(4):853-67

EMBRYOLOGY

Neurotrophic interactions during in vitro development of the inner ear. Van de Water TR, et al. **Ann Otol Rhinol Laryngol** 1984 Nov-Dec;93(6 Pt 1):558-64

METABOLISM

Effect of tocainide on the concentrations of norepinephrine dopamine, serotonin and histamine in rat brain and its binding affinity to neuroceptors. Przuntek H, et al. **Arzneimittelforschung** 1985;35(5):787-9

Purification and characterisation of an odorant-binding protein from cow nasal tissue. Bignetti E, et al. **Eur J Biochem** 1985 Jun 3;149(2):227-31

Electrophysiological evidence for acidic, basic, and neutral amino acid olfactory receptor sites in the catfish. Caprio J, et al. **J Gen Physiol** 1984 Sep;84(3):403-22

Localization of chromatographically characterized oxytocin and arginine-vasopressin to sensory neurones in the rat. Kai-Kai MA, et al. **Neurosci Lett** 1985 Mar 22;55(1):83-8

PATHOLOGY

[The morphology of sensory corpuscles in the joint capsule--ultrastructural and histochemical study] Toyoma Y. **Nippon Seikeigeka Gakkai Zasshi** 1985 Apr; 59(4):397-407 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

The effect of indomethacin on the local cerebral blood flow increase induced by somato-sensory stimulation. Dahlgren N, et al. **Acta Physiol Scand** 1984 Nov;122(3):269-74

An autoradiographic study of the mouse olfactory epithelium: evidence for long-lived receptors. Hinds JW, et al. **Anat Rec** 1984 Oct;210(2):375-83

The sensory nerve supply to the tongue: a clinical reappraisal. Tier GA, et al. **Br Dent J** 1984 Nov 24;157(10):354-7

Transduction physiology of olfactory receptor cilia. Adamek GD, et al. **Brain Res** 1984 Sep 17;310(1):87-97

Influence of olfactory bulb on dendritic knob density of rat olfactory receptor neurons in vitro. Chuah MI, et al. **Brain Res** 1985 Jul 15;338(2):259-66

Rapid displacements of the skin lack clear positional information. Horch KW, et al. **Brain Res** 1984 Sep 10; 309(2):382-3

Olfactory discrimination of structurally related molecules: receptor cell responses to camphoraceous odorants. Sicard G. **Brain Res** 1985 Feb 11;326(2):203-12

Oral pressure receptors mediate a series of inhibitory and excitatory periods in the masseteric poststimulus EMG complex following tapping of a tooth in man. van der Glas HW, et al. **Brain Res** 1985 Jun 24;337(1):117-25

Responsiveness of the olfactory receptor cells in dog to some odors. Tonosaki K, et al. **Comp Biochem Physiol [A]** 1985; 81(1):7-13

Threshold and signal detection measurements of the effect of soft contact lenses on corneal sensitivity. Beuerman RW, et al. **Curr Eye Res** 1985 Jun;4(6):742-4

Sensory receptors in ankle joint capsules of normal and arthritic rats. Guilbaud G, et al. **Exp Brain Res** 1985; 58(1):29-40

Mechanisms of sensory adaptation in the isolated utricle. Macadar O, et al. **Exp Neurol** 1984 Oct;86(1):147-59

Evidence for the presence of osmoreceptors in medulla of the dog. Srivastava YP, et al. **Indian J Physiol Pharmacol** 1984 Jan-Mar;28(1):10-4

The vertebrate ear as an exquisite seismic sensor. Narins PM, et al. **J Acoust Soc Am** 1984 Nov;76(5):1384-7

Acoustic emissions from the ear: a summary of results from humans and animals. Zurek PM. **J Acoust Soc Am** 1985 Jul;78(1 Pt 2):340-4

Postembryonic changes in the peripheral electrosensory system of a weakly electric fish: addition of receptor organs with age. Zakon HH. **J Comp Neurol** 1984 Oct 1; 228(4):557-70

Norepinephrine as a possible transmitter involved in synaptic transmission in frog taste organs and Ca dependence of its release. Nagahama S, et al. **J Gen Physiol** 1985 Mar; 85(3):431-42

Different types of slowly conducting afferent units in cat skeletal muscle and tendon. Mense S, et al. **J Physiol (Lond)** 1985 Jun;363:403-17

Reflex cardiopulmonary responses by stimulation to type J receptors in rats exposed to NO2. Tsubone H, et al. **J Toxicol Environ Health** 1984;13(4-6):905-17

Physiological properties of lateral line receptors of the lamprey. Akoev GN, et al. **Neurosci Lett** 1984 Aug 24; 49(1-2):171-3

Perireceptor and receptor events in vertebrate olfaction. Getchell TV, et al. **Prog Neurobiol** 1984;23(4):317-45 (185 ref.)

Physiological properties of the electro- and mechanoreceptors in catfish Ictalurus nebulosus. Tong SL, et al. **Sci Sin [B]** 1984 Oct;27(10):1023-8

[Topics on cough receptor and bronchoconstriction] Sasaki K. **Kokyu To Junkan** 1985 Jan;33(1):25-31 **(Jpn)**

[Differences in taste sensitivity in women and men] Jatczak J, et al. **Otolaryngol Pol** 1984;38(4):307-11 (Eng. Abstr.) **(Pol)**

[Centro-peripheral organization of the kinesthetic system studied by natural stimulation of peripheral receptors] Fedan VA, et al. **Biull Eksp Biol Med** 1984 Nov; 98(11):633-4 (Eng. Abstr.) **(Rus)**

[Sensory support of tongue movements in the sound-forming process in infants in the lst year of life] Liubimova ZV. **Biull Eksp Biol Med** 1985 Jul;100(7):116-7 (Eng. Abstr.) **(Rus)**

[Dependence of the interpretation of tactile stimuli on the orientation of the receptive field] Gurfinkel' VS, et al. **Fiziol Cheloveka** 1985 Jan-Feb;11(1):3-6 **(Rus)**

[Biogenic amine content of various parts of the brain under the stimulation of interoceptors of the gastrointestinal tract] Kravets SV, et al. **Fiziol Zh** 1985 Mar-Apr;31(2):216-9 **(Rus)**

[Frequency characteristics of central neurons of the electroreceptor system of the skate in response to exposure to electric and magnetic fields] Andrianov IuN, et al. **Neirofiziologiia** 1984;16(4):464-70 (Eng. Abstr.) **(Rus)**

[Reactions of the ampullae of Lorenzini of the skate to electric stimulation after polarization of the receptor epithelium] Broun GR, et al. **Neirofiziologiia** 1984; 16(6):836-8 (Eng. Abstr.) **(Rus)**

[Current concepts of the principles of odor discrimination in the olfactory organ of vertebrates] Gladysheva OS, et al. **Usp Fiziol Nauk** 1985 Apr-Jun;16(2):98-111 (98 ref.) **(Rus)**

[Mechanisms of orientation selectivity of simple and complex neurons in the visual cortex and a model of the orientation-selective receptive field] Supin AIa. **Usp Fiziol Nauk** 1984 Oct-Dec;15(4):23-45 (47 ref.) **(Rus)**

PHYSIOPATHOLOGY

The role of local factors in dentin and pulp in intradental pain mechanisms. Olgart LM. **J Dent Res** 1985 Apr;64 Spec No:572-8

Role of airway receptors in the breathing pattern of patients with chronic obstructive lung disease. Fennerty AG, et al. **Thorax** 1985 Apr;40(4):268-71

RADIONUCLIDE IMAGING

Imaging neuroreceptors in the human brain in health and disease. Wagner HN Jr, et al. **Radioisotopes** 1985 Feb; 34(2):103-7 (9 ref.)

SURGERY

The restoration of sensibility by nerve translocation. Lewis RC Jr, et al. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall; 44(2):288-96

ULTRASTRUCTURE

Electron microscope study of the Grandry and Herbst corpuscles in the palatine mucosa, gingival mucosa and beak skin of the duck. Watanabe I, et al. **Arch Histol Jpn** 1985 Feb;48(1):89-108

Electron-microscopic observations of the gravity receptor epithelia of normal and spinner juvenile Octopus maya. Fermin CD, et al. **Cell Tissue Res** 1985;240(3):701-4

Are the funnel-canal organs the 'campaniform sensilla' of the shore crab, Carcinus maenas (Decapoda, Crustacea)? II. Ultrastructure. Schmidt M, et al. **Cell Tissue Res** 1984; 237(1):81-93

Distribution of sensory receptors in the flexor carpi radialis muscle of the cat. Richmond FJ, et al. **J Morphol** 1985 Jan;183(1):1-13

Ultrastructure of sensory nerve endings in monkey (Macaca fascicularis) knee joint capsule. Halata Z, et al. **J Orthop Res** 1984;2(2):169-76

Fine structure of subepithelial 'free' and corpuscular trigeminal nerve endings in anterior hard palate of the rat. Byers MR, et al. **Somatosens Res** 1984;1(3):265-79

Fine structure and axonal transport labeling of intraepithelial sensory nerve endings in anterior hard palate of the rat. Yeh Y, et al. **Somatosens Res** 1983;1(1):1-19

RECEPTORS, SEROTONIN

ANALYSIS

Regulation of serotonin neurotransmission by antidepressant drugs and electroconvulsive shock: the fall and rise of serotonin receptors. Kellar KJ, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:138-45

Increase in serotonin2 receptor density in rat cerebral cortex slices by stimulation of beta-adrenergic receptors. Scott JA, et al. **Biochem Pharmacol** 1985 May 1;34(9):1585-8

Regional distribution of neurotransmitter receptors in the visual structures of the rat brain. Schliebs R, et al. **Biomed Biochim Acta** 1984;43(10):1119-25

Evidence for the existence of serotonin type-2 receptors on cholinergic terminals in rat cortex. Quirion R, et al. **Brain Res** 1985 May 6;333(2):345-9

The binding of serotonergic ligands to the porcine choroid plexus: characterization of a new type of serotonin recognition site. Pazos A, et al. **Eur J Pharmacol** 1984 Nov 27;106(3):539-46

Mesulergine, a selective serotonin-2 ligand in the rat cortex, does not label these receptors in porcine and human cortex: evidence for species differences in brain serotonin-2 receptors. Pazos A, et al. **Eur J Pharmacol** 1984 Nov 27; 106(3):531-8

Target size analysis of serotonin 5-HT1 and 5-HT2 receptors in bovine brain membranes. Nishino N, et al. **Life Sci** 1985 Sep 23;37(12):1167-74

Serotonin concentrations in normal aging human brains: relation to serotonin receptors. Wester P, et al. **Neurobiol Aging** 1984 Fall;5(3):199-203

Differential changes in central serotonin and dopamine receptors in spontaneous hypertensive rats. Chiu P, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):665-8

[Two distinct serotonin receptors in the mammalian central nervous system] Ye WL. **Sheng Li Ko Hsueh Chin Chan** 1985 Apr;16(2):110-4 (49 ref.) **(Chi)**

[Topography of the serotonin neurons in the brain stem of human fetus: an immunohistochemical study] Takahashi H, et al. **No To Shinkei** 1984 Jul;36(7):697-708 (Eng. Abstr.) **(Jpn)**

ANTAGONISTS & INHIBITORS

Specific antagonism of enteric neural serotonin receptors by dipeptides of 5-hydroxytryptophan: evidence that serotonin is a mediator of slow synaptic excitation in the myenteric plexus. Takaki M, et al. **J Neurosci** 1985 Jul; 5(7):1769-80

CLASSIFICATION

Peripheral 5-hydroxytryptamine receptors and their classification. Humphrey PP. **Neuropharmacology** 1984 Dec;23(12B):1503-10 (68 ref.)

DRUG EFFECTS

The citalopram/5-HTP-induced head shake syndrome is correlated to 5-HT2 receptor affinity and also influenced by other transmitters. Arnt J, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Nov;55(5):363-72

Alterations in monoamine-containing neuronal function due to administration of antidepressants repeatedly to rats. Frazer A, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:21-34

Anti-depressant treatments and serotonin receptor number and function. Green AR. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:128-37

Effects of antidepressant drugs on cerebral serotonin receptor mechanisms. Ögren SO, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:105-27

Presynaptic and transynaptic mechanisms involved in the subsensitivity of rat cortical noradrenergic system after long-term antidepressant treatment. Racagni G, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:190-7

Restoration of post-thrombotic peripheral collateral circulation in the cat by ketanserin, a selective 5-HT2-receptor antagonist. Nevelsteen A, et al. **Arch Int Pharmacodyn Ther** 1984 Aug;270(2):268-79

Serotonin-induced contraction of canine saphenous vein: mediation by 5-HT1 receptors. Tuncer M, et al. **Arch Int Pharmacodyn Ther** 1985 Apr;274(2):305-12

Irreversible blockade of central 5-HT binding sites by 8-methoxy-2'-chloro-PAT. Emerit MB, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):883-92

Effects of clonidine, piperoxane and locus coeruleus lesion on the serotonergic and dopaminergic systems in raphe and caudate nucleus. Geyer MA, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3399-404

Selective interaction of novel anxiolytics with 5-hydroxytryptamine1A receptors. Peroutka SJ. **Biol Psychiatry** 1985 Sep;20(9):971-9

Pharmacological activity of ACC-7513, a selective alpha-adrenoceptor and 5-hydroxytryptamine receptor blocking agent. Anderson WG, et al. **Br J Pharmacol** 1985 Apr;84(4):793-800

Tryptamine-induced vasoconstrictor responses in rat caudal arteries are mediated predominantly via 5-hydroxytryptamine receptors. Bradley PB, et al. **Br J Pharmacol** 1985 Apr;84(4):919-25

A behavioural and biochemical study in mice and rats of putative selective agonists and antagonists for 5-HT1 and 5-HT2 receptors. Goodwin GM, et al. **Br J Pharmacol** 1985 Mar;84(3):743-53

5-HT2 receptor characteristics in frontal cortex and 5-HT2 receptor-mediated head-twitch behaviour following antidepressant treatment to mice. Goodwin GM, et al. **Br J Pharmacol** 1984 Sep;83(1):235-42

Characterization of the receptor mediating contraction of human umbilical artery by 5-hydroxytryptamine. McGrath JC, et al. **Br J Pharmacol** 1985 Jan;84(1):199-202

5-Carboxamide tryptamine, a compound with high affinity for 5-hydroxytryptamine1 binding sites, dilates arterioles and constricts arteriovenous anastomoses. Saxena PR, et al. **Br J Pharmacol** 1985 Feb;84(2):533-44

Effects of methysergide and 5-hydroxytryptamine on carotid blood flow distribution in pigs: further evidence for the presence of atypical 5-HT receptors. Saxena PR, et al. **Br J Pharmacol** 1984 Aug;82(4):817-26

Brain serotonin receptors as a target for the putative anxiolytic TVX Q 7821. Traber J, et al. **Brain Res Bull** 1984 Jun;12(6):741-4

Selective 5-HT2 receptor blockade in exercise-induced asthma. So SY, et al. **Clin Allergy** 1985 Jul;15(4):371-6

Serotonin enhances sympathetic vasoconstrictor responses in rat isolated perfused tail artery by activation of postjunctional serotonin-2 receptors. Medgett IC, et al. **Clin Exp Pharmacol Physiol** 1984 Jul-Aug;11(4):343-6

A molecular theory of recognition and activation at a 5-HT receptor based on a quantum chemical approach to structure activity relationships. Osman R, et al. **Clin Physiol Biochem** 1985;3(2-3):80-8

Verapamil, an antagonist at 5-hydroxytryptamine receptors of human blood platelets. Affolter H, et al. **Eur J Pharmacol** 1985 Jan 22;108(2):157-62

The analgesic activity of calcitonin and the central serotonergic system. Clementi G, et al. **Eur J Pharmacol** 1985 Jan 15;108(1):71-5

Differential selectivities of RU 24969 and 8-OH-DPAT for the purported 5-HT1A and 5-HT1B binding sites. Correlation between 5-HT1A affinity and hypotensive activity. Doods HN, et al. **Eur J Pharmacol** 1985 Jun 19; 112(3):363-70

Reduction in cortical 5HT2 receptor sensitivity after continuous gepirone treatment. Eison AS, et al. **Eur J Pharmacol** 1985 May 20;111(3):389-92

Anticonflict effect of the putative serotonin receptor agonist 8-hydroxy-2-(di-n-propylamino)tetralin (8-OH-DPAT). Engel JA, et al. **Eur J Pharmacol** 1984 Oct 15; 105(3-4):365-8

5HT-receptor antagonist properties of SCH 23390 in vascular smooth muscle and brain. Hicks PE, et al. **Eur J Pharmacol** 1984 Oct 15;105(3-4):339-42

Acute and chronic phencyclidine administration changes serotonin receptors in rat brain. Nabeshima T, et al. **Eur J Pharmacol** 1985 Feb 12;109(1):129-30

The effect of cisapride on neural 5-HT receptors in guinea-pig isolated ileum. Neya T, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):221-2

[3H]WB4101 labels S1 serotonin receptors in rat cerebral cortex. Norman AB, et al. **Eur J Pharmacol** 1984 Nov 13; 106(2):461-2

SCH 23390 and SK&F 83566 are antagonists at vascular dopamine and serotonin receptors. Ohlstein EH, et al. **Eur J Pharmacol** 1985 Jan 22;108(2):205-8

Two 5-HT receptors linked to adenylate cyclase in guinea pig hippocampus are discriminated by 5-carboxamidotryptamine and spiperone. Shenker A, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):427-9

The involvement of subtypes of the 5-HT1 receptor and of catecholaminergic systems in the behavioural response to 8-hydroxy-2-(di-n-propylamino)tetralin in the rat. Tricklebank MD, et al. **Eur J Pharmacol** 1984 Nov 13; 106(2):271-82

Separation of tolerance to the behavioral effects of LSD from changes in serotonin receptor binding in cats. Trulson ME. **Eur J Pharmacol** 1985 May 20;111(3):385-8

N-(3-acetylaminophenyl)piperazine hydrochloride (BEA 1654), a putative 5-HT1 agonist, causes constriction of arteriovenous anastomoses and dilatation of arterioles. Verdouw PD, et al. **Eur J Pharmacol** 1985 Jan 8; 107(3):337-46

5-HT antagonists and blockade of neuronal (5-HT) receptors on ganglion cells. Nash HL, et al. **Gen Pharmacol** 1984; 15(4):339-44

Apparent supersensitivity of platelet 5-HT receptors in lithium-treated patients. Wood K, et al. **J Affective Disord** 1985 Jan-Feb;8(1):69-72

Excitatory 5-hydroxytryptamine receptors in the cat urinary bladder are of the M- and 5-HT2-type. Saxena PR, et al. **J Auton Pharmacol** 1985 Jun;5(2):101-7

Effects of serotonin on the cardiopulmonary circulatory system with and without 5-HT2-receptor blockade by ketanserin. Breuer J, et al. **J Cardiovasc Pharmacol** 1985; 7 Suppl 7:S64-6

Continuous inhibition of platelet S2-serotonergic receptors during chronic administration of ketanserin in humans. De Clerck F, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S23-5

Pharmacology of potent and selective S2-serotonergic antagonists. Janssen PA. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S2-11 (27 ref.)

Can peripheral serotonergic blockade explain the hypotensive effect of ketanserin? Vanhoutte PM. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S105-9 (24 ref.)

Serotonergic receptor subtypes and vascular reactivity. Van Nueten JM, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 4:S564-74 (41 ref.)

Fenfluramine stimulation of serum cortisol in patients with major affective disorders and healthy controls: further evidence for a central serotonergic action of lithium in man. Mühlbauer HD, et al. **J Neural Transm** 1985;61(1-2):81-94

In vivo and in vitro studies on the potentiation of muscarinic receptor stimulation by alaproclate, a selective 5-HT uptake blocker. Ogren SO, et al. **J Neural Transm** 1985; 61(1-2):1-20

Involvement of 5-HT2 receptors in the LSD- and L-5-HTP-induced suppression of lordotic behavior in the female rat. Sietnieks A. **J Neural Transm** 1985; 61(1-2):65-80

Cardiovascular effects in the Sprague-Dawley rat of 8-hydroxy-2(di-N-propylamino) tetralin, a selective 5-hydroxytryptamine receptor agonist. Gradin K, et al. **J Pharm Pharmacol** 1985 Apr;37(4):263-5

The active principles of the branchlet and hook of Uncaria sinensis Oliv. examined with a 5-hydroxytryptamine receptor binding assay. Kanatani H, et al. **J Pharm Pharmacol** 1985 Jun;37(6):401-4

Effects of serotonin receptor antagonists on punished responding maintained by stimulus-shock termination or food presentation in squirrel monkeys. Brady LS, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):106-12

5-Hydroxytryptamine receptor in isolated rabbit aorta: characterization with tryptamine analogs. Clancy BM, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):761-9

5-Hydroxytryptamine-stimulated inositol phospholipid hydrolysis in rat cerebral cortex slices: pharmacological characterization and effects of antidepressants. Kendall DA, et al. **J Pharmacol Exp Ther** 1985 May;233(2):473-9

Do D 600 and diltiazem interact with serotonin receptors in rabbit vascular tissues? Ohashi M, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):830-5

Guanine nucleotides modulate cortical S2 serotonin receptors. Titeler M, et al. **J Recept Res** 1984;4(7):705-12

Unreliability of the rat stomach fundus as a predictor of hallucinogenic activity in substituted phenethylamines. Nichols DE, et al. **Life Sci** 1984 Sep 24;35(13):1343-8

Behavioral interactions of opioid agonists and antagonists with serotonergic systems. Rech RH, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:179-84

Vasoconstrictor and norepinephrine potentiating action of 5-hydroxykynuramine in the isolated perfused rat kidney: involvement of serotonin receptors and alpha 1-adrenoceptors. Charlton KG, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Dec; 328(2):154-9

Investigation of the influence of lithium upon the down-regulation of serotonin2 receptors in rat frontal cortex induced by long-term treatment with dibenzepin, an antidepressant without appreciable affinity to serotonin2 receptors. Closse A, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Jul; 326(4):291-3

Interaction of ketanserin and its metabolite ketanserinol with 5HT2 receptors in pulmonary and coronary arteries of calf. Frenken M, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Jul; 326(4):334-9

A paradox: the 5-HT2-receptor antagonist ketanserin restores the 5-HT-induced contraction depressed by methysergide in large coronary arteries of calf. Allosteric regulation of 5-HT2-receptors. Kaumann AJ, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan; 328(3):295-300

8-Hydroxy-2-(di-n-propylamino) tetralin is devoid of activity at the 5-hydroxytryptamine autoreceptor in rat brain. Implications for the proposed link between the autoreceptor and the [3H] 5-HT recognition site. Middlemiss DN. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Aug;327(1):18-22

Alpha-adrenoceptors, 5-hydroxytryptamine receptors and the action of dihydroergotamine in human venous preparations obtained during saphenectomy procedures for varicose veins. Müller-Schweinitzer E. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Oct; 327(4):299-303

Antihypertensive effects of chronic 5-hydroxytryptamine (5-HT2) receptor blockade with ketanserin in the spontaneously hypertensive rat. Pettersson A, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Aug; 327(1):43-7

Differential effects of neuroleptic and serotonergic drugs on amphetamine-induced hypothermia in mice. Boschi G, et al. **Neuropharmacology** 1985 Feb;24(2):117-22

The characterization of 5-HT receptors. Introduction. Bradley PB. **Neuropharmacology** 1984 Dec;23(12B):1465-6

Electrophysiologically-identified serotonin receptors in the rat CNS. Effect of antidepressant treatment. de Montigny C, et al. **Neuropharmacology** 1984 Dec;23(12B):1511-20 (98 ref.)

Decreased 5-HT2 but not 5-HT1 receptor binding in cortex of rat after chronic administration of dothiepin. Application of the Woolf plot to analysis of binding parameters. Diggory GL, et al. **Neuropharmacology** 1985 Apr; 24(4):275-8

Binding and function of serotonin 2 receptors following chronic administration of imipramine. McDonald D, et al. **Neuropharmacology** 1984 Nov;23(11):1265-9

The administration of baclofen to mice increases 5-HT2-mediated head-twitch behaviour and 5-HT2 receptor number in frontal cortex. Metz A, et al. **Neuropharmacology** 1985 Apr;24(4):357-60

Effect of some serotoninergic agents on the rectal temperature of the domestic fowl (Gallus domesticus). Osuide G, et al. **Neuropharmacology** 1984 Dec; 23(12A):1407-14

A comparative electrophysiological and biochemical assessment of serotonin (5-HT) and a novel 5-HT agonist (MK-212) on central serotonergic receptors. Yarbrough GG, et al. **Neuropharmacology** 1984 Nov;23(11):1271-7

The putative serotonin receptor agonist 8-hydroxy-2-(di-n-propylamino)tetralin antagonizes the antinociceptive effect of morphine. Berge OG, et al. **Neurosci Lett** 1985 Feb 28;54(1):71-5

Reduced head-twitch response to quipazine of rats previously treated with methiothepin: possible involvement of dopaminergic system. Dall'Olio R, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):43-8

Studies into the dual effects of serotonergic pharmacological agents on female sexual behaviour in the rat: preliminary evidence that endogenous 5HT is stimulatory. Hunter AJ, et al. **Pharmacol Biochem Behav** 1985 Jan;22(1):5-13

Serotonergic involvement in phencyclidine-induced behaviors. Nabeshima T, et al. **Pharmacol Biochem Behav** 1984 Sep;21(3):401-8

Studies on 5-hydroxytryptamine receptors on isolated human femoral veins and arteries and the influence of dihydroergotamine. Glusa E, et al. **Pharmacology** 1984; 29(6):336-42

Serotonin involvement in lisuride-induced mounting and in sleep. Da Prada M, et al. **Pharmacopsychiatry** 1985 Mar; 18(2):202-8

Lithium long-term treatment--does it act via serotonin? Müller-Oerlinghausen B. **Pharmacopsychiatry** 1985 Mar; 18(2):214-7

The importance of brain serotonergic receptor mechanisms for the action of antidepressant drugs. Ogren SO, et al. **Pharmacopsychiatry** 1985 Mar;18(2):209-13

The 5-HT syndrome and the drug discrimination paradigm in rats: application in behavioral studies on the central 5-HT system. Ortmann R. **Pharmacopsychiatry** 1985 Mar; 18(2):198-201

Loxapine and clozapine decrease serotonin (S2) but do not elevate dopamine (D2) receptor numbers in the rat brain. Lee T, et al. **Psychiatry Res** 1984 Aug;12(4):277-85

A new postsynaptic serotonin receptor agonist suitable for studies in humans. Mueller EA, et al. **Psychopharmacol Bull** 1985;21(3):701-4

Serotonin agonists and beta-adrenergic agonists as a treatment for depressive disorder: a direct clinical application. Stahl SM. **Psychopharmacol Bull** 1985; 21(1):43-7

Locomotor effects of lisuride: a consequence of dopaminergic and serotonergic actions. Fink H, et al. **Psychopharmacology (Berlin)** 1985;85(4):464-8

Circadian variation in behavioural responses to central 5-HT receptor stimulation in the mouse. Moser PC, et al. **Psychopharmacology (Berlin)** 1985;86(1-2):223-7

Evaluation of two distinctive beta-carbolines on serotonin binding in human platelets. Taylor DL, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jan;47(1):133-6

[Central serotonin receptors] Fillion G. **Pathol Biol (Paris)** 1985 Apr;33(4):221-6 (56 ref.) **(Fre)**

[Effect of carbidine on the dopamine and serotonin receptors of the central nervous system] Zharkovskiĭ AM, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):700-2 (Eng. Abstr.) **(Rus)**

[Effect of the destruction of the brain serotoninergic system on the alcohol consumption by rats in the early periods of experimental alcoholism] Zhukov VN, et al. **Biull Eksp Biol Med** 1985 May;99(5):576-7 (Eng. Abstr.) **(Rus)**

[Role of serotonin and dopamine receptors in the mechanism of action of haloperidol and pirenperone] Maĭmets MO, et al. **Farmakol Toksikol** 1985 Mar-Apr;48(2):15-8 (Eng. Abstr.) **(Rus)**

METABOLISM

Discrete regional distribution of biochemical markers for the dopamine, noradrenaline, serotonin, GABA and acetylcholine systems in the monkey brain (Cebus Apella). Effects of stress. Häggström JE, et al. **Acta Physiol Scand [Suppl]** 1984;534:1-27

Factors regulating ligand binding to 5-hydroxytryptamine receptors in rat brain. Segawa T, et al. **Adv Exp Med Biol** 1984;175:115-25

Specific binding of serotonin in rat lung. Das DK, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E58-63

Microchemical synthesis of the serotonin receptor ligand, 125I-LSD. Hartig PR, et al. **Anal Biochem** 1985 Feb 1; 144(2):441-6

Rapid intracellular release of calcium in human platelets by stimulation of 5-HT2-receptors. Erne P, et al. **Br J Pharmacol** 1985 Feb;84(2):545-9

Two types of receptors for 5-hydroxytryptamine on the cholinergic nerves of the guinea-pig myenteric plexus. Kilbinger H, et al. **Br J Pharmacol** 1985 Jun;85(2):529-39

Enteric receptors for 5-hydroxytryptamine. Branchek T, et al. **Brain Res** 1984 Dec 17;324(1):107-18

Serotonin-2 binding sites in human frontal cortex and hippocampus. Selective loss of S-2A sites with age. Marcusson JO, et al. **Brain Res** 1984 Oct 8;311(1):51-6

Autoradiographic localization of 5-HT1 receptors to human and canine basilar arteries. Peroutka SJ, et al. **Brain Res** 1984 Sep 17;310(1):193-6

2-Nitroimipramine: a photoaffinity probe for the serotonin uptake/tricyclic binding site complex. Wennogle LP, et al. **EMBO J** 1985 Apr;4(4):971-7

Daily LSD administration selectively decreases serotonin2 receptor binding in rat brain. Buckholtz NS, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):421-5

N1-methyl-2-[125I]LSD ([125I]MIL), a preferred ligand for serotonin 5-HT2 receptors. Hoffman BJ, et al. **Eur J Pharmacol** 1985 Mar 26;110(1):147-8

Estradiol-induced increase of specific [3H]ketanserin binding sites on rat uterine membranes. Ichida S, et al. **Eur J Pharmacol** 1985 Feb 5;108(3):257-64

Autoradiographic demonstration of 5HT1 binding sites in the primate basal nucleus of Meynert. Mitchell IJ, et al. **Eur J Pharmacol** 1984 Sep 3;104(1-2):189-90

5-HT1 and 5-HT2 binding properties of derivatives of the hallucinogen 1-(2,5-dimethoxyphenyl)-2-aminopropane (2,5-DMA). Shannon M, et al. **Eur J Pharmacol** 1984 Jun 15;102(1):23-9

Inhibition of [3H]spiperone binding to 5-HT2 receptors of rat cerebral cortex by the calcium antagonists verapamil and D600. Taylor JE, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):215-6

Photoaffinity labelling of serotonin-S2 receptors with 7-azidoketanserin. Wouters W, et al. **Eur J Pharmacol** 1985 Jan 8;107(3):399-400

The enteric neural receptor for 5-hydroxytryptamine. Gershon MD, et al. **Experientia** 1985 Jul 15;41(7):863-8

Differential photoaffinity labelling of serotonin-S2 receptors and histamine-H1 receptors using 7-azidoketanserin. Wouters W, et al. **FEBS Lett** 1985 Mar 25;182(2):291-6

A method for cooperative or noncooperative binding studies using nonlinear regression analysis on a microcomputer. Vindimian E, et al. **J Appl Biochem** 1983 Aug-Oct; 5(4-5):261-8

Evidence that phospholipid turnover is the signal transducing system coupled to serotonin-S2 receptor sites. de Chaffoy de Courcelles D, et al. **J Biol Chem** 1985 Jun 25; 260(12):7603-8

5-Hydroxytryptamine stimulates inositol phosphate production in a cell-free system from blowfly salivary glands. Evidence for a role of GTP in coupling receptor activation to phosphoinositide breakdown. Litosch I, et al. **J Biol Chem** 1985 May 10;260(9):5464-71

Photoaffinity probes for serotonin and histamine receptors. Synthesis and characterization of two azide analogues of ketanserin. Wouters W, et al. **J Biol Chem** 1985 Jul 15; 260(14):8423-9

Two classes of myocardial 5-hydroxytryptamine receptors that are neither 5-HT1 nor 5-HT2. Kaumann AJ. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S76-8

Analysis of pre- and postsynaptic factors of the serotonin system in rabbit retina. Mitchell CK, et al. **J Cell Biol** 1985 Jan;100(1):64-73

Bioactive conformation of 1-arylpiperazines at central serotonin receptors. Huff JR, et al. **J Med Chem** 1985 Jul; 28(7):945-8

Guanyl nucleotide and divalent cation regulation of cortical S2 serotonin receptors. Battaglia G, et al. **J Neurochem** 1984 Nov;43(5):1213-9

Serotonin receptor changes in dementia of the Alzheimer type. Cross AJ, et al. **J Neurochem** 1984 Dec;43(6):1574-81

[3H]8-hydroxy-2-(di-n-propylamino)tetralin binding to pre- and postsynaptic 5-hydroxytryptamine sites in various regions of the rat brain. Hall MD, et al. **J Neurochem** 1985 Jun;44(6):1685-96

A trifluoromethylphenyl piperazine derivative with high affinity for 5-hydroxytryptamine-1A sites in rat brain. Ransom RW, et al. **J Neurochem** 1985 Mar;44(3):875-80

Further studies on the nature of postsynaptic dopamine uptake and metabolism in rat striatum: sodium dependency and investigation of a possible role for carrier-mediated uptake into serotonin neurons. Schoepp DD, et al. **J Neurochem** 1985 Jun;44(6):1747-52

Influence on 5-[3H]hydroxytryptamine binding site development in chick embryo by serotonergic compounds. Soblosky JS, et al. **J Neurochem** 1985 Feb;44(2):544-51

The putative 5-HT1 receptor agonist, RU 24969, inhibits the efflux of 5-hydroxytryptamine from rat frontal cortex slices by stimulation of the 5-HT autoreceptor. Middlemiss DN. **J Pharm Pharmacol** 1985 Jun;37(6):434-7

Quantum chemical approach to the relationship between molecular structure and serotonin receptor binding affinity. Gómez-Jeria JS, et al. **J Pharm Sci** 1984 Dec;73(12):1725-8

Computer imaging and analysis of dopamine (D2) and serotonin (S2) binding sites in rat basal ganglia or neocortex labeled by [3H]spiroperidol. Altar CA, et al. **J Pharmacol Exp Ther** 1985 May;233(2):527-38

Determination of selective and nonselective compounds for the 5-HT 1A and 5-HT 1B receptor subtypes in rat frontal cortex. Sills MA, et al. **J Pharmacol Exp Ther** 1984 Dec; 231(3):480-7

Identification of 5HT2-receptors on longitudinal muscle of the guinea pig ileum. Engel G, et al. **J Recept Res** 1984; 4(1-6):113-26

Quantitative receptor autoradiography: application to the characterization of multiple receptor subtypes. Pazos A, et al. **J Recept Res** 1984;4(1-6):645-56

5-HT-1a and 5-HT-1b selectivity of two phenylpiperazine derivatives: evidence for 5-HT-1b heterogeneity. Asarch KB, et al. **Life Sci** 1985 Apr 1;36(13):1265-73

In vivo binding of 125I-LSD to serotonin 5-HT2 receptors in mouse brain. Hartig PR, et al. **Life Sci** 1985 Aug 19; 37(7):657-64

Implication of acidic lipids in 5-hydroxytryptamine receptor mechanisms. Yoshikawa S, et al. **Life Sci** 1985 Feb 4; 36(5):485-92

Receptor-binding properties in vitro and in vivo of ritanserin: A very potent and long acting serotonin-S2 antagonist. Leysen JE, et al. **Mol Pharmacol** 1985 Jun;27(6):600-11

3H-TVX Q 7821: identification of 5-HT1 binding sites as target for a novel putative anxiolytic. Dompert WU, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Feb; 328(4):467-70

Binding of the putative anxiolytic TVX Q 7821 to hippocampal 5-hydroxytryptamine (5-HT) recognition sites. Glaser T, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 May; 329(3):211-5

Serotonin-S2 receptor binding sites and functional correlates. Leysen JE, et al. **Neuropharmacology** 1984 Dec; 23(12B):1493-501 (42 ref.)

5-HT1 receptor sites and functional correlates. Peroutka SJ. **Neuropharmacology** 1984 Dec;23(12B):1487-92 (66 ref.)

Selective labelling of high affinity 5-hydroxytryptamine1 receptors in whole rat brain. Yoshikawa S, et al. **Neuropharmacology** 1984 Oct;23(10):1227-30

Cortical serotonin-S2 receptor binding abnormalities in patients with Alzheimer's disease: comparisons with Parkinson's disease. Perry EK, et al. **Neurosci Lett** 1984 Oct 26;51(3):353-7

The distribution of serotonin binding sites in the hippocampal region of the rat brain. An autoradiographic study. Köhler C. **Neuroscience** 1984 Nov;13(3):667-80

Displacement of serotonin from binding sites in rat cortex: the effects of biogenic 'trace' amines. Locock RA, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):701-4

Serotonin receptors on pulmonary alveolar macrophages. Essman EJ. **Ric Clin Lab** 1985 Jan-Mar;15(1):19-24

Effects of age on dopamine and serotonin receptors measured by positron tomography in the living human brain. Wong DF, et al. **Science** 1984 Dec 21;226(4681):1393-6

Abnormal platelet serotonin uptake and binding sites in myeloproliferative disorders. Caranobe C, et al. **Thromb Haemost** 1984 Jul 29;51(3):349-53

[Structure of the binding center of the serotonin S2 receptor] Kats MM. **Biol Nauki** 1985;(3):19-24 (Eng. Abstr.) **(Rus)**

[Characteristics of serotonin binding by the cells of immunocompetent tissues and synaptosomes] Eliseeva LS, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):210-3 (Eng. Abstr.) **(Rus)**

[pH changes in the matrix of serotonin organelles of stimulated thrombocytes] Kozlov VK, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1985;8(1):77-82 (Eng. Abstr.) **(Rus)**

[Clinicopharmacologic aspects of the effects of serotonin and its blockade] Dzúrik R, et al. **Bratisl Lek Listy** 1985 Jan; 83(1):46-52 (Eng. Abstr.) **(Slo)**

PHYSIOLOGY

Serotonin receptors in parasitic worms. Mansour TE. **Adv Parasitol** 1984;23:1-36 (118 ref.)

Role of serotonin type 2 receptors in regulation of aldosterone production. Matsuoka H, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):E234-8

Development of serotonergic and adrenergic receptors in the rat spinal cord: effects of neonatal chemical lesions and hyperthyroidism. Lau C, et al. **Brain Res** 1985 Mar; 351(1):57-66

Serotonin release in human cerebral cortex and its modulation via serotonin receptors. Schlicker E, et al. **Brain Res** 1985 Apr 8;331(2):337-41

Progesterone stimulates sexual behaviour in female rats by increasing 5-HT activity on 5-HT2 receptors. Wilson CA, et al. **Brain Res** 1985 May 6;333(2):223-9

Interaction between serotonergic and dopaminergic systems detected in striatum by differential pulse voltammetry. De Simoni MG, et al. **Eur J Pharmacol** 1985 Apr 2; 110(2):289-90

Correlation of [3H]5-hydroxytryptamine (5HT) binding to brain stem preparations and the production and prevention of myoclonus in guinea pig by 5HT agonists and antagonists. Luscombe G, et al. **Eur J Pharmacol** 1984 Sep 17;104(3-4):235-44

Neuronal mechanisms involved in drug-induced jumping behavior in mice. Ushijima I, et al. **Eur J Pharmacol** 1985 Jun 7;112(2):225-9

Selective effects of gonadal steroids on the response of peripheral serotonin receptors. Vaccari A. **Experientia** 1985 Mar 15;41(3):407-8

Differential large and small vessel responses to serotonin in the dog hindlimb in vivo: role of the 5HT2 receptor. Blackshear JL, et al. **J Cardiovasc Pharmacol** 1985 Jan-Feb; 7(1):42-9

Acute administration of 8-hydroxy-2-(di-n-propylamino)tetralin (8-OH-DPAT), a selective 5-HT-receptor agonist, causes a biphasic blood pressure response and a bradycardia in the normotensive Sprague-Dawley rat and in the spontaneously hypertensive rat. Gradin K, et al. **J Neural Transm** 1985;62(3-4):305-19

Relationship between serotonin and tryptamine receptors in the rat stomach fundus. Cohen ML, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):75-9

Role of 5-HT2 receptors in serotonin-induced contractions of nonvascular smooth muscle. Cohen ML, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):770-4

Serotonin-stimulated phosphoinositide turnover: mediation by the S2 binding site in rat cerebral cortex but not in subcortical regions. Conn PJ, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):195-203

Phasic and tonic components in 5-HT2 receptor-mediated rat aorta contraction: participation of Ca++ channels and phospholipase C. Nakaki T, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):442-6

Acetylcholine- and 5-hydroxytryptamine-stimulated contraction and calcium uptake in bovine coronary arteries: evidence for two populations of receptor-operated calcium channels. Ratz PH, et al. **J Pharmacol Exp Ther** 1985 Sep; 234(3):641-7

Kappa opioid analgesia is dependent on serotonergic mechanisms. Vonvoigtlander PF, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):270-4

Identification of serotonin M-receptor subtypes and their specific blockade by a new class of drugs. Richardson BP, et al. **Nature** 1985 Jul 11-17;316(6024):126-31

Lesioning of serotoninergic and noradrenergic nerve fibres of the rat brain does not decrease binding of 3H-clonidine and 3H-rauwolscine to cortical membranes. Gross G, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan; 328(3):229-35

Evidence for selective serotonergic receptor involvement in p-chloroamphetamine-induced antinociception. Ogren SO, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Apr; 329(2):135-40

Presynaptic serotonin receptors regulate the release of 3H-serotonin in hypothalamic slices of the rabbit. Verbeuren TJ, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Sep; 327(2):102-6

Synergistic effects of estrogen and serotonin-receptor agonists on the development of pituitary tumors in aging rats. Walker RF, et al. **Neurobiol Aging** 1985 Summer; 6(2):107-11

An analysis of 5-hydroxytryptamine receptors mediating contraction of isolated smooth muscle. Feniuk W. **Neuropharmacology** 1984 Dec;23(12B):1467-72 (34 ref.)

Neuronal 5-HT receptors in the periphery. Fozard JR. **Neuropharmacology** 1984 Dec;23(12B):1473-86

Down-regulation of beta-adrenoceptors in rat cortex by repeated administration of desipramine, electroconvulsive shock and clenbuterol requires 5-HT neurones but not 5-HT. Nimgaonkar VL, et al. **Neuropharmacology** 1985 Apr;24(4):279-83

Aortic recognition sites for serotonin (5HT) are coupled to phospholipase C and modulate phosphatidylinositol turnover. Roth BL, et al. **Neuropharmacology** 1984 Oct; 23(10):1223-5

Is waning of a 5-hydroxytryptamine (5-HT)-mediated syndrome due to 5-HT2 receptor down-regulation? Koshikawa N, et al. **Neurosci Lett** 1985 Apr 19;55(3):279-82

Receptor-mediated regulation of 5-hydroxytryptamine metabolism: current knowledge and open questions. Kehr W. **Pharmacopsychiatry** 1985 Mar;18(2):193-7

Human aggression and the role of central serotonin. Mühlbauer HD. **Pharmacopsychiatry** 1985 Mar; 18(2):218-21

Antinociceptive and behavioral effects of leu-enkephalin (LENK) or D-Ala2-met-enkephalinamide (DAMEA) in rats after central chemical sympathectomy or serotoninectomy. Brus R, et al. **Pol J Pharmacol Pharm** 1985 Jan-Feb;37(1):23-31

A transient inward current elicited by hyperpolarization during serotonin activation in Xenopus oocytes. Parker I, et al. **Proc R Soc Lond [Biol]** 1985 Jan 22;223(1232):279-92

Changes in rat dopamine- and serotonin function in vivo after prolonged administration of the specific 5-HT uptake inhibitor, citalopram. Arnt J, et al. **Psychopharmacology (Berlin)** 1984;84(4):457-65

Brain dopamine and serotonin receptor sites revealed by digital subtraction autoradiography. Altar CA, et al. **Science** 1985 May 3;228(4699):597-600

[The effects of the intracerebroventricular administration of 5-hydroxytryptamine on hemodynamics in conscious rats. Participation of the serotonin receptor and the sympathetic nervous system] Kobayashi F, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Nov 20; 60(11):1338-45 (Eng. Abstr.) **(Jpn)**

RADIATION EFFECTS

[Serotonin receptors in the frontal cortex of the rat. Influence of supralethal irradiation] Chanez PO, et al. **C R Soc Biol (Paris)** 1984;178(5):549-56 (Eng. Abstr.) **(Fre)**

RECEPTORS, STEROID

A two-dimensional NMR study of the solution structure of a DNA dodecamer comprising the concensus sequence for the specific DNA-binding sites of the glucocorticoid receptor protein. Clore GM, et al. **Eur J Biochem** 1984 Dec 17;145(3):629-36

ANALYSIS

Correlation of androgen receptors with histological differentiation in human endometrial carcinomas. Kato J, et al. **Acta Obstet Gynecol Scand** 1985;64(3):209-12

Comparison of cellular levels of steroid receptors in uterine leiomyoma and myometrium. Tamaya T, et al. **Acta Obstet Gynecol Scand** 1985;64(4):307-9

Relation between mammographic findings and hormonal receptor content in breast cancer. Nielsen NS, et al. **AJR** 1985 Sep;145(3):501-4

Evidence for an androgen receptor in human testis. Graham ML 2d, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):534-41

Steroid hormone receptors in adrenal cortical carcinoma. Sanfilippo JS, et al. **Am J Obstet Gynecol** 1984 Oct 1; 150(3):326-7

Specific 5 alpha-dihydrotestosterone receptor and 5 alpha-reductase activity in human amniotic fluid cells. Sultan C, et al. **Am J Obstet Gynecol** 1984 Dec 15; 150(8):956-60

A microassay for the determination of binding parameters of estrogen and androgen receptors employing affinity immobilization on Cibacron blue 3GA-Sepharose 6B. Iqbal MJ, et al. **Anal Biochem** 1985 Jan;144(1):79-85

Steroid hormone receptors in dimethylhydrazine-induced rat colonic tumors. Krelenbaum M, et al. **Anticancer Res** 1984 Nov-Dec;4(6):395-8

Variation of pH of mammary tumour cytosols: potential influence on steroid receptor assay. Norgren A, et al. **Anticancer Res** 1985 Jul-Aug;5(4):423-5

Steroid receptors in breast cancer in Indian women. Seshadri R, et al. **Anticancer Res** 1984 Nov-Dec;4(6):403-7

Androgen receptors and antiandrogen therapy for laryngeal carcinoma. Mattox DE, et al. **Arch Otolaryngol** 1984 Nov; 110(11):721-4

Presence of a 1,25-dihydroxy-vitamin D3 receptor in chick skeletal muscle myoblasts. Boland R, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):305-11

Nuclear testicular 1,25-dihydroxyvitamin D3 receptors in Sertoli cells and seminiferous tubules of adult rodents. Merke J, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):303-9

Characterization of nontransformed and transformed androgen receptor from rat submandibular gland. Nemoto T, et al. **Biochim Biophys Acta** 1985 May 8;839(3):249-57

Salt-induced transformation of the glucocorticoid-receptor complex in the presence of molybdate. Weatherill PJ, et al. **Biochim Biophys Acta** 1985 May 8;839(3):228-32

Systematic search for 1 alpha,25-dihydroxy-vitamin D3 receptors in human breast carcinomas. Ulmann A, et al. **Biomed Pharmacother** 1984;38(4):204-8

A single common electrophoretic abnormality of glucocorticoid receptors in human leukemia cells. Distelhorst CW, et al. **Blood** 1985 Sep;66(3):679-85

Prostacyclin and thromboxane in breast cancer: relationship between steroid receptor status and medroxyprogesterone acetate. Aitokallio-Tallberg A, et al. **Br J Cancer** 1985 May;51(5):671-4

Prognostic significance of terminal transferase activity and glucocorticoid receptor levels in acute myeloid leukemia. Skoog L, et al. **Br J Cancer** 1984 Oct;50(4):443-9

Correlation between cytoplasmic steroid receptors and tumour differentiation and invasion in endometrial carcinoma. Quinn MA, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):399-406

The development of the glucocorticoid receptor system in the rat limbic brain. I. Ontogeny and autoregulation. Meaney MJ, et al. **Brain Res** 1985 Feb;350(1-2):159-64

Steroid receptors in a group of Brazilian melanoma patients. Belizário JE, et al. **Braz J Med Biol Res** 1984;17(1):21-6

Androgen cytosol binding during compensatory overload-induced skeletal muscle hypertrophy. Hickson RC, et al. **Can J Biochem Cell Biol** 1985 May;63(5):348-54

Androgen receptors in breast cancer. Bryan RM, et al. **Cancer** 1984 Dec 1;54(11):2436-40

Increased dihydrotestosterone receptor levels in high-stage renal adenocarcinoma. Noronha RF, et al. **Cancer** 1985 Jul 1;56(1):134-7

Carcinoembryonic antigen and steroid receptors in the cytosol of carcinoma of the breast. Relationship to pathologic and clinical features. Schwartz MR, et al. **Cancer** 1985 May 15;55(10):2464-71

Steroid receptors in human lung cancer. Beattie CW, et al. **Cancer Res** 1985 Sep;45(9):4206-14

Increased glucocorticoid receptor concentration in macrophage differentiation of myeloid leukemia cells with 12-O-tetradecanoylphorbol-13-acetate. Hirai H, et al. **Cancer Res** 1985 Jun;45(6):2456-61

Steroid receptor analysis by size-exclusion liquid chromatography: considerations for the clinical laboratory. Pavlik EJ, et al. **Clin Chem** 1985 Apr;31(4):537-45

Autoradiographic localization of steroid receptors in the brain. Sheridan PJ. **Clin Neuropharmacol** 1984;7(4):281-95 (77 ref.)

Immunocytochemical localization of glucocorticoid receptor in target cells. Antakly T, et al. **Endocrinology** 1984 Nov; 115(5):1984-9

Evidence for microheterogeneity in the structure of human glucocorticoid receptors. Cidlowski JA, et al. **Endocrinology** 1984 Oct;115(4):1588-97

Glucocorticoid receptors in primary cultures of mouse mammary epithelial cells: characterization and modulation by prolactin and cortisol. Schneider W, et al. **Endocrinology** 1985 Jun;116(6):2656-62

Hormonal receptors in vulvar tissues. Onnis A, et al. **Eur J Gynaecol Oncol** 1985;6(2):125-8

Estradiol, progesterone and testosterone receptors for pig endometrium and myometrium at various stages of the estrous cycle. Koziorowski M, et al. **Exp Clin Endocrinol** 1984 Dec;84(3):285-93

Relation between steroid receptor levels and prolactin level in the decidua of early human pregnancy. Tamaya T, et al. **Fertil Steril** 1985 May;43(5):761-5

Androgen receptors in hepatocellular carcinoma and surrounding parenchyma. Nagasue N, et al. **Gastroenterology** 1985 Sep;89(3):643-7

Sex steroid receptors in normal and malignant human vulvar tissue. Forcucci-Zulli M, et al. **Gynecol Obstet Invest** 1985; 19(2):103-6

Solitary pelvic neural tumors with high steroid receptor content. Chetkowski R, et al. **Gynecol Oncol** 1985 Jan; 20(1):43-52

High affinity glucocorticoid receptors in human intrauterine tissues. López Bernal A, et al. **Horm Metab Res** 1985 May; 17(5):265-6

Hormone-dependent transformation and nuclear localisation of 1,25-dihydroxyvitamin D3 receptors from human breast cancer cell lines and chick duodenum. Sher E, et al. **Horm Metab Res** 1985 Mar;17(3):147-51

Changes in intratesticular testosterone, cytoplasmic androgen receptors and ABP content of the ram testis after a single endogenous pulse of LH. Monet-Kuntz C, et al. **Int J Androl** 1985 Apr;8(2):129-38

Fibroblast androgen receptors in patients with genitourinary anomalies. Eil C, et al. **J Androl** 1984 Sep-Oct;5(5):313-20

Identification of 1,25-dihydroxyvitamin D3 receptors and activities in muscle. Simpson RU, et al. **J Biol Chem** 1985 Jul 25;260(15):8882-91

High-performance chromatofocusing of steroid receptor proteins in the presence and absence of steroid. Investigation of steroid-dependent alterations in surface charge heterogeneity. Hutchens TW, et al. **J Chromatogr** 1985 Jun 26;327:247-59

High-performance hydrophobic-interaction chromatography of steroid hormone receptors. Hyder SM, et al. **J Chromatogr** 1985 Jun 26;327:237-46

Androgen receptor characteristics in skin fibroblasts from hirsute women. Eil C, et al. **J Invest Dermatol** 1985 Jan; 84(1):62-5

Autoradiographic localization of tritiated dihydrotestosterone in the flank organ of the albino hamster. Lucky AW, et al. **J Invest Dermatol** 1985 Feb; 84(2):122-5

Glucocorticoid receptor in chick embryonic epidermis. Inhibition by progesterone of both the binding of glucocorticoid to the receptor and glucocorticoid-induced keratinization. Obinata A, et al. **J Invest Dermatol** 1984 Nov;83(5):363-9

Exchange assay for androgen receptors in the presence of molybdate. Carroll SL, et al. **J Steroid Biochem** 1984 Oct; 21(4):353-9

The physicochemical nature of 37 degrees C cytoplasmic glucocorticoid receptors in HeLa S3 cells. Currie RA, et al. **J Steroid Biochem** 1984 Dec;21(6):717-26

A controlled pore glass bead assay for the measurement of cytoplasmic and nuclear glucocorticoid receptors. Gormley GJ, et al. **J Steroid Biochem** 1985 Jun;22(6):693-8

Quantification of cytosolic steroid receptors in secretory and non-secretory epithelial cells of the canine prostate. Lamarre D, et al. **J Steroid Biochem** 1985 Jan;22(1):1-7

Limitations in the use of tritiated methyltrienolone for the photoaffinity labelling of androgen receptor proteins. Mainwaring WI, et al. **J Steroid Biochem** 1984 Sep; 21(3):209-16

Characterization of non-liganded glucocorticoid receptor in rat liver cytosol using indirect competitive enzyme-linked immunosorbent assay. Radojcic M, et al. **J Steroid Biochem** 1985 Jul;23(1):1-8

Distribution of oestrogen and androgen receptors between the stroma and epithelium of the guinea-pig prostate. Tilley WD, et al. **J Steroid Biochem** 1985 Jun;22(6):713-9

The steroid hormone receptors in tumors of adipose tissue. Chaudhuri PK, et al. **J Surg Oncol** 1985 Feb;28(2):87-9

Evidence for the association between blood prolactin and androgen receptors in BPH. Odoma S, et al. **J Urol** 1985 Apr;133(4):717-20

Heterogeneity of binding sites for glucocorticoid and the glucocorticoid-receptor complex in rat livers. Muramatsu M, et al. **Jpn J Pharmacol** 1984 Sep;36(1):87-95

Glucocorticoid receptors in leukemia cells: an appraisal. Bell R, et al. **Leuk Res** 1984;8(6):919-28 (57 ref.)

Distribution of specific androgen binding sites within the ovine ovarian follicle. Campo SM, et al. **Mol Cell Endocrinol** 1985 Mar;39(3):255-65

Hormones and tumours in central nervous system (CNS): steroid receptors in primary spinal cord tumours. Concolino G, et al. **Neurol Res** 1984 Sep;6(3):121-6

Assay conditions of glucocorticoid receptors in human leukemic cells. Lin SF, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep;47(6):1273-9

Clinical applications and value of receptor levels in treatment of prostate cancer. Connolly JG, et al. **Prostate** 1984; 5(5):477-83 (18 ref.)

Heterogeneity of steroid binding sites in prostatic carcinoma: morphological demonstration and clinical implications. Pertschuk LP, et al. **Prostate** 1985;6(1):35-47

Sex steroid receptors in normal and hyperplastic human prostate. Robel P, et al. **Prostate** 1985;6(3):255-67

The use of radioactive 7 alpha, 17 alpha-dimethyl-19-nortestosterone (mibolerone) in the assay of androgen receptors. Schilling K, et al. **Prostate** 1984;5(6):581-8

Nuclear androgen receptor content in biopsy specimens from histologically normal, hyperplastic, and cancerous human prostatic tissue. van Aubel OG, et al. **Prostate** 1985; 6(2):185-94

Steroid receptor status of human testicular tumors. Bojar H, et al. **Urol Int** 1985;40(3):160-3

Testosterone receptors in corpora cavernosa of penis. Godec CJ, et al. **Urology** 1985 Sep;26(3):237-9

Androgen receptors in bladder tumors. Laor E, et al. **Urology** 1985 Feb;25(2):161-3

[Study on glucocorticoid receptors in intracranial lesions] Yu ZY. **Chung Hua I Hsueh Tsa Chih** 1984 Jun;64(6):372-4 (Eng. Abstr.) **(Chi)**

[Receptors for steroid hormones apart from breast cancer. Practical value] Vennin P, et al. **Pathol Biol (Paris)** 1984 Nov;32(9):975-81 (89 ref.) (Eng. Abstr.) **(Fre)**

[Steroid hormone receptors in normal, dystrophic, dysplastic and carcinomatous vulva tissues] Zippel HH, et al. **Geburtshilfe Frauenheilkd** 1985 Apr;45(4):220-5 (Eng. Abstr.) **(Ger)**

[Detection of androgen receptor in human prostatic carcinomas by the autoradiography] Demura T, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Sep;75(9):1423-9 (Eng. Abstr.) **(Jpn)**

[Prostatic cytoplasmic androgen receptor in prostatic disease. I. Serum androgen levels, cytoplasmic androgen levels and cytoplasmic R1881 receptor in prostatic disease] Kitano T. **Nippon Hinyokika Gakkai Zasshi** 1984 Jul;75(7):1084-97 (Eng. Abstr.) **(Jpn)**

[Prostatic cytoplasmic androgen receptor in prostatic disease. II. Correlation between clinical response to hormonal therapy and change of R1881 receptor content in prostatic cancer during antiandrogenic therapy] Kitano T. **Nippon Hinyokika Gakkai Zasshi** 1984 Jul;75(7):1098-108 (Eng. Abstr.) **(Jpn)**

[A study of correlations between therapeutic efficacy of anti-androgen therapy in prostatic cancer and androgen receptor content of prostatic cancer tissue] Ohno K, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Aug;75(8):1212-24 (Eng. Abstr.) **(Jpn)**

[Type II glucocorticoid receptors in tissues of adrenalectomized rats] Golikov PP, et al. **Probl Endokrinol (Mosk)** 1984 Nov-Dec;30(6):43-5 (Eng. Abstr.) **(Rus)**

[Steroid hormone receptors in kidney cancer tissue] Smirnova KD, et al. **Urol Nefrol (Mosk)** 1984 Sep-Oct;(5):3-5 (Eng. Abstr.) **(Rus)**

[Steroid hormone receptors in malignant neoplasms of the human prostate gland] Bassalyk LS, et al. **Vestn Akad Med Nauk SSSR** 1984;(10):82-8 (Eng. Abstr.) **(Rus)**

[Steroid hormone receptors in malignant tumors of the large intestine] Korotkova TV, et al. **Vopr Onkol** 1984;30(9):64-8 (Eng. Abstr.) **(Rus)**

[Cytoplasmatic receptors of steroid hormones in malignant epithelial ovarian tumors] Makhova EE, et al. **Vopr Onkol** 1984;30(12):36-40 (Eng. Abstr.) **(Rus)**

[Glucocorticoid receptors and the histological structure of breast cancer] Smirnova KD, et al. **Vopr Onkol** 1985; 31(3):74-7 (Eng. Abstr.) **(Rus)**

[Hormonal receptors and other procedures for predicting clinical response in cancer of the prostate] Habib FK, et al. **Arch Esp Urol** 1984 Dec;37 Suppl 2:751-9 (Eng. Abstr.) **(Spa)**

[Association of carcinoma of the breast and meningioma] Carrión Galindo JR, et al. **Med Clin (Barc)** 1984 Oct 20; 83(12):504-6 (Eng. Abstr.) **(Spa)**

BIOSYNTHESIS

Induced expression of the glucocorticoid receptor in the rat intermediate pituitary lobe. Antakly T, et al. **Science** 1985 Jul 19;229(4710):277-9

BLOOD

Estimation of 1,25 dihydroxyvitamin D by cytoreceptor and competitive protein binding assays without high pressure liquid chromatography. Nicholson GC, et al. **Clin Endocrinol (Oxf)** 1985 May;22(5):597-609

DEFICIENCY

High dose androgen therapy in male pseudohermaphroditism due to 5 alpha-reductase deficiency and disorders of the androgen receptor. Price P, et al. **J Clin Invest** 1984 Oct; 74(4):1496-508

DRUG EFFECTS

Studies on the glucocorticoid-receptor blocking action of RU 38486 in cultured ACTH-secreting human pituitary tumour cells and normal rat pituitary cells. Lamberts SW, et al. **Acta Endocrinol (Copenh)** 1985 May;109(1):64-9

Receptor-mediated glucocorticoid inhibition of cell proliferation in mouse growth cartilage in vitro. Silbermann M, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):343-50

Molybdate and the 1,25-dihydroxyvitamin D3 receptor from chick intestine. Nakada M, et al. **Arch Biochem Biophys** 1985 May 1;238(2):517-21

Effects of D- and L-thyroxine on the glucocorticoid binding capacity of adult rat liver. Naito K, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):447-52

ATP-dependent stabilization against microsomal factor-induced loss of unoccupied glucocorticoid receptors. Densmore CL, et al. **Biochem Int** 1985 Apr; 10(4):633-9

Spatial learning and the hippocampal corticosterone receptor system of old rats: effect of the ACTH4-9 analogue ORG 2766. Rigter H, et al. **Brain Res** 1984 Sep 10;309(2):393-8

Down-regulation of neural corticosterone receptors by corticosterone and dexamethasone. Sapolsky RM, et al.

Brain Res 1985 Jul 22;339(1):161-5

The characteristics of renal mineralocorticoid receptors in glycyrrhizinic acid or deoxycorticosterone-induced hypertensive rats. Hayashi T, et al. **Clin Exp Hypertens** [A] 1984;6(9):1625-40

Androgen receptor content of nafoxidine treated experimentally induced canine prostatic hyperplasia. Trachtenberg J. **Clin Invest Med** 1985;8(1):29-34

Effect of benzo(a)pyrene treatment of neonatal and growing rats on steroid receptor binding capacity in adulthood. Csaba G, et al. **Gen Pharmacol** 1984;15(6):557-8

Cyproheptadine: a non-specific competitor of steroid hormone receptors. Reylon v, et al. **Indian J Exp Biol** 1984 May;22(5):284-5

Drugs affecting the hormonal receptors of normal and leukaemic peripheral leucocytes. Notario A, et al. **Int J Tissue React** 1984;6(5):413-20

The effects of triacetyloleandomycin and oleandomycin phosphate on the glucocorticoid receptor in cultured skin fibroblasts. Engler RJ, et al. **J Allergy Clin Immunol** 1985 Mar;75(3):395-400

Interconversion of androgen receptor forms by divalent cations and 8 S androgen receptor-promoting factor. Effects of Zn2+, Cd2+, Ca2+, and Mg2+. Wilson EM. **J Biol Chem** 1985 Jul 25;260(15):8683-9

Tamoxifen decreases progesterone and nuclear androgen receptors in the human prostate. Albert JD, et al. **J Steroid Biochem** 1984 Dec;21(6):659-62

Effects of metal ions and chelating agents on in vitro stability of glucocorticoid receptors in brain cytosol. Densmore CL, et al. **Life Sci** 1984 Nov 26;35(22):2237-46

Influence of proteinase inhibitors on glucocorticoid receptor properties: recent progress and future perspectives. Hubbard JR, et al. **Mol Cell Biochem** 1985 Mar;66(2):101-9 (51 ref.)

Regulation of hippocampal corticosterone receptors by a vasopressin analogue. Felt BT, et al. **Peptides (Fayetteville)** 1984 Nov-Dec;5(6):1225-7

[The antiandrogen effect of gossypol and its influence on androgen receptor] Li FY, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1985 Feb; 7(1):53-4 (Eng. Abstr.) **(Chi)**

[Delayed effects of fetal and perinatal steroid therapy at receptor levels (considerations on results of possible iatrogenic damage)] Csaba G. **Orv Hetil** 1985 Apr 28; 126(17):1011-6 (Eng. Abstr.) **(Hun)**

[Dysfunction of the hypothalamo-hypophyseal-gonadal axis induced by histamine H2 antagonists. Review of the literature and personal observations] Biagi P, et al. **Minerva Med** 1985 Mar 24;76(12):579-86 (48 ref.) (Eng. Abstr.) **(Ita)**

GENETICS

Endocrine and genetic characterization of cousins with male pseudohermaphroditism: evidence that the Lubs phenotype can result from a mutation that alters the structure of the androgen receptor. Wilson JD, et al. **Clin Genet** 1984 Oct; 26(4):363-70

H-2 influences phenytoin binding and inhibition of prostaglandin synthesis. Gupta C, et al. **Immunogenetics** 1984;20(6):667-76

Characterization of wild type and mutant glucocorticoid receptors from rat hepatoma and mouse lymphoma cells. Northrop JP, et al. **J Biol Chem** 1985 May 25; 260(10):6398-403

Molybdate-sensitive and molybdate-resistant activation-labile glucocorticoid-receptor mutants of the human lymphoid cell line CEM-C7. Harmon JM, et al. **J Steroid Biochem** 1984 Sep;21(3):227-36

Characterization of a steroid hormone receptor gene and mRNA in wild-type and mutant cells. Miesfeld R, et al. **Nature** 1984 Dec 20-1985 Jan 2;312(5996):779-81

Glucocorticoid and progesterone receptors bind to the same sites in two hormonally regulated promoters. von der Ahe D, et al. **Nature** 1985 Feb 21-27;313(6004):706-9

Assignment of the human gene for the glucocorticoid receptor to chromosome 5. Gehring U, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3751-5

Identification of human glucocorticoid receptor complementary DNA clones by epitope selection. Weinberger C, et al. **Science** 1985 May 10;228(4700):740-2

[Action mechanism of glucocorticoids] Ichii S. **Nippon Rinsho** 1984 Nov;42(11):2438-41 (15 ref.) **(Jpn)**

IMMUNOLOGY

Clinical relevance of steroid receptor determinations. Poortman J. **Neth J Med** 1985;28(2):69-73 (18 ref.)

ISOLATION & PURIFICATION

Transformed mouse glucocorticoid receptor: generation and interconversion of the 3.8S, monomeric and 5.2S, oligomeric species. Reker CE, et al. **Biochemistry** 1985 Jan 1;24(1):196-204

Purification, characterization, and activation of the glucocorticoid-receptor complex from rat kidney cortex. Webb ML, et al. **Biochemistry** 1985 Apr 9;24(8):1946-52

Resolution of the molecular forms of rat liver glucocorticoid receptor by affinity chromatography on immobilized heparin. Blanchardie P, et al. **Biochimie** 1984 Jun; 66(6):505-11

Heteromeric nature of glucocorticoid receptors. Gehring U, et al. **FEBS Lett** 1985 Jan 1;179(1):138-42

Characterization of the rat liver glucocorticoid receptor purified by DNA-cellulose and ligand affinity chromatography. Govindan MV, et al. **J Biol Chem** 1984 Oct 25;259(20):12915-24

Isolation of unliganded steroid receptor proteins by high-performance size-exclusion chromatography. An investigation of steroid-dependent structural alterations. Dunaway HE, et al. **J Chromatogr** 1985 Jun 26;327:221-35

Androgen-binding proteins in sheep epididymis: characterization of a cytoplasmic androgen receptor in the ram epididymis. Carreau S, et al. **J Endocrinol** 1984 Dec; 103(3):273-9

Characterization of steroid hormone receptors with ion-exchange fast protein liquid chromatography. Brinkmann AO, et al. **J Steroid Biochem** 1985 Jan; 22(1):85-90

Characterization of a specific androgen receptor in non-Hodgkin's lymphoma cells. Danel L, et al. **J Steroid Biochem** 1984 Oct;21(4):421-6

A comparison of estrogen and androgen receptor levels in human prostatic tissue from patients with non-metastatic and metastatic carcinoma and benign prostatic hyperplasia. Kirdani RY, et al. **J Steroid Biochem** 1985 May; 22(5):569-75

Characterization of human spleen tumor glucocorticoid receptors using [3H]cortisol as ligand. Manz B, et al. **J Steroid Biochem** 1984 Oct;21(4):427-32

Physical separation of aortic corticoid receptors with type I and type II specificities. Nichols NR, et al. **J Steroid Biochem** 1985 May;22(5):577-82

Steroid hormone receptors in normal and malignant human renal tissue: relationship with progestin therapy. Ronchi E, et al. **J Steroid Biochem** 1984 Sep;21(3):329-35

Comparison of the physical characteristics of the molybdate-stabilized glucocorticoid receptor from rat, pig and human tissues. Weatherill PJ, et al. **J Steroid Biochem** 1984 Sep;21(3):287-91

Efficacy of five methods for the bound-free separation of gluco- and mineralocorticoids from type I, II and III receptors found in hepes- and tris-buffered mouse brain cytosol. Luttge WG, et al. **Steroids** 1984 Apr;43(4):429-43

METABOLISM

Further studies on the biochemical characterization of the MC-29 virus derived transplantable hepatoma (VTH). I. Binding of 3H-cortisol to cytoplasmic receptor and DNA. Kovalszky I, et al. **Acta Biol Hung** 1984;35(1):27-34

Interactions of an anti-androgen (cyproterone acetate) with the androgen receptor system and its biological action in the rat ventral prostate. Huang JK, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):569-76

Ontogeny of rat brain and liver glucocorticoid receptors. Kitraki E, et al. **Acta Endocrinol [Suppl] (Copenh)** 1984; 265:5-6

Human minimal androgen insensitivity with normal dihydrotestosterone-binding capacity in cultured genital skin fibroblasts: evidence for an androgen-selective qualitative abnormality of the receptor. Pinsky L, et al. **Am J Hum Genet** 1984 Sep;36(5):965-78

Androgen receptor abnormalities in identical twins with oligospermia. Clinical and biochemical studies. Smallridge RC, et al. **Am J Med** 1984 Dec;77(6):1049-54

Androgen insensitivity syndrome: gonadal androgen receptor activity. Coulam CB, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):531-3

Steroid receptors in endometrial carcinoma [letter] Mortel R, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1145-6

Gap junctions and myometrial steroid hormone receptors in pregnant and postpartum rats: a possible cellular basis for the progesterone withdrawal hypothesis. Saito Y, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):805-12

Characterization of aldosterone binding sites in circulating human mononuclear leukocytes. Armanini D, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E388-90

Cytoplasmic and nuclear uptake of aldosterone in toad bladder: a mathematical modeling approach. Claire M, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):C88-101

Receptor occupancy vs. induction of Na+-K+-ATPase and Na+ transport by aldosterone. Geering K, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):C102-8

Androgen cytosol binding in exercise-induced sparing of muscle atrophy. Hickson RC, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E597-603

Glucocorticoid receptors in isolated intestinal epithelial cells in rats. Lentze MJ, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):G58-65

Alveolar macrophages in idiopathic pulmonary fibrosis [letter] Struhar D, et al. **Am Rev Respir Dis** 1985 May; 131(5):803-4

A case of male pseudohermaphroditism with normal androgen receptor binding and 47,XYY karyotype. Bosch-Banyeras JM, et al. **Ann Genet (Paris)** 1985; 28(2):125-9

Modulation of androgen receptor activity in the rat ventral prostate. Hiipakka RA, et al. **Ann NY Acad Sci** 1984; 438:54-60

Molecular properties of the androgen receptor in rat ventral prostate. Tindall DJ, et al. **Ann NY Acad Sci** 1984;438:39-53

Factors that influence the interaction of androgen receptors with nuclei and nuclear matrix. Wilson EM, et al. **Ann NY Acad Sci** 1984;438:85-100

Simultaneous and sequential determinations of steroid hormone receptors in human breast cancer. Influence of intervening therapy. Jakesz R, et al. **Ann Surg** 1985 Mar; 201(3):305-10

The appearance of 1,25-dihydroxyvitamin D3 receptor during chick embryo development. Nakada M, et al. **Arch Biochem Biophys** 1985 Apr;238(1):129-34

Biological activity assessment of the 26,23-lactones of 1,25-dihydroxyvitamin D3 and 25-hydroxyvitamin D3 and their binding properties to chick intestinal receptor and plasma vitamin D binding protein. Wilhelm F, et al. **Arch Biochem Biophys** 1984 Sep;233(2):322-9

Activation of cytosol aldosterone receptors in rat kidney. Hacha R, et al. **Arch Int Physiol Biochim** 1985 May; 93(1):49-58

Granular cell tumors of the breast. Steroid receptor analysis and localization of carcinoembryonic antigen, myoglobin, and S100 protein. Ingram DL, et al. **Arch Pathol Lab Med** 1984 Nov;108(11):897-901

Photoaffinity labelling of androgen receptors with 17 beta-hydroxy-17 alpha-[3H]methyl-4,9,11-estratrien-3-one. Brinkmann AO, et al. **Biochem Biophys Res Commun** 1985 Jan 16; 126(1):163-9

Phosphorylation of the androgen receptor by a nuclear cAMP-independent protein kinase. Goueli SA, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):778-84

Androgen regulated genes from prostate and seminal vesicle share upstream sequence homologies. Kandala JC, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):948-52

Pituitary 1,25-dihydroxyvitamin D3 receptors in hyperthyroid- and hypothyroid-rats. Kashio Y, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):122-8

'Differential displacement'—a simple method to study receptors for 1,25-dihydroxyvitamin D3 in the presence of contaminating serum vitamin D binding protein. Levy FO, et al. **Biochem Biophys Res Commun** 1985 Aug 15; 130(3):1020-6

Hormone-dependent phosphorylation of the 1,25-dihydroxyvitamin D3 receptor in mouse fibroblasts. Pike JW, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):378-85

Protein kinase activity of purified rat liver glucocorticoid receptor. Singh VB, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):1067-73

Sulfhydryl groups of aldosterone receptors from swine kidney. Tashima Y, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):51-6

24R,25-dihydroxyvitamin D3 regulates 1,25-dihydroxyvitamin D3 binding to its chick intestinal receptor. Wilhelm F, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):496-501

Correlation of the 4-5 S form and the 8 S form of the cytosolic androgen receptor in murine skeletal muscle. Haase A, et al. **Biochem Int** 1983 Nov;7(5):541-8

Affinity of 18,19-dihydroxydeoxycorticosterone and 18-hydroxy-19-nor-deoxycorticosterone to aldosterone receptor and their mineralocorticoid activity. Okamoto M, et al. **Biochem Int** 1983 Dec;7(6):687-94

Demonstration and characterization of cytosol androgen receptor in rat exorbital lacrimal gland. Ota M, et al. **Biochem Int** 1985 Feb;10(2):129-35

Dialysis-induced transformation of mouse submandibular androgen-receptor. Sato N, et al. **Biochem Int** 1985 May; 10(5):771-6

The receptor function of the Na+, K+-activated adenosine triphosphatase system. Anner BM. **Biochem J** 1985 Apr 1;227(1):1-11

Hydrogen bond structure in the glucocorticoid agonist-receptor complex. Aranyi P, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):2040-2

Evidence for distinct sulfhydryl groups associated with steroid- and DNA-binding domains of rat thymus glucocorticoid receptors. Bodwell JE, et al. **Biochemistry** 1984 Aug 28;23(18):4237-42

Affinity labeling of the androgen receptor in rat prostate cytosol with 17 beta-[(bromoacetyl)oxy]-5 alpha-androstan-3-one. Chang CH, et al. **Biochemistry** 1984 May 22;23(11):2527-33

Covalent and noncovalent receptor-glucocorticoid complexes preferentially bind to the same regions of the long terminal repeat of murine mammary tumor virus proviral DNA. Miller PA, et al. **Biochemistry** 1984 Dec 18;23(26):6883-9

Limited proteolysis of covalently labeled glucocorticoid receptors as a probe of receptor structure. Reichman ME, et al. **Biochemistry** 1984 Oct 23;23(22):5376-84

Comparison of DNA binding properties of activated, covalent and noncovalent glucocorticoid receptor-steroid complexes from HTC cells. Simons SS Jr, et al. **Biochemistry** 1984 Dec 18;23(26):6876-82

Acceptor proteins of rat prostate residual chromatin. Wang TY, et al. **Biochemistry** 1984 Oct 23;23(22):5326-9

Interaction of rat liver glucocorticoid receptor with heparin. Weisz A, et al. **Biochemistry** 1984 Nov 6;23(23):5393-7

Endocrine-mediated parallel changes in hepatic glucocorticoid and prolactin receptors. Dave JR, et al. **Biochim Biophys Acta** 1985 May 30;845(2):276-82

Inactivation of unbound rat liver glucocorticoid receptor by N-alkylmaleimides at sub-zero temperatures. Formstecher P, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):306-13

Binding of [3H]triamcinolone acetonide-receptor complexes to chromatin from the B-cell leukemia line, BCL1. Ruh MF, et al. **Biochim Biophys Acta** 1985 Jan 18;844(1):24-33

Chymotrypsin treatment of glucocorticoid receptor attenuates RNA-dependent inhibition of DNA binding. Evidence for a distinct RNA-binding site. Tymoczko JL, et al. **Biochim Biophys Acta** 1985 Aug 30;846(2):193-9

Plasminogen activator and nuclear androgen receptor in rat prostate tumors after treatment with D-Trp-6-LH-RH. Hierowski MT, et al. **Biomed Pharmacother** 1984; 38(6):297-303

Do sex hormones affect colorectal cancer? [letter] **Br Med J [Clin Res]** 1985 Jul 13;291(6488):138

The development of the glucocorticoid receptor system in the rat limbic brain. II. An autoradiographic study. Meaney MJ, et al. **Brain Res** 1985 Feb;350(1-2):165-8

[3H]Dexamethasone binding in rat frontal cortex. Meaney MJ, et al. **Brain Res** 1985 Feb 25;328(1):176-80

Demonstration and characterization of 1,25-dihydroxyvitamin D3 receptors in basal cells of epidermis of neonatal and adult mice. Merke J, et al. **Calcif Tissue Int** 1985 May;37(3):257-67

1 alpha,25-dihydroxyvitamin D3 receptors and their action in embryonic chick chondrocytes. Suda S, et al. **Calcif Tissue Int** 1985 Jan;37(1):82-90

Androgen receptor binding activity in human prostate cancer. Benson RC Jr, et al. **Cancer** 1985 Jan 15;55(2):382-8

Increased cytosol glucocorticoid receptor content of leiomyosarcoma. Plager JE, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):907-8

Cortisol receptors and inducibility of glutamine synthetase in embryonic retina. Saad AD, et al. **Cell Differ** 1985 Jun; 16(4):241-50

Characterization of corticosteroid receptors in natural killer cells: comparison with circulating lymphoid and myeloid cells. Katz P, et al. **Cell Immunol** 1985 Sep;94(2):347-52

Topographical and developmental studies on target sites of 1,25 (OH)2 vitamin D3 in skin. Stumpf WE, et al. **Cell Tissue Res** 1984;238(3):489-96

Changes in the pulmonary glucocorticoid receptor content in the course of interstitial disease. Saldiva PH, et al. **Chest** 1985 Sep;88(3):417-9

Steroid receptors in intracranial tumors. Brentani MM, et al. **Clin Neuropharmacol** 1984;7(4):347-50

Steroid receptors in the pathogenesis of chronic subdural hematoma. Concolino G, et al. **Clin Neuropharmacol** 1984; 7(4):343-6

Function of steroid receptor systems in the central nervous system. de Kloet ER. **Clin Neuropharmacol** 1984; 7(4):272-80 (61 ref.)

Steroid receptors in human meningioma. Hayward E, et al. **Clin Neuropharmacol** 1984;7(4):351-6

Cytosolic and nuclear sex steroid receptors in meningioma. Moguilewsky M, et al. **Clin Neuropharmacol** 1984; 7(4):375-81

Sex steroid receptors in human meningiomas. Poisson M. **Clin Neuropharmacol** 1984;7(4):320-4 (33 ref.)

Biological expression of steroid hormone receptors in primary meningioma cells in monolayer culture. Zava DT, et al. **Clin Neuropharmacol** 1984;7(4):382-8

Studies on arterial mineralocorticoid and glucocorticoid receptors: evidence for the translocation of steroid-cytoplasmic receptor complexes to cell nuclei. Kornel L, et al. **Clin Physiol Biochem** 1984;2(1):14-31

Autoradiographic localization of specific [3H]dexamethasone binding in fetal lung. Beer DG, et al. **Dev Biol** 1984 Oct; 105(2):351-64

Steroid receptors and the distribution of IR-carcinoembryonic antigen in colonic cancer. Odagiri E, et al. **Dis Colon Rectum** 1984 Dec;27(12):787-91

The nucleotide sequences recognized by the glucocorticoid receptor in the rabbit uteroglobin gene region are located far upstream from the initiation of transcription. Cato AC, et al. **EMBO J** 1984 Dec 1;3(12):2771-8

Binding of mibolerone to androgen receptor of benign hypertrophic human prostate. Comparison with R1881. Akimoto S, et al. **Endocrinol Jpn** 1985 Feb;32(1):141-52

Cytoplasmic inhibiting factors for 3H-dexamethasone binding to glucocorticoid receptors in rat tissues. Izawa M, et al. **Endocrinol Jpn** 1984 Aug;31(4):471-82

Glucocorticoid receptor in the rat uterus. Izawa M, et al. **Endocrinol Jpn** 1984 Aug;31(4):491-500

Receptor binding and biological activity of 18-oxocortisol. Gomez-Sanchez CE, et al. **Endocrinology** 1985 Jan; 116(1):6-10

Nuclear androgen receptors in different stages of the seminiferous epithelial cycle and the interstitial tissue of rat testis. Isomaa V, et al. **Endocrinology** 1985 Jan; 116(1):132-7

Effect of a nonsteroidal antiandrogen, flutamide, on androgen receptor dynamics and ornithine decarboxylase gene expression in mouse kidney. Kontula KK, et al. **Endocrinology** 1985 Jan;116(1):226-33

Analysis of hormone- and polynucleotide/histone-binding sites of the chicken intestinal 1,25-dihydroxyvitamin D3 receptor by means of proteolysis. Mellon WS. **Endocrinology** 1985 Apr;116(4):1408-17

Androgen and estrogen receptors in fetal rhesus monkey brain and anterior pituitary. Pomerantz SM, et al. **Endocrinology** 1985 Jan;116(1):83-9

[3H]cortivazol: a unique high affinity ligand for the glucocorticoid receptor. Schlechte JA, et al. **Endocrinology** 1985 Oct;117(4):1355-62

Androgen receptor in the rabbit liver and apparent translocation to the nucleus in vivo. Sheets CS, et al. **Endocrinology** 1985 Feb;116(2):677-85

The primate thyroid gland contains receptors for androgens. Sheridan PJ, et al. **Endocrinology** 1984 Dec;115(6):2154-9

Differential distribution of androgen and estrogen receptors in rat pituitary cell populations separated by centrifugal elutriation. Thieulant ML, et al. **Endocrinology** 1985 Apr; 116(4):1299-303

Chick oviduct glucocorticosteroid receptor. Specific binding of the synthetic steroid RU 486 and immunological studies with antibodies to chick oviduct progesterone receptor. Groyer A, et al. **Eur J Biochem** 1985 Jun 3;149(2):445-51

Androgen receptor activity in human breast cancer and its relationship with oestrogen and progestogen receptor activity. Miller WR, et al. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):539-42

Interaction of hepatic chromatin with androgen-receptor complex. Ota M, et al. **Exp Clin Endocrinol** 1984 Oct; 84(2):159-66

Binding of cytoplasmic testosterone-receptor complex to nucleic from male rat livers. Sato N, et al. **Exp Clin Endocrinol** 1984 Jul;84(1):37-44

Association of the glucocorticoid hormone receptor with ribonucleic acid. Economidis IV, et al. **FEBS Lett** 1985 Feb 11;181(1):47-52

On the existence of receptors to the pheromonal steroid, 5 alpha-androst-16-en-3-one, in porcine nasal epithelium. Hancock MR, et al. **FEBS Lett** 1985 Feb 25;181(2):328-34

Low affinity of the receptor for 1 alpha,25-dihydroxyvitamin D3 in the marmoset, a New World monkey. Liberman UA, et al. **FEBS Lett** 1985 Mar 25;182(2):385-8

A profile of the intestinal mucosal corticosteroid receptors in the domestic duck. DiBattista JA, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):31-49

Betamethasone receptor levels following betamethasone administration. Tanaka K, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):599-605

Differential distribution of dihydrotestosterone and estradiol binding sites in the epididymis of the mouse. An autoradiographic study. Schleicher G, et al. **Histochemistry** 1984;81(2):139-47

Steroid hormone receptors in MCCLX, a transplantable lactogen-dependent mammary tumor of the rat. Lewko WM, et al. **Horm Metab Res** 1985 Apr;17(4):189-93

Receptor binding of 6 alpha-methylprogesterone in mouse kidney. Houben PW, et al. **Horm Res** 1985;21(4):261-9

Appearance of new hepatic glucocorticoid binding proteins under various stressful conditions: relation to endogenous glucocorticoid secretion. Hirota T, et al. **J Biochem (Tokyo)** 1985 May;97(5):1371-6

Partially purified 'activated' receptor-glucocorticoid complex from rat liver: regulation of nuclear, chromatin, and DNA-cellulose binding of 'activated' complex by pyrophosphate and ATP. Horiuchi M, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):727-37

In vitro effects of glucocorticoid on glucose transport in rat adipocytes: evidence of a post-receptor coupling defect in insulin action. Watanabe N, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1893-902

Trypsin cleavage of chick 1,25-dihydroxyvitamin D3 receptors. Generation of discrete polypeptides which retain hormone but are unreactive to DNA and monoclonal antibody. Allegretto EA, et al. **J Biol Chem** 1985 Aug 25; 260(18):10139-45

Stabilization of thymic glucocorticoid-receptor complexes by the calcium-activated protease inhibitor, calpastatin. Bodwell JE, et al. **J Biol Chem** 1985 Mar 10;260(5):2601-4

Purification and preliminary characterization of a macromolecular inhibitor of glucocorticoid receptor binding to DNA. Dahmer MK, et al. **J Biol Chem** 1985 Jun 25;260(12):7705-15

Activation of the rat liver cytosol glucocorticoid receptor by sephacryl S-300 filtration in the presence and absence of molybdate. Physical properties of the receptor and evidence for an activation inhibitor. Distelhorst CW, et al. **J Biol Chem** 1985 Feb 25;260(4):2153-9

In situ cross-linking of androgen receptors to nuclear acceptor sites of rat prostate with formaldehyde. Foekens JA, et al. **J Biol Chem** 1985 Aug 25;260(18):10093-8

Proof that the endogenous, heat-stable glucocorticoid receptor-activating factor is thioredoxin. Grippo JF, et al. **J Biol Chem** 1985 Jan 10;260(1):93-7

Triamcinolone acetonide regulates glucocorticoid-receptor levels by decreasing the half-life of the activated nuclear-receptor form. McIntyre WR, et al. **J Biol Chem** 1985 Jan 10;260(1):418-27

Degradation without apparent change in size of molybdate-stabilized nonactivated glucocorticoid-receptor complexes in rat thymus cytosol. Mendel DB, et al. **J Biol Chem** 1985 Jul 25;260(15):8736-40

Relationship between thyroid and glucocorticoid hormone receptor occupancy, growth hormone gene transcription, and mRNA accumulation. Nyborg JK, et al. **J Biol Chem** 1984 Oct 25;259(20):12377-81

Analysis of the steroid receptor of Achlya ambisexualis. Riehl RM, et al. **J Biol Chem** 1984 Dec 25;259(24):15324-30

Phosphorylation of rat liver glucocorticoid receptor. Singh VB, et al. **J Biol Chem** 1985 Mar 25;260(6):3684-90

Mechanism of androgen-receptor augmentation. Analysis of receptor synthesis and degradation by the density-shift technique. Syms AJ, et al. **J Biol Chem** 1985 Jan 10; 260(1):455-61

Biochemical characterization of positive cooperativity in the binding of 1 alpha, 25-dihydroxyvitamin D3 to its chick intestinal chromatin receptor. Wilhelm F, et al. **J Biol Chem** 1985 Aug 25;260(18):10087-92

Androgen receptor in cultured human testicular fibroblasts. Brown TR, et al. **J Clin Endocrinol Metab** 1985 Jul; 61(1):134-41

Vitamin D resistance and alopecia: a kindred with normal 1,25-dihydroxyvitamin D binding, but decreased receptor affinity for deoxyribonucleic acid. Hirst MA, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):490-5

Primary cortisol resistance accompanied by a reduction in glucocorticoid receptors in two members of the same family. Iida S, et al. **J Clin Endocrinol Metab** 1985 May; 60(5):967-71

Glucocorticoid receptors and responsiveness of normal and neoplastic human adrenal cortex. Kontula K, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):283-9

Excess mineralocorticoid receptor activity in patients with dexamethasone-suppressible hyperaldosteronism is under adrenocorticotropin control. Speiser PW, et al. **J Clin Endocrinol Metab** 1985 Aug;61(2):297-302

Reduced affinity of the androgen receptor for 5 alpha-dihydrotestosterone but not methyltrienolone in a form of partial androgen resistance. Studies on cultured genital skin fibroblasts. Pinsky L, et al. **J Clin Invest** 1985 Apr;75(4):1291-6

Autoradiographic localization of estrogen and androgen receptors in the sexually dimorphic area and other regions of the gerbil brain. Commins D, et al. **J Comp Neurol** 1985 Jan 22;231(4):473-89

Androgen-binding proteins in sheep epididymis: age-related effects on androgen-binding protein, cytosolic androgen receptor and testosterone concentrations. Correlations with histological studies. Carreau S, et al. **J Endocrinol** 1984 Dec;103(3):281-6

Mechanism of the regulation of the 1 alpha,25-dihydroxyvitamin D3 receptor in the rat jejunum by glucocorticoids. Chan SD, et al. **J Endocrinol** 1984 Dec; 103(3):295-300

Parallel determination of glucocorticoid receptors in human mononuclear and polymorphonuclear leukocytes after Percoll separation. Armanini D, et al. **J Endocrinol Invest** 1985 Feb;8(1):45-7

Immunocytochemical localization of glucocorticoid receptors in midgestation murine embryos and human embryonic cultured cells. Kim CS, et al. **J Histochem Cytochem** 1984 Nov;32(11):1234-7

Decreased aldosterone receptor affinity in aortic cells from the Fischer 344 rat. Nichols NR, et al. **J Hypertens** 1983 Dec;1(4):393-7

Modulation of 1,25-dihydroxyvitamin D3 receptor by phospholipids and fatty acids. Chen TC, et al. **J Lipid Res** 1984 Dec 1;25(12):1306-12

Increased cytosolic androgen receptor binding in rat striated muscle following denervation and disuse. Bernard PA, et al. **J Neurochem** 1984 Nov;43(5):1479-83

Glucocorticoid receptors and regulation of phenylethanolamine-N-methyltransferase activity in cultured chromaffin cells. Kelner KL, et al. **J Neurosci** 1985 Aug;5(8):2161-8

Androgen and estrogen receptors in perinatal ferret brain. Vito CC, et al. **J Neurosci** 1985 Feb;5(2):268-74

Binding of 3H-methyltrienolone (3H-R1881) to androgen receptors in human gingiva. Vittek J, et al. **J Periodont Res** 1985 Jan;20(1):41-6

Kinetic deuterium isotope effects in glucocorticoid receptor activation. Arányi P. **J Recept Res** 1984;4(1-6):385-96

Assay and characterization of ovarian testosterone receptor. Saiduddin S, et al. **J Recept Res** 1983-84;3(6):667-84

Activation of the 1,25-dihydroxyvitamin D3 receptor in cultured rat osteogenic sarcoma cells. Werntz DA, et al. **J Recept Res** 1985;5(2-3):147-54

Corticosteroid binding by fetal rat and rabbit lung in organ culture. Ballard PL, et al. **J Steroid Biochem** 1984 Aug; 21(2):117-26

Use of a new radioactive ligand, 7 alpha, 17 alpha-dimethyl[17 alpha-methyl 3H]19-nortestosterone for the estimation of androgen receptors in rat liver cytosol. Bannister P, et al. **J Steroid Biochem** 1985 Jul;23(1):121-3

Comparison of the receptor binding properties of nandrolone and testosterone under in vitro and in vivo conditions. Bergink EW, et al. **J Steroid Biochem** 1985 Jun;22(6):831-6

Receptor binding of allylestrenol, a progestagen of the 19-nortestosterone series without androgenic properties. Bergink EW, et al. **J Steroid Biochem** 1985 Aug;23(2):165-8

Stereospecificity of the intracellular binding of norethisterone and its A-ring reduced metabolites. Chávez BA, et al. **J Steroid Biochem** 1985 Jan;22(1):121-6

Relative binding affinity of steroids for the corticosterone receptor system in rat hippocampus. De Kloet ER, et al. **J Steroid Biochem** 1984 Aug;21(2):173-8

Increased levels of nuclear androgen receptors in hyperplastic prostate of aging men. Grimaldo JI, et al. **J Steroid Biochem** 1984 Aug;21(2):147-50

Influence of phosphatase inhibitors and nucleotides on [3H]dexamethasone binding in cytosol of human placenta. Heller C, et al. **J Steroid Biochem** 1984 Oct;21(4):381-6

Identification and partial characterization of the cytoplasmic androgen receptor in bovine ovarian capsule. Ito A, et al. **J Steroid Biochem** 1985 Jul;23(1):27-31

Low levels of glucocorticoid binding sites in circulating lymphocytes of premature infants suffering from hyaline membrane disease. Kerepesi T, et al. **J Steroid Biochem** 1985 Feb;22(2):151-4

ATP-dependent activation of glucocorticoid-receptor complexes from the rat's heart. Kõrge P. **J Steroid Biochem** 1984 Nov;21(5):523-7

Countereffects of compensatory overload and glucocorticoids in skeletal muscle: androgen and glucocorticoid cytosol receptor binding. Kurowski TT, et al. **J Steroid Biochem** 1984 Aug;21(2):137-45

Properties and compartmentalization of the testicular receptor for 1,25-dihydroxyvitamin D3. Levy FO, et al. **J Steroid Biochem** 1985 Apr;22(4):453-60

Appearance of the rat testicular receptor for calcitriol (1,25-dihydroxyvitamin D3) during development. Levy FO, et al. **J Steroid Biochem** 1985 Jul;23(1):51-6

Murine glucocorticoid receptors and the H-2 locus--a reappraisal. Liu SL, et al. **J Steroid Biochem** 1984 Dec; 21(6):633-7

Modulation of DNA binding of glucocorticoid receptor by aurintricarboxylic acid. Moudgil VK, et al. **J Steroid Biochem** 1985 Aug;23(2):125-32

Modulation of aldosterone receptors in rat kidney: effects of steroid treatment and potassium diet. Rafestin-Oblin ME, et al. **J Steroid Biochem** 1984 Oct;21(4):465-70

RNase A effects on sedimentation and DNA binding properties of dexamethasone-receptor complexes from HeLa cell cytosol. Rossini GP. **J Steroid Biochem** 1985 Jan;22(1):47-56

Studies of a plasma membrane steroid receptor in Xenopus oocytes using the synthetic progestin RU 486. Sadler SE, et al. **J Steroid Biochem** 1985 Mar;22(3):419-26

Onset of androgen action in MCF-7 human breast cancer cells is not accompanied by receptor depletion. Shapiro E, et al. **J Steroid Biochem** 1985 Jan;22(1):15-20

Resolution of non-activated and activated androgen receptors based on differences in their hydrodynamic properties. Traish AM, et al. **J Steroid Biochem** 1985 May; 22(5):601-9

Characterization of a glucocorticoid receptor in neonatal rat mammary gland. Turrel MO, et al. **J Steroid Biochem** 1985 Mar;22(3):431-4

Evidence for an androgen receptor in the seminiferous tubules of the human testis. Winters SJ, et al. **J Steroid Biochem** 1984 Sep;21(3):315-20

Characteristics of binding of a new anti-inflammatory glucocorticoid, hydrocortisone 17-butyrate 21-propionate (HBP), to glucocorticoid receptors of rat liver. Muramatsu M, et al. **Jpn J Pharmacol** 1985 Feb;37(2):143-50

Glucocorticoid receptors of normal and leukemic cells: role of proliferation conditions. Smets LA, et al. **Leuk Res** 1985; 9(2):199-207

Epinephrine and norepinephrine syntheses are regulated by a glucocorticoid receptor-mediated mechanism in the bovine adrenal medulla. Nawata H, et al. **Life Sci** 1985 May 20;36(20):1957-66

Comparison of aldosterone binding in aortic cells from Dahl salt-susceptible and salt-resistant rats. Nichols NR, et al. **Life Sci** 1985 Apr 29;36(17):1653-60

Mechanisms of hormone action: parallels in receptor-mediated signal propagation for steroid and peptide effectors. Szego CM. **Life Sci** 1984 Dec 10; 35(24):2383-96 (73 ref.)

Effects of aging and endotoxin on hepatic glucocorticoid action and glucose metabolism in mice. Stith RD, et al. **Mech Ageing Dev** 1985 Apr;30(1):73-8

Rapid, high temperature exchange assay for the hepatic glucocorticoid receptor. Hubbard JR, et al. **Mol Cell Biochem** 1985 Jan;65(2):95-9

Interaction of the hepatic glucocorticoid-receptor complex with Affigel blue. Kalimi M, et al. **Mol Cell Biochem** 1985 Jan;65(2):101-6

Binding of the glucocorticoid receptor complex to the nucleosomal core in the P1798 mouse lymphosarcoma. Ip MM, et al. **Mol Cell Endocrinol** 1985 Jun;41(1):45-59

Structure and regulation of the glucocorticoid hormone receptor. Rousseau GG. **Mol Cell Endocrinol** 1984 Nov; 38(1):1-11 (109 ref.)

Morphometrical analysis of the distribution of corticotrophin releasing factor, glucocorticoid receptor and phenylethanolamine-N-methyltransferase immunoreactive structures in the paraventricular hypothalamic nucleus of the rat. Agnati LF, et al. **Neurosci Lett** 1985 Mar 15; 54(2-3):147-52

Altered receptors for 1,25-dihydroxycholecalciferol in vitamin D-dependent rickets. **Nutr Rev** 1985 Jun; 43(6):178-80

Levels of blood-bourne factors and cytosol glucocorticoid receptors during the initiation of muscle atrophy in rodent hindlimbs. Nicholson WF, et al. **Pflugers Arch** 1984 Aug; 401(4):321-3

The measurement of glucocorticoid receptors in human placental cytosol. López Bernal A, et al. **Placenta** 1984 Mar-Apr;5(2):105-16

Protein kinase activity associated with the purified rat hepatic glucocorticoid receptor. Miller-Diener A, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4003-7

The first intron of the human growth hormone gene contains a binding site for glucocorticoid receptor. Moore DD, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):699-702

Subcellular distribution of DNA-binding and non-DNA-binding 1,25-dihydroxyvitamin D receptors in chicken intestine. Nakada M, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6711-3

Physicochemical characterization of the androgen receptor from hyperplastic human prostate. Murthy LR, et al. **Prostate** 1984;5(6):567-79

Estrogen and androgen receptors in liver: their role in liver disease and regeneration. Eagon PK, et al. **Semin Liver Dis** 1985 Feb;5(1):59-69 (138 ref.)

Influence of molybdate, ionic strength and pH on ligand binding to the glucocorticoid receptor. Blanchardie P, et al. **Steroids** 1984 Aug;44(2):159-74

Cytosol androgen receptor (AR) in human skin fibroblasts: characterization of the binding reaction and differentiation from androgen binding molecules of lower affinity. Keenan BS, et al. **Steroids** 1984 Feb;43(2):159-78

Nuclear binding of cortisol in intestinal mucosa and liver of a teleost fish (Salmo gairdnerii irideus). Porthe-Nibelle J, et al. **Steroids** 1984 Apr;43(4):385-92

Androgen receptors in human thyroid tissue. Prinz RA, et al. **Surgery** 1984 Dec;96(6):996-1000

Affinity labeling of receptors for steroid and thyroid hormones. Katzenellenbogen JA, et al. **Vitam Horm** 1984; 41:213-74 (126 ref.)

[Antiandrogen activity of 4 beta, 5-cyclopropane-5-beta-androstan -3-ones and their 19-acetoxy derivatives] Stárka L, et al. **Cesk Farm** 1984 Oct;33(8):336-9 (Eng. Abstr.) **(Cze)**

[Binding of aldosterone to its receptors along the nephron of the normal and spontaneously hypertensive rat] Farman N, et al. **Arch Mal Coeur** 1984 Oct;77(11):1238-41 (Eng. Abstr.) **(Fre)**

[Markers of hormonal receptors. A new step in molecular biology] Mauvais-Jarvis P, et al. **Pathol Biol (Paris)** 1984 Nov;32(9):917-20 **(Fre)**

[Dermatologic and endocrinologic aspects of hirsutism] Schmidt JB, et al. **Gynakol Rundsch** 1984;24(3):153-60 **(Ger)**

[A case of Cushing's disease associated with glucocorticoid resistance] Okada Y, et al. **Nippon Naika Gakkai Zasshi** 1985 May;74(5):611-7 **(Jpn)**

[Primary cortisol resistance] Imura H. **Nippon Rinsho** 1984 Nov;42(11):2478-82 (6 ref.) **(Jpn)**

[Action mechanism of androgens] Yamanaka H, et al. **Nippon Rinsho** 1984 Nov;42(11):2442-6 (27 ref.) **(Jpn)**

[Changes in the state of hormone-receptor complexes which contain specific binding sites of rat liver chromatin particles as affected by cortisol] Kuz'menko AP. **Biokhimiia** 1984 Oct;49(10):1634-9 (Eng. Abstr.) **(Rus)**

[A factor which modifies the interaction of steroids with glucocorticoid receptors] Seleznev IuM, et al. **Biokhimiia** 1985 Jan;50(1):17-24 (Eng. Abstr.) **(Rus)**

[Corticosterone reception by alveolar macrophages when their functional activity has changed] Shishkina LN, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):76-8 (Eng. Abstr.) **(Rus)**

[Specific aldosterone reception by the cytoplasm of the kidney tubule cells in rats with neurogenic dystrophy] Rodionov AA, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Nov-Dec;(6):918-22 (Eng. Abstr.) **(Rus)**

[Reception of aldosterone by the rat kidney in its compensatory hypertrophy] Akimov IuA, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):74-6 (Eng. Abstr.) **(Rus)**

[Specific glucocorticoid receptors of human muscle cytosol] Golikov PP. **Probl Endokrinol (Mosk)** 1984 Sep-Oct; 30(5):46-9 (Eng. Abstr.) **(Rus)**

[Change in the level of steroid hormone receptors in the tumors of patients with breast cancer complicated by liver and bile duct diseases] Portnoĭ SM, et al. **Vopr Onkol** 1985; 31(1):55-9 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Ontogeny of renal mineralocorticoid receptors and urinary electrolyte responses in the rat. Stephenson G, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F665-71

Glucocorticoids and hippocampus: receptors may have found a function. Patacchioli FR, et al. **Ann Ist Super Sanita** 1984; 20(1):119-22

Disorders of androgen receptor function. Griffin JE, et al. **Ann NY Acad Sci** 1984;438:61-71

New aspects in the prediction of hormone sensitivity. A review. Ackermann E. **Arch Geschwulstforsch** 1985; 55(4):285-94 (44 ref.)

The development of the glucocorticoid receptor system in the rat limbic brain. III. Negative-feedback regulation. Sapolsky RM, et al. **Brain Res** 1985 Feb;350(1-2):169-73

Modulation of enhancer activity by the hormone responsive regulatory element from mouse mammary tumor virus. Ostrowski MC, et al. **EMBO J** 1984 Aug;3(8):1891-9

Stability of receptor complexes in the rat liver bound to glucocorticoids of different biopotencies. Ichii S, et al. **Endocrinol Jpn** 1984 Oct;31(5):583-94

Stability of receptor complexes in the rat ventral prostate and seminal vesicle bound to androgens: thermodynamic study. Satoh Y, et al. **Endocrinol Jpn** 1984 Dec;31(6):771-91

Androgen receptors are similar in fetal and adult rabbits. George FW, et al. **Endocrinology** 1984 Oct;115(4):1451-8

Regulation of the 1,25-dihydroxyvitamin D3 receptor by 1,25-dihydroxyvitamin D3 in intact human cancer cells. Sher E, et al. **Endocrinology** 1985 Mar;116(3):971-7

Cellular sensitivity to glucocorticoids in patients with POAG. Steroid receptors and responses in cultured skin fibroblasts. Polansky J, et al. **Invest Ophthalmol Vis Sci** 1985 Jun; 26(6):805-9

A variant form of the 1,25-dihydroxyvitamin D3 receptor with low apparent hormone affinity in cultured monkey kidney cells (LLC-MK2). A model for tissue resistance to vitamin D. Kelly MA, et al. **J Biol Chem** 1985 Feb 10; 260(3):1545-9

Partial androgen resistance associated with secondary 5 alpha-reductase deficiency: identification of a novel qualitative androgen receptor defect and clinical implications. Jukier L, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):679-88

Androgen receptors influence the production of pulmonary surfactant in the testicular feminization mouse fetus. Nielsen HC. **J Clin Invest** 1985 Jul;76(1):177-81

Properties and ontogeny of the glucocorticoid receptor in the placenta and fetal lung of the sheep. Flint AP, et al. **J Endocrinol** 1984 Oct;103(1):31-42

Detection and developmental changes of the 1,25-(OH)2-D3 receptor concentration in mouse skin and intestine. Horiuchi N, et al. **J Invest Dermatol** 1985 Jun;84(6):461-4

Glucocorticoid receptor regulation. Svec F. **Life Sci** 1985 Jun 24;36(25):2359-66 (49 ref.)

Enlightenment and confusion over steroid hormone receptors [news] King RJ. **Nature** 1984 Dec 20-1985 Jan 2; 312(5996):701-2

Intracellular receptors mediate the biologic action of 1,25-dihydroxyvitamin D3. Pike JW. **Nutr Rev** 1985 Jun; 43(6):161-8 (75 ref.)

Glucocorticoid-sensitive hippocampal neurons are involved in terminating the adrenocortical stress response. Sapolsky RM, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6174-7

Human prostate cancer (PC-82) in nude mice: a model to study androgen regulated tumor growth. van Steenbrugge GJ, et al. **Prog Clin Biol Res** 1985;185A:23-50

Action of prolactin in regressing prostate: independent of action mediated by androgen receptors. Assimos D, et al. **Prostate** 1984;5(6):589-95

THERAPEUTIC USE

[Long-term treatment of secondary hyperparathyroidism in the chronic hemodialysis patient with 1,25-(OH)2D3] Giachino G, et al. **Minerva Med** 1985 Mar 10; 76(9-10):407-14 **(Ita)**

RECEPTORS, STRETCH see **MECHANORECEPTORS**

RECEPTORS, SYNAPTIC see **SYNAPTIC RECEPTORS**

RECEPTORS, TRYPTAMINE see **RECEPTORS, SEROTONIN**

RECEPTORS, VIRUS

Ia antigens and Fc receptors of mouse peritoneal macrophages as determinants of susceptibility to lactic dehydrogenase virus. Inada T, et al. **J Gen Virol** 1985 Jul; 66 (Pt 7):1469-77

gp140, the C3d receptor of human B lymphocytes, is also the Epstein-Barr virus receptor. Frade R, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1490-3

Identification of the phage gene for host receptor specificity by analyzing hybrid phages of T5 and BF23. Heller KJ. **Virology** 1984 Nov;139(1):11-21

Membrane-bound antiviral antibodies as receptors for Sendai virions in receptor-depleted erythrocytes. Nussbaum O, et al. **Virology** 1984 Oct 30;138(2):185-97

ANALYSIS

Simultaneous loss of bacteriophage receptor and coaggregation mediator activities in Actinomyces viscosus MG-1. Tylenda CA, et al. **Infect Immun** 1985 Apr; 48(1):228-33

Anti-idiotypic antibody identifies the cellular receptor of reovirus type 3. Gaulton G, et al. **J Cell Biochem** 1985; 28(1):69-78

Cell receptors for the mammalian reovirus. IV. Reovirus-specific cytolytic T cell lines that have idiotypic receptors recognize anti-idiotypic B cell hybridomas. Sharpe AH, et al. **J Immunol** 1985 Apr;134(4):2702-6

Properties of the deoxycholate-solubilized HeLa cell plasma membrane receptor for binding group B coxsackieviruses. Krah DL, et al. **J Virol** 1985 Mar;53(3):867-70

Identification and characterization of the Epstein-Barr virus receptor on human B lymphocytes and its relationship to the C3d complement receptor (CR2). Nemerow GR, et al. **J Virol** 1985 Aug;55(2):347-51

Catalogue of Epstein-Barr virus (EBV) receptors on human malignant and non-malignant hematopoietic cell lines. Tatsumi E, et al. **Leuk Res** 1985;9(2):231-8

Saturable attachment sites for type 3 mammalian reovirus on murine L cells and human HeLa cells. Gentsch JR, et al. **Virus Res** 1984;1(5):401-14

BIOSYNTHESIS

Application of flow cytometry to studies on the distribution, persistence, and regeneration rate of Epstein-Barr virus receptors. McCune B, et al. **Cytometry** 1984 Sep;5(5):523-9

GENETICS

DNA sequence heterogeneity in the gene of T-even type Escherichia coli phages encoding the receptor recognizing protein of the long tail fibers. Riede I, et al. **MGG** 1984; 195(1-2):144-52

Extension of bacteriophage lambda host range: selection, cloning, and characterization of a constitutive lambda receptor gene. de Vries GE, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6080-4

IMMUNOLOGY

Immunolabelling of bacteriophage lambda receptor protein (LamB) on thin sections of E. coli embedded in Lowicryl. Whitehouse RL, et al. **Biol Cell** 1984;51(3):389-94

Antigenic polymorphism of the LamB protein among members of the family Enterobacteriaceae. Bloch MA, et al. **J Bacteriol** 1985 Jul;163(1):106-10

Antigenic analyses of influenza virus haemagglutinins with different receptor-binding specificities. Daniels RS, et al. **Virology** 1984 Oct 15;138(1):174-7

Monoclonal antibodies which block cellular receptors of poliovirus. Minor PD, et al. **Virus Res** 1984;1(3):203-12

[Monoreceptor antibodies to the hemagglutinin antigenic determinants of influenza viruses H2N2 and their virus-neutralizing activity] Ismaĭlova IM, et al. **Vopr Virusol** 1985 Jan-Feb;30(1):115-9 **(Rus)**

ISOLATION & PURIFICATION

Purification of a HeLa cell receptor protein for group B coxsackieviruses. Mapoles JE, et al. **J Virol** 1985 Sep; 55(3):560-6

Isolation and biochemical characterization of the mammalian reovirus type 3 cell-surface receptor. Co MS, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1494-8

METABOLISM

Interaction of Newcastle disease virus strains differing in virulence with chicken red blood cell receptors. Rivetz B, et al. **Arch Virol** 1985;85(3-4):231-55

Receptor binding characteristics of strains of the influenza Hong Kong subtype, using a periodate sensitivity test. Underwood PA. **Arch Virol** 1985;84(1-2):53-61

NMR parameters of local anesthetics as biological markers of the cell-virus interactions. Valensin PE, et al. **Arch Virol** 1985;83(3-4):241-9

Use of virus-attached antibodies or insulin molecules to mediate fusion between Sendai virus envelopes and neuraminidase-treated cells. Gitman AG, et al. **Biochemistry** 1985 May 21;24(11):2762-8

Role of carbohydrates in cell membrane receptors for vesicular stomatitis virus. Seganti L, et al. **Boll Ist Sieroter Milan** 1982;61(4):294-9

The receptor-destroying enzyme of influenza C virus is neuraminate-O-acetylesterase. Herrler G, et al. **EMBO J** 1985 Jun;4(6):1503-6

Demonstration of a bacteriophage receptor site on the Escherichia coli K12 outer-membrane protein OmpC by the use of a protease. Morona R, et al. **Eur J Biochem** 1985 Jul 1;150(1):161-9

Measurement of the rotational behaviour of virus particles during adsorption to the host cell surface. Bayer ME, et al. **FEBS Lett** 1984 Oct 1;175(2):329-32

Host cell range of adult T-cell leukemia virus. I. Viral infectivity and binding to various cells as detected by flow cytometry. Sinangil F, et al. **Int J Cancer** 1985 Aug 15; 36(2):191-8

Maltose-binding protein does not modulate the activity of maltoporin as a general porin in Escherichia coli. Brass JM, et al. **J Bacteriol** 1985 Feb;161(2):720-6

Irreversible binding to the receptor of bacteriophages T5 and BF23 does not occur with the tip of the tail. Heller KJ, et al. **J Bacteriol** 1985 May;162(2):621-5

Cell wall receptor for bacteriophage Mu G(+). Sandulache R, et al. **J Bacteriol** 1984 Oct;160(1):299-303

Effect of bacteriophage P1 lysogeny on lipopolysaccharide composition and the lambda receptor of Escherichia coli. Tomás JM, et al. **J Bacteriol** 1984 Sep;159(3):1047-52

Gangliosides as paramyxovirus receptor. Structural requirement of sialo-oligosaccharides in receptors for hemagglutinating virus of Japan (Sendai virus) and Newcastle disease virus. Suzuki Y, et al. **J Biochem (Tokyo)** 1985 Apr;97(4):1189-99

Role of cell membrane composition in receptor-mediated internalization of vesicular stomatitis virus in human HEp-2 cells. Pottathil R, et al. **J Biol Chem** 1985 May 10; 260(9):5265-70

Differential expression of surface proteins, virus receptors and histocompatibility antigens in SV40-transformed human choroid cells and their clones. Carruba G, et al. **J Submicrosc Cytol** 1985 Jan;17(1):21-30

Isolation of different bacteriophages using the LamB protein for adsorption on Escherichia coli K-12. Charbit A, et al. **J Virol** 1985 Feb;53(2):667-71

Binding to cells of virosomes containing herpes simplex virus type 1 glycoproteins and evidence for fusion. Johnson DC, et al. **J Virol** 1984 Oct;52(1):238-47

Role of cholesterol in fusion of Semliki Forest virus with membranes. Kielian MC, et al. **J Virol** 1984 Oct;52(1):281-3

Virus-receptor interaction in the adenovirus system: characterization of the positive cooperative binding of virions on HeLa cells. Persson R, et al. **J Virol** 1985 Apr; 53(4):92-7

Role of vesicles during adenovirus 2 internalization into HeLa cells. Svensson U. **J Virol** 1985 Aug;55(2):442-9

Structural similarities between the mammalian beta-adrenergic and reovirus type 3 receptors. Co MS, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5315-8

In vivo function and membrane binding properties are correlated for Escherichia coli lamB signal peptides. Briggs MS, et al. **Science** 1985 May 31;228(4703):1096-9

Studies on reovirus receptors of L cells: virus binding characteristics and comparison with reovirus receptors of erythrocytes. Armstrong GD, et al. **Virology** 1984 Oct 15; 138(1):37-48

Neuraminic acid is involved in the binding of influenza C virus to erythrocytes. Herrler G, et al. **Virology** 1985 Feb; 141(1):144-7

Rabies virus binding at neuromuscular junctions. Burrage TG, et al. **Virus Res** 1985 Apr;2(3):273-89

Cell surface receptors for lactate dehydrogenase-elevating virus on subpopulation of macrophages. Kowalchyk K, et al. **Virus Res** 1985 Apr;2(3):211-29

[Receptors for polymerized human albumin: new aspects of hepatitis B virus infection] Mora Pérez I, et al. **Rev Clin Esp** 1985 Jan;176(1):1-4 (30 ref.) (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Infection of neuronal cell cultures with reovirus mimics in vitro patterns of neurotropism. Dichter MA, et al. **Ann Neurol** 1984 Nov;16(5):603-10

Semliki Forest virus penetration from endosomes: a morphological study. Helenius A. **Biol Cell** 1984; 51(2):181-5

N-Acetylneuraminyllactosylceramide, GM3-NeuAc, a new influenza A virus receptor which mediates the adsorption-fusion process of viral infection. Binding specificity of influenza virus A/Aichi/2/68 (H3N2) to membrane-associated GM3 with different molecular species of sialic acid. Suzuki Y, et al. **J Biol Chem** 1985 Feb 10;260(3):1362-5

SP3: a flagellotropic bacteriophage of Bacillus subtilis. Shea TB, et al. **J Gen Virol** 1984 Nov;65 (Pt 11):2073-6

Functional association of class II antigens with cell surface binding of Epstein-Barr virus. Reisert PS, et al. **J Immunol** 1985 Jun;134(6):3776-80

The CD4 (T4) antigen is an essential component of the receptor for the AIDS retrovirus. Dalgleish AG, et al. **Nature** 1984 Dec 20-1985 Jan 2;312(5996):763-7

T-lymphocyte T4 molecule behaves as the receptor for human retrovirus LAV. Klatzmann D, et al. **Nature** 1984 Dec 20-1985 Jan 2;312(5996):767-8

Membrane effects of cytopathogenic viruses. Kohn A. **Prog Med Virol** 1985;31:109-67 (215 ref.)

Biological properties of a hemagglutinin mutant of influenza virus selected by host cells. Crecelius DM, et al. **Virology** 1984 Nov;139(1):164-77

Cell surface receptors for murine leukemia viruses: two assays and their implications. Handelin BL, et al. **Virology** 1985 Jan 15;140(1):183-7

Different pH requirements for entry of the two picornaviruses, human rhinovirus 2 and murine encephalomyocarditis virus. Madshus IH, et al. **Virology** 1984 Dec;139(2):346-57

RECEPTOSOMES

see related
ENDOCYTOSIS

ANALYSIS

Transmembrane orientation of the mannose 6-phosphate receptor in isolated clathrin-coated vesicles. Sahagian GG, et al. **J Biol Chem** 1985 Aug 15;260(17):9838-42

Solubilization of proteins from bovine brain coated vesicles by protein perturbants and Triton X-100. Wiedenmann B, et al. **J Cell Biol** 1985 Jul;101(1):12-8

DRUG EFFECTS

Interaction of basic compounds with coated vesicles. Di Cerbo A, et al. **Biochemistry** 1984 Dec 4;23(25):6036-40

ENZYMOLOGY

Identification of a protein kinase as an intrinsic component of rat liver coated vesicles. Campbell C, et al. **Biochemistry** 1984 Sep 11;23(19):4420-6

ATP-dependent proton transport by isolated brain clathrin-coated vesicles. Role of clathrin and other determinants of acidification. Van Dyke RW, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):423-36

Coated vesicles contain a phosphatidylinositol kinase. Campbell CR, et al. **J Biol Chem** 1985 Sep 15; 260(20):10948-51

Activation and partial purification of the ATPase of clathrin-coated vesicles and reconstitution of the proton pump. Xie XS, et al. **J Biol Chem** 1984 Oct 10; 259(19):11676-8

Internal control of the coated vesicle pp50-specific kinase complex. Pauloin A, et al. **Nature** 1984 Sep 20-26; 311(5983):265-7

METABOLISM

Gangliosides and sialosylglycoproteins in coated vesicles from bovine brain. Gravotta D, et al. **Biochem J** 1985 Feb 1;225(3):713-21

Diacytosis of 125I-asialoorosomucoid by rat hepatocytes. A non-lysosomal pathway insensitive to inhibition by inhibitors of ligand degradation. Chang TM, et al. **Biochim Biophys Acta** 1984 Nov 13;805(3):268-76

The effect of diffusion on the binding of membrane-bound receptors to coated pits. Keizer J, et al. **Biophys J** 1985 Jan;47(1):79-87

Kinetics of transit of transferrin and epidermal growth factor through clathrin-coated membranes. Hanover JA, et al. **Cell** 1984 Dec;39(2 Pt 1):283-93

The subpopulation of brain coated vesicles that carries synaptic vesicle proteins contains two unique polypeptides. Pfeffer SR, et al. **Cell** 1985 Apr;40(4):949-57

In situ 125I-labelling of endosome proteins with lactoperoxidase conjugates. Watts C. **EMBO J** 1984 Sep; 3(9):1965-70

Internalization and cellular processing of somatostatin in primary culture of rat anterior pituitary cells. Draznin B, et al. **Endocrinology** 1985 Sep;117(3):960-6

Cholinergic stimulation of chromaffin cells induces rapid coating of the plasma membrane. Geisow MJ, et al. **Eur J Cell Biol** 1985 Jul;38(1):51-6

Coated vesicles purified from chick tendon fibroblasts contain newly synthesized type I procollagen. Goldenberg R, et al. **Exp Cell Res** 1985 Mar;157(1):41-9

Phosphorylation of a clathrin light chain of coated vesicles in the presence of histones. Usami M, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1819-22

Direct evidence for the transmembrane orientation of the hepatic glycoprotein receptors. Chiacchia KB, et al. **J Biol Chem** 1984 Dec 25;259(24):15440-6

Limited proteolytic digestion of coated vesicle assembly polypeptides abolishes reassembly activity. Zaremba S, et al. **J Cell Biochem** 1985;28(1):47-58

Inhibition of coated pit formation in Hep2 cells blocks the cytotoxicity of diphtheria toxin but not that of ricin toxin. Moya M, et al. **J Cell Biol** 1985 Aug;101(2):548-59

Electric field-induced redistribution and postfield relaxation of low density lipoprotein receptors on cultured human fibroblasts. Tank DW, et al. **J Cell Biol** 1985 Jul; 101(1):148-57

MICROBIOLOGY

Role of vesicles during adenovirus 2 internalization into HeLa cells. Svensson U. **J Virol** 1985 Aug;55(2):442-9

PHYSIOLOGY

Receptor-mediated endocytosis: a model and its implications for experimental analysis. Gex-Fabry M, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R768-79

Diffusion-limited forward rate constants in two dimensions. Application to the trapping of cell surface receptors by coated pits. Goldstein B, et al. **Biophys J** 1984 Nov; 46(5):573-86

Receptor-mediated endocytosis of carcinoembryonic antigen by rat liver Kupffer cells. Toth CA, et al. **Cancer Res** 1985 Jan;45(1):392-7

Receptor-mediated endocytosis of a ricin-colloidal gold conjugate in vero cells. Intracellular routing to vacuolar and tubulo-vesicular portions of the endosomal system. van Deurs B, et al. **Exp Cell Res** 1985 Aug;159(2):287-304

Supramolecular cytology of coated vesicles. Fine RE, et al. **Int Rev Cytol** 1984;91:1-43 (204 ref.)

Endocytosis and exocytosis: current concepts of vesicle traffic in animal cells. Willingham MC, et al. **Int Rev Cytol** 1984;92:51-92 (246 ref.)

Entry of poliovirus type 1 and Mouse Elberfeld (ME) virus into HEp-2 cells: receptor-mediated endocytosis and endosomal or lysosomal uncoating. Zeichhardt H, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):483-92

A role for clathrin light chains in the recognition of clathrin cages by 'uncoating ATPase'. Schmid SL, et al. **Nature** 1984 Sep 20-26;311(5983):228-31

Phagosome acidification blocked by intracellular Toxoplasma gondii. Sibley LD, et al. **Nature** 1985 May 30-Jun 5; 315(6018):416-9

First clue to biological role of clathrin light chains [news] Ungewickell E. **Nature** 1984 Sep 20-26;311(5983):213

ULTRASTRUCTURE

Coated pits and coated vesicles in unicellulars (Tetrahymena, Crithidia) and in Hydra. Csaba G, et al. **Acta Morphol Hung** 1984;32(3-4):181-6

Independent variation in the number of coated pits and of coated vesicles in cultured fibroblasts. Lubinski J, et al. **Biol Cell** 1984;52(2):119-27

Morphometric analysis of coated pits and vesicles in the proximal and distal caput epididymidis. Paulson HL, et al. **Biol Reprod** 1985 Feb;32(1):191-202

Thyroidectomy induces coated pit formation on cerebellar mossy fiber terminals. Paula-Barbosa MM, et al. **Cell Tissue Res** 1985;239(3):627-31

Purification and properties of 100-kd proteins from coated vesicles and their reconstitution with clathrin. Pearse BM, et al. **EMBO J** 1984 Sep;3(9):1951-7

Identification of free coated pinocytic vesicles in Swiss 3T3 cells. van Deurs B, et al. **EMBO J** 1984 Sep;3(9):1959–64

Two classes of binding sites for uncoating protein in clathrin triskelions. Schmid SL, et al. **J Biol Chem** 1985 Aug 25; 260(18):10050–6

ATP catalyzes the sequestration of clathrin during enzymatic uncoating. Schmid SL, et al. **J Biol Chem** 1985 Aug 25; 260(18):10057–62

Enzymatic dissociation of clathrin cages in a two-stage process. Schmid SL, et al. **J Biol Chem** 1985 Aug 25; 260(18):10044–9

Isolation of receptosomes (endosomes) from human KB cells. Dickson RB, et al. **Methods Enzymol** 1985;109:257–71

Preparation of low-density 'endosome' and 'endosome'-depleted Golgi fractions from rat liver. Evans WH. **Methods Enzymol** 1985;109:246–57

RECKLINGHAUSEN'S DISEASE OF BONE see **OSTEITIS FIBROSA CYSTICA**

RECKLINGHAUSEN'S DISEASE OF NERVE see **NEUROFIBROMATOSIS**

RECOMBINANT DNA see **DNA, RECOMBINANT**

RECOMBINATION, GENETIC

Nonuniform recombination within the human beta-globin gene cluster. Chakravarti A, et al. **Am J Hum Genet** 1984 Nov;36(6):1239–58

Multilocus linkage analysis in humans: detection of linkage and estimation of recombination. Lathrop GM, et al. **Am J Hum Genet** 1985 May;37(3):482–98

Molecular rearrangements of the human alpha-globin gene cluster. Higgs DR, et al. **Ann NY Acad Sci** 1985;445:45–56

Analysis of globin gene inversion reveals similarities with immunoglobulin rearrangement. Jennings MW, et al. **Ann NY Acad Sci** 1985;445:212–7

Transpositional recombination in prokaryotes. Grindley ND, et al. **Annu Rev Biochem** 1985;54:863–96 (118 ref.)

General genetic recombination of bacterial plasmids. Cohen A, et al. **Basic Life Sci** 1985;30:505–19

Rescue of silent integrated polyoma genomes suggests homologous recombination between resident and transfected DNA fragments. Katinka M. **Biochimie** 1984 Nov–Dec;66(11–12):681–91

Spermatogenic delay and increased chiasma frequency in T70H/+ male mice with hydroxyurea–Trenimon limited spermatocyte populations. Wauben-Penris PJ, et al. **Can J Genet Cytol** 1985 Apr;27(2):192–9

Recombination site selection by Tn3 resolvase: topological tests of a tracking mechanism. Benjamin HW, et al. **Cell** 1985 Jan;40(1):147–58

Determinants of directionality in lambda site-specific recombination. Bushman W, et al. **Cell** 1984 Dec;39(3 Pt 2):699–706

A truncated form of the bacteriophage Mu B protein promotes conservative integration, but not replicative transposition, of Mu DNA. Chaconas G, et al. **Cell** 1985 Jul;41(3):857–65

Isomerization of herpes simplex virus 1 genome: identification of the cis-acting and recombination sites within the domain of the a sequence. Chou J, et al. **Cell** 1985 Jul;41(3):803–11

Mutants and pseudorevertants of Moloney murine leukemia virus with alterations at the integration site. Colicelli J, et al. **Cell** 1985 Sep;42(2):573–80

Site-specific inversion: enhancers, recombination proteins, and mechanism. Craig NL. **Cell** 1985 Jul;41(3):649–50 (16 ref.)

Mechanism of transposition of bacteriophage Mu: structure of a transposition intermediate. Craigie R, et al. **Cell** 1985 Jul;41(3):867–76

Rearrangements of viral and cellular DNA are often associated with expression of Rous sarcoma virus in rat cells. Gillespie DA, et al. **Cell** 1985 May;41(1):279–87

tnpM: a novel regulatory gene that enhances Tn21 transposition and suppresses cointegrate resolution. Hyde DR, et al. **Cell** 1985 Sep;42(2):629–38

Hin-mediated site-specific recombination requires two 26 bp recombination sites and a 60 bp recombinational enhancer. Johnson RC, et al. **Cell** 1985 Jul;41(3):781–91

G inversion in bacteriophage Mu DNA is stimulated by a site within the invertase gene and a host factor. Kahmann R, et al. **Cell** 1985 Jul;41(3):771–80

Cis-acting, recombination-stimulating activity in a fragment of the ribosomal DNA of S. cerevisiae. Keil RL, et al. **Cell** 1984 Dec;39(2 Pt 1):377–86

Cell surface expression of an in vitro recombinant class II/class I major histocompatibility complex gene product. McCluskey J, et al. **Cell** 1985 Feb;40(2):247–57

Transgenic mice. Palmiter RD, et al. **Cell** 1985 Jun; 41(2):343–5 (19 ref.)

Retroviral DNA integration. Panganiban AT. **Cell** 1985 Aug; 42(1):5–6 (11 ref.)

Chi-dependent DNA strand cleavage by RecBC enzyme. Ponticelli AS, et al. **Cell** 1985 May;41(1):145–51

A single rearrangement event generates most of the chicken immunoglobulin light chain diversity. Reynaud CA, et al. **Cell** 1985 Feb;40(2):283–91

Structure of the two distinct types of minichromosomes that are assembled on DNA injected in Xenopus oocytes. Ryoji M, et al. **Cell** 1985 Apr;40(4):923–32

Role of chromosomal rearrangement in N. gonorrhoeae pilus phase variation. Segal E, et al. **Cell** 1985 Feb;40(2):293–300

The stereostructure of knots and catenanes produced by phage lambda integrative recombination: implications for mechanism and DNA structure. Spengler SJ, et al. **Cell** 1985 Aug;42(1):325–34

Activation of a novel human transforming gene, ret, by DNA rearrangement. Takahashi M, et al. **Cell** 1985 Sep; 42(2):581–8

RecBC enzyme nicking at Chi sites during DNA unwinding: location and orientation-dependence of the cutting. Taylor AF, et al. **Cell** 1985 May;41(1):153–63

Developmentally controlled and tissue-specific expression of unrearranged VH gene segments. Yancopoulos GD, et al. **Cell** 1985 Feb;40(2):271–81

Nonreciprocal exchange between alleles of the yeast mitochondrial 21S rRNA gene: kinetics and the involvement of a double-strand break. Zinn AR, et al. **Cell** 1985 Apr;40(4):887–95

Inhibition of postreplication recombinational repair by DNA-gyrase antagonists in Escherichia coli. Priel E. **Cell Biol Int Rep** 1984 Sep;8(9):773–86

Recombination at the DNA level. **Cold Spring Harbor Symp Quant Biol** 1984;49:1–852

Mapping and properties of the gam and sot genes of phage mu: their possible roles in recombination. Akroyd J, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:261–6

DNA interactions during bacteriophage lambda site-specific recombination. Bauer CE, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:699–705

Physical monitoring of meiotic recombination in Saccharomyces cerevisiae. Borts RH, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:67–76

The recombination and integration of DNAs introduced into mouse L cells. Brenner DA, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:151–60

Studies of the mechanism of DNA pairing by the RecA protein of Escherichia coli. Bryant FR, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:535–9

Types of recombination: common problems and common strategies. Campbell A. **Cold Spring Harbor Symp Quant Biol** 1984;49:839–44

Meiotic roles of crossing-over and of gene conversion. Carpenter AT. **Cold Spring Harbor Symp Quant Biol** 1984; 49:23–9

DNA structural features that lead to strand breakage by eukaryotic type-I topoisomerase. Champoux JJ, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:435–42

Genes of the RecE and RecF pathways of conjugational recombination in Escherichia coli. Clark AJ, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:453–62

Transposable elements Ac and Ds at the shrunken, waxy, and alcohol dehydrogenase 1 loci in Zea mays L. Courage U, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:329–38

Unidirectional branch migration promoted by nucleoprotein filaments of RecA protein and DNA. Cox MM, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:525–33

A topological treatment of recombination and topoisomerases. Cozzarelli NR, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:383–400

Endogenous transposable elements associated with virus infection in maize. Dellaporta SL, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:321–8

Enzymes and sites of genetic recombination: studies with gene-3 endonuclease of phage T7 and with site-affinity mutants of phage lambda. de Massy B, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:715–26

The role of specialized nucleoprotein structures in site-specific recombination and initiation of DNA replication. Echols H, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:727–33

Recombination in Saccharomyces cerevisiae: REC-gene mutants and DNA-binding proteins. Esposito MS, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:41–8

Poly(ADP-ribosylation) of DNA topoisomerase I: a nuclear response to DNA-strand interruptions. Ferro AM, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:683–90

Intermediates in homologous pairing promoted by RecA protein and correlations of recombination in vitro and in vivo. Flory SS, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:513–23

Analysis of homologous recombination in cultured mammalian cells. Folger K, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:123–38

The use of affinity chromatography to study proteins involved in bacteriophage T4 genetic recombination. Formosa T, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:363–70

Measurement of restoration and conversion: its meaning for the mismatch repair hypothesis of conversion. Hastings PJ. **Cold Spring Harbor Symp Quant Biol** 1984;49:49–53

RecF and RecBC function during recombination of nonreplicating, UV-irradiated phage lambda DNA and during other recombination processes. Hays JB, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:475–83

The nature of the interaction of the P1 recombinase Cre with the recombining site loxP. Hoess R, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:761–8

Biochemical characterization of rec1 mutants and the genetic control of recombination in Ustilago maydis. Holliday R, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:669–73

Molecular mechanisms of general genetic recombination: the DNA-binding sites of RecA protein. Howard-Flanders P, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:571–80

The bacteriophage P1 site-specific recombinase cin: recombination events and DNA recognition sequences. Iida S, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:769–77

Nonhomologous recombination mediated by Escherichia coli DNA gyrase: possible involvement of DNA replication. Ikeda H, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:401–9

Functional difference of the two ends of insertion sequence IS1 in transposition and cointegration. Ishizaki K, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:207–13

In vitro analysis of Hin-mediated site-specific recombination. Johnson RC, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:751–60

Substrate and enzyme requirements for in vitro site-specific recombination in bacteriophage mu. Kahmann R, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:285–94

Resolution of Holliday structures by endonuclease VII as observed in interactions with cruciform DNA. Kemper B, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:815–25

Lambda integrative recombination: supercoiling, synapsis, and strand exchange. Kitts P, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:735–44

Homologous pairing promoted by Ustilago RecI protein. Kmiec E, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:675–82

The mechanism of the chi-cos interaction in RecA-RecBC-mediated recombination in phage lambda. Kobayashi I, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:497–506

Endonuclease J: a site-specific endonuclease cleaving immunoglobulin genes. Kondo S, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:661–8

Homologous recombination in monkey cells and human cell-free extracts. Kucherlapati RS, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:191–7

Site-specific recombination systems of phages phi 80 and P22: binding sites of integration host factor and recombination-induced mutations. Leong JM, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:707–14

Homologous recombination in mouse L cells. Lin FL, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:139–49

Homologous recombination between repeated chromosomal sequences in mouse cells. Liskay RM, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:183–9

Repair of DNA base-pair mismatches in extracts of Escherichia coli. Lu AL, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:589–96

Components of the site-specific recombination system encoded by the yeast plasmid 2-micron circle. McLeod M, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:779–87

Host functions in amplification/deamplification of Tn9 in Escherichia coli K-12: a new model for amplification. Mahajan SK, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:443–51

Site-specific genetic recombination promoted by the FLP protein of the yeast 2-micron plasmid in vitro. Meyer-Leon L, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:797–804

On the role of DNA replication, endonuclease VII, and rII proteins in processing of recombinational intermediates in phage T4. Mosig G, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:371–82

Site-specific recombination in the oriV1 region of the F factor. O'Connor MB, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:421–34

Genetic analysis and regulation of inducible recombination in Escherichia coli K-12. Picksley SM, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:469–74

Inversion of DNA in vivo and in vitro by gin and pin proteins. Plasterk RH, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:295–300

Origin of cryptic lambda prophages in Escherichia coli K-12. Redfield RJ, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:199–206

Resolvase-mediated recombination intermediates contain a serine residue covalently linked to DNA. Reed RR, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:245–9

Double-strand-break repair, gene conversion, and postdivision segregation. Rothstein R. **Cold Spring Harbor Symp Quant Biol** 1984;49:629–37

In vitro systems for genetic recombination of the DNAs of bacteriophage T7 and yeast 2-micron circle. Sadowski PD, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:789–96

Site-specific recombination in transposition and plasmid stability. Sherratt D, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:227–33

Roles of processive unwinding in recombination reactions promoted by RecA protein of Escherichia coli: a study using a monoclonal antibody. Shibata T, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:541–51

Integrative recombination--a role for the retroviral reverse transcriptase. Skalka AM, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:651–9

Homologous recombination between defective neo genes in mouse 3T6 cells. Smith AJ, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:171–81

Roles of RecBC enzyme and chi sites in homologous recombination. Smith GR, et al.

Cold Spring Harbor Symp Quant Biol 1984;49:485-95

Homologous recombination with DNA introduced into mammalian cells. Smithies O, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:161-70

Quantitative analysis of the contributions of enzyme and DNA to the structure of lambda integrative recombinants. Spengler SJ, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:745-9

Visualization of RecA-DNA complexes involved in consecutive stages of an in vitro strand exchange reaction. Stasiak A, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:561-70

Genetic recombination catalyzed by cell-free extracts of Saccharomyces cerevisiae. Symington LS, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:805-14

Involvement of Escherichia coli mismatch repair in DNA replication and recombination. Wagner R, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:611-5

Replicative and conservative transpositional recombination of insertion sequences. Weinert TA, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:251-60

Kinetics and intermediates of yeast mitochondrial DNA recombination. Zinn AR, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:115-21

Purification and some of the functions of the products of bacteriophage T4 recombination genes, uvsX and uvsY. Yonesaki T, et al. **Eur J Biochem** 1985 Apr 1;148(1):127-34

A plasmid model to study genetic recombination in yeast. Embretson JE, et al. **Gene** 1984 Sep;29(3):293-302

Expression of the bacteriophage P1 cin recombinase gene from its own and heterologous promoters. Huber HE, et al. **Gene** 1985;34(1):63-72

Cointegrates carrying two copies of a Tn3 derivative in an inverted orientation. McCormick M, et al. **Gene** 1985; 34(2-3):197-206

Use of a recombination-deficient phage lambda system to construct wheat genomic libraries. Murray MG, et al. **Gene** 1984 Oct;30(1-3):237-40

IS50-mediated inverse transposition: specificity and precision. Nag DK, et al. **Gene** 1985;34(1):17-26

Tests of hypotheses on recombination frequencies. Morton NE, et al. **Genet Res** 1985 Jun;45(3):279-86

Multilocus recombination frequencies. Morton NE, et al. **Genet Res** 1984 Aug;44(1):99-107

Recombination between the t6 complex and linked loci in the house mouse. Nadeau JH, et al. **Genet Res** 1985 Jun; 45(3):251-64

Rec-mediated recombinational activity of two adjacent Chi elements in bacteriophage lambda. Yagil E, et al. **Genet Res** 1985 Feb;45(1):1-8

Recombination and assortment in the macronucleus of Tetrahymena thermophila: a theoretical study by computer simulation. Doerder FP, et al. **Genetics** 1984 Dec; 108(4):1035-45

Meiotic recombination and sporulation in repair-deficient strains of yeast. Dowling EL, et al. **Genetics** 1985 Feb; 109(2):283-302

Statistical properties of the number of recombination events in the history of a sample of DNA sequences. Hudson RR, et al. **Genetics** 1985 Sep;111(1):147-64

Meiotic recombination between duplicated genetic elements in Saccharomyces cerevisiae. Jackson JA, et al. **Genetics** 1985 Feb;109(2):303-32

Gene conversion at the gray locus of Sordaria fimicola: fit of the experimental data to a hybrid DNA model of recombination. Kalogeropoulos A, et al. **Genetics** 1985 Mar; 109(3):599-610

The role of the SPO11 gene in meiotic recombination in yeast. Klapholz S, et al. **Genetics** 1985 Jun;110(2):187-216

Coupling with packaging explains apparent nonreciprocality of Chi-stimulated recombination of bacteriophage lambda by RecA and RecBC functions. Kobayashi I, et al. **Genetics** 1984 Dec;108(4):773-94

Investigation of the nature of P-induced male recombination in Drosophila melanogaster. Sinclair DA, et al. **Genetics** 1985 Jun;110(2):257-79

Does Chi give or take? Stahl FW, et al. **Genetics** 1984 Dec; 108(4):795-808

Recombination in the X-chromosome in hybrid females with and without a marked centromere from three inbred lines of Drosophila melanogaster. Lake S. **Hereditas** 1985; 102(1):89-97

Linkage studies of X-linked mental retardation: high frequency of recombination in the telomeric region of the human X chromosome (fragile site/linkage/recombination/X chromosome). Davies KE, et al. **Hum Genet** 1985;70(3):249-55

Linkage and recombination between fragile X-linked mental retardation and the factor IX gene. Warren ST, et al. **Hum Genet** 1985;69(1):44-6

Recombination-deficient Streptococcus sanguis. Daneo-Moore L, et al. **Infect Immun** 1985 May;48(2):584-6

Mechanisms of DNA reorganization in bacteria. Shapiro JA. **Int Rev Cytol** 1985;93:25-56 (226 ref.)

Recombination in recA cells between direct repeats of insertion element IS1. Braedt G. **J Bacteriol** 1985 May; 162(2):529-34

Excision and reintegration of the Escherichia coli K-12 chromosomal element e14. Brody H, et al. **J Bacteriol** 1985 Mar;161(3):1112-7

Isolation of a recombination-deficient mutant of Rhodopseudomonas capsulata. Genthner FJ, et al. **J Bacteriol** 1984 Dec;160(3):971-5

Analysis of plasmid deletional instability in Bacillus subtilis. Hahn J, et al. **J Bacteriol** 1985 Jun;162(3):1014-23

Cloning of the Escherichia coli recJ chromosomal region and identification of its encoded proteins. Lovett ST, et al. **J Bacteriol** 1985 Apr;162(1):280-5

Host DNA replication forks are not preferred targets for bacteriophage Mu transposition. Nakai H, et al. **J Bacteriol** 1985 Jul;163(1):282-90

Integration of linear, heterologous DNA molecules into the Bacillus subtilis chromosome: mechanism and use in induction of predictable rearrangements. Niaudet B, et al. **J Bacteriol** 1985 Jul;163(1):111-20

recA-independent recombination between repeated IS50 elements is not caused by an IS50-encoded function. Phadnis SH, et al. **J Bacteriol** 1985 Mar;161(3):928-32

Comparison of physical and genetic properties of palindromic DNA sequences. Warren GJ, et al. **J Bacteriol** 1985 Mar; 161(3):1103-11

General recombination in Escherichia coli K-12: in vivo role of RecBC enzyme. Yancey SD, et al. **J Bacteriol** 1985 Apr; 162(1):29-34

Introduction of mouse C epsilon genes into Cos-7 cells and fertilized mouse eggs. Yamamura K, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):333-9

Hysteretic regulation of Ustilago rec1 protein during synapsis. Kmiec EB, et al. **J Biol Chem** 1984 Nov 25; 259(22):13684-9

Sequence rearrangements and genome instability. A possible step in carcinogenesis. Chorąży M. **J Cancer Res Clin Oncol** 1985;109(3):159-72 (65 ref.)

Analysis of major histocompatibility complex haplotypes of t-chromosomes reveals that the majority of diversity is generated by recombination. Artzt K, et al. **J Exp Med** 1985 Jul 1;162(1):93-104

Genetic analysis of fusion recombinants and presence of noncomplementing diploids in Bacillus megaterium. Fleischer ER, et al. **J Gen Microbiol** 1985 Apr;131 (Pt 4):919-26

Introduction of cloned human papillomavirus 1a DNA into rat fibroblasts: integration, de novo methylation and absence of cellular morphological transformation. Burnett TS, et al. **J Gen Virol** 1985 May;66 (Pt 5):1063-72

Structure of a germline rabbit immunoglobulin V kappa-region gene: implications for rabbit V kappa-J kappa recombination. Lieberman R, et al. **J Immunol** 1984 Nov; 133(5):2753-6

Comparison of the H-2Kb-specific cytolytic T lymphocyte receptor repertoire in Igh recombinant strains. Sherman LA, et al. **J Immunol** 1985 Jun;134(6):3569-73

Complete nucleotide sequence of the murine gamma 3 switch region and analysis of switch recombination sites in two gamma 3-expressing hybridomas. Szurek P, et al. **J Immunol** 1985 Jul;135(1):620-6

On chiasma formation point processes having the count location property. Liberman U. **J Math Biol** 1984; 21(1):1-10

A child with a recombinant of chromosome 8 inherited from her carrier mother. Barnes IC, et al. **J Med Genet** 1985 Feb;22(1):67-70

Phage P1 Cre-loxP site-specific recombination. Effects of DNA supercoiling on catenation and knotting of recombinant products. Abremski K, et al. **J Mol Biol** 1985 Jul 20;184(2):211-20

Extent of sequence homology required for bacteriophage lambda site-specific recombination. Bauer CE, et al. **J Mol Biol** 1985 Jan 20;181(2):187-97

Genetic recombination of Xenopus laevis 5 S DNA in bacteria. Carroll D, et al. **J Mol Biol** 1984 Sep 15; 178(2):155-72

Recombinational hotspot activity of Chi-like sequences. Cheng KC, et al. **J Mol Biol** 1984 Dec 5;180(2):371-7

A 140 base-pair DNA segment from the kanamycin resistance region of plasmid R1 acts as an origin of replication and promotes site-specific recombination. Clerget M. **J Mol Biol** 1984 Sep 5;178(1):35-46

Site-specific recombination by the bacteriophage P1 lox-Cre system. Cre-mediated synapsis of two lox sites. Hamilton DL, et al. **J Mol Biol** 1984 Sep 15;178(2):481-6

Mechanism of strand cleavage and exchange in the Cre-lox site-specific recombination system. Hoess RH, et al. **J Mol Biol** 1985 Feb 5;181(3):351-62

In phage lambda, cos is a recombinator in the red pathway. Stahl FW, et al. **J Mol Biol** 1985 Jan 20;181(2):199-209

Analysis of the gamma delta res site. Sites required for site-specific recombination and gene expression. Wells RG, et al. **J Mol Biol** 1984 Nov 15;179(4):667-87

Unexpectedly slow homogenisation within a repetitive DNA family shared between two subspecies of tsetse fly. Trick M, et al. **J Mol Evol** 1984;20(3-4):322-9

Isolation and partial characterization of mutants of the trypanosomatid Crithidia fasciculata and their use in detecting genetic recombination. Glassberg J, et al. **J Protozool** 1985 Feb;32(1):118-25

Early clonality and high-frequency proviral integration into the c-myc locus in AKR leukemias. O'Donnell PV, et al. **J Virol** 1985 Aug;55(2):500-3

Novel rearrangements of herpes simplex virus DNA sequences resulting from duplication of a sequence within the unique region of the L component. Pogue-Geile KL, et al. **J Virol** 1985 Feb;53(2):456-61

Recombination between a defective retrovirus and homologous sequences in host DNA: reversion by patch repair. Schwartzberg P, et al. **J Virol** 1985 Mar; 53(3):719-26

Transposon Tn1 intra-molecular transposition. Bishop R, et al. **MGG** 1984;196(1):117-22

Mechanism of illegitimate recombination: common sites for recombination and cleavage mediated by E. coli DNA gyrase. Ikeda H, et al. **MGG** 1984;196(3):546-9

Homologous recombination of polyoma virus DNA in mouse cells. Kovar H, et al. **MGG** 1985;199(1):146-51

The recF-dependent endonuclease from Escherichia coli K12. Formation and resolution of pBR322 DNA multimers. Krivonogov SV. **MGG** 1984;196(1):105-9

A molecular model for conjugational recombination in Escherichia coli K12. Lloyd RG, et al. **MGG** 1984; 197(2):328-36

Reduction of marker discrimination in transductional recombination. Masters M, et al. **MGG** 1984;196(1):85-90

Rec-dependent and Rec-independent recombination of plasmid-borne duplications in Escherichia coli K12. Matfield M, et al. **MGG** 1985;199(3):518-23

Effect of concentration on the subsequent fate of plasmid DNA in human fibroblasts..Mooibroek H, et al. **MGG** 1985; 199(1):82-8

Recombination between repeated DNA sequences occurs more often in plasmids than in the chromosome of Bacillus subtilis. Niaudet B, et al. **MGG** 1984;197(1):46-54

Staphylococcal plasmid cointegrates are formed by host- and phage-mediated general rec systems that act on short regions of homology. Novick RP, et al. **MGG** 1984; 195(1-2):374-7

Recombination deficient mutant of Caulobacter crescentus. O'Neill EA, et al. **MGG** 1985;198(2):275-8

Selective transduction of recombinant plasmids with cloned pac sites by Salmonella phage P22. Schmidt C, et al. **MGG** 1984;196(1):123-8

Fungal recombination. Orr-Weaver TL, et al. **Microbiol Rev** 1985 Mar;49(1):33-58 (143 ref.)

Effect of insertions, deletions, and double-strand breaks on homologous recombination in mouse L cells. Brenner DA, et al. **Mol Cell Biol** 1985 Apr;5(4):684-91

Circular and linear simian virus 40 DNAs differ in recombination. Dorsett D, et al. **Mol Cell Biol** 1985 Apr; 5(4):869-80

Nonreciprocal exchanges of information between DNA duplexes coinjected into mammalian cell nuclei. Folger KR, et al. **Mol Cell Biol** 1985 Jan;5(1):59-69

Efficient correction of mismatched bases in plasmid heteroduplexes injected into cultured mammalian cell nuclei. Folger KR, et al. **Mol Cell Biol** 1985 Jan;5(1):70-4

Expression of the Escherichia coli dam methylase in Saccharomyces cerevisiae: effect of in vivo adenine methylation on genetic recombination and mutation. Hoekstra MF, et al. **Mol Cell Biol** 1985 Apr;5(4):610-8

Homologous recombination catalyzed by human cell extracts. Kucherlapati RS, et al. **Mol Cell Biol** 1985 Apr;5(4):714-20

Isolation of large T antigen-producing mouse cell lines capable of supporting replication of polyomavirus-plasmid recombinants. Muller WJ, et al. **Mol Cell Biol** 1984 Nov; 4(11):2406-12

DNA polymerases, deoxyribonucleases, and recombination during meiosis in Saccharomyces cerevisiae. Resnick MA, et al. **Mol Cell Biol** 1984 Dec;4(12):2811-7

Rapid assay for extrachromosomal homologous recombination in monkey cells. Rubnitz J, et al. **Mol Cell Biol** 1985 Mar;5(3):529-37

The minimum amount of homology required for homologous recombination in mammalian cells. Rubnitz J, et al. **Mol Cell Biol** 1984 Nov;4(11):2253-8

Recombination between poly[d(GT).d(CA)] sequences in simian virus 40-infected cultured cells. Stringer JR. **Mol Cell Biol** 1985 Jun;5(6):1247-59

Recombination events after transient infection and stable integration of DNA into mouse cells. Subramani S, et al. **Mol Cell Biol** 1985 Apr;5(4):659-66

Mutational and recombinational events in carcinogen-modified plasmid DNA. Influence of host-cell repair genes. Abbott PJ. **Mutat Res** 1985 Jan-Mar; 145(1-2):25-34

Uvr-independent repair of 8-methoxypsoralen crosslinks in Escherichia coli: evidence for a recombinational process. Cupido M, et al. **Mutat Res** 1985 Sep;146(2):135-41

Spontaneous mutagenesis: the roles of DNA repair, replication, and recombination. Sargentini NJ, et al. **Mutat Res** 1985 Jul;154(1):1-27 (200 ref.)

Cellular inactivation and mitotic recombination induced by ultraviolet radiation in aneuploid and euploid strains of Candida albicans. Rhoads DD, et al. **Mycopathologia** 1984 Aug 30;87(1-2):35-41

DNA recombination: resolution of intermediates [news] Craig NL. **Nature** 1984 Oct 25-31;311(5988):706-7

Transposition without duplication of infecting bacteriophage Mu DNA. Harshey RM. **Nature** 1984 Oct 11-17; 311(5986):580-1

Resolution of synthetic att-site Holliday structures by the integrase protein of bacteriophage lambda. Hsu PL, et al. **Nature** 1984 Oct 25-31;311(5988):721-6

Correcting an immune-response deficiency by creating E alpha gene transgenic mice. Le Meur M, et al. **Nature** 1985 Jul 4-10;316(6023):38-42

Mechanisms for homologous recombination [letter] Nicolas A, et al. **Nature** 1985 Mar 21-27;314(6008):230

Telomeric reciprocal recombination as a possible mechanism for antigenic variation in trypanosomes. Pays E, et al. **Nature** 1985 Aug 8-14;316(6028):562-4

Mismatch-specific post-meiotic segregation frequency in yeast suggests a heteroduplex recombination intermediate. White JH, et al. **Nature** 1985 May 23-29;315(6017):350-2

Functional expression of a microinjected Ed alpha gene in C57BL/6 transgenic mice. Yamamura K, et al. **Nature** 1985 Jul 4-10;316(6023):67-9

The extent of DNA sequence required for a functional bacterial attachment site of phage lambda. Mizuuchi M, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1193-208

Structural analysis of both products of a reciprocal translocation between c-myc and immunoglobulin loci in Burkitt lymphoma. Moulding C, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):2141-52

Aberrant recombination events in B cell lines derived from a kappa-deficient human. Stavnezer J, et al. **Nucleic Acids Res** 1985 May 24;13(10):3495-514

A selection system for unequal crossing-over: plasmid construction and initial studies in Escherichia coli. Clevenger W, et al. **Plasmid** 1985 May;13(3):193-9

Intron-mediated recombination may cause a deletion in an alpha 1 type I collagen chain in a lethal form of osteogenesis imperfecta. Barsh GS, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2870-4

Ionic inhibition of formation of RecA nucleoprotein networks blocks homologous pairing. Chow SA, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5646-50

Friend and Moloney murine leukemia viruses specifically recombine with different endogenous retroviral sequences to generate mink cell focus-forming viruses. Evans LH, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):459-63

Double recombination of a single immunoglobulin kappa-chain allele: implications for the mechanism of rearrangement. Feddersen RM, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4793-7

Isolation and visualization of active presynaptic filaments of recA protein and single-stranded DNA. Flory J, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7026-30

Genetic recombination can generate altered restriction specificity. Fuller-Pace FV, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6095-9

Identification of a recent recombination event within the human beta-globin gene cluster. Gerhard DS, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7875-9

Genetic rearrangement of DNA induces knots with a unique topology: implications for the mechanism of synapsis and crossing-over. Griffith JD, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3124-8

Two-micrometer circle site-specific recombination: the minimal substrate and the possible role of flanking sequences. Jayaram M. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5875-9

L1 sequences in HeLa extrachromosomal circular DNA: evidence for circularization by homologous recombination. Jones RS, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):1989-93

A defective phage system reveals bacteriophage T4 replication origins that coincide with recombination hot spots. Kreuzer KN, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3345-9

Viral integration near c-myc in 10-20% of mcf 247-induced AKR lymphomas. Li Y, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6808-11

Evidence for inclusion of regions of nonhomology in heteroduplex products of bacteriophage lambda recombination. Lichten M, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7180-4

Recombination in mouse L cells between DNA introduced into cells and homologous chromosomal sequences. Lin FL, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1391-5

Deletions of kappa chain constant region genes in mouse lambda chain-producing B cells involve intrachromosomal DNA recombinations similar to V-J joining. Moore MW, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6211-5

The telomeric region of the human X chromosome long arm: presence of a highly polymorphic DNA marker and analysis of recombination frequency. Oberlé I, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2824-8

Relative rates of homologous and nonhomologous recombination in transfected DNA. Roth DB, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3355-9

Evidence that a major class of mouse endogenous long terminal repeats (LTRs) resulted from recombination between exogenous retroviral LTRs and similar LTR-like elements (LTR-IS). Schmidt M, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6696-700

Differences in mutagenic and recombinational DNA repair in enterobacteria. Sedgwick SG, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4172-6

Enhanced recombination between lambda plac5 and F42lac: identification of cis- and trans-acting factors. Seifert HS, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7500-4

Homologous recombination between a defective virus and a chromosomal sequence in mammalian cells. Shaul Y, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3781-4

Cytological mapping of the human glucose-6-phosphate dehydrogenase gene distal to the fragile-X site suggests a high rate of meiotic recombination across this site. Szabo P, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7855-9

Homology requirements for recombination in Escherichia coli. Watt VM, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4768-72

Insertion of genes into retrovirus genomes and of retrovirus DNA into cell genomes. Emerman M, et al. **Prog Med Virol** 1985;32:174-88 (30 ref.)

Immunisation of cattle with a recombinant togavirus-vaccinia virus strain. Franke CA, et al. **Res Vet Sci** 1985 Jul;39(1):113-5

Homologous recombination catalyzed by mammalian cell extracts in vitro. Darby V, et al. **Science** 1984 Dec 7;226(4679):1213-5

DNA elements are asymmetrically joined during the site-specific recombination of kappa immunoglobulin genes. Lewis S, et al. **Science** 1985 May 10;228(4700):677-85

Discovery of a predicted DNA knot substantiates a model for site-specific recombination. Wasserman SA, et al. **Science** 1985 Jul 12;229(4709):171-4

Analysis of chickens for recombination within the MHC (B-complex). Skjødt K, et al. **Tissue Antigens** 1985 May;25(5):278-82

Recombination between HLA-A and C and between HLA-B and complement locus C4 in the same individual. Thomsen M, et al. **Tissue Antigens** 1985 Feb;25(2):75-8

Recombination and rescue between temperature-sensitive mutants of poliovirus type 1. Agut H, et al. **Virology** 1984 Dec;139(2):393-402

Recombination in adenovirus: analysis of crossover sites in intertypic overlap recombinants. Mautner V, et al. **Virology** 1984 Nov;139(1):43-52

Mechanisms for the generation of src-deletion mutants and recovered sarcoma viruses: identification of viral sequences involved in src deletions and in recombination with c-src sequences. Parvin JD, et al. **Virology** 1984 Oct 30;138(2):236-45

Cell-specific selection of mutants of a herpes simplex virus recombinant carrying deletions. Sears AE, et al. **Virology** 1985 Aug;145(1):176-80

A new suppressor of mutations in the DNA repair-recombination genes of bacteriophage T4: sur. Wakem LP, et al. **Virology** 1984 Sep;137(2):331-7

The coupling of DNA repair-recombination functions with DNA replication in bacteriophage T4: a new DNA repair mutant. Wakem LP, et al. **Virology** 1984 Sep;137(2):338-46

An analysis of DNA repair and recombination functions of bacteriophage T4 by means of suppressors: the role of das. Wakem LP, et al. **Virology** 1984 Sep;137(2):324-30

Isolation and biochemical characterization of intertypic recombinants of foot-and-mouth disease virus. McCahon D, et al. **Virus Res** 1985 Jul;3(1):87-100

[Rec-assay method by Bacillus subtilis] Wang YZ. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Sep;18(5):285-7 (Eng. Abstr.) **(Chi)**

[Reaction mechanisms of E. coli recA protein] Shibata T. **Seikagaku** 1984 Dec;56(12):1510-21 (78 ref.) **(Jpn)**

[Cis-active function of plasmid R 57 resolving co-integrates formed during transposition of ISI-elements] Danilevich VN. **Antibiot Med Biotekhnol** 1985 Mar;30(3):166-70 (Eng. Abstr.) **(Rus)**

[Structure of a recombination site in the transducing bacteriophage lambda plac5 DNA] Shpakovskiĭ GV, et al. **Bioorg Khim** 1983 May;9(5):711-3 (Eng. Abstr.) **(Rus)**

[Recombinant haplotype H-2 in mice of the congenic resistant strain B10.D1(R108)/Y] Blandova ZK, et al. **Genetika (Moskva)** 1984 Sep;20(9):1484-8 (Eng. Abstr.) **(Rus)**

[Comparative analysis of recombinant bacteriophages containing the sequences of the chromosomal ceruloplasmin gene in the rat] Shvartsman AL, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):496-504 (Eng. Abstr.) **(Rus)**

[Recombination between adenoviral and cellular DNA] Gahlmann R, et al. **Vopr Virusol** 1984 Jul-Aug;29(4):399-410 (49 ref.) **(Rus)**

[Antigenic properties of variants of the influenza virus H7N7 and its recombinants] Podcherniaeva RIa, et al. **Vopr Virusol** 1985 Mar-Apr;30(2):144-9 (Eng. Abstr.) **(Rus)**

[Rec-A-independent molecular rearrangements between R plasmids of the FII incompatibility group] Cruz Reyes J, et al. **Rev Latinoam Microbiol** 1984 Oct-Dec;26(4):335-45 (Eng. Abstr.) **(Spa)**

[Regulation of integrative recombination in bacteriophage lambda] Guarneros G. **Rev Latinoam Microbiol** 1984 Jul-Sep;26(3):285-9 **(Spa)**

DRUG EFFECTS

Aristolochic acid is mutagenic and recombinogenic in Drosophila genotoxicity tests. Frei H, et al. **Arch Toxicol** 1985 Jan;56(3):158-66

Effects of some DNA-ligands and of some mutagenic compounds on the induction of meiotic disomic or diploid yeast products. Sora S. **Environ Mutagen** 1985;7(1):121-8

Inhibitors of thymidylate synthesis increase whereas thymidine decreases meiotic recombination in Drosophila melanogaster. Silber J, et al. **MGG** 1985;199(1):53-4

Genotoxicity of 5-azacytidine in somatic cells of Drosophila. Katz AJ. **Mutat Res** 1985 Jul;143(3):195-9

Mutagenic and recombinogenic activity of hydrazine sulphate in Saccharomyces cerevisiae. Vasudeva M, et al. **Mutat Res** 1985 Mar;155(3):113-5

RADIATION EFFECTS

Development and progression of karyotypic variability in melanoma K1735 following X-irradiation. Wolman SR, et al. **Cancer Res** 1985 Apr;45(4):1839-44

Ultraviolet irradiation mutagenesis and recombination in Spiroplasma citri. Labarere J, et al. **Isr J Med Sci** 1984 Sep;20(9):826-9

Analysis of non-linearities in frequency curves for UV-induced mitotic recombination in wild-type and excision-repair-deficient strains of yeast. Kunz BA, et al. **Mutat Res** 1985 Sep;151(2):235-42

RECORDS

Training professionals to record proceedings of interdisciplinary team conferences. Parrish JM, et al. **Appl Res Ment Retard** 1985;6(2):247-62

Quality control log with CUSUM and clinically useful limits criteria. Schoen I, et al. **Arch Pathol Lab Med** 1985 Apr;109(4):333-9

Draft Privacy Bill 1983. Access to records of personal information. St. Maur Mills D. **Aust Clin Rev** 1985 Mar;(16):32-8

Private practice: financial records. Hepburn PF. **Br J Hosp Med** 1985 Jun;33(6):362-4

Computerized histories facilitate patient care in a termination of pregnancy clinic: the use of a small computer to obtain and reproduce patient information. Lilford RJ, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):333-40

Hospital clinical records [editorial] Nicol A, et al. **Br Med J [Clin Res]** 1985 Sep 7;291(6496):614-5

Why keep hospital clinical records? [editorial] Nicol A, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):263-4

A parent aide program: record keeping, outcomes, and costs. Miller K, et al. **Child Welfare** 1985 Jul-Aug;64(4):407-19

An outcome-coded birth file from machine readable vital records. Holland S, et al. **Comput Biol Med** 1985;15(1):25-39

A report generator package for routine laboratory tests in a hospital cardiology department. Cochrane T, et al. **Comput Methods Programs Biomed** 1985 May;20(1):63-8

Computer security: how safe are your records? Bourgoin-Collas M, et al. **Dimens Health Serv** 1985 Jan;62(1):12-3, 34

Data recording in general practice. Thrusfield M. **In Pract** 1985 Jul;7(4):128-38

The development of matching criteria for epidemiological studies using record linkage techniques. Fett MJ. **Int J Epidemiol** 1984 Sep;13(3):351-55

A computerized record and verify system for radiation treatments. Mohan R, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct;10(10):1975-85

International Classification of Impairments, Disabilities and Handicaps: exercises in its application in a hospital medical record. Ford B. **Int Rehabil Med** 1984;6(4):191-3

A simple and efficient system for filing professional and personal reference material. Simmonds RC, et al. **J Am Vet Med Assoc** 1985 Aug 1;187(3):228-30

Differences in modified contemporary comparison sire evaluations from first and later lactations by breed. Cassell BG, et al. **J Dairy Sci** 1985 Jul;68(7):1778-84

Borderline diagnosis from hospital records. Reliability and validity of Gunderson's Diagnostic Interview for Borderlines (DIB). Armelius BA, et al. **J Nerv Ment Dis** 1985 Jan;173(1):32-4

Use of company stock ownership records to locate subjects lost to follow-up. Nelson NA. **J Occup Med** 1984 Oct;26(10):737-9

The development of an integrated and co-operative hospital information system. Bakker AR. **Med Inf (Lond)** 1984 Apr-Jun;9(2):135-42

Computer-generated discharge letters in the coronary care unit. van Domburg RT, et al. **Med Inf (Lond)** 1985 Jul-Sep;10(3):259-66

Patient access to mental health records: impact on clinical practice. Schwartz HI, et al. **New Dir Ment Health Serv** 1985 Mar;(25):79-88

A radiographer's guide to computerized patient administration. Duffee M, et al. **Radiography** 1984 Nov-Dec;50(594):249-53

Radiology department management system: technologists' costs. McNeil BJ, et al. **Radiology** 1985 Jul;156(1):57-60

Completeness of occupational history and occurrences of work-related diseases. Koskela RS, et al. **Scand J Work Environ Health** 1984 Dec;10(6 Spec No):455-9

Integrating health-related data from various sources: combining surveys, records and routine data. Schach E. **Soz Praventivmed** 1985;30(2):68-71

[Personal experience with a computerized data base of hospitalized patient records] Svačina S, et al. **Cesk Zdrav** 1985 Jul;33(6-7):294-9 (Eng. Abstr.) **(Cze)**

[Apropos of the automated psychiatric documentation system (A.P.D.S.) of the Paris military hospital complex after 6 years of use] Bazot M, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):880-6 **(Fre)**

[Medicine and data processing] Funck-Brentano JL. **Bull Acad Natl Med (Paris)** 1984 Mar-Apr;168(3-4):362-6 (Eng. Abstr.) **(Fre)**

[Quality control: observation record on the use of pliable bags] Avenard G, et al. **Rev Fr Transfus Immunohematol** 1985 Feb;28(1):45-9 **(Fre)**

[Hospital statistics, documentation quality and data protection. Problem solving with a minicomputer] Flückiger M, et al. **Helv Chir Acta** 1985 Jan;51(6):689-92 (Eng. Abstr.) **(Ger)**

[The proposed law on safeguarding of data--a threat to medical-epidemiologic research in Switzerland?] Ackermann-Liebrich U, et al. **Soz Praventivmed** 1984; 29(4-5):189 (Eng.•Abstr.) **(Ger)**

[Our experience with a 5-group registration system in providing outpatient services for women] Potkina IE. **Akush Ginekol (Mosk)** 1985 May;(5):57-60 **(Rus)**

[State and prospects of using electronic computer technics in military-medical institutions] Sinopal'nikov IV, et al. **Voen Med Zh** 1985 Feb;(2):20-5 **(Rus)**

LEGISLATION & JURISPRUDENCE

Quality assurance documentation--its legal disclosure rights. Ferguson CG. **Dimens Health Serv** 1985 Feb;62(2):27, 46

Can confidential records be subpoenaed? **Mich Med** 1984 Dec;83(58):679-84

[Cooperation between therapeutic-preventive institutions and the forensic medicine bureau (data of a working group)] Zaslavskii GI, et al. **Sud Med Ekspert** 1985 Jan-Mar;28(1):42-3 **(Rus)**

STANDARDS

A survey of quality of clinical entry. Brolly EH. **Aust Clin Rev** 1984 Sep;(14):11-3

JCAH outlines records requirements for ambulatory surgery. **Hospitals** 1985 Sep 16;59(18):117

Standard nomenclature for primate breeding and husbandry. Hall AS. **J Med Primatol** 1983;12(3):155-9

Inadequate medical order writing and delivery: a cause of unnecessary hospital costs. Larson EB, et al. **QRB** 1984 Nov;10(11):353-5

[Evaluation of emergency room reply letters] Zalewski S, et al. **Harefuah** 1984 Dec 2;107(11):342-4 (Eng. Abstr.) **(Heb)**

RECOVERY ROOM

Documenting post-anesthesia recovery. Andrews DR, et al. **Am J Nurs** 1985 Mar;85(3):290-1

MANPOWER

Patient flow patterns in a recovery room and implications for staffing. Bell M, et al. **J R Soc Med** 1985 Jan;78(1):35-8

RECREATION

Recreational softball injuries. Shesser R, et al. **Am J Emerg Med** 1985 May;3(3):199-202

Effects of a recreation therapy program on activity involvement and social interaction of mentally-retarded persons. Anderson SC, et al. **Behav Res Ther** 1985; 23(4):473-7

An open-air running and circuit exercising track in France. Selcon H. **Br J Sports Med** 1984 Sep;18(3):223-5

In a small boat round the world. Davies SN. **Br Med J [Clin Res]** 1984 Dec 22-29;289(6460):1780-1

Fly fisher's finger. Wicks AC. **Br Med J [Clin Res]** 1984 Dec 22-29;289(6460):1741

Danger of three-wheeled recreational vehicles [letter] Jeffery HF. **Can Med Assoc J** 1985 Sep 15;133(6):555

Sleep and sleepiness following a behaviourally 'active' day. Horne JA, et al. **Ergonomics** 1985 Mar;28(3):567-75

The multidisciplinary treatment plan: a format for enhancing activity therapy department involvement. Lang E, et al. **Hosp Community Psychiatry** 1985 Jan;36(1):62-8

Three-wheeler accidents [letter] Cogbill TH, et al. **JAMA** 1985 Aug 23-30;254(8):1037

Two new causes of alopecia [letter] Copperman SM. **JAMA** 1984 Dec 28;252(24):3367

A holiday home for long-stay psychiatric patients. Goldney RD,, et al. **Med J Aust** 1985 Jun 10;142(12):650-1

Seizures and death on a white river float trip. Report of water hemlock poisoning. Landers D, et al. **West J Med** 1985 May;142(5):637-40

[Problems of work activity, social contact and outside interests of persons 60-years-old and older with emphasis on single persons] Vožehová S. **Cesk Zdrav** 1984 Jul; 32(6-7):294-300 (Eng. Abstr.) **(Cze)**

[Demonstrated significance of fungal flora in sand-boxes] Chabasse D, et al. **Mycopathologia** 1985 Apr;90(1):3-13 (Eng. Abstr.) **(Fre)**

[The handicapped and non-handicapped in a leisure time group] Jauch S. **Rehabilitation (Stuttg)** 1984 Aug; 23(3):124-7 (Eng. Abstr.) **(Ger)**

[Hygienic substantiation of mental work and recreation schedules] Agarkov VI, et al. **Gig Sanit** 1985 Jan;(1):33-6 (Eng. Abstr.) **(Rus)**

[Current state and means of improving the recreation of non-organized vacationers at Black Sea health resorts of the Caucasus (social and medical aspects)] Romanov NE, et al. **Sov Med** 1984;(9):62-5 **(Rus)**

RECRUITMENT (NEUROLOGY) see under **NEURAL CONDUCTION**

RECRUITMENT DETECTION (AUDIOLOGY)

Binaural interaction in auditory brain stem responses: parametric studies. Wilson MJ, et al. **Ear Hear** 1985 Mar-Apr;6(2):80-8

METHODS

Responses elicited from medial superior olivary neurons by stimuli associated with binaural masking and unmasking. Langford TL. **Hear Res** 1984 Jul;15(1):39-50

RECRUITMENT, LOUDNESS

DIAGNOSIS

Significance of loudness recruitment. Young IM, et al. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter; 37(2):209-13

ETIOLOGY

[Phenomenon of accelerated sound volume increase and the critical analysis of the mechanism of its development] Blagoveshchenskaia NS. **Vestn Otorinolaringol** 1985 Jan-Feb;(1):21-4 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Effects of flanking noise bands on the rate of growth of loudness of tones in normal and recruiting ears. Moore BC, et al. **J Acoust Soc Am** 1985 Apr;77(4).1505-13

RECTAL DISEASES

Common anorectal disorders. Lieberman DA. **Ann Intern Med** 1984 Dec;101(6):837-46 (107 ref.)

Symposium on outpatient anorectal procedures. Panel discussion. Belliveau P, et al. **Can J Surg** 1985 May; 28(3):239-40

Solitary rectal ulcer syndrome. Kochar AS, et al. **Indiana Med** 1984 Nov;77(11):870-1

Healing of endoscopic biopsy sites in the human rectum. Subramanyam K, et al. **J Clin Gastroenterol** 1985 Jun; 7(3):266-8

[Perforation of the rectum and sigmoid after electrocoagulation via a rectoscope] Svezhintsev AP, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):135-6 **(Rus)**

[Diseases of the large intestine, rectum and perianal region (excluding malignomas)] Marković A. **Acta Chir Iugosl** 1984;31 Suppl 1:11-20 **(Scr)**

[Incidence of benign and malignant diseases of the rectosigmoid from data of the Gastroenterology Department of the Internal Medicine Service--5 years' data] Naumov B, et al. **Med Pregl** 1984;37(7-8):293-8 (Eng. Abstr.) **(Scr)**

COMPLICATIONS

Delayed recognition of an intersphincteric abscess as the underlying cause of Fournier's scrotal gangrene. Jamieson NV, et al. **Ann R Coll Surg Engl** 1984 Nov;66(6):434-5

Anal carcinoma presenting as a perirectal abscess or fistula. Nelson RL, et al. **Arch Surg** 1985 May;120(5):632-5

Comment on Zea-Mendoza report [letter] Varga J, et al. **Arthritis Rheum** 1985 Jun;28(6):719

Melanosis of the rectum in patients with chronic constipation. Badiali D, et al. **Dis Colon Rectum** 1985 Apr;28(4):241-5

Solitary rectal ulcer as a cause of massive lower gastrointestinal bleeding [letter] Alberti-Flor JJ, et al. **Gastrointest Endosc** 1985 Feb;31(1):53-4

Spontaneous rupture of the rectum with prolapse of small intestine through the anus. Pettit SH. **J R Coll Surg Edinb** 1984 Nov;29(6):386-7

[Constipation caused by colonic inertia and distal obstruction: electromyographic study] Schang JC, et al. **Gastroenterol Clin Biol** 1985 Jun-Jul;9(6-7):480-5 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

Screening for occult blood in selected patients. The potential for false-negatives. Morris DM, et al. **Cancer** 1984 Nov 15;54(10):2272

Recurrence rates for colorectal polyps. Neugut AI, et al. **Cancer** 1985 Apr 1;55(7):1586-9

Colonoscopic findings in patients with hemorrhoids, rectal bleeding and normal rectoscopy. Bat L, et al. **Isr J Med Sci** 1985 Feb;21(2):139-41

Colorectal Health Check (CHECK). Wilson JP. **J Med Assoc Ga** 1985 Mar;74(3):180-1

How to diagnose anorectal disease. Erdman LH. **J SC Med Assoc** 1985 Jul;81(7):374-5

Lower gastrointestinal hemorrhage pathologic physiology and surgical considerations. Bakaleinik M. **Milit Med** 1985 Jun;150(6):303-8

Triple-culture tests for diagnosis of chlamydial infection of the female genital tract. Dunlop EM, et al. **Sex Transm Dis** 1985 Apr-Jun;12(2):68-71

Anorectal and enteric infections in homosexual men. Rompalo AM, et al. **West J Med** 1985 May;142(5):647-52

[Solitary ulcer of the rectum. Apropos of a case with a review of the literature] Ghorbel A, et al. **Tunis Med** 1984 Jul-Aug; 62(4):297-301 (Eng. Abstr.) **(Fre)**

[Rectoscopy: rigid or flexible? A comparative study] Classen M, et al. **Dtsch Med Wochenschr** 1985 Mar 22;110(12):445-8 (Eng. Abstr.) **(Ger)**

[Rectoscopy and sigmoidoscopy--new instruments] Phillip J, et al. **Internist (Berlin)** 1985 Jan;26(1):6-8 **(Ger)**

[Value of rectoscopy in basic ambulatory care--in the integration of general and special dispensary care] Perlin L, et al. **Z Arztl Fortbild (Jena)** 1984;78(21):901-3 **(Ger)**

[Emergency colonoscopy] de Anna L, et al. **Ann Ital Chir** 1984;56(4):371-9 (Eng. Abstr.) **(Ita)**

[Importance of manometry in the diagnosis of benign ano-rectal pathology] Vecchioni R, et al. **Minerva Chir** 1984 Oct 15;39(19):1327-30 **(Ita)**

[Solitary ulcer syndrome: anatomo-clinical aspects] Villanacci V, et al. **Minerva Med** 1985 Jul 31; 76(30-31):1419-22 (Eng. Abstr.) **(Ita)**

[An improved proctoscope] Pavlovskiĭ MP, et al. **Klin Khir** 1985 Feb;(2):57 **(Rus)**

DRUG THERAPY

Suppositories: are they effective? Banov L Jr. **J SC Med Assoc** 1985 Jul;81(7):407

Rectal spirochaetosis--symptomatic response to metronidazole and mebendazole. A case report. Burns DG, et al. **S Afr Med J** 1985 Aug 31;68(5):335-6

ETIOLOGY

Colonic variceal hemorrhage after endoscopic injection sclerosis of esophageal varices: a report of three cases. Foutch PG, et al. **Am J Gastroenterol** 1984 Oct; 79(10):756-60

The management of carcinoma of the rectum presenting as an ischiorectal abscess. Avill R. **Br J Surg** 1984 Sep; 71(9):665

Retrorectal abscess: a complication of terminal ileal Crohn's disease. Keeling P, et al. **Br J Surg** 1984 Nov;71(11):831

Rectal hemorrhage from ulcerated appendiceal stump nine years after appendectomy. Report of a case. Choi DY, et al. **Dis Colon Rectum** 1985 Jun;28(6):454-6

Radiation-induced solitary rectal ulcer. Crowe J, et al. **Dis Colon Rectum** 1985 Aug;28(8):610-2

The gay bowel. Weller IV. **Gut** 1985 Sep;26(9):869-75 (48 ref.)

Pelvic actinomycosis presenting with rectal stricture. Spickett GP, et al. **J R Soc Med** 1985 Aug;78(8):674-6

Rectal serosal hematoma: an unusual complication of culdocentesis. Anasti J, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):72S-73S

Rectal biopsy as a cause of rectal ulceration. Millward SF, et al. **Radiology** 1985 Jul;156(1):42

Pelvic lipomatosis causing constriction of the lower urinary tract and the rectum. Case report. Henriksson L, et al. **Scand J Urol Nephrol** 1984;18(3):249-52

[Anorectal manifestations of sexually transmissible diseases. Kaposi's sarcoma] Libeskind M, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Oct-Nov; 20(5):265-70 (Eng. Abstr.) **(Fre)**

[Proctologic complications in intestinal bypass] Doldi SB, et al. **Minerva Chir** 1984 Oct 31;39(20):1355-9 **(Ita)**

[Digestive disorder caused by Schistosoma haematobium] Sola Lamogilia R, et al. **Rev Esp Enferm Apar Dig** 1985 May;67(5):462-5 (Eng. Abstr.) **(Spa)**

OCCURRENCE

[Investigation of rectal and bladder complications after RALS therapy for carcinoma of the uterine cervix] Teshima T, et al. **Gan No Rinsho** 1984 Nov;30(14):1793-800 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Xanthogranuloma of the rectum. Morimatsu M, et al. **Acta Pathol Jpn** 1985 Jan;35(1):165-71

Heterotopic gastric mucosa in the rectum. Castellanos D, et al. **Endoscopy** 1984 Sep;16(5):197-9

[Histochemical changes of the intestinal mucus in benign and malignant lesions of the colon and rectum] Habib NA, et al. **Gastroenterol Clin Biol** 1985 Jun-Jul;9(6-7):491-4 (Eng. Abstr.) **(Fre)**

[Colonoscopy and extensive biopsy in the diagnosis and treatment of diseases of the large intestine] Kornilov IuM, et al. **Ter Arkh** 1985;57(2):85-8 **(Rus)**

PHYSIOPATHOLOGY

Electrophysiological and manometric assessment of the pelvic floor in the solitary rectal ulcer syndrome. Snooks SJ, et al. **Br J Surg** 1985 Feb;72(2):131-3

[Results of electromyography studies of the rectosigmoid] Kratzsch KH. **Dtsch Z Verdau Stoffwechselkr** 1985; 45(2):45-51 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

CT of schistosomal calcification of the intestine. Fataar S, et al. **AJR** 1985 Jan;144(1):75-6

Diagnosis of disturbances of continence and defecation. Kuijpers HC, et al. **Dis Colon Rectum** 1984 Oct; 27(10):658-62

The widened retrorectal space: some radiographic-clinical considerations. Beneventano TC, et al. **Mt Sinai J Med (NY)** 1984 Jul-Aug;51(4):467-72

The ileorectal and ileosigmoidal fistula in Crohn's disease:

a clinical-radiological correlation. Korelitz BI. **Mt Sinai J Med (NY)** 1984 Jul-Aug;51(4):341-6

Defecography. Ekberg O, et al. **Radiology** 1985 Apr; 155(1):45-8

Prenatal perforation of the extraperitoneal part of the rectum, associated with a developmental defect of the pelvic floor. Davies MR, et al. **Z Kinderchir** 1984 Aug;39(4):271-3

[Solitary ulcer of the rectum. Nosological discussion apropos of a case] Demange P, et al. **J Radiol** 1985 Feb;66(2):137-40 (Eng. Abstr.) **(Fre)**

[Rectal diverticulosis] Pomerri F, et al. **Radiol Med (Torino)** 1984 Jan-Feb;70(1-2):60-1 **(Ita)**

[Perinephric abscess radiologically mimicking dilated and perforated bowel] Hirano N, et al. **Rinsho Hoshasen** 1984 Aug;29(8):913-6 (Eng. Abstr.) **(Jpn)**

SURGERY

Single-dose intravenous metronidazole v. doxycycline prophylaxis in colorectal surgery. An open prospective, randomized trial. Kling PA, et al. **Acta Chir Scand** 1985; 151(2):163-8

Incision and drainage v. incision, curettage and suture under antibiotic cover in anorectal abscess. A randomized study with 3-year follow-up. Kronborg O, et al. **Acta Chir Scand** 1984;150(8):689-92

Reflections on anorectal abscess fistula: 1984. Hanley PH. **Dis Colon Rectum** 1985 Jul;28(7):528-33

Phantom sensations after excision of the rectum. Lubbers EJ. **Dis Colon Rectum** 1984 Dec;27(12):777-8

Transrectal repair of rectocele: an extended armamentarium of colorectal surgeons. A report of 355 cases. Sehapayak S. **Dis Colon Rectum** 1985 Jun;28(6):422-33

Plastic ring wound drapes in elective colorectal surgery. Gamble SS, et al. **J R Coll Surg Edinb** 1984 Jul;29(4):232-3

Prophylactic antibiotics for elective colorectal surgery or operation for obstruction of the small bowel: a comparison of cefonicid and cefoxitin. Fabian TC, et al. **Rev Infect Dis** 1984 Nov-Dec;6 Suppl 4:S896-900

Tinidazole prophylaxis in elective colorectal surgery. Laitinen S, et al. **Scand J Gastroenterol** 1984 Nov; 19(8):1027-30

Should antimicrobial prophylaxis in colorectal surgery include agents effective against both anaerobic and aerobic microorganisms? A double-blind, multicenter study. The Norwegian Study Group for Colorectal Surgery. **Surgery** 1985 Apr;97(4):402-8

[Massive rectal hemorrhage--a late complication of appendectomy requiring treatment] Kjaer SK, et al. **Ugeskr Laeger** 1984 Aug 13;146(33):2482-3 (Eng. Abstr.) **(Dan)**

[Local ampicillin prevention of wound infection after elective colorectal surgery] Merrild U, et al. **Ugeskr Laeger** 1985 Mar 4;147(10):876-8 (Eng. Abstr.) **(Dan)**

[Evaluation of 172 manual and mechanical colorectal anastomosis] Pélissier E, et al. **Chirurgie** 1984; 110(6-7):650-4 (Eng. Abstr.) **(Fre)**

[Solitary ulcer of the rectum and its surgical treatment] Honoré P, et al. **Rev Med Liege** 1985 Mar 15;40(6):209-14 **(Fre)**

[Mechanical anastomoses in colorectal surgery. Indications and results] Ballantyne GH, et al. **Chirurg** 1985 Apr; 56(4):223-6 **(Ger)**

[18 years' experience with continent ileostomy] Kock NG, et al. **Chirurg** 1985 May;56(5):299-304 **(Ger)**

[Perioperative antibiotic prevention in colon and rectum surgery. A randomized study on the value of single dose prevention] Athanasiadis S, et al. **Zentralbl Chir** 1985; 110(9):532-8 (Eng. Abstr.) **(Ger)**

[Significance of the suture technic and anastomosis sites for continence following deep rectum resection] Jostarndt L, et al. **Zentralbl Chir** 1985;110(11):664-70 (Eng. Abstr.) **(Ger)**

[Interpretation of results of clinical studies for practical colon and rectum surgery] Thiede A, et al. **Zentralbl Chir** 1985; 110(9):539-57 (Eng. Abstr.) **(Ger)**

[Original operative technic in the surgical treatment of recto-sigmoid perforations (traumatic lesions, diverticular perforations, anastomotic dehiscences)] Lago TF, et al. **Chir Ital** 1984 Jun;36(3):306-13 (Eng. Abstr.) **(Ita)**

[Treatment of anorectal abscesses] Di Guglielmo A, et al. **Minerva Chir** 1985 Feb 15;40(3):159-60 (Eng. Abstr.) **(Ita)**

[Trends in the surgical treatment of ulcerative rectocolitis] Locatelli L, et al. **Minerva Dietol Gastroenterol** 1984 Oct-Dec;30(4):391-5 (Eng. Abstr.) **(Ita)**

[A new solution for orthograde intestinal lavage] Perego P, et al. **Minerva Med** 1984 Sep 22;75(36):2079-81 **(Ita)**

[Surgical treatment of rectal diseases in diabetics] Myshkin KI, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):80-2 (Eng. Abstr.) **(Rus)**

THERAPY

New concepts in severe presacral hemorrhage during proctectomy. Wang QY, et al. **Arch Surg** 1985 Sep; 120(9):1013-20

Treatment of solitary rectal ulcer syndrome with high-fiber diet and abstention of straining at defecation. van den Brandt-Grädel V, et al. **Dig Dis Sci** 1984 Nov; 29(11):1005-8

Levator syndrome. A treatment that works. Nicosia JF, et al. **Dis Colon Rectum** 1985 Jun;28(6):406-8

[The acute bleeding rectal ulcer] Hansen H. **Dtsch Med Wochenschr** 1985 Jun 14;110(24):960-2 (Eng. Abstr.) **(Ger)**

[Organization of proctological services for the population] Militarev IuM. **Sov Zdravookhr** 1985;(4):32-6 (Eng. Abstr.) **(Rus)**

[Physical therapy methods in proctology] Lapshin VP, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov-Dec; (6):57-60 **(Rus)**

[Anorectal dyschezia. Megarectum] Boix-Ochoa J, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 May-Jun; 20(3):113-6 (Eng. Abstr.) **(Spa)**

VETERINARY

Blood flow parameters associated with udder oedema in Jersey cattle affected with rectovaginal constriction. Al-Ani FK, et al. **Vet Rec** 1985 Feb 9;116(6):156-8

RECTAL FISTULA

COMPLICATIONS

Anal carcinoma presenting as a perirectal abscess or fistula. Nelson RL, et al. **Arch Surg** 1985 May;120(5):632-5

Adenocarcinoma of sigmoid colon seeding into pre-existing fistula in ano. Rollinson PD, et al. **Br J Surg** 1984 Sep; 71(9):664-5

Malignant change in fistula-in-ano. Feeley TM, et al. **Ir Med J** 1984 Oct;77(10):326

Candida krusei (Cast.) Berkhout from the draining sinuses in a human patient its drug sensitivity and pathogenicity. Jacob Z, et al. **Mykosen** 1984 Jul;27(7):361-5

[Recurrent anorectal abscesses] Turra G, et al. **Chir Ital** 1984 Apr;36(2):266-71 (Eng. Abstr.) **(Ita)**

[Therapeutic tactics in anorectal complications of Crohn's disease] Kirkin BV, et al. **Khirurgiia (Mosk)** 1985 Feb; (2):104-7 **(Rus)**

[Development of tumors in the area of rectal fistulae] Kharaberiush VA, et al. **Klin Khir** 1985 May;(5):57 **(Rus)**

DIAGNOSIS

[Anal pseudofistula] Wieczorek Z, et al. **Pol Tyg Lek** 1984 Jul 2;39(27):919-21 (Eng. Abstr.) **(Pol)**

[Combined x-ray-endoscopic examination in the diagnosis of fistulas of the large intestine] Anan'ev VG, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):129-32 **(Rus)**

[Functional and roentgenological studies of the anorectal area in intestinal diseases] Misharev OS, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):78-82 **(Rus)**

ETIOLOGY

Rectourethroperineal fistula in Crohn's disease. Stamler JS, et al. **Am J Gastroenterol** 1985 Feb;80(2):111-2

Fistula-in-ano in childhood: a congenital etiology. Fitzgerald RJ, et al. **J Pediatr Surg** 1985 Feb;20(1):80-1

[Fecal fistula as an early complication of transvesical prostatic adenomectomy] Symonowicz P, et al. **Wiad Lek** 1985 May 1;38(9).671-3 (Eng. Abstr.) **(Pol)**

[Anorectal complications of Crohn disease (review of the literature)] Kirkin BV, et al. **Khirurgiia (Mosk)** 1984 Dec; (12):139-43 (30 ref.) **(Rus)**

[Anorectal complications of Crohn's disease] Kirkin BV, et al. **Sov Med** 1984;(12):94-8 **(Rus)**

OCCURRENCE

Fistula-in-ano in a defined population. Incidence and epidemiological aspects. Sainio P. **Ann Chir Gynaecol** 1984; 73(4):219-24

PATHOLOGY

[Epithelial changes in the anal canal associated with hemorrhoids, fissures and fistulas] Fonio de Gijón T, et al. **Acta Gastroenterol Latinoam** 1984;14(2):155-9 (Eng. Abstr.) **(Spa)**

RADIOGRAPHY

Fistulography for fistula-in-ano. Is it useful? Kuijpers HC, et al. **Dis Colon Rectum** 1985 Feb;28(2):103-4

SURGERY

Fistula-in-ano. Clinical features and long-term results of surgery in 199 adults. Sainio P, et al. **Acta Chir Scand** 1985; 151(2):169-76

A prospective manometric study of the effect of anal fistula surgery on anorectal function. Sainio P, et al. **Acta Chir Scand** 1985;151(3):279-88

Gas embolism produced by hydrogen peroxide irrigation of an anal fistula during anesthesia. Tsai SK, et al. **Anesthesiology** 1985 Sep;63(3):316-7

Anorectal fistulas. Henry MM. **Ann Gastroenterol Hepatol (Paris)** 1984 May-Jun; 20(3):151-2

Re-routing of the track for the treatment of high anal and anorectal fistulae. Mann CV, et al. **Br J Surg** 1985 Feb; 72(2):134-7

Mucosal advancement in the treatment of anal fistula. Aguilar PS, et al. **Dis Colon Rectum** 1985 Jul;28(7):496-8

Reflections on anorectal abscess fistula: 1984. Hanley PH. **Dis Colon Rectum** 1985 Jul;28(7):528-33

Results of treatment of fistula-in-ano. Vasilevsky CA, et al. **Dis Colon Rectum** 1985 Apr;28(4):225-31

Prostatic and membranous urethrorectal fistulas: a new technique of surgical closure. Zimmern PE, et al. **J Urol** 1985 Aug;134(2):355-7

Emergency fistulectomy of the acute primary anorectal cryptoglandular intermuscular abscess-fistula in ano. Eisenhammer S. **S Afr J Surg** 1985 Mar;23(1):1-7

Transsphincteric-transrectal repair of posttraumatic urethrorectal fistula. Case report. Kontturi M. **Scand J Urol Nephrol** 1985;19(1):73-6

Transcoccygeal approach for rectourethral fistula repair. Martelli A, et al. **Urol Int** 1984;39(5):292-7

Surgical correction of rectoprostatic fistula. Bauer HW, et al. **Urology** 1984 Nov;24(5):452-5

The use of PMMA beads in recurrent high anal fistula: a preliminary report. Kupferberg A, et al. **World J Surg** 1984 Dec;8(6):970-4

[Transphincteric rectotomy of tumors and fistulae in the rectum] Klaaborg KE, et al. **Ugeskr Laeger** 1985 Jan 28; 147(5):411-3 (Eng. Abstr.) **(Dan)**

[The seton method for the treatment of perianal fistula located outside of the sphincter] Kuijpers JH, et al. **Ned Tijdschr Geneeskd** 1985 May 18;129(20):945-7 (Eng. Abstr.) **(Dut)**

[Treatment of anorectal fistulas: a still current problem] Weber E, et al. **Chirurg** 1984 Oct;55(10):657-60 (Eng. Abstr.) **(Ger)**

[Perianal fistula: problems of surgical therapy] Gaspari L, et al. **Ann Ital Chir** 1984;56(2):191-205 **(Ita)**

[Diagnostic criteria and selection of surgical treatment in anal fistula] Argellati G, et al. **Minerva Chir** 1985 Feb 15; 40(3):153-4 (Eng. Abstr.) **(Ita)**

[Anal fistulas] Cogolo L. **Minerva Chir** 1984 Oct 15; 39(19):1343-8 **(Ita)**

[Our experience in the field of anal fistulas] Di Bella F, et al. **Minerva Chir** 1985 Feb 15;40(3):155-7 (Eng. Abstr.) **(Ita)**

[Nylon-thread drainage and slow section with elastic band in the treatment of perianal fistulas with sphincter involvement] Nociti V, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):323-7 (Eng. Abstr.) **(Ita)**

[Late results of surgical treatment of rectal fistulae] Petrov VP, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):49-52 (Eng. Abstr.) **(Rus)**

[Sealing a fistulous tract during surgical treatment of chronic paraproctitis] Stepanov AA. **Khirurgiia (Mosk)** 1984 Nov; (11):128 **(Rus)**

[Formation of a urinary receptacle in a patient with a vesico-rectovaginal fistula] Bondar' GV, et al. **Urol Nefrol (Mosk)** 1985 Jan-Feb;(1):51-2 **(Rus)**

THERAPY

Anal fissures, abscesses and fistulae. Alternatives in the management of common anorectal conditions--2. Al-Breiki H, et al. **Trop Doct** 1985 Jul;15(3):108-10

VETERINARY

Anatomic predisposition to perianal fistulae formation in the German shepherd dog. Budsberg SC, et al. **Am J Vet Res** 1985 Jul;46(7):1468-72

RECTAL NEOPLASMS

Hepatic metastasis 17 years following resection of low-grade leiomyosarcoma of the rectum. Hanada M, et al. **Acta Pathol Jpn** 1985 Jan;35(1):243-9

Malignant rectal carcinoid: a sequential multidisciplinary approach for successful treatment of hepatic metastases. Azizkhan RG, et al. **Am J Surg** 1985 Feb;149(2):210-4

The implanted pump in metastatic colorectal cancer of the liver. Risk versus benefit. Johnson LP, et al. **Am J Surg** 1985 May;149(5):595-8

Hepatic resection for isolated metastasis from colorectal carcinoma. Petrelli NJ, et al. **Am J Surg** 1985 Feb; 149(2):205-9

Hepatic resection for metastatic colon and rectal cancer. An evaluation of preoperative and postoperative factors. Coppa GF, et al. **Ann Surg** 1985 Aug;202(2):203-8

Colorectal carcinoma in pregnancy. Nesbitt JC, et al. **Arch Surg** 1985 May;120(5):636-40

Endobronchial metastasis from colorectal carcinoma. Berg HK, et al. **Dis Colon Rectum** 1984 Nov;27(11):745-8

Treatment of colorectal cancer hepatic metastases by hepatic artery chemotherapy. Cohen AM, et al. **Dis Colon Rectum** 1985 Jun;28(6):389-93

Long-term survivors of colorectal cancer with unresectable hepatic metastases. Fujimoto S, et al. **Dis Colon Rectum** 1985 Aug;28(8):588-91

Subcutaneous metastases without visceral metastases from an adenocarcinoma of the rectum. Herrera-Ornelas L, et al. **Dis Colon Rectum** 1985 Jul;28(7):523-5

The totally implantable infusion pump in treatment of metastatic colorectal cancer. Oliver GC, et al. **Dis Colon Rectum** 1985 Jan;28(1):18-23

A prospective study of continuous hepatic perfusion with implantable pump. Riether RD, et al. **Dis Colon Rectum** 1985 Jan;28(1):24-6

Surgical resection of pulmonary metastases from colorectal adenocarcinoma. Wilking N, et al. **Dis Colon Rectum** 1985 Aug;28(8):562–4

Heterotopic gastric mucosa in the rectum. Castellanos D, et al. **Endoscopy** 1984 Sep;16(5):197–9

Carcinoma of rectosigmoid junction in a young child. Shukla B, et al. **J Indian Med Assoc** 1984 Jun;82(6):205–6

Colorectal cancer. Leffall LD Jr. **J Natl Med Assoc** 1985 Apr;77(4):265–8 (18 ref.)

Clinical trial of adjuvant chemotherapy after surgical resection of colorectal cancer metastatic to the liver. O'Connell MJ, et al. **Mayo Clin Proc** 1985 Aug;60(8):517–20

Carcinoma of the large bowel and its precursors. Proceedings of a conference. Detroit, September 27–28, 1984. **Prog Clin Biol Res** 1985;186:1–305

Colorectal cancer in Singapore: preliminary report of the Colorectal Cancer Project from the University Department of Surgery, NUS. Goh HS, et al. **Singapore Med J** 1985 Feb;26(1):65–72

[Surgical resection of hepatic metastases of colonic and rectal cancers. Apropos of 49 cases] Huguet C, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Feb–Mar;21(2):73–4 **(Fre)**

[Evaluation of the number of patients likely to require surgical treatment of hepatic metastases. Based on a series of 180 colorectal cancers] Zerbib M, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Feb–Mar;21(2):63–6 (Eng. Abstr.) **(Fre)**

[New possibilities in the treatment of hepatic metastasis of colo-rectal carcinomas] Hottenrott C, et al. **Minerva Chir** 1984 Nov 15;39(21):1495–7 (Eng. Abstr.) **(Ita)**

[Primary multiple cancer of the rectum] Bobrov MIa, et al. **Sov Med** 1984;(12):86–7 **(Rus)**

[A case of metastasis of hypernephroid cancer to the duodenum] Bondar IaIa, et al. **Vrach Delo** 1985 Mar;(3):87–8 **(Rus)**

[Incidence of benign and malignant diseases of the rectosigmoid from data of the Gastroenterology Department of the Internal Medicine Service––5 years' data] Naumov B, et al. **Med Pregl** 1984;37(7–8):293–8 (Eng. Abstr.) **(Scr)**

[Resection of hepatic metastasis of colorectal origin: personal experience] Camprodon R, et al. **Rev Esp Enferm Apar Dig** 1985 Mar;67(3):241–8 (Eng. Abstr.) **(Spa)**

ANALYSIS

Polyamines in colorectal cancer. Kingsnorth AN, et al. **Br J Surg** 1984 Oct;71(10):791–4

Immunohistochemical study of carcinoembryonic antigen in patients with colorectal cancer. Correlation with plasma carcinoembryonic antigen levels. Hamada Y, et al. **Cancer** 1985 Jan 1;55(1):136–41

Preservation of cytometric DNA distribution and epithelial marker expression after tumor progression of human large bowel carcinomas. Rognum TO, et al. **Cancer** 1985 Oct 1;56(7):1658–66

Orcein––a stain for mucins in colorectal carcinomas. Dev G, et al. **Indian J Cancer** 1984 May–Jun;21(2):68–70

Tissue CEA detection by immunoperoxidase (PAP) test in colorectal polyps: correlations with the degree of dysplasia. Amanti C, et al. **J Surg Oncol** 1985 Mar;28(3):222–6

[Significance of CEA in gastric and colorectal cancer] Uehara K, et al. **Nippon Geka Gakkai Zasshi** 1985 Apr;86(4):435–42 (Eng. Abstr.) **(Jpn)**

[Cyclic nucleotides in cancer, polyps of the large intestine and nonspecific colitis (a preliminary report)] Blokhina NG, et al. **Vestn Akad Med Nauk SSSR** 1985;(3):74–7 (Eng. Abstr.) **(Rus)**

BLOOD

Serum carcinoembryonic antigen and acute phase reactant proteins in the pre-operative detection of fixation of colorectal tumours. Durdey P, et al. **Br J Surg** 1984 Nov;71(11):881–4

Blood groups, sex, and frequency of colorectal carcinoma [letter] Mousseron-Canet MM. **Lancet** 1984 Oct 20;2(8408):926–7

[Value of radioimmunological serum levels of carcinoembryonic antigen in the postoperative monitoring of rectocolonic cancer] Reginster JY, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jul–Sep;20(4):203–6 (Eng. Abstr.) **(Fre)**

[The role of the association of the levels of carcinoembryonic antigen and triiodothyronine in cancer of the colon, rectum and breast] Păunescu V, et al. **Physiologie** 1985 Apr–Jun;22(2):153–9 **(Fre)**

[Erythrocyte membranes during malignant growth] Zhuravlev AK, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):596–8 (Eng. Abstr.) **(Rus)**

BLOOD SUPPLY

Severe alterations of red blood cells from the vessels of colorectal tumors. Djaldetti M, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):62–4

CHEMICALLY INDUCED

Ethanol and intestinal carcinogenesis in the rat. Seitz HK, et al. **Alcohol** 1985 May–Jun;2(3):491–4

Do sex hormones affect colorectal cancer? Davidson M, et al. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1868

Induction of colorectal adenocarcinoma in rats by amylopectin sulfate. Ishioka T, et al. **Cancer Lett** 1985 Apr;26(3):277–82

[An experimental model of cancer of the large intestine] Choluj B, et al. **Cas Lek Cesk** 1984 Aug 10;123(32):993–6 (Eng. Abstr.) **(Cze)**

[Multiple primary cancer of the large intestine associated with chemical burn of the rectum] Smirnov VE, et al. **Klin Khir** 1985 Feb;(2):47–8 **(Rus)**

CLASSIFICATION

[Classification and prognosis of colorectal cancers. Evaluation with multiparameter flow cytometry] Wirsching R, et al. **Fortschr Med** 1985 Jun 6;103(21):584–7 (Eng. Abstr.) **(Ger)**

COMPLICATIONS

Listeria monocytogenes sepsis and small cell carcinoma of the rectum: an unusual presentation of the acquired immunodeficiency syndrome. Read EJ, et al. **Am J Clin Pathol** 1985 Mar;83(3):385–9

Distribution of colorectal cancer in patients with and without ulcerative colitis. Slater G, et al. **Am J Surg** 1985 Jun;149(6):780–2

The management of carcinoma of the rectum presenting as an ischiorectal abscess. Avill R. **Br J Surg** 1984 Sep;71(9):665

Incidence of colorectal cancer in proctocolitis: a retrospective study of 959 cases over 40 years. Mařatka Z, et al. **Gut** 1985 Jan;26(1):43–9

Hartmann's pouch carcinoma. Lafreniere R, et al. **J Surg Oncol** 1985 May;29(1):26–7

No association between skin tags and colorectal adenomas [letter] Dalton AD, et al. **Lancet** 1985 Jun 8;1(8441):1332–3

Rectal carcinoma in a scorbutic patient [letter] Sussewell HL, et al. **South Med J** 1984 Sep;77(9):1215–6

[Yellow-nail syndrome. Review of the literature apropos of 2 cases associated with cancer] Levillain C, et al. **Ann Med Interne (Paris)** 1984;135(6):440–3 (Eng. Abstr.) **(Fre)**

[Diverticular disease and colo-rectal carcinoma. Pathogenetic and clinical considerations based on personal cases] Zelli GP, et al. **Ann Ital Chir** 1984;56(4):361–9 (Eng. Abstr.) **(Ita)**

[Neoplastic occlusions of the large intestine (clinical study)] Cabano F, et al. **Chir Ital** 1983 Oct;35(5):742–53 (Eng. Abstr.) **(Ita)**

[Generalized melanosis of the colon associated with multiple recto-colonic adenomas] Quiroli A, et al. **Minerva Med** 1984 Oct 13;75(39):2289–94 (Eng. Abstr.) **(Ita)**

[Ileus as a complication of colorectal carcinoma] Pelikán A, et al. **Rozhl Chir** 1984 Jul;63(7):509–14 (Eng. Abstr.) **(Slo)**

DIAGNOSIS

Detection of recurrent rectosigmoid carcinoma: prospective evaluation of CT and clinical factors. McCarthy SM, et al. **AJR** 1985 Mar;144(3):577–9

Adenocarcinoma of the colon in young patients: an analysis. Lauten SG. **Ala Med** 1984 Sep;54(3):18, 21

Stool blood testing for colorectal cancer [letter] Norfleet RG. **Arch Intern Med** 1985 May;145(5):954

A clinical approach to improving survival in colorectal cancer. Cowen AE, et al. **Aust Fam Physician** 1984 Jun;13(6):406–7, 410, 413

A comparison of an immunological faecal occult blood test Fecatwin sensitive/FECA EIA with Haemoccult in population screening for colorectal cancer. Armitage N, et al. **Br J Cancer** 1985 Jun;51(6):799–804

Immunological detection of occult blood in faeces in colorectal cancer [letter] St. John DJ, et al. **Br J Cancer** 1984 Dec;50(6):853–4

Faecal occult blood testing in the detection of colorectal cancer. Elliot MS, et al. **Br J Surg** 1984 Oct;71(10):785–6

Predictive value of rectal bleeding in screening for rectal and sigmoid polyps. Chapuis PH, et al. **Br Med J [Clin Res]** 1985 May 25;290(6481):1546–8

Missed tumors of the sacrum. Gross SW. **Bull Clin Neurosci** 1983;48:106–14

Fecal occult blood test [letter] Greegor DH. **CA** 1984 Nov–Dec;34(6):352–3

Symposium on outpatient anorectal procedures. Flexible fiberoptic sigmoidoscopy: an office procedure. Smith LE. **Can J Surg** 1985 May;28(3):233–6

Pneumatosis cystoides intestinalis simulating malignant colonic obstruction. Soutter DI, et al. **Can J Surg** 1985 May;28(3):272–3

Use and limitations of serum total and lipid-bound sialic acid concentrations as markers for colorectal cancer. Erbil KM, et al. **Cancer** 1985 Jan 15;55(2):404–9

Diagnostic delay in symptomatic colorectal cancer. Funch DP. **Cancer** 1985 Oct 15;56(8):2120–4

Synchronous and metachronous malignancies of the colon and rectum in Japan with special reference to a coexisting early cancer. Kaibara N, et al. **Cancer** 1984 Nov 1;54(9):1870–4

The diagnostic value of the hemoccult as a screening test in patients taking anticoagulants. Kewenter J, et al. **Cancer** 1984 Dec 15;54(12):3054–8

CEA tissue staining in colorectal cancer patients. A way to improve the usefulness of serial serum CEA evaluation. Midiri G, et al. **Cancer** 1985 Jun 1;55(11):2624–9

An immunologic test for fecal occult blood by counter immunoelectrophoresis. Higher sensitivity and higher positive reactions in colorectal cancer than single radial immunodiffusion and hemoccult test. Saito H, et al. **Cancer** 1985 Oct 1;56(7):1549–52

Occult blood testing in asymptomatic patients previously resected for colorectal cancer. Aste H, et al. **Cancer Detect Prev** 1984;7(4):237–40

Serum copper concentration no help in diagnosis of colorectal cancer? [letter] Putzki H, et al. **Clin Chem** 1985 Feb;31(2):352–3

Sensitivity of hemoccult testing in patients with colorectal carcinoma. Wexner SD, et al. **Dis Colon Rectum** 1984 Dec;27(12):775–6

Does flexible sigmoidoscopy have any justification as compared with complete colonoscopy. An analysis of cost-effectiveness and medical risks. Aberg T, et al. **Endoscopy** 1985 Jul;17(4):133–6

Accuracy of occult blood tests over a six-day period [letter] St John DJ, et al. **Eur J Surg Oncol** 1985 Jun;11(2):200–1

Occult blood in colorectal cancer [letter] **Gastroenterology** 1985 Sep;89(3):704–6

Occult blood screening [letter] Armitage NC, et al. **Gastroenterology** 1985 Oct;89(4):927

Unexplained episodes of fever: an early manifestation of colorectal carcinoma. Aderka D, et al. **Isr J Med Sci** 1985 May;21(5):421–4

Screening colorectal cancer: fecal occult blood tests. Boone WT. **J Miss State Med Assoc** 1985 Apr;26(4):95–7

Screening colorectal cancer––invasive measures. Boone WT. **J Miss State Med Assoc** 1985 May;26(5):125–8

Early diagnosis of colorectal cancer: a review. Hardcastle JD, et al. **J R Soc Med** 1984 Aug;77(8):673–6 (22 ref.)

Detection of recurrent cancer of the colon and rectum. Graffner H, et al. **J Surg Oncol** 1985 Feb;28(2):156–9

Rectal carcinoma: digital examination [letter] Barkhouse D. **Med J Aust** 1985 Apr 29;142(9):531

Digital examination for rectal carcinoma [letter] McDermott FT, et al. **Med J Aust** 1985 Mar 4;142(5):329

Immunochemical testing for faecal occult blood in patients with colorectal cancer. McDonald C, et al. **Med J Aust** 1985 Aug 19;143(4):141–3

Professional and public education about bowel cancer [editorial] Payne JE. **Med J Aust** 1985 Mar 18;142(6):338–9

The clinical value of Haemoccult and Fecatwin in the detection of colorectal neoplasia in hospital and general practice patients. Barrison IG, et al. **Postgrad Med J** 1985 Aug;61(718):701–4

Relative sensitivity of the fecal occult blood test and flexible sigmoidoscopy in detecting polyps. Demers RY, et al. **Prev Med** 1985 Jan;14(1):55–62

Screening for colorectal cancer: the rationale and a recent advance in the detection of fecal occult blood. Friend WG. **Prog Clin Biol Res** 1985;186:65–76

Hemoquant––an approach to screening for fecal occult blood. McGill DB, et al. **Prog Clin Biol Res** 1985;186:45–56

Colonoscopy: its application and merit. Stroehlein J. **Prog Clin Biol Res** 1985;186:121–32

Serial Hemoccult stool screening for colorectal cancer. Gardner SS, et al. **W Va Med J** 1985 Jan;81(1):5–10

[Giant condyloma acuminatum or Buschke-Löwenstein's tumor. Description of a case localized to the rectum] Jensen LS, et al. **Ugeskr Laeger** 1984 Sep 19;146(38):2875–6 (Eng. Abstr.) **(Dan)**

[Diagnosis of tumor recurrence following curative treatment of rectosigmoid cancers] Detry R, et al. **Acta Gastroenterol Belg** 1984 Jul–Aug;47(4):370–5 (Eng. Abstr.) **(Fre)**

[Use of the leukocyte adherence inhibition test in rectocolonic cancers] Bara J, et al. **Gastroenterol Clin Biol** 1984 Oct;8(10):733–5 **(Fre)**

[Rectal adenocarcinoma in adults under 35 years of age. Apropos of 37 cases] Lasser P, et al. **J Chir (Paris)** 1984 Jun–Jul;121(6–7):419–24 (Eng. Abstr.) **(Fre)**

[Role of endorectal echography in the diagnosis and surveillance of anorectal tumors (letter)] Sultan RA, et al. **Presse Med** 1984 Dec 8;13(44):2706–7 **(Fre)**

[Preoperative and postoperative measurement of carcinoembryonic antigen (CEA): a prognostic factor in surgically treated rectocolic neoplasms?] Reginster JY, et al. **Rev Med Liege** 1985 Feb 1;40(3):85–90 **(Fre)**

[Colorectal precancerous states. Diagnosis and monitoring] Singe CC, et al. **Dtsch Med Wochenschr** 1985 Jun 28;110(26):1043–6 **(Ger)**

[Polypoid processes of the colon and rectum] Ottenjann R. **Leber Magen Darm** 1983 Nov;13(6):251–3 (Eng. Abstr.) **(Ger)**

[Experience in the use of the tumor markers CEA, GICA and TPA in the postoperative monitoring of colorectal neoplasms] Morelli M, et al. **Minerva Med** 1985 Sep 15;76(34–35):1529–31 (Eng. Abstr.) **(Ita)**

[Screening for colo-rectal neoplasms by the study of fecal occult blood] Castiglione G, et al. **Quad Sclavo Diagn** 1984 Dec;20(4):440–50 (Eng. Abstr.) **(Ita)**

[Screening tests in large-intestinal neoplasms] Tomecki R. **Pol Tyg Lek** 1984 May 7;39(19):657–9 (19 ref.) **(Pol)**

[Our experience in the diagnosis and treatment of colorectal cancer] Oancea T, et al. **Rev Chir [Chir]** 1983 May–Jun;32(3):169–76 (Eng. Abstr.) **(Rum)**

[Use of the carcinoembryonic antigen in the diagnosis of colorectal cancer] Simici P, et al. **Rev Chir [Chir]** 1985 Jan-Feb;34(1):57-64 (Eng. Abstr.) (Rum)
[Multiple synchronous cancers of the colon and rectum] Simici P, et al. **Rev Chir [Chir]** 1984 Nov-Dec;33(6):401-8 (Eng. Abstr.) (Rum)
[Combined colonoscopic and radiometric diagnosis of recurrences of cancer of the large intestine] Poddubnyĭ BK, et al. **Klin Med (Mosk)** 1984 Jul;62(7):90-2 (Rus)
[Tumor markers in rectal cancer] Ozhiganov EL, et al. **Med Radiol (Mosk)** 1985 Jul;30(7):21-5 (Eng. Abstr.) (Rus)
[Early detection of rectal cancer in annual mass screening of the population] Kaĭrakbaev MK, et al. **Sov Med** 1985;(2):46-9 (Rus)
[Dispensarization of patients with neoplasms of the large intestine] Fedorov VD. **Sov Zdravookhr** 1984;(5):20-6 (Eng. Abstr.) (Rus)
[Difficulties and mistakes in the diagnosis of multiple primary tumors of the large intestine] Linchenko VI. **Vestn Khir** 1984 Nov;133(11):120-4 (Rus)
[Lymphosarcoma of the large intestine] Nemsadze GG, et al. **Vestn Khir** 1984 Oct;133(10):56-9 (Eng. Abstr.) (Rus)
[Value of determining casein kinase activity in the diagnosis of cancer of the large intestine] Vasil'ev VIu, et al. **Vrach Delo** 1985 Mar;(3):83-7 (Eng. Abstr.) (Rus)
[Malacoplakia of the colon and rectum] López Rivas L, et al. **Rev Clin Esp** 1985 Mar;176(4):204-6 (Eng. Abstr.) (Spa)
[Diagnostic delay in cancer of the colon and rectum: a prospective study between 1978 and 1982] Mate Jiménez J, et al. **Rev Esp Enferm Apar Dig** 1984 Oct;66(4):307-10 (Eng. Abstr.) (Spa)
[Primary ano-rectal melanoma, a new case] Pérez Blanco J, et al. **Rev Esp Enferm Apar Dig** 1985 Jan;67(1):77-80 (Eng. Abstr.) (Spa)
[Itching in the gluteal region as a symptom of malignancy?] Gisslén NG. **Lakartidningen** 1984 Nov 28;81(48):4541 (Swe)

DRUG THERAPY

Sequential methotrexate and 5-fluorouracil in the primary treatment of metastatic colorectal carcinoma. Ajani JA, et al. **Am J Clin Oncol** 1985 Feb;8(1):69-71
Phase II studies of mitoxantrone (dihydroxyanthracenedione) in the treatment of advanced colorectal carcinoma. DeSimone PA, et al. **Am J Clin Oncol** 1984 Oct;7(5):517-22
A phase II study of the combination, 1,3-bis(2-chloroethyl)-1-nitrosourea (BCNU) and N-(phosphonacetyl)-L-aspartate (PALA), in patients with advanced large bowel cancer. Rubin J, et al. **Am J Clin Oncol** 1984 Oct;7(5):523-5
A phase II study of chlorozotocin in advanced large bowel carcinoma. A cooperative study between two institutions. Schutt AJ, et al. **Am J Clin Oncol** 1984 Oct;7(5):507-11
Phase II trial of 1,2-diaminocyclohexane-(4-carboxyphthalato) platinum(II) (DACCP) in colorectal carcinoma. Sternberg C, et al. **Am J Clin Oncol** 1984 Oct;7(5):503-5
Combination chemotherapy with 5-fluorouracil, CCNU, and vincristine in metastatic colorectal carcinoma. Xavier AM, et al. **Am J Clin Oncol** 1984 Oct;7(5):513-5
Predicting tumor response in patients with colorectal hepatic metastases. Daly JM, et al. **Ann Surg** 1985 Sep;202(3):384-93
A randomized controlled trial of adjuvant portal vein cytotoxic perfusion in colorectal cancer. Taylor I, et al. **Br J Surg** 1985 May;72(5):359-63
Complications following postoperative combined radiation and chemotherapy in adenocarcinoma of the rectum and rectosigmoid. A randomized trial that failed. Sparsø BH, et al. **Cancer** 1984 Dec 1;54(11):2363-6
Doxifluridine (5'-dFUrd) in patients with advanced colorectal carcinoma. A phase II study. Fosså SD, et al. **Cancer Chemother Pharmacol** 1985;15(2):161-3
A phase II study of sequential methotrexate and fluorouracil in advanced colorectal cancer. Panasci L, et al. **Cancer Chemother Pharmacol** 1985;15(2):164-6
Oral vinzolidine as therapy for Kaposi's sarcoma and carcinomas of lung, breast, and colon/rectum. Sarna G, et al. **Cancer Chemother Pharmacol** 1985;14(1):12-4
A combination of 5-fluorouracil and thymidine in advanced colorectal carcinoma. Sternberg A, et al. **Cancer Chemother Pharmacol** 1984;13(3):218-22
Phase II evaluation of 4'-epi-doxorubicin in patients with metastatic colorectal carcinoma. Ajani JA, et al. **Cancer Treat Rep** 1984 Dec;68(12):1507-8
Eastern Cooperative Oncology Group phase II studies in advanced measurable colorectal cancer. I. Razoxane, Yoshi-864, piperazinedione, and lomustine. Douglass HO Jr, et al. **Cancer Treat Rep** 1985 May;69(5):543-5
Evaluation of a sequential 5-FU and hydroxyurea combination in advanced bowel cancer. Kao AK, et al. **Cancer Treat Rep** 1984 Nov;68(11):1383-5
Phase II trial of mitolactol in previously treated and untreated patients with advanced colorectal cancer: an Illinois Cancer Council trial. Locker GY, et al. **Cancer Treat Rep** 1984 Oct;68(10):1303-4
Phase I evaluation and pharmacokinetic study of weekly iv thymidine and 5-FU in patients with advanced colorectal carcinoma. Lynch G, et al. **Cancer Treat Rep** 1985 Feb;69(2):179-84
Phase II study of acivicin in colorectal carcinoma: a National Cancer Institute of Canada study. Maroun JA, et al. **Cancer Treat Rep** 1984 Sep;68(9):1121-3
Phase II trial of 4'-epi-doxorubicin in advanced colorectal carcinoma: a Northern California Oncology Group study. Meyers FJ, et al. **Cancer Treat Rep** 1985 Jan;69(1):143-4
Tamoxifen therapy and colorectal adenocarcinoma: a Southwest Oncology Group study. Panettiere FJ, et al. **Cancer Treat Rep** 1985 Jan;69(1):113-4
5-FU infusion in advanced colorectal cancer: a comparison of three dose schedules. Shah A, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):739-42
Treatment of metastatic colorectal carcinoma with cisplatin and 5-FU. Shepard KV, et al. **Cancer Treat Rep** 1985 Jan;69(1):123-4
Regional intra-arterial mitomycin C infusion in previously treated patients with metastatic colorectal cancer and concomitant measurement of serum drug level. Tseng MH, et al. **Cancer Treat Rep** 1984 Nov;68(11):1319-24
Mitomycin and methotrexate: negative experience in untreated colorectal carcinoma. Wernz JC, et al. **Cancer Treat Rep** 1985 Feb;69(2):223-4
Oral urea in the treatment of colo-rectal liver metastases. Hooper TL, et al. **Clin Oncol** 1984 Dec;10(4):341-4
Allopurinol mouthwashes and 5-fluorouracil induced oral toxicity. Clark PI, et al. **Eur J Surg Oncol** 1985 Sep;11(3):267-8
Chlorozotocin: results in colorectal carcinoma treated with high and low doses. A Southwest Oncology Group study. Haas CD, et al. **Invest New Drugs** 1984;2(4):401-4
Epirubicin in colorectal cancer. A phase II study of the early clinical trials group (EORTC). Holdener EE, et al. **Invest New Drugs** 1985;3(1):63-6
Phase II trial of 4'-epi-doxorubicin in metastatic colorectal carcinoma. Wils JA. **Invest New Drugs** 1984;2(4):397-9
Effects of steroid hormone therapy on primarily xenotransplanted human colorectal adenocarcinomas. Izbicki JR, et al. **J Cancer Res Clin Oncol** 1984;108(3):345-50
Clinical trial of sequential N-phosphonacetyl-L-aspartate, thymidine, and 5-fluorouracil in advanced colorectal carcinoma. O'Connell MJ, et al. **J Clin Oncol** 1984 Oct;2(10):1133-8
Therapy for metastatic colorectal cancer with hepatic artery infusion chemotherapy using a subcutaneous implanted pump. Shepard KV, et al. **J Clin Oncol** 1985 Feb;3(2):161-9
Pelvic intra-arterial mitomycin C infusion in previously treated patients with metastatic, unresectable, pelvic colorectal cancer and angiographic determination of tumor vascularity. Tseng MH, et al. **J Clin Oncol** 1985 Aug;3(8):1093-100
Phase II study of daunorubicin in previously untreated patients with advanced colorectal carcinoma. Harvey J, et al. **Med Pediatr Oncol** 1985;13(1):30-1
Colorectal cancer (Duke's group B2, C1, C2): adjuvant chemotherapy and toxicity. Caruso U, et al. **Mt Sinai J Med (NY)** 1985 Jun;52(6):470-2
High-dose vitamin C versus placebo in the treatment of patients with advanced cancer who have had no prior chemotherapy. A randomized double-blind comparison. Moertel CG, et al. **N Engl J Med** 1985 Jan 17;312(3):137-41
Ascorbic acid does not cure cancer. **Nutr Rev** 1985 May;43(5):146-7 (10 ref.)
Phase-I clinical trial of sodium cyanate in patients with advanced colorectal carcinoma. Herrera-Ornelas L, et al. **Oncology** 1985;42(4):236-41
Cholangitis complicating intraarterial chemotherapy in liver metastasis. Botet JF, et al. **Radiology** 1985 Aug;156(2):335-7
The risks of perioperative chemotherapy in large-bowel cancer surgery. Metzger U. **Recent Results Cancer Res** 1985;98:122-5
The need for pilot studies and surgery-only controls in adjuvant therapy trials for large-bowel cancer. Weber-Stadelmann W. **Recent Results Cancer Res** 1985;98:126-9
Prospective, randomized trial of intravenous versus intraperitoneal 5-fluorouracil in patients with advanced primary colon or rectal cancer. Sugarbaker PH, et al. **Surgery** 1985 Sep;98(3):414-22
Sequential combination chemotherapy with methotrexate and 5-fluorouracil in advanced colorectal carcinoma. Rabinovich MG, et al. **Tumori** 1984 Dec 31;70(6):549-53
[Morphologic, ultrastructural and histochemical changes in rectal cancer after intrarectal fluorouracil therapy] Zhou XG. **Chung Hua I Hsueh Tsa Chih** 1984 Sep;64(9):562-4 (Chi)
[Short intermittent arterial infusion in local chemotherapy of liver tumors and metastases] Aigner KR, et al. **Chirurg** 1984 Aug;55(8):494-8 (Ger)
[Intra-arterial chemotherapy using an implantable infusion pump in liver metastases of colorectal tumors and hepatomas] Balch CM, et al. **Chirurg** 1984 Aug;55(8):485-93 (Ger)
[Chemotherapy protocol for metastasizing colorectal carcinoma. Methotrexate, 5-fluorouracil and cytarabine] Dias Wickramanayake P, et al. **Dtsch Med Wochenschr** 1985 Mar 29;110(13):487-91 (Eng. Abstr.) (Ger)
[Phase II study of the water-soluble nitrosourea compound ACNU in advanced colorectal carcinomas] Fiebig HH, et al. **Onkologie** 1984 Dec;7(6):370-7 (Eng. Abstr.) (Ger)
[Chemotherapy of gastrointestinal cancer in the advanced stage with a combination of 5-fluorouracil, adriamycin, mitomycin C (FAM). A non-controlled study] Grieco A, et al. **Clin Ter** 1984 Aug 31;110(4):353-8 (Eng. Abstr.) (Ita)
[Up-date of the chemotherapy of carcinoma of the colo-rectum: our experience with 5-fluorouracil and folinic acid in high doses] Manguso L, et al. **Clin Ter** 1984 Aug 31;110(4):327-39 (Eng. Abstr.) (Ita)
[cis-Dichlorodiammine platinum (II) in the treatment of advanced colo-rectal cancer] Dozono H, et al. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1465-9 (Eng. Abstr.) (Jpn)
[Preoperative treatment with 5-fluorouracil (5-FU) in gastric and colorectal cancer] Kawaura Y, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):348-52 (Eng. Abstr.) (Jpn)
[Results of phase III study of lentinan] Taguchi T, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):366-78 (Eng. Abstr.) (Jpn)
[Evaluation of preoperative administration of N1-(2-tetrahydrofuryl)-5-fluorouracil (FT-207) suppository in surgical adjuvant chemotherapy for large bowel cancer] Takashima S, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2362-71 (Eng. Abstr.) (Jpn)
[Studies on the effects of adjuvant chemotherapy on the survival period of patients with colorectal carcinoma] Jo T. **Nippon Geka Gakkai Zasshi** 1985 Jun;86(6):697-708 (Eng. Abstr.) (Jpn)
[Chemotherapy of cancer of the large intestine] Platinskiĭ LV, et al. **Sov Med** 1985;(3):51-8 (60 ref.) (Rus)
[Adjuvant chemotherapy in colorectal carcinoma] Pelikán A. **Rozhl Chir** 1985 Jan;64(1):30-3 (Eng. Abstr.) (Slo)

ENZYMOLOGY

Value of serum-5-nucleotidase, alkaline phosphatase and gamma-glutamyl transferase for prediction of liver metastases preoperatively in colorectal cancer. Jönsson PE, et al. **Acta Chir Scand** 1984;150(5):419-23
Comparative levels of tissue enzymes concerned in the early metabolism of 5-fluorouracil in normal and malignant human colorectal tissue. Finan PJ, et al. **Br J Cancer** 1984 Nov;50(5):711-5
Free radical detoxifying systems in human colorectal cancer. Hoffman CE, et al. **Br J Cancer** 1985 Jan;51(1):127-9
The role of peptidases in cancer of the rectum and sigmoid colon. Durdey P, et al. **Br J Surg** 1985 May;72(5):378-81
Proteases in human tumors. Burtin P, et al. **Bull Cancer (Paris)** 1984;71(5):474-80
Effect of growth and sodium butyrate on brush border membrane-associated hydrolases in human colorectal cancer cell lines. Chung YS, et al. **Cancer Res** 1985 Jul;45(7):2976-82
Changes in serum cathepsin B-like activity in patients with colorectal cancer. Dufek V, et al. **Neoplasma** 1985;32(1):51-4

ETIOLOGY

De novo carcinoma of the rectum: a case report. Designan G, et al. **Am J Gastroenterol** 1985 Jul;80(7):553-6
Gastric surgery and the risk of subsequent colorectal cancer. Bundred NJ, et al. **Br J Surg** 1985 Aug;7(8):618-9
Do sex hormones affect colorectal cancer? [letter] **Br Med J [Clin Res]** 1985 Jul 13;291(6488):138
Intestinal cancer in Crohn's disease. Shorter RG. **Bull NY Acad Med** 1984 Dec;60(10):980-6 (14 ref.)
Risk of large-bowel cancer in synthetic fiber manufacture. Vobecky J, et al. **Cancer** 1984 Dec 1;54(11):2537-42
Squamous cell carcinoma of the rectal stump in a patient with ulcerative colitis. Report of a case and review of the literature. Mir-Madjlessi SH, et al. **Cleve Clin Q** 1985 Summer;52(2):257-61
The risk of developing rectal cancer after colectomy and ileorectal anastomosis in Danish patients with polyposis coli. Bülow S. **Dis Colon Rectum** 1984 Nov;27(11):726-9
The fate of the rectal stump after subtotal colectomy for ulcerative colitis. Oakley JR, et al. **Dis Colon Rectum** 1985 Jun;28(6):394-6
Local recurrence of rectal carcinoma after hand-sewn and stapled anastomoses. Rosen CB, et al. **Dis Colon Rectum** 1985 May;28(5):305-9
Adenocarcinoma and colitis cystica profunda in a radiation-induced colonic stricture. Valiulis AP, et al. **Dis Colon Rectum** 1985 Feb;28(2):128-31
Colorectal carcinoma in patients with Crohn's disease. Hamilton SR. **Gastroenterology** 1985 Aug;89(2):398-407
Schistosoma japonicum and colorectal cancer: an epidemiological study in the People's Republic of China. Xu Z, et al. **Int J Cancer** 1984 Sep 15;34(3):315-8
Cholecystectomy, cholelithiasis and colorectal carcinoma. Bundred NJ, et al. **J R Coll Surg Edinb** 1985 Apr;30(2):115-7
Age at first pregnancy and risk of colorectal cancer: a case-control study. Howe GR, et al. **JNCI** 1985 Jun;74(6):1155-9
Dietary relationships with fatal colorectal cancer among Seventh-Day Adventists. Phillips RL, et al. **JNCI** 1985 Feb;74(2):307-17
Dietary vitamin D and calcium and risk of colorectal cancer: a 19-year prospective study in men. Garland C, et al. **Lancet** 1985 Feb 9;1(8424):307-9

Dietary vitamin D and calcium and risk of colorectal cancer [letter] Heilbrun LK, et al. **Lancet** 1985 Apr 20;1(8434):925

Case for diagnosis: poorly differentiated 'signet-ring' adenocarcinoma. Patel KD. **Milit Med** 1985 Apr; 150(4):218-20

Overview of epidemiology and risk factors associated with colorectal cancer. DeCosse JJ, et al. **Prog Clin Biol Res** 1985;186:1-12

Colorectal cancer in Crohn's colitis and other large intestinal diseases: is there a dysplasia-carcinoma sequence? Shorter RG. **Prog Clin Biol Res** 1985;186:91-101

Lack of relationship between cholecystectomy and colorectal cancer. A case control autopsy study in a defined population. Eriksson SG, et al. **Scand J Gastroenterol** 1984 Oct;19(7):977-82

The identification of high risk populations. Lipkin M. **Scand J Gastroenterol [Suppl]** 1984;104:91-7

[Radiation-induced colorectal cancer. A review and 4 case reports] Harling H. **Ugeskr Laeger** 1984 Nov 19; 146(47):3655-8 (Eng. Abstr.) **(Dan)**

[Risk of colorectal cancer after cholecystectomy] Preitner J, et al. **Helv Chir Acta** 1985 Apr;52(1):127-30 (Eng. Abstr.) **(Fre)**

[Significance of biliary lithiasic pathology in the etiopathogenesis of carcinoma of the large intestine] Tocchi A, et al. **Chir Ital** 1983 Dec;35(6):898-910 (Eng. Abstr.) **(Ita)**

[Development of tumors in the area of rectal fistulae] Kharaberiush VA, et al. **Klin Khir** 1985 May;(5):57 **(Rus)**

[Cholecystectomy and colorectal adenocarcinoma] Mamianetti A, et al. **Acta Gastroenterol Latinoam** 1983; 13(4):705-9 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Colonoscopy in asymptomatic individuals with a family history of colorectal cancer. Love RR, et al. **Arch Intern Med** 1984 Nov;144(11):2209-11

Pancreatic carcinoma and hereditary nonpolyposis colorectal cancer: a family study. Lynch HT, et al. **Br J Cancer** 1985 Aug;52(2):271-3

Rectal sparing in familial polyposis coli. Dick JA, et al. **Br J Surg** 1984 Sep;71(9):664

Hereditary nonpolyposis colorectal cancer (Lynch syndromes I and II). II. Biomarker studies. Lynch HT, et al. **Cancer** 1985 Aug 15;56(4):939-51

Hereditary nonpolyposis colorectal cancer (Lynch syndromes I and II). I. Clinical description of resource. Lynch HT, et al. **Cancer** 1985 Aug 15;56(4):934-8

Evaluation of chromosomal diagnosis for hereditary adenomatosis of the colorectum. Gardner EJ, et al. **Cancer Genet Cytogenet** 1985 Feb 15;15(3-4):321-34

Increased levels of spontaneous and mutagen-induced chromosome aberrations in skin fibroblasts from patients with adenomatosis of the colon and rectum. Heim S, et al. **Cancer Genet Cytogenet** 1985 Aug;17(4):333-46

Constitutional C-band pattern in patients with adenomatosis of the colon and rectum. Heim S, et al. **Cancer Genet Cytogenet** 1985 Sep;18(1):31-5

Cytogenetic and cytokinetic analysis of lymphocytes from patients with hereditary adenomatosis of the colon and rectum. Kasukawa T, et al. **Cancer Genet Cytogenet** 1985 Mar 1;16(1):73-9

Hereditary nonpolyposis colorectal cancer in a Navajo Indian family. Lynch HT, et al. **Cancer Genet Cytogenet** 1985 Feb 15;15(3-4):209-13

Cytogenetic study of patients with carcinoma of the colon and rectum: particular C-band variants as possible markers for cancer proneness. Shabtai F, et al. **Cancer Genet Cytogenet** 1985 Jan 15;14(3-4):235-45

Flow cytometric detection of aneuploidy in colorectal adenomas. van den Ingh HF, et al. **Cancer Res** 1985 Jul; 45(7):3392-7

Colorectal cancer in a nuclear family. Familial or hereditary? Lynch HT, et al. **Dis Colon Rectum** 1985 May;28(5):310-6

Adenomatous polyps and familial incidence of colorectal cancer. Aste H, et al. **Eur J Cancer Clin Oncol** 1984 Nov; 20(11):1401-3

A colon cancer cell line (LIM1215) derived from a patient with inherited nonpolyposis colorectal cancer. Whitehead RH, et al. **JNCI** 1985 Apr;74(4):759-68

Genetic and familial factors in colorectal cancer. Ushio K. **Jpn J Clin Oncol** 1985 Apr;15 Suppl 1:281-98

Dominant inheritance of adenomatous colonic polyps and colorectal cancer. Burt RW, et al. **N Engl J Med** 1985 Jun 13;312(24):1540-4

Expression of p21ras in fresh primary and metastatic human colorectal tumors. Gallick GE, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1795-9

Mandibular osteomas in colorectal cancer. Søndergaard JO, et al. **Scand J Gastroenterol** 1985 Aug;20(6):759-61

[Rearrangement of the chromosome 17 in colonic adenocarcinoma] Muleris M, et al. **C R Acad Sci [III]** 1985; 300(8):315-8 (Eng. Abstr.) **(Fre)**

[Disseminated familial rectocolic adenomatous polyposis] Repetto L, et al. **Minerva Chir** 1984 Jun 15;39(11):875-82 (Eng. Abstr.) **(Ita)**

[Turcot's syndrome. Report of a case of familial diffuse polyposis associated with cerebral tumor] de Sanctis C, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun; 31(2):333-7 (Eng. Abstr.) **(Ita)**

[Diffuse familial polyposis of the large intestine] Rivkin VL, et al. **Klin Med** (Mosk) 1985 Feb;63(2):106-10 **(Rus)**

IMMUNOLOGY

CEA-directed second-look surgery in the asymptomatic patient after primary resection of colorectal carcinoma. Martin EW Jr, et al. **Ann Surg** 1985 Sep;202(3):310-7

Tissue antigens in large-bowel carcinoma. Arends JW, et al. **Biochim Biophys Acta** 1985;780(1):1-19 (199 ref.)

Results of a 400-patient carcinoembryonic antigen second-look colorectal cancer study. Minton JP, et al. **Cancer** 1985 Mar 15;55(6):1284-90

Studies on circulating antibody against carcinoembryonic antigen (CEA) and CEA-like antigen in cancer patients. Ura Y, et al. **Cancer Lett** 1985 Jan;25(3):283-95

Full expression of blood group-related, transplantation-related, and carcinoembryonic antigens in human colorectal cancer cells with different degrees of phenotypic differentiation. Drewinko B, et al. **Cancer Res** 1985 Apr;45(4):1560-4

Generation of tumor cell-reactive human monoclonal antibodies using peripheral blood lymphocytes from actively immunized colorectal carcinoma patients. Haspel MV, et al. **Cancer Res** 1985 Aug;45(8):3951-61

Comparative immunoperoxidase demonstration of T-antigens in human colorectal carcinomas and morphologically abnormal mucosa. Orntoft TF, et al. **Cancer Res** 1985 Jan; 45(1):447-52

Circulating immune complexes (CIC), carcinoembryonic antigen (CEA) and CIC containing CEA as markers for colorectal cancer. Chester KA, et al. **Clin Exp Immunol** 1984 Dec;58(3):685-93

Effects of age, gender, and cigarette smoking on human immunoregulatory T-cell subsets: establishment of normal ranges and comparison with patients with colorectal cancer and multiple sclerosis. Burton RC, et al. **Diagn Immunol** 1983;1(3):216-23

Immunohistochemical demonstration of IgA and secretory component in relation to epithelial cell differentiation in normal colorectal mucosa and metaplastic polyp: a semiquantitative study. Jass JR, et al. **Histochem J** 1985 Mar;17(3):373-80

Detection of monoclonal antibody-defined colorectal carcinoma antigen by solid-phase binding inhibition radioimmunoassay. Chang TH, et al. **Hybridoma** 1981; 1(1):37-45

Monoclonal antibodies to human colorectal tumor-associated antigens: improved elicitation and subclass restriction. Morgan AC Jr, et al. **Hybridoma** 1984 Fall;3(3):233-45

Mitogen-induced gamma interferon production in peripheral blood lymphocytes from patients with colorectal tumors. Müller DS, et al. **Immunobiology** 1984 May;166(4-5):494-9

Leukocyte adherence inhibition (LAI) for detecting specific tumor immunity in colorectal cancer. Fink A, et al. **Immunol Lett** 1985;9(2-3):143-7

Monocytes and other infiltrating cells in human colorectal tumours identified by monoclonal antibodies. Allen C, et al. **Immunology** 1985 Jun;55(2):289-99

Gastrointestinal carcinoma-associated antigen detected by a monoclonal antibody in dysplasia and adenocarcinoma associated with chronic ulcerative colitis. Olding LB, et al. **Int J Cancer** 1985 Aug 15;36(2):131-6

In situ subpopulations of lymphocytes in human colorectal carcinomas. Lennard TW, et al. **Invasion Metastasis** 1984; 4 Suppl 1:60-6

Epithelial markers in prostatic, bladder, and colorectal cancer: an immunoperoxidase study of epithelial membrane antigen, carcinoembryonic antigen, and prostatic acid phosphatase. Heyderman E, et al. **J Clin Pathol** 1984 Dec; 37(12):1363-9

Increased sensitivity in detecting tumor-associated antigens in sera of patients with colorectal carcinoma. Herlyn M, et al. **J Immunol Methods** 1984 Dec 14;75(1):15-21

Prognostic value of preoperative serum CEA level compared to clinical staging: III. An approach to scoring of prognostic factors in colorectal cancer. Brümmendorf T, et al. **J Surg Oncol** 1985 Apr;28(4):263-9

Immune capability of rats with colorectal carcinoma treated by resection with or without 5-fluorouracil or levamisole. House AK, et al. **J Surg Oncol** 1984 Nov;27(3):172-8

Expression of carbohydrate antigen 19-9 and stage-specific embryonic antigen 1 in nontumorous and tumorous epithelia of the human colon and rectum. Gong E, et al. **JNCI** 1985 Sep;75(3):447-54

Carcinoma-specific Ulex europaeus agglutinin-I binding glycoproteins of human colorectal carcinoma and its relation to carcinoembryonic antigen. Matsushita Y, et al. **JNCI** 1985 Aug;75(2):219-26

Expression of histocompatibility antigens and characterization of mononuclear cell infiltrates in normal and neoplastic colorectal tissues of humans. Umpleby HC, et al. **JNCI** 1985 Jun;74(6):1161-8

A method for T-antigen demonstration by a polyclonal antibody and peanut lectin; elimination of cross-reaction with naturally occurring antibodies. Orntoft TF. **Virchows Arch [A]** 1984;404(2):159-66

[Relation among different types of rectal cancer classified by traditional Chinese medicine from the observations on immunological function] Xu JP, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):92-4, 67 (Eng. Abstr.) **(Chi)**

[Inhibition of the adherence of leukocytes labelled with Cr-51 in colorectal cancer] Mounielou PM, et al. **Gastroenterol Clin Biol** 1984 Oct;8(10):736-41 (Eng. Abstr.) **(Fre)**

[Carcinoembryonic antigen in intestinal lavage fluids and the tissue of colorectal tumors] Beaudonnet A, et al. **Pathol Biol (Paris)** 1985 Jan;33(1):9-14 (Eng. Abstr.) **(Fre)**

[Immunologic profile of patients with carcinoma of the colorectum in the aged] Melita P, et al. **Chir Ital** 1983 Oct; 35(5):623-33 (Eng. Abstr.) **(Ita)**

[Prognostic value of CEA in postoperative monitoring of colorectal cancers] Cossu F, et al. **Minerva Med** 1984 Oct 20;75(40):2373-80 (Eng. Abstr.) **(Ita)**

[Clinical evaluation of CEA in colorectal carcinoma] Shimoyama T, et al. **Gan No Rinsho** 1985 May;31(6 Suppl):648-54 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of serum tissue polypeptide antigen (TPA) in patients with colo-rectal cancer] Yukawa H, et al. **Nippon Geka Hokan** 1984 Mar 1;53(2):433-6 (Eng. Abstr.) **(Jpn)**

[Clinical significance of tissue polypeptide antigen in colorectal cancer] Uehara Y, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Aug;81(8):1767-72 (Eng. Abstr.) **(Jpn)**

[Functional and histochemical parameters of the neutrophil state in patients with malignant tumors] Berezhnaia NM, et al. **Eksp Onkol** 1984;6(4):49-52 (Eng. Abstr.) **(Rus)**

[Status of T-system immunity in patients with chronic diseases and cancer of the gastrointestinal tract] Movsesian KS, et al. **Vopr Onkol** 1985;31(1):60-3 (Eng. Abstr.) **(Rus)**

METABOLISM

Heterogeneous oxygenation of rectal carcinomas in humans: a critical parameter for preoperative irradiation? Wendling P, et al. **Adv Exp Med Biol** 1984;180:293-300

Selective toxicity of 1-naphthol to human colorectal tumour tissue. Wilson GD, et al. **Br J Cancer** 1985 Jun;51(6):853-63

The permeability of normal, adenomatous, ulcerative colitic and malignant large bowel epithelial cell membranes to inulin. Chambers TJ, et al. **Br J Exp Pathol** 1985 Jun; 66(3):309-15

Glucose metabolism in cachectic patients with colorectal cancer. Holroyde CP, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5910-3

Unscheduled DNA synthesis in mononuclear leukocytes from patients with colorectal polyps. Pero RW, et al. **Cancer Res** 1985 Jul;45(7):3388-91

Effect of deoxycholic acid on the tumour incidence, distribution, and receptor status of colorectal cancer in the rat model. Summerton J, et al. **Digestion** 1985;31(2-3):77-81

Immunohistochemical localization of adenosine deaminase complexing protein in intestinal mucosa and in colorectal adenocarcinoma as a marker for tumour cell heterogeneity. Ten Kate J, et al. **Histochem J** 1985 Jan;17(1):23-31

'Transitional mucosa' [letter] Filipe MI. **Histopathology** 1984 Jul;8(4):707-8

Biodistribution of 6-[211At]astato-2-methyl-1,4-naphthoquinol bis(diphosphate salt) and 211At- in mice with a transplanted rectal adenocarcinoma. Brown I, et al. **Int J Appl Radiat Isot** 1984 Sep;35(9):843-7

Fecal skatole and indole and breath methane and hydrogen in patients with large bowel polyps or cancer. Karlin DA, et al. **J Cancer Res Clin Oncol** 1985;109(2):135-41

Cytomegalovirus DNA in colorectal carcinoma tissues. Rüger R, et al. **Klin Wochenschr** 1985 May 2;63(9):405-8

Biochemical approaches to the intervention of large bowel cancer. Hill MJ. **Prog Clin Biol Res** 1985;186:263-76

Histochemistry of epithelial metaplasia and dysplasia in human stomach and colorectum. Jass JR, et al. **Scand J Gastroenterol [Suppl]** 1984;104:109-30

A histochemical method that predicts local recurrence after curative resection in carcinoma of the colon and rectum. Habib N, et al. **Surg Gynecol Obstet** 1984 Nov;159(5):436-8

[Histochemical study of the O-acetylated variant of sialomucin in adenocarcinoma of the rectocolon and in lymph node metastases] Fulcheri E, et al. **Pathologica** 1984 Jul-Aug;76(1044):443-51 (Eng. Abstr.) **(Ita)**

[A case of alpha-fetoprotein producing rectal cancer] Noda H, et al. **Nippon Geka Gakkai Zasshi** 1984 Jun;85(6):616-20 (Eng. Abstr.) **(Jpn)**

[Content of cyclic nucleotides, cholesterol and phospholipids in tumors of the large intestine] Bershtein LM, et al. **Vopr Onkol** 1985;31(2):50-4 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Composition of, and cholate transformation by, the predominant fecal flora of patients with colon or rectal cancer and matched controls. Edenharder R, et al. **Prog Clin Biol Res** 1985;181:305-9

MORTALITY

Asbestos disease in sheet metal workers: the results of a proportional mortality analysis. Zoloth S, et al. **Am J Ind Med** 1985;7(4):315-21

Late ovarian metastases in carcinoma of the colon and rectum. Morrow M, et al. **Arch Surg** 1984 Dec; 119(12):1385-8

Metastatic 'early' colorectal cancer. Cuthbertson AM, et al. **Aust NZ J Surg** 1984 Dec;54(6):549-51

Cancer of the colon and rectum: 30-year follow-up study.

Wright CJ. **Can J Surg** 1985 Jul;28(4):311-4

The role of gender and other factors in the prognosis of young patients with colorectal cancer. Petrek JA, et al. **Cancer** 1985 Aug 15;56(4):952-5

Relationship of symptom duration and survival in patients with carcinoma of the colon and rectum. Khubchandani M. **Dis Colon Rectum** 1985 Aug;28(8):585-7

Major colorectal cancer aetiological hypotheses do not explain mortality trends among Maori and non-Maori New Zealanders. Smith AH, et al. **Int J Epidemiol** 1985 Mar; 14(1):79-85

Trends in lung, stomach, breast and colorectal cancer in the Republic of Ireland. Corridan JP, et al. **Ir J Med Sci** 1984 Nov;153(11):374-80

Long survival after ovarian and hepatic metastasis from carcinoma of the large bowel: report of a case. Herrera-Ornelas L, et al. **J Surg Oncol** 1984 Nov; 27(3):196-8

Multivariate analysis of prognostic factors for operable rectal cancer. Freedman LS, et al. **Lancet** 1984 Sep 29; 2(8405):733-6

Geographic distribution and demographic correlates of colorectal cancer mortality in Sydney, New South Wales. Dent O, et al. **Soc Sci Med** 1984;19(4):433-9

[Cancer of the rectum. Clinical and anatomopathological study and factors in survival] Araujo Teixeira AM, et al. **Chirurgie** 1985;111(2):180-8 (Eng. Abstr.) **(Fre)**

[Incidence and regional distribution of colorectal cancers in Austria] Hanusch J, et al. **Wien Klin Wochenschr** 1985 May 10;97(10):456-60 (Eng. Abstr.) **(Ger)**

[Analysis of trends in stomach and intestinal cancer mortality in Austria] Vutuc C, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec; 179(6):586-95 (Eng. Abstr.) **(Ger)**

[Epidemiology of colorectal tumors with special reference to the status in East Germany] Haas JF, et al. **Zentralbl Chir** 1985;110(2-3):76-9 (Eng. Abstr.) **(Ger)**

[Survival in a sample of patients operated on for carcinoma of the colorectum] Abeatici S, et al. **Chir Ital** 1983 Dec; 35(6):831-42 (Eng. Abstr.) **(Ita)**

[Prognostic factors in adenocarcinoma of the colon and rectum] Yoshimura H, et al. **Gan No Rinsho** 1985 Jul; 31(8):937-43 (Eng. Abstr.) **(Jpn)**

[Prediction of 2 years' survival of patients with cancer of the colon and rectum after radical surgery] Blokhina NG, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):62-7 (Eng. Abstr.) **(Rus)**

[Individual prognosis of 3-year survival in patients subjected to radical surgery for colonic cancer] Blokhina NG, et al. **Vopr Onkol** 1984;30(11):52-6 (Eng. Abstr.) **(Rus)**

[Characteristics of mortality due to cancer of the colon and rectum in Serbia exclusive of the autonomous regions] Jarebinski M, et al. **Vojn sanit Pregl** 1984 Nov-Dec; 41(6):492-5 **(Scr)**

[Experiences with rectal cancer in routine health care. Lack of preoperative macroscopic spreading of cancer gives a better 5-year survival of patients] Lindholm A, et al. **Lakartidningen** 1985 Jan 16;82(3):105-7 **(Swe)**

OCCURRENCE

Risk and screening for colorectal cancer. Winawer SJ, et al. **Adv Intern Med** 1984;30:471-96 (69 ref.)

Colorectal polyps in pattern makers [letter] Demers RY, et al. **Am J Gastroenterol** 1984 Oct;79(10):805

Colorectal cancer screening. Faecal occult blood tests. McDonald C. **Aust Fam Physician** 1985 Apr;14(4):273, 276-7

Geographical variations in the incidence of colorectal cancer in Britain. Barker DJ, et al. **Br J Cancer** 1984 Nov; 50(5):693-8

Different age and sex relationship for cancer of subsites of the large bowel. Jensen OM. **Br J Cancer** 1984 Dec; 50(6):825-9

Incidence of synchronous and metachronous colorectal carcinoma. Cunliffe WJ, et al. **Br J Surg** 1984 Dec; 71(12):941-3

Sex differences in the changing anatomic distribution of colorectal carcinoma. Vobecky J, et al. **Cancer** 1984 Dec 15;54(12):3065-9

Cancer of the colon and rectum in Zimbabweans. Stein CM, et al. **Cent Afr J Med** 1985 May;31(5):88-92

Cost benefits of hemoccult screening for colorectal carcinoma. Allison JE, et al. **Dig Dis Sci** 1985 Sep; 30(9):860-5

Colorectal cancer as a disease of the environment. Boyle P, et al. **Ecol Dis** 1983;2(4):241-8

Descriptive epidemiology of colorectal cancer. Boyle P, et al. **Int J Cancer** 1985 Jul 15;36(1):9-18

Colorectal cancer in a rural population. Horgan K, et al. **Ir J Med Sci** 1984 Aug;153(8):279-81

Colorectal carcinoma: epidemiology and risk factors. Freed N. **J Am Osteopath Assoc** 1984 Nov;84(3):269-75

Recruitment of subjects for fecal occult blood screening: a comparison of two methods in Jerusalem. Slater PE, et al. **J Clin Gastroenterol** 1985 Feb;7(1):51-4

Essential aspects of a medical screening program [letter] Demers RY, et al. **J Occup Med** 1985 Jan;27(1):6-7

Screening for colorectal cancer. Knoepp LF Jr. **J SC Med Assoc** 1985 Jul;81(7):383-5

Calcium and vitamin D intakes influence the risk of bowel cancer in men. **Nutr Rev** 1985 Jun;43(6):170-2

Large bowel cancer survey: preliminary results [letter] Alley PG, et al. **NZ Med J** 1985 Aug 14;98(784):653

Overview of epidemiology and risk factors associated with colorectal cancer. DeCosse JJ, et al. **Prog Clin Biol Res** 1985;186:1-12

Epidemiology of polyps in the rectum and sigmoid colon. Design of a population screening study. Hoff G, et al. **Scand J Gastroenterol** 1985 Apr;20(3):351-5

Epidemiology of polyps in the rectum and sigmoid colon. Endoscopic evaluation of size and localization of polyps. Hoff G, et al. **Scand J Gastroenterol** 1985 Apr;20(3):356-60

Epidemiology of polyps in the rectum and sigmoid colon. Histological examination of resected polyps. Hoff G, et al. **Scand J Gastroenterol** 1985 Aug;20(6):677-83

Screening for occult fecal blood: results of an initial voluntary community screening campaign. Jones FE, et al. **Wis Med J** 1984 May;83(5):24-8

[Multiple primary malignant lesions in colorectal carcinoma] Mo SJ, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Apr; 23(4):203-5, 252 (Eng. Abstr.) **(Chi)**

[Diet and rectocolonic cancers. Results of a case-control study] Berta JL, et al. **Gastroenterol Clin Biol** 1985 Apr; 9(4):348-53 (Eng. Abstr.) **(Fre)**

[Multiple cancers of the colon and rectum. Incidence and results of surgical treatment] Moreaux J, et al. **Gastroenterol Clin Biol** 1985 Apr;9(4):336-41 (Eng. Abstr.) **(Fre)**

[Adenocarcinoma of the colon and rectum. A population study] Eri LM, et al. **Tidsskr Nor Laegeforen** 1985 Mar 30;105(9-10):665-8 (Eng. Abstr.) **(Nor)**

[The importance of diet in the epidemiology of cancer of the colon and rectum] Lopes E da C, et al. **Rev Saude Publica** 1984 Oct;18(5):405-10 (Eng. Abstr.) **(Por)**

[Polyps of the rectum and colon in children] Ramírez-Mayans JA, et al. **Bol Med Hosp Infant Mex** 1984 Aug;41(8):437-41 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Histopathological and immunohistochemical study of neuroendocrine tumors of the rectum. Shimoda T, et al. **Acta Pathol Jpn** 1984 Sep;34(5):1059-77

Nuclear DNA record in a malignant rectal carcinoid. A case report. Wilander E, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Sep; 92(5):339-43

Computed tomography in staging of rectal carcinoma. Adalsteinsson B, et al. **Acta Radiol [Diagn] (Stockh)** 1985 Jan-Feb;26(1):45-55

Ultrasound in preoperative staging of rectal tumours. Påhlman L, et al. **Acta Radiol [Diagn] (Stockh)** 1984; 25(6):489-94

Contributions of pathologic margins and Dukes' stage to local recurrence in colorectal carcinoma. Devereux DF, et al. **Am J Surg** 1985 Mar;149(3):323-6

Cronkhite-Canada syndrome associated with a rectal cancer and adenomatous changes in colonic polyps. Katayama Y, et al. **Am J Surg Pathol** 1985 Jan;9(1):65-71

Hepatic resection of colorectal metastases. Influence of clinical factors and adjuvant intraperitoneal 5-fluorouracil via Tenckhoff catheter on survival. August DA, et al. **Ann Surg** 1985 Feb;201(2):210-8

Small-cell undifferentiated carcinoma of the rectosigmoid colon. Schwartz AM, et al. **Arch Pathol Lab Med** 1985 Jul;109(7):629-32

Metastatic carcinoma in the extradural space [letter] Pedersen J, et al. **Br J Anaesth** 1985 Sep;57(9):935

Clinico-pathological features of prognostic significance in operable rectal cancer in 17 centres in the U.K. (Third report of the M.R.C. Trial, on behalf of the Working Party). **Br J Cancer** 1984 Oct;50(4):435-42

Stage of colorectal carcinoma and rate of blood loss [letter] Fromer D, et al. **Br J Cancer** 1985 Aug;52(2):285-6

Selective killing of contaminating human fibroblasts in epithelial cultures derived from colorectal tumours using an anti Thy-1 antibody-ricin conjugate. Paraskeva C, et al. **Br J Cancer** 1985 Jan;51(1):131-4

Heterogeneity of colorectal adenocarcinomas evaluated by flow cytometry and histopathology. Quirke P, et al. **Br J Cancer** 1985 Jan;51(1):99-106

Carcinoma of the rectum and anal canal with inguinal lymph node metastases--long term survival. Avill R. **Br J Clin Pract** 1984 Sep;38(9):324-5

The effect of malignant and inflammatory fixation of rectal carcinoma on prognosis after rectal excision. Durdey P, et al. **Br J Surg** 1984 Oct;71(10):787-90

Prognostic factors and in vitro cytotoxic sensitivity in colorectal cancer. Trotter GA, et al. **Br J Surg** 1984 Dec; 71(12):944-6

Viability of exfoliated colorectal carcinoma cells. Umpleby HC, et al. **Br J Surg** 1984 Sep;71(9):659-63

Lymphatic dissemination of hepatic metastases. Implications for the follow-up and treatment of patients with colorectal cancer. August DA, et al. **Cancer** 1985 Apr 1;55(7):1490-4

Cell kinetic indicators of premalignant stages of colorectal cancer. Bleiberg H, et al. **Cancer** 1985 Jul 1;56(1):124-9

Female gender is a major determinant of changing subsite distribution of colorectal cancer with age. Butcher D, et al. **Cancer** 1985 Aug 1;56(3):714-6

Experience with continuous regional chemotherapy and hepatic resection as treatment of hepatic metastases from colorectal primaries. A prospective randomized study. Kemeny MM, et al. **Cancer** 1985 Mar 15;55(6):1265-70

Colon carcinoma in children and adolescents. A review of 30 cases. Rao BN, et al. **Cancer** 1985 Mar 15;55(6):1322-6

The histopathology of bleeding from polyps and carcinomas of the large intestine. Sobin LH. **Cancer** 1985 Feb 1; 55(3):577-81

Establishment and characterization of human colorectal cancer cell lines. McBain JA, et al. **Cancer Res** 1984 Dec; 44(12 Pt 1):5813-21

Growth kinetics of human colorectal carcinoma. Ota DM, et al. **Cancer Res** 1985 May;45(5):2128-31

Vindesine as a stathmokinetic agent in human rectal tumours in organ culture. Pritchett CJ, et al. **Cell Tissue Kinet** 1985 May;18(3):273-7

The evolution of colorectal carcinoma. Morson BC. **Clin Radiol** 1984 Nov;35(6):425-31

Primary melanoma of the anorectal region. Report of two cases. Spagnoli I, et al. **Diagn Imag Clin Med** 1984; 53(6):302-5

Adenosquamous carcinoma of the colon. Cerezo L, et al. **Dis Colon Rectum** 1985 Aug;28(8):597-603

The relationship between different staging methods and survival in colorectal carcinoma. Chapuis PH, et al. **Dis Colon Rectum** 1985 Mar;28(3):158-61

Staging of colorectal cancer. The Australian clinico-pathological staging (ACPS) system compared with Dukes' system. Davis NC, et al. **Dis Colon Rectum** 1984 Nov;27(11):707-13

Preoperative staging of rectal cancer by intrarectal ultrasound. Hildebrandt U, et al. **Dis Colon Rectum** 1985 Jan;28(1):42-6

Coexisting primary malignant lymphoma and adenocarcinoma of the large intestine in an IgA-deficient boy. Mir-Madjlessi SH, et al. **Dis Colon Rectum** 1984 Dec; 27(12):822-4

Stem cell carcinoma of the colon and rectum. Report of two cases and review of the literature. Palvio DH, et al. **Dis Colon Rectum** 1985 Jun;28(6):440-5

Multiple primary malignant tumors involving the large bowel. Shah IA, et al. **Dis Colon Rectum** 1984 Dec; 27(12):798-802

Small-cell carcinoma of the rectum. Clinicopathologic study. Shirouzu K, et al. **Dis Colon Rectum** 1985 Jun;28(6):434-9

Metastasis to the parotid gland from colorectal adenocarcinoma. Velez A, et al. **Dis Colon Rectum** 1985 Mar;28(3):190-2

The choroid--an unusual site for metastasis in patients with adenocarcinoma of the rectum--a case report. Cole MD, et al. **Eur J Surg Oncol** 1985 Sep;11(3):275-8

Study of the histochemical changes in mucus from normal and tumour bearing mucosa in patients with colorectal cancer. Habib NA, et al. **Eur J Surg Oncol** 1985 Sep; 11(3):243-5

Fecal bile acid profiles of Japanese patients with adenomatous polyps of the large bowel: special reference to distribution, multiplicity, size and degree of dysplasia of the polyps. Tanida N, et al. **Gann** 1985 Feb;76(2):104-12

Growth rates of colorectal carcinoma and adenoma by roentgenologic follow-up observations. Tada M, et al. **Gastroenterol Jpn** 1984 Dec;19(6):550-5

Prognostic factors in colorectal carcinomas arising in adenomas: implications for lesions removed by endoscopic polypectomy. Haggitt RC, et al. **Gastroenterology** 1985 Aug;89(2):328-36

Clinicopathological study of white spots of the colonic mucosa around polyps, with special reference to the endoscopic diagnosis of invasive carcinoma. Muto T, et al. **Gastrointest Endosc** 1984 Aug;30(4):231-3

Clustering of adenomas in the large intestine. Eide TJ, et al. **Gut** 1984 Nov;25(11):1262-7

Cell kinetics and in vitro clonogenicity of primary colorectal cancer: clinicopathological relationships and the implications for chemotherapy. Trotter GA, et al. **Gut** 1985 Mar;26(3):267-73

Colorectal juvenile polyps: an epidemiological and histopathological study of 144 cases in Jordanians. Dajani YF, et al. **Histopathology** 1984 Sep;8(5):765-79

Sialomucins and carcinoembryonic antigen in the evolution of colorectal cancer. Greaves P, et al. **Histopathology** 1984 Sep;8(5):825-34

Histochemical and morphologic studies of mucosa bordering rectosigmoid carcinomas: comparisons with normal, diseased, and malignant colonic epithelium. Lev R, et al. **Hum Pathol** 1985 Feb;16(2):151-61

The analysis of mononuclear cell infiltrations in colorectal adenocarcinoma. Koch B, et al. **J Cancer Res Clin Oncol** 1985;109(2):142-51

Automated flow-cytometric identification of colo-rectal tumour cells by simultaneous DNA, CEA-antibody and cell volume measurements. Valet G, et al. **J Clin Chem Clin Biochem** 1984 Dec;22(12):935-42

Assessment of dysplasia in colorectal adenomas: an observer variation and morphometric study. Brown LJ, et al. **J Clin Pathol** 1985 Feb;38(2):174-9

Mandibular gingival metastasis from a rectal adenocarcinoma. Tsianos E, et al. **J Oral Maxillofac Surg** 1985 Feb;43(2):133-5

Lymphoid polyps of the rectum. McNicholas T, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):297-302

Transformation of erythrocytes to spherocytes following incubation with malignant cells. Chaimoff C, et al. **J Submicrosc Cytol** 1985 Jul;17(3):465-8

Mixed juvenile-adenomatous polyp of the rectum in an elderly patient. Berg HK, et al. **J Surg Oncol** 1985 May; 29(1):40-2

Secondary carcinoma of the penis. Bosch PC, et al. **J Urol** 1984 Nov;132(5):990-1

Ectopic prostatic tissue. Gledhill A. **J Urol** 1985 Jan; 133(1):110-1

Primary colorectal signet-ring cell carcinoma in young patients: report of 3 cases. Lui IO, et al. **Pathology** 1985 Jan;17(1):31-5

Premalignant lesions of the colorectum. Fenoglio CM. **Prog Clin Biol Res** 1985;186:23-43

Animal model for colorectal cancer. Nigro ND. **Prog Clin Biol Res** 1985;186:161-73

Comparative histogenesis and pathology of naturally-occurring human and experimentally induced large bowel cancer in the rat. Ward JM, et al. **Prog Clin Biol Res** 1985;186:203-15

Hyperplasia or neoplasia. Macroscopic versus microscopic appearance of colorectal polyps. Kronborg O, et al. **Scand J Gastroenterol** 1985 May;20(4):512-5

The adenoma-carcinoma sequence. Day DW. **Scand J Gastroenterol [Suppl]** 1984;104:99-107

The relationship between intestinal hyperplasia and carcinogenesis. Williamson RC, et al. **Scand J Gastroenterol [Suppl]** 1984;104:57-76

Natural history of colorectal carcinoma with untreated liver metastases. Arnaud JP, et al. **Surg Gastroenterol** 1984; 3(1):37-42

Unresectable hepatic metastases from carcinoma of the colon and rectum. Didolkar MS, et al. **Surg Gynecol Obstet** 1985 May;160(5):429-36

Morphologic changes, mucin secretion, carcinoembryonic antigen (CEA) and peanut lectin reactivity in colonic mucosa of patients at high risk for colorectal cancer. Altavilla G, et al. **Tumori** 1984 Dec 31;70(6):539-48

Primary malignant fibrous histiocytoma of storiform-pleomorphic type: a case report of an ano-rectal localization. Spagnoli LG, et al. **Tumori** 1984 Dec 31; 70(6):567-70

Case profile: priapism secondary to metastatic adenocarcinoma of rectum. Cherrie RJ, et al. **Urology** 1985 Jun;25(6):655

[Leiomyoma of the rectum] Viiachki I. **Khirurgiia (Sofiia)** 1984;37(5):422 **(Bul)**

[The improved clinico-pathological staging system of carcinoma of the large intestine--the features and practical significance] Xu YH. **Chung Hua Chung Liu Tsa Chih** 1984 Sep;6(5):353-6 (Eng. Abstr.) **(Chi)**

[Histologic findings and clinical significance of the stromal reaction in colo-rectal carcinoma] Yu XR. **Chung Hua Chung Liu Tsa Chih** 1984 Sep;6(5):349-52 (Eng. Abstr.) **(Chi)**

[Cancer embolization into the lungs] Kupari M, et al. **Duodecim** 1984;100(22):1505-14 (Eng. Abstr.) **(Fin)**

[Anatomopathological aspects of non-Hodgkin's malignant rectocolic lymphoma] Diebold J, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Dec;20(6):325-9 (Eng. Abstr.) **(Fre)**

[Pathologic anatomy of villous tumors] Orcel L, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Dec;20(6):305-10 (Eng. Abstr.) **(Fre)**

[Inverted polypoid hamartoma of the rectum] Suduca P, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Dec; 20(6):339-45 (Eng. Abstr.) **(Fre)**

[Primary linitis plastica of the rectum and colon. Report of a case and review of the literature] Henrion J, et al. **Gastroenterol Clin Biol** 1984 Nov;8(11):814-8 (Eng. Abstr.) **(Fre)**

[Complex recto-colic adenomatous and hamartomatous polyposis with hyperplastic gastric polyps in a 13-year-old girl] Weill-Bousson M, et al. **Gastroenterol Clin Biol** 1984 Aug-Sep;8(8-9):621-6 (Eng. Abstr.) **(Fre)**

[Endorectal sonography in rectal carcinoma] Feifel G, et al. **Chirurg** 1985 Jun;56(6):398-402 (Eng. Abstr.) **(Ger)**

[Pathologic anatomy of polypoid processes of the colon and rectum] Hermanek P, et al. **Leber Magen Darm** 1983 Nov; 13(6):254-60 (Eng. Abstr.) **(Ger)**

[Colitis cystica profunda--contribution to the differential diagnosis of rectum cancer] Neumann H, et al. **Leber Magen Darm** 1985 May;15(3):112-6 (Eng. Abstr.) **(Ger)**

[Therapy-induced tumor regression. Morphological findings in malignant primary and secondary liver tumors following intensive regional cytostatic treatment] Fischer HP. **Pathologe** 1985 Jan;6(1):16-23 **(Ger)**

[Anatomical distribution of colorectal carcinomas in relation to age and sex. Our cases] Ipri D, et al. **Ann Ital Chir** 1985; 57(1):1-11 **(Ita)**

[Colo-rectal precancerous conditions: anatomo-pathologic and clinical aspects] Melita P, et al. **Chir Ital** 1984 Apr; 36(2):215-26 (Eng. Abstr.) **(Ita)**

[Factors influencing the prognosis of rectal tumors] Corsi G, et al. **Minerva Dietol Gastroenterol** 1984 Oct-Dec; 30(4):359-66 (Eng. Abstr.) **(Ita)**

[A case report of early rectal carcinoma, IIa + IIc type, with no invasion of the submucosa] Hayasaka T, et al. **Gan No Rinsho** 1985 Jun;31(7):889-93 (Eng. Abstr.) **(Jpn)**

[A case of multiple carcinomas of the colon and rectum associated with ulcerative colitis] Inaba S, et al. **Gan No Rinsho** 1985 May;31(5):569-75 (Eng. Abstr.) **(Jpn)**

[Chemosensitivity to mitomycin C and cell kinetics of human tumor xenografts serially transplanted into nude mice] Nakada M. **Nippon Geka Gakkai Zasshi** 1984 Jul; 85(7):694-704 (Eng. Abstr.) **(Jpn)**

[Difference in colony growth and drug sensitivity between human gastric and colorectal cancers in clonogenic assay] Mizuno Y. **Nippon Geka Hokan** 1984 Mar 1;53(2):371-7 (Eng. Abstr.) **(Jpn)**

[Multifocal cancer of the large intestine] Badowski B, et al. **Pol Tyg Lek** 1985 Apr 8-15;40(14-15):423-4 (Eng. Abstr.) **(Pol)**

[Value of cytological examinations in the diagnosis of cancer of the large intestine] Depczyńska A. **Pol Tyg Lek** 1984 Apr 16;39(16):537-9 (Eng. Abstr.) **(Pol)**

[Pararectal rhabdomyosarcoma. Report of 2 cases] Manzione A, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Sep-Oct; 39(5):243-7 (Eng. Abstr.) **(Por)**

[Clinical manifestations of squamous cell carcinoma of the rectum] Mel'nikov RA, et al. **Vopr Onkol** 1984;30(8):76-83 (Eng. Abstr.) **(Rus)**

[Polyps of the terminal part of the colon and rectum. Endoscopic and histological study] Simić P, et al. **Srp Arh Celok Lek** 1983 Sep-Oct;111(9-10):1311-5 (Eng. Abstr.) **(Scc)**

[Double primary neoplasms of the bladder and rectum (letter)] Bonet Sol J, et al. **Med Clin (Barc)** 1984 Sep 22; 83(8):352 **(Spa)**

PHYSIOPATHOLOGY

[Pain therapy in the recurrence of colorectal cancer] Schilling K. **Zentralbl Chir** 1985;110(2-3):177-85 (Eng. Abstr.) **(Ger)**

PREVENTION & CONTROL

Colorectal health check. Norgard MJ, et al. **Ala Med** 1985 Feb;54(8):29-30

Screening and prevention of colorectal cancer in Haining County. Zhang SQ. **Dis Colon Rectum** 1985 May; 28(5):300-4

Screening for colorectal cancer in a Hungarian county. Ujszászy L, et al. **Endoscopy** 1985 May;17(3):109-12

Occult blood screening for colorectal carcinoma: a critical review. Simon JB. **Gastroenterology** 1985 Mar;88(3):820-37 (154 ref.)

Screening for colorectal cancer: the issues. Winawer S, et al. **Gastroenterology** 1985 Mar;88(3):841-4

Effect of warfarin on cell kinetics, epithelial morphology and tumour incidence in induced colorectal cancer in the rat. Goeting N, et al. **Gut** 1985 Aug;26(8):807-15

Cancer prevention and public health. Saltzman BN. **J Arkansas Med Soc** 1984 Dec;81(7):351-3

Physician compliance with colorectal cancer screening (1978-1983): the impact of flexible sigmoidoscopy. Rodney WM, et al. **J Fam Pract** 1985 Mar;20(3):265-9

Screening colorectal cancer--rational guidelines. Boone WT. **J Miss State Med Assoc** 1985 Jun;26(6):165-8

Screening for colorectal neoplasia. Winchester DP. **Prog Clin Biol Res** 1985;186:13-21

Intervention in large bowel carcinogenesis--does screening improve prognosis? Farrands PA, et al. **Scand J Gastroenterol [Suppl]** 1984;104:151-9

What you can do about colorectal cancer. Fang WL, et al. **Va Med** 1984 Sep;111(9):572-3

[Screening for recto-colic neoplasms by the detection of occult blood in the stool: a study in the hospital milieu] Zolenko D, et al. **Rev Med Liege** 1985 Jun 15; 40(12):498-505 **(Fre)**

[Screening for colorectal cancer based on our experience with early colorectal cancer and adenoma] Miyazaki I, et al. **Gan No Rinsho** 1985 Jan;31(1):52-6 (Eng. Abstr.) **(Jpn)**

[Results of Hemoccult screening of 45- to 65-year-old residents of the town of Ada with the goal of early detection of malignant neoplasms of the colon and rectum] Burany B, et al. **Med Pregl** 1985;38(1-2):77-81 (Eng. Abstr.) **(Scr)**

PSYCHOLOGY

The health of rectal cancer patients in the community. MacDonald LD, et al. **Eur J Surg Oncol** 1985 Sep; 11(3):235-41

Stigma in patients with rectal cancer: a community study. MacDonald LD, et al. **J Epidemiol Community Health** 1984 Dec;38(4):284-90

RADIOGRAPHY

Computed tomography of epithelial neoplasms of the anal canal. Cohan RH, et al. **AJR** 1985 Sep;145(3):569-73

Interim analysis of a phase III study on preoperative radiation therapy in resectable rectal carcinoma. Trial of the Gastrointestinal Tract Cancer Cooperative Group of the European Organization for Research on Treatment of Cancer (EORTC). Gerard A, et al. **Cancer** 1985 May 15; 55(10):2373-9

Prospective studies of laboratory and radiologic tests in the management of colon and rectal cancer patients: I. Selection of useful preoperative tests through an analysis of surgically occult metastases. Gianola FJ, et al. **Dis Colon Rectum** 1984 Dec;27(12):811-8

Angiography in colonic carcinoma. Karlsson S, et al. **Dis Colon Rectum** 1984 Oct;27(10):648-50

Computed tomographic scanning in rectal carcinoma. Zheng G, et al. **J R Soc Med** 1984 Nov;77(11):915-20

The air contrast barium enema--indications and validity. Dodd GD. **Prog Clin Biol Res** 1985;186:133-49

Local recurrence after sphincter-saving resection for rectal and rectosigmoid carcinoma. Value of various diagnostic methods. Grabbe E, et al. **Radiology** 1985 May; 155(2):305-10

Preparation for barium enema: comparison of a commercial formula diet and low-residue, clear-liquid diets in inpatients. Scheurich JW, et al. **South Med J** 1985 Jul; 78(7):838-40

The use of computerized tomography scan in the staging and follow-up study of carcinoma of the rectum. Clark J, et al. **Surg Gynecol Obstet** 1984 Oct;159(4):335-42

[Internal hemorrhoids--roentgen symptoms and differential diagnostic demarcation from rectal and anal cancer] Fiedler V, et al. **Radiologe** 1984 Nov;24(11):527-31 (Eng. Abstr.) **(Ger)**

[Angio-CT in the diagnosis of liver metastases of colorectal tumors] Kober B, et al. **Rontgenpraxis** 1984 Sep;37(9):330-3 **(Ger)**

[Early diagnosis of colorectal tumors--place of double-contrast enema] Rödl W. **Rontgenpraxis** 1985 Mar; 38(3):92-5 **(Ger)**

[Roentgen studies (laterál distance image) for precise determination of tumors of the rectum] Waneck R. **Wien Klin Wochenschr** 1985 Jun 7;97(12):513-22 (Eng. Abstr.) **(Ger)**

[Value of computer tomography in the diagnosis and development of rectal cancer] Grabbe E, et al. **Zentralbl Chir** 1985;110(2-3):80-8 (Eng. Abstr.) **(Ger)**

[Radiologic examination of the spread of rectal tumors] Grexa E, et al. **Orv Hetil** 1985 Jun 30;126(26):1591-4, 1597 (Eng. Abstr.) **(Hun)**

[A case of rectal leiomyosarcoma] Sasaki F, et al. **Rinsho Hoshasen** 1984 Jul;29(7):825-7 (Eng. Abstr.) **(Jpn)**

[Value of lymphography in the diagnosis and treatment of rectal cancer] Tsyb AF, et al. **Vestn Rentgenol Radiol** 1985 Mar-Apr;(2):57-62 (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

An evaluation of pelvic lymphoscintigraphy in the staging of colorectal carcinoma. Reasbeck PG, et al. **Br J Surg** 1984 Dec;71(12):936-40

Colorectal lymphoscintigraphy: a preliminary report. Himal HS. **Gastrointest Endosc** 1984 Aug;30(4):260-2

RADIOTHERAPY

Preoperative irradiation of primarily non-resectable adenocarcinoma of the rectum and rectosigmoid. Påhlman L, et al. **Acta Radiol [Oncol]** 1985 Jan-Feb;24(1):35-9

Postoperative adjuvant irradiation for adenocarcinoma of the rectum and sigmoid. Brizel HE, et al. **Am J Clin Oncol** 1984 Dec;7(6):679-85

Preoperative radiation therapy for clinically resectable adenocarcinoma of the rectum. Mendenhall WM, et al. **Ann Surg** 1985 Aug;202(2):215-22

Endocavitary irradiation for adenocarcinoma of the rectum. Sischy B, et al. **CA** 1984 Nov-Dec;34(6):333-9

Preoperative short-term radiotherapy in rectal carcinoma. A preliminary report of a prospective randomized study. Cedermark B, et al. **Cancer** 1985 Mar 15;55(6):1182-5

Survival following moderate-dose preoperative radiation therapy for carcinoma of the rectum. Friedmann P, et al. **Cancer** 1985 Mar 1;55(5):967-73

Adjuvant postoperative radiotherapy in carcinoma of the rectum and rectosigmoid. Hoskins RB, et al. **Cancer** 1985 Jan 1;55(1):61-71

Results of adjuvant radiation therapy in cancer of the rectum. Thomas Jefferson University Hospital experience. Mohiuddin M, et al. **Cancer** 1985 Jan 15;55(2):350-3

Complications following postoperative combined radiation and chemotherapy in adenocarcinoma of the rectum and rectosigmoid. A randomized trial that failed. Sparsø BH, et al. **Cancer** 1984 Dec 1;54(11):2363-6

The sandwich approach: irradiation-surgery-irradiation in rectal cancer. Four years' experience. Bayer I, et al. **Dis Colon Rectum** 1985 Apr;28(4):222-4

On the treatment of hemangioma of the rectum. Chaimoff C. **Dis Colon Rectum** 1985 Aug;28(8):632

Adjuvant radiation therapy for rectal adenocarcinoma. Cummings BJ. **Dis Colon Rectum** 1984 Dec;27(12):826-36 (51 ref.)

Preoperative radiation therapy and sphincter preservation by the combined abdominotranssacral technique for selected rectal cancers. Marks G, et al. **Dis Colon Rectum** 1985 Aug; 28(8):565-71

Radiotherapy and resection for apparently inoperable rectal adenocarcinoma. Mella O, et al. **Dis Colon Rectum** 1984 Oct;27(10):663-8

Preoperative radiation therapy with sensitizers in the management of carcinoma of the rectum. Sischy B, et al. **Dis Colon Rectum** 1985 Jan;28(1):56-7

Villous adenomas of the rectum. Results of endoscopic treatment with argon and Nd:YAG lasers. Brunetaud JM, et al. **Gastroenterology** 1985 Oct;89(4):832-7

Is dose/time fractionation important in treating rectal cancer? Derdel J, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;

11(3):579-82

Combination of external beam irradiation and multiple-site perineal applicator (MUPIT) for treatment of locally advanced or recurrent prostatic, anorectal, and gynecologic malignancies. Martinez A, et al. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):391-8

A technique to avoid unnecessary perineal reaction [letter] Mead KW. **Int J Radiat Oncol Biol Phys** 1984 Oct; 10(10):1995-6

Complications of intraoperative radiation therapy. Tepper JE, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct; 10(10):[illegible]31-9

The Gordon Richards Memorial Lecture 1983: radiotherapy and proctology. Papillon J. **J Can Assoc Radiol** 1984 Sep; 35(3):238-45

Sphincter preservation in patients with low rectal cancer treated with radiation therapy with or without local excision or fulguration. Rich TA, et al. **Radiology** 1985 Aug;156(2):527-31

Dose-response relationship for radiation therapy of recurrent, residual, and primarily inoperable colorectal cancer. Overgaard M, et al. **Radiother Oncol** 1984 Jan; 1(3):217-25

The use of endocavitary irradiation for selected carcinomas of the rectum: ten years experience. Sischy B. **Radiother Oncol** 1985 Aug;4(1):97-101

Construction of an omental envelope as a method of excluding the small intestine from the field of postoperative irradiation to the pelvis. DeLuca FR, et al. **Surg Gynecol Obstet** 1985 Apr;160(4):365-6

Radiation therapy of carcinoma in the rectum and sigmoid colon. Asakawa H, et al. **Tohoku J Exp Med** 1984 Dec; 144(4):409-16

[Nonresectable cancer of the rectum. 26 Cases treated by preoperative irradiation] Elias D, et al. **Ann Chir** 1984 Nov; 38(8):607-12 (Eng. Abstr.) **(Fre)**

[Radiotherapy in adenocarcinoma of the rectum. Results] Billebaud T, et al. **Gastroenterol Clin Biol** 1985 May; 9(5):437-43 (48 ref.) **(Fre)**

[Adjuvant radiotherapy in rectosigmoid cancers] Winkler R. **Zentralbl Chir** 1985;110(2-3):124-36 (Eng. Abstr.) **(Ger)**

[Radiotherapy of local recurrences of surgically treated rectal and rectosigmoidal cancer] Gardani G, et al. **Radiol Med (Torino)** 1984 Mar;70(3):130-8 (Eng. Abstr.) **(Ita)**

[The indication and effect of radiation therapy in rectal carcinoma] Shindo K, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):1076-82 (Eng. Abstr.) **(Jpn)**

[Effect of radiotherapy against advanced carcinoma of the rectum] Yamamoto K, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):1072-5 (Eng. Abstr.) **(Jpn)**

[Radiotherapy. Locally advanced colorectal cancer with and without 5-fluorouracil] Fosså SD, et al. **Tidsskr Nor Laegeforen** 1985 Feb 28;105(6):423-6 (Eng. Abstr.) **(Nor)**

[Twice-daily irradiation of patients with rectal cancer] Pereslegin IA, et al. **Med Radiol (Mosk)** 1985 May; 30(5):31-4 (Eng. Abstr.) **(Rus)**

[Combined gamma-therapy of rectal cancer using movable radiation sources in intracavitary irradiation] Sarkisian IuKh, et al. **Med Radiol (Mosk)** 1984 Oct;29(10):47-52 (Eng. Abstr.) **(Rus)**

SECONDARY

Metastasis of a very small choroidal melanoma without apparent clinical change. McKnight SJ, et al. **Ann Ophthalmol** 1984 Nov;16(11):1016-21

[Rectal metastasis of breast cancer. Apropos of 2 cases] Grosdidier J, et al. **J Chir (Paris)** 1985 Feb;122(2):87-91 (Eng. Abstr.) **(Fre)**

SURGERY

Percutaneous aspiration biopsy in perineal recurrences after abdominoperineal extirpations. Erös A, et al. **Acta Chir Hung** 1985;26(3):145-9

Anorectal sarcomas. Molnár L, et al. **Acta Chir Hung** 1985; 26(2):85-91

Local recurrence following anterior resection for carcinoma of the rectum with a stapled anastomosis. Bokey EL, et al. **Acta Chir Scand** 1984;150(8):683-6

Sexual dysfunction after low anterior resection for midrectal cancer. Hjortrup A, et al. **Acta Chir Scand** 1984; 150(8):687-8

Presacral masses after abdominoperineal resection for colorectal carcinoma: the need for needle biopsy. Butch RJ, et al. **AJR** 1985 Feb;144(2):309-12

Follow-up of patients with colorectal cancer. Deveney KE, et al. **Am J Surg** 1984 Dec;148(6):717-22

Obliteration of the pelvic space with pedicled omentum after excision of the rectum for cancer. Moreaux J, et al. **Am J Surg** 1984 Nov;148(5):640-4

Ileal conduits for recurrent unresectable colorectal adenocarcinoma. Petrelli NJ, et al. **Am J Surg** 1985 Aug; 150(2):239-42

Changes in surgical approach to rectal cancer. Buckspan RJ, et al. **Am Surg** 1985 Jan;51(1):21-5

The parasacral approach to the rectum. Hawkins FE Jr, et al. **Am Surg** 1984 Nov;50(11):623-7

Operative risks in patients with colorectal cancer. Irvin GL 3d, et al. **Am Surg** 1985 Jul;51(7):418-22

Changing attitudes toward management of cancer of the colon and rectum. Raina S, et al. **Am Surg** 1985 Jan; 51(1):26-30

A rare complication of anastomotic leakage after low anterior resection of the rectum. Brynitz S. **Ann Chir Gynaecol** 1985; 74(2):101-3

Povidone-iodine bowel irrigation before resection of colorectal carcinoma. Parker MC, et al. **Ann R Coll Surg Engl** 1985 Jul;67(4):227-8

Peroperative detection of patients with rectal cancer at high risk of local recurrence. Silverman SH, et al. **Ann R Coll Surg Engl** 1985 May;67(3):164-6

Survival after high or low ligation of the inferior mesenteric artery during curative surgery for rectal cancer. Pezim ME, et al. **Ann Surg** 1984 Dec;200(6):729-33

Perioperative allogeneic blood transfusions. Survival in patients with resected carcinomas of the colon and rectum. Nathanson SD, et al. **Arch Surg** 1985 Jun;120(6):734-8

Resectoscopic transanal resection of extensive rectal adenomas. Irwin RJ. **Aust NZ J Surg** 1984 Aug;54(4):375-7

Colorectal carcinoma in the young. Wong SK, et al. **Aust NZ J Surg** 1985 Apr;55(2):149-52

Retinol and postoperative colorectal cancer patients. Basu TK, et al. **Br J Cancer** 1985 Jan;51(1):61-5

The results of surgical treatment of cancer of the rectum by radical resection and extended abdomino-iliac lymphadenectomy. Glass RE, et al. **Br J Surg** 1985 Aug; 7(8):599-601

A randomized trial of oral 5-fluorouracil versus placebo as adjuvant therapy in colorectal cancer Dukes' B and C: results after 5 years observation time. Hafström L, et al. **Br J Surg** 1985 Feb;72(2):138-41

Local recurrence after potentially curative resection for rectal cancer in a series of 1008 patients. McDermott FT, et al. **Br J Surg** 1985 Jan;72(1):34-7

Anal implantation metastasis from carcinoma of the sigmoid colon and rectum--a risk when performing anterior resection with the EEA stapler? Norgren J, et al. **Br J Surg** 1985 Aug;7(8):602

The outcome following sphincter-saving resection and abdominoperineal resection for low rectal cancer. Williams NS, et al. **Br J Surg** 1985 Aug;7(8):595-8

Laser irradiation of inoperable tumours of the colon and rectum. Morris AI, et al. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1948

Current use of sphincter-saving excision in the radical treatment of rectal cancer. Goligher JC. **Can J Surg** 1985 Sep;28(5):412-5

The management of recurrent rectal carcinoma. Ketcham AS. **Can J Surg** 1985 Sep;28(5):422-4

Colorectal cancer: managing distant metastases. Langer B. **Can J Surg** 1985 Sep;28(5):419-21

What is appropriate follow-up for the patient with colorectal cancer? Langevin JM, et al. **Can J Surg** 1985 Sep; 28(5):424-8

Adjuvant chemotherapy in colorectal cancer. Wolmark N. **Can J Surg** 1985 Sep;28(5):416-9

Palliative and curative electrocoagulation for rectal cancer. Experience and results. Hoekstra HJ, et al. **Cancer** 1985 Jan 1;55(1):210-3

Treatment alternatives. Localized rectal cancer. Stearns MW Jr, et al. **Cancer** 1984 Dec 1;54(11 Suppl):2691-4

Clinical perspective of human colorectal cancer metastasis. August DA, et al. **Cancer Metastasis Rev** 1984;3(4):303-24 (138 ref.)

Colorectal cancer in young adults. Galloway DJ, et al. **Clin Oncol** 1984 Sep;10(3):205-11

Low anterior vs. abdominoperineal resection. A community hospital experience. Capuano U, et al. **Conn Med** 1985 Jan; 49(1):8-10

The perioperative management of the patient with pemphigus vulgaris and villous adenoma. Lavie CJ, et al. **Cutis** 1984 Aug;34(2):180-2

Factors influencing local recurrence after abdominoperineal resection for cancer of the rectum. Adloff M, et al. **Dis Colon Rectum** 1985 Jun;28(6):413-5

Prognostic correlations of operable carcinoma of the rectum. Carlon CA, et al. **Dis Colon Rectum** 1985 Jan;28(1):47-50

Abdominoperineal endoanal pull-through resection. A comparative study between immediate and delayed colorectal anastomosis. Cutait DE, et al. **Dis Colon Rectum** 1985 May;28(5):294-9

Peranal coloanal anastomosis following low anterior resection for rectal carcinoma. Enker WE, et al. **Dis Colon Rectum** 1985 Aug;28(8):576-81

Are postoperative fever and/or septic complications prognostic factors in colorectal cancer resected for cure? Fucini C, et al. **Dis Colon Rectum** 1985 Feb;28(2):94-5

Anastomotic recurrences after low anterior resection. Stapled vs. hand-sewn. Leff EI, et al. **Dis Colon Rectum** 1985 Mar; 28(3):164-7

Is anterior resection of the rectosigmoid safe after preoperative radiation? Roberson SH, et al. **Dis Colon Rectum** 1985 Apr;28(4):254-9

Clinical and manometric evaluation of continence after the Bacon two-stage pull-through procedure. Rosen L, et al. **Dis Colon Rectum** 1985 Apr;28(4):232-4

The effect of inadvertent intraoperative perforation on survival and recurrence in colorectal cancer. Slanetz CA Jr. **Dis Colon Rectum** 1984 Dec;27(12):792-7

Survival of 727 patients with single carcinomas of the large bowel. Umpleby HC, et al. **Dis Colon Rectum** 1984 Dec; 27(12):803-10

Sphincter-saving procedure for treatment of diffuse cavernous hemangioma of the rectum and sigmoid colon. Wang CH. **Dis Colon Rectum** 1985 Aug;28(8):604-7

Immediate colectomy and primary anastomosis for acute obstruction due to carcinoma of the left colon and rectum. White CM, et al. **Dis Colon Rectum** 1985 Mar;28(3):155-7

The sialomucin content of colonic resection margins. Wood CB, et al. **Dis Colon Rectum** 1985 Apr;28(4):260-1

Endoscopic surgery in the rectum. Buess G, et al. **Endoscopy** 1985 Jan;17(1):31-5

The results of 1115 patients with colorectal cancer treated over an 8-year period in a single hospital. Stower MJ, et al. **Eur J Surg Oncol** 1985 Jun;11(2):119-23

Hands off 'cancerous' large bowel polyps. Riddell RH. **Gastroenterology** 1985 Aug;89(2):432-5

YAG laser therapy of gastrointestinal tumors. Groisser VW. **Gastrointest Endosc** 1984 Oct;30(5):311-2

Neutrophil acid phosphatase activity in patients with gastric or rectum carcinoma during surgical treatment. Merkiel K, et al. **Haematologia (Budap)** 1984;17(3):383-6

Extrapelvic colon--areas of failure in a reoperation series: implications for adjuvant therapy. Gunderson LL, et al. **Int J Radiat Oncol Biol Phys** 1985 Apr;11(4):731-41

Management of the perineal wound after rectal excision for carcinoma. Maria G, et al. **Int Surg** 1984 Apr-Jun; 69(2):167-9

Diagnosis and operation for locally recurrent rectal cancer. Takagi H, et al. **J Surg Oncol** 1985 Apr;28(4):290-6

Total pelvic exenteration for advanced carcinoma of the lower colon. Takagi H, et al. **J Surg Oncol** 1985 Jan; 28(1):59-62

Effects of extended systematic lymphadenectomy for adenocarcinoma of the rectum--significant improvement of survival rate and decrease of local recurrence. Koyama Y, et al. **Jpn J Clin Oncol** 1984 Dec;14(4):623-32

Anorectal preservation [editorial] **Lancet** 1984 Oct 6; 2(8406):791-2

Management of colorectal cancer. Aufses AH Jr. **Mt Sinai J Med (NY)** 1985 Mar;52(3):172-5

Stapled anastomosis after colorectal resection for benign and malignant disease. Raidoo SN, et al. **S Afr Med J** 1984 Nov 24;66(21):819-21

Rectal cancer--adequacy of surgical management. Rothenberger DA, et al. **Surg Annu** 1985;17:309-36 (125 ref.)

Sequential electrocoagulation and resection for carcinoma of the rectum. Eisenberg HW. **Surg Gynecol Obstet** 1984 Nov;159(5):471-4

Recurrence following stapled coloproctostomy for carcinomas of the mid portion of the rectum. Kennedy HL, et al. **Surg Gynecol Obstet** 1985 Jun;160(6):513-6

The everted rectal stump technique for the application of the distal pursestring suture in the construction of stapled anastomoses. Slutzki S, et al. **Surg Gynecol Obstet** 1985 Sep;161(3):287-8

An anterior approach for excision of benign tumors of the middle part of the rectum. Thorlakson RH. **Surg Gynecol Obstet** 1984 Nov;159(5):498-500

Unnecessary blood transfusions in electi[illegible]olorectal cancer surgery. Tartter PI, et al. **Transfusio[illegible]**5 Mar-Apr; 25(2):113-5

Bladder urethral dysfunction after abdomi[illegible]erineal resection of the rectum for ano-rectal cancer. Zano[illegible] et al. **Tumori** 1984 Dec 31;70(6):555-9

Delayed urinary fistula following abdominal perineal resection of rectum and anal canal. Ali Khan S, et al. **Urol Int** 1984;39(6):358-60

Endoscopic neodymium-YAG laser treatment of nonresectable gastrointestinal tract cancer. Cello JP, et al. **West J Med** 1985 Jan;142(1):42-4

Prophylactic regimens in colorectal surgery: comparisons between metronidazole used alone or with ampicillin for one or three days. Roland M, et al. **World J Surg** 1985 Aug;9(4):626-32

[Transabdominal resection of rectal cancer with preservation of the anus and pull-through of the colon] Chen JC, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Apr;23(4):208, 253 (Eng. Abstr.) **(Chi)**

[Therapeutic tactics in rectal cancer in advanced age] Novák J, et al. **Rozhl Chir** 1985 May;64(5):335-9 (Eng. Abstr.) **(Cze)**

[New views on the treatment of colorectal carcinoma] Michek J, et al. **Sb Lek** 1984 Jun;86(5-6):129-32 (Eng. Abstr.) **(Cze)**

[Low anterior rectum resection using the EEA autosuturing instrument] Bisgaard C, et al. **Ugeskr Laeger** 1984 Oct 1; 146(40):3019-22 (Eng. Abstr.) **(Dan)**

[Transphincteric rectotomy of tumors and fistulae in the rectum] Klaaborg KE, et al. **Ugeskr Laeger** 1985 Jan 28; 147(5):411-3 (Eng. Abstr.) **(Dan)**

[Control after radical operation for colorectal cancer] Meisner S, et al. **Ugeskr Laeger** 1984 Dec 3;146(49):3826-9 (Eng. Abstr.) **(Dan)**

[Stoma care] Tan KG. **Ned Tijdschr Geneeskd** 1985 May 11; 129(19):881-2 **(Dut)**

[Colonoscopic follow up of rectocolonic cancer surgeries. Assessment of 64 examinations] Ballorain X, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Feb-Mar; 21(2):109-12 (Eng. Abstr.) **(Fre)**

[Technic of the surgical excision of villous tumors] Edelmann

G, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Dec;20(6):311-4 (Eng. Abstr.) **(Fre)**

[Rectocolic villous tumors. Study of 69 cases] Fasano JJ. **Ann Gastroenterol Hepatol (Paris)** 1984 Dec;20(6):315-23 (Eng. Abstr.) **(Fre)**

[Urogenital complications of abdominoperineal resection of the rectum for cancer] Boccon-Gibod L, et al. **Ann Urol (Paris)** 1984 May;18(3):169-71 (Eng. Abstr.) **(Fre)**

[Secondary amputation of the rectum for neoplastic recurrence after rectal resection. Personal experience in 11 cases] Adloff M, et al. **Chirurgie** 1985;111(2):156-62 (Eng. Abstr.) **(Fre)**

[Endoscopic surveillance of patients subjected to treatment for recto-sigmoid cancer] Di Felice G, et al. **Schweiz Rundsch Med Prax** 1984 Oct 30;73(44):1351-2 (Eng. Abstr.) **(Fre)**

[A system for a transanal endoscopic rectum operation] Buess G, et al. **Chirurg** 1984 Oct;55(10):677-80 **(Ger)**

[Operational technic for abdomino-transanal rectum excision] Gemsenjäger E. **Chirurg** 1984 Oct;55(10):670-6 **(Ger)**

[Sclerosing treatment of massive hemorrhage of a preternatural anus in portal hypertension] Hesterberg R, et al. **Chirurg** 1984 Sep;55(9):607-9 **(Ger)**

[Bimechanical rectum anastomosis (double stapling technic)] Kreisköther E, et al. **Chirurg** 1985 Mar;56(3):179-82 **(Ger)**

[Perioperative prophylaxis in elective colorectal surgery] Kujath P, et al. **Chirurg** 1984 Aug;55(8):519-22 (Eng. Abstr.) **(Ger)**

[Perioperative antibiotic prophylaxis (single or multiple dose) in elective colorectal surgery. A randomized study] Lohr J, et al. **Chirurg** 1984 Aug;55(8):512-4 (Eng. Abstr.) **(Ger)**

[Local recurrence following anterior rectum resection--manual versus stapler suture] Metzger U, et al. **Chirurg** 1985 Apr;56(4):266-8 (Eng. Abstr.) **(Ger)**

[Anorectal malignant melanomas: report on 7 personal cases and 374 cases from the literature. Report of the experiences of a tumor center] Nast-Kolb D, et al. **Chirurg** 1985 Feb;56(2):100-4 (Eng. Abstr.) **(Ger)**

[Space-occupying rectal cancer. Concept of the operation and early results in 15 patients] Redtenbacher M, et al. **Chirurg** 1985 May;56(5):315-8 (Eng. Abstr.) **(Ger)**

[Surgical treatment of liver metastases of colorectal cancers] Scheele J, et al. **Fortschr Med** 1985 Jun 6;103(21):577-83 (Eng. Abstr.) **(Ger)**

[Nutrition physiologic, immunologic and clinical parameters in prospective randomized patients by enteral or parenteral nutrition therapy following large intestine operations] Bauer E, et al. **Infusionsther Klin Ernahr** 1984 Jun;11(3):165-7 (Eng. Abstr.) **(Ger)**

[Colon and rectal cancer] Geisbe H. **Langenbecks Arch Chir** 1984;364:157-61 (Eng. Abstr.) **(Ger)**

[Anterior single-stage resection with a manual suture as the standard operation of the proximal and middle third of the rectum] Kux M, et al. **Langenbecks Arch Chir** 1985;363(4):283-95 (Eng. Abstr.) **(Ger)**

[Principles and results of narrow rectum continence resection in cancer] Stelzner F, et al. **Langenbecks Arch Chir** 1984;363(1):17-30 (Eng. Abstr.) **(Ger)**

[Treatment of colorectal cancer in the last 35 years--perioperative requirements and postoperative results] Grundmann R, et al. **Leber Magen Darm** 1984 Jul;14(4):174-80 (Eng. Abstr.) **(Ger)**

[CT following abdominosacral amputation of the rectum--a critical study of methods] Klöppel R, et al. **Radiol Diagn (Berl)** 1984;25(5):497-505 (Eng. Abstr.) **(Ger)**

[Small and large intestine devascularization (devitalization) and potentials in the therapeutic use of this operative method] Fortýn K, et al. **Z Exp Chir Transplant Kunstliche Organe** 1985;18(1):42-50 (Eng. Abstr.) **(Ger)**

[Experiences with the Soviet SPTU stapler device in colon and rectum surgery] Baradnay G, et al. **Zentralbl Chir** 1985;110(2-3):108-11 (Eng. Abstr.) **(Ger)**

[Closed and laterally fenestrated speculum for peranal tumor excision] Dewey P, et al. **Zentralbl Chir** 1985;110(1):43-5 **(Ger)**

[Local peranal treatment of early rectal cancer] Dewey P, et al. **Zentralbl Chir** 1985;110(2-3):137-41 (Eng. Abstr.) **(Ger)**

[Locoregional recurrence following the operative treatment of rectal cancer. Basic principles of prevention and therapy] Dommes M, et al. **Zentralbl Chir** 1985;110(2-3):159-71 (Eng. Abstr.) **(Ger)**

[Selection of the treatment method in rectal cancer] Fedorov VD. **Zentralbl Chir** 1985;110(2-3):98-107 (Eng. Abstr.) **(Ger)**

[Modern mechanical antibiotic preparation in colorectal operations. Results of a prospective study] Hildebrandt J, et al. **Zentralbl Chir** 1985;110(2-3):93-7 (Eng. Abstr.) **(Ger)**

[Current trends in therapy of colorectal cancers] Kiene S. **Zentralbl Chir** 1985;110(2-3):66-71 (Eng. Abstr.) **(Ger)**

[15 years' experiences with cryosurgical treatment of rectal cancer] Knoch HG. **Zentralbl Chir** 1985;110(2-3):155-8 (Eng. Abstr.) **(Ger)**

[Cryotherapy of rectal cancer. Immunologic results] Kogel H, et al. **Zentralbl Chir** 1985;110(2-3):147-54 (Eng. Abstr.) **(Ger)**

[Results of postoperative citrate irrigation following deep rectum resection] Krönung G. **Zentralbl Chir** 1984;109(18):1207-11 (Eng. Abstr.) **(Ger)**

[Computer tomography in the diagnosis of recurrence of rectal and colonic cancer] Rotte KH. **Zentralbl Chir** 1985;110(2-3):89-92 (Eng. Abstr.) **(Ger)**

[Risk-related surgical treatment of colorectal tumors] Seifart W, et al. **Zentralbl Chir** 1985;110(2-3):120-3 (Eng. Abstr.) **(Ger)**

[Cryosurgery in inoperable rectal cancer] Theiss R, et al. **Zentralbl Chir** 1985;110(2-3):142-6 (Eng. Abstr.) **(Ger)**

[Comparative studies of local recurrence following sphincter preserving anterior rectal resection and primary rectal excision 1980-1983] von Gottberg C, et al. **Zentralbl Chir** 1985;110(2-3):172-6 (Eng. Abstr.) **(Ger)**

[Trans-sacral approach to intra- and extra-rectal tumors of the middle and lower rectum] Barzilai A, et al. **Harefuah** 1985 Jan 15;108(2):74-6 (Eng. Abstr.) **(Heb)**

[The posterior surgical approach to the rectum] Wolloch Y, et al. **Harefuah** 1985 Feb 15;108(4):179-81 (Eng. Abstr.) **(Heb)**

[The key to success in median evaginating rectocolonic resection] Allegra G. **Ann Gastroenterol Hepatol (Paris)** 1984 May-Jun;20(3):153-5 (Eng. Abstr.) **(Ita)**

[Surveillance of patients operated for cancer of the colorectum] Montori A, et al. **Ann Ital Chir** 1984;56(2):107-15 **(Ita)**

[Surgery of colorectal cancer. Statistical analysis of 350 personal case reports] Sarli L, et al. **Ann Ital Chir** 1984;56(5):427-45 (Eng. Abstr.) **(Ita)**

[Intestinal preparation for endoscopic examination and colorectal surgery] Stella M, et al. **Ann Ital Chir** 1984;56(4):381-93 (Eng. Abstr.) **(Ita)**

[Anal sphincter function following colorectal anastomosis with a stapler by transperineal-sphincter approach] Tanzini G, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2067-72 (Eng. Abstr.) **(Ita)**

[The use of mechanical suturing in colorectal anastomoses] Tanzini G, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2073-7 (Eng. Abstr.) **(Ita)**

[Mechanical sutures in surgery of cancer of the rectum (a personal contribution)] Crucitti F, et al. **Chir Ital** 1983 Dec;35(6):823-30 (Eng. Abstr.) **(Ita)**

[Surgical treatment of anorectal melanoma (presentation of 2 cases)] Dagradi V, et al. **Chir Ital** 1984 Aug;36(4):635-42 (Eng. Abstr.) **(Ita)**

[Carcinoid tumor of the rectum] Dagradi V, et al. **Chir Ital** 1983 Jun;35(3):350-7 (Eng. Abstr.) **(Ita)**

[Our experience with emergency surgery in cancer of the large intestine] Di Natale I. **Chir Ital** 1983 Dec;35(6):1026-32 (Eng. Abstr.) **(Ita)**

[Our surgical choice in the treatment of tumors of the rectum] Lago TF, et al. **Chir Ital** 1984 Jun;36(3):295-305 (Eng. Abstr.) **(Ita)**

[Local treatment of minimal cancer of the rectum (preordained treatment)] Bucci L, et al. **Minerva Chir** 1985 Apr 15;40(7):439-42 (Eng. Abstr.) **(Ita)**

[Personal considerations on the posterior approach in the surgery of rectal neoplasms] Califano G, et al. **Minerva Chir** 1984 Nov 15;39(21):1457-61 **(Ita)**

[Post-surgical monitoring of patients operated on for carcinoma of the large intestine] D'Amico D, et al. **Minerva Chir** 1984 Nov 15;39(21):1463-70 **(Ita)**

[Multiple carcinomas of the large intestine] Di Giorgio A, et al. **Minerva Chir** 1985 Mar 31;40(6):305-12 (Eng. Abstr.) **(Ita)**

[Immediate closure of the pelvic cavity after the Miles' intervention for tumors] Di Matteo G, et al. **Minerva Chir** 1985 Apr 15;40(7):417-21 **(Ita)**

[Neoplasms of the colon. Presentation of 122 cases observed between 1975 and 1983] Donadio F, et al. **Minerva Chir** 1985 Jun 30;40(12):875-81 (Eng. Abstr.) **(Ita)**

[Loco-regional recurrence of cancer of the rectum] Fabris G, et al. **Minerva Chir** 1985 Feb 15;40(3):113-4 **(Ita)**

[Local recurrence after surgery of cancer of the rectum. Risk factors, diagnostic and therapeutic possibilities] Frego M, et al. **Minerva Chir** 1985 Feb 15;40(3):109-12 (Eng. Abstr.) **(Ita)**

[Clinical study of sexual dysfunction after surgery of cancer of the rectum] Frego M, et al. **Minerva Chir** 1985 Feb 15;40(3):121-4 (Eng. Abstr.) **(Ita)**

[Significance and limitations of intensive follow-up after radical intervention for colorectal cancer] Fucini C, et al. **Minerva Chir** 1985 Jun 15;40(11):783-6 (Eng. Abstr.) **(Ita)**

[New frontiers in surgery of the rectum. Is low anterior resection an oncologically acceptable intervention?] Gennari L, et al. **Minerva Chir** 1985 Apr 15;40(7):423-6 **(Ita)**

[Modern directions in surgery of cancer of the rectum] Gozzetti G, et al. **Minerva Chir** 1985 Apr 15;40(7):427-30 **(Ita)**

[Recto-colonic adenoma: which therapy?] Guernelli N. **Minerva Chir** 1984 Nov 15;39(21):1475-7 **(Ita)**

[Low mechanical anterior resection in the treatment of neoplasms of the medial and superior rectum. Our experience] Lombardi M, et al. **Minerva Chir** 1985 Feb 15;40(3):107-8 **(Ita)**

[Low anterior resection with latero-terminal mechanical anastomosis in the treatment of cancer of the rectus] Mari C, et al. **Minerva Chir** 1984 Jul 15-31;39(13-14):1009-13 (Eng. Abstr.) **(Ita)**

[The transacral and combined abdominal-transacral approach in the surgery of neoplasms of the rectum] Montori A, et al. **Minerva Chir** 1985 Apr 15;40(7):431-7 **(Ita)**

[Treatment of cancer of the rectum] Morgutti L, et al. **Minerva Chir** 1985 Feb 15;40(3):91-7 (Eng. Abstr.) **(Ita)**

[Carcinoma of the middle rectum. Immediate and long-term results; comparison of Miles' operation and ALR with manual anastomosis and ALR with mechanical anastomosis] Olivero S, et al. **Minerva Chir** 1985 Mar 31;40(6):347-52 (Eng. Abstr.) **(Ita)**

[Immediate and long-term results of mechanical anastomoses in surgery of cancer of the rectum] Quagliuolo V, et al. **Minerva Chir** 1985 Feb 15;40(3):99 **(Ita)**

[Cancer of the colorectum. Notes on therapeutic management and surgical technic] Rocca E, et al. **Minerva Chir** 1985 Feb 15;40(3):105-6 **(Ita)**

['Selected' anorectal cancers and cryosurgery. Indications, technics and results of an experience] Tajana A, et al. **Minerva Chir** 1985 Feb 15;40(3):85-90 **(Ita)**

[Preliminary mid-term results of an intensive follow-up protocol for cancer of the rectum] Tropea A, et al. **Minerva Chir** 1984 Dec 15-31;39(23-24):1659-64 (Eng. Abstr.) **(Ita)**

[Treatment of the perineal wound after abdomino-perineal amputation of the rectum] Zanetti PP, et al. **Minerva Chir** 1985 May 15;40(9):639-43 (Eng. Abstr.) **(Ita)**

[Use of a semisynthetic enteral diet in preparation for surgery of the large intestine] Dionigi R, et al. **Minerva Dietol Gastroenterol** 1984 Jul-Sep;30(3):233-8 (Eng. Abstr.) **(Ita)**

[Are circular sutures effective in surgery for cancer of the median section of the rectum?] Enrichens F, et al. **Minerva Med** 1984 Sep 22;75(36):2091-2 **(Ita)**

[Evaluation of the use of several instrumental methods in the follow-up of colorectal cancer. Preliminary results] Tropea A, et al. **Minerva Med** 1984 Sep 22;75(36):2037-40 **(Ita)**

[Value of computerized tomography in the early detection of pelvic recurrences in patients subjected to resection of rectal cancer] Gualdi GF, et al. **Radiol Med (Torino)** 1984 Jan-Feb;70(1-2):7-10 (Eng. Abstr.) **(Ita)**

[Total pelvic exenteration for primary and locally recurrent rectal cancer] Takagi H, et al. **Gan No Rinsho** 1984 Nov;30(14):1779-85 (Eng. Abstr.) **(Jpn)**

[A study on non-sterile intermittent self-catheterization for voiding dysfunction following radical uterine or rectal carcinoma surgery] Amano T, et al. **Hinyokika Kiyo** 1984 Apr;30(4):493-500 (Eng. Abstr.) **(Jpn)**

[Anastomotic recurrence after sphincter saving resection for carcinoma of the rectum] Hojo K. **Nippon Geka Gakkai Zasshi** 1984 Dec;85(12):1537-44 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of pelvic exenteration for carcinoma of the lower colon] Takeshima H, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jun;75(6):967-72 (Eng. Abstr.) **(Jpn)**

[Infusion-transfusion therapy in the prevention of thromboembolic complications of the surgical treatment of large-intestinal cancer] Khachaturova EA, et al. **Anesteziol Reanimatol** 1984 Nov-Dec;(6):54-6 (Eng. Abstr.) **(Rus)**

[Hormonal homeostasis during surgical treatment of large-intestinal cancer associated with ischemic heart disease] Samedov NA, et al. **Anesteziol Reanimatol** 1984 Nov-Dec;(6):56-9 (Eng. Abstr.) **(Rus)**

[Method of resecting large polyps of the rectum and distal portion of the sigmoid colon] Baranchikov VI, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):106-9 **(Rus)**

[Ways of maintaining the viability of a colonic graft following abdomino-anal resection of the rectum] Chernyshev VN, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):41-5 (Eng. Abstr.) **(Rus)**

[Computer tomography in the diagnosis of abscesses and recurrences following radical surgery for cancer of the rectum] Gabuniia RI, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):38-41 (Eng. Abstr.) **(Rus)**

[Suppurative complications after surgery for cancer of the large intestine (review of the literature)] Knysh VI, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):138-43 (65 ref.) **(Rus)**

[Treatment of multiple primary tumors of the large intestine] Linchenko IF, et al. **Klin Khir** 1985 Feb;(2):33-6 (Eng. Abstr.) **(Rus)**

[Early complications after operations on the large intestine] Myshkin KI, et al. **Klin Khir** 1985 Feb;(2):32-3 (Eng. Abstr.) **(Rus)**

[Revascularization of intestinal transplants] Andrianov AV. **Klin Med (Mosk)** 1984 Aug;62(8):136-30 (Eng. Abstr.) **(Rus)**

[Surgical tactics in small polyps in patients with polyposis of the large intestine] Fedorov VD, et al. **Vestn Khir** 1984 Aug;133(8):42-5 (Eng. Abstr.) **(Rus)**

[Management of the perineal wound in the postoperative treatment of patients with cancer of the rectum] Knysh VI, et al. **Vestn Khir** 1985 Jan;134(1):65-8 (Eng. Abstr.) **(Rus)**

[Use of microsurgical technic in abdominal surgery] Lebedev LV, et al. **Vestn Khir** 1985 Jan;134(1):28-33 (Eng. Abstr.) **(Rus)**

[Effectiveness of combined and complex treatment of patients with operable cancer of the rectum] Knysh VI, et al. **Vopr Onkol** 1984;30(10):42–8 (Eng. Abstr.) **(Rus)**

[Cancer of the large intestine and rectum in patients over 70 years of age] Pelikán A. **Rozhl Chir** 1984 Jul;63(7):515–8 (Eng. Abstr.) **(Slo)**

[Systematic monitoring of the postoperative rectum] Girona-Trigueros J, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 May-Jun; 20(3):143–9 (Eng. Abstr.) **(Spa)**

[Surgery of cancer of the rectum: retrospective analysis of a series of 123 cases. I. Etiopathogenic, diagnostic and anatomo-pathologic aspects] García Gil FA, et al. **Rev Esp Enferm Apar Dig** 1984 Nov;66(5):385–94 (Eng. Abstr.) **(Spa)**

[Surgery of cancer of the rectum: retrospective analysis of a series of 123 cases. II. Therapeutic aspects] Garciá Gil FA, et al. **Rev Esp Enferm Apar Dig** 1984 Nov; 66(5):395–404 (Eng. Abstr.) **(Spa)**

[Sigmoidostomy and quality of life—good planning can relieve the problems] Josefsson M, et al. **Lakartidningen** 1985 Jan 16;82(3):108–9 **(Swe)**

THERAPY

Recombinant leukocyte A interferon as single agent therapy or in combination with cimetidine in patients with advanced colo-rectal carcinoma. A phase II investigation. Flodgren P, et al. **Acta Radiol [Oncol]** 1985 Jan-Feb; 24(1):25–34

Resection of 'inoperable' rectal cancer following radiotherapy. James RD, et al. **Br J Surg** 1985 Apr; 72(4):279–81

Colorectal liver metastases—to treat or not to treat? Taylor I. **Br J Surg** 1985 Jul;72(7):511–6 (75 ref.)

Treatment of colorectal cancer. Grant DR. **Can J Surg** 1984 Nov;27(6):525–6

Prospectively randomized trial of adjuvant active-specific immunotherapy for human colorectal cancer. Hoover HC Jr, et al. **Cancer** 1985 Mar 15;55(6):1236–43

A Phase II trial of high-dose intravenous interferon alpha-2 in advanced colorectal cancer. Silgals RM, et al. **Cancer** 1984 Nov 15;54(10):2257–61

Adjuvant treatment of colorectal cancer. Current status and concepts. Metzger UF, et al. **Cancer Chemother Pharmacol** 1985;14(1):1–8 (90 ref.)

Phase II trial of high-dose recombinant leukocyte alpha-2 interferon for metastatic colorectal cancer without previous systemic treatment. Eggermont AM, et al. **Cancer Treat Rep** 1985 Feb;69(2):185–7

Preliminary research on the evaluation of some prognostic factors in a randomized study of adjuvant immunochemotherapy in colorectal adenocarcinoma. Lagomarsino Caprino MC, et al. **Chemioterapia** 1984 Feb; 3(1):3–9

New prospects in the conservative treatment of rectal cancer. Papillon J. **Dis Colon Rectum** 1984 Nov;27(11):695–700

Management of squamous cell carcinoma of the anus and adenocarcinoma of the lower rectum [editorial] Beahrs OH. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1741–2

Combination chemo-radiotherapy for residual, recurrent or inoperable carcinoma of the rectum: E.C.O.G. study (EST 3276). Danjoux CE, et al. **Int J Radiat Oncol Biol Phys** 1985 Apr;11(4):765–71

Treatment planning for colorectal cancer: radiation and surgical techniques and value of small-bowel films. Gunderson LL, et al. **Int J Radiat Oncol Biol Phys** 1985 Jul;11(7):1379–93

Design and thermometry of an intracavitary microwave applicator suitable for treatment of some vaginal and rectal cancers. Li DJ, et al. **Int J Radiat Oncol Biol Phys** 1984 Nov;10(11):2155–62

The use of radiation therapy combined with chemotherapy in the management of squamous cell carcinoma of the anus and marginally resectable adenocarcinoma of the rectum. Sischy B. **Int J Radiat Oncol Biol Phys** 1985 Sep; 11(9):1587–93

Improved results in rectal carcinoma with pre-operative radiation. Marks RD, et al. **J SC Med Assoc** 1985 May; 81(5):257–60

Adjuvant treatment of carcinoma of the rectum and colon [editorial] **Lancet** 1985 Aug 17;2(8451):367–8

Adjuvant treatment of carcinoma of the rectum and colon [letter] Heald RJ. **Lancet** 1985 Sep 7;2(8454):559

Prolongation of the disease-free interval in surgically treated rectal carcinoma. Gastrointestinal Tumor Study Group. **N Engl J Med** 1985 Jun 6;312(23):1465–72

Efficacy of large-volume plasma exchange in patients with chemotherapy-resistant metastatic colorectal cancer. Beyer JH, et al. **Oncology** 1985;42(2):72–9

Leukocyte adherence inhibition, natural killer cell activity, gamma-interferon production capacity and phytohemagglutinin response in patients treated with recombinant leukocyte A interferon. Tank B, et al. **Oncology** 1985;42(3):157–63

Intrarectal hyperthermia of circumferential rectal cancer. Report of 2 cases. Oshiumi Y, et al. **Radiat Med** 1984 Oct-Dec;2(4):265–9

High dose rDNA human alpha 2 interferon therapy in patients with advanced colorectal adenocarcinoma: a phase II study. Lundell G, et al. **Radiother Oncol** 1984 Mar; 1(4):325–32

Exfoliation as a mode of cancer elimination in rectal carcinoma. Okuyama S, et al. **Tohoku J Exp Med** 1984 Aug;143(4):503–4

[Treatment of benign and malignant tumors of the rectum, anal canal and anal margin] Gerard A, et al. **Bull Soc Sci Med Grand Duche Luxemb** 1984;121(1):23–6 **(Fre)**

[Current status of therapy of liver metastases of colorectal carcinoma] Ghussen F, et al. **Leber Magen Darm** 1985 Mar; 15(2):76–80 (44 ref.) (Eng. Abstr.) **(Ger)**

[Adjuvant immunochemotherapy with long-term OK-432 administration in colorectal cancer] Kikkawa N, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2163–9 (Eng. Abstr.) **(Jpn)**

[Surgical treatment and radiation therapy of colo-rectal cancer] **Rinsho Hoshasen** 1984 Dec;29(13):1537–8 **(Jpn)**

[Combined and radiation therapy of rectal cancer using metronidazole] Baran LA, et al. **Med Radiol (Mosk)** 1984 Sep;29(9):43–6 **(Rus)**

ULTRASTRUCTURE

Small-cell carcinoma of the rectum. Robidoux A, et al. **Dis Colon Rectum** 1985 Aug;28(8):594–6

VETERINARY

Rectal neoplasia in the dog: a clinicopathological review of 31 cases. Holt PE, et al. **Vet Rec** 1985 Apr 13;116(15):400–5

RECTAL PROLAPSE

ETIOLOGY

Rectal prolapse in scleroderma: case report and review of the colonic complications of scleroderma. D'Angelo G, et al. **Can J Surg** 1985 Jan;28(1):62–3

HISTORY

Classic articles in colonic and rectal surgery. Edmond Delorme 1847–1929. On the treatment of total prolapse of the rectum by excision of the rectal mucous membranes or recto-colic. **Dis Colon Rectum** 1985 Jul;28(7):544–53

OCCURRENCE

Rectal prolapse: a retrospective review at University District Hospital. Morales-Otero LA, et al. **Bol Asoc Med PR** 1984 Sep;76(9):385–7

PHYSIOPATHOLOGY

Abnormalities of colonic function in patients with rectal prolapse and faecal incontinence. Keighley MR, et al. **Br J Surg** 1984 Nov;71(11):892–5

Anorectal incontinence and rectal prolapse: differential assessment of the innervation to puborectalis and external anal sphincter muscles. Snooks SJ, et al. **Gut** 1985 May; 26(5):470–6

Rectoanal pressures and rectal compliance in children with rectal prolapse. Suzuki H, et al. **Jpn J Surg** 1985 May; 15(3):234–7

RADIOGRAPHY

[X-ray anatomy of the recto-genital pouch in the child] Chazal J, et al. **Bull Assoc Anat (Nancy)** 1983 Dec; 67(199):389–94 (Eng. Abstr.) **(Fre)**

SURGERY

A stapler modification of the altemeier procedure for rectal prolapse. Experimental and clinical evaluation. Bennett BH, et al. **Am Surg** 1985 Feb;51(2):116–20

Modified Thiersch operation for rectal prolapse. Technique and results. Poole GV Jr, et al. **Am Surg** 1985 Apr; 51(4):226–9

Treatment of rectal prolapse by sphincteric support using silastic rods. Hunt TM, et al. **Br J Surg** 1985 Jun; 72(6):491–2

Classic articles in colonic and rectal surgery. Roscoe Reid Graham 1890–1948. The operative repair of massive rectal prolapse. **Dis Colon Rectum** 1985 May;28(5):374–9

Rectal prolapse and anal incontinence treated with a modified Roscoe Graham operation. Klaaborg KE, et al. **Dis Colon Rectum** 1985 Aug;28(8):582–4

Use of Angelchik Anti-Reflux Prosthesis for repair of total rectal prolapse in elderly patients. Ladha A, et al. **Dis Colon Rectum** 1985 Jan;28(1):5–7

Anterior resection for complete rectal prolapse. Schlinkert RT, et al. **Dis Colon Rectum** 1985 Jun;28(6):409–12

The management of procidentia. 30 years' experience. Watts JD, et al. **Dis Colon Rectum** 1985 Feb;28(2):96–102

The use of prosthetic material in rectopexies. Detry RJ, et al. **Int Surg** 1984 Oct-Dec;69(4):301–4

Rectal prolapse. Siebbeles HW. **Minerva Chir** 1984 Nov 15; 39(21):1429–32

[Rectal prolapse treated operatively by the Pemperton-Stalker method] Qvist N. **Ugeskr Laeger** 1984 Sep 10;146(37):2778–80 (Eng. Abstr.) **(Dan)**

[Current surgical treatment of rectal prolapse in the adult] Lorenzini L. **Ann Gastroenterol Hepatol (Paris)** 1984 Oct-Nov;20(5):259–63 (Eng. Abstr.) **(Fre)**

[Late results following smooth muscle sphincter replacement] Schmidt E. **Chirurg** 1985 May;56(5):305–10 **(Ger)**

[Rectal prolapse in childhood] Keret D, et al. **Harefuah** 1985 May 1;108(9):459–61 **(Heb)**

[Surgical therapy of rectal prolapse. Our clinical experience of 12 years of observations] Gasbarro V, et al. **Chir Ital** 1984 Feb;36(1):30–6 (Eng. Abstr.) **(Ita)**

[Rectal prolapse] Vecchioni R, et al. **Minerva Chir** 1984 Oct 15;39(19):1349–50 **(Ita)**

[Personal experience in the treatment of rectal prolapse in children] Stojanović S, et al. **Med Pregl** 1984; 37(7–8):299–301 (Eng. Abstr.) **(Ser)**

[Treatment of complete rectal prolapse using ivalon sponge. Our experience and update] Soriano y Benítez de Lugo A, et al. **Rev Esp Enferm Apar Dig** 1984 Oct;66(4):311–6 (Eng. Abstr.) **(Spa)**

THERAPY

Rectal prolapse in children. Corman ML. **Dis Colon Rectum** 1985 Jul;28(7):535–9 (27 ref.)

VETERINARY

Rectal prolapse and cystic calculus in a burro. Snyder JR, et al. **J Am Vet Med Assoc** 1985 Aug 15;187(4):421–2

[Surgical treatment of rectal prolapse in a 1-year-old mare resecting only the mucous membrane] Pfeil L, et al. **Tierarztl Prax** 1984;12(3):350–3 (Eng. Abstr.) **(Ger)**

RECTAL SURGERY (SPECIALTY) see COLON AND RECTAL SURGERY (SPECIALTY)

RECTOCOLITIS, HEMORRHAGIC see COLITIS, ULCERATIVE

RECTOCOLITIS, ULCERATIVE see COLITIS, ULCERATIVE

RECTOVAGINAL FISTULA

CONGENITAL

The Klippel-Feil syndrome associated with rectovestibular fistula. Peh WC, et al. **Ann Acad Med Singapore** 1984 Jan; 13(1):102–6

ETIOLOGY

[Surgical management of combined urethro-, vesico- and recto-vaginal fistulas by islet skin flaps] Kelemen Z, et al. **Orv Hetil** 1985 Mar 17;126(11):659–61 (Eng. Abstr.) **(Hun)**

[Radiation-induced rectovaginal fistula (fistula rectovaginalis postradiologica)—a clinical problem] Szawłowski A. **Nowotwory** 1984 Jul-Sep;34(3):213–21 (Eng. Abstr.) **(Pol)**

SURGERY

Anal incontinence following obstetrical injury. Corman ML. **Dis Colon Rectum** 1985 Feb;28(2):86–9

Transanal rectovaginal fistula repair. Hoexter B, et al. **Dis Colon Rectum** 1985 Aug;28(8):572–5

[Proctectomy with preservation of continence] Lubbers EJ, et al. **Ned Tijdschr Geneeskd** 1985 Jul 6;129(27):1265–7 **(Dut)**

[Correction of rectovaginal fistulas] Krupp S, et al. **Helv Chir Acta** 1985 Apr;52(1):97–102 (Eng. Abstr.) **(Ger)**

[Possibilities of surgical closure of vesico- and rectovaginal fistulas in women operated on and treated by radiotherapy] Lotocki W. **Ginekol Pol** 1984 Nov;55(11):827–32 (Eng. Abstr.) **(Pol)**

[Value of creating an artificial anus using the right-side transverse colon (transversostomia dextra) in the treatment of post-radiation rectovaginal fistula] Szawlowski A, et al. **Nowotwory** 1984 Oct-Dec;34(4):349–54 (Eng. Abstr.) **(Pol)**

[Developmental anomalies of the rectum with fistulas of the genital organs in girls] Druchkova SL, et al. **Klin Khir** 1985; (6):7–9 (Eng. Abstr.) **(Rus)**

[Surgical treatment of atresia of the rectum with vaginal fistula in girls] Sitkovskiĭ NB, et al. **Klin Khir** 1985;(6):4–7 (Eng. Abstr.) **(Rus)**

[Surgical treatment of a severe postradiation complication] Moroz GS, et al. **Med Radiol (Mosk)** 1985 Aug;30(8):85–6 **(Rus)**

[Late results of the surgical treatment of anal atresia with a fistula into the vaginal vestibule] Sitkovskiĭ NB, et al. **Vestn Khir** 1984 Sep;133(9):115–7 (Eng. Abstr.) **(Rus)**

VETERINARY

Surgical management of perineal lacerations and rectovestibular fistulae in the mare: a retrospective study of 47 cases. Colbern GT, et al. **J Am Vet Med Assoc** 1985 Feb 1;186(3):265–9

RECTUM

Rectal examination and acute appendicitis. Dickson AP, et al. **Arch Dis Child** 1985 Jul;60(7):666–7

Ultrasonic fragmentation. A new technique for mucosal proctectomy. Heimann TM, et al. **Arch Surg** 1985 Oct; 120(10):1200–3

An unusual complication of self-administered treatment for haemorrhoids. Driscoll PA, et al. **Br J Clin Pract** 1984 Sep;38(9):327–8

Problems with rectal foreign bodies. French GW, et al. **Br J Surg** 1985 Mar;72(3):243–4

Problems with rectal foreign bodies [letter] Pattison CW, et al. **Br J Surg** 1985 Aug;7(8):673

Treatment of hypochloremic metabolic alkalosis by rectal infusion of calcium chloride [letter] Evora PR. **Crit Care Med** 1985 Oct;13(10):874

Foreign body rectum. A case report. Saleemi S, et al. **JPMA** 1985 Jun;35(6):195–6

Inhaled salbutamol for proctalgia fugax [letter] Wright JE. **Lancet** 1985 Sep 21;2(8456):659–60

Colonoscopic removal of large bowel foreign bodies: an alternative to laparotomy. Reyna TM. **Milit Med** 1985 Mar; 150(3):146–8

Early rectal tube removal for improved patient tolerance during double–contrast barium enema examination. Maglinte DD, et al. **Radiology** 1985 May;155(2):525–6

Rectum carried drugs may spread hepatitis A among drug addicts. Sundkvist T, et al. **Scand J Infect Dis** 1985; 17(1):1–4

Deferred rectal examination. Maull KI. **South Med J** 1985 May;78(5):622

[Acid phosphatases and rectal examination. A study with immunologic analysis] Madsen JL, et al. **Ugeskr Laeger** 1985 Jun 10;147(24):1932–3 (Eng. Abstr.) **(Dan)**

[Comparison of the efficacy of flunitrazepam as premedication in pediatric anesthesia, according to the route of administration (intramuscular, intrarectal)] Emperaire N, et al. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):11–5 **(Fre)**

[Flunitrazepam by the rectal route as premedication in children] Rosele B, et al. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):17–9 **(Fre)**

[A practice phantom for learning rectal digital examination] Klug W, et al. **Zentralbl Chir** 1985;110(11):695–8 **(Ger)**

[Radiation doses to the rectum in high dose rate intracavitary irradiation of cancer of the uterine cervix: with special reference to the difference between calculated and measured dose] Koga K, et al. **Rinsho Hoshasen** 1985 Jan; 30(1):173–6 (Eng. Abstr.) **(Jpn)**

[Peculiar case of a foreign body in the digestive tract] Stoiński M. **Wiad Lek** 1984 May 1;37(9):684–5 (Eng. Abstr.) **(Pol)**

[Sarcomas of pararectal fat] Koplatadze AM, et al. **Vopr Onkol** 1984;30(11):57–9 (Eng. Abstr.) **(Rus)**

ABNORMALITIES

Congenital anorectal malformations. Harbingers of sacrococcygeal teratomas. Moazam F, et al. **Arch Surg** 1985 Jul;120(7):856–9

The use of a lateral skin–flap perineoplasty in congenital anorectal malformations. Davies MR, et al. **J Pediatr Surg** 1984 Oct;19(5):577–80

String placement and progressive dilatations in the management of high membranous rectal atresia. Gauderer MW, et al. **J Pediatr Surg** 1984 Oct;19(5):600–2

Postoperative continence assessed by electromyography of the external sphincter in anorectal malformations. Iwai N, et al. **Z Kinderchir** 1985 Apr;40(2):87–90

[The Currarino triad. An autosomal–dominant inherited complex of anorectal malformation, sacrococcygeal defect and presacral tumor. Observation of 9 further cases] Holthusen W, et al. **ROFO** 1985 Jul;143(1):83–9 (Eng. Abstr.) **(Ger)**

[Additional anomalies in 2 children with the VACTERL association] Arrigo T, et al. **Minerva Pediatr** 1984 Jul 31; 36(13–14):713–8 (Eng. Abstr.) **(Ita)**

[Classification and clinical assessment of postoperative functions in anorectal anomalies] Ishihara M, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):1201–5 (Eng. Abstr.) **(Jpn)**

[Activities of the Japanese Group for the Study of Anorectal Anomalies] Saeki M. **Nippon Geka Gakkai Zasshi** 1984 Sep; 85(9):1196–200 (Eng. Abstr.) **(Jpn)**

[Functional and roentgenological studies of the anorectal area in intestinal diseases] Misharev OS, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):78–82 **(Rus)**

[Ano–rectal malformations. Experience of medico–surgical management in a second–level provincial hospital] Porras–Ramírez G. **Gac Med Mex** 1984 Nov–Dec; 120(11–12):397–403 **(Spa)**

BLOOD SUPPLY

Endoscopic sclerotherapy for bleeding rectal varices: a case report. Wang M, et al. **Am J Gastroenterol** 1985 Oct; 80(10):779–80

The surgical anatomy of the marginal artery. Billings PJ, et al. **Ann R Coll Surg Engl** 1984 Sep;66(5):334–5

With regard to the anatomic explanation of low rectal anastomotic leakage [letter] Stoppa R, et al. **Dis Colon Rectum** 1984 Nov;27(11):759–60

Fatal hemorrhage from rectal varices. Report of two cases. Waxman JS, et al. **Dis Colon Rectum** 1984 Nov; 27(11):749–50

[Hemorrhage caused by rectal varices and portal hypertension] Flageat J, et al. **J Radiol** 1984 Jun–Jul; 65(6–7):481–3 (Eng. Abstr.) **(Fre)**

[Colorectal angiodysplasias (vascular ectasias). Endoscopic morphology, localization and incidence] Ottenjann R, et al. **Dtsch Med Wochenschr** 1984 Oct 12;109(41):1549–52 (Eng. Abstr.) **(Ger)**

[Rheorectography in children with megacolon] Shumov ND, et al. **Klin Khir** 1985;(6):15–6 (Eng. Abstr.) **(Rus)**

[Revascularization of intestinal transplants] Andrianov AV. **Klin Med (Mosk)** 1984 Aug;62(8):136–30 (Eng. Abstr.) **(Rus)**

[Angiodysplasia of the pelvis in women] Anichkov MN, et al. **Vestn Khir** 1984 Nov;133(11):77–9 **(Rus)**

CYTOLOGY

Endocrine cell populations in the colon and rectum of cat, dog, and monkey: fine structure, immunocytochemistry, and distribution. Peranzi G, et al. **Anat Rec** 1984 Sep; 210(1):87–100

[Scanning electron microscopy of the rectal mucosa after ureterorectostomy] Pacini P, et al. **Arch Ital Anat Embriol** 1984 Jan–Mar;89(1):39–54 (Eng. Abstr.) **(Ita)**

DRUG EFFECTS

Atropine–sensitive, tetrodotoxin–resistant contraction induced by noradrenaline in isolated cat rectum. Neya T, et al. **Acta Med Okayama** 1985 Feb;39(1):53–7

Effect of filtrate containing Clostridium difficile toxin on rectal mucosa maintained in organ culture. Allan A, et al. **Digestion** 1985;32(1):25–9

Effect of adenosine 5'triphosphate (ATP) on the isolated rectum of the rainbow lizard Agama agama. Savage AO, et al. **Gen Pharmacol** 1985;16(3):235–40

Effect of warfarin on cell kinetics, epithelial morphology and tumour incidence in induced colorectal cancer in the rat. Goeting N, et al. **Gut** 1985 Aug;26(8):807–15

EMBRYOLOGY

[Surgical significance of Denonvillier's aponeurosis] Benoit G, et al. **Ann Urol (Paris)** 1984 Jun–Jul;18(4):284–7 (Eng. Abstr.) **(Fre)**

ENZYMOLOGY

Sodium potassium ATPase activity in human rectal mucosa with and without renal insufficiency. Hené RJ, et al. **Am J Kidney Dis** 1985 Mar;5(3):177–81

Clinical evaluation of the histochemical diagnosis of Hirschsprung's disease. Barr LC, et al. **Gut** 1985 Apr; 26(4):393–9

[Value of the assay of cholinesterase activity in superficial biopsies of the rectum in the diagnosis of Hirschsprung's disease] Caussé E, et al. **Pathol Biol (Paris)** 1985 Feb; 33(2):115–7 (Eng. Abstr.) **(Fre)**

[Value of determining casein kinase activity in the diagnosis of cancer of the large intestine] Vasil'ev VIu, et al. **Vrach Delo** 1985 Mar;(3):83–7 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Expression of carbohydrate antigen 19–9 and stage–specific embryonic antigen 1 in nontumorous and tumorous epithelia of the human colon and rectum. Gong E, et al. **JNCI** 1985 Sep;75(3):447–54

INJURIES

Management of rectal trauma. Tuggle D, et al. **Am J Surg** 1984 Dec;148(6):806–8

Foreign body urethral calculus 9 years after traumatic perforation of the rectum. Ahmed S, et al. **Br J Urol** 1985 Jun;57(3):359

Penetrating rectal wound from a bicycle saddle. Gourdie AL. **Injury** 1985 May;16(6):409–10

Blunt anorectal injuries in children. Vinsant GO, et al. **J Tenn Med Assoc** 1985 Mar;78(3):158–60

Clinical application of in vitro studies for barium–enema examination following colorectal biopsy. Harned RK, et al. **Radiology** 1985 Feb;154(2):319–21

Intra–operative orthograde colorectal wash–out in colonic trauma [letter] Baker LW, et al. **S Afr Med J** 1985 Feb 23;67(8):276

[Injury of the colorectal junction by a foreign body] Ziman P, et al. **Rozhl Chir** 1984 Oct;63(10):666–70 (Eng. Abstr.) **(Cze)**

[Wounds of the digestive tube (especially of the colon and rectum)] Boutelier P. **Ann Gastroenterol Hepatol (Paris)** 1984 Oct–Nov;20(5):271–4 (Eng. Abstr.) **(Fre)**

[Operation–induced iatrogenic lesions of the colon and rectum––diagnostic and therapeutic principles and legal insurance aspects] Adam G, et al. **Zentralbl Chir** 1984; 109(19):1251–67 (Eng. Abstr.) **(Ger)**

[Rectal perforation by a retroperitoneal barium infiltration. Surgical therapy] Brandt W, et al. **Zentralbl Chir** 1984; 109(19):1273–6 **(Ger)**

[Diagnosis and therapy of anorectal injuries] Keferstein RD, et al. **Zentralbl Chir** 1985;110(4):213–23 (Eng. Abstr.) **(Ger)**

[Intestinal injuries in rectosigmoidoscopy in expert opinion] Ludwig K, et al. **Zentralbl Chir** 1984;109(19):1268–72 (Eng. Abstr.) **(Ger)**

[Traumatic lesions of the rectum. Apropos of 6 cases] Balanzoni S, et al. **Minerva Chir** 1985 May 15;40(9):657–62 (Eng. Abstr.) **(Ita)**

[Surgical tactics in injuries of the perineum with an extraperitoneal wound of the rectum unassociated with labor] Kanshin NN, et al. **Khirurgiia (Mosk)** 1984 Aug; (8):77–80 (Eng. Abstr.) **(Rus)**

[Injuries of the colon and rectum] Usov DV, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):58–63 (Eng. Abstr.) **(Rus)**

[Surgical tactics in injuries of the rectum and colon] Butsenko BN, et al. **Klin Khir** 1985 Apr;(4):51–3 (Eng. Abstr.) **(Rus)**

[Multiple primary cancer of the large intestine associated with chemical burn of the rectum] Smirnov VE, et al. **Klin Khir** 1985 Feb;(2):47–8 **(Rus)**

[Errors and complications in the diagnosis and treatment of extraperitoneal rectal injuries] Lokhvitskii SV, et al. **Vestn Khir** 1985 Apr;134(4):123–5 (Eng. Abstr.) **(Rus)**

INNERVATION

Studies on the integrated extrinsic nervous control of rectal motility in the cat. Hedlund H, et al. **Acta Physiol Scand** 1985 May;124(1):43–51

Efferent sympathetic nervous control of rectal motility in the cat. Hedlund H, et al. **Acta Physiol Scand** 1984 Aug; 121(4):317–24

Immunohistochemistry as an aid in the diagnosis of Hirschsprung's disease. Hall CL, et al. **Am J Clin Pathol** 1985 Feb;83(2):177–81

A pharmacological analysis of the responses of the gastrointestinal smooth muscle of the bat to transmural and periarterial nerve stimulation. Cole OF, et al. **Br J Pharmacol** 1985 Mar;84(3):587–93

Effect of brain–stem lesion on colonic and anorectal motility. Study of three patients. Weber J, et al. **Dig Dis Sci** 1985 May;30(5):419–25

Identification of rectal ganglion cells using monoclonal antibodies. Scallen C, et al. **J Pediatr Surg** 1985 Feb; 20(1):37–40

A smooth muscle excitatory material from the nerve of Remak of the chicken rectum. Komori S, et al. **Jpn J Pharmacol** 1984 Dec;36(4):431–40

Lamellar arrangement of neuronal somata in the dorsal root ganglion of the cat. Kausz M, et al. **Somatosens Res** 1985; 2(3):193–204

METABOLISM

Rectal, oral and I.A. administration of etomidate to rats: significant avoidance of hepatic first–pass elimination following rectal administration. de Boer AG, et al. **Arch Int Pharmacodyn Ther** 1984 Aug;270(2):180–91

Rectal absorption of [Asu1,7]–eel calcitonin in rats. Miyake M, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):740–5

Mechanism of the enhancement of rectal permeability of drugs by nonsteroidal anti–inflammatory drugs. Nakanishi K, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3187–93

Enhancement of rectal absorption of ampicillin by sodium salicylate in rabbits. Nishihata T, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2433–8

Relationship between rectal mucosal prostaglandin production and water and electrolyte transport in ulcerative colitis. Rampton DS, et al. **Digestion** 1984; 30(1):13–22

Abnormal goblet cell glycoconjugates in rectal biopsies associated with an increased risk of neoplasia in patients with ulcerative colitis: early results of a prospective study. Boland CR, et al. **Gut** 1984 Dec;25(12):1364–71

Topical administration of 5–aminosalicylic acid enemas in patients with ulcerative colitis. Studies on rectal absorption and excretion. Campieri M, et al. **Gut** 1985 Apr;26(4):400–5

Comparison of the effects of sodium salicylate, disodium ethylenediaminetetraacetic acid and polyoxyethylene–23–lauryl ether as adjuvants for the rectal absorption of sodium cefoxitin. Nishihata T, et al. **J Pharm Pharmacol** 1985 Mar;37(3):159–63

The promotion of drug rectal absorption by water absorption. Shiga M, et al. **J Pharm Pharmacol** 1985 Jun;37(6):446–7

Enhanced rectal absorption of [Asu1,7]–eel calcitonin in rats using polyacrylic acid aqueous gel base. Morimoto K, et al. **J Pharm Sci** 1984 Oct;73(10):1366–8

Possible mechanism behind the adjuvant action of phosphate derivatives on rectal absorption of cefoxitin in rats and dogs. Nishihata T, et al. **J Pharm Sci** 1984 Nov; 73(11):1523–5

Absorption–promoting adjuvants: animal studies on their effects on rectal drug absorption. Caldwell L, et al. **Methods Find Exp Clin Pharmacol** 1984 Sep;6(9):503–7

Characteristics of drug absorption via the rectal route. Muranishi S. **Methods Find Exp Clin Pharmacol** 1984 Dec; 6(12):763–72 (32 ref.)

Cl– –channels in the apical cell membrane of the rectal gland 'induced' by cAMP. Greger R, et al. **Pflugers Arch** 1985 Apr;403(4):446–8

Biopharmaceutical investigation of rectal suppositories. Part 2(1): Pharmaceutical and biological availability of phenobarbital and phenobarbital–sodium. Minkov E, et al. **Pharmazie** 1985 Apr;40(4):257–9

[Rectal absorption of steroids] Cameron BD, et al. **Arzneimittelforschung** 1985;35(6):953–7 (Eng. Abstr.) **(Ger)**

MICROBIOLOGY

Chlamydia trachomatis in the pharynx and rectum of heterosexual patients at risk for genital infection. Jones RB, et al. **Ann Intern Med** 1985 Jun;102(6):757–62

Influence of rectal washout on bacterial counts in the rectal stump. Scammell BE, et al. **Br J Surg** 1985 Jul;72(7):548–50

Antibiotic resistance of gram negative rectal flora. Kanwar A, et al. **Indian Pediatr** 1984 Sep;21(9):729-35

The microbial flora of the rectal mucosa and faeces of patients with Crohn's disease before and during antimicrobial chemotherapy. Hudson MJ, et al. **J Med Microbiol** 1984 Dec;18(3):335-45

Association of rectal and urethral colonization with urinary tract infection in patients with indwelling catheters. Daifuku R, et al. **JAMA** 1984 Oct 19;252(15):2028-30

Trichosporon beigelii: increased occurrence in homosexual men. Torssander J, et al. **Mykosen** 1985 Jul;28(7):355-6

[Presence of yeasts of the genus Candida in the digestive tract of women with vaginal candidiasis] Mańka W. **Ginekol Pol** 1984 Dec;55(12):945-50 (Eng. Abstr.) **(Pol)**

[Relationship between neonatal group B streptococcal colonization and the maternal urogenital and anorectal system carrier state] Gökalp AS, et al. **Mikrobiyol Bul** 1985 Apr;19(2):65-72 (Eng. Abstr.) **(Tur)**

PARASITOLOGY

Utility of culture technique for both faeces and biopsy material for the diagnosis of Entamoeba histolytica. Nanda R, et al. **Indian J Gastroenterol** 1985 Jul;4(3):145-6

[Comparison of the probability of detecting schistosome ova within the rectal wall by rectal microscopy] Sun R. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):163 **(Chi)**

PATHOLOGY

Abdominal aortic aneurysm complicated by rectal necrosis. An unusual complication. Stenberg B, et al. **Acta Chir Scand** 1984;150(6):497-8

Rectal epithelium in the acquired immunodeficiency syndrome [letter] Snover DC. **Ann Intern Med** 1985 Feb;102(2):278-9

Proliferative and antigenic properties of rectal cells in patients with chronic ulcerative colitis. Biasco G, et al. **Cancer Res** 1984 Nov;44(11):5450-4

A heterosexual man with rash and rectal mass. Casanova GA, et al. **Hosp Pract [Off]** 1985 Aug 15;20(8):53

The fate of the rectal segment after diversion of the fecal stream in Crohn's disease: its implications for surgical management. Korelitz BI, et al. **J Clin Gastroenterol** 1985 Feb;7(1):37-43

Campylobacter jejuni isolated from a rectal biopsy specimen [letter] Roué R, et al. **J Infect Dis** 1985 May;151(5):976

Lymphoid polyps of the rectum. McNicholas T, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):297-302

Hypoganglionosis of the myenteric plexus with normal Meissner's plexus: a new variant of colonic ganglion cell disorders. Ariel I, et al. **J Pediatr Surg** 1985 Feb;20(1):90-2

Adult GM1-gangliosidosis: clinical patterns and rectal biopsy. Nakano T, et al. **Neurology** 1985 Jun;35(6):875-80

Subcellular fractionation of rectal biopsy homogenates from patients with inflammatory bowel disease. O'Morain C, et al. **Scand J Gastroenterol** 1985 Mar;20(2):209-14

Rectal wall thickness measured by ultrasound in chronic inflammatory diseases of the colon. Rasmussen SN, et al. **Scand J Gastroenterol** 1985 Jan;20(1):109-14

The relationship between intestinal hyperplasia and carcinogenesis. Williamson RC, et al. **Scand J Gastroenterol [Suppl]** 1984;104:57-76

Histochemical confirmation of the acetylcholinesterase-activity in rectal suction biopsy from neonates with Hirschsprung's disease. Goto S, et al. **Z Kinderchir** 1984 Aug;39(4):246-9

New application of catecholamine fluorescence histochemistry using glyoxylic acid for diagnosis of Hirschsprung's disease by rectal biopsy. Tsuto T, et al. **Z Kinderchir** 1984 Aug;39(4):250-2

[Reliability of the rectal mucosa biopsy in detecting aganglionic sections in the rectal wall] Skába R, et al. **Rozhl Chir** 1984 Nov;63(11):708-14 (Eng. Abstr.) **(Cze)**

[Stercoral perforation of the colon and rectum] Larsen ST, et al. **Ugeskr Laeger** 1984 Dec 10;146(50):3924 (Eng. Abstr.) **(Dan)**

[Ultrashort segment Hirschsprung disease. An objective picture of the disease substantiated by biopsy] Meier-Ruge W. **Z Kinderchir** 1985 Jun;40(3):146-50 (Eng. Abstr.) **(Ger)**

[Clinico-anatomical examination of the lower recto-anal region with a model specimen 'sugatazukuri'--with special reference to the characteristics of upper anal cancer] Hamahata H. **Igaku Kenkyu** 1984 May;54(5):472-96 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Effects of age and sex on anorectal manometry. Loening-Baucke V, et al. **Am J Gastroenterol** 1985 Jan;80(1):50-3

Mechanisms of rectal continence. Lessons from the ileoanal procedure. Beart RW Jr, et al. **Am J Surg** 1985 Jan;149(1):31-4

Anorectal profilometry with the microtransducer. Varma JS, et al. **Br J Surg** 1984 Nov;71(11):867-9

Brain, blood and rectal temperature during whole body cooling. Kiley JP, et al. **Comp Biochem Physiol [A]** 1984;79(4):631-4

Effects of beta-adrenoceptor stimulation on rectosigmoid motility in man. Lyrenäs E, et al. **Dig Dis Sci** 1985 Jun;30(6):536-40

Effect of painless rectal distension on gastrointestinal transit of solid meal. Youle MS, et al. **Dig Dis Sci** 1984 Oct;29(10):902-6

Sigmoidal and rectal motility in healthy elderly. Loening-Baucke V, et al. **J Am Geriatr Soc** 1984 Dec;32(12):887-91

Hypothalamic, rectal, and muscle temperatures in exercising dogs: effect of cooling. Kruk B, et al. **J Appl Physiol** 1985 May;58(5):1444-8

[Measurement of the rectal temperature of rats using a thermoresistor thermometer] Bohdanecká M, et al. **Cesk Fysiol** 1985;34(3):245-9 **(Cze)**

[Methodologic studies of manometry of the rectum] Klotter HJ, et al. **Zentralbl Chir** 1985;110(6):339-50 (Eng. Abstr.) **(Ger)**

[Effect of ambient temperature on the relationship between increase in rectal temperature and body build during submaximal work] Iwanaga K, et al. **Ann Physiol Anthropol** 1984 Jan;3(1):31-7 (Eng. Abstr.) **(Jpn)**

[Correlation between the thyroxine, 17-beta-estradiol and luteinizing hormones in the systemic circulation and the rectal and vaginal temperature in heifers and cows after administration of cloprostenol]Elečko J, et al. **Vet Med (Praha)** 1985 May;30(5):257-66 (Eng. Abstr.) **(Slo)**

[Clinical value of anorectal manometry in childhood] Gil-Vernet Huguet JM, et al. **An Esp Pediatr** 1985 Mar 31;22(4):299-305 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

A prospective manometric study of the effect of anal fistula surgery on anorectal function. Sainio P, et al. **Acta Chir Scand** 1985;151(3):279-88

The healing process in high and low anterior resection of the rectum. A comparative study in the pig, using stapling devices. Graffner H, et al. **Dis Colon Rectum** 1984 Dec;27(12):772-4

Phantom sensations after excision of the rectum. Lubbers EJ. **Dis Colon Rectum** 1984 Dec;27(12):777-8

Electrophysiologic and manometric assessment of failed postanal repair for anorectal incontinence. Snooks SJ, et al. **Dis Colon Rectum** 1984 Nov;27(11):733-6

Comparative esophageal and anorectal motility in scleroderma. Hamel-Roy J, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):1-7

Abnormal rectoanal function in children recovered from chronic constipation and encopresis. Loening-Baucke VA. **Gastroenterology** 1984 Dec;87(6):1299-304

Different patterns of intestinal transit time and anorectal motility in painful and painless chronic constipation. Lanfranchi GA, et al. **Gut** 1984 Dec;25(12):1352-7

Gastrointestinal transit time and anorectal manometry in children with fecal soiling. Cucchiara S, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):545-50

Anorectal manometry for the exclusion of Hirschsprung's disease in neonates. Loening-Baucke V, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):596-603

Time separation between cough pulses in bladder, rectum and urethra in women. van der Kooi JB, et al. **J Urol** 1984 Dec;132(6):1275-8

Radiologic diagnosis of Hirschsprung's disease utilizing rectosphincteric reflex. Nagasaki A, et al. **Pediatr Radiol** 1984;14(6):384-7

Aldosterone metabolism and transepithelial potential difference in normal and cystic fibrosis subjects. Knowles MR, et al. **Pediatr Res** 1985 Jul;19(7):676-9

[Manometric examination of children with chronic constipation] Skába R, et al. **Rozhl Chir** 1985 Apr;64(4):304-11 (Eng. Abstr.) **(Cze)**

[Functional study of the anorectal region in hemorrhagic rectocolitis] Zielinski B. **Ann Gastroenterol Hepatol (Paris)** 1984 Oct-Nov;20(5):243-8 (Eng. Abstr.) **(Fre)**

[Anorectal motility in idiopathic constipation. Study of 200 consecutive patients] Ducrotté P, et al. **Gastroenterol Clin Biol** 1985 Jan;9(1):10-5 (Eng. Abstr.) **(Fre)**

[Results of anorectal manometry for the determination of age- and sex-dependent pressure differences] Poos RJ, et al. **Z Gastroenterol** 1984 Oct;22(10):592-7 (Eng. Abstr.) **(Ger)**

[Study of the recto-anal region using electromanometry and transmucosal potential differences in patients with progressive systemic sclerosis. Preliminary results] Di Martino N, et al. **Minerva Chir** 1985 Feb 15;40(3):125-31 **(Ita)**

RADIATION EFFECTS

Rectal complication after remote afterloading intracavitary therapy for carcinoma of the uterine cervix. Teshima T, et al. **Strahlentherapie** 1985 Jun;161(6):343-7

[Surgical treatment of severe radiation injuries of the small intestine and colon-rectum. Apropos of 85 patients surgically-treated at the Gustave-Roussy Institute] Lasser P, et al. **J Chir (Paris)** 1985 Jan;122(1):27-35 (Eng. Abstr.) **(Fre)**

[Chronic radiation sequelae in the rat rectum following intracavitary irradiation with different doses] Kiszel Z, et al. **Strahlentherapie** 1985 Jun;161(6):348-53 (Eng. Abstr.) **(Ger)**

[Prevention of radiation damage to the bladder and rectum using local application of dimethyl sulfoxide] Zharinov GM, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):16-8 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Diagnosis of disturbances of continence and defecation. Kuijpers HC, et al. **Dis Colon Rectum** 1984 Oct;27(10):658-62

Physiologic investigation of primary chronic constipation in children: comparison with the barium enema study. Meunier P, et al. **Gastroenterology** 1984 Dec;87(6):1351-7

Defecographic and tonometric aspects in idiopathic anorectal constipation. Muzzio PC, et al. **J Belge Radiol** 1984;67(2):87-91

[When is computed tomography indicated in dilatation of the retrorectal space?] Krestin GP, et al. **Rontgenblatter** 1985 Mar;38(3):93-7 (Eng. Abstr.) **(Ger)**

[Roentgenologic anatomy of the colon and rectum in children] Levin MD. **Vestn Rentgenol Radiol** 1985 Mar-Apr;(2):40-5 (Eng. Abstr.) **(Rus)**

[Colpoperineogram in pre- and postoperative periods of prolapse patients] Tisné J, et al. **Rev Chil Obstet Ginecol** 1981;46(1):3-9 (Eng. Abstr.) **(Spa)**

SECRETION

Mechanism of NaCl secretion in rectal gland tubules of spiny dogfish (Squalus acanthias). II. Effects of inhibitors. Greger R, et al. **Pflugers Arch** 1984 Dec;402(4):364-75

Mechanism of NaCl secretion in rectal gland tubules of spiny dogfish (Squalus acanthias). III. Effects of stimulation of secretion by cyclic AMP. Greger R, et al. **Pflugers Arch** 1984 Dec;402(4):376-84

SURGERY

A modified technique for stapled anastomosis after the Hartmann procedure. Moesgaard F, et al. **Acta Chir Scand** 1984;150(8):693-4

Preservation of the anorectum. Wolff BG, et al. **Adv Surg** 1984;18:1-35 (96 ref.)

Perineal hernias after proctectomy. A new approach to repair. Brotschi E, et al. **Am J Surg** 1985 Feb;149(2):301-5

Results after posterior sagittal anorectoplasty: a new approach to high imperforate anus. Cahill JL, et al. **Am J Surg** 1985 May;149(5):629-31

Effect of preoperative irradiation on the healing of colorectal anastomoses [editorial] Cummings BJ. **Am J Surg** 1985 May;149(5):695-7

Prophylaxis with whole gut irrigation and antimicrobials in colorectal surgery. A prospective, randomized double-blind clinical trial. Gottrup F, et al. **Am J Surg** 1985 Mar;149(3):317-22

Complications and quality of life after ileorectal anastomosis for ulcerative colitis. Oakley JR, et al. **Am J Surg** 1985 Jan;149(1):23-30

Cecoproctostomy. Ryan JA Jr, et al. **Am J Surg** 1985 May;149(5):636-9

The parasacral approach to the rectum. Hawkins FE Jr, et al. **Am Surg** 1984 Nov;50(11):623-7

Hemodynamic and plasma catecholamine responses to epinephrine-containing perianal lidocaine anesthesia. Barber WB, et al **Anesth Analg** 1985 Sep;64(9):924-8

Primary suture of the perineal wound using constant suction and irrigation, following rectal excision for inflammatory bowel disease. Elliot MS, et al. **Ann R Coll Surg Engl** 1985 Jan;67(1):6-7

A ten-year experience with ninety-two cases of Hirschsprung's disease. Including sixty-seven consecutive endorectal pull-through procedures. Polley TZ Jr, et al. **Ann Surg** 1985 Sep;202(3):349-55

Motility of the small intestine after proctocolectomy and ileal pouch-anal anastomosis. Stryker SJ, et al. **Ann Surg** 1985 Mar;201(3):351-6

Anal sphincter electromyography after colectomy, mucosal rectectomy, and ileoanal anastomosis. Stryker SJ, et al. **Arch Surg** 1985 Jun;120(6):713-6

New concepts in severe presacral hemorrhage during proctectomy. Wang QY, et al. **Arch Surg** 1985 Sep;120(9):1013-20

The use of gentamicin-PMMA chains in colorectal surgery. Spence RA, et al. **Br J Clin Pract** 1984 Jul-Aug;38(7-8):252-4

Staples or sutures for low colorectal anastomoses: a prospective randomized trial. McGinn FP, et al. **Br J Surg** 1985 Aug;7(8):603-5

The effect of resection of the distal ileum on gastric emptying, small bowel transit and absorption after proctocolectomy. Neal DE, et al. **Br J Surg** 1984 Sep;71(9):666-70

Quality of life after restorative proctocolectomy with pelvic ileal reservoir. Pezim ME, et al. **Br J Surg** 1985 Jan;72(1):31-3

The current status of mucosal proctectomy and ileo-anal anastomosis in the surgical treatment of ulcerative colitis and adenomatous polyposis. Williams NS, et al. **Br J Surg** 1985 Mar;72(3):159-68 (155 ref.)

The effect of a reversed ileal segment and artificial valve on intestinal transit and absorption following colectomy and low ileorectal anastomosis in the dog. Williams NS, et al. **Br J Surg** 1985 Mar;72(3):169-74

Single-layer large-bowel anastomosis: a report of 250 cases.

Errett LE, et al. **Can J Surg** 1985 Mar;28(2):148–9

Experimental low colorectal anastomosis. Grant DR, et al. **Can J Surg** 1985 Jan;28(1):57–9

Factors influencing local recurrence after abdominoperineal resection for cancer of the rectum. Adloff M, et al. **Dis Colon Rectum** 1985 Jun;28(6):413–5

The risk of developing rectal cancer after colectomy and ileorectal anastomosis in Danish patients with polyposis coli. Bülow S. **Dis Colon Rectum** 1984 Nov;27(11):726–9

Abdominoperineal endoanal pull-through resection. A comparative study between immediate and delayed colorectal anastomosis. Cutait DE, et al. **Dis Colon Rectum** 1985 May;28(5):294–9

Mucosal proctectomy and ileostomy as an alternative to conventional proctectomy. Fasth S, et al. **Dis Colon Rectum** 1985 Jan;28(1):31–4

Ultrasonic mucosal proctectomy without endorectal pull-through. Heimann TM, et al. **Dis Colon Rectum** 1985 May;28(5):336–40

A simple device to facilitate the 'double stapling technique' for low anterior resection. Hughes KS, et al. **Dis Colon Rectum** 1984 Oct;27(10):684–5

The fate of the rectal stump after subtotal colectomy for ulcerative colitis. Oakley JR, et al. **Dis Colon Rectum** 1985 Jun;28(6):394–6

Is anterior resection of the rectosigmoid safe after preoperative radiation? Roberson SH, et al. **Dis Colon Rectum** 1985 Apr;28(4):254–9

Local recurrence of rectal carcinoma after hand-sewn and stapled anastomoses. Rosen CB, et al. **Dis Colon Rectum** 1985 May;28(5):305–9

Anterior resection for complete rectal prolapse. Schlinkert RT, et al. **Dis Colon Rectum** 1985 Jun;28(6):409–12

Transrectal repair of rectocele: an extended armamentarium of colorectal surgeons. A report of 355 cases. Sehapayak S. **Dis Colon Rectum** 1985 Jun;28(6):422–33

Endorectal ileal pull-through for ulcerative colitis and polyposis in children. Soave F. **Dis Colon Rectum** 1985 Feb;28(2):76–80

Anastomosis to the rectum. Operative experience. Steinhagen RM, et al. **Dis Colon Rectum** 1985 Feb;28(2):105–9

Low colorectal anastomoses. An experimental assessment of two sutured and two stapled techniques. Templeton JL, et al. **Dis Colon Rectum** 1985 Jan;28(1):38–41

Effect of aztreonam on the colon microflora in patients undergoing colorectal surgery. Kager L, et al. **Infection** 1985 May–Jun;13(3):111–4

Chemoprophylaxis of postoperative infections in colorectal surgery. Rakovec S, et al. **Int J Clin Pharmacol Res** 1985; 5(3):181–3

The anterior resection operation revisited. Jascalevich ME. **Int Surg** 1984 Apr–Jun;69(2):163–6

Intracolonic by-pass: a new technique to prevent anastomotic complications in colon and rectal surgery. Castrini G, et al. **Ital J Surg Sci** 1984;14(3):189–93

Clinical, endoscopic and histologic review in patients submitted to colectomy and ileorectal anastomosis for ulcerative colitis. Milito G, et al. **Ital J Surg Sci** 1984; 14(4):275–80

Prophylactic use of cefotaxime in colonic and rectal surgery. Favre JP, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:247–53

Impact of single dose as compared to three dose prophylaxis with latamoxef (moxalactam) on the colonic microflora in patients undergoing colorectal surgery. Kager L, et al. **J Antimicrob Chemother** 1984 Aug;14(2):171–7

The use of povidone-iodine enema as pre-operative preparation for colorectal surgery: bacteriological study. Hay JM, et al. **J Hosp Infect** 1985 Mar;6 Suppl A:115–6

A high incidence of bleeding is observed in a trial to determine whether addition of metronidazole is needed with latamoxef for prophylaxis in colorectal surgery. Morris DL, et al. **J Hosp Infect** 1984 Dec;5(4):398–408

New operative technique for Hirschsprung's disease. Miyano T, et al. **J Pediatr Surg** 1985 Apr;20(2):160–3

Prophylactic metronidazole with and without cefuroxime in elective colorectal surgery. A prospective randomised double-blind study. Cunliffe WJ, et al. **J R Coll Surg Edinb** 1985 Apr;30(2):123–5

Perineal healing after panproctocolectomy for inflammatory bowel disease. Irving AD, et al. **J R Coll Surg Edinb** 1984 Sep;29(5):313–5

Hartmann's pouch carcinoma. Lafreniere R, et al. **J Surg Oncol** 1985 May;29(1):26–7

Motility of the anorectum after 'rectoplasty with posterior triangular colonic flap' in Hirschsprung's disease. Suzuki H, et al. **Jpn J Surg** 1984 Jul;14(4):335–8

Anorectal preservation [editorial] **Lancet** 1984 Oct 6; 2(8406):791–2

A double-split gluteus maximus muscle flap for reconstruction of the rectal sphincter. Orgel MG, et al. **Plast Reconstr Surg** 1985 Jan;75(1):62–7

Amelioration of phantom-organ pain with hypnosis and behavior modification: brief case report. Baker SR. **Psychol Rep** 1984 Dec;55(3):847–50

Local recurrence after sphincter-saving resection for rectal and rectosigmoid carcinoma. Value of various diagnostic methods. Grabbe E, et al. **Radiology** 1985 May; 155(2):305–10

Sphincter preservation in patients with low rectal cancer treated with radiation therapy with or without local excision or fulguration. Rich TA, et al. **Radiology** 1985 Aug;156(2):527–31

Prophylactic antimicrobials in elective colorectal and biliary surgery. Perrott CA, et al. **S Afr Med J** 1985 Sep 14; 68(6):387–91

Stapled anastomosis after colorectal resection for benign and malignant disease. Raidoo SN, et al. **S Afr Med J** 1984 Nov 24;66(21):819–21

End to side ileoproctostomy. Bunt TJ. **Surg Gynecol Obstet** 1985 Jun;160(6):567–8

The reverse end insertion technique for rectal anastomosis with the EEA stapler. Ramirez OM, et al. **Surg Gynecol Obstet** 1985 Mar;160(3):266–7

The everted rectal stump technique for the application of the distal pursestring suture in the construction of stapled anastomoses. Slutzki S, et al. **Surg Gynecol Obstet** 1985 Sep;161(3):287–8

An anterior approach for excision of benign tumors of the middle part of the rectum. Thorlakson RH. **Surg Gynecol Obstet** 1984 Nov;159(5):498–500

The incidence of wound infection after stapled or sutured bowel anastomosis and stapled or sutured skin closure in humans and guinea pigs. Panton ON, et al. **Surgery** 1985 Jul;98(1):20–4

Intersphincteric proctectomy. Zeitels JR, et al. **Surgery** 1984 Oct;96(4):617–23

Bladder urethral dysfunction after abdominoperineal resection of the rectum for ano-rectal cancer. Zanolla R, et al. **Tumori** 1984 Dec 31;70(6):555–9

Effect of abdominal perineal resection on genitourinary tract. Gillespie L, et al. **Urology** 1985 Mar;25(3):259–63

[Problems with automatic suturing of low colorectal anastomosis. Product control] Wamberg P, et al. **Ugeskr Laeger** 1984 Oct 1;146(40):3017–9 (Eng. Abstr.) **(Dan)**

[Secondary amputation of the rectum for neoplastic recurrence after rectal resection. Personal experience in 11 cases] Adloff M, et al. **Chirurgie** 1985;111(2):156–62 (Eng. Abstr.) **(Fre)**

[Evaluation of 172 manual and mechanical colorectal anastomosis] Pélissier E, et al. **Chirurgie** 1984; 110(6–7):650–4 (Eng. Abstr.) **(Fre)**

[Original technic of locoregional antibiotic prevention in abdominoperineal amputation of the rectum using gentamicin beads (letter)] Yakoun M, et al. **Presse Med** 1984 Dec 22;13(46):2814 **(Fre)**

[Colorectal anastomoses] Denecke H, et al. **Chirurg** 1984 Oct; 55(10):638–44 **(Ger)**

[Operational technic for abdomino-transanal rectum excision] Gemsenjäger E. **Chirurg** 1984 Oct;55(10):670–6 **(Ger)**

[Metronidazole and neomycin in wound infection prophylaxis in colon and rectal surgery] Nowak W, et al. **Nahrung** 1984; 28(6–7):685–7 (Eng. Abstr.) **(Ger)**

[CT following abdominosacral amputation of the rectum—a critical study of methods] Klöppel R, et al. **Radiol Diagn (Berl)** 1984;25(5):497–505 (Eng. Abstr.) **(Ger)**

[Experiences with fibrin adhesives in surgery of the rectum and colon] Athanasiadis S, et al. **Zentralbl Chir** 1984; 109(17):1107–11 (Eng. Abstr.) **(Ger)**

[Value of ileorectal anastomosis in the treatment of ulcerative colitis. Clinical and functional results in 16 patients] Athanasiadis S, et al. **Zentralbl Chir** 1984;109(18):1197–206 (Eng. Abstr.) **(Ger)**

[Results of postoperative citrate irrigation following deep rectum resection] Krönung G. **Zentralbl Chir** 1984; 109(18):1207–11 (Eng. Abstr.) **(Ger)**

[The key to success in median evaginating rectocolonic resection] Allegra G. **Ann Gastroenterol Hepatol (Paris)** 1984 May–Jun;20(3):153–5 (Eng. Abstr.) **(Ita)**

[Indications and advantages of low colorectal anastomosis using the Dubois colorectal V-plasty] Bocchetti R, et al. **Minerva Chir** 1985 Feb 15;40(3):101–3 (Eng. Abstr.) **(Ita)**

[Preoperative preparation in elective recto-colonic surgery. Our experience] Ferraris R, et al. **Minerva Chir** 1985 May 31;40(10):693–701 (Eng. Abstr.) **(Ita)**

[Ileo-proctostomy with an EEA stapler. Proposal of a technic] Ferraro M, et al. **Minerva Chir** 1985 Jun 30; 40(12):863–5 (Eng. Abstr.) **(Ita)**

[Prevention of infections in surgery of the colorectum. Evaluation of the combined activity of clindamycin and tobramycin] Gramegna A, et al. **Minerva Chir** 1985 Feb 15;40(3):115–20 **(Ita)**

[Low anterior resection with latero-terminal mechanical anastomosis in the treatment of cancer of the rectus] Mari C, et al. **Minerva Chir** 1984 Jul 15–31;39(13–14):1009–13 (Eng. Abstr.) **(Ita)**

[Anastomotic recurrence after sphincter saving resection for carcinoma of the rectum] Hojo K. **Nippon Geka Gakkai Zasshi** 1984 Dec;85(12):1537–44 (Eng. Abstr.) **(Jpn)**

[Ano-rectal-colonic injuries. Considerations apropos of 10 cases] Mieli CA, et al. **AMB** 1984 May–Jun;30(5–6):131–4 (Eng. Abstr.) **(Por)**

[Prevention of postoperative complications by early activation of patients after surgery of the large intestine] Smirnova VI, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):97–9 **(Rus)**

[New method of coloproctectomy] Voĭtenko AA, et al. **Klin Khir** 1985 Feb;(2):54–6 **(Rus)**

[Method of endorectal ileoanal anastomosis] Baltaĭtis IuV, et al. **Sov Med** 1985;(1):83–6 **(Rus)**

ULTRASTRUCTURE

Ultrastructural changes in the rectal mucosa of patients with rheumatoid arthritis. Struthers GR, et al. **Ann Rheum Dis** 1985 Sep;44(9):625–30

Collagenous colitis. Ultrastructural study and collagen immunotyping of four cases. Flejou JF, et al. **Arch Pathol Lab Med** 1984 Dec;108(12):977–82

Electron microscopy of the intestine and rectum in acquired immunodeficiency syndrome. Dobbins WO 3d, et al. **Gastroenterology** 1985 Mar;88(3):738–49

Rectal mucosal morphologic abnormalities in normal subjects in southern India: a tropical colonopathy? Mathan MM, et al. **Gut** 1985 Jul;26(7):710–7

Local Shwartzman reaction in the rectal mucosa in acute diarrhoea. Mathan MM, et al. **J Pathol** 1985 Jul; 146(3):179–87

Nuclear changes in colo-rectal epithelium with special reference to nuclear inclusions in carcinoma, dysplasia, adenoma and Peutz-Jeghers polyps. Sato E, et al. **Tohoku J Exp Med** 1985 May;146(1):9–16

[Presence of ultrastructural markers of AIDS in rectal biopsies at the early stage of the disease (letter)] Leport C, et al. **Gastroenterol Clin Biol** 1984 Dec;8(12):983–4 **(Fre)**

[Ultrastructural observation of skin, peripheral blood cells and rectal mucosa in late infantile ceroid-lipofuscinosis] Kimura S. **No To Hattatsu** 1985 May;17(3):218–22 (Eng. Abstr.) **(Jpn)**

RECURRENCE see under **DISEASE**

RECURRENT LARYNGEAL NERVE see under **LARYNGEAL NERVES**

RED CELL APLASIA, PURE

BLOOD

Pure red cell aplasia and thymoma associated with high levels of the suppressor/cytotoxic T lymphocyte subset. Milnes JP, et al. **Br Med J [Clin Res]** 1984 Nov 17; 289(6455):1333–4

CHEMICALLY INDUCED

Isoniazid-induced pure red cell aplasia. Claiborne RA, et al. **Am Rev Respir Dis** 1985 Jun;131(6):947–9

Diphenylhydantoin-induced pure red cell aplasia. Dessypris EN, et al. **Blood** 1985 Apr;65(4):789–94

Depakene-induced intravascular hemolysis and pure red cell aplasia. Hirose Y, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep;47(6):1366–70

COMPLICATIONS

Pure red cell aplasia and protein-losing enteropathy in a patient with systemic lupus erythematosus. Heck LW, et al. **Arthritis Rheum** 1985 Sep;28(9):1059–61

Pure red blood cell aplasia associated with paraproteinemia: in vitro studies of erythropoiesis. Balducci L, et al. **Haematologia (Budap)** 1984;17(3):353–7

Hydrops foetalis in 3 infants of a mother with acquired chronic pure red cell aplasia: transitory red cell aplasia in 1 of the infants. Oie BK, et al. **Scand J Haematol** 1984 Nov;33(5):466–70

[Chronic lymphocytic leukemia, erythroblastopenia, thymolipoma (clinical conference)] Lebrun E, et al. **Nouv Rev Fr Hematol** 1985;27(1):29–37 (Eng. Abstr.) **(Fre)**

[Partial red-cell aplasia of the bone marrow associated with hemoblastoses] Idel'son LI, et al. **Gematol Transfuziol** 1984 Oct;29(10):33–7 (Eng. Abstr.) **(Rus)**

CONGENITAL

Diamond-Blackfan syndrome in adult patients. Balaban EP, et al. **Am J Med** 1985 Mar;78(3):533–8

Congenital pure red cell aplasia in northern India. Agarwal RK, et al. **Indian J Pediatr** 1985 Jan–Feb;52(414):97–102

DRUG THERAPY

Treatment of red cell aplasia with antithymocyte globulin: repeated inductions of complete remissions in two patients. Harris SI, et al. **Am J Hematol** 1985 Oct;20(2):183–6

[Efficacy of a bolus of methyl-prednisolone in acquired recurrent refractory pure red cell aplasia] Chávez-Sánchez G, et al. **Rev Invest Clin** 1984 Oct–Dec;36(4):349–52 (Eng. Abstr.) **(Spa)**

ETIOLOGY

[Thymoma associated with pure red blood cell aplasia: report of 3 cases] Yi QZ. **Chung Hua Wai Ko Tsa Chih** 1984 Oct; 22(10):591–2, 637 (Eng. Abstr.) **(Chi)**

[An autopsy case of pure red cell aplasia with myasthenia gravis, thymoma and various immune abnormalities] Inoue A, et al. **Nippon Naika Gakkai Zasshi** 1984 Jun;73(6):817–24 **(Jpn)**

IMMUNOLOGY

Demonstration of two distinct antibodies in autoimmune hemolytic anemia with reticulocytopenia and red cell aplasia. Mangan KF, et al. **Exp Hematol** 1984 Nov;

12(10):788–93

Absence of the OKT4 epitope on blood T cells and thymus cells in a patient with thymoma, hypogammaglobulinemia, and red blood cell aplasia. Levinson AI, et al. **J Allergy Clin Immunol** 1985 Sep;76(3):433–9

[Immune–mediated inhibition of erythropoiesis in pure red cell aplasia] Hanada T, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Nov;47(7):1383–8 (Eng. Abstr.) **(Jpn)**

SURGERY

[Surgical treatment of pure red cell aplasia associated with thymoma] Fujimura S, et al. **Kyobu Geka** 1984 Dec; 37(13):1000–5 (Eng. Abstr.) **(Jpn)**

THERAPY

Pure red cell aplasia characterized by erythropoietic maturation arrest. Response to anti–thymocyte globulin. Jacobs AD, et al. **Am J Med** 1985 Mar;78(3):515–7

A trial of immunotherapy in aplastic anemia and pure red cell aplasia. Young NS, et al. **J Clin Apheresis** 1983; 1(2):95–103

Remission of acquired pure red cell aplasia following plasma exchanges. Khelif A, et al. **Scand J Haematol** 1985 Jan; 34(1):13–5

[Therapeutic aspects of cyclosporin in hematology] Debusscher L, et al. **Rev Med Brux** 1985 Apr;6(4):271–5 (Eng. Abstr.) **(Fre)**

RED CELL GHOST see **ERYTHROCYTE MEMBRANE**

RED CELL INDICES see **ERYTHROCYTE INDICES**

RED CELL MASS see **ERYTHROCYTE VOLUME**

RED CELL SUBSTITUTES see **BLOOD SUBSTITUTES**

RED CROSS

Utilization of local first aiders in the provision of health care for prisoners by the International Committee of the Red Cross in Nicaragua. Bollag U. **J Community Health** 1985 Spring;10(1):17–21

[Guidelines of the Blood Donor Service of the Swiss Red Cross for standardizing preserved blood and blood components] **Ther Umsch** 1984 Aug;41(8):588–94 **(Ger)**

[Blood components. Preparation in regional centers] Castelli D. **Ther Umsch** 1984 Aug;41(8):540–3 (Eng. Abstr.) **(Ger)**

HISTORY

[40th anniversary of the Blood Transfusion Service of the Swiss Red Cross] Hässig A. **Ther Umsch** 1984 Aug; 41(8):533–5 (Eng. Abstr.) **(Ger)**

[Activities of the Polish Red Cross in Hungary in World War II] Kapronczay K. **Arch Hist Med (Warsz)** 1984; 47(4):529–38 (Eng. Abstr.) **(Pol)**

[Polish Red Cross hospital for prisoners of war in Cracow] Mianowska A. **Przegl Lek** 1985;42(1):72–9 **(Pol)**

ORGANIZATION & ADMINISTRATION

Emergency medical services in Israel. Hadas E, et al. **Am J Emerg Med** 1984 Jul;2(4):366–7

[Transfusion medicine and blood donor services. The organization of the Blood Donor Service of the Swiss Red Cross] Bucher H. **Ther Umsch** 1984 Aug;41(8):536–9 (Eng. Abstr.) **(Ger)**

[Problems in the planning of free blood donation] Tiuliandin AD, et al. **Gematol Transfuziol** 1984 Sep;29(9):59–62 **(Rus)**

[Role of health agencies in promoting child health] Tiuliandin AD. **Sov Med** 1985;(1):61–5 **(Rus)**

RED NUCLEUS

An unusual association of dentato–rubral degeneration with spinal ataxia, ophthalmoplegia and multiple cranial nerve palsies. Janzer RC, et al. **J Neurol** 1985;231(6):319–23

ANATOMY & HISTOLOGY

An ipsilateral projection from the red nucleus to the lateral reticular nucleus in the cat. Qvist H, et al. **Anat Embryol (Berl)** 1984;170(3):327–30

[The dento–olivary pathway: demonstration, course and significance] Lapresle J. **Bull Acad Natl Med (Paris)** 1984 Mar–Apr;168(3–4):336–41 (Eng. Abstr.) **(Fre)**

BLOOD SUPPLY

Rubral tremor: clinical features and treatment of three cases. Berkovic SF, et al. **Clin Exp Neurol** 1984;20:119–28

CYTOLOGY

Ionic conductance associated with electrical activity of guinea–pig red nucleus neurones in vitro. Kubota M, et al. **J Physiol (Lond)** 1985 May;362:161–71

DRUG EFFECTS

An EEG investigation in the rabbit on the role of the rubro–cerebellar loop in the action of tremorigenic and antitremorigenic drugs. Longo VG, et al. **Ann Ist Super Sanita** 1984;20(1):85–91

An EEG investigation on the role of cerebello–rubral system in the effects of diazepam and pentobarbital. Sagratella S, et al. **Arzneimittelforsch** 1985;35(1A):251–4

METABOLISM

Glucose utilization is unchanged in red nucleus after axotomy. Rodichok LD, et al. **Brain Res** 1984 Dec 24; 324(2):253–9

GABA neurons in the cat red nucleus: a biochemical and immunohistochemical demonstration. Vuillon–Cacciuttolo G, et al. **Neurosci Lett** 1984 Nov 23;52(1–2):129–34

[Binding sites for 5–hydroxytryptophan in the oculomotor nucleus and red nucleus of rat brain] Touret M, et al. **C R Acad Sci [III]** 1984;299(10):427–30 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Dentato–rubro–pallido–luysian atrophy: a clinico–pathological study. Iizuka R, et al. **J Neurol Neurosurg Psychiatry** 1984 Dec;47(12):1288–98

PHYSIOLOGY

Red nucleus modulation of somatosensory responses of cat spinal cord dorsal horn neurons. Gray BG, et al. **Brain Res** 1984 Oct 8;311(1):171–5

Relation between red nucleus discharge and movement parameters in trained macaque monkeys. Gibson AR, et al. **J Physiol (Lond)** 1985 Jan;358:551–70

Magnocellular red nucleus activity during different types of limb movement in the macaque monkey. Gibson AR, et al. **J Physiol (Lond)** 1985 Jan;358:527–49

An excitatory pathway through dorsal columns to rubrospinal cells in the cat. Jeneskog T, et al. **J Physiol (Lond)** 1984 Aug;353:355–73

Peculiarities of cerebellar excitation of facial nucleus motoneurons. Fanardjian VV, et al. **Neurosci Lett** 1984 Aug 31;49(3):265–70

Promotion of sprouting and synaptogenesis of cerebrofugal fibers by ganglioside application in the red nucleus. Fujito Y, et al. **Neurosci Res** 1985 Jun;2(5):407–11

GABAergic intrinsic interneurons in the red nucleus of the cat demonstrated with combined immunocytochemistry and anterograde degeneration methods. Katsumaru H, et al. **Neurosci Res** 1984 Feb;1(1):35–44

Calcium–dependent potentials in mammalian red nucleus neurons in vitro. Kubota M, et al. **Neurosci Res** 1984 Jun; 1(3):185–9

Brachium conjuntivum and rubrobulbar tract: brain stem projections of red nucleus essential for the conditioned nictitating membrane response. Rosenfield ME, et al. **Physiol Behav** 1985 May;34(5):751–9

[Neuronal mechanisms of red nucleus interaction with brain stem structures] Fanardzhian VV, et al. **Neirofiziologiia** 1984;16(5):665–78 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Inferior olive destruction induces dysfacilitation of the red nucleus activity. Billard JM, et al. **Brain Res** 1985 Jun 17; 336(2):372–5

ULTRASTRUCTURE

An electron microscopic study of the corticorubral fibers after neonatal deep cerebellar nuclear lesions in albino rats. Shieh JY, et al. **Brain Res** 1985 Jun 3;335(2):201–6

An electron microscopic study of the cerebellorubral connections after neonatal lesions in the sensorimotor and adjacent cortex in the albino rat. Shieh JY, et al. **Brain Res** 1984 Dec 17;324(1):1–10

RED TIDE

see related
SAXITOXIN

Neurological analysis of respiratory, cardiovascular and neuromuscular effects of brevetoxin in cats. Borison HL, et al. **Toxicon** 1985;23(3):517–24

Interaction of brevetoxin A with a new receptor site on the sodium channel. Catterall WA, et al. **Toxicon** 1985; 23(3):497–504

Brevetoxins: chemistry and pharmacology of 'red tide' toxins from Ptychodiscus brevis (formerly Gymnodinium breve). Ellis S. **Toxicon** 1985;23(3):469–72

Effects of crude brevetoxin on membrane potential and spontaneous or evoked end–plate potentials in rat hemidiaphragm. Gallagher JP, et al. **Toxicon** 1985; 23(3):489–96

Cardiovascular effects of brevetoxins in dogs. Johnson GL, et al. **Toxicon** 1985;23(3):505–15

Actions of Ptychodiscus brevis toxins on nerve and muscle membranes. Wu CH, et al. **Toxicon** 1985;23(3):481–7

ANALYSIS

The chemistry of brevetoxins: a review. Nakanishi K. **Toxicon** 1985;23(3):473–9 (13 ref.)

DRUG EFFECTS

A spectroscopic technique for evaluating sterol–aponin interactions and implications for management of Ptychodiscus brevis red tides. Barltrop J, et al. **Microbios** 1984;41(163):23–9

IMMUNOLOGY

Specific antibodies directed against toxins of Ptychodiscus brevis (Florida's red tide dinoflagellate). Baden DG, et al. **Toxicon** 1984;22(5):783–9

REDOX see **OXIDATION–REDUCTION**

REDUCTASES see **OXIDOREDUCTASES**

REDUVIIDAE see **TRIATOMIDAE**

REELER MICE see **MICE, NEUROLOGIC MUTANTS**

REFERENCE BOOKS, MEDICAL

Books and broadsides: what Colonial physicians read. Forbes TR. **Conn Med** 1984 Sep;48(9):566–8

[French oncology: a spatiotemporal general view from a special observation point, the Year Books of Cancer] Salomon JC, et al. **Bull Cancer (Paris)** 1984;71(4):382–7 (Eng. Abstr.) **(Fre)**

REFERENCE RANGES see **REFERENCE VALUES**

REFERENCE STANDARDS

Standardized assessments: ethical principles for use. Bonder B. **Am J Occup Ther** 1985 Jul;39(7):473–4

Comparisons of 17 lots of 2–oxoglutarate, and specifications for use of this substrate in reference methods. Bowers PN, et al. **Clin Chem** 1985 Jun;31(6):812–8

A new dihydrotestosterone–forming index (DHTi). Lundmo PI, et al. **J Steroid Biochem** 1985 Apr;22(4):529–32

REFERENCE VALUES

Interval estimates for the ratio of the means of two normal populations with variances related to the means. Cox CP. **Biometrics** 1985 Mar;41(1):261–5

Re–evaluation of the haptoglobin reference values with the radial immunodiffusion technique. Schrijver J, et al. **Clin Biochem** 1984 Aug;17(4):258–62

Normal and reference ranges: the myth of equality [letter] Jaynes PK. **Postgrad Med** 1985 Jan;77(1):44, 48

REFERRAL AND CONSULTATION

Consultation–liaison throughout the world. **Adv Psychosom Med** 1983;11:1–214 (55 ref.)

Consultation–liaison activities in Norway. Askevold F. **Adv Psychosom Med** 1983;11:143–9

Consultation–liaison psychiatry in Israel. Avni J. **Adv Psychosom Med** 1983;11:88–108 (21 ref.)

Consultation–liaison psychiatry in Italy. Fava GA, et al. **Adv Psychosom Med** 1983;11:133–42

Consultation–liaison psychiatry in the United Kingdom. Gath D, et al. **Adv Psychosom Med** 1983;11:109–26

Consultation–liaison psychiatry in Japan. Ishikawa H. **Adv Psychosom Med** 1983;11:127–32

The evolution of psychosomatic medicine and consultation–liaison psychiatry. Leigh H. **Adv Psychosom Med** 1983;11:1–22

Consultation–liaison psychiatry in Belgium. Pierloot RA, et al. **Adv Psychosom Med** 1983;11:150–63

Consultation–liaison psychiatry in Poland. Ryn Z. **Adv Psychosom Med** 1983;11:74–87

Consultation–liaison psychiatry in Panama. Sabonge R, et al. **Adv Psychosom Med** 1983;11:62–73

Practical distinctions between consultative psychiatry and liaison medicine. Schubert DS. **Adv Psychosom Med** 1983; 11:52–61

Radiologist as consultant: direct contact between referring clinician and radiologist before CT examination. Seltzer SE, et al. **AJR** 1985 Apr;144(4):661–4

On establishing an employee assistance program. Cox WH. **Ala J Med Sci** 1984 Oct;21(4):433–4

The emphasis of telephone medicine in pediatric training programs. Fosarelli PD. **Am J Dis Child** 1985 Jun; 139(6):555–7

Referral approach for patient education in an ambulatory–care pharmacy. Munroe WP, et al. **Am J Hosp Pharm** 1985 Mar;42(3):624–5

Preferring our own providers [editorial] Mallison MB. **Am J Nurs** 1985 Apr;85(4):355

Setting standards for home IV therapy. Wiseman M. **Am J Nurs** 1985 Apr;85(4):421–3

Diabetes in pregnancy: a population–based study of incidence, referral for care, and perinatal mortality. Connell FA, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):598–603

Impact of referral bias on evaluation of cataract surgery. Kennedy RH, et al. **Am J Ophthalmol** 1985 Feb 15; 99(2):149–53

Discharge planning for the high–risk neonate: a consultation–liaison role for the infant mental health specialist. Horner TW, et al. **Am J Orthopsychiatry** 1984 Oct;54(4):637–47

Contrasting models for combined medical and psychiatric inpatient treatment. Fogel BS, et al. **Am J Psychiatry** 1985

Sep;142(9):1085–9

An optimistic view of community consultation [letter] Papanek GO. **Am J Psychiatry** 1985 Mar;142(3):399

Geropsychiatric consultation in a university hospital: a report on 67 referrals. Ruskin PE. **Am J Psychiatry** 1985 Mar; 142(3):333–6

A confirmation of NIMH training objectives for consultation–liaison residents. Saravay SM, et al. **Am J Psychiatry** 1984 Nov;141(11):1437–40

Referrals by traditional birth attendants in northeast Brazil. Janowitz B, et al. **Am J Public Health** 1985 Jul;75(7):745–8

When does the rheumatologist need surgical consultation? Isomäki H. **Ann Chir Gynaecol [Suppl]** 1985;198:7–9

The general internist and gatekeepers [letter] **Ann Intern Med** 1985 Jul;103(1):159–60

Referrals to allergists [letter] Gross R. **Ann Intern Med** 1985 May;102(5):726

Facilitating patient acceptance of a psychiatric referral. Bursztajn H, et al. **Arch Intern Med** 1985 Jan;145(1):73–5

Psychiatric patient referral [letter] McInnis DB. **Arch Intern Med** 1985 Jul;145(7):1333

A comparison of decision analysis and second opinions for surgical decisions. Clarke JR. **Arch Surg** 1985 Jul; 120(7):844–7

The ticket of entry. Authentic case histories from Australian general practice. Colquhoun JP. **Aust Fam Physician** 1985 Jun;14(6):538

General practitioners and the health centre. Is there a meeting point? Hindmarsh E, et al. **Aust Fam Physician** 1985 Jul; 14(7):663–4, 668–70

Styles of doctoring and models of health. Some side effects of the doctor. Underwood P, et al. **Aust Fam Physician** 1985 Jul;14(7):658–62

Psychosocial factors and the management of physical illness: a contribution to the cost–containment of medical care. Mendelson G. **Aust NZ J Psychiatry** 1984 Sep;18(3):211–6

Psychiatric consultancy in major disaster. Raphael B. **Aust NZ J Psychiatry** 1984 Dec;18(4):303–6

Dilemmas of perinatal intensive care [letter] Woodhams WM. **Br J Hosp Med** 1985 Feb;33(2):118

The effect of social class and dental features on referrals for orthodontic advice and treatment. Jenkins PM, et al. **Br J Orthod** 1984 Oct;11(4):185–8

Raised intraocular pressure: an alternative method of referral. Kljakovic M, et al. **Br Med J [Clin Res]** 1985 Apr 6; 290(6474):1043–4

Importance of neurosurgical consultation after ultrasonic diagnosis of fetal hydrocephalus. Murphy S, et al. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1212–3

Topic analysis: an objective measure of the consultation and its application to computer assisted consultations. Pringle M, et al. **Br Med J [Clin Res]** 1985 Jun 15; 290(6484):1789–91

Consultation length: general practitioners' attitudes and practices. Wilson AD. **Br Med J [Clin Res]** 1985 May 4; 290(6478):1322–4

The value of nutrition support services as a teaching aid. Howard L. **Bull NY Acad Med** 1984 Jul–Aug;60(6):670–4

Compliance to referrals from the psychiatric emergency room. Blouin A, et al. **Can J Psychiatry** 1985 Mar; 30(2):103–6

The themes and consequences of consultations between a psychiatrist and a tutorial class teacher working with children from a deprived inner–city area. Marks F, et al. **Child Care Health Dev** 1985 Mar–Apr;11(2):61–9

Mitral valve prolapse: clinical spectrum of 125 patients referred to a cardiac center [letter] Greenwood RD. **Clin Pediatr (Phila)** 1984 Nov;23(11):659–60

The weight of knowledge: teachers and students and doctors and patients. Underwood P, et al. **Community Health Stud** 1985;9(2):145–50

Status report on second surgical opinion programs. AMA Council on Medical Service. **Conn Med** 1985 Aug; 49(8):537–40

Paths to psychiatric care in Hong Kong. Cheung FM, et al. **Cult Med Psychiatry** 1984 Sep;8(3):207–28

The adolescent overdose. Evaluation and referral. McIntire MS, et al. **Emerg Med Clin North Am** 1984 Feb;2(1):175–84

Implementing a prereferral intervention system: Part II. The data. Graden JL, et al. **Except Child** 1985 Apr;51(6):487–96

Patients attending an accident and emergency department for primary medical care. Andersen NA, et al. **Fam Pract** 1984 Jun;1(2):79–85

Do interpreters affect consultations? Dodd W. **Fam Pract** 1984 Mar;1(1):42–7

Written simulation of patient–doctor encounters. 3. Comparison of the performance in the simulation with prescription and referral data in reality. Kuyvenhoven MM, et al. **Fam Pract** 1984 Mar;1(1):25–9

Symptoms of patients and escorts in a primary care department in Saudi Arabia. Martin E. **Fam Pract** 1984 Jun;1(2):100–5

Patient characteristics which are related to the doctor–patient interaction. Stewart M. **Fam Pract** 1984 Mar;1(1):30–6

The effect of direct charges on consultations in family practice: a study of a doctors' strike. Weingarten MA, et al. **Fam Pract** 1985 Mar;2(1):35–41

A consultation method addressing the therapist–family system. van Trommel MJ. **Fam Process** 1984 Dec; 23(4):469–80

A psychiatric unit becomes a psychiatric–medical unit: administrative and clinical implications. Fogel BS. **Gen Hosp Psychiatry** 1985 Jan;7(1):26–35

Medical and surgical inpatients who referred themselves for psychiatric consultation. Fulop G, et al. **Gen Hosp Psychiatry** 1985 Jul;7(3):267–71

The benefits of a psychiatric consultation––liaison service in a general hospital. Hales RE. **Gen Hosp Psychiatry** 1985 Jul;7(3):214–8

Microcomputers and consultation psychiatry in the general hospital. Hammer JS, et al. **Gen Hosp Psychiatry** 1985 Apr; 7(2):119–24

Library collection of the psychosocial publications in consultation–liaison psychiatry. McCartney CF, et al. **Gen Hosp Psychiatry** 1985 Jan;7(1):73–82

Pedagogic applications of a computerized data base. Mackenzie TB, et al. **Gen Hosp Psychiatry** 1985 Apr; 7(2):125–7

Conflicts and complexity in inpatient geropsychiatry. Marin RS, et al. **Gen Hosp Psychiatry** 1985 Jan;7(1):83–91

Some methodological issues in consultation–liaison psychiatry research. Mitchell WD, et al. **Gen Hosp Psychiatry** 1985 Jan;7(1):66–72

Data–based psychiatric consultation: applying mainframe computer capability to consultation. Popkin MK, et al. **Gen Hosp Psychiatry** 1985 Apr;7(2):109–12

Failure to keep psychiatric follow–up appointments [letter] Sensky T. **Gen Hosp Psychiatry** 1985 Jul;7(3):272–3

Patients with medically unexplained symptoms: DSM–III diagnoses and demographic characteristics. Slavney PR, et al. **Gen Hosp Psychiatry** 1985 Jan;7(1):21–5

A minicomputer approach to consultation–liaison data basing: Pedagog–Admin–CLINFO. Strain JJ, et al. **Gen Hosp Psychiatry** 1985 Apr;7(2):113–8

Discussion on the use of computers in consultation–liaison psychiatry. Taintor Z. **Gen Hosp Psychiatry** 1985 Apr; 7(2):128–31

Evaluation of training in geriatric consultation: development of assessment measures. Taintor Z, et al. **Gerontol Geriatr Educ** 1984 Fall;5(1):73–81

The second–look surgical reassessment for epithelial ovarian carcinoma. Barnhill DR, et al. **Gynecol Oncol** 1984 Oct; 19(2):148–54

The IME. Kam CC. **Hawaii Med J** 1984 Dec;43(12):443

A study of the content of referral letters from general practitioners for acute surgical admissions to a district general hospital. Walsh ME. **Health Bull (Edinb)** 1985 Mar; 43(2):64–71

Communication between psychiatrists and general practitioners. What sort of letters should psychiatrists write? Yellowlees AJ, et al. **Health Bull (Edinb)** 1984 Nov; 42(6):285–96

Protective services teams: the social worker as liaison. Watt JW. **Health Soc Work** 1985 Summer;10(3):191–8

Mental health consultation to a preschool following the murder of a mother and child. Eth S, et al. **Hosp Community Psychiatry** 1985 Jan;36(1):73–6

The psychiatric consultant's approach to elderly fallers. Nickens H. **Hosp Community Psychiatry** 1984 Dec; 35(12):1190–1, 1248

Psychiatric consultation in Catholic annulment proceedings. Young JL, et al. **Hosp Community Psychiatry** 1985 Apr; 36(4):346–7

The role of the blood bank medical director in patient care. Carlson DA. **Hosp Pract [Off]** 1985 Sep 30;20(9A):24–30

When to refer. Abnormal Pap smears. Edelin KC, et al. **Hosp Pract [Off]** 1985 May 30;20(5A):23, 26–7, 30

Marketing and your 4 PR pressure points. Riggs L, et al. **Indiana Med** 1985 Feb;78(2):144–6

Psychiatric consultation to the medical ward: a group analytic and general systems theory point of view. Gadlin W. **Int J Group Psychother** 1985 Apr;35(2):263–78

The use of consultation in the treatment of suicidal patients. Bond M. **Int J Psychoanal Psychother** 1984–85;10:117–30

The use of psychoanalytic theory and technique on the medical ward. Grossman S. **Int J Psychoanal Psychother** 1984–85;10:533–48

Consultation in a suicidal impasse. Maltsberger JT. **Int J Psychoanal Psychother** 1984–85;10:131–58

An evaluation of the referral and rehabilitation process among the minority handicapped. Baldwin CH, et al. **Int J Rehabil Res** 1984;7(3):299–315

Establishing liaison psychiatric services––a personal view. Thomas C. **Int J Soc Psychiatry** 1985 Summer;31(2):149–55

Late referral of patients with rheumatoid arthritis to rheumatologists. Hanly JG, et al. **Ir J Med Sci** 1984 Sep; 153(9):316–8

The use of hospital facilities in general practice: a survey. Powderly B, et al. **Ir Med J** 1984 Aug;77(8):256–7

Factitious disorder: reflections on primary and secondary gain in Munchausen syndrome. Fisch RZ, et al. **Isr J Psychiatry Relat Sci** 1984;21(2):127–32

Collaboration between psychiatrists and other professionals in a remand and assessment centre. Wilson JH, et al. **J Adolesc** 1985 Mar;8(1):83–91

The unmet psychiatric needs of sexually abused youths: referrals from a child protection agency and clinical evaluations. Adams–Tucker C. **J Am Acad Child Psychiatry** 1984 Nov;23(6):659–67

Child psychiatrists seen through pediatricians' eyes: results of a national survey. Fritz GK, et al. **J Am Acad Child Psychiatry** 1985 Jan;24(1):81–6

Facilitating mental health on college campuses: consultation between university counseling centers and offices of residence life. McLeod M, et al. **J Am Coll Health** 1985 Feb;33(4):168–70

Diet prescription guidelines––increased consultations through heightened accessibility. Colussi ME. **J Am Diet Assoc** 1985 Apr;85(4):481–2

Geriatric consultation teams in acute hospitals: impact on back–up of elderly patients. Barker WH, et al. **J Am Geriatr Soc** 1985 Jun;33(6):422–8

Treatment decisions in a skilled–nursing facility: discordance with nurses' preferences. Wolff ML, et al. **J Am Geriatr Soc** 1985 Jun;33(6):440–5

Communicate your care during consultation. Weisenstein BJ. **J Am Optom Assoc** 1985 May;56(5):414–6

The pharmacotherapy–psychotherapy triangle: psychiatrist, nonmedical psychotherapist, and patient. Beitman BD, et al. **J Clin Psychiatry** 1984 Nov;45(11):458–9

Solicitation of elderly depressives for treatment outcome research: a comparison of referral sources. Breckenridge JS, et al. **J Consult Clin Psychol** 1985 Aug;53(4):552–4

Teachers' assumptions regarding the severity, causes, and outcomes of behavioral problems in preschoolers: implications for referral. Walker E, et al. **J Consult Clin Psychol** 1984 Oct;52(5):899–902

Factors associated with public health nurses' perceptions of skill in chemical dependency assessment and referral. Reynolds B, et al. **J Drug Educ** 1985;15(1):23–32

Referral and survival of patients accepted by a terminal care support team. Evans C, et al. **J Epidemiol Community Health** 1984 Dec;38(4):310–4

Clinical application of a high–risk scoring system on a family practice obstetric service. Nuovo J. **J Fam Pract** 1985 Feb; 20(2):139–44

Physicians' confusion demonstrated by competency requests. Weinstock R. et al. **J Forensic Sci** 1985 Jan;30(1):37–43

A new approach to the measurement of patients' understanding of what they are told in medical consultations. Tuckett DA, et al. **J Health Soc Behav** 1985 Mar;26(1):27–38

Curbside consultation in infectious diseases: a prospective study. Myers JP. **J Infect Dis** 1984 Dec;150(6):797–802

A medical record with appropriate technology serves as a tool for upgrading dermatological practices in Thailand. Kotrajaras R, et al. **J Med Assoc Thai** 1985 Jan;68(1):24–8

Procedures in family medicine: a survey. Milhorn HT Jr, et al. **J Miss State Med Assoc** 1985 Jul;26(7):191–3

Referral to consultants––the National Health Service versus private practice. Gillam DM. **J R Coll Gen Pract** 1985 Jan;35(270):15–8

Community psychiatric nursing: a survey of patients and problems. Robertson H, et al. **J R Coll Gen Pract** 1985 Mar;35(272):130–2

Referrals to psychiatrists in a general hospital––comparison of two methods of liaison psychiatry: preliminary communication. Sensky T, et al. **J R Soc Med** 1985 Jun; 78(6):463–8

More NHS consultants needed: two presidents renew the appeal to the government. **Lancet** 1985 Apr 13; 1(8433):880–1

Referrals to hospital. Todd JW. **Lancet** 1984 Nov 10; 2(8411):1089

A blood bank consultation service: principles and practice. Popovsky MA, et al. **Mayo Clin Proc** 1985 May;60(5):312–4

Factors that predict psychiatric consultation in the emergency department. Fenichel GS, et al. **Med Care** 1985 Mar;23(3):258–65

Sources of referral to alcoholism treatment from two low–income areas in a core city. Kling SS, et al. **Med Care** 1984 Nov;22(11):1038–44

Refusal of treatment: the role of psychiatric consultation. Stam M, et al. **Mt Sinai J Med (NY)** 1985 Apr;52(4):306–9

The role of the psychiatrist in otolaryngology. Hertz SM, et al. **Otolaryngol Clin North Am** 1984 Nov;17(4):735–43

Fundamentals of orthodontics with criteria for referral. Currier GF. **Pediatr Ann** 1985 Feb;14(2):117, 119–20, 123–4

Need for increased biostatistical consultation [letter] Long KJ. **Pediatrics** 1985 Aug;76(2):325

Geophysical variables and behavior: XXVIII. Group health–care–seeking behavior and meteorological variables. Cyr KA. **Percept Mot Skills** 1985 Jun;60(3):863–6

Evaluation of the anovulatory patient. When to proceed, when to refer. Olive DL, et al. **Postgrad Med** 1985 Apr; 77(5):205–11, 214, 216

A consultant in a health centre. Modell M, et al. **Practitioner** 1984 Oct;228(1396):968–71

Psychopharmacologic approach to the medically ill patient. Hershey SC, et al. **Psychiatr Clin North Am** 1984 Dec; 7(4):803–16 (38 ref.)

Changes in psychological variables, use of medical services and presentation of medical problems following brief psychological intervention on an Israel Air Force base. Rabinowitz S, et al. **Psychol Rep** 1985 Apr;56(2):596

Psychosocial and medical factors influencing referral to an Israeli Air Force Base Mental Health Clinic. Rabinowitz S, et al. **Psychol Rep** 1984 Aug;55(1):29–30

Consultation–liaison fellowships: effect on internists' attitudes toward psychiatric consultation. Brantley JT Jr, et al. **Psychosomatics** 1985 Jan;26(1):18–20, 25–7

Clarity of request for consultation: its relationship to psychiatric diagnosis. Golinger R, et al. **Psychosomatics** 1985 Aug;26(8):649–50, 653

Use of an integrative interview to manage somatization. Holt RE, et al. **Psychosomatics** 1984 Sep;25(9):663–9

Psychiatric consultation to the burn unit: the surgeon's perspective. Meyer AA. **Psychosomatics** 1984 Sep;25(9):688, 693, 697

Basic readings in consultation psychiatry. Mohl PC, et al. **Psychosomatics** 1985 May;26(5):431-3, 436-40

Medical-psychiatric unit patients compared with patients in two other services. Molnar G, et al. **Psychosomatics** 1985 Mar;26(3):193-5, 199-200, 208-9

Psychiatric consultation to the burn unit: the psychiatrist's perspective. Ochitill H. **Psychosomatics** 1984 Sep;25(9):689, 697-8, 701

Ten commandments of medical etiquette for psychiatrists. Pasnau RO. **Psychosomatics** 1985 Feb;26(2):128-32

Referral for medically unexplained somatic complaints: the role of histrionic traits. Slavney PR, et al. **Psychosomatics** 1985 Feb;26(2):103-9

Psychiatric consultation with a noncooperative, depressed stroke patient. Teitelbaum ML, et al. **Psychosomatics** 1985 Feb;26(2):145-6

Psychosomatic consultation-liaison service in a medical out-patient department. Experience with a random sample of patients. Haag A. **Psychother Psychosom** 1984;42(1-4):205-12

Psychosomatic parameters and the problem-oriented approach to biopsychosocial management. Krakowski AJ. **Psychother Psychosom** 1984;42(1-4):213-7

Use of projective testing on a consultation-liaison service. Stewart TD, et al. **Psychother Psychosom** 1985;43(3):151-5

Overcoming barriers to identification and referral of alcoholics in a general hospital setting: one approach. Williams CN, et al. **RI Med J** 1985 Mar;68(3):131-8

Determination of treatment disposal for parasuicide patients in a German university hospital. Kurz A, et al. **Soc Psychiatry** 1985;20(3):145-51

Evaluation of an interview training course for general practitioners. Bensing JM, et al. **Soc Sci Med** 1985;20(7):737-44

Patient reactions to doctors' computer use in general practice consultations. Brownbridge G, et al. **Soc Sci Med** 1985;20(1):47-52

Illness behaviour in mothers with young children. Campion PD, et al. **Soc Sci Med** 1985;20(4):325-30

Triggers of symptoms and health care. Verbrugge LM. **Soc Sci Med** 1985;20(9):855-76

Psychiatric disorders in geriatric medical/surgical patients. Part I: Report of 195 consecutive consultations. Folks DG, et al. **South Med J** 1985 Mar;78(3):239-41

Psychiatric disorders in geriatric medical/surgical patients. Part II: Review of clinical experience in consultation. Ford CV, et al. **South Med J** 1985 Apr;78(4):397-402 (34 ref.)

Intraoperative imprints for the identification of parathyroid tissue. Geelhoed GW, et al. **Surgery** 1984 Dec;96(6):1124-31

Problems of conscience and fact: consulting on medicolegal claims. Bettman JW. **Surv Ophthalmol** 1984 Sep-Oct;29(2):137-8

Effective medical referral communications. Green HG. **Tex Med** 1985 Mar;81(3):63-4

The divergent second opinion: eventual outcome of physician-changing. Reiter D. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter;37(2):231-4

Analysing referral patterns to rural provincial hospitals. Pust RE. **Trop Doct** 1985 Apr;15(2):95-7

Symposium on intraoperative consultation. **Urol Clin North Am** 1985 Aug;12(3):401-570

Intraoperative anesthetic consultation. Boutros AR. **Urol Clin North Am** 1985 Aug;12(3):541-8

Plastic surgical considerations for urologic surgeons. Dowden RV. **Urol Clin North Am** 1985 Aug;12(3):487-92

Pediatric surgical intraoperative consultations. Firor HV. **Urol Clin North Am** 1985 Aug;12(3):511-21

The thoracic cavity, a troublesome neighbor. Intraoperative consultation by the thoracic surgeon. Gill C. **Urol Clin North Am** 1985 Aug;12(3):507-10

Intraoperative consultation for the liver, biliary system, pancreas, duodenum, and spleen. Hermann RE. **Urol Clin North Am** 1985 Aug;12(3):469-76

Intraoperative consultation for the urethra. Jordan GH, et al. **Urol Clin North Am** 1985 Aug;12(3):447-52

Pediatric urologic intraoperative consultation. Kay R. **Urol Clin North Am** 1985 Aug;12(3):461-8

Intraoperative consultation for gynecologic disorders. Kennedy AW. **Urol Clin North Am** 1985 Aug;12(3):523-39

Intraoperative consultation for the retroperitoneum and adrenal glands. Klein EA, et al. **Urol Clin North Am** 1985 Aug;12(3):411-21 (56 ref.)

Intraoperative consultation for the intestine. Lavery IC. **Urol Clin North Am** 1985 Aug;12(3):477-86

Operating room consultation by the pathologist. Levin HS. **Urol Clin North Am** 1985 Aug;12(3):549-56

Intraoperative consultation for surgery of the genitalia and genitourinary prostheses. Montague DK. **Urol Clin North Am** 1985 Aug;12(3):453-60

Intraoperative consultation for the ureter. Pearse HD, et al. **Urol Clin North Am** 1985 Aug;12(3):423-37

Intraoperative consultation for the bladder. Spirnak JP, et al. **Urol Clin North Am** 1985 Aug;12(3):439-46

The role of intraoperative consultation. Straffon RA. **Urol Clin North Am** 1985 Aug;12(3):403-4

Intraoperative consultation for the kidney. Zabbo A, et al. **Urol Clin North Am** 1985 Aug;12(3):405-10

Preoperative evaluations by an internist--are they worthwhile? Levinson W. **West J Med** 1984 Sep;141(3):395-8

[Psychiatric supervision in Fredriksberg Hospital. An analysis over a 3-month period] Aggernaes H, et al. **Ugeskr Laeger** 1985 Jan 21;147(4):310-4 (Eng. Abstr.) **(Dan)**

[Pattern of referral of patients with acute eye injuries. A regional study] Bønløkke H, et al. **Ugeskr Laeger** 1985 Jun 3;147(23):1873-6 (Eng. Abstr.) **(Dan)**

[Telephonic advice from a casualty department] Kjersgaard AG, et al. **Ugeskr Laeger** 1985 Apr 15;147(16):1363-4 (Eng. Abstr.) **(Dan)**

[Violence against women in their partnerships. IV. Pattern of contact with public institutions] Larsen T, et al. **Ugeskr Laeger** 1985 May 27;147(22):1801-4 (Eng. Abstr.) **(Dan)**

[The casualty department study in the western part of the County of Frederiksborg. III. Contact pattern in a public casualty department] Larsen T, et al. **Ugeskr Laeger** 1984 Oct 22;146(43):3309-12 (Eng. Abstr.) **(Dan)**

[The casualty department study in the western part of the County of Frederiksborg. IV. Public and restricted casualty departments compared] Larsen T, et al. **Ugeskr Laeger** 1984 Oct 22;146(43):3313-6 (Eng. Abstr.) **(Dan)**

[Emergency psychiatry. I. A study of the function of the emergency psychiatric admission and the activity involved in a population of first referrals] Lindhardt A, et al. **Ugeskr Laeger** 1985 Jan 21;147(4):343-8 (Eng. Abstr.) **(Dan)**

[Emergency psychiatry. II. A study of the problems associated with referral and the prevailing psychological factors in a population of first referrals to an acute psychiatric department] Lindhardt A, et al. **Ugeskr Laeger** 1985 Jan 21;147(4):349-53 (Eng. Abstr.) **(Dan)**

[Ultrasonic diagnosis in patients referred from general practice] Sørensen K, et al. **Ugeskr Laeger** 1985 Jan 7;147(2):121-3 (Eng. Abstr.) **(Dan)**

[Recruits' contacts with the medical officer during the first 3 months of military service] Worm-Petersen S. **Ugeskr Laeger** 1985 Apr 1;147(14):1224-5 (Eng. Abstr.) **(Dan)**

[Is endoscopy of the proximal digestive system at the request of the general practitioner useful?] Lückers AE, et al. **Ned Tijdschr Geneeskd** 1985 Jan 19;129(3):117-9 (Eng. Abstr.) **(Dut)**

[The somatic specialist and conversion] Moene FC, et al. **Ned Tijdschr Geneeskd** 1985 May 11;129(19):904-7 (Eng. Abstr.) **(Dut)**

[Should family physicians excise skin lesions suspicious of melanoma] Suurmond D. **Ned Tijdschr Geneeskd** 1984 Sep 1;128(35):1673-4 **(Dut)**

[Referral: the meeting point between primary and secondary care] Krol LJ, et al. **Tijdschr Kindergeneeskd** 1984 Dec;52(6):217-21 (Eng. Abstr.) **(Dut)**

[The course of suicides and type of care in general hospitals] Corten P. **Arch Belg** 1984;42(9-10):525-38 (Eng. Abstr.) **(Fre)**

[Phlebology consulting services open to physicians] **Phlebologie** 1984 Jul-Sep;37(3):XV-XX **(Fre)**

[Consultation for adolescents at the University Medical Polyclinic: evaluation after 1 year's functioning] Michaud PA, et al. **Rev Med Suisse Romande** 1984 Dec;104(12):991-5 **(Fre)**

[Separation of somatic from psychosomatic medicine can be overcome. Suggestions for special-combining cooperation in medicine] Hirschmann E. **Fortschr Med** 1985 Feb 28;103(8):72-3 **(Ger)**

[Statistical evaluation of andrologic-urologic consultation] Hofmann R, et al. **Helv Chir Acta** 1984 Oct;51(3-4):383-7 (Eng. Abstr.) **(Ger)**

[Medical consultation in the clinical visit and office hours. Hindrances and creative possibilities from the psychosomatic viewpoint] Fehlenberg D, et al. **Internist (Berlin)** 1984 Nov;25(11):682-93 **(Ger)**

[Body and soul: difficulties in the interaction between physicians and psychologists] Pöppel E. **Internist (Berlin)** 1984 Nov;25(11):654-8 **(Ger)**

[The patient in the highly tense atmosphere of institutions. An evaluation of social medicine consultation at a district health office] Daublin-Tyedmers K. **Off Gesundheitswes** 1985 Feb;47(2):56-60 **(Ger)**

[The psychoanalytic consultation exemplified by unmotivated (e.g., psychosomatic) patients] Schubart W. **Psyche (Stuttg)** 1985 Jun;39(6):519-37 (Eng. Abstr.) **(Ger)**

[Cooperation of the psychotherapist and family physician as a combined teaching and learning process] Bösch J. **Psychother Psychosom Med Psychol** 1985 May;35(5):112-5 (Eng. Abstr.) **(Ger)**

[The general practitioner's expectations of psychotherapists and psychiatrists] Burkhardt S. **Psychother Psychosom Med Psychol** 1985 May;35(5):116-9 (Eng. Abstr.) **(Ger)**

[Psychosomatic consultation in a large clinic: problems of integration and patient compliance] Riehl A, et al. **Psychother Psychosom Med Psychol** 1985 Jul;35(7):183-8 (Eng. Abstr.) **(Ger)**

[Cooperation of the psychotherapist and family physician in psychosocial primary care] Willi J. **Psychother Psychosom Med Psychol** 1985 May;35(5):108-11 (Eng. Abstr.) **(Ger)**

[Examination and consultation from the psychosocial viewpoint] Heim E. **Ther Umsch** 1984 Nov;41(11):779-88 (Eng. Abstr.) **(Ger)**

[Psychosocial relations in medical practice] Horn B. **Ther Umsch** 1984 Nov;41(11):796-808 (Eng. Abstr.) **(Ger)**

[Extent of duties and time structure of activities of district physicians] Lötsch A, et al. **Z Arztl Fortbild (Jena)** 1985;79(13):577-8 **(Ger)**

[Tasks in therapy and after care; a binding link to the clinic] Fahrländer H. **Z Gastroenterol [Verh]** 1985 Apr;20:122-6 **(Ger)**

[Case history and the 'unlived life'] Zacher A. **Z Klin Psychol Psychopathol Psychother** 1985;33(1):51-7 (Eng. Abstr.) **(Ger)**

[New possibilities in consulting psychiatry] Füredi J, et al. **Orv Hetil** 1985 Jan 6;126(1):3-10 (Eng. Abstr.) **(Hun)**

[Cooperation between primary health care providers and hospitals. A prospective study from the Surgical Department of the Ullevål Hospital, with special reference to hospitalization practices and procedures for surgical admissions] Buanes T, et al. **Tidsskr Nor Laegeforen** 1985 Feb 10;105(4):308-11 (Eng. Abstr.) **(Nor)**

[Activities of the consultation department for prenatal diagnosis] Rymashevskii NV, et al. **Akush Ginekol (Mosk)** 1985 May;(5):62-3 **(Rus)**

[Use of a cardiologic consultation and diagnostic service in medical first aid and at a therapy center] Oleinik MM, et al. **Kardiologiia** 1985 Apr;25(4):100-2 (Eng. Abstr.) **(Rus)**

[Indications for referring cardiology patients for surgical treatment] Petrovskii BV, et al. **Klin Med (Mosk)** 1985 Jan;63(1):142-5 **(Rus)**

[Organization of the activities of departments of emergency and referral services] Gerasimenko NF, et al. **Sov Zdravookhr** 1985;(3):46-50 **(Rus)**

[Means of improving the interaction between the medical consultation commission and the medical work disability commission] Mazurova GL, et al. **Sov Zdravookhr** 1985;(1):43-8 (Eng. Abstr.) **(Rus)**

[Consultative-diagnostic services of medical school specialists] Miniaev VA, et al. **Sov Zdravookhr** 1984;(12):44-7 (Eng. Abstr.) **(Rus)**

ECONOMICS

Financial criteria, medical practice, and the hospital medical staff. Wilcox DP. **Conn Med** 1985 Mar;49(3):169-71

Issues in reimbursement for consultation-liaison psychiatry. Hales RE, et al. **Hosp Community Psychiatry** 1984 Dec;35(12):1195-8

Opinion: beware the gatekeeper. Hirsch PJ. **J Med Soc NJ** 1985 Mar;82(3):225-6

Medicaid's second surgical opinion program. Alsup PA. **J Tenn Med Assoc** 1984 Sep;77(9):537, 539

In emergencies, second opinions are not mandatory [letter] Kunkle RF. **JAMA** 1985 May 3;253(17):2491

Wasteful referrals [letter] **Lancet** 1984 Nov 24;2(8413):1214-5

Patients for sale at bargain prices. Stokes JM. **Mo Med** 1985 Apr;82(4):183-4

Dealing with conflicts of interest [editorial] Relman AS. **N Engl J Med** 1985 Sep 19;313(12):749-51

Preoperative evaluations by an internist--are they worthwhile? Levinson W. **West J Med** 1984 Sep;141(3):395-8

LEGISLATION & JURISPRUDENCE

General hospital psychiatry in Italy: on the hospitalization of psychiatric patients and consultation-liaison psychiatry after Law 180, 1978. Cazzullo CL, et al. **Gen Hosp Psychiatry** 1984 Oct;6(4):261-5

Informed consent--mandating the consultation. Strain JJ, et al. **Gen Hosp Psychiatry** 1985 Jul;7(3):228-33

Regulation and consultation in community care facilities. Peterson CL. **Hosp Community Psychiatry** 1985 Apr;36(4):383-8

Are conflicts of interests endemic to psychiatric consultation? Tancredi LR, et al. **Int J Law Psychiatry** 1983;6(3-4):293-316

Medical consultation--contract versus tort? Gerber P. **Med J Aust** 1985 Jan 7;142(1):35-7

Legal implications of intraoperative consultation. Irwin JR. **Urol Clin North Am** 1985 Aug;12(3):557-70

Child abuse--after the report is made. Powers D. **Wis Med J** 1985 Mar;84(3):13-5

[Information on risk of hepatitis infection and use of a consultant physician] Laufs A. **Chirurg** 1985 May;56(5):350-1 **(Ger)**

MANPOWER

The minister wants more NHS consultants. **Lancet** 1985 May 11;1(8437):1112-3

TRENDS

Consultation and referral in new medical-practice environments: a gloomy outlook? [editorial] Elstein AS. **Ann Intern Med** 1985 Oct;103(4):616-7

Consultation and referral between physicians in new medical practice environments. Schaffer WA, et al. **Ann Intern Med** 1985 Oct;103(4):600-5

Psychiatric consultations in a Dutch university hospital: a report on 1814 referrals, compared with a literature review. Hengeveld MW, et al. **Gen Hosp Psychiatry** 1984 Oct;6(4):271-9

Liaison psychiatry in an Indian general hospital. Malhotra S, et al. **Gen Hosp Psychiatry** 1984 Oct;6(4):266-70

Cross-cultural psychiatry in Micronesia: the consultant's view. Allan AT, et al. **Int J Soc Psychiatry** 1985 Spring;31(1):59-66

Pediatrics and psychology: a collaboration that works. LeBaron S, et al. **J Dev Behav Pediatr** 1985 Jun;6(3):157-61

Chiropractic and medical models of health care--a contemporary perspective. Jamison JR. **J Manipulative Physiol Ther** 1985 Mar;8(1):17-22

The provision of information and referral services in the community. Downey NA, et al. **Ment Retard** 1985 Feb;23(1):21-5

Health psychology and medicine. Asken MJ. **Pa Med** 1985 Mar;88(3):62-4

An R.L.D.D. in search of R.L.P.P.s. Bluestone N. **Pa Med** 1985 Mar;88(3):51-6

The psychiatrist as physician. Campbell RJ. **Psychosomatics** 1985 Jan;26(1):48, 54

[Locale and content of physician visits: the point of view of consumers] Mizrahi A, et al. **Cah Sociol Demogr Med** 1984 Jul-Sep;24(3):231-47 **(Fre)**

UTILIZATION

Patterns of psychiatric consultation in a Chinese general hospital. Zuo C, et al. **Am J Psychiatry** 1985 Sep;142(9):1092-4

Factors influencing referral decisions in physiatry. Kwon IW, et al. **Arch Phys Med Rehabil** 1985 Jul;66(7):415-9

Pattern of domiciliary consultations in the Trent region. Coupland AI, et al. **Br Med J [Clin Res]** 1985 May 11;290(6479):1399-402

Preferences in help-seeking among Chinese students. Cheung FM. **Cult Med Psychiatry** 1984 Dec;8(4):371-80

Health care and health care seeking strategies among Puyallup Indians. Guilmet GM. **Cult Med Psychiatry** 1984 Dec;8(4):349-69

Academic psychiatry and the clergy: an analysis of ministerial referrals. Mobley MF, et al. **Hosp Community Psychiatry** 1985 Jan;36(1):79-81

The use of hospital facilities in general practice: a survey. Powderly B, et al. **Ir Med J** 1984 Aug;77(8):256-7

A retrospective study of leprosy in an industrial hospital. Ramanan C, et al. **J Commun Dis** 1984 Sep;16(3):169-75

Obstetric consultations during labor and delivery in a university-based family practice. Craig AS, et al. **J Fam Pract** 1985 May;20(5):481-5

Increasing physicians' awareness and use of community resources for mentally retarded persons. Singh NN, et al. **J Ment Defic Res** 1984 Sep;28 (Pt 3):199-205

The developmental screening and referral practices of physicians in Tennessee. Glascoe FP, et al. **J Tenn Med Assoc** 1985 Mar;78(3):141-7

Wasting resources in referrals to hospital [letter] **Lancet** 1984 Dec 22;2(8417-18):1468-70

The Diagnosis and Therapy Survey October 1978-March 1983, health care consumption and current drug therapy in Sweden with respect to the clinical diagnosis of gastritis. Lööf L. et al. **Scand J Gastroenterol [Suppl]** 1985;109:35-9

Mexican-American, black-American and white-American differences in reporting illnesses, disability and physician visits for illnesses. Berkanovic E, et al. **Soc Sci Med** 1985;20(6):567-77

[First referrals to out-patient clinics for alcoholics in Aarhus in 1972-73 and 1982. Referral rates, social conditions and significance of the distance of the clinic] Munk-Jørgensen P, et al. **Ugeskr Laeger** 1984 Dec 17;146(51):4051-5 (Eng. Abstr.) **(Dan)**

[Incidence of otitis in children and its significance for the pediatrician] Maahs H. **Arztl Jugendkd** 1984 Oct;75(5):322-6 (Eng. Abstr.) **(Ger)**

[Does sex modify referral for inpatient psychiatric treatment? A model supported analysis based on utilization data] an der Heiden W, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(5):319-24 (Eng. Abstr.) **(Ger)**

[Theory and practice of the determination of the effectiveness of roentgen examinations--a complex analysis toward decreasing the frequency of requests for roentgen diagnosis. 2. Value--data collection--production lists--roentgen referral slips] Fuchs R, et al. **Radiol Diagn (Berl)** 1984;25(3):235-46 (Eng. Abstr.) **(Ger)**

[Use of medical treatment in the principle care of children in the Zittau district] Verbeek T, et al. **Z Arztl Fortbild (Jena)** 1984;78(17):725-8 **(Ger)**

REFLEX

The oculocardiac reflex during ophthalmoscopy in premature infants. Clarke WN, et al. **Am J Ophthalmol** 1985 Jun 15;99(6):649-51

The oculocardiac reflex with an orbital tumor [letter] Garrity JA, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):818

Roles of right versus left vagal sensory nerves in cardiopulmonary reflexes of conscious dogs. Barron KW, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):R301-7

Baroreceptor reflex cardiovascular control in mongrel dogs and racing greyhounds. Cox RH, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):H655-62

Hypotension 1.5 min after 10% hemorrhage permits evaluation of rabbit's baroreflex. Yamazaki T, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):H450-6

Sustained myoclonus in a woman with startle epilepsy [letter] Bejar JM, et al. **Ann Neurol** 1985 Jul;18(1):101-3

A means to assess nursing efficiency in the pig: the study of the milk ejection reflex. Ellendorff F, et al. **Ann Rech Vet** 1984;15(2):271-4

Pallid syncope (reflex anoxic seizures) [editorial] Bower BD. **Arch Dis Child** 1984 Dec;59(12):1118-9

Pursuit is impaired but the vestibulo-ocular reflex is normal in infantile strabismus. Tychsen L, et al. **Arch Ophthalmol** 1985 Apr;103(4):536-9

Multichannel infant reflex audiometry (MIRA) a new method for evaluating hearing in infants (preliminary results). Kauffmann G, et al. **Arch Otorhinolaryngol** 1984;241(1):35-9

Manual stimulation of reflex voiding after spinal cord injury. Cardenas DD, et al. **Arch Phys Med Rehabil** 1985 Jul;66(7):459-62

Lower body negative pressure in the tranquilized rat. Bedford TG, et al. **Aviat Space Environ Med** 1985 Aug;56(8):786-90

Functional analysis of the gag reflex. Foster MA, et al. **Br Dent J** 1985 May 25;158(10):369-70

Electrically evoked activity in the human external anal sphincter. Wright AL, et al. **Br J Surg** 1985 Jan;72(1):38-41

Long-loop reflexes in small hand muscles studied in normal subjects and in patients with Huntington's disease. Noth J, et al. **Brain** 1985 Mar;108 (Pt 1):65-80

Bilateral lesions of the dorsolateral funiculus of the cat spinal cord: effects on basal nociceptive reflexes and nociceptive suppression produced by cholinergic activation of the pontine parabrachial region. Hayes RL, et al. **Brain Res** 1984 Oct 8;311(2):267-80

The oculocardiac reflex in strabismus surgery [letter] Apt L, et al. **Can J Ophthalmol** 1984 Aug;19(5):247-8

Carotid baroreceptor reflex coronary vasodilation in the dog. Ito BR, et al. **Circ Res** 1985 Apr;56(4):486-95

The Landau reaction in fullterm and preterm infants at four months of age. McGrew L, et al. **Dev Med Child Neurol** 1985 Apr;27(2):161-9

Primitive reflex profile [letter] Scherzer AL. **Dev Med Child Neurol** 1985 Feb;27(1):126-7

The flexor reflex--influence of stimulus parameters on the reflex response. Meinck HM, et al. **Electroencephalogr Clin Neurophysiol** 1985 Oct;61(4):287-98

Reflex actions of muscle afferents on fusimotor innervation in decerebrated cats: an assessment of beta contributions. Grill SE, et al. **Exp Brain Res** 1985;59(2):282-95

On the role of vestibulo-ocular reflex plasticity in recovery after unilateral peripheral vestibular lesions. Maioli C, et al. **Exp Brain Res** 1985;59(2):267-72

An anomalous vagorenal reflex pathway in the cat. Calaresu FR, et al. **Exp Neurol** 1985 Feb;87(2):278-90

Effects of brain epinephrine depletion on thermoregulation, reflex bradycardia, and motor activity in rats. Tsai SH, et al. **Exp Neurol** 1985 Mar;87(3):428-38

H-reflex waveform and latency variability in rats. Mattsson JL, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):944-8

Sneezing on exposure to bright light as an inherited response. Forrester JM. **Hum Hered** 1985;35(2):113-4

Study on an evaluation index for noise susceptibility. I. Estimation of critical bandwidth in acoustic reflex. Miyakita T, et al. **Int Arch Occup Environ Health** 1985;55(4):285-93

Study on an evaluation index for noise susceptibility. II. Reduction of [ART1k-ARTWN] and critical bandwidth in acoustic reflex. Miyakita T, et al. **Int Arch Occup Environ Health** 1985;55(4):295-303

Hypnosis: a tool for an integrative approach in the treatment of the gagging reflex. Eli I, et al. **Int J Clin Exp Hypn** 1985 Apr;33(2):99-108

In vivo desensitization using meditation-hypnosis in the treatment of tactile-induced gagging in a dental patient. Morse DR, et al. **Int J Psychosom** 1984;31(3):20-3

Characteristics of the spino-bulbo-spinal reflex with evoked EMGs in human subjects. Ishikawa T, et al. **Int J Sports Med** 1984 Aug;5(4):187-92

Head shaking and vestibulo-ocular reflex in congenital nystagmus. Carl JR, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1043-50

Reflex cardiovascular regulation in humans. Mancia G, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 3:S152-9 (36 ref.)

Brain-stem mechanisms governing resting and reflex tone of precapillary vessels. Reis DJ. **J Cardiovasc Pharmacol** 1985;7 Suppl 3:S160-6 (28 ref.)

Firing patterns of closer motoneurons during reflex activity in the dimorphic claws of the lobster Homarus americanus. Costello WJ, et al. **J Exp Zool** 1984 Aug;231(2):167-75

Brain-stem involvement in multiple sclerosis: a comparison between brain-stem auditory evoked potentials and the acoustic stapedius reflex. Kofler B, et al. **J Neurol** 1984;231(3):145-7

Epilepsia partialis continua: active cortical spike discharges and high cerebral blood flow in the motor cortex and enhanced transcortical long loop reflex. Kuroiwa Y, et al. **J Neurol** 1985;232(3):162-6

Reflex activity and axonal conduction in the L-7 spinal cord segment following experimental compression trauma. Nacimiento AC, et al. **J Neurosurg** 1985 Jun;62(6):898-905

Peripheral nerve stimulation suppression of C-fiber-evoked flexion reflex in rats. Part 1: Parameters of continuous stimulation. Sjölund BH. **J Neurosurg** 1985 Oct;63(4):612-6

Palateless dentures: help for the gagging patient. Farmer JB, et al. **J Prosthet Dent** 1984 Nov;52(5):691-4

Other reports of pilomotor seizures [letter] Lesser RP, et al. **Neurology** 1985 Feb;35(2):286-7

Brainstem auditory evoked potential and blink reflex in multiple sclerosis. Kayamori R, et al. **Neurology (NY)** 1984 Oct;34(10):1318-23

Development of the dynamic characteristics of the horizontal vestibulo-ocular reflex in infancy. Cioni G, et al. **Neuropediatrics** 1984 Aug;15(3):125-30

Gagging in dental radiography. Sewerin I. **Oral Surg Oral Med Oral Pathol** 1984 Dec;58(6):725-8

Heart rate deceleration is not an orienting reflex; heart rate acceleration is not a defensive reflex. Barry RJ, et al. **Pavlov J Biol Sci** 1985 Jan-Mar;20(1):15-28

Radiologic diagnosis of Hirschsprung's disease utilizing rectosphincteric reflex. Nagasaki A, et al. **Pediatr Radiol** 1984;14(6):384-7

Components of injury (haemorrhage and tissue ischaemia) affecting cardiovascular reflexes in man and rat. Little RA, et al. **Q J Exp Physiol** 1984 Oct;69(4):753-62

Effect of limb ischaemia on blood pressure and the blood pressure-heart rate reflex in the rat. Redfern WS, et al. **Q J Exp Physiol** 1984 Oct;69(4):763-79

Bulbocavernosus reflex testing in 100 consecutive cases of erectile dysfunction. Wabrek AJ. **Urology** 1985 May;25(5):495-8

[Two methods of mitigating the oculo-cardiac reflex during ocular muscle surgery under general anesthesia] Ge XY. **Chung Hua Yen Ko Tsa Chih** 1984 May;20(3):148-9 **(Chi)**

[Cardiac mechanoreactive reflexes] Pan JY. **Sheng Li Ko Hsueh Chin Chan** 1984 Jan;15(1):24-9 **(Chi)**

[200 years of Prochäska's definition of reflex] Trojan S. **Cas Lek Cesk** 1984 Oct 26;123(43):1317 **(Cze)**

[200 years of Procháska's definition of reflexes] Trojan S. **Cesk Fysiol** 1984;33(6):562-3 **(Cze)**

[Mutual relations between selected interoreflexive (so-called autonomic) and psychologic parameters] Opavský J, et al. **Cesk Neurol Neurochir** 1985 Jul;48(4):240-4 (Eng. Abstr.) **(Cze)**

[The bulbocavernous latency period] Chappel R, et al. **Acta Belg Med Phys** 1985 Jan-Mar;8(1):51-4 (Eng. Abstr.) **(Dut)**

[The tonic vibration reflex] De Cuyper H. **Acta Belg Med Phys** 1985 Jan-Mar;8(1):41-6 (Eng. Abstr.) **(Dut)**

[Attempted correlation between the optomotor reflex under general anesthesia and elongation test in 100 cases of concomitant convergent strabismus] Berard PV, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):589-93 (Eng. Abstr.) **(Fre)**

[Correlation between the Liège scale and a biomechanical marker of the cerebral lesion] Born JD, et al. **Neurochirurgie** 1984;30(5):319-23 (Eng. Abstr.) **(Fre)**

[Changes in lateral reflex movements of the eyes after caloric stimulation in toxic coma (letter)] Barret L, et al. **Presse Med** 1985 May 4;14(18):1041 **(Fre)**

[Use of the Steinbuch learn matrix for the formation of a regression model with binary variables] Prinz B. **DTW** 1985 Feb 7;92(2):75-9 (Eng. Abstr.) **(Ger)**

[Reflex epilepsies] Hess R, et al. **Schweiz Rundsch Med Prax** 1985 Jun 11;74(24):646-54 (Eng. Abstr.) **(Ger)**

[Eating epilepsy] Gyuris J, et al. **Orv Hetil** 1984 Nov 25;125(48):2937-9 (Eng. Abstr.) **(Hun)**

[Evoked responses of the bulbocavernosus reflex: with special reference to its clinical usefulness and problems] Ando M, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Apr;76(4):528-39 (Eng. Abstr.) **(Jpn)**

[Analysis of gaze stabilization during stepping and running] Hoshikawa H. **Nippon Jibiinkoka Gakkai Kaiho** 1985 May;88(5):678-86 (Eng. Abstr.) **(Jpn)**

[A Basic study of the deglutition reflex mechanism] Shin T, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 May;88(5):643-50 (Eng. Abstr.) **(Jpn)**

[Postural responses to a sudden forward tilting force in Parkinson's disease--analysis of surface electromyograms of leg muscles and in silent periods] Muroga T, et al. **Rinsho Shinkeigaku** 1985 Feb;25(2):135-40 (Eng. Abstr.) **(Jpn)**

[Stages in the development of reflexology] Vorob'ev RI. **Sov Zdravookhr** 1985;(2):57-61 **(Rus)**

[Central integration of motor function in the body. Prognostic considerations] Podivinský F, et al. **Cesk Neurol Neurochir** 1985 May;48(3):133-44 (109 ref.) **(Slo)**

[Effect of massaging the carotid sinus in individuals without hypersensitivity to the carotid sinus reflex] Rubio Sanz R, et al. **Rev Clin Esp** 1984 Oct 15;175(1):21-3 (Eng. Abstr.) **(Spa)**

[Pharyngeal reflex in diabetic patients and controls] Alvarez G, et al. **Rev Med Chil** 1984 Jun;112(6):541-3 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Cardiorespiratory reflex effects induced by intravenous administration of ethanol in rats. Penna M, et al.

Alcohol 1985 Jul-Aug;2(4):603-9

Reflex cardiovascular effects of intracoronary acetylstrophanthidin in the conscious dog. Barron KW, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):H930-6

Apparent reduction in baroreflex sensitivity to adenosine in conscious dogs. Hintze TH, et al. **Am J Physiol** 1985 Sep; 249(3 Pt 2):H554-9

Centrally administered naloxone blocks reflex natriuresis after acute unilateral nephrectomy. Lin SY, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):F390-5

Effect of prostaglandins on bradykinin-induced visceral-cardiac reflexes. Stebbins CL, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):H155-63

Vecuronium and the oculocardiac reflex [letter] Pryne SJ, et al. **Anaesthesia** 1985 Jan;40(1):88-9

Effects of low doses of meperidine on neonatal behavior. Kuhnert BR, et al. **Anesth Analg** 1985 Mar;64(3):335-42

Complex effects of isoflurane on baroreceptor reflex compounded by errors [letter] Boyce JR, et al. **Anesthesiology** 1984 Oct;61(4):479-81

Baroreceptor reflex control of heart rate during morphine sulfate, diazepam, N2O/O2 anesthesia in humans. Kotrly KJ, et al. **Anesthesiology** 1984 Nov;61(5):558-63

Does isoflurane really preserve baroreflex responsiveness better than halothane or enflurane? [letter] Roy RC. **Anesthesiology** 1984 Oct;61(4):482-4

Similarities and differences in the effects of verapamil, diltiazem and nifedipine on arterial baroreflexes of anesthetized cats. Abdel-Rahman AR, et al. **Arch Int Pharmacodyn Ther** 1985 May;275(1):33-46

Cadmium alters arterial baroreflex control of heart rate in the conscious rat. Germanó D, et al. **Arch Toxicol [Suppl]** 1984;7:374-7

The effects of ethanol on visual-vestibular interaction during active and passive head movements. Barnes GR, et al. **Aviat Space Environ Med** 1985 Jul;56(7):695-701

Increase in reflex vasoconstriction with indomethacin in patients with orthostatic hypotension and central nervous system involvement. Imaizumi T, et al. **Br Heart J** 1984 Nov;52(5):581-4

Effects of ketamine and three other anaesthetics on spinal reflexes and inhibitions in the cat. Lodge D, et al. **Br J Anaesth** 1984 Oct;56(10):1143-51

The effect of captopril on the reflex control heart rate: possible mechanisms. Ajayi AA, et al. **Br J Clin Pharmacol** 1985 Jul;20(1):17-25

The effect of nicardipine on blood pressure, its variability and reflex cardiac control. Littler WA, et al. **Br J Clin Pharmacol** 1985;20 Suppl 1:115S-119S

Systemic capsaicin treatment impairs the micturition reflex in the rat. Holzer-Petsche U, et al. **Br J Pharmacol** 1984 Dec;83(4):935-41

Effects of catecholamines on spinal motoneurones and spinal reflex discharges in the isolated spinal cord of the newborn rat. Kitazawa T, et al. **Brain Res** 1985 Mar;351(1):31-6

Studies on pain. Effects of morphine on a spinal nociceptive flexion reflex and related pain sensation in man. Willer JC. **Brain Res** 1985 Apr 1;331(1):105-14

Analysis of the pressor sympathetic reflex produced by intracoronary injections of bradykinin in conscious dogs. Pagani M, et al. **Circ Res** 1985 Feb;56(2):175-83

The long-term increase of baseline and reflexly augmented levels of human vagal-cardiac nervous activity induced by scopolamine. Dibner-Dunlap ME, et al. **Circulation** 1985 Apr;71(4):797-804

Digitalis-induced augmentation of cardiopulmonary baroreflex control of forearm vascular resistance. Imamura T, et al. **Circulation** 1985 Jan;71(1):11-6

Role of the baroreceptor-reflex in the mediation of responses following central angiotensin II administration. Becker H, et al. **Clin Exp Hypertens** [A] 1984;6(10-11):1859-62

Mechanisms concerned with blood pressure variability throughout the day. Conway J, et al. **Clin Exp Hypertens** [A] 1985;7(2-3):153-7

Naloxone suppresses the vasodepressor action of captopril in the anaesthetized dog. Montastruc JL, et al. **Clin Exp Hypertens** [A] 1984;6(10-11):1825-8

Differential effects of vasopressin (AVP) and oxytocin (OXT) on the baroreceptor reflex in conscious rats. Petty MA, et al. **Clin Exp Hypertens** [A] 1984;6(10-11):1943-6

Attenuation by diltiazem of arterial baroreflex sensitivity in man. Giudicelli JF, et al. **Eur J Clin Pharmacol** 1984; 26(6):675-9

Colon motility and colo-anal reflexes in chronic idiopathic constipation. Effects of a novel enterokinetic agent cisapride. Reboa G, et al. **Eur J Clin Pharmacol** 1984; 26(6):745-8

Vagally mediated reflex and cardiac slowing induced by loperamide in rats. Gautret B, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):157-60

An imidazodiazepine derivative, Ro 15-1788, behaves as a weak partial agonist in the crossed extensor reflex. Kawasaki K, et al. **Eur J Pharmacol** 1984 Jun 15; 102(1):147-50

Effects of fentanyl on a bradykinin-induced excitatory cardiac reflex in the anaesthetized rat. Vetterlein F, et al. **Eur J Pharmacol** 1984 Sep 17;104(3-4):345-9

Morphine selectively facilitates the inspiratory-inhibitory vagal reflex in adult rabbits. Budzińska K, et al. **Experientia** 1985 Apr 15;41(4):458-60

Different effects of vasopressin and angiotensin II on baroreflexes. Schmid PG, et al. **Fed Proc** 1985 May; 44(8):2388-92

Captopril potentiates chronotropic baroreflex responses to carotid stimuli in humans. Ebert TJ. **Hypertension** 1985 Jul-Aug;7(4):602-6

Role of adrenergic and histaminergic systems in clonidine-induced inhibition of the pinnal reflex in mice [letter] Singh PP, et al. **Indian J Physiol Pharmacol** 1984 Apr-Jun;28(2):173-6

Effect of alcohol on apnea reflexes in young lambs. Grogaard J, et al. **J Appl Physiol** 1985 Aug;59(2):420-5

Bradykinin-induced chemoreflexes from skeletal muscle: implications for the exercise reflex. Stebbins CL, et al. **J Appl Physiol** 1985 Jul;59(1):56-63

Central nervous system opiate and 5-hydroxytryptamine influences on baroreflex control of the coronary circulation. Moore PG, et al. **J Auton Nerv Syst** 1985 Feb-Mar; 12(2-3):185-94

Effects of morphine on somatocardiac sympathetic reflexes in spinalized cats. Sato A, et al. **J Auton Nerv Syst** 1985 Feb-Mar;12(2-3):175-84

Suppression of reflex tachycardia following alpha-adrenoceptor blockade in conscious dogs: comparison of urapidil with prazosin. Shebuski RJ, et al. **J Cardiovasc Pharmacol** 1984 Sep-Oct;6(5):788-94

Behavioral teratology--results achieved and perspectives of development. Vergieva T. **J Hyg Epidemiol Microbiol Immunol** 1985;29(2):121-7

Stereoselectivity of spinal neurotransmission: effects of baclofen enantiomer on tail-flick reflex in rats. Smith DF. **J Neural Transm** 1984;60(1):63-7

Central nervous sensitization and dishabituation of reflex action in an insect by the neuromodulator octopamine. Sombati S, et al. **J Neurobiol** 1984 Nov;15(6):455-80

Reversible abnormalities of the Hering Breuer reflex in acrylamide neuropathy. Satchell P. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):670-5

Spinalization unmasks clonidine's alpha 1-adrenergic mediated excitation of the flexor reflex in rats. Kehne JH, et al. **J Neurosci** 1985 Jun;5(6):1583-90

Kinetics of drug action in disease states. IV. Effect of pregnancy on phenobarbital concentrations at onset of loss of righting reflex in rats. Danhof M, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):426-9

Kinetics of drug action in disease states. VI. Effect of experimental diabetes on phenobarbital concentrations in rats at onset of loss of righting reflex. Danhof M, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):435-8

Kinetics of drug action in disease states. V. Acute effect of urea infusion on phenobarbital concentrations in rats at onset of loss of righting reflex. Danhof M, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):430-4

Kinetics of drug action in disease states. XIII. Effect of dialyzable component(s) of uremic blood on phenobarbital concentrations in rats at onset of loss of righting reflex. Hisaoka M, et al. **J Pharmacol Exp Ther** 1985 Jul; 234(1):180-3

Kinetics of drug action in disease states. IX. Effect of experimental fever on phenobarbital concentrations at onset of loss of righting reflex in rats. Hisaoka M, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):722-4

Suppression of reflex tachycardia by central administration of the alpha-1 adrenoceptor antagonists urapidil and prazosin in anesthetized dogs. Shebuski RJ, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):456-62

Reflex cardiopulmonary responses by stimulation to type J receptors in rats exposed to NO2. Tsubone H, et al. **J Toxicol Environ Health** 1984;13(4-6):905-17

The effect of capsaicin pretreatment on the cystometrograms of urethane anesthetized rats. Santicioli P, et al. **J Urol** 1985 Apr;133(4):700-3

Analysis of the vagal reflex tracheal constriction in the dog. Hosokawa T, et al. **Jpn J Pharmacol** 1984 Oct;36(2):241-8

The role of vagal reflex in mechanism of secretagogic action of bromhexine. Takeda H, et al. **Jpn J Pharmacol** 1984 Aug;35(4):445-50

The effects of buspirone, BMY-13805 and 1-(2-pyrimidinyl)-piperazine on cat spinal reflexes. Matheson GK, et al. **Methods Find Exp Clin Pharmacol** 1985 May;7(5):231-8

The effects of RO15-1788, alone and in combination with diazepam, on ethanol-induced loss of righting reflex in rats. Regan BA, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:333-7

Electrophysiologically recorded C-fiber reflexes in intact and acute decerebrate-spinal cats: absence of naloxone facilitation in intact cats. Bell JA, et al. **Neuropharmacology** 1985 Jun;24(6):555-9

Cyclobenzaprine: effect on tonic vibration reflexes in local tetanus cat preparations. Share NN. **Neuropharmacology** 1984 Aug;23(8):947-53

The effect of clonidine on adrenal sympathetic nerve responses to mechanical, noxious and innocuous stimulation of the skin in rats. Kurosawa M, et al. **Neurosci Lett** 1985 Feb 4;53(3):253-8

The effects of vertebral artery injections of an enkephalin analogue, (D-Met2,Pro5)-enkephalinamide, on somatosympathetic reflexes. Sándor P, et al. **Neurosci Lett** 1985 Jan 7;53(1):87-93

Effects of glutamate, substance P and eledoisin-related peptide on solitary tract neurones involved in respiration and respiratory reflexes. Henry JL, et al. **Neuroscience** 1985 Mar;14(3):863-73

Effects of neuroleptics on rate and duration of operant versus reflexive licking in rats. Gramling SE, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):541-5

Association of spontaneous and dopaminergic-induced yawning and penile erections in the rat. Holmgren B, et al. **Pharmacol Biochem Behav** 1985 Jan;22(1):31-5

Learned tolerance to ethanol in a spinal reflex separated from supraspinal control. Jørgensen HA, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):293-5

[D-Ala2]-methionine enkephalinamide reflexively induces antinociception by activating vagal afferents. Randich A, et al. **Pharmacol Biochem Behav** 1984 Sep;21(3):441-8

Possible involvement of central adrenergic and histaminergic systems in clonidine-induced inhibition of pinna reflex. Singh PP, et al. **Pharmacol Res Commun** 1985 Mar; 17(3):261-9

Two endogenous neuropeptides modulate the gill and siphon withdrawal reflex in Aplysia by presynaptic facilitation involving cAMP-dependent closure of a serotonin-sensitive potassium channel. Abrams TW, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7956-60

Timing of yawns induced by a small dose of apomorphine and its alteration by naloxone. Szechtman H. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):743-6

Yawning elicited by systemic and intrastriatal injection of piribedil and apomorphine in the rat. Dourish CT, et al. **Psychopharmacology (Berlin)** 1985;86(1-2):175-81

The effects of hypercapnia and cooling the ventral medullary surface on capsaicin induced respiratory reflexes. Mitra J, et al. **Respir Physiol** 1985 Jun;60(3):377-85

The effects of morphine, naloxone and capsaicin on C-fiber reflex and heat evoked discharge in acute spinal cats. Matsumiya T, et al. **Tokai J Exp Clin Med** 1984 Mar; 9(1):13-20

The effect of naloxone on C-fiber reflex in cats. Matsumiya T, et al. **Tokai J Exp Clin Med** 1984 Aug;9(3):223-30

The effect of capsaicin on C-fiber reflex and heat evoked discharge in the acute spinal cat. Matsumiya T, et al. **Tokai J Exp Clin Med** 1983 Nov;8(4):325-32

Development of reflexes in neonatal mice prenatally exposed to methylmercury and selenite. Satoh H, et al. **Toxicol Lett** 1985 May;25(2):199-203

[Recovery of sensation and reflex activity during treatment with ethanol] Bruno C, et al. **Boll Soc Ital Biol Sper** 1985 Feb 28;61(2):259-62 (Eng. Abstr.) (Ita)

[Action of benzodiazepines on spinal dorsal root reflex potentials in cats] Suzuki T. **Nippon Yakurigaku Zasshi** 1984 Jul;84(1):99-108 (Eng. Abstr.) (Jpn)

[Pharmacology of a new sleep inducer, 1H-1,2,4-triazolyl benzophenone derivative, 450191-S (II). Sleep-inducing activity and effect on the motor system] Yamamoto K, et al. **Nippon Yakurigaku Zasshi** 1984 Jul;84(1):25-89 (Eng. Abstr.) (Jpn)

[Effect of desglycine-arginine vasopressin on the excitability of the command neurons of the defensive reflex in the edible snail] Kudriashova IV, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):5-7 (Eng. Abstr.) (Rus)

[Effect of morphine on autonomic reflexes induced by stimulation of afferent fibers in the stomach] Itina LV, et al. **Fiziol Zh SSSR** 1985 Feb;71(2):231-7 (Eng. Abstr.) (Rus)

[Role of hypothalamic adrenoreactive structures in regulating the protective reaction to plasmin] Kalishevskaia TM, et al. **Fiziol Zh SSSR** 1985 Apr;71(4):418-21 (Eng. Abstr.) (Rus)

[Baroreceptor reflexes after exposure to the hypotensive action of prazosin blocking postsynaptic alpha 1-adrenergic receptors] Manucharov S, et al. **Kardiologiia** 1985 Jan; 25(1):77-80 (Eng. Abstr.) (Rus)

[Effect of bulbar microinjections of noradrenaline, isoproterenol and phentolamine on the spino-bulbo-spinal reflex in the cat] Gokin AP, et al. **Neirofiziologiia** 1984; 16(4):550-3 (Eng. Abstr.) (Rus)

[Effect of naloxone on coughing] Carreira-Monteiro ME, et al. **Rev Esp Fisiol** 1985 Mar;41(1):43-7 (Eng. Abstr.) (Spa)

PHYSIOLOGY

Effect of hyperthermia induced by environmental heat stress on vascular interoceptor reflexes. Yang K, et al. **Acta Acad Med Wuhan** 1985;5(2):86-91

Circadian variation of yawning behavior. Anias J, et al. **Acta Neurobiol Exp (Warsz)** 1984;44(4):179-86

Response of respiratory motoneurons to release from vagal inhibition in the rabbit. Budzińska K, et al. **Acta Neurobiol Exp (Warsz)** 1984;44(6):249-62

Harmonic versus impulsive acceleration testing of the vestibulo-ocular reflex in normal humans. Buizza A, et al. **Acta Otolaryngol (Stockh)** 1985 Jul-Aug;100(1-2):106-11

Effects of nasal capsaicin pretreatment and cryosurgery on sneezing reflexes, neurogenic plasma extravasation, sensory and sympathetic neurons. Lundblad L, et al. **Acta Otolaryngol (Stockh)** 1985 Jul-Aug;100(1-2):117-27

Modulation of the visuo-ocular reflex by the vestibulo-ocular reflex in peripheral vision. Tamada A, et al. **Acta Otolaryngol (Stockh)** 1985 Jul-Aug;100(1-2):112-6

Participation of the beta-adrenergic receptor in the enteroruminal reflex and enteroenteric reflex. Wegrzyn T, et al. **Acta Physiol Pol** 1984 May-Jun;35(3):193-8

Cardiovascular control during exercise: central and reflex neural mechanisms. Mitchell JH. **Am J Cardiol** 1985 Apr 26;55(10):34D–41D

Macular reflexes in optic atrophy. Safran AB, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):494–8

Vertical vestibulo-ocular reflex in patients with benign paroxysmal positional nystagmus. Baloh RW, et al. **Am J Otolaryngol** 1985 Mar–Apr;6(2):75–8

Splenic and renal sympathetic responses to stimulation of splenic receptors in cats. Calaresu FR, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R856–65

Reflex sympathetic effects on liver vascular space and liver perfusion in dogs. Cousineau D, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):H186–92

Reflexes fail to reduce pressor activity of vasopressin in spontaneous hypertension. Datar S, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):H49–54

Reflex control of osmotically stimulated vasopressin in normal humans. Goldsmith SR, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):R660–3

Intestinal nerves and ion transport: stimuli, reflexes, and responses. Hubel KA. **Am J Physiol** 1985 Mar;248(3 Pt 1):G261–71 (114 ref.)

Urinary responses to cold temperature during water immersion. Knight DR, et al. **Am J Physiol** 1985 May;248(5 Pt 2):R560–6

Role of the pituitary in reflex natriuresis following acute unilateral nephrectomy. Lin SY, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F282–90

Circulatory responses to onset of exercise: role of arterial and cardiac baroreflexes. Ludbrook J, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):H457–67

Anterior hypothalamic lesions impair reflex bradycardia selectively in rats. Miyajima E, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):H937–44

Dietary salt loading produces baroreflex impairment and mild hypertension in rats. Miyajima E, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):H278–84

Influence of age on cardiovascular reflex response in anesthetized rats. Wei JY, et al. **Am J Physiol** 1985 Jul; 249(1 Pt 2):R31–8

Electrophysiologic studies of the facial reflexes of the dog. Whalen LR. **Am J Vet Res** 1985 Jan;46(1):229–34

Histamine-induced reflex tracheal constriction is attenuated by hyperoxia and exaggerated by hypoxia. Vidruk EH, et al. **Am Rev Respir Dis** 1985 Aug;132(2):287–91

Hepatojugular reflux: useful in the bedside diagnosis of tricuspid regurgitation. Maisel AS, et al. **Ann Intern Med** 1984 Dec;101(6):781–2

Assessment of vestibulo-ocular reflexes in congenital nystagmus. Gresty MA, et al. **Ann Neurol** 1985 Feb; 17(2):129–36

Experimental evidence for a vagally mediated and cholecystokinin-independent enteropancreatic reflex. Fried GM, et al. **Ann Surg** 1985 Jul;202(1):69–74

Cardiovascular responses to hypoxia in the spontaneously breathing cat: reflexes originating from carotid and aortic bodies. Serani A, et al. **Arch Biol Med Exp (Santiago)** 1983 Aug;16(1):29–41

Variations of the jaw opening reflex observed in awake, freely moving rats. Pajot J, et al. **Arch Int Pharmacodyn Ther** 1984 Aug;270(2):309–17

Tonic inhibitory influences of locus coeruleus on the response gain of limb extensors to sinusoidal labyrinth and neck stimulations. D'Ascanio P, et al. **Arch Ital Biol** 1985 May; 123(2):69–100

Hypoglossal high threshold afferents projecting to the secondary somatosensory area in the cat. Hanson J. **Arch Ital Biol** 1985 Feb;123(1):63–8

Short and long latency jaw-opening reflex responses elicited by mechanical stimulation in man. Yamada Y, et al. **Arch Oral Biol** 1985;30(2):197–200

Is there an auriculovagal reflex producing cardiac dysrhythmias? [letter] Moorthy SS, et al. **Arch Otolaryngol** 1985 Sep;111(9):631

Effects of asymmetric vertebral blood flow upon the vestibulo-ocular reflex of the rabbit. Yamamoto K, et al. **Arch Otorhinolaryngol** 1985;241(2):195–202

Development of vertical vestibulo-ocular reflex characteristics in intact and flocculectomized rabbits visually deprived from birth. Favilla M, et al. **Behav Brain Res** 1984 Sep;13(3):209–16

The threshold for eliciting the jaw opening reflex in rats is not increased by neonatal capsaicin. Tal M. **Behav Brain Res** 1984 Aug;13(2):197–200

Cardiac startle and orienting responses in the great apes. Berntson GG, et al. **Behav Neurosci** 1984 Oct;98(5):914–8

Trigeminal reflexes and ingestive behavior in the rat. Zeigler HP, et al. **Behav Neurosci** 1984 Dec;98(6):1023–38

New experimental data on cat's optokinetic responses. Is there need to revise previous models of the optokinetic reflex? Buizza A, et al. **Biol Cybern** 1985;51(5):301–4

Orienting reaction in patients with night terrors. Rogozea R, et al. **Biol Psychiatry** 1985 Aug;20(8):894–905

Effects of increasing depth of anaesthesia on phrenic nerve and hypoglossal nerve activity during the swallowing reflex in cats. Nishino T, et al. **Br J Anaesth** 1985 Feb; 57(2):208–13

The role of substance P as a neurotransmitter in the reflexes of slow time courses in the neonatal rat spinal cord. Akagi H, et al. **Br J Pharmacol** 1985 Mar;84(3):663–73

A study of jaw reflexes of the awake cat during mastication and locomotion. Lund JP, et al. **Brain Behav Evol** 1984; 25(2–3):146–56

Maturation of brainstem reflex mechanisms in relation to the transition from liquid to solid food ingestion. Thexton AJ, et al. **Brain Behav Evol** 1984;25(2–3):138–45

Cardiovascular and T2–T4 dorsal horn cell responses to gallbladder distention in the cat. Ammons WS, et al. **Brain Res** 1984 Nov 12;321(2):267–77

An investigation of the dorsal root reflex using an in vitro preparation of the hamster spinal cord. Bagust J, et al. **Brain Res** 1985 Apr 8;331(2):315–25

Directional sensitivity of neurons in the lumbar spinal cord to neck rotation. Brink EE, et al. **Brain Res** 1984 Dec 3; 323(1):172–5

The digastric reflex evoked by tooth-pulp stimulation in the cat and its modulation by stimuli applied to the limbs. Cadden SW. **Brain Res** 1985 Jun 10;336(1):33–43

The effects of anaesthetics and remote noxious stimuli on the jaw-opening reflex evoked by tooth-pulp stimulation in the cat. Clarke RW, et al. **Brain Res** 1985 Feb 18; 327(1–2):105–11

The effects of decerebration and destruction of nucleus raphe magnus, periaqueductal grey matter and brainstem lateral reticular formation on the depression due to surgical trauma of the jaw-opening reflex evoked by tooth-pulp stimulation in the cat. Clarke RW. **Brain Res** 1985 Apr 22;332(2):231–6

The participation of forelimb flexors in labyrinth and neck reflexes in the decerebrate cat. Conway BA, et al. **Brain Res** 1984 Nov 19;322(1):148–51

Determination of excitability in human proprioceptive reflexes: analysis and characteristics of EMG thresholds of postural muscle. Davies TW, et al. **Brain Res** 1985 Jul 22;339(1):19–26

Operant conditioning of somatosensory evoked potential (SEP) amplitude in rats. II. Associated changes in reflex and continuous non-timelocked movements. Dowman R, et al. **Brain Res** 1985 May 6;333(2):213–22

Forelimb responses to cutaneous nerve stimulation during locomotion in intact cats. Drew T, et al. **Brain Res** 1985 Mar 11;329(1–2):323–8

Activity of muscle spindles, motor cortex and cerebellar nuclei during action tremor. Elble RJ, et al. **Brain Res** 1984 Dec 10;323(2):330–4

Development of habituation in the crayfish due to selective weakening of electrical synapses. Fricke RA. **Brain Res** 1984 Nov 19;322(1):139–43

Attenuation of the reflex pressor response to muscular contraction by a substance P antagonist. Kaufman MP, et al. **Brain Res** 1985 Apr 29;333(1):182–4

Pontomedullary raphe neurons: monosynaptic excitation from midbrain sites that suppress the jaw opening reflex. Mason P, et al. **Brain Res** 1985 Mar 11;329(1–2):384–9

Separation of the medullo-spinal descending pathway for somatic and autonomic outflow in the cat. Miyazawa T, et al. **Brain Res** 1985 May 20;334(2):297–302

Tonic cervical influences on eye nystagmus following hemilabyrinthectomy: immediate and plastic effects. Pettorossi VE, et al. **Brain Res** 1984 Dec 17;324(1):11–9

Inhibition of nociceptive withdrawal flexion reflexes through a dorsal column-brainstem-spinal loop. Saadé N, et al. **Brain Res** 1985 Jun 3;335(2):306–8

Modulation of segmental mechanisms by activation of a dorsal column brainstem spinal loop. Saadé NE, et al. **Brain Res** 1984 Sep 17;310(1):180–4

Descending lumbosacral cord potentials (DLCP) evoked by stimulation of the median nerve. Sarica Y, et al. **Brain Res** 1985 Jan 28;325(1–2):299–301

Effects of a distant noxious stimulation on A and C fibre-evoked flexion reflexes and neuronal activity in the dorsal horn of the rat. Schouenborg J, et al. **Brain Res** 1985 Feb 25;328(1):23–32

Effects of enkephalin and 5-hydroxytryptamine on solitary tract neurones involved in respiration and respiratory reflexes. Sessle BJ, et al. **Brain Res** 1985 Feb 18; 327(1–2):221–30

Long-term retention of a peripherally induced flexor reflex alteration in rats. Steinmetz JE, et al. **Brain Res** 1985 Feb 18;327(1–2):312–5

Neural organization of the viscero-cardiac reflexes. Szulczyk P, et al. **Brain Res** 1985 Feb 11;326(2):261–71

Chest wall reflexes in newborns. Trippenbach T. **Bull Eur Physiopathol Respir** 1985 Mar–Apr;21(2):115–22 **(Eng, Fre)**

Closed-loop baroreflex control of total peripheral resistance in the cat: identification of gains by aid of a model. Burattini R, et al. **Cardiovasc Res** 1984 Dec;18(12):715–23

Interaction of canine carotid sinus and aortic arch baroreflexes in the control of total peripheral resistance. Brunner MJ, et al. **Circ Res** 1984 Dec;55(6):740–50

Comments on 'Carotid sinus baroreceptor reflex control and the role of autoregulation in the systemic and pulmonary arterial pressure-flow relationships of the dog' [letter] Burattini R. **Circ Res** 1985 Jul;57(1):198–200

Vagal chemoreflex coronary vasodilation evoked by stimulating pulmonary C-fibers in dogs. Clozel JP, et al. **Circ Res** 1985 Sep;57(3):450–60

Mechanisms of blood pressure variability in man. Mancia G, et al. **Clin Exp Hypertens [A]** 1985;7(2–3):167–78

Absence of alarm reactions with use of non-invasive blood pressure monitoring devices. Pomidossi G, et al. **Clin Exp Hypertens [A]** 1985;7(2–3):429–36

Concern about gain: is this the best measure of performance of cardiovascular reflexes? Ludbrook J. **Clin Exp Pharmacol Physiol** 1984 Jul–Aug;11(4):385–9

Changes in plasma catecholamines in response to reflex modulation of sympathetic vasoconstrictor tone by cardiopulmonary receptors. Grassi G, et al. **Clin Sci** 1985 May;68(5):503–10

Do periodontal mechanoreceptors mediate the short latency excitatory reflex in human masseter muscle? Carels C, et al. **Electromyogr Clin Neurophysiol** 1985 May–Jun; 25(4):261–70

Baroreflex modulation of ventricular rhythm in atrial fibrillation. Borst C, et al. **Eur Heart J** 1984 Nov; 5(11):870–5

Visual and vestibular contributions to pitch sway stabilization in the ankle muscles of normals and patients with bilateral peripheral vestibular deficits. Allum JH, et al. **Exp Brain Res** 1985;58(1):82–94

Autogenic and nonautogenic sensorimotor actions in the control of multiarticulate hand movements. Cole KJ, et al. **Exp Brain Res** 1984;56(3):582–5

Human ocular counterroll: assessment of static and dynamic properties from electromagnetic scleral coil recordings. Collewijn H, et al. **Exp Brain Res** 1985;59(1):185–96

Visual-vestibular interaction studied with stroboscopically illuminated visual patterns. Curio G, et al. **Exp Brain Res** 1985;58(2):294–304

Cerebral potentials and leg muscle e.m.g. responses associated with stance perturbation. Dietz V, et al. **Exp Brain Res** 1985;57(2):348–54

Responses of cat vestibular neurons to stimulation of the frontal cortex. Fukushima K, et al. **Exp Brain Res** 1984; 56(2):275–8

Frontal lobe lesions in man cause difficulties in suppressing reflexive glances and in generating goal-directed saccades. Guitton D, et al. **Exp Brain Res** 1985;58(3):455–72

Response of the human vestibulo-ocular reflex following long-term 2x magnified visual input. Istl-Lenz Y, et al. **Exp Brain Res** 1985;57(3):448–55

Synaptic connections from large muscle afferents to the motoneurons of various leg muscles in man. Mao CC, et al. **Exp Brain Res** 1984;56(2):341–50

From activity to rest: gating of excitatory autogenetic afferences from the relaxing muscle in man. Schieppati M, et al. **Exp Brain Res** 1984;56(3):448–57

Ocular stability in the horizontal, frontal and sagittal planes in the rabbit. Van der Steen J, et al. **Exp Brain Res** 1984; 56(2):263–74

Myoelectric response of the human triceps brachii to displacement-controlled oscillations of the forearm. Zahalak GI, et al. **Exp Brain Res** 1985;58(2):305–17

Conditioned stimulus intensity: role of cutaneous fiber size in classical conditioning of the flexion reflex in the spinal cat. Misulis KE, et al. **Exp Neurol** 1984 Oct;86(1):81–92

Development and maturation of postural reflexes in normal kittens. Sechzer JA, et al. **Exp Neurol** 1984 Dec; 86(3):493–505

Arterial and cardiopulmonary reflexes in the regulation of the neurohumoral drive to the circulation. Bishop VS, et al. **Fed Proc** 1985 May;44(8):2377–81 (31 ref.)

The contribution of neuroscience to exercise studies. Enoka RM, et al. **Fed Proc** 1985 Apr;44(7):2279–85 (49 ref.)

Contribution of sympathetic neural reflexes to mineralocorticoid escape. Romero JC, et al. **Fed Proc** 1985 May;44(8):2382–7 (42 ref.)

Aspects of cardiovascular reflexes in pathologic states. Zucker IH, et al. **Fed Proc** 1985 May;44(8):2400–7 (49 ref.)

Hemisphere lateralization of the extrapolation reflex. Bianki VL, et al. **Int J Neurosci** 1985 Jan;25(3–4):195–205

Cephalic and digital vasomotor orienting responses: the effect of response localization, stimulus type and stimulus repetition. Figar S, et al. **Int J Neurosci** 1984 Dec; 25(1–2):99–112

Adaptation of saccadic and vestibulo-ocular systems after extraocular muscle tenectomy. Snow R, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):924–31

Reflexes unique to myocardial ischemia and infarction. Robertson D, et al. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):99B–104B

Carotid sinus reflex control of coronary blood flow in human subjects. Volpe M, et al. **J Am Coll Cardiol** 1985 Jun; 5(6):1312–8

Cardiopulmonary reflexes and blood pressure in exercising sinoaortic-denervated dogs. Daskalopoulos DA, et al. **J Appl Physiol** 1984 Nov;57(5):1417–21

Comparison of chemoreflex gains obtained with two different methods in cats. DeGoede J, et al. **J Appl Physiol** 1985 Jul;59(1):170–9

Reflex effects and receptor responses to upper airway pressure and flow stimuli in developing puppies. Fisher JT, et al. **J Appl Physiol** 1985 Jan;58(1):258–64

Adaptation to reflex effects of prolonged lung inflation. Grippi MA, et al. **J Appl Physiol** 1985 Apr;58(4):1360–71

Peripheral factors influencing expression of pressor reflex evoked by muscular contraction. Iwamoto GA, et al. **J Appl Physiol** 1985 May;58(5):1676–82

Reversal of reflex pulmonary vasoconstriction induced by main pulmonary arterial distension. Juratsch CE, et al. **J Appl Physiol** 1985 Apr;58(4):1107–14

Reflex control of expiratory duration in newborn infants. Kosch PC, et al. **J Appl Physiol** 1985 Feb;58(2):575–81

Ascending spinal pathways for somatoautonomic reflexes in the anesthetized dog. Kozelka JW, et al. **J Appl Physiol** 1985 Jun;58(6):1832–9

Reflex compensation of spontaneous breathing when immersion changes diaphragm length. Reid MB, et al. **J Appl Physiol** 1985 Apr;58(4):1136–42

Reflex tracheal contraction evoked in dogs by bronchodilator prostaglandins E2 and I2. Roberts AM, et al. **J Appl Physiol** 1985 Jun;58(6):1823–31

Increasing gracilis muscle interstitial potassium concentrations stimulate group III and IV afferents. Rybicki KJ, et al. **J Appl Physiol** 1985 Mar;58(3):936–41

Pulmonary C-fibers reflexly increase secretion by tracheal submucosal glands in dogs. Schultz HD, et al. **J Appl Physiol** 1985 Mar;58(3):907–10

Central and local cholinergic components of histamine-induced bronchoconstriction in dogs. Shore SA, et al. **J Appl Physiol** 1985 Feb;58(2):443–51

Cardiorespiratory reflexes from muscles during dynamic and static exercise in the dog. Tallarida G, et al. **J Appl Physiol** 1985 Mar;58(3):844–52

Effect of temperature and baroreceptor stimulation on reflex venomotor responses. Tripathi A, et al. **J Appl Physiol** 1984 Nov;57(5):1384–92

Effects of chronic right-to-left cardiac shunt on hypoxic sensitivity of mongrel dogs. Von Colditz JH, et al. **J Appl Physiol** 1985 Jun;58(6):1767–75

Interaction of local and reflex thermal effects in control of forearm blood flow. Wenger CB, et al. **J Appl Physiol** 1985 Jan;58(1):251–7

Asthma and nasal reflexes--1919. **J Asthma** 1984;21(5):355–6

Entero-pancreatic reflexes revealed by duodenal anesthesia in the dog. Biedzinski TM, et al. **J Auton Nerv Syst** 1985 Jun;13(2):111–23

Impairment of cardiovascular autonomic reflexes in multiple symmetric lipomatosis. Fedele D, et al. **J Auton Nerv Syst** 1984 Sep;11(2):181–8

Reflex changes in sympatho-adrenal medullary functions in response to baroreceptor stimulation in anesthetized rats. Ito K, et al. **J Auton Nerv Syst** 1984 May–Jun;10(3–4):295–303

Split medulla preparation in the cat: arterial chemoreceptor reflex and respiratory modulation of the renal sympathetic nerve activity. Kubin L, et al. **J Auton Nerv Syst** 1985 Feb–Mar;12(2–3):211–25

Meal size: role of reflexly induced insulin release. Louis-Sylvestre J. **J Auton Nerv Syst** 1984 May–Jun;10(3–4):317–24 (45 ref.)

The median preoptic area in cardiovascular reflex activity. Manning JW, et al. **J Auton Nerv Syst** 1985 Feb–Mar;12(2–3):239–49

Reflex control of the autonomic nervous system activity from the glucose sensors in the liver in normal and midpontine-transected animals. Niijima A. **J Auton Nerv Syst** 1984 May–Jun;10(3–4):279–85

The aortic nerve-sympathetic reflex in the rat. Numao Y, et al. **J Auton Nerv Syst** 1985 May;13(1):65–79

Reflex control of regional circulations in humans. Rowell LB. **J Auton Nerv Syst** 1984 Sep;11(2):101–14 (70 ref.)

Central nervous system 5-hydroxytryptamine and noradrenaline specificity of ear vascular and ventilation reflexes in thermoregulating rabbits. White SW, et al. **J Auton Nerv Syst** 1985 Feb–Mar;12(2–3):131–44

Acute colonic pseudo-obstruction: a possible role for the colocolonic reflex. Romeo DP, et al. **J Clin Gastroenterol** 1985 Jun;7(3):256–60

Effect of hypoxia on the excitability of two cranial reflexes in unanaesthetized fetal sheep. Walker DW, et al. **J Dev Physiol** 1984 Oct;6(5):387–99

The rate of arterial blood pressure change as a factor in the hysteresis of the baroreceptor reflex. Masuda Y, et al. **J Hypertens** 1984 Apr;2(2):189–94

Continuous ambulatory monitoring of blood pressure and assessment of cardiovascular reflexes in the elderly hypertensive. Rowlands DB, et al. **J Hypertens** 1984 Dec;2(6):615–22

Transfer of habituation in Aplysia: contribution of heterosynaptic pathways in habituation of the gill-withdrawal reflex. Goldberg JI, et al. **J Neurobiol** 1984 Nov;15(6):395–411

The tail flattening reflex in Lumbricus: reconstitution after tail amputation and modifications in segmental nerve roots. Gras H. **J Neurobiol** 1984 Jul;15(4):249–61

Proprioceptor distribution and control of a muscle reflex in the tibia of spider legs. Seyfarth EA, et al. **J Neurobiol** 1984 Sep;15(5):365–74

Reflex path length and clonus frequency [letter] Nathan P, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):725

Compensation for intrinsic muscle stiffness by short-latency reflexes in human triceps surae muscles. Allum JH, et al. **J Neurophysiol** 1984 Nov;52(5):797–818

Neuron activity in monkey vestibular nuclei during vertical vestibular stimulation and eye movements. Chubb MC, et al. **J Neurophysiol** 1984 Oct;52(4):724–42

Visual desynchronization of cortical EEG impaired by lesions of superior colliculus in rats. Dean P, et al. **J Neurophysiol** 1984 Oct;52(4):625–37

Simulation of synaptic depression, posttetanic potentiation, and presynaptic facilitation of synaptic potentials from sensory neurons mediating gill-withdrawal reflex in Aplysia. Gingrich KJ, et al. **J Neurophysiol** 1985 Mar;53(3):652–69

Linear integration of convergent visual inputs in an oculomotor reflex pathway. Glantz RM, et al. **J Neurophysiol** 1984 Dec;52(6):1213–25

Signals used to compute errors in monkey vestibuloocular reflex: possible role of flocculus. Lisberger SG, et al. **J Neurophysiol** 1984 Dec;52(6):1140–53

Three forms of the scratch reflex in the spinal turtle: movement analyses. Mortin LI, et al. **J Neurophysiol** 1985 Jun;53(6):1501–16

Cervicocollic reflex: its dynamic properties and interaction with vestibular reflexes. Peterson BW, et al. **J Neurophysiol** 1985 Jul;54(1):90–109

Three forms of the scratch reflex in the spinal turtle: central generation of motor patterns. Robertson GA, et al. **J Neurophysiol** 1985 Jun;53(6):1517–34

Relationship between heterosynaptic reflex facilitation and acquisition of the nictitating membrane response in control and scopolamine-injected rabbits. Harvey JA, et al. **J Neurosci** 1985 Mar;5(3):596–602

Modulation of reflex renal vasoconstriction by increased endogenous renal prostaglandin synthesis. Holdaas H, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):725–31

Benzodiazepine tolerance, physical dependence and withdrawal: electrophysiological study of spinal reflex function. Ryan GP, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):464–71

Fusimotor reflexes in triceps surae muscle elicited by extension of the contralateral hind limb in the cat. Appelberg B, et al. **J Physiol (Lond)** 1984 Oct;355:99–117

Properties of a sympatho-inhibitory and vasodilator reflex evoked by superior laryngeal nerve afferents in the cat. Bachoo M, et al. **J Physiol (Lond)** 1985 Jul;364:183–98

The sagittal vestibulocollic reflex and its interaction with neck proprioceptive afferents in the decerebrate cat. Dutia MB, et al. **J Physiol (Lond)** 1985 Feb;359:17–29

The reflex effects of changes in carotid sinus pressure upon renal function in dogs. Karim F, et al. **J Physiol (Lond)** 1984 Oct;355:557–66

Muscle but not cutaneous C-afferent input produces prolonged increases in the excitability of the flexion reflex in the rat. Wall PD, et al. **J Physiol (Lond)** 1984 Nov;356:443–58

Re: The importance of the cremasteric reflex in acute scrotal swelling in children [letter] Rabinowitz R. **J Urol** 1985 Mar;133(3):488

Sensitivity of rapidly acting arterial pressure control system in conscious adult rabbits at different ages. Hosomi H, et al. **Jpn J Physiol** 1984;34(5):793–801

Ear-eye reflexes while riding in a car. Clack TD, et al. **Laryngoscope** 1985 Feb;95(2):182–5

Enteropancreatic reflexes 2. The effect of jejunal distension. Salinas A, et al. **Mt Sinai J Med (NY)** 1985 May;52(5):331–5

The bedside evaluation of orthostatic hypotension. Brazer SR. **NC Med J** 1985 Apr;46(4):213–6

Corrective responses to perturbation applied during walking in humans. Belanger M, et al. **Neurosci Lett** 1984 Aug 31;49(3):291–5

Recovery cycle of the masseter inhibitory reflex in man. Cruccu G, et al. **Neurosci Lett** 1984 Aug 24;49(1–2):63–8

Long-latency responses in human thenar muscles mediated by fast conducting muscle and cutaneous afferents. Deuschl G, et al. **Neurosci Lett** 1985 Apr 19;55(3):361–6

Retrograde effects of axotomy on the intramedullary axon collateral systems and recurrent inhibitory reflexes of cat spinal motoneurones. Havton L, et al. **Neurosci Lett** 1984 Nov 23;52(1–2):13–7

Effects of baroreceptor activation on single unit activity of the anteroventral third ventricle region of the rat. Knuepfer MM, et al. **Neurosci Lett** 1985 May 14;56(2):79–85

Reflex changes in sympatho-adrenal medullary functions in response to various thermal cutaneous stimulations in anesthetized rats. Kurosawa M, et al. **Neurosci Lett** 1985 May 14;56(2):149–54

Reflex suppression and initiation of gastric contractions by electrical stimulation of the hepatic vagus nerve. Lee KC. **Neurosci Lett** 1985 Jan 7;53(1):57–62

Superior vestibular nucleus neurones related to the excitatory vestibulo-ocular reflex of anterior canal origin and their ascending course in the cat. Hirai N, et al. **Neurosci Res** 1984 Feb;1(1):73–9

Floccular influence on excitatory relay neurones of vestibular reflexes of anterior semicircular canal origin in the cat. Hirai N, et al. **Neurosci Res** 1984 Oct;1(5):327–40

Collateralized projection of visual climbing fibers to the flocculus and nodulus of the rabbit. Takeda T, et al. **Neurosci Res** 1984 Dec;2(1–2):125–32

The postnatal physiological and neurochemical development of peripheral sensory C fibres. Fitzgerald M, et al. **Neuroscience** 1984 Nov;13(3):933–44

Evoked potentials and brain stem reflexes. Klug N, et al. **Neurosurg Rev** 1985;8(1):63–84 (146 ref.)

Relative prognostic value of best motor response and brain stem reflexes in patients with severe head injury. Born JD, et al. **Neurosurgery** 1985 May;16(5):595–601

Bilateral vestibular loss, oscillopsia, and the cervico-ocular reflex. Chambers BR, et al. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):403–7

An experimental psychophysiological approach to human bradycardiac reflexes. Furedy JJ. **Pavlov J Biol Sci** 1985 Apr–Jun;20(2):88–96

Time-dependent effect of sectioning carotid sinus nerves on the vagally mediated baroreflex. Kaizuka T, et al. **Pflugers Arch** 1985 Mar;403(3):258–61

Pelvic afferent reflex control of rectal motility and lumbar colonic efferent discharge mediated by the pontine sympatho-inhibitory region in guinea pigs. Takaki M, et al. **Pflugers Arch** 1985 Feb;403(2):164–9

Comparison of electromyographic activity in the lumbar paraspinal muscles of subjects with and without chronic low back pain. Miller DJ. **Phys Ther** 1985 Sep;65(9):1347–54

Sympathetic control of sexual reflexes: peripheral 6-hydroxydopamine administration facilitates the onset of penile reflexes in male rats. Howard SB, et al. **Physiol Behav** 1984 May;32(5):791–4

Activity of bulbar respiratory neurones during cough and other respiratory tract reflexes in cats. Jakuš J, et al. **Physiol Bohemoslov** 1985;34(2):127–36

The effect of low frequency peripheral stimulation on the tail-flick reflex and evoked cortical potentials in the rabbit. Kaluzhnyi LV, et al. **Physiol Bohemoslov** 1985;34(1):1–10

Effects of hypoxia on respiratory defence reflexes. Effects of thirty hours' oxygen deficiency on cough, the expiration reflex and sneezing in awake cats. Tatár M, et al. **Physiol Bohemoslov** 1985;34(1):41–8

Experimental dyskinesias of the jaw: central and oral induction of the periodontal-masseteric reflex in the rat. Sundén-Kuronen B. **Proc Finn Dent Soc** 1984;80 Suppl 9–11:1–40

Neonatal acoustically-elicited cardiac response: modulation by state and antecedent stimulation. Ver Hoeve JN, et al. **Psychophysiology** 1985 Mar;22(2):231–6

Reflex partitioning of inputs from stretch receptors of bronchi and thoracic trachea. Agostoni E, et al. **Respir Physiol** 1985 Jun;60(3):311–28

Ventilatory pressure loading at constant pulmonary FCO2 in Gallus domesticus. Ballam GO, et al. **Respir Physiol** 1984 Nov;58(2):197–206

Stimulus-response curves of the lung inflation cardio-depressor reflex. Cassidy SS. **Respir Physiol** 1984 Aug;57(2):259–68

Loss of peripheral chemoreflexes to hypoxia after carotid body removal in the rat. Chiocchio SR, et al. **Respir Physiol** 1984 Aug;57(2):235–46

Electrophysiological aspects of reflexogenic area in the chelonian, Geoclemmys reevesii. Ishii K, et al. **Respir Physiol** 1985 Jan;59(1):45–54

Stimulation of group III and IV muscle afferents reflexly decreases total pulmonary resistance in dogs. Rybicki KJ, et al. **Respir Physiol** 1985 Feb;59(2):185–95

Non-vagal reflex effects on medullary inspiratory neurons during inspiratory loading. Shannon R, et al. **Respir Physiol** 1985 May;60(2):193–204

Dynamic modification of the vestibulo-ocular reflex by the nodulus and uvula. Waespe W, et al. **Science** 1985 Apr 12;228(4696):199–202

The vertical vestibulo-ocular reflex and ocular resonance. Stott JR. **Vision Res** 1984;24(9):949–60

[Historical review of the development of knowledge on oculo-vestibular responses and methods of their evaluation] Krejčová H, et al. **Cesk Neurol Neurochir** 1985 May;48(3):145–9 (58 ref.) (Cze)

[Reflex circuits of the spinal cord in man. Control during movement and their functional role (1)] Pierrot-Deseilligny E, et al. **Rev Neurol (Paris)** 1984;140(11):605–14 (Eng. Abstr.) (Fre)

[Reflex circuits of the spinal cord in man. Control during movement and functional role (2)] Pierrot-Deseilligny E, et al. **Rev Neurol (Paris)** 1984;140(12):681–94 (171 ref.) (Fre)

[Arteriosclerotic changes in the carotid arteries in patients with hypersensitive carotid sinus reflex] Grötz J, et al. **Klin Wochenschr** 1985 Jan 2;63(1):20–5 (Eng. Abstr.) (Ger)

[Physiologic principles of equilibrium] Precht W. **Ther Umsch** 1984 Oct;41(10):684–8 (Eng. Abstr.) (Ger)

[Study of bulbocavernosus reflex using electrostimulation electromyography] Komeda Y, et al. **Hinyokika Kiyo** 1984 Sep;30(9):1207–11 (Eng. Abstr.) (Jpn)

[Basic studies on the photically evoked lid potential changes in rabbit, with special reference to orbicularis oculi reflex] Hoshina Y. **No To Shinkei** 1984 Dec;36(12):1181–8 (Eng. Abstr.) (Jpn)

[Diagnostic value of selected reflex tests in the diagnosis of sinoatrial node insufficiency] Szponar M, et al. **Kardiol Pol** 1984;27(6):475–83 (Eng. Abstr.) (Pol)

[Activity of the afferent links in the reflex compensatory mechanisms of hemodynamic disorders in acute blood loss and hyperbaric oxygenation] Tumanovskiĭ IuM, et al. **Anesteziol Reanimatol** 1985 Mar–Apr;(2):39–42 (Eng. Abstr.) (Rus)

[Role of the hypothalamus in the reflex regulation of cardiac activity] Samonina GE, et al. **Biol Nauki** 1985;(3):56–60 (23 ref.) (Eng. Abstr.) (Rus)

[Background heart contraction frequency--the determining factor of baroreflex sensitivity: a comparative physiological analysis] Dugin SF, et al. **Dokl Akad Nauk SSSR** 1984;279(6):1511–4 (Rus)

[Mechanisms of divergent-convergent connections in the spinal cord] Bulygin IA, et al. **Fiziol Zh SSSR** 1984 Aug;70(8):1189–201 (Eng. Abstr.) (Rus)

[Comparative study of baroreceptor reflexes in cats and rats] Eremeev VS, et al. **Fiziol Zh SSSR** 1984 Dec;70(12):1673–7 (Eng. Abstr.) (Rus)

[Relation between intracardiac reflex effects on the rate of atrioventricular conduction and parameters of neural pathway stimulation] Kopylova GN, et al.

Fiziol Zh SSSR 1984 Nov;70(11):1512-7 (Eng. Abstr.) **(Rus)**

[Analysis of the factors affecting cardiac output in exclusion of the sino-carotid reflexogenic area] Osadchiĭ LI, et al. **Fiziol Zh SSSR** 1985 Apr;71(4):500-5 (Eng. Abstr.) **(Rus)**

[Vascular component of the reflex reaction to an increase in the amplitude of pulsatile perfusion pressure] Osadchiĭ LI, et al. **Fiziol Zh SSSR** 1983 Jul;69(7):955-7 **(Rus)**

[Characteristics of baroreceptor reflexes as affected by negative and positive emotions] Pliss MG, et al. **Fiziol Zh SSSR** 1985 May;71(5):587-92 (Eng. Abstr.) **(Rus)**

[Depolarization of primary afferents during real scratching in the cat] Baev KV, et al. **Neirofiziologiia** 1985;17(1):121-4 (Eng. Abstr.) **(Rus)**

[Activity of fusimotor neurons during reflex muscle contraction] Bucho I, et al. **Neirofiziologiia** 1984; 16(5):630-7 (Eng. Abstr.) **(Rus)**

[Modulation of reflex discharges in the respiratory nerves of the cat upon stimulation of superior laryngeal afferents] D'iachenko IuE, et al. **Neirofiziologiia** 1984;16(4):553-7 (Eng. Abstr.) **(Rus)**

[Comparative analysis of possible ways of activating depolarizing neurons in the system of flexor reflex afferents] Maksimenko LA. **Neirofiziologiia** 1985;17(1):85-92 (Eng. Abstr.) **(Rus)**

[Role of reflex from the vertebral artery on the blood supply of the internal ear] Aleksandrov IuG, et al. **Vestn Otorinolaringol** 1985 Jan-Feb;(1):35-7 (Eng. Abstr.) **(Rus)**

[Role of the caudate nucleus head in delayed spatial preference and differentiation of trace reflexes in Macaca mulatta] Firsov LA, et al. **Zh Evol Biokhim Fiziol** 1985 May-Jun;21(3):290-3 (Eng. Abstr.) **(Rus)**

[Effect of immersion in water on the rudimentary reflexes of infants in the 1st months of life] Praznikov VP. **Zh Evol Biokhim Fiziol** 1984 Jul-Aug;20(4):434-7 (Eng. Abstr.) **(Rus)**

[Participation of the amygdaloid complex in modulating electrocutaneous responses during extinction of the orientation reaction in the cat] Gilinskiĭ MA. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):578-80 **(Rus)**

[Effect of genotype and environment on individual features of the orientation reaction in man] Kochubeĭ BI. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):428-34 (Eng. Abstr.) **(Rus)**

[Protective reflexes of the respiratory system in conscious cats during the acute phase of oxygen deficiency] Tatár M, et al. **Bratisl Lek Listy** 1985 Aug;84(2):157-64 (Eng. Abstr.) **(Slo)**

RADIATION EFFECTS

[Duration of conscious reactions in persons exposed to an electric field of 50 Hz frequency] Szuba M, et al. **Med Pr** 1985;36(1):21-6 (Eng. Abstr.) **(Pol)**

REFLEX, ABDOMINAL see under **REFLEX**

REFLEX, ABNORMAL

The significance of Babinski signs in children with head trauma. Parish RA, et al. **Ann Emerg Med** 1985 Apr; 14(4):329-30

Duane's syndrome associated with crocodile tear and ear malformation. A case of stapes anomaly and its reconstruction. Tachibana M, et al. **Arch Otolaryngol** 1984 Nov;110(11):761-2

Latency of late responses in lesions of lumbosacral nerve roots. Yeo PT. **Clin Exp Neurol** 1984;20:81-3

Joseph Babinski: the phenomenon of the toes. Sternbach G. **J Emerg Med** 1984;1(3):263-6

The upgoing great toe. Sahu D. **J Indian Med Assoc** 1984 Jun;82(6):201-4

Blink reflex in patients with hemispheric cerebrovascular accident (CVA). Blink reflex in CVA. Kimura J, et al. **J Neurol Sci** 1985 Jan;67(1):15-28

Possibilities and limitations of the H-reflex test in the diagnosis of diseases of the nervous system. Novikova VP. **Neurosci Behav Physiol** 1985 Mar-Apr;15(2):167-72

Variations in the Hoffmann reflex recovery curve related to clinical manifestations of schizoaffective disorder. Goode DJ, et al. **Psychiatry Res** 1985 May;15(1):63-70

[Combination big-toe stretch reflex for the detection of latent pyramidal signs] Richwien R. **Fortschr Neurol Psychiatr** 1985 Jul;53(7):271-2 (Eng. Abstr.) **(Ger)**

[Latency, duration and persistence of Fersen reflex in infants] Futagi Y, et al. **No To Hattatsu** 1985 May;17(3):198-202 (Eng. Abstr.) **(Jpn)**

[Reflex spinal myoclonus. Report of a case and its physiological mechanism] Neshige R, et al. **Rinsho Shinkeigaku** 1985 Apr;25(4):408-11 (Eng. Abstr.) **(Jpn)**

[The orbicularis oris reflex and the orbicularis oculi reflex] Shimpo T. **Rinsho Shinkeigaku** 1985 Mar;25(3):271-81 (Eng. Abstr.) **(Jpn)**

[Diagnostic significance of the spinal-brain stem polysynaptic reflex and the period of inhibition] Ivanichev GA. **Zh Nevropatol Psikhiatr** 1985;85(5):692-5 (Eng. Abstr.) **(Rus)**

[Experience in studying flexor pyramidal signs in premature infants] Lesnyĭ I, et al. **Zh Nevropatol Psikhiatr** 1984; 84(10):1474-5 (Eng. Abstr.) **(Rus)**

[Tibiopedal reflex] Likhterman LB. **Zh Nevropatol Psikhiatr** 1985;85(7):1059-61 (Eng. Abstr.) **(Rus)**

[Hung-up reflexes in Huntington disease. Study of a minor sign] Obeso JA, et al. **Arch Neurobiol (Madr)** 1984 May-Jun;47(3):151-6 (Eng. Abstr.) **(Spa)**

CHEMICALLY INDUCED

Autonomic dysreflexia due to medication: misadventure in the use of an isometheptene combination to treat migraine. Wineinger MA, et al. **Arch Phys Med Rehabil** 1985 Sep; 66(9):645-6

Unusual side effects of clomipramine associated with yawning [letter] Harrison W, et al. **Can J Psychiatry** 1984 Oct; 29(6):546

An increase in metabolic acidosis induced by chloralose anaesthesia in dogs after sino-vagal denervation. Shukla R, et al. **J Vet Pharmacol Ther** 1985 Mar;8(1):71-5

Reflex modification as an objective test for sensory processing following toxicant exposure. Ison JR. **Neurobehav Toxicol Teratol** 1984 Nov-Dec;6(6):437-45

Electrophysiological investigation of beta, beta'-iminodipropionitrile neurotoxicity: monosynaptic reflexes and recurrent inhibition. Gold BG, et al. **Neurotoxicology (Park Forest Il)** 1984 Summer;5(2):1-14

[Neurological and EEG changes in acute amitriptyline poisoning] Erokhina LG, et al. **Sov Med** 1985;(4):28-33 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Transient grasp reflexes in schizophrenia. Lohr JB. **Biol Psychiatry** 1985 Feb;20(2):172-5

The Miller-Fisher syndrome--a case report. Neill P, et al. **Cent Afr J Med** 1984 Nov;30(11):214-5

The bulbocavernosus reflex in diabetic impotence. Devathasan G, et al. **Singapore Med J** 1984 Jun;25(3):181-3

DIAGNOSIS

'Double crush' mechanism impairing a nerve revealed by studies of the motor axon reflex and M wave terminal phase. A case report. Serra G, et al. **Acta Neurol (Napoli)** 1984 Aug;6(4):300-3

The value of somatosensory-evoked potentials and bulbocavernosus reflex in patients with impotence. Ertekin C, et al. **Acta Neurol Scand** 1985 Jan;71(1):48-53

Application of an ATNR rating scale to normal preschool children. Zemke R. **Am J Occup Ther** 1985 Mar; 39(3):178-80

Neurological findings in Miller-Fisher syndrome [letter] Al-Din AN. **J Neurol Neurosurg Psychiatry** 1985 Jan; 48(1):93

The arm-mouth reflex in a patient with amyotrophic lateral sclerosis [letter] Kuroda Y, et al. **J Neurol Neurosurg Psychiatry** 1985 Apr;48(4):385-6

The flexor carpi radialis H-reflex in lesions of the sixth and seventh cervical nerve roots. Schimsheimer RJ, et al. **J Neurol Neurosurg Psychiatry** 1985 May;48(5):445-9

[The Miller Fisher syndrome: ophthalmoplegia, ataxia and areflexia] Wulff CH, et al. **Ugeskr Laeger** 1985 Feb 4; 147(6):515-7 (Eng. Abstr.) **(Dan)**

[Our experience in the diagnosis and pharmacologic treatment of instable bladder] Merlo F. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4):369-74 (Eng. Abstr.) **(Ita)**

[Evaluation of peripheral nervous system function in diabetes mellitus by studying the Hoffmann reflex] Drozdowski W. **Pol Tyg Lek** 1984 Aug 20;39(34):1129-32 (Eng. Abstr.) **(Pol)**

[Vertebrogenic reflex syndromes of the chest and related cardiac pain syndromes] Gordon IB. **Revmatologiia (Moskva)** 1984 Jul-Sep;(3):55-9 **(Rus)**

[Significance of hypo- and areflexia of the cornea in the early diagnosis of disseminated sclerosis] Iarosh AA, et al. **Vrach Delo** 1985 Jun;(6):73-5 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Epidural meperidine for control of autonomic hyperreflexia in a paraplegic parturient. Baraka A. **Anesthesiology** 1985 May;62(5):688-90

ETIOLOGY

Management of autonomic hyperreflexia associated with a low thoracic spinal cord lesion. Gimovsky ML, et al. **Am J Obstet Gynecol** 1985 Sep 15;153(2):223-4

Autonomic hyperreflexia: a mortal danger for spinal cord-damaged women in labor. McGregor JA, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):330-3

Eye movements in patients with absent voluntary horizontal gaze. Baloh RW, et al. **Ann Neurol** 1985 Mar;17(3):283-6

Restoration of normal reflex responses to orthostatic stress during felodipine therapy in congestive heart failure. Timmis AD, et al. **Cardiovasc Res** 1984 Oct;18(10):613-9

Effects of a commercial soy lecithin preparation on development of sensorimotor behavior and brain biochemistry in the rat. Bell JM, et al. **Dev Psychobiol** 1985 Jan;18(1):59-66

Autonomic dysreflexia (hyperreflexia). Comarr AE. **J Am Paraplegia Soc** 1984 Jul;7(3):53-7

Cervical nystagmus due to loss of cerebellar inhibition on the cervico-ocular reflex: a case report. Bronstein AM, et al. **J Neurol Neurosurg Psychiatry** 1985 Feb;48(2):128-31

Nervous reactivity changes in patients with epileptogenic cerebral tumours (II). Rogozea R, et al. **Neurol Psychiatr (Bucur)** 1985 Jan-Mar;23(1):23-33

Gunshot wound to the pons with functional neuroanatomical and electrophysiological correlation. Clark JB, et al. **Neurosurgery** 1985 May;16(5):607-11

FAMILIAL & GENETIC

Startle disease, or hyperekplexia [letter] Andermann F, et al. **Ann Neurol** 1984 Sep;16(3):367-8

Evidence that Charcot-Marie-tooth disease with tremor coincides with the Roussy-Levy syndrome. Barbieri F, et al. **Can J Neurol Sci** 1984 Nov;11(4 Suppl):534-40

METABOLISM

Vasoactive intestinal polypeptide in the hyper-reflexic neuropathic bladder. Kinder RB, et al. **Br J Urol** 1985 Jun; 57(3):289-91

OCCURRENCE

Comparison of the incidence of bladder hyperreflexia in patients with benign prostatic hypertrophy and age-matched female controls. Jones KW, et al. **J Urol** 1985 Mar;133(3):425-6

PHYSIOPATHOLOGY

Reflex epilepsy evoked by specific psychic activity. A case report. Kalina P, et al. **Acta Neurol Belg** 1984 Aug-Oct; 84(4):204-8

Eye-movement abnormalities in ophthalmoplegia, ataxia, and areflexia (Fisher's syndrome). Zasorin NL, et al. **Arch Ophthalmol** 1985 Jan;103(1):55-8

Interlimb coordination of posture in patients with spastic paresis. Impaired function of spinal reflexes. Dietz V, et al. **Brain** 1984 Sep;107 (Pt 3):965-78

Baroreflex sensitivity measured by the phenylephrine pressor test in patients with carotid sinus and sick sinus syndromes. Morley CA, et al. **Cardiovasc Res** 1984 Dec;18(12):752-61

Is Metenkephalin responsible for the baroreflex dysfunction of chronic uraemics? Zoccali C, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1977-80

Reflex inhibition of the quadriceps after meniscectomy: lack of association with pain. Shakespeare DT, et al. **Clin Physiol** 1985 Apr;5(2):137-44

Impaired baroreflex sensitivity in the aetiology of salt hypertension in the rabbit. Weinstock M, et al. **Clin Sci** 1985 May;68(5):489-93

Disturbances of bladder and urethral function in Parkinson's disease. Andersen JT. **Int Urol Nephrol** 1985;17(1):35-41

Exteroceptive reflexes abnormalities in stiff-man syndrome [letter] Martinelli P, et al. **J Neurol Neurosurg Psychiatry** 1985 Jan;48(1):92-3

Detrusor areflexia in suprasacral spinal cord injuries. Light JK, et al. **J Urol** 1985 Aug;134(2):295-7

Detrusor activity at rest in patients with idiopathic detrusor hyperreflexia. Nørgaard JP, et al. **Urol Res** 1984; 12(4):209-11

[The extremity-neck phenomenon, reverse and paradoxic deep neck reflex] Lesný I, et al. **Cesk Neurol Neurochir** 1985 Mar;48(2):110-2 (Eng. Abstr.) **(Cze)**

[Bezold-Jarish reflex, a reflection of coronary patency? (letter)] Garrigues B, et al. **Presse Med** 1985 May 4; 14(18):1036-7 **(Fre)**

[The Marcus Gunn phenomenon] Raverdy P, et al. **Rev Neurol (Paris)** 1984;140(12):734-7 (Eng. Abstr.) **(Fre)**

[Electrophysiologic findings in a case of Fisher syndrome] D'Ecclesia G, et al. **Riv Neurol** 1984 Jul-Aug;54(4):265-73 (Eng. Abstr.) **(Ita)**

[Absence of anal reflex in patients with central nervous system diseases] Hattori T, et al. **No To Shinkei** 1984 Sep; 36(9):925-8 (Eng. Abstr.) **(Jpn)**

[A sporadic case of startle disease] Ninomiya H, et al. **Rinsho Shinkeigaku** 1984 Aug;24(8):778-81 (Eng. Abstr.) **(Jpn)**

[Disorders of baroreflex regulation of the heart rate in conscious rabbits in chronic stenosis of the ascending aorta] Dugin SF, et al. **Kardiologiia** 1984 Jul;24(7):102-4 **(Rus)**

THERAPY

Reducing occurrences of an asymmetrical tonic neck reflex. Lee JM, et al. **Am J Ment Defic** 1985 May;89(6):617-21

REFLEX, ACOUSTIC

Influence of stimulus duration and intensity on acoustic reflex parameters. Rossi G, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr;99(3-4):348-52

Ipsilateral acoustic reflexes in infants. McMillan PM, et al. **Ann Otol Rhinol Laryngol** 1985 Mar-Apr;94(2 Pt 1):145-8

The relationship between acoustic reflex threshold and air-bone gap. Lutman ME. **Br J Audiol** 1984 Nov; 18(4):223-9

A computer-based test system for implementing pure-tone audiometry, acoustic immittance and tympanic membrane displacement measurements. Marchbanks RJ, et al. **Br J Audiol** 1985 Feb;19(1):19-28

Adaptation of the acoustic reflex. Fowler CG, et al.

Ear Hear 1984 Sep–Oct;5(5):281–8 (44 ref.)

Acoustic reflex temporal summation measured at threshold. Korabic EW, et al. **Ear Hear** 1984 Nov–Dec;5(6):331–9

Acoustic reflex averaging. Stach BA, et al. **Ear Hear** 1984 Sep–Oct;5(5):289–96

Intra-aural reflexes elicited by a cochlear prosthesis in monkeys. Burnett PA, et al. **Hear Res** 1984 Nov; 16(2):175–80

Effects of frequency modulation on absolute, masked and reflex thresholds. Resnick SB, et al. **J Acoust Soc Am** 1985 Sep;78(3):924–30

Estimation of auditory sensitivity from the acoustic reflex with mentally deficient children. Givens GD, et al. **J Aud Res** 1983 Apr;23(2):109–17

Acoustic-reflex dynamics and the loudness-discomfort level. Greenfield DG, et al. **J Speech Hear Disord** 1985 Feb; 50(1):14–20

An alternate method for determining functional gain of hearing aids. Rines D, et al. **J Speech Hear Res** 1984 Dec; 27(4):627–33

Earphone-coupling technique for measuring the temporal characteristics of aural acoustic-immittance devices. Shanks JE, et al. **J Speech Hear Res** 1985 Jun;28(2):305–8

Tympanometric and acoustic-reflex studies in neonates. Sprague BH, et al. **J Speech Hear Res** 1985 Jun; 28(2):265–72

Acoustic-reflex adaptation: morphology and half-life data for subjects with normal hearing. Wilson RH, et al. **J Speech Hear Res** 1984 Dec;27(4):586–95

Ear-eye reflexes while riding in a car. Clack TD, et al. **Laryngoscope** 1985 Feb;95(2):182–5

Acoustic reflex abnormalities in behaviorally disturbed and language delayed children. Thomas WG, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):811–7

Bilateral vestibular loss, oscillopsia, and the cervico-ocular reflex. Chambers BR, et al. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):403–7

Effects of spectrum, background noise, and stimulation rate on the auditory startle reflex in hyperbilirubinemic rats. Lenhardt ML. **Otolaryngol Head Neck Surg** 1985 Feb; 93(1):30–4

A clinical comparison between a laboratory and a commercial impedance audiometer. Karlsson K, et al. **Scand Audiol** 1984;13(3):199–203

Phasor admittance measurements of the middle ear. II. Normal phasor tympanograms and acoustic reflexes. Lutman ME, et al. **Scand Audiol** 1984;13(4):265–74

[Conduction deafness and collapse of the auditory meatus. Value and limitations of the stapedial reflex in conduction deafness] Legent F, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(7):549–52 (Eng. Abstr.) **(Fre)**

[Auditory-evoked brainstem potentials and stapedius muscle reflex: intersubject variability] Robier A, et al. **Audiology** 1984;23(5):490–7 (Eng. Abstr.) **(Fre)**

[Diagnostic value of stapedius reflex fatigue] Negrevergne M, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(3):303–6 (Eng. Abstr.) **(Fre)**

[Otoneurologic findings in multiple sclerosis. Stapedius reflex, vestibular evaluation, early acoustic evoked potentials] Oberascher G, et al. **HNO** 1985 Jan;33(1):23–5 (Eng. Abstr.) **(Ger)**

[Evaluation of stapedial reflex parameters in normal subjects] Sellari Franceschini S, et al. **Acta Otorhinolaryngol Ital** 1985 Jan–Feb;5(1):47–57 (Eng. Abstr.) **(Ita)**

[Acoustic reflex in workers using hand-held vibration tools. Combined effects of noise and local vibration] Miyakita T, et al. **Sangyo Igaku** 1984 Mar;26(2):116–24 (Eng. Abstr.) **(Jpn)**

[Recording of ipsilateral and contralateral acoustic reflexes in acoustic neuroma] Sagalovich BM, et al. **Vestn Otorinolaringol** 1985 Mar–Apr;(2):12–7 (Eng. Abstr.) **(Rus)**

REFLEX, BLINK see **BLINKING**

REFLEX, CONDITIONED see **CONDITIONING, CLASSICAL**

REFLEX, CORNEAL see **BLINKING**

REFLEX, MONOSYNAPTIC

Relation between changes in the preparatory brain potential and excitability of the H-reflex, and localization of a focal ischaemic brain lesion. Jergelová M, et al. **Act Nerv Super (Praha)** 1985 Mar;27(1):15–9

Changes with age in monosynaptic reflexes elicited by mechanical and electrical stimulation. deVries HA, et al. **Am J Phys Med** 1985 Apr;64(2):71–81

H-reflex changes following spinal cord injury. Little JW, et al. **Arch Phys Med Rehabil** 1985 Jan;66(1):19–22

Alterations in H reflex magnitude by variations in baseline EMG excitability. Verrier MC. **Electroencephalogr Clin Neurophysiol** 1985 Jun;60(6):492–9

Reciprocal Ia inhibition from the peroneal nerve to soleus motoneurones with special reference to the size of the test reflex. Crone C, et al. **Exp Brain Res** 1985;59(2):418–22

Excitability of reciprocal and recurrent inhibitory pathways after voluntary muscle relaxation in man. Schieppati M, et al. **Exp Brain Res** 1985;59(2):249–56

Acoustic facilitation of the Hoffmann reflex. Rudell AP, et al. **Exp Neurol** 1985 Sep;89(3):592–602

Computer feedback reveals quantal aspects of the Hoffmann reflex. Rudell AP, et al. **Exp Neurol** 1985 Jan;87(1):76–85

Relationships between hand skill and the excitability of motoneurons innervating the postural soleus muscle in human subjects. Tan U. **Int J Neurosci** 1985 May; 26(3–4):289–300

Lateral asymmetry of H-reflex recovery curves in cat: evidence for a spinal motor asymmetry. Tan U. **Int J Neurosci** 1984 Aug;24(1):45–52

Academic achievement and the paired Hoffman reflex in students practicing meditation. Wallace RK, et al. **Int J Neurosci** 1984 Nov;24(3–4):261–6

Central and peripheral causes of hyperreflexia in humans breathing 5% trimix at 650 m. Parmentier JL, et al. **J Appl Physiol** 1985 Apr;58(4):1239–45

Electroneurographic correlates of the monosynaptic reflex: experimental studies and normative data. Abbruzzese M, et al. **J Neurol Neurosurg Psychiatry** 1985 May;48(5):434–44

The flexor carpi radialis H-reflex in lesions of the sixth and seventh cervical nerve roots. Schimsheimer RJ, et al. **J Neurol Neurosurg Psychiatry** 1985 May;48(5):445–9

Monosynaptic and oligosynaptic contributions to human ankle jerk and H-reflex. Burke D, et al. **J Neurophysiol** 1984 Sep;52(3):435–48

Structural and topographical influences on functional connectivity in spinal monosynaptic reflex arcs in the cat. Clamann HP, et al. **J Physiol (Lond)** 1985 Jan;358:483–507

Possibilities and limitations of the H-reflex test in the diagnosis of diseases of the nervous system. Novikova VP. **Neurosci Behav Physiol** 1985 Mar–Apr;15(2):167–72

Reciprocal inhibition upon initiation of voluntary movement. Kagamihara Y, et al. **Neurosci Lett** 1985 Mar 22;55(1):23–7

Orientation-induced artifacts in the measurement of monosynaptic reflexes. Myklebust BM, et al. **Neurosci Lett** 1984 Jul 27;48(2):223–30

Hoffmann reflex variations produced by task demand characteristics. Grillon C, et al. **Physiol Behav** 1985 Feb; 34(2):213–6

Variations in the Hoffmann reflex recovery curve related to clinical manifestations of schizoaffective disorder. Goode DJ, et al. **Psychiatry Res** 1985 May;15(1):63–70

Spinal reflexes in microgravity: measuring H reflexes during space flight [letter] Rüegg DG. **Science** 1985 Sep 27; 229(4720):1409

[Cervical and lumbar vestibulo-spinal effects in relation to caloric stimulation of the labyrinth in man] Rossi A, et al. **Acta Otorhinolaryngol Ital** 1984 Sep–Oct;4(5):527–36 (Eng. Abstr.) **(Ita)**

[Usefulness of studying the H-reflex and F-wave in the diagnosis of lesions of the central nervous system] Bojakowski J. **Neurol Neurochir Pol** 1984 Sep–Oct; 18(5):465–71 (30 ref.) **(Pol)**

[Evaluation of peripheral nervous system function in diabetes mellitus by studying the Hoffmann reflex] Drozdowski W. **Pol Tyg Lek** 1984 Aug 20;39(34):1129–32 (Eng. Abstr.) **(Pol)**

[Functional status of the segmental apparatus of the human spinal cord during exposure to tiresome static loads of varying strength] Moĭkin IuV, et al. **Gig Tr Prof Zabol** 1984 Nov;(11):12–5 (Eng. Abstr.) **(Rus)**

[Studies of efferent conductivity along the spinal cord after traumatic injury] Livshits AV, et al. **Zh Vopr Neirokhir** 1984 Jul–Aug;(4):19–22 (Eng. Abstr.) **(Rus)**

[Regulatory mechanisms of spinal cord monosynaptic reflexes and posture] Podivinský F, et al. **Bratisl Lek Listy** 1985 Apr;83(4):373–82 (Eng. Abstr.) **(Slo)**

DRUG EFFECTS

Effect of Althesine on spinal cord activities. Geber J, et al. **Acta Med Iugosl** 1985;39(1):29–32

Facilitation of GABA-ergic transmission by ethosuximide. Geber J, et al. **Acta Med Iugosl** 1984;38(5):351–4

The differential effects of baclofen on segmental and descending excitation of spinal interneurones in the cat. Curtis DR, et al. **Exp Brain Res** 1985;58(2):333–7

RADIATION EFFECTS

The H-reflex of the flexor carpi radialis muscle; a study in controls and radiation-induced brachial plexus lesions. Ongerboer de Visser BW, et al. **J Neurol Neurosurg Psychiatry** 1984 Oct;47(10):1098–101

REFLEX, OCULOCARDIAC see under **REFLEX**

REFLEX, ORBICULARIS OCULI see **BLINKING**

REFLEX, PSYCHOGALVANIC see **GALVANIC SKIN RESPONSE**

REFLEX, PUPILLARY

Relative afferent pupillary defect in congenital occipital hemianopia. Tychsen L, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):345–6

Pupillary dynamics in patients with Meniere's disease. Uemura T, et al. **Am J Otolaryngol** 1985 May–Jun; 6(3):223–5

Spasm of the near reflex. Nirankari VS, et al. **Ann Ophthalmol** 1980 Sep;12(9):1050–1

Systems model for pupil size effect. II. Feedback model. Krenz WC, et al. **Biol Cybern** 1985;51(6):391–7

Luminance detectors in the olivary pretectal nucleus and their relationship to the pupillary light reflex in the rat. II. Studies using sinusoidal light. Clarke RJ, et al. **Exp Brain Res** 1985;59(1):83–90

Luminance and darkness detectors in the olivary and posterior pretectal nuclei and their relationship to the pupillary light reflex in the rat. I. Studies with steady luminance levels. Clarke RJ, et al. **Exp Brain Res** 1985; 57(2):224–32

Physiological identification of midbrain neurons related to lens accommodation in cats. Bando T, et al. **J Neurophysiol** 1984 Nov;52(5):870–8

Absence of the near reflex in a healthy adolescent. Chrousos GA, et al. **J Pediatr Ophthalmol Strabismus** 1985 Mar–Apr; 22(2):76–7

Isolated pupil-sparing third nerve palsy. Trobe JD. **Ophthalmology** 1985 Jan;92(1):58–61

[Pseudophakia and the pupil] Doden W. **Klin Monatsbl Augenheilkd** 1984 Sep;185(3):155–7 (Eng. Abstr.) **(Ger)**

[Effect of light on human regulation. Results of seasonal variations in pupil size] Klinker L, et al. **Z Gesamte Hyg** 1985 Feb;31(2):88–90 (Eng. Abstr.) **(Ger)**

DRUG EFFECTS

Morphine-induced mydriasis and inhibition of pupillary light reflex and fluctuations in the cat. Pickworth WB, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):603–6

REFLEX, STRETCH

Long-latency stretch reflex induced by tendon jerk in human triceps brachii muscle. Tarkka IM. **Acta Physiol Pol** 1984 Mar–Apr;35(2):151–7

Behavior of the stretch reflex in a multi-jointed limb. Lacquaniti F, et al. **Brain Res** 1984 Oct 8;311(1):161–6

Adaptive plasticity in the spinal stretch reflex: an accessible substrate of memory? Wolpaw JR. **Cell Mol Neurobiol** 1985 Jun;5(1–2):147–65

Maturation of cutaneous reflex responses recorded in the lower limb in man. Rowlandson PH, et al. **Dev Med Child Neurol** 1985 Aug;27(4):425–33

Cutaneous reflex responses recorded in children with various neurological disorders. Rowlandson PH, et al. **Dev Med Child Neurol** 1985 Aug;27(4):434–47

Inhibitory effect of acupuncture on the vibration-induced finger flexion reflex in man. Homma S, et al. **Electroencephalogr Clin Neurophysiol** 1985 Aug;61(2):150–6

Autogenetic reflex action in tibialis anterior compared with that in soleus muscle in the decerebrate cat. Nichols TR. **Exp Brain Res** 1985;59(2):232–41

Distribution of the human jaw stretch reflex response elicited by percutaneous, localized stretch of jaw-closing muscles. Smith A, et al. **Exp Neurol** 1985 Jun;88(3):544–61

Central and peripheral causes of hyperreflexia in humans breathing 5% trimix at 650 m. Parmentier JL, et al. **J Appl Physiol** 1985 Apr;58(4):1239–45

Ultrastructural changes of the sensory nerve terminals in frog muscle spindle during dynamic stretch. Kim N, et al. **J Neurocytol** 1985 Feb;14(1):105–12

Tension development and muscle activation in the leg during gait in spastic hemiparesis: independence of muscle hypertonia and exaggerated stretch reflexes. Berger W, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):1029–33

The effects of reflex path length on clonus frequency in spastic muscles. Iansek R. **J Neurol Neurosurg Psychiatry** 1984 Oct;47(10):1122–4

Recruitment order of motoneurons in stretch reflexes is highly correlated with their axonal conduction velocity. Bawa P, et al. **J Neurophysiol** 1984 Sep;52(3):410–20

Monosynaptic and oligosynaptic contributions to human ankle jerk and H-reflex. Burke D, et al. **J Neurophysiol** 1984 Sep;52(3):435–48

Voluntary and reflexive recruitment of flexor carpi radialis motor units in humans. Calancie B, et al. **J Neurophysiol** 1985 May;53(5):1194–200

Firing patterns of human flexor carpi radialis motor units during the stretch reflex. Calancie B, et al. **J Neurophysiol** 1985 May;53(5):1179–93

Reflex control of dynamic muscle stiffness in a slow crustacean muscle. Chapple WD. **J Neurophysiol** 1985 Aug; 54(2):403–17

Long-latency spinal reflexes in humans. Darton K, et al. **J Neurophysiol** 1985 Jun;53(6):1604–18

Nonlinear viscosity of human wrist. Gielen CC, et al. **J Neurophysiol** 1984 Sep;52(3):553–69

Adaptive plasticity in the primate spinal stretch reflex: evidence for a two-phase process. Wolpaw JR, et al. **J Neurosci** 1984 Nov;4(11):2718–24

Effects of prior instruction and anaesthesia on long-latency responses to stretch in the long flexor of the human thumb. Loo CK, et al. **J Physiol (Lond)** 1985 Aug;365:285–96

Observations on the time course of the electromyographic response reflexly elicited by muscle vibration in man. Matthews PB. **J Physiol (Lond)** 1984 Aug;353:447–61

Mechanical impulse system for myotatic reflex investigation. Vermariën H, et al. **Med Biol Eng Comput** 1984 Sep; 22(5):458–60

Dynamic and static stretch responses in muscle spindle receptors in fatigued muscle. Nelson DL, et al.

Med Sci Sports Exerc 1985 Aug;17(4):445-50

Stretch reflex blepharospasm. Obeso JA, et al. **Neurology** 1985 Sep;35(9):1378-80

Can fusimotor activity potentiate the responses of muscle spindles to a tendon tap? Morgan DL, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):209-15

Orientation-induced artifacts in the measurement of monosynaptic reflexes. Myklebust BM, et al. **Neurosci Lett** 1984 Jul 27;48(2):223-30

Reduced day-to-day variation accompanies adaptive plasticity in the primate spinal stretch reflex. Wolpaw JR, et al. **Neurosci Lett** 1985 Mar 15;54(2-3):165-71

Effects of an inverted position on blood pressure, pulse rate, and deep tendon reflexes of healthy young adults. Rheault W, et al. **Phys Ther** 1985 Sep;65(9):1358-62

The postnatal functional development of muscle stretch receptors in the rat. Vejsada R, et al. **Somatosens Res** 1985; 2(3):205-22

[Combination big-toe stretch reflex for the detection of latent pyramidal signs] Richwien R. **Fortschr Neurol Psychiatr** 1985 Jul;53(7):271-2 (Eng. Abstr.) **(Ger)**

[Hung-up reflexes in Huntington disease. Study of a minor sign] Obeso JA, et al. **Arch Neurobiol (Madr)** 1984 May-Jun;47(3):151-6 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Effect of clorazepate in spasticity and rigidity: a quantitative study of reflexes and plasma concentrations. Lossius R, et al. **Acta Neurol Scand** 1985 Mar;71(3):190-4

The effects of benzodiazepines on spinal homosynaptic depression. Davies MF, et al. **Neuropharmacology** 1985 Apr;24(4):301-7

REFLEX SYMPATHETIC DYSTROPHY

see related
SHOULDER-HAND SYNDROME
SUDECK'S ATROPHY

CHEMICALLY INDUCED

Reflex sympathetic dystrophy syndrome and barbiturates. A study of 25 cases treated with barbiturates compared with 124 cases treated without barbiturates. Horton P, et al. **Clin Rheumatol** 1984 Dec;3(4):493-9

COMPLICATIONS

Lumbosacral radiculopathy, reflex sympathetic dystrophy and tarsal tunnel syndrome: an unusual presentation. Chodoroff B, et al. **Arch Phys Med Rehabil** 1985 Mar; 66(3):185-7

Reflex sympathetic dystrophy associated with malignancy [letter] Goldberg E, et al. **Arthritis Rheum** 1985 Sep; 28(9):1079-80

Decalcifying algodystrophy of the hip in pregnancy. A case report. Armentano G, et al. **Clin Exp Obstet Gynecol** 1984; 11(4):152-5

Type IV hyperlipoproteinemia in patients with algodystrophy. Guenee B, et al. **Clin Exp Rheumatol** 1985 Jan-Mar;3(1):49-52

Reflex sympathetic dystrophy and early damage of carpal bones. Catoggio LJ, et al. **Rheumatol Int** 1985;5(3):141-4

[Clinical aspects of osteoarticular pathology. Arthritic and algodystrophic manifestations in a case of akineto-rigid Parkinson syndrome] Foidart-Dessalle M, et al. **Rev Med Liege** 1985 Jan 1;40(1):25-8 **(Fre)**

DIAGNOSIS

Diagnosis of persistent shoulder pain [letter] Ecker A. **JAMA** 1984 Dec 28;252(24):3365

DRUG THERAPY

Efficacy of oral nifedipine in the treatment of reflex sympathetic dystrophy. Prough DS, et al. **Anesthesiology** 1985 Jun;62(6):796-9

[Calcitonin in the treatment of algodystrophic syndromes] Gospodinoff A, et al. **Clin Ter** 1985 Jun 15;113(5):357-66 (Eng. Abstr.) **(Ita)**

ETIOLOGY

Reflex sympathetic dystrophy as a probable paraneoplastic syndrome: case report and literature review. Michaels RM, et al. **Arthritis Rheum** 1984 Oct;27(10):1183-5

Algodystrophy after vascular surgery [letter] Priollet P, et al. **Lancet** 1984 Oct 20;2(8408):923-4

PREVENTION & CONTROL

The onset of reflex sympathetic dystrophy despite pretreatment with corticosteroid [letter] Sibley J, et al. **J Rheumatol** 1984 Dec;11(6):870-1

PSYCHOLOGY

The treatment of reflex sympathetic dystrophy syndrome [letter] **J Bone Joint Surg [Am]** 1984 Dec;66(9):1493-4

RADIOGRAPHY

Reflex sympathetic dystrophy [letter] Moskowitz E. **Arch Phys Med Rehabil** 1985 Mar;66(3):199

Severe reflex neurovascular dystrophy in childhood. Rush PJ, et al. **Arthritis Rheum** 1985 Aug;28(8):952-6

Post-traumatic algodystrophy localized in a metacarpal head near synovial gouty microtophi. Lagier R, et al. **ROFO** 1984 Nov;141(5):594-7

RADIONUCLIDE IMAGING

Technetium 99m-methylene diphosphonate bone scans in children with reflex neurovascular dystrophy. Laxer RM, et al. **J Pediatr** 1985 Mar;106(3):437-40

[Isotope transit in reflex sympathetic algodystrophy] Arlet J, et al. **Rev Rhum Mal Osteoartic** 1985 Apr;52(4):221-6 (Eng. Abstr.) **(Fre)**

THERAPY

A personal overview of causalgia and other reflex dystrophies. Shumacker HB Jr. **Ann Surg** 1985 Mar; 201(3):278-89

[Vasculitis following guanethidine block treatment in algodystrophy of the foot] Delcambre B, et al. **Rev Rhum Mal Osteoartic** 1984 Jul-Sep;51(7-8):425-6 **(Fre)**

REFLEX, TENDON see **REFLEX, STRETCH**

REFLEXOTHERAPY

[Reflexotherapy in urology] Henry JC, et al. **Acta Urol Belg** 1984;52(4):617-21 (Eng. Abstr.) **(Fre)**

[Role of the anterior hypothalamus in the mechanism of the therapeutic effect of acupuncture-reflexotherapy] Bogdashkin NG, et al. **Akush Ginekol (Mosk)** 1984 Aug; (8):25-8 (Eng. Abstr.) **(Rus)**

[Acupuncture-reflexotherapy in the treatment of infertility of hypothalamic origin] Giliazutdinova ZSh, et al. **Akush Ginekol (Mosk)** 1984 Aug;(8):46-8 (Eng. Abstr.) **(Rus)**

[The serotonin-monoamine oxidase system after treatment of uterine inertia by reflexotherapy] Markelova VF, et al. **Akush Ginekol (Mosk)** 1984 Aug;(8):28-31 (Eng. Abstr.) **(Rus)**

[Reflexotherapy in the treatment and prevention of uterine inertia in high risk of its development in women with labor fatigue] Shatkina GV, et al. **Akush Ginekol (Mosk)** 1984 Aug;(8):33-5 (Eng. Abstr.) **(Rus)**

[Reflexotherapy in reproductive system disorders of central origin] Tkachenko LV. **Akush Ginekol (Mosk)** 1984 Aug; (8):31-3 (Eng. Abstr.) **(Rus)**

[Reflexotherapy in combined anesthesia during cesarean section] Zharkin AF, et al. **Akush Ginekol (Mosk)** 1984 Aug;(8):39-40 **(Rus)**

[Use of acupuncture in chronic non-specific recurrent salphingo- oophritis] Zharkin NA. **Akush Ginekol (Mosk)** 1984 Aug;(8):48-50 **(Rus)**

[Use of needle reflexotherapy as a component of combined anesthesia in thyrotoxicosis] Vasil'kov VG, et al. **Anesteziol Reanimatol** 1984 Jul-Aug;(4):48-50 (Eng. Abstr.) **(Rus)**

[Effect of reflexotherapy on the sympathetic-adrenal system based on catecholamine excretion data] Durinian RA, et al. **Fiziol Cheloveka** 1984 May-Jun;10(3):454-7 **(Rus)**

[Use of acupuncture reflexotherapy in the combined treatment of peritonitis] Shamreĭ GP, et al. **Klin Khir** 1985 Jan;(1):68-9 **(Rus)**

[Effect of reflexotherapy on the function of the hypophyseal-adrenal system] Markelova VF, et al. **Patol Fiziol Eksp Ter** 1985 Jan-Feb;(1):38-41 (Eng. Abstr.) **(Rus)**

[Reflexotherapy in duodenal ulcer] Markelova VF, et al. **Sov Med** 1984;(9):13-7 (Eng. Abstr.) **(Rus)**

[Use of graded bicycle ergometry as a method for the objective evaluation of the efficacy of reflexotherapy in the early stages of hypertension] Monaenkov AM, et al. **Ter Arkh** 1984;56(9):34-6 (Eng. Abstr.) **(Rus)**

[Various immunological indicators in patients with atopic dermatitis during reflexotherapy] Shinaev NN, et al. **Vestn Dermatol Venerol** 1985 Feb;(2):39-42 (Eng. Abstr.) **(Rus)**

[Reflexotherapy of tobacco smoking under conditions of long sea voyages] Nikitin EA, et al. **Voen Med Zh** 1984 Dec; (12):48-9 **(Rus)**

[Theories of the reflex mechanism of action of physical factors and functional systems of the body] Obrosov AN. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May-Jun; (3):46-8 **(Rus)**

[Objective characterization of the effects of manipulation and positional relaxation using quantitative thermography] Durianová J. **Bratisl Lek Listy** 1985 Jan;83(1):87-93 (Eng. Abstr.) **(Slo)**

HISTORY

[Development of reflexotherapy (acupuncture) in the Soviet Union] Sapińska I. **Wiad Lek** 1984 Aug 1;37(15):1233-7 (Eng. Abstr.) **(Pol)**

METHODS

[Reflexotherapy of chronic recurrent aphthous stomatitis and lichen ruber planus] Banchenko GV, et al. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):22-3 (Eng. Abstr.) **(Rus)**

REFRACTION, OCULAR

Comparison of refraction obtained by 'near retinoscopy' and retinoscopy under cycloplegia. Borghi RA, et al. **Am J Optom Physiol Opt** 1985 Mar;62(3):169-72

Clinical prediction of postsurgical aphakic refractive correction. Godio LB, et al. **Am J Optom Physiol Opt** 1984 Nov;61(11):663-5

Three-way comparison of retinoscopy, subjective, and Dioptron Nova refractive findings. Grosvenor T, et al. **Am J Optom Physiol Opt** 1985 Jan;62(1):63-5

Peripheral refraction in aphakic eyes. Millodot M. **Am J Optom Physiol Opt** 1984 Sep;61(9):586-9

Comparison of refractive findings obtained by the Bausch and Lomb IVEX and by conventional clinical refraction. Perrigin DM, et al. **Am J Optom Physiol Opt** 1985 Aug; 62(8):562-7

Long-term effects of extended wear lenses: changes in refraction, corneal curvature, and visual acuity. Rengstorff RH, et al. **Am J Optom Physiol Opt** 1985 Jan;62(1):66-8

Refractive keratoplasty. Keratophakia in a nonhuman primate. Binder PS, et al. **Arch Ophthalmol** 1984 Nov; 102(11):1671-5

Refractive development of the human eye. Gordon RA, et al. **Arch Ophthalmol** 1985 Jun;103(6):785-9

Changes of refraction in schoolchildren. Mäntyjärvi MI. **Arch Ophthalmol** 1985 Jun;103(6):790-2

Sphere and cylinder distribution among the USAF rated population requiring spectacles. Provines WF, et al. **Aviat Space Environ Med** 1984 Aug;55(8):751-3

Experimental radial keratectomy in rabbits for the correction of aphakia. Cherry PM, et al. **Cornea** 1984;3(1):61-4

Refractive keratoplasty: myopic keratomileusis in baboons. Binder PS, et al. **Curr Eye Res** 1984 Oct;3(10):1187-97

Predicting refractive alterations with hydrogel keratophakia. Watsky MA, et al. **Invest Ophthalmol Vis Sci** 1985 Feb; 26(2):240-3

Determining intraocular lens power within the eye. Holladay JT, et al. **J Am Intraocul Implant Soc** 1985 Jul;11(4):353-63

A program for adding and subtracting refractive powers with oblique crossed cylinders. Huber C. **J Am Intraocul Implant Soc** 1985 Mar;11(2):189-90

Analysis of intraocular lens power calculation. Liang YS, et al. **J Am Intraocul Implant Soc** 1985 May;11(3):268-71

A BASIC language computer program for intraocular lens power calculations. Sharvelle DJ. **J Am Intraocul Implant Soc** 1985 Jul;11(4):400-5

Nearpoint visual stress: clinical implications. Birnbaum MH. **J Am Optom Assoc** 1985 Jun;56(6):480-90

Use of an automatic refraction device in a Third World country. Garner LF, et al. **J Am Optom Assoc** 1985 Jul; 56(7):538-41

Trends in the change of clinical refractive error in myopes. Goss DA, et al. **J Am Optom Assoc** 1985 Aug;56(8):608-13

Corneal refraction: relative effects of each corneal component. Rengstorff RH. **J Am Optom Assoc** 1985 Mar; 56(3):218-9

The IVEX refraction system: a clinical comparison. Roggenkamp JR, et al. **J Am Optom Assoc** 1985 Jul; 56(7):532-6

Refitting long-term asymptomatic PMMA lens wearers into gas permeable lenses. Synder AC, et al. **J Am Optom Assoc** 1985 Mar;56(3):192-6

Clinical evaluation of the Nidek AR auto refractor. Helveston EM, et al. **J Pediatr Ophthalmol Strabismus** 1984 Nov-Dec;21(6):227-30

Astigmatic decomposition: an alternative subjective refraction test employing conventional instrumentation. Barnes DA. **Ophthalmic Physiol Opt** 1984;4(4):359-64

The algebra of sphero-cylinders. Saunders H. **Ophthalmic Physiol Opt** 1985;5(2):157-63

Measurement of the axial wavefront aberration of the human eye. Walsh G, et al. **Ophthalmic Physiol Opt** 1985; 5(1):23-31

Penguin vision in air and water. Howland HC, et al. **Vision Res** 1984;24(12):1905-9

Refractive state, depth of focus and accommodation of the eye of the California ground squirrel (Spermophilus beecheyi). McCourt ME, et al. **Vision Res** 1984; 24(10):1261-6

[An analysis of refraction and position of the eye among students with normal eye sight] Liu J. **Chung Hua Yen Ko Tsa Chih** 1984 Nov;20(6):352-4 **(Chi)**

[Comparative study between subjective and objective refraction using the Autorefractor 6600 on 200 eyes in children] Menerath JM, et al. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1189-93 (Eng. Abstr.) **(Fre)**

[Clinical evaluation of the Dioptron II Ultima B] Risse JF, et al. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1179-84 (Eng. Abstr.) **(Fre)**

[A new ophthalmologic refractometer assisted by a microprocessor] Corno F, et al. **J Fr Ophtalmol** 1984; 7(6-7):485-92 (Eng. Abstr.) **(Fre)**

[Ultrastructure of the rabbit cornea following experimental keratomileusis] Bornfeld N, et al. **Fortschr Ophthalmol** 1984;81(5):426-8 (Eng. Abstr.) **(Ger)**

[Correlation analysis of emmetropic and ametropic eyes] Daxecker F, et al. **Fortschr Ophthalmol** 1985;82(1):94-7 (Eng. Abstr.) **(Ger)**

[Animal research on an intraocular lens altering refractive power] Hackelbusch R, et al. **Fortschr Ophthalmol** 1985;

82(1):71-2 (Eng. Abstr.) (Ger)

[Source of error in a commercial program for calculating intraocular lenses] Pittke EC. **Fortschr Ophthalmol** 1985; 82(3):269-71 (Eng. Abstr.) (Ger)

[Calculation of the power of refraction of intraocular lenses] Strobel J. **Fortschr Ophthalmol** 1985;82(2):165-7 (Eng. Abstr.) (Ger)

[Derivation and critical analysis of formulas for the calculation of the refractive power of intraocular lenses] Nitsch J, et al. **Klin Monatsbl Augenheilkd** 1985 Jan; 186(1):66-73 (Eng. Abstr.) (Ger)

[A variable cross cylinder with extended scale] Reiner J. **Klin Monatsbl Augenheilkd** 1984 Jun;184(6):572-3 (Eng. Abstr.) (Ger)

[Free-vision refraction determination] Reiner J. **Klin Monatsbl Augenheilkd** 1985 Jan;186(1):57-60 (Eng. Abstr.) (Ger)

[Analysis of refraction in pseudophakic eyes, with reference to near vision] Komine T. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):368-74 (Eng. Abstr.) (Jpn)

[Astigmaticity of the optical structure of emmetropic eyes] Kuzina EI. **Oftalmol Zh** 1984;(3):167-9 (Eng. Abstr.) (Rus)

[Results of laser retinometry in refractive amblyopia due to astigmatism] Pen'kov MA, et al. **Oftalmol Zh** 1984; (5):278-81 (Eng. Abstr.) (Rus)

[Correlation between the obstetrical risk factor and refraction in preschoolers born at term and prematurely] Al'banskiĭ VG. **Vestn Oftalmol** 1985 Jan-Feb;101(1):40-4 (Rus)

INSTRUMENTATION

Noncycloplegic vs cycloplegic retinoscopy in pre-school children. Maino JH, et al. **Ann Ophthalmol** 1984 Sep; 16(9):880-2

[Analysis of identification of illumination engineering parameters in devices for testing visual acuity and ways of standardizing them] Ananin VF, et al. **Oftalmol Zh** 1984; (6):363-6 (Eng. Abstr.) (Rus)

[Comparative study of refraction using the Canon Autoref R-1 refractometer--the effect of age factors] Kordić R, et al. **Lijec Vjesn** 1985 Feb;107(2):82-4 (Eng. Abstr.) (Scr)

REFRACTIVE ERRORS

CHEMICALLY INDUCED

[Impairment of color perception acuity caused by styrene and tetrachloroethylene vapors] Alieva ZA, et al. **Gig Tr Prof Zabol** 1985 Feb;(2):11-3 (Eng. Abstr.) (Rus)

COMPLICATIONS

Visually related headache in a preschooler. Hutter RF, et al. **Am J Optom Physiol Opt** 1984 Nov;61(11):711-3

Anisometropia in children: analysis of a hospital population. de Vries J. **Br J Ophthalmol** 1985 Jul;69(7):504-7

Treatment of amblyopia in strongly anisometropic eyes. van der Torren K. **Doc Ophthalmol** 1985 Jan 31;59(1):99-104

[Relation between concomitant strabismus and refractive error--analysis of 217 cases] Tan RC. **Chung Hua Yen Ko Tsa Chih** 1984 May;20(3):154-5 (Chi)

[Relation between preoperative factors and complications of surgical treatment of retinal detachment. 2. Postoperative complications] Bogacki S, et al. **Klin Oczna** 1984 Dec; 86(12):540-2 (Eng. Abstr.) (Pol)

[Relation between preoperative factors and complications of surgical treatment of retinal detachment. 1. Intraoperative complications] Bogacki S, et al. **Klin Oczna** 1984 Dec; 86(12):537-9 (Eng. Abstr.) (Pol)

[Preoperative factors and complications of reoperation in retinal detachment] Bogacki S, et al. **Klin Oczna** 1984 Dec; 86(12):543-5 (Eng. Abstr.) (Pol)

DIAGNOSIS

Funduscopic systems: magnification in ametropia and aphakia. Raasch T. **Am J Optom Physiol Opt** 1985 Jan; 62(1):19-24

Effectiveness of the Humphrey Vision Analyzer low vision slide on the partially sighted. Siemsen D, et al. **Am J Optom Physiol Opt** 1983 Sep;60(9):798-803

Noncycloplegic vs cycloplegic retinoscopy in pre-school children. Maino JH, et al. **Ann Ophthalmol** 1984 Sep; 16(9):880-2

Clinical evaluation of the Nidek AR auto refractor. Helveston EM, et al. **J Pediatr Ophthalmol Strabismus** 1984 Nov-Dec;21(6):227-30

Projection-simulated ametropia. A model for teaching subjective refraction. Henningsen MA, et al. **Ophthalmology** 1985 Jun;92(6):831-3

[The heavy eye syndrome] Lanthony P. **Bull Mem Soc Fr Ophtalmol** 1985;96:26-8 (Fre)

[Free-vision refraction determination] Reiner J. **Klin Monatsbl Augenheilkd** 1985 Jan;186(1):57-60 (Eng. Abstr.) (Ger)

[Comparative evaluation of various cycloplegics in the diagnosis of refractive errors in children] Pyzowski J, et al. **Klin Oczna** 1984 Oct;86(10):447-9 (Eng. Abstr.) (Pol)

[Usefulness of 1,0% Tropicamide (Polfa) in testing ocular refraction in children] Reichhartowa T. **Klin Oczna** 1984 Oct;86(10):451-2 (Eng. Abstr.) (Pol)

[Correlation between the obstetrical risk factor and refraction in preschoolers born at term and prematurely] Al'banskiĭ VG. **Vestn Oftalmol** 1985 Jan-Feb;101(1):40-4 (Rus)

ETIOLOGY

Intraocular lens induced anisometropia. Kirschen M. **J Am Optom Assoc** 1985 May;56(5):395

[Fundus asymmetry--supertraction of the papilla and posterior sclera staphyloma--as a source of error in the calculation of intraocular lenses] Meier U, et al. **Klin Monatsbl Augenheilkd** 1984 Oct;185(4):259-62 (Eng. Abstr.) (Ger)

FAMILIAL & GENETIC

Segregation analysis of ocular refraction and myopia. Ashton GC. **Hum Hered** 1985;35(4):232-9

[Chromosomal aberrations and ocular diseases: 54 cases comprising 8 types of anomaly diagnosed by chromosomal analysis] Hu DN. **Chung Hua Yen Ko Tsa Chih** 1985 May; 21(3):156-9 (Chi)

OCCURRENCE

Refractive errors in a Finnish rural population. Aine E. **Acta Ophthalmol (Copenh)** 1984 Dec;62(6):944-54

Are anisometropia and amblyopia common in Duane's syndrome? Tredici TD, et al. **J Pediatr Ophthalmol Strabismus** 1985 Jan-Feb;22(1):23-5

PATHOLOGY

[Correlation analysis of emmetropic and ametropic eyes] Daxecker F, et al. **Fortschr Ophthalmol** 1985;82(1):94-7 (Eng. Abstr.) (Ger)

[Echo-ophthalmological examination in forensic medicine] Shimanovich RL, et al. **Sud Med Ekspert** 1985 Jan-Mar; 28(1):49-50 (Rus)

PHYSIOPATHOLOGY

The effect of ametropia on the accommodative response. Ramsdale C. **Acta Ophthalmol (Copenh)** 1985 Apr; 63(2):167-74

Simulating refractive errors: source and observer methods. Chan C, et al. **Am J Optom Physiol Opt** 1985 Mar; 62(3):207-16

Contrast sensitivity differences between strabismic and anisometropic amblyopia: objective correlate by means of visual evoked responses. Campos EC, et al. **Doc Ophthalmol** 1984 Aug 15;58(1):45-50

Accommodation demand and deprivation in kitten ocular development. Hendrickson P, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):343-9

Effects of aniseikonia, anisometropia, accommodation, retinal illuminance, and pupil size on stereopsis. Lovasik JV, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):741-50

Spatial contrast sensitivity deficits in monkeys produced by optically induced anisometropia. Smith EL 3d, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):330-42

The role of the sympathetic nervous system in ocular accommodation and ametropia [letter] Gilmartin B, et al. **Ophthalmic Physiol Opt** 1985;5(1):91-3

SURGERY

Epikeratophakia: clinical evaluation and histopathology of a non-human primate model. Samples JR, et al. **Cornea** 1984;3(1):51-60

Predicting refractive alterations with hydrogel keratophakia. Watsky MA, et al. **Invest Ophthalmol Vis Sci** 1985 Feb; 26(2):240-3

Surgery for refractive errors [editorial] **Lancet** 1985 Feb 23; 1(8426):435-6

An introductory review of refractive keratoplasty. Steele AD. **Trans Ophthalmol Soc UK** 1985;104 (Pt 1):26-7

[Effectiveness of graded eye compression in anterior non-perforating keratotomies] Sergienko NM, et al. **Oftalmol Zh** 1985;(1):18-21 (Eng. Abstr.) (Rus)

THERAPY

Fitting gas-permeable contact lenses after penetrating keratoplasty. Genvert GI, et al. **Am J Ophthalmol** 1985 May 15;99(5):511-4

Outcome of treatment of marked ametropia without strabismus following screening and diagnosis before the age of three. Friedman Z, et al. **J Pediatr Ophthalmol Strabismus** 1985 Mar-Apr;22(2):54-7

An analysis of visual performance with soft contact lens and spectacle correction. Tomlinson A, et al. **Ophthalmic Physiol Opt** 1985;5(1):53-7

The correction of refractive errors with polysulfone corneal inlays. A new frontier to be explored? Choyce DP. **Trans Ophthalmol Soc UK** 1985;104 (Pt 3):332-42

[Permanent wearing of gas-permeable hard contact lenses. Several clinical illustrations] Elie G, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:144-6 (Fre)

[Results in the first year of life with the complete correction of 12 dpt anisometropia: early sensory plasticity] Rethy S. **Fortschr Ophthalmol** 1985;82(2):210-1 (Eng. Abstr.) (Ger)

[Use of soft contact lenses for the correction of refractive errors. I. Methodology] Habela M. **Klin Oczna** 1984 Aug; 86(8):339-40 (Eng. Abstr.) (Pol)

[Use of soft contact lenses for the correction of refractive errors. II. Results] Habela M. **Klin Oczna** 1984 Aug; 86(8):341-2 (Pol)

REFRACTIVE INDEX see **REFRACTOMETRY**

REFRACTOMETRY

Projection-simulated ametropia. A model for teaching subjective refraction. Henningsen MA, et al. **Ophthalmology** 1985 Jun;92(6):831-3

[Study of crystalline drugs by means of polarizing microscope. VII. Polarizing microscopy of crystalline drugs listed in the Japanese Pharmacopoeia X (3)] Watanabe A, et al. **Yakugaku Zasshi** 1985 May; 105(5):481-90 (Eng. Abstr.) (Jpn)

INSTRUMENTATION

Automated objective refractometers. Carter J, et al. **Ann Ophthalmol** 1984 Aug;16(8):712-5

REFRACTORY PERIOD, NEUROLOGIC see under **NEURAL CONDUCTION**

REFRACTORY PERIOD, PSYCHOLOGICAL see under **REACTION TIME**

REFRIGERATION

see related
HYPOTHERMIA, INDUCED

Lethal and sublethal effects of refrigeration, freezing and freeze-drying on micro-organisms. Mackey BM. **Soc Appl Bacteriol Symp Ser** 1984;(12):45-75 (123 ref.)

Preconditioning of Trichinella spiralis nativa larvae in musculature to low temperatures. Smith HJ. **Vet Parasitol** 1984 Dec;17(1):85-90

[Improvements in the cold chain] **Bol Of Sanit Panam** 1984 Oct;97(4):364-8 (Spa)

ADVERSE EFFECTS

Histologic and temperature alterations induced by skin refrigerants. Dzubow LM. **J Am Acad Dermatol** 1985 May; 12(5 Pt 1):796-810

INSTRUMENTATION

[Parameters of thermoelectric cooling devices in conditions of variable temperatures of the heat-exchange media] Efremov AA, et al. **Med Tekh** 1985 Mar-Apr;(2):19-24 (Eng. Abstr.) (Rus)

REFSUM'S SYNDROME

BLOOD

Identification of 3 alpha,7 alpha,12 alpha-trihydroxy-5 beta-cholestan-26-oic acid, an intermediate in cholic acid synthesis, in the plasma of patients with infantile Refsum's disease. Poulos A, et al. **J Inherited Metab Dis** 1985; 8(1):13-7

Plasma and skin fibroblast C26 fatty acids in infantile Refsum's disease. Poulos A, et al. **Neurology** 1984 Dec; 34(12):1606-9

[Detection of phytanic acid (3,7,11,15-tetramethylhexadecanoic acid) in serum using the gas chromatograph GCHF 18.3] Pilz D, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Sep;36(9):556-8 (Eng. Abstr.) (Ger)

CONGENITAL

Cerebro-hepato-renal (Zellweger) syndrome, adrenoleukodystrophy, and Refsum's disease: plasma changes and skin fibroblast phytanic acid oxidase. Poulos A, et al. **Hum Genet** 1985;70(2):172-7

DIAGNOSIS

Screening of patients with retinitis pigmentosa for heredopathia atactica polyneuritiformis (Refsum's disease). Goldman JM, et al. **Br Med J [Clin Res]** 1985 Apr 13; 290(6475):1109-10

Antenatal diagnosis of infantile Refsum's disease [letter] Poll-The BT, et al. **Clin Genet** 1985 May;27(5):524-6

Refsum's disease, adrenoleucodystrophy, and the Zellweger syndrome. Stokke O, et al. **Scand J Clin Lab Invest** 1984 Sep;44(5):463-4

[Case of Refsum's disease] Shutov AA, et al. **Klin Med (Mosk)** 1984 Sep;62(9):113-5 (Rus)

FAMILIAL & GENETIC

Atypical phenotype of Refsum's disease: clinical, biochemical, neurophysiological and pathological study. Dotti MT, et al. **Eur Neurol** 1985;24(2):85-93

METABOLISM

Infantile Refsum's disease (phytanic acid storage disease): a variant of Zellweger's syndrome? Poulos A, et al. **Clin Genet** 1984 Dec;26(6):579-86

PATHOLOGY

Peroxisomes in fibroblasts from skin of Refsum's disease patients. Beard ME, et al. **J Histochem Cytochem** 1985 May; 33(5):480-4

THERAPY

Refsum's disease: management by diet and plasmapheresis. Hungerbühler JP, et al. **Eur Neurol** 1985;24(3):153-9

REFUGEES

Depression among Vietnamese refugees in a primary care clinic. Lin EH, et al. **Am J Med** 1985 Jan;78(1):41-4

An exploration of somatization among Asian refugees and immigrants in primary care. Lin EH, et al. **Am J Public Health** 1985 Sep;75(9):1080-4

A clinical study of Laotian refugees infected with Clonorchis sinensis or Opisthorchis viverrini. Woolf A, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1279-80

A successful supervised outpatient short-course tuberculosis treatment program in an open refugee camp on the Thai-Cambodian border. Miles SH, et al. **Am Rev Respir Dis** 1984 Nov;130(5):827-30

Safety of thrice-weekly rifampicin for tuberculosis in South-East Asian refugees. Mukerjee CM, et al. **Aust NZ J Med** 1985 Apr;15(2):226-9

Perspective from a Sudanese refugee camp. Buist NR. **Br Med J [Clin Res]** 1985 May 4;290(6478):1325-6

Re-evaluation of immune status to measles, mumps and rubella viruses in the Canada Health Survey population and the Indochinese refugee population. Neumann PW, et al. **Can J Public Health** 1984 Jul-Aug;75(4):270-2

Hepatitis B follow-up among Indochinese refugees. Nicholls ES, et al. **Can Med Assoc J** 1984 Nov 1;131(9):1073-6

Multiple puncture skin test and mantoux test in Southeast Asian refugees. Catanzaro A. **Chest** 1985 Mar;87(3):346-50

Periodontal conditions, remaining teeth and oral hygiene habits in a group of Vietnamese refugees in Norway. Selikowitz HS, et al. **J Clin Periodontol** 1985 Jan; 12(1):42-50

Health problems of Southeast Asian refugees. Walling AD. **J Kans Med Soc** 1984 Sep;85(9):238-9, 245

Parasite screening and treatment among Indochinese refugees. Cost-benefit/utility and the General Health Policy Model. Anderson JP, et al. **JAMA** 1985 Apr 19; 253(15):2229-35

The health of refugees [editorial] **Lancet** 1985 Mar 23; 1(8430):673-4

A study of Chilean refugee children in Denmark. Cohn J, et al. **Lancet** 1985 Aug 24;2(8452):437-8

Entamoeba polecki infection in Southeast Asian refugees: multiple cases of a rarely reported parasite. Gay JD, et al. **Mayo Clin Proc** 1985 Aug;60(8):523-30

Epidemic of gynecomastia among illegal Haitian entrants. Sattin RW, et al. **Public Health Rep** 1984 Sep-Oct; 99(5):504-10

Southeast Asian refugees of Rhode Island: health screening. Bicho AJ, et al. **RI Med J** 1984 Aug;67(8):353-5

Southeast Asian refugees of Rhode Island: a preliminary analysis of birth records. Hollinshead WH, et al. **RI Med J** 1984 Aug;67(8):357-9

Southeast Asian refugees of Rhode Island: reproductive beliefs and practices among the Hmong. Nyce JM, et al. **RI Med J** 1984 Aug;67(8):361-6

Health status of Indochinese refugees in Japan: statistical analyses on anemia, eosinophilia and serum alkaline phosphatase. Yamaguchi N, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun; 15(2):209-16

Diseases of refugees--causes, effects and control. Dick B. **Trans R Soc Trop Med Hyg** 1984;78(6):734-41 (58 ref.)

Refugee community health care in the tropics. Refugees, health and development. Simmonds SP. **Trans R Soc Trop Med Hyg** 1984;78(6):726-33 (34 ref.)

Primary health care with refugees: between the idea and the reality. Dick B, et al. **Trop Doct** 1985 Jan;15(1):2-7

Health status of Southeast Asian refugees. Judson FN, et al. **West J Med** 1984 Aug;141(2):183-8

Demographics and disease prevalence of two new refugee groups in San Francisco. The Ethiopian and Afghan refugees. McCaw BR, et al. **West J Med** 1985 Aug; 143(2):271-5

Intestinal parasites in Southeast Asian refugee children. Parish RA. **West J Med** 1985 Jul;143(1):47-9

[Medical problems in refugees from Sri Lanka (Tamil) (letter)] Gassner-Bachmann M. **Schweiz Med Wochenschr** 1985 Jul 9;115(27-28):950-1 **(Ger)**

[Medical problems in refugees from Sri Lanka (Tamil)] Sonderegger TS, et al. **Schweiz Med Wochenschr** 1985 Jan 12;115(2):59-62 (Eng. Abstr.) **(Ger)**

[Results of the medical control conducted on refugees from southeast Asia arriving] Manzone G, et al. **Nuovi Ann Ig Microbiol** 1983 May-Jun;34(3):195-201 (Eng. Abstr.) **(Ita)**

[The role of Polish physicians in Hungary 1939-1945] Csorba H. **Arch Hist Med (Warsz)** 1984;47(2):207-19 (Eng. Abstr.) **(Pol)**

[Opinions of Polish physicians with regard to their work in Hungary (1939-1945)] Csorba T. **Arch Hist Med (Warsz)** 1984;47(2):221-37 (Eng. Abstr.) **(Pol)**

PSYCHOLOGY

One-year follow-up study of posttraumatic stress disorder among survivors of Cambodian concentration camps. Boehnlein JK, et al. **Am J Psychiatry** 1985 Aug; 142(8):956-9

Psychiatric diagnoses of Cuban refugees in the United States: findings of medical review boards. Boxer PA, et al. **Am J Psychiatry** 1985 Jan;142(1):86-9

The Indochinese: strategies for health survival. Fox R. **Int J Soc Psychiatry** 1984 Winter;30(4):285-91

Indochinese immigrant children: problems in psychiatric diagnosis. Krener PG, et al. **J Am Acad Child Psychiatry** 1985 Jul;24(4):453-8

Hmong refugees in Minnesota: sex roles and mental health. Westermeyer J, et al. **Med Anthropol** 1984 Fall;8(4):229-45

Adjustment of Vietnamese refugee youths: a self-report. Daly S, et al. **Psychol Rep** 1985 Jun;56(3):971-6

Symptom change over time among Hmong refugees: psychiatric patients versus nonpatients. Westermeyer J, et al. **Psychopathology** 1984;17(4):168-77

Southeast Asian refugees of Rhode Island: psychiatric problems, cultural factors, and nightmare death. Ingall MA. **RI Med J** 1984 Aug;67(8):369-72

REFUSE DISPOSAL

Biodegradation of [14C]phenol in secondary sewage and landfill leachate measured by double-vial radiorespirometry. Deeley GM, et al. **Appl Environ Microbiol** 1985 Apr;49(4):867-9

Bird use and heavy metal accumulation in waterbirds at dredge disposal impoundments, Corpus Christi, Texas. White DH, et al. **Bull Environ Contam Toxicol** 1985 Feb; 34(2):295-300

Airborne microorganisms in a municipal solid waste recovery system. Lembke LL, et al. **Can J Microbiol** 1985 Mar; 31(3):198-205

The destruction of halogenated organic chemicals by plasma pyrolysis. Barton TG, et al. **Can J Physiol Pharmacol** 1984 Aug;62(8):976-8

Immobilization and geological disposal of nuclear fuel waste. Tait JC. **Can J Physiol Pharmacol** 1984 Aug;62(8):979-85

B. L. Cohen's probabilities for human intake and implications for nuclear waste disposal [letter] Brodsky A. **Health Phys** 1985 Aug;49(2):321-4

Radionuclide partitioning coefficients in soils and plants and their correlation. Sheppard MI. **Health Phys** 1985 Jul; 49(1):106-11

[Epidemiologic study of the health effects of atmospheric waste from an industrial and household refuse incineration plant] Zmirou D, et al. **Rev Epidemiol Sante Publique** 1984; 32(6):391-7 (Eng. Abstr.) **(Fre)**

[Hygienic aspects of agricultural land applications of wastewater and sewage sludge] Müller HE. **Naturwissenschaften** 1985 May;72(5):238-48 (Eng. Abstr.) **(Ger)**

['Refuse cluttering syndrome'--a previously unknown disease picture] Dettmering P. **Off Gesundheitswes** 1985 Jan; 47(1):17-9 **(Ger)**

[Recommendations for the nomenclature of landfills and remarks on landfill sealing] Tauchnitz J, et al. **Z Gesamte Hyg** 1985 Apr;31(4):242-5 (Eng. Abstr.) **(Ger)**

[The behavior of polycyclic aromatic hydrocarbons in soil fertilized with sewage sludge-garbage compost. I. Field studies] Pfeiffer EH, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec; 179(6):566-73 (Eng. Abstr.) **(Ger)**

[The behavior of polycyclic aromatic hydrocarbons in soil fertilized with sewage sludge-garbage compost. II. Laboratory studies] Pfeiffer EH, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec; 179(6):574-85 (Eng. Abstr.) **(Ger)**

[Hygienic recovery of sludge resulting from the depuration of waste water] Coppola S, et al. **Nuovi Ann Ig Microbiol** 1983 May-Jun;34(3):223-39 (Eng. Abstr.) **(Ita)**

[A schistosomal area of the Federal District: study of refuse disposal and the transmission of the disease] Correia CM, et al. **Rev Bras Malariol Doencas Trop** 1983;35:1-9 (Eng. Abstr.) **(Por)**

ADVERSE EFFECTS

Community exposure to hazardous waste disposal sites: assessing reporting bias. Roht LH, et al. **Am J Epidemiol** 1985 Sep;122(3):418-33

METHODS

Destruction of cyanogen bromide and inorganic cyanides. Lunn G, et al. **Anal Biochem** 1985 May 15;147(1):245-50

Decontamination and disposal of PCB wastes. Johnston LE. **Environ Health Perspect** 1985 May;60:339-46

Waste disposal technologies for polychlorinated biphenyls. Piver WT, et al. **Environ Health Perspect** 1985 Feb; 59:163-77 (62 ref.)

Deep-ocean radioactive waste disposal [letter] Webb GA. **Health Phys** 1984 Sep;47(3):491-3

[Various hygienic aspects of the problem of using and disposing of the wastes of enterprises synthesizing organic chemicals] Beliaev II, et al. **Vestn Akad Med Nauk SSSR** 1984;(10):57-61 (Eng. Abstr.) **(Rus)**

STANDARDS

Release of residual material during needle cutting. Binley RJ, et al. **Am J Infect Control** 1984 Oct;12(5):282-8

A critical review of 'Draft manual for infectious waste management'. Mallison GF. **Am J Infect Control** 1985 Feb; 13(1):45-6

Polychlorinated dibenzo-p-dioxins and dibenzofurans in fly ash and cinders collected from several municipal incinerators in Japan. Wakimoto T, et al. **Environ Health Perspect** 1985 Feb;59:159-62

Disposable needle and syringe containers. Weinstein SA. **Infect Control** 1985 Jan;6(1):41-3

[Hygienic principles for regulating waste from stock-breeding complexes used in agriculture] Timchenko II, et al. **Gig Sanit** 1984 Jul;(7):60-3 **(Rus)**

TRENDS

Hazardous waste disposal: emerging technologies and public policies to reduce public health risks. Harris RH, et al. **Annu Rev Public Health** 1985;6:269-94

REGENERATION

The healing of human corneal endothelium. An in vitro study. Olsen EG, et al. **Acta Ophthalmol (Copenh)** 1984 Dec;62(6):885-92

A morphologic and autoradiographic study of cell death and regeneration in the retinal microvasculature of normal and diabetic rats. Sharma NK, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):51-60

Immunoreactive ACTH and gamma-MSH in rat plasma during early stages of adrenal regeneration. Alfano J, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):E471-4

Fine structure of the forelimb regenerate of the African clawed toad, Xenopus laevis. Furlong ST, et al. **Anat Rec** 1985 Apr;211(4):444-9

Muscle fiber necrosis and regeneration induced by prolonged weight-lifting exercise in the cat. Giddings CJ, et al. **Anat Rec** 1985 Feb;211(2):133-41

Mechanisms for rapid re-epithelialization of the gastric mucosal surface. Silen W, et al. **Annu Rev Physiol** 1985; 47:217-29 (29 ref.)

Lack of cellular differentiation with neoplastic-like proliferation in the limbs of the newt Cynops pyrrhogaster. Tsonis PA, et al. **Anticancer Res** 1984 Jul-Oct;4(4-5):251-3

Rat extraocular muscle regeneration. Repair of local anesthetic-induced damage. Carlson BM, et al. **Arch Ophthalmol** 1985 Sep;103(9):1373-7

Arterial regenerative activity after prosthetic implantation. Greisler HP, et al. **Arch Surg** 1985 Mar;120(3):315-23

Tubular regeneration in rat kidney cortex during treatment with gentamicin at a low dose. Laurent G, et al. **Arch Toxicol [Suppl]** 1984;7:459-63

Function of ribosomes and glutamyl-tRNA isoacceptors in protein synthesis in regenerating skeletal muscle. Jones GH. **Biochim Biophys Acta** 1985 Apr 19;824(4):324-9

Ultrastructural changes in re-endothelialized and non-endothelialized rabbit aortic neo-intima following re-injury with a balloon catheter. Richardson M, et al. **Br J Exp Pathol** 1984 Oct;65(5):597-611

Selection of pathways by regenerating spinal cord fiber tracts. Bunt SM, et al. **Brain Res** 1984 Nov;318(2):307-11

The response of optic tract glia during regeneration of the goldfish visual system. II. Tectal factors stimulate optic tract glia. Giulian D, et al. **Brain Res** 1985 Jul 22; 339(1):97-104

The response of optic tract glia during regeneration of the goldfish visual system. I. Biosynthetic activity within different glial populations after transection of retinal ganglion cell axons. Giulian D, et al. **Brain Res** 1985 Jul 22;339(1):87-96

Responses of host motor and sensory neurons to a neural tube implant in amputated chick limbs. Sisken BF, et al. **Brain Res** 1985 Apr;351(2):245-52

Cell cycle-dependent heat sensitization of murine granulocyte-macrophage progenitor cells in regenerating marrow. Kobayashi E, et al. **Cancer Res** 1985 Apr; 45(4):1459-63

Acetylcholinesterase and nerve axon formation during muscle regeneration in rats. Oron U. **Cell Mol Biol** 1984; 30(4):411-6

Focal regeneration in the rat myocardium following cold injury. Oron U, et al. **Cell Tissue Res** 1985;241(2):459-63

Regeneration and the mechanism of epidermal tumor promotion. Argyris TS. **CRC Crit Rev Toxicol** 1985; 14(3):211-58 (210 ref.)

Formation of pattern in regenerating tissue pieces of Hydra attenuata. III. The shaping of the body column. Bode MF, et al. **Dev Biol** 1984 Dec;106(2):315-25

Enhanced reappearance of fast fibers in regenerating crayfish claw closer muscles. Govind CK, et al. **Dev Biol** 1985 Jan; 107(1):206-12

The distribution of marked dermal cells from small localized implants in limb regenerates. Rollman-Dinsmore C, et al. **Dev Biol** 1984 Dec;106(2):275-81

Cellular behavior in the anteroposterior axis of the regenerating forelimb of the axolotl, Ambystoma mexicanum. Tank PW, et al. **Dev Biol** 1985 May; 109(1):215-23

Golgi apparatus: distinct structure of acid phosphatase localization in regenerating human skeletal muscle fiber. Wakayama Y, et al. **Dev Neurosci** 1983-84;6(3):152-60

Are limb development and limb regeneration both initiated by an integumentary wounding? A hypothesis. Borgens RB. **Differentiation** 1984;28(2):87-93

Ciliogenesis following salpingostomy of rabbit hydrosalpinges. Vásquez G, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Sep;18(1-2):103-18

Repair mechanisms involved in muscle regeneration following partial excision of the rat gastrocnemius muscle. Roth D, et al. **Exp Cell Biol** 1985;53(2):107-14

Long-term perturbation of hemopoiesis after moderate damage to stem cells. Gidáli J, et al. **Exp Hematol** 1985 Aug;13(7):647-51

Glycosaminoglycan composition and biosynthesis in the endothelium-covered neointima of de-endothelialized rabbit aorta. Alavi M, et al. **Exp Mol Pathol** 1985 Jun; 42(3):389-400

Changes in muscle carnitine during regeneration. Czyzewski K, et al. **Exp Neurol** 1984 Oct;86(1):73-80

Selectivity in sympathetic innervation during development and regeneration in the rat. Hill CE. **Experientia** 1985 Jul 15;41(7):857-62 (56 ref.)

The regeneration of newt limbs deformed in nature. Tsonis PA, et al. **Experientia** 1985 Jul 15;41(7):918-9

Changes in L-ornithine decarboxylase activity in regenerating lung lobes. Tatár-Kiss S, et al. **FEBS Lett** 1984 Sep 17;175(1):131-4

Multiple limb autotomy can trigger either ovarian growth or somatic growth in the freshwater crab, Paratelphusa hydrodromous (Herbst). Kurup KN, et al. **Gen Comp Endocrinol** 1984 Dec;56(3):433-43

Histochemical demonstration of monoaminergic and cholinesterase-positive nerve fibres in regenerating rat submandibular gland autografts. O'Dell NL, et al. **Histochem J** 1985 Jun;17(6):665-74

Regeneration of epidermis by cells grown in tissue culture. Eisinger M. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 2):402-8

Basement membrane component changes in skeletal muscle transplants undergoing regeneration or rejection. Gulati AK. **J Cell Biochem** 1985;27(4):337-46

Loss of differentiating nematocytes induced by regeneration and wound healing in Hydra. Fujisawa T, et al. **J Cell Sci** 1984 Jun;68:243-55

Regeneration of axolotl hindlimbs bearing surgically created discontinuities in the anterior-posterior axis. Holder N, et al. **J Embryol Exp Morphol** 1985 Apr;86:283-310

Regeneration of surgically created mixed-handed axolotl forelimbs: pattern formation in the dorsal-ventral axis. Holder N, et al. **J Embryol Exp Morphol** 1984 Aug; 82:217-39

Effects of radius--ulna removal on forelimb regeneration in Xenopus laevis froglets. Korneluk RG, et al. **J Embryol Exp Morphol** 1984 Aug;82:9-24

Regeneration and pattern formation in planarians. I. The pattern of mitosis in anterior and posterior regeneration in Dugesia (G) tigrina, and a new proposal for blastema formation. Saló E, et al. **J Embryol Exp Morphol** 1984 Oct; 83:63-80

Subroutines in the programme of Chlamydomonas gene expression induced by flagellar regeneration. Schloss JA. **J Embryol Exp Morphol** 1984 Nov;83 Suppl:89-101

Separation of wound healing from regeneration in the cockroach leg. Truby PR. **J Embryol Exp Morphol** 1985 Feb;85:177-90

Stump currents in regenerating salamanders and newts. Borgens RB, et al. **J Exp Zool** 1984 Aug;231(2):249-56

Injury, nerve, and wound epidermis related electrophoretic and fluorographic protein patterns in forelimbs of adult newts. Garling DJ, et al. **J Exp Zool** 1984 Aug; 231(2):221-41

Limb regeneration in anuran tadpoles following repeated amputations. Kollros JJ. **J Exp Zool** 1984 Nov; 232(2):217-29

A nerve-conditioning lesion accelerates limb regeneration in the newt. Maier CE, et al. **J Exp Zool** 1984 Nov; 232(2):181-6

Neuromuscular relationships during claw regeneration in Californian snapping shrimp. Stephens PJ, et al. **J Exp Zool** 1984 Aug;231(2):177-83

beta-Endorphins (beta-EP) in amphibians: higher beta-EP levels during regenerating stages of anuran life cycle and immunocytochemical localization of beta-EP in regeneration blastemata. Vethamany-Globus S, et al. **J Exp Zool** 1984 Nov;232(2):259-67

Repopulation of the mouse thymus after sublethal fission neutron irradiation. I. Sequential appearance of thymocyte subpopulations. Huiskamp R, et al. **J Immunol** 1985 Apr; 134(4):2161-9

Repopulation of the mouse thymus after sublethal fission neutron irradiation. II. Sequential changes in the thymic microenvironment. Huiskamp R, et al. **J Immunol** 1985 Apr;134(4):2170-8

Temporal analysis of the role of growth hormone in the initiation and maintenance of limb regeneration in the hypophysectomized newt Notophthalmus viridescens. Landesman R, et al. **J Morphol** 1985 Mar;183(3):301-10

The origin of muscle stem cells in rat triceps surae regenerating after mincing. Ghins E, et al. **J Muscle Res Cell Motil** 1984 Dec;5(6):711-22

Behavioral recovery associated with central nervous system regeneration in the snail Melampus. Moffett S, et al. **J Neurobiol** 1985 May;16(3):193-209

The threshold quantity of nerve required to induce limb regeneration in the chick embryo. Sisken BF, et al. **J Neurosci Res** 1984;12(4):623-32

Spontaneous regeneration of a unilaterally absent mandibular condyle. Keizer S, et al. **J Oral Maxillofac Surg** 1985 Feb; 43(2):130-2

Effect of postoperative immobilisation on the regrowth of the knee joint semilunar cartilage: an experimental study. Ghosh P, et al. **J Orthop Res** 1983;1(2):153-64

Response of amputated rat limbs to fetal nerve tissue implants and direct current. Sisken BF, et al. **J Orthop Res** 1984; 2(2):177-89

The effect of the immunomodulator corynebacterium parvum on hemisplenectomized mice. Cooney DR, et al. **J Pediatr Surg** 1984 Dec;19(6):810-7

Fibroblast subtypes in the periodontium. A possible role in connective tissue regeneration and periodontal reattachment. Bordin S, et al. **J Periodont Res** 1984 Nov; 19(6):642-4

A hierarchical polar coordinate model for epimorphic regeneration. Papageorgiou S. **J Theor Biol** 1984 Aug 21; 109(4):533-54

Enhanced regeneration of transplanted splenic tissue by increased work load to the splenic compartments. Pabst R, et al. **J Trauma** 1985 Apr;25(4):326-8

Aortic endothelial cell during regeneration. Remodeling of cell junctions, stress fibers, and stress fiber-membrane attachment domains. Hüttner I, et al. **Lab Invest** 1985 Sep; 53(3):287-302

Ciliated cell differentiation in regenerating rat tracheal epithelium. Gordon RE, et al. **Lung** 1984;162(4):233-43

Time course of changes in protein synthesis in marcaine-induced skeletal muscle regeneration. Jones GH. **Mech Ageing Dev** 1984 Oct 31;27(3):373-81

Effects of skeletal muscle regeneration on the proliferation potential of satellite cells. Schultz E, et al. **Mech Ageing Dev** 1985 Apr;30(1):63-72

Physiological properties and pattern of innervation of regenerated muscles in the rat. Albani M, et al. **Neuroscience** 1985 Jun;15(2):489-98

An electron microscopic study on the regeneration of the curetted tracheal mucosa in rats. Hattori Y, et al. **Nippon Ika Daigaku Zasshi** 1984 Oct;51(5):568-72

Motorneuron pools innervating muscles in vitamin A-induced proximal-distal duplicate limbs in the axoloti. Stephens N, et al. **Proc R Soc Lond [Biol]** 1985 May 22; 224(1236):341-54

The paradoxes in patterns and mechanism of bone marrow regeneration after irradiation. 2. Total body irradiation. Rubin P, et al. **Radiother Oncol** 1984 Oct;2(3):227-33

The paradoxes in patterns and mechanism of bone marrow regeneration after irradiation. 1. Different volumes and doses. Scarantino CW, et al. **Radiother Oncol** 1984 Oct; 2(3):215-25

Light- and electron-microscopy of normal and regenerating gastric mucosa with special reference to the parietal cells. Blom H. **Scand J Gastroenterol [Suppl]** 1984;105:33-45

Gastric mucosal resistance to a repeated ethanol insult. Lacy ER. **Scand J Gastroenterol [Suppl]** 1985;110:63-72

Tubular ultrastructure in acute renal failure in man: epithelial necrosis and regeneration. Olsen TS, et al. **Virchows Arch [A]** 1985;406(1):75-89

Compensatory proliferative response of the rat submandibular salivary gland to unilateral extirpation. Yagil C, et al. **Virchows Arch [Cell Pathol]** 1985;49(1):83-91

[Demonstration, during the regeneration of urodeles, of a dedifferentiating influence of cicatricial epithelium (study in Salamandra salamandra larvae)] Revardel JL, et al. **C R Acad Sci [III]** 1984;299(16):671-6 (Eng. Abstr.) **(Fre)**

[Regeneration of adipose tissue after lipectomy in rabbits between the ages of 6 and 12 months] Nougués J, et al. **Reprod Nutr Dev** 1985;25(1B):215-6 **(Fre)**

[Rare complication following meniscectomy] Lahr-Eigen R, et al. **Beitr Orthop Traumatol** 1984 Nov;31(11):564-6 (Eng. Abstr.) **(Ger)**

[Regenerative endothelial cell fusions following freezing trauma] Neubauer L, et al. **Fortschr Ophthalmol** 1984; 81(3):285-7 (Eng. Abstr.) **(Ger)**

[Electron microscopic findings in endothelial wound healing in vitro] Steinhorst U, et al. **Fortschr Ophthalmol** 1984; 81(3):288-90 (Eng. Abstr.) **(Ger)**

[Regeneration of the corneal endothelium in the rabbit--preliminary trials--I] Ehrich W, et al. **Klin Monatsbl Augenheilkd** 1984 Jun;184(6):543-8 (Eng. Abstr.) **(Ger)**

[Immuno- and regeneration therapy of recently diagnosed diabetes mellitus type I] Huth E. **Klin Padiatr** 1985 Mar-Apr;197(2):75-84 (Eng. Abstr.) **(Ger)**

[Regeneration of the trachea following partial or total replacement by synthetic resorbable material (polyglactin 910)] Greve H, et al. **Langenbecks Arch Chir** 1985; 363(4):273-82 (Eng. Abstr.) **(Ger)**

[Increase in radioresistance of corneal epithelial cells during regeneration] Popova MF, et al. **Radiobiol Radiother (Berl)** 1985;26(2):263-9 (Eng. Abstr.) **(Ger)**

[Proliferative and metaplastic reactions as tentative reparatory processes in spontaneous arthritis in the mouse] Wilhelmi G, et al. **Z Rheumatol** 1984 Sep-Oct;43(5):241-8 (Eng. Abstr.) **(Ger)**

[Partial conservation of the splenic parenchyma in the prevention of hyposplenism after splenectomy. A note on ponderal modifications of the residual parenchyma (experimental research)] Di Vita G, et al. **Chir Ital** 1984 Apr;36(2):227-33 (Eng. Abstr.) **(Ita)**

[Meniscal regeneration] Gandolfi M, et al. **Chir Organi Mov** 1984;69(4):373-7 (Eng. Abstr.) **(Ita)**

[Effect of human EGF and plasma fibronectin on corneal epithelial regeneration] Kawaba T, et al. **Nippon Ganka Gakkai Zasshi** 1984 Sep;88(9):1237-49 (Eng. Abstr.) **(Jpn)**

[Experimental studies on regeneration of the pancreas--morphological and functional restoration of the remnant pancreas after major pancreatectomy] Yano T. **Nippon Geka Gakkai Zasshi** 1985 Apr;86(4):470-81 (Eng. Abstr.) **(Jpn)**

[Scanning electron microscopic observation of the repair of the rat bladder urothelium damaged by adriamycin] Hikima N. **Nippon Ika Daigaku Zasshi** 1985 Apr;52(2):131-7 (Eng. Abstr.) **(Jpn)**

[Morphofunctional characteristics of the recovery processes in the resected thyroid of rats] Glumova VA, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):740-4 (Eng. Abstr.) **(Rus)**

[Electron microscopic research on capillary regeneration in skeletal muscle after mechanical damage] Volodina AV, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):111-4 (Eng. Abstr.) **(Rus)**

[Functional status of the body and hematopoietic regeneration in bone marrow donors] Iarustovskaia LE. **Gematol Transfuziol** 1984 Sep;29(9):23-7 (Eng. Abstr.) **(Rus)**

[2 theories of the loss and recovery of the regenerative capacity of the limbs in vertebrates] Polezhaev LV. **Izv Akad Nauk SSSR [Biol]** 1985 Mar-Apr;(2):219-29 (18 ref.) (Eng. Abstr.) **(Rus)**

[Muscle tissue regeneration of the lymph hearts in adult Rana temporaria frogs. A study by light and electron microscopy autoradiography methods] Markozashvili MI, et al. **Tsitologiia** 1984 Oct;26(10):1103-10 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

The effect of citric acid on repair after delayed tooth replantation in dogs. Klinge B, et al. **Acta Odontol Scand** 1984 Dec;42(6):351-9

The effect of steroids on the healing of the corneal endothelium. An in vivo and in vitro study in rabbits. Olsen EG, et al. **Acta Ophthalmol (Copenh)** 1984 Dec;62(6):893-9

Effects of the protease inhibitor leupeptin on proteolytic activities and regeneration of mouse skeletal muscles after exercise injuries. Salminen A. **Am J Pathol** 1984 Oct; 117(1):64-70

Accumulation of methylmercury in the earthworm, Eisenia foetida, and its effect on regeneration. Beyer WN, et al. **Bull Environ Contam Toxicol** 1985 Aug;35(2):157-62

Retinoids and the control of pattern in regenerating limbs. Maden M. **Ciba Found Symp** 1985;113:132-55 (26 ref.)

Regeneration of erythroid progenitor cells in polycythemic mice treated with cyclophosphamide. Biljanovic-Paunović L, et al. **Exp Hematol** 1985 Jan;13(1):67-73

Lymphocytic recovery after experimental suppression of haemopoiesis in the rat. Berger J. **Folia Haematol (Leipz)** 1984;111(5):599-603

Gangliosides stimulate protein synthesis, growth, and axon number of regenerating limb buds. Maier CE, et al. **J Comp Neurol** 1984 Dec 10;230(3):459-64

Retinoic-acid-induced pattern completion in regenerating double anterior limbs of urodeles. Stocum DL, et al. **J Exp Zool** 1984 Nov;232(2):207-15

Abnormal limb regeneration in adult newts exposed to the fungicide Maneb 80. A histological study. Zavanella T, et al. **J Toxicol Environ Health** 1984;13(4-6):735-45

Glucagon effect on the regeneration of ileal mucosa in rats after experimental desquamation of intestinal epithelium. Lewicki Z, et al. **Mater Med Pol** 1985 Jan-Mar;17(1):17-22

The influence of calcium leucovorin on the co-trimoxazole induced inhibition of leukocyte regeneration after bone marrow transplantation in mice. Heidt PJ, et al. **Prog Clin Biol Res** 1985;181:437-41

In vitro assessment of abnormal developmental biology. Johnson EM, et al. **Prog Clin Biol Res** 1985;163C:231-7

Regulation of size and pattern and the effect of vitamin A in regeneration and development. Summerbell D, et al. **Prog Clin Biol Res** 1985;163C:121-5

Skeletal muscle regeneration after myonecrosis induced by crude venom and a myotoxin from the snake Bothrops asper (Fer-de-Lance). Gutiérrez JM, et al. **Toxicon** 1984; 22(5):719-31

[Polyvinylpyrrolidone iodine and arginase: effect on corneal regeneration and its antiviral effect] Janthur E, et al. **Klin Monatsbl Augenheilkd** 1985 Jan;186(1):25-8 (Eng. Abstr.) **(Ger)**

[Effect of dibunol liniment on posttraumatic skin regeneration in mice] Krutova TV, et al. **Biull Eksp Biol Med** 1984 Oct; 98(10):471-3 (Eng. Abstr.) **(Rus)**

[Mirror microscopy in the study of regeneration of the posterior epithelium of the cornea in relation to different substitutes for the aqueous humor] Orlova EN, et al. **Oftalmol Zh** 1984;(3):177-9 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Injury and regeneration in rat small intestine cells after exposure to neutrons. Baltrukiewicz Z, et al. **Acta Physiol Pol** 1983 Sep-Dec;34(5-6):525-9

Regeneration in small intestine following exposure to X-radiation and neutron beam as estimated in the light of changes in alkaline phosphatase activity and degree of 3H-thymidine incorporation into cells in intestinal crypts. Meyer-Brodniewiaz J, et al. **Acta Physiol Pol** 1984 Jan-Feb;35(1):115-21

[Electron microscopic study of the recovery of irradiated muscle as affected by regenerating muscle tissue] Eliakova GV, et al. **Dokl Akad Nauk SSSR** 1985;281(5):1219-21 **(Rus)**

[Effect of laser radiation on the regenerative processes in exposure to ionizing radiation] Popova MF, et al. **Dokl Akad Nauk SSSR** 1984;279(6):1504-7 **(Rus)**

[Effect of laser radiation on regenerative processes in the anterior epithelium of the cornea in injuries] Chechin PP, et al. **Oftalmol Zh** 1984;(3):174-7 (Eng. Abstr.) **(Rus)**

[Postirradiation dynamics of T-lymphocyte precursors and thymus regeneration in mice] Iarilin AA, et al. **Radiobiologiia** 1985 Jul-Aug;25(4):505-9 (Eng. Abstr.) **(Rus)**

REGIONAL BLOOD FLOW

Regional blood flow during cardiopulmonary resuscitation with abdominal counterpulsation in dogs. Voorhees WD 3d, et al. **Am J Emerg Med** 1984 Mar;2(2):123-8

Blood flow and oxygen delivery to fetal organs as functions of fetal hematocrit. Fumia FD, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):274-82

Age-related changes in regional blood flow in the rat. Tuma RF, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):H485-91

A sheep preparation for studying interactions between blood flow and drug disposition. III: Effects of general and spinal anaesthesia on regional blood flow and oxygen tensions. Runciman WB, et al. **Br J Anaesth** 1984 Nov;56(11):1247-58

Blood flow patterns in painful diabetic neuropathy. Archer AG, et al. **Diabetologia** 1984 Dec;27(6):563-7

The effect of age on central and regional hemodynamics. Leithe ME, et al. **Gerontology** 1984;30(4):240-6

Hyperdynamic circulation in the left gastric venous area in patients with portal hypertension: angiological assessment. Koyanagi N, et al. **Jpn J Surg** 1985 Mar;15(2):134-9

Blood flow in prosthetic devices. Richardson PD. **Sci Prog** 1985 Autumn;69(275):375-91

The effects of extreme hemodilutions on the autoregulation of cerebral blood flow, electroencephalogram and cerebral metabolic rate of oxygen in the dog. Maruyama M, et al. **Stroke** 1985 Jul-Aug;16(4):675-9

[The amplification factor of the Hillestad reactional hyperemia test as a function of glucose status, clinical status and ankle pressure index] Becker F. **J Mal Vasc** 1985;10 Suppl A:57-61 (Eng. Abstr.) **(Fre)**

[The venous-arteriolar reflex] Krahenbuhl B, et al. **J Mal Vasc** 1985;10 Suppl A:53-6 (Eng. Abstr.) **(Fre)**

[Evolution of vasomotor tone in chronic obstructive arteriopathy of the lower limbs] Merlen JF, et al. **J Mal Vasc** 1985;10 Suppl A:47-9 (Eng. Abstr.) **(Fre)**

[Pulsatility, flow and metabolic diseases] Schmidt C, et al. **J Mal Vasc** 1985;10 Suppl A:50-2 (Eng. Abstr.) **(Fre)**

[Peripheral oxygenation and perfusion in patients with chronic ischemic heart disease complicated by left-ventricular failure] Tiukalova LI, et al. **Ter Arkh** 1984;56(12):25-7 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

The laser Doppler: a non-invasive measure of cochlear blood flow. Goodwin PC, et al. **Acta Otolaryngol (Stockh)** 1984 Nov-Dec;98(5-6):403-12

Regional blood flows during induced hypotension produced by nitroprusside or trimethaphan in the rhesus monkey. Sivarajan M, et al. **Anesth Analg** 1985 Aug;64(8):759-66

Influence of intravenous infusions of hydroxyethylstarch (HES) (MW 40,000 and 450,000) on the blood flow properties of healthy volunteers. Ehrly AM, et al. **Angiology** 1985 Jan;36(1):41-4

Nicardipine: pharmacokinetics and effects on carotid and brachial blood flows in normal volunteers. Thuillez C, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):837-47

Comparison of canine femoral and splanchnic hemodynamics during intravenous infusions of prostacyclin. Campion TW, et al. **Curr Surg** 1985 May-Jun;42(3):214-5

Renal ischemic injury in the dog: characterization and effect of various pharmacologic agents. Lewis RM, et al. **J Lab Clin Med** 1984 Oct;104(4):470-9

Effects of phenobarbitone and 6-methylprednisolone pretreatment on pressure/flow relations in the superior mesenteric and iliac arterial beds of the rat. Hiley CR, et al. **J Pharm Pharmacol** 1985 Mar;37(3):164-9

Regional blood flow changes in response to mildly pressor doses of triglycyl desamino lysine and arginine vasopressin in the conscious dog. Moursi MM, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):360-8

Changes of regional blood flow induced by atrial natriuretic factor (ANF) in conscious rats. Garcia R, et al. **Life Sci** 1985 Apr 29;36(17):1687-92

Effect of platelet activating factor (PAF) on blood flow distribution in the spontaneously hypertensive rat. Goldstein BM, et al. **Life Sci** 1984 Sep 24;35(13):1373-8

[Automatic finger plethysmography as a human pharmacologic research tool. A methodologic study] Müller M, et al. **Arzneimittelforsch** 1984;34(6):702-6 (Eng. Abstr.) **(Ger)**

[Evaluation of a therapy concept for the treatment of sport injuries] Pabst H, et al. **Fortschr Med** 1985 May 9;103(18):490-2 (Eng. Abstr.) **(Ger)**

REGIONAL HEALTH PLANNING

Applying for a certificate of need for unit dose and i.v. admixture services in a Connecticut hospital. Gousse GC, et al. **Am J Hosp Pharm** 1984 Oct;41(10):2029-32

Regionalization of medical care [editorial] Luft HS. **Am J Public Health** 1985 Feb;75(2):125-6

The centralization of operations and access to treatment: total hip replacement in Manitoba. Roos NP, et al. **Am J Public Health** 1985 Feb;75(2):130-3

Patients last? Leigh JM. **Br Med J [Clin Res]** 1985 Jun 8;290(6483):1758-60

A regional manpower plan for community medicine. Sanders G, et al. **Community Med** 1985 May;7(2):116-21

Community services and the issue of 'over census'. Griffith EE. **Hosp Community Psychiatry** 1984 Nov;35(11):1083

State regulation of MRIs appears to shift direction. **Hospitals** 1985 Aug 16;59(16):105-6

Is this overbuilding, and why might it occur? Richards G. **Hospitals** 1985 Feb 1;59(3):70-2

Planning for emergency ambulance service systems. Hill ED 3d, et al. **J Emerg Med** 1984;1(4):331-8

Production and utilization of physicians in Oklahoma. Rich C. **J Okla State Med Assoc** 1985 Jul;78(7):217-8

The regionalization of perinatal services. Summary of the evaluation of a national demonstration program. McCormick MC, et al. **JAMA** 1985 Feb 8;253(6):799-804

Regionalization of health care in a defined area--Belgium. Vuylsteek K, et al. **Public Health Rev** 1984;12(3-4):234-40

[The regionalization of obstetrical services in the Montreal metropolitan area] Lalonde AB, et al. **Union Med Can** 1984 Nov;113(11):948-52, 972 (Eng. Abstr.) **(Fre)**

LEGISLATION & JURISPRUDENCE

State certificate-of-need programs: the current status. Simpson JB. **Am J Public Health** 1985 Oct;75(10):1225-9

Evaluating the impact of certificate-of-need regulation using measures of ultimate outcome: some cautions from experience in Massachusetts. Howell JR. **Health Serv Res** 1984 Dec;19(5):587-613

Implementing regulatory reform: the saga of Michigan's debedding experiment. Carpenter ES, et al. **J Health Polit Policy Law** 1984 Fall;9(3):453-73

[Chief directives of the section 'Protection of the Health of the Population' of regional comprehensive programs of the scientific-technological revolution] Miniaev VA, et al. **Sov Zdravookhr** 1985;(2):3-7 **(Rus)**

METHODS

The utility of synthetic and regression estimation. Techniques for local health planning. MacKenzie EJ, et al. **Med Care** 1985 Jan;23(1):1-13

ORGANIZATION & ADMINISTRATION

Securing services for handicapped children below age five through early childhood direction centers. Gloeckler LC, et al. **Am J Perinatol** 1983 Oct;1(1):98-101

District general managers: who will they be? Allen D. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1394-5

Palliative care: planning a regional system. Heidemann EG. **Dimens Health Serv** 1984 Nov;61(11):16-21, 39

[Mobile itinerant ophthalmology in tropical Africa] Toufic N. **Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique** 1983;:43-58 (Eng. Abstr.) **(Fre)**

[Sanitary control of planning of housing and urban development in the Irkutsk district] Malinovskaia PS, et al. **Gig Sanit** 1984 Dec;(12):48-9 **(Rus)**

[Coordination agreement establishing the bases for the elaboration and execution of the program of decentralization of health services in the state of Guanajuato] **Salud Publica Mex** 1984 Nov-Dec;26(6):612-24 **(Spa)**

[Coordination agreement establishing the bases for the elaboration and execution of the program of decentralization of health services in the state of Tlaxcala] **Salud Publica Mex** 1984 Nov-Dec;26(6):625-34 **(Spa)**

[Projects for transforming the national health service systems in Latin America] Veronelli JC. **Salud Publica Mex** 1985 Mar-Apr;27(2):97-115 (Eng. Abstr.) **(Spa)**

STANDARDS

[United States public health objectives for 1990 and their application to Puerto Rico. III. Sexually transmitted diseases] **Bol Asoc Med PR** 1984 Dec;76(12):520-3 (Eng. Abstr.) **(Spa)**

TRENDS

[Regionalization of child and adolescent psychiatric care in the canton of Zurich] Wille A. **Acta Paedopsychiatr (Basel)** 1984 Nov;50(5):265-8 **(Ger)**

REGIONAL HOSPITAL PLANNING see **HOSPITAL PLANNING**

REGIONAL MEDICAL PROGRAMS

Iowa's system for screening and tracking high-risk infants. Blackman JA, et al. **Am J Dis Child** 1985 Aug;139(8):826-31

A regional poison control system. Effect on response to hypothetical poisonings. Marcus SM, et al. **Am J Dis Child** 1984 Nov;138(11):1010-3

A controlled evaluation of rural regional perinatal care: impact on mortality and morbidity. Siegel E, et al. **Am J Public Health** 1985 Mar;75(3):246-53

Accuracy in clinical laboratories participating in regional quality control programs. Rosenbaum JM. **Arch Pathol Lab Med** 1985 Jun;109(6):485-95

Testicular tumours: establishment of a regional marker assay service and a treatment study group. Eckert H, et al. **Bristol Med Chir J** 1985 Jan;100(373):14-7

Re: Regionalization of perinatal services [letter] Hein HA. **JAMA** 1985 Aug 2;254(5):610-1

Project Ipecac: an accident prevention program of the Robeson County Department of Health. Wester TB. **NC Med J** 1985 Jul;46(7):425-6

The Mason Clinic. Its special role in the Pacific Northwest [editorial] Lindeman RC. **Postgrad Med** 1984 Nov 15;76(7):11-3

Vital statistics data as a measurement of perinatal regionalization in Alabama, 1970 and 1980. Goldenberg RL, et al. **South Med J** 1985 Jun;78(6):657-60

[Primary prevention program in mental health] Martínez Pérez A. **Acta Psiquiatr Psicol Am Lat** 1984 Jun;30(2):146-50 (Eng. Abstr.) **(Spa)**

ECONOMICS

Economic analysis of regionalized neonatal care for very low-birth-weight infants in the state of Rhode Island. Walker DJ, et al. **Pediatrics** 1985 Jul;76(1):69-74

ORGANIZATION & ADMINISTRATION

Danish Breast Cancer Cooperative Group (DBCG). Present status and experience. Fischerman K, et al. **Acta Chir Scand [Suppl]** 1984;519:55-9

Effect of implementation of a regional trauma system [letter] Cherniwchan M. **Ann Emerg Med** 1985 Apr;14(4):374-5

The Keystone Regional Spinal Cord Injury System: a comprehensive approach to the care and treatment of spinal cord injury. Weinberg EI, et al. **J Am Osteopath Assoc** 1985 Mar;85(3):151-5

The work of a regional head injury service. Miller JD, et al. **Lancet** 1985 May 18;1(8438):1141-4

Regionalization of perinatal care. Meuli RL, et al. **West J Med** 1984 Nov;141(5):695-7

[Model of regional hospital care of newborn infants] Norska-Borówka I, et al. **Pediatr Pol** 1984 Aug;59(8):663-9 **(Pol)**

[Providing sanitary-epidemiological measures for improving the health of the rural population of the Donetsk district] Arykh AM, et al. **Gig Sanit** 1985 Jan;(1):77-8 **(Rus)**

[Organization of the rehabilitation of patients with myocardial infarction in rural areas] Efremushkin GG, et al. **Kardiologiia** 1984 Nov;24(11):115-6 **(Rus)**

[Urgent problems in the effective prevention of cardiovascular diseases] Sidorenko GI. **Kardiologiia** 1984 Nov;24(11):5-10 **(Rus)**

[The opisthorchiasis situation and its control in the Sumy district of the Ukraine] Shul'man ES, et al. **Med Parazitol (Mosk)** 1985 Mar-Apr;(2):84-6 (Eng. Abstr.) **(Rus)**

[Current status and means of decreasing trauma in the Ukrainian SSR] Shumada IV. **Ortop Travmatol Protez** 1985 Mar;(3):58-63 **(Rus)**

[Main organizational trends in the field of health care of schoolchildren living in the Murmansk district] Taran NA. **Pediatriia** 1985 Feb;(2):70-2 **(Rus)**

[Centralized control of the treatment of patients with newly detected tuberculosis] Kibardina ZA, et al. **Probl Tuberk** 1984 Aug;(8):10-2 (Eng. Abstr.) **(Rus)**

[Development of rural health services in the Yaroslav district] Lozinskii BR. **Sov Med** 1985;(4):64-8 **(Rus)**

[Chief directives of the section 'Protection of the Health of the Population' of regional comprehensive programs of the scientific-technological revolution] Miniaev VA, et al. **Sov Zdravookhr** 1985;(2):3-7 **(Rus)**

[Effect of the program of multifactorial prevention of ischemic heart disease on the disability of men aged 40-59 years (2-year follow-up)] Lisitsyn VIu, et al. **Ter Arkh** 1984;56(11):30-4 (Eng. Abstr.) **(Rus)**

TRENDS

[Activities of the laboratory for socio-hygienic problems in maternal and child care] Andrievskii BP. **Pediatriia** 1984 Aug;(8):52-3 **(Rus)**

REGIONAL PERFUSION see **PERFUSION, REGIONAL**

REGISTRIES

Map analyses of psychiatric services. The application of a computerized psychiatric case register to geographical analysis. Stefansson CG. **Acta Psychiatr Scand** 1984 Nov;70(5):515-22

Register studies: data from four areas in Northern Italy. Torre E, et al. **Acta Psychiatr Scand [Suppl]** 1985;316:87-94

Comparison between diagnoses in the Stockholm Regional Cancer Register and certified underlying causes of death. Mattsson B, et al. **Acta Radiol [Oncol]** 1985 May-Jun;24(3):219-26

Completeness of the Swedish Cancer Register. Non-notified cancer cases recorded on death certificates in 1978. Mattsson B, et al. **Acta Radiol [Oncol]** 1984;23(5):305-13

Evaluation of child abuse reporting by physicians. Saulsbury FT, et al. **Am J Dis Child** 1985 Apr;139(4):393-5

Re: 'Test of the National Death Index' [letter] Nelson NA, et al. **Am J Epidemiol** 1985 Apr;121(4):626

Registry for the microangiopathic hemolytic syndrome associated with cancer chemotherapy [letter] Keller JH, et al. **Ann Intern Med** 1984 Nov;101(5):716

Registry for angiofollicular lymph node hyperplasia [letter] Weisenburger DD, et al. **Ann Intern Med** 1985 Jan;102(1):132

Surgical survival in the Coronary Artery Surgery Study (CASS) registry. Myers WO, et al. **Ann Thorac Surg** 1985 Sep;40(3):245-60

The cancer registry in cancer control--a review. Muir CS. **Arch Geschwulstforsch** 1984;54(6):491-7

The role of registration in a nationwide cancer control program in Slovakia. Pleško I, et al. **Arch Geschwulstforsch** 1984;54(5):409-14

The cancer registry in cancer control. Saxén EA. **Arch Geschwulstforsch** 1984;54(5):403-8

Registry of angiofollicular lymph node hyperplasia [letter] Weisenburger DD, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):107

Progress report on nationwide networking system of perinatal summary records. Yamamoto K, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):99-106

The national registry of drug-induced ocular side effects. Fraunfelder FT, et al. **Aust J Ophthalmol** 1984 May;12(2):129-31

The UK cardiac surgical register, 1977-82. English TA, et al. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1205-8

National Congenital Rubella Surveillance Programme 1 July 1971-30 June 1984. Smithells RW, et al. **Br Med J [Clin Res]** 1985 Jul 6;291(6487):40-1

The argument for a combined cancer consortium research data base. Cohen ME, et al. **Cancer** 1985 Oct 1;56(7 Suppl):1897-901

A database management system for cardiovascular disease. Wright JG, et al. **Comput Methods Programs Biomed** 1985 May;20(1):117-21

A computerized patient registration and treatment randomization system for multi-institutional clinical trials. Lange N, et al. **Controlled Clin Trials** 1985 Mar;6(1):38-50

Cancer data systems. Guinee VF, et al. **Curr Probl Cancer** 1985 Mar;9(3):1-77 (36 ref.)

75,000 severely disabled children. Bradshaw J, et al. **Dev Med Child Neurol** 1985 Feb;27(1):25-32

Computer applications in the Vascular Registry of Henry Ford Hospital: use of a simplified access method. Elliott JP Jr, et al. **Henry Ford Hosp Med J** 1984;32(3):165-9

Central registration of multiple endocrine neoplasia type 2 families in the Netherlands. Lips CJ, et al. **Henry Ford Hosp Med J** 1984;32(4):236-7

Register of multiple endocrine neoplasia type 2 syndromes in the United Kingdom. Ponder BA. **Henry Ford Hosp Med J** 1984;32(4):233-5

Central Registry of Drug Abuse. Wat S. **Int J Addict** 1985 Feb;20(2):279-98

Lymphomas, cancer of bladder, colon and prostate in Lebanon: an epidemiological challenge [letter] Saab G. **Int J Epidemiol** 1985 Jun;14(2):338

Congenital malformations surveillance system in the Eastern Health Board area. Radic A. **Ir Med J** 1985 Jun;78(6):156-9

Health registry and clinical data base technology: with special emphasis on cancer registries. Laszlo J. **J Chronic Dis** 1985;38(1):67-78

Carcinoma of cervix at Ramathibodi Hospital from cancer registry 1978-1982. Srisupundit S, et al. **J Med Assoc Thai** 1984 Oct;67 Suppl 2:68-72

Vascular surgical data registries for small computers. Kaufman JL, et al. **J Med Syst** 1984 Aug;8(4):319-29

Compiling a practice disease register--the prevalence of incidental problems. Fairley R. **J R Coll Gen Pract** 1984 Apr;34(261):213-5

Computers in paediatrics. 9. Computerisation of the leukemia registry. Tay JS, et al. **J Singapore Paediatr Soc** 1984;26(1-2):35-40

High risk registry update. Roberts FB. **J Tenn Med Assoc** 1985 Jul;78(7):439

Infant High Risk Registry in Tennessee. Wadley FS. **J Tenn Med Assoc** 1985 Jan;78(1):30, 32

Trauma registries revisited [editorial] Boyd DR. **J Trauma** 1985 Mar;25(3):186-7

The trauma registry: a method for providing regional system audit using the microcomputer. Cales RH, et al. **J Trauma** 1985 Mar;25(3):181-6

Development of a computerized vascular registry for large-scale use. Karmody AM, et al. **J Vasc Surg** 1984 Jul;1(4):594-600

Computerized data management for the vascular surgeon: introductory remarks. A plea for uniform reporting practices. Rutherford RB. **J Vasc Surg** 1984 Jul;1(4):582-4

Registry pools reports on ocular side effects [news] Cole H. **JAMA** 1985 Oct 4;254(13):1690

Registry of angiofollicular lymph node hyperplasia [letter] Weisenburger DD, et al. **JAMA** 1985 Mar 15;253(11):1560

Second cancers following radiation treatment for cervical cancer. An international collaboration among cancer registries. Boice JD Jr, et al. **JNCI** 1985 May;74(5):955-75

The Thames Cancer Registry [editorial] **Lancet** 1985 Feb 16;1(8425):380

Kidney brokerage in another guise [letter] Moores B. **Lancet** 1985 Apr 20;1(8434):931

MIRACLE: a time-oriented data validation and analysis system for clinical research. Sinn HP, et al. **Methods Inf Med** 1984 Jul;23(3):139-42

Early detection of the hearing impaired newborn: the high risk registry. Swanson S, et al. **Nebr Med J** 1985 May;70(5):177-9

The Northland rheumatic fever register. Flight RJ. **NZ Med J** 1984 Oct 10;97(765):671-3

European Economic Community's concerted action on congenital anomalies: the Eurocat Project. Lechat MF, et al. **Prog Clin Biol Res** 1985;163B:11-5

The Italian birth defects monitoring system: baseline rates based on 283,453 births and comparison with other registries. Mastroiacovo P. **Prog Clin Biol Res** 1985;163B:17-21

Population and case-control surveillance in the search for environmental causes of birth defects. Oakley GP Jr. **Prog Clin Biol Res** 1985;163B:27-32

Childhood accidents: a registration in public and private medical facilities of a French health care area. Tursz A, et al. **Public Health** 1985 May;99(3):154-64

Population and case-control surveillance in the search for environmental causes of birth defects. Oakley GP Jr. **Public Health Rep** 1984 Sep-Oct;99(5):465-8

Cancer registration and occupational epidemiology. Hernberg S, et al. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:247-53

Uses of population-based cancer registration in occupational epidemiology: experience in Osaka. Morinaga K, et al. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:215-23

Finnish registry for familial adenomatosis coli. Järvinen HJ, et al. **Scand J Gastroenterol** 1984 Oct;19(7):941-6

Epidemiologic study of work-related diseases. Methodological problems of register-based studies. Harrington JM. **Scand J Work Environ Health** 1984 Dec;10(6 Spec No):353-9

Traditional methods of follow-up for thyroid disease--in descent? Hedley AJ, et al. **Scott Med J** 1984 Jan;29(1):4-5

Registry and follow-up systems of trophoblastic disease in Japan. Kawashima Y, et al. **Semin Surg Oncol** 1985;1(2):84-94

Using observational data from registries to compare treatments: the fallacy of omnimetrics. Green SB, et al. **Stat Med** 1984 Oct-Dec;3(4):361-73

Medical registers as historical controls: analysis of an open clinical trial of inosiplex in subacute sclerosing panencephalitis. Hoehler FK, et al. **Stat Med** 1984 Jul-Sep;3(3):225-37

Computerized registration of epidemiological data from intraoral radiographs. Kullman L, et al. **Swed Dent J** 1985;9(3):89-96

HLA monoclonal antibody registry: third listing. Colombani J, et al. **Tissue Antigens** 1984 Oct;24(4):209-14

Report from the California Burn Registry--the causes of major burns. Bongard FS, et al. **West J Med** 1985 May;142(5):653-6

International nonproprietary names for pharmaceutical substances. **WHO Chron** 1985;39 Suppl:1-25

[The significance and main principles of the Central Register of individuals with severe vision disorders] Baráková D. **Cesk Oftalmol** 1985 Mar;41(2):86-9 (Eng. Abstr.) **(Cze)**

[Registration of diagnoses in a national patient register. Preliminary assessment of the validity of the register] Jürgensen HJ, et al. **Ugeskr Laeger** 1984 Oct 22;146(43):3303-8 (Eng. Abstr.) **(Dan)**

[Practice of reporting of occupational diseases and accidents in issuing death certificates. Results of a questionnaire study] Mosbech H. **Ugeskr Laeger** 1985 Mar 4;147(10):901-3 (Eng. Abstr.) **(Dan)**

[Incidence of bacterial meningitis in the Netherlands; comparison of 3 registration systems, 1977-1982] Spanjaard L, et al. **Ned Tijdschr Geneeskd** 1985 Feb 23;129(8):355-9 (Eng. Abstr.) **(Dut)**

[Finnish registry for familial colonic adenomatosis] Järvinen H, et al. **Duodecim** 1984;100(18):1158-65 (Eng. Abstr.) **(Fin)**

[Registers and research] Rumeau-Rouquette C, et al. **Prog Clin Biol Res** 1985;163B:23-6 **(Fre)**

[Cancer on the Island of Reunion: results of a survey preliminary to the creation of a tumor registry] Julvez J, et al. **Rev Epidemiol Sante Publique** 1985;33(1):39-42 (Eng. Abstr.) **(Fre)**

[Schizophrenia research using psychiatric case registries] Häfner H, et al. **Fortschr Neurol Psychiatr** 1985 Aug;53(8):273-90 (Eng. Abstr.) **(Ger)**

[Significance of age, sex, kidney function, atopy and number of prescriptions for the occurrence of adverse drug reactions, studied by multivariate statistical methods. Results from the Comprehensive Hospital Drug Monitoring Berne (CHDMB)] Hoigné R, et al. **Schweiz Med Wochenschr** 1984 Dec 8;114(49):1854-7 (Eng. Abstr.) **(Ger)**

[Development of a clinical tumor registry using the DATACORD program package] Nüsslin F, et al. **Strahlentherapie** 1985 Mar;161(3):157-62 (Eng. Abstr.) **(Ger)**

[Illustrations of new cases of cancer at various sites, obtained from reports at various clinics] Staneczek W. **Z Arztl Fortbild (Jena)** 1985;79(6):231-8 **(Ger)**

[Classification of epidemiologic indices of recurrent diseases in an evaluation model for the analysis of disease registers exemplified by disease status] Scholz RD, et al. **Z Gesamte Hyg** 1985 Jan;31(1):59-61 (Eng. Abstr.) **(Ger)**

[Proposal for a registry of cardiovascular diseases in the North Milan area] Carreri V, et al. **Med Lav** 1985 Mar-Apr;76(2):138-43 (Eng. Abstr.) **(Ita)**

[Results of registration of gynecologic malignant neoplasms in Shizuoka Prefecture--evaluation for one and a half years] Hayata T, et al. **Gan No Rinsho** 1985 Feb;31(2):179-84 (Eng. Abstr.) **(Jpn)**

[The 25th annual report of the Uterine Cancer Registry Committee. Results of the treatment of uterine cancer during 1968-1977] **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct;36(10):1977-2045 **(Jpn)**

[Monitoring trends in cardiovascular disease incidence and mortality and their determinants: 'Pol-Monica' longitudinal study. V. Stroke register--methodology and application] Rywik S, et al. **Przegl Lek** 1985;42(2):299-304 (Eng. Abstr.) **(Pol)**

[Monitoring trends in cardiovascular disease incidence and mortality and their determinants: 'Pol-Monica' longitudinal study. IV. Myocardial infarction register--methodology and application] Rywik S, et al. **Przegl Lek** 1985;42(2):287-98 (Eng. Abstr.) **(Pol)**

[Status of the compulsory registration of schistosomiasis in Greater São Paulo (Brazil) from 1982 to 1983] Bezerra IA. **Rev Saude Publica** 1984 Oct;18(5):386-95 (Eng. Abstr.) **(Por)**

[The role of clinical genetics units in the development of a central registry of genetic diseases] Sršeň S, et al. **Bratisl Lek Listy** 1985 Jun;83(6):683-8 **(Slo)**

[Registries of renal patients: a new perspective] Morlans M. **Med Clin (Barc)** 1984 Dec 1;83(18):756-8 **(Spa)**

[9 years of the Cancer Register of Panamá] Valdés PF. **Rev Med Panama** 1985 Jan;10(1):23-6 (Eng. Abstr.) **(Spa)**

ORGANIZATION & ADMINISTRATION

[Clinical cancer documentation of the Central Institute for Cancer Research of the Academy of Sciences of the German Democratic Republic, Berlin-Buch--tasks, organization and usefulness] Kluge E, et al. **Arch Geschwulstforsch** 1985;55(4):265-78 (Eng. Abstr.) **(Ger)**

STANDARDS

Registration requirements within the German Federal Health Office. Lingk W. **Food Chem Toxicol** 1985 Feb;23(2):179-81

Undernotification of diagnosed cancer cases to the Stockholm Cancer Registry. Mattsson B, et al. **Int J Epidemiol** 1985 Mar;14(1):64-9

The quality of notification of congenital malformations. Knox EG, et al. **J Epidemiol Community Health** 1984 Dec;38(4):296-305

Staging errors in prostatic cancer. Ray P, et al. **J Urol** 1984 Dec;132(6):1125-6

Comparison of occupations recorded at cancer registration and death. Balarajan R. **Public Health** 1985 May;99(3):169-73

Some aspects on validity of breast cancer, pancreatic cancer and lung cancer registration in Swedish official statistics. Mattsson B, et al. **Radiother Oncol** 1985 Aug;4(1):63-70

REGRESSION ANALYSIS

Re: 'Interpreting multiple logistic regression coefficients in prospective observational studies' [letter] **Am J Epidemiol** 1985 Aug;122(2):348-54

Re: 'Estimating odds ratios with categorically scaled covariates in multiple logistic regression analysis' [letter] **Am J Epidemiol** 1985 Mar;121(3):476-8

Logistic regression in survival analysis. Abbott RD. **Am J Epidemiol** 1985 Mar;121(3):465-71

Epidemiologic programs for computers and calculators. Use of Poisson regression models in estimating incidence rates and ratios. Frome EL, et al. **Am J Epidemiol** 1985 Feb;121(2):309-23

Applications of microcomputer spreadsheet packages as adjuncts to multiple logistic regression analysis. Lemeshow S, et al. **Am J Epidemiol** 1985 Oct;122(4):710-6

Multiple regression for physiological data analysis: the problem of multicollinearity. Slinker BK, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R1-12

Weighted regression analyses found incorrect [letter] Markush RE. **Am J Public Health** 1985 Apr;75(4):413

Deming's regression analysis in method comparison studies [letter] Payne RB. **Ann Clin Biochem** 1985 Jul;22 (Pt 4):430

Linear regressions in the calculation of lethal gene equivalents in man. Bittles AH, et al. **Ann Hum Biol** 1985 May-Jun;12(3):287-9

A multiple regression equation for prediction of posthepatectomy liver failure. Yamanaka N, et al. **Ann Surg** 1984 Nov;200(5):658-63

Approximate case influence for the proportional hazards regression model with censored data. Cain KC, et al. **Biometrics** 1984 Jun;40(2):493-9

Properties of proportional-hazards score tests under misspecified regression models. Lagakos SW, et al. **Biometrics** 1984 Dec;40(4):1037-48

Difficulties with regression analyses of age-adjusted rates. Rosenbaum PR, et al. **Biometrics** 1984 Jun;40(2):437-43

Regression analysis of nonlinear Arrhenius plots: an empirical model and a computer program. Duggleby RG. **Comput Biol Med** 1984;14(4):447-55

A BASIC computer program for evaluating the effect of sample distribution on the least-squares regression slope estimate. Parvin CA. **Comput Biomed Res** 1985 Apr;18(2):114-20

GFREG: a computer program for maximum likelihood regression using the Generalized F distribution. Hogg SA, et al. **Comput Methods Programs Biomed** 1985 Jul;20(2):201-15

A regression approach to the analysis of data arising from cluster randomization. Donner A. **Int J Epidemiol** 1985 Jun;14(2):322-6

Regression analysis of data with correlated errors: an example from the NHLBI twin study. Fabsitz R, et al. **J Chronic Dis** 1985;38(2):165-70

A comparison of the logistic risk function and the proportional hazards model in prospective epidemiologic studies [letter] Hauck WW. **J Chronic Dis** 1985;38(1):125-6

Problems with linear regression analysis of pharmacological and biochemical data [letter] Maes FW. **J Theor Biol** 1984 Dec 21;111(4):817-9

The utility of synthetic and regression estimation. Techniques for local health planning. MacKenzie EJ, et al. **Med Care** 1985 Jan;23(1):1-13

Non-linear regression techniques in data analysis. Cunningham VJ. **Med Inf (Lond)** 1985 Apr-Jun;10(2):137-42

Regression analysis in physiological research: some comments on the problem of repeated measurements. Donner A, et al. **Med Sci Sports Exerc** 1984 Aug;16(4):422-5

Goodness of fit methods for the proportional hazards regression model: a review. Kay R. **Rev Epidemiol Sante Publique** 1984;32(3-4):185-98

Testing the proportional hazards regression model against some general alternatives. O'Quigley J, et al. **Rev Epidemiol Sante Publique** 1984;32(3-4):199-205

An application of ridge regression analysis in the study of syphilis data. Hadgu A. **Stat Med** 1984 Jul-Sep;3(3):293-9

[Logistic regression model and its application to case-control studies] Yu SL, et al. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Jul;18(4):217-22 (Eng. Abstr.) **(Chi)**

[The effect of the non specific binding on the linear regression analysis of RIA data] Arita S, et al. **Rinsho Byori** 1984 Sep;32(9):1007-12 **(Jpn)**

[Use of regression analysis and elements of differential calculus in functional-morphologic studies] Vinogradov SIu. **Arkh Anat Gistol Embriol** 1984 Aug;87(8):74-81 **(Rus)**

REGRESSION (PSYCHOLOGY)

A spontaneous catatonic-like reaction associated with hypnotic regression: a brief case report. Kornfeld AD. **Am J Clin Hypn** 1985 Jan;27(3):180-2

The two-way street: aspects of regression in psychotherapy with aging patients. Bienenfeld D. **Am J Psychother** 1985 Jan;39(1):86-94

Hypnotic regression and reframing in the treatment of insect phobias. Domangue BB. **Am J Psychother** 1985 Apr;39(2):206-14

Surface dyslexia: a regression effect? Prior M, et al. **Brain Lang** 1985 May;25(1):52-71

Measuring regression in hospitalized medical patients: the BUMP scale. Zeldow PB, et al. **Gen Hosp Psychiatry** 1985 Jan;7(1):49-53

The developmental course of defense mechanisms in later life. Shenfeld ME. **Int J Aging Hum Dev** 1984-85;19(1):55-71

Hypnotic age regression and the importance of assessing interpersonally relevant affect. Nash MR, et al. **Int J Clin Exp Hypn** 1985 Jul;33(3):224-35

Regression in group therapy: a negative view. Weiner MF. **Int J Group Psychother** 1985 Apr;35(2):209-24

Psychoanalytic concepts in the general hospital and the transference cure. Saravay SM. **Int J Psychoanal Psychother** 1984-85;10:549-66

Psychological concepts in the care of intensive care unit patients. Eisendrath SJ. **Int J Psychosom** 1984;31(3):8-14

Infantile autism with speech loss before the age of thirty months. Kurita H. **J Am Acad Child Psychiatry** 1985 Mar;24(2):191-6

Spontaneous hypnotic age regression: case report. Spiegel D, et al. **J Clin Psychiatry** 1984 Dec;45(12):522-4

Hypnotic age regression and moral reasoning. Page RA. **J Psychol** 1985 Jan;119(1):71-80

The purchase of regression. Swanson DW. **Perspect Biol Med** 1985 Winter;28(2):243-50

Regression in the hospital large group: therapeutic implications. Firth ST. **Psychiatr J Univ Ottawa** 1985 Jun;10(2):81-6

Isakower-like experience on the couch: a contribution to the psychoanalytic understanding of regressive ego phenomena. Richards AD. **Psychoanal Q** 1985 Jul;54(3):415-34

Progression, regression, and child analytic technique. Silverman MA. **Psychoanal Q** 1985 Jan;54(1):1-19

PSYCHOLOGY

A case that throws light on the mechanism of regression in schizophrenia: Helene Deutsch. **Psychoanal Rev** 1985 Spring;72(1):1-8

REGULATION OF GENE EXPRESSION see **GENE EXPRESSION REGULATION**

REGURGITATION, AORTIC VALVE see **AORTIC VALVE INSUFFICIENCY**

REGURGITATION, GASTRIC see **GASTROESOPHAGEAL REFLUX**

REHABILITATION

see related

DISABILITY EVALUATION
HALFWAY HOUSES

Is total communication enough? The hidden curriculum. Champie J. **Am Ann Deaf** 1984 Jun;129(3):317-8

Conceptual sign language as a bridge between English and Spanish. Christensen KM. **Am Ann Deaf** 1985 Jul;130(3):244-9

Total communication effects--a longitudinal study of a school for the deaf in transition. Delaney M, et al. **Am Ann Deaf** 1984 Dec;129(6):481-6

Mothers learning simultaneous communication: the dimensions of the task. Swisher MV, et al. **Am Ann Deaf** 1985 Jul;130(3):212-7

Purposeful activity in motor learning theory: an event approach to motor skill acquisition. Gliner JA. **Am J Occup Ther** 1985 Jan;39(1):28-34

An independent living skills training program. Neistadt ME, et al. **Am J Occup Ther** 1984 Oct;38(10):671-6

A one-year follow-up of patients discharged from geriatrics and general medical units in Wales. Victor CR, et al. **Arch Gerontol Geriatr** 1985 Jul;4(2):117-24

Recognizing the challenges of prevention in rehabilitation. Devellis RF, et al. **Arch Phys Med Rehabil** 1985 Jan;66(1):52-4

Grant application and review procedures of the National Institute of Handicapped Research: survey of applicant and peer reviewer opinions. Fuhrer MJ, et al. **Arch Phys Med Rehabil** 1985 May;66(5):318-21

Communication augmentation systems: quantification in natural settings. Lossing CA, et al. **Arch Phys Med Rehabil** 1985 Jun;66(6):380-3

PULSES profile in retrospect. Moskowitz E. **Arch Phys Med Rehabil** 1985 Sep;66(9):647-8

The 34th John Stanley Coulter memorial lecture. The interdisciplinary process: is it a chimera for clinical practice and for the ACRM? Rothberg JS. **Arch Phys Med Rehabil** 1985 Jun;66(6):343-7

Skill evaluator and trainer for electrically operated devices: an evaluation of the SET. Seeger BR, et al. **Arch Phys Med Rehabil** 1985 Jun;66(6):387-90

Professional responsibility. Szumski AJ. **Arch Phys Med Rehabil** 1985 Apr;66(4):209-11

Rehabilitation engineering. Kenedi RM. **Australas Phys Eng Sci Med** 1984 Jul-Sep;7(3):99-101

Rehabilitation engineering: the perceived needs from a physician's viewpoint. Smith DS. **Australas Phys Eng Sci Med** 1984 Jul-Sep;7(3):102-3

Introduction and a look at some short term orthopaedic rehabilitation. Gloag D. **Br Med J [Clin Res]** 1985 Jan 5;290(6461):43-6

Severe disability: 2--Residential care and living in the community. Gloag D. **Br Med J [Clin Res]** 1985 Feb 2;290(6465):368-72

Needs and opportunities in rehabilitation. Aids and the environment. Gloag D. **Br Med J [Clin Res]** 1985 Jan 19;290(6463):220-3

Severe disability: 1--Tasks of rehabilitation. Gloag D. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):301-3

Rehabilitation of the elderly: 2--Mind and body. Gloag D. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):542-4

Consultants in rehabilitation medicine [letter] McLellan DL, et al. **Br Med J [Clin Res]** 1985 May 18;290(6480):1514

The handicapped child. Vamadevan S. **Ceylon Med J** 1983 Dec;28(4):257-62

Teaching social skills: evaluation of an 'independence week'. Macredie T, et al. **Child Care Health Dev** 1984 May-Jun;10(3):181-8

Acquiring language through total communication. Thompson MD, et al. **Ear Hear** 1985 Jan-Feb;6(1):29-32

Doctors helping doctors. Morrow CK. **Hastings Cent Rep** 1984 Dec;14(6):32-8

Rehab program brings patients to life on 'Easy Street'. **Hospitals** 1985 Aug 16;59(16):122

Selected book publications on rehabilitation and related fields. **Int J Rehabil Res** 1984;7(4):476-84

Journal articles on rehabilitation research. **Int J Rehabil Res** 1984;7(4):459-75

An evaluation of the referral and rehabilitation process among the minority handicapped. Baldwin CH, et al. **Int J Rehabil Res** 1984;7(3):299-315

Outcome of comprehensive medical rehabilitation: an analysis based upon the impairment, disability, and handicap model. Granger CV. **Int Rehabil Med** 1985;7(2):45-50

Paediatric rehabilitation. Holt KS. **Int Rehabil Med** 1985;7(1):9-10

Use of controlling language in the rehabilitation of the elderly. Lanceley A. **J Adv Nurs** 1985 Mar;10(2):125-35

Sexual habilitation of youngsters with chronic illness or disabling conditions. Evans J, et al. **J Allied Health** 1985 Feb;14(1):79-87

An alternating treatments comparison of oral and total communication training with minimally verbal retarded children. Sisson LA, et al. **J Appl Behav Anal** 1984 Winter;17(4):559-66

Comments for a new generation of rehabilitation engineers. Foort J. **J Rehabil Res Dev** 1985 Jan;22(1):2-8

Rehabilitation medicine. Its time has come [editorial] Soric R, et al. **Postgrad Med** 1985 Jun;77(8):13-4, 18

Psychological impact of sport on disabled athletes. Valliant PM, et al. **Psychol Rep** 1985 Jun;56(3):923-9

Computer accessibility: a study. Bowe F, et al. **Rehabil Lit** 1984 Sep-Oct;45(9-10):289-91

The emperor's new clothes: a preppy pilot. Matkin RE, et al. **Rehabil Lit** 1985 Jan-Feb;46(1-2):12-5

REACH for a difference--in the way you live: guidelines for disabled adolescents. Warren RD. **Rehabil Lit** 1984 Sep-Oct;45(9-10):274-81

Disability research and policy. New PK. **Soc Sci Med** 1984;19(6):585-6

[The possibilities of rehabilitation. A 5-year follow-up of rehabilitation patients] Hove E. **Ugeskr Laeger** 1985 Mar 11;147(11):982-4 (Eng. Abstr.) **(Dan)**

[The future of rehabilitation clinics] Olesen EP. **Ugeskr Laeger** 1985 Mar 11;147(11):977-81 (Eng. Abstr.) **(Dan)**

[The motor handicapped] Ben Hamida M, et al. **Tunis Med** 1985 Apr;63(4):251-88 **(Fre)**

[Rehabilitation: a concern of the multidisciplinary team] Jacques A. **Union Med Can** 1984 Oct;113(10):870-5 (Eng. Abstr.) **(Fre)**

[Rehabilitation of the handicapped caught between content programming and economic justification] Heier D. **Rehabilitation (Stuttg)** 1984 Nov;23(4):140-7 (Eng. Abstr.) **(Ger)**

[Bildschirmtext-Btx (the interactive videotex information system of the West German Postal Service): a medium for rehabilitation? Decision-making aids for the user] Herbert H. **Rehabilitation (Stuttg)** 1984 Nov;23(4):155-9 (Eng. Abstr.) **(Ger)**

[Sports for the disabled and the rehabilitation physician] Ohry A. **Harefuah** 1984 Aug;107(3-4):95-7 **(Heb)**

[Social integration of the disabled worker] Vidali U. **G Ital Med Lav** 1984 Jan-Mar;6(1-2):11-3 (Eng. Abstr.) **(Ita)**

ECONOMICS

Day hospital rehabilitation--effectiveness and cost in the elderly: a randomised controlled trial. Tucker MA, et al. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1209-12

Integrating disabled Canadians--are we ready? Symington D. **Dimens Health Serv** 1984 Nov;61(11):12-4

Youth with disability. The transition years. Opening remarks. Will MC. **J Adolesc Health Care** 1985 Mar;6(2):79-83

EDUCATION

Educational goals and objectives in physical medicine and rehabilitation for the medical school graduate [editorial] Demopoulos JT. **Arch Phys Med Rehabil** 1985 Jan;66(1):1-2

Rehabilitative rheumatology content in current rehabilitation medicine training programs. Hicks JE, et al. **Arch Phys Med Rehabil** 1985 Sep;66(9):631-3

The time is now: education and organisation of services. Gloag D. **Br Med J [Clin Res]** 1985 May 4;290(6478):1333-6

INSTRUMENTATION

Whither the rehabilitation equipment industry? Radcliffe DF. **Australas Phys Eng Sci Med** 1984 Oct-Dec;7(4):161-5

The new evaluation unit of the Veterans Administration's Rehabilitation Research and Development Service. Reswick JB. **J Rehabil Res Dev** 1985 Jan;22(1):31-6

LEGISLATION & JURISPRUDENCE

Legal recourse for the cancer patient-returnee: the Rehabilitation Act of 1973. Sigel CJ. **Am J Law Med** 1984 Fall;10(3):309-21

METHODS

Self-directed learning and medical rehabilitation: a comparison. Currie DM. **Arch Phys Med Rehabil** 1985 Jul;

66(7):454-6

Statistical methods in rehabilitation research. Wainapel SF, et al. **Arch Phys Med Rehabil** 1985 May;66(5):322-4

Riding and the handicapped. Biery MJ. **Vet Clin North Am [Small Anim Pract]** 1985 Mar; 15(2):345-54

[Forgotten rehabilitation] Falck I. **Rehabilitation (Stuttg)** 1985 Feb;24(1):9-11 (Eng. Abstr.) **(Ger)**

[Rehabilitation instead of resignation. Must the nursing home be the end station?] Mäurer HC. **Rehabilitation (Stuttg)** 1985 Feb;24(1):1-5 (Eng. Abstr.) **(Ger)**

[Are patients in geriatric clinics rehabilitated?] Schneider HD. **Rehabilitation (Stuttg)** 1985 Feb;24(1):12-9 (Eng. Abstr.) **(Ger)**

ORGANIZATION & ADMINISTRATION

Rehabilitation of the elderly: 1--Settings and services. Gloag D. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):455-7

Day rehab program proves cost effective. **Hospitals** 1984 Oct 16;58(20):60

PSYCHOLOGY

Social adjustment in rehabilitation. Collis M, et al. **Int J Rehabil Res** 1984;7(3):259-72

TRENDS

Preparing for the 1990's: a challenge to the specialty of PM&R. Lane ME. **Arch Phys Med Rehabil** 1984 Nov; 65(11):740-1

Prospects in rehabilitation [editorial] Chamberlain MA. **Br Med J [Clin Res]** 1985 May 18;290(6480):1449-50

Working to restore and develop abilities offers unique challenge [news] Glasbrenner K. **JAMA** 1985 Jul 12; 254(2):187-9

Disability dilemmas and rehabilitation tensions: a twentieth century inheritance. Greenwood JG. **Soc Sci Med** 1985; 20(12):1241-52

[Rehabilitation: problems and prospects (rehabilitative rheumatology)] Consoli G. **G Ital Med Lav** 1983 Sep; 5(5):233-8 **(Ita)**

[Principles of current physical therapy] Bogoliubov VM, et al. **Klin Med (Mosk)** 1984 Aug;62(8):5-9 **(Rus)**

[Improving medical rehabilitation services in a large city] Zhuravleva KI, et al. **Sov Med** 1984;(7):75-9 **(Rus)**

[Several contemporary trends in studies on social rehabilitation in the USA] Kolb LK. **Zh Nevropatol Psikhiatr** 1984;84(8):1248-50 **(Rus)**

UTILIZATION

[Sports and exercise therapy in rehabilitation--an empirical survey of requirements for sport teachers] Schüle K, et al. **Off Gesundheitswes** 1984 Dec;46(12):603-7 **(Ger)**

REHABILITATION CENTERS

Day hospital service in rehabilitation medicine: an evaluation. Cummings V, et al. **Arch Phys Med Rehabil** 1985 Feb; 66(2):86-91

Rehabilitation of patients with cardiac conditions. Gloag D. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):617-20

Urinary tract infections in an American rehabilitation hospital. Flaherty PJ, et al. **J Hosp Infect** 1984 Dec;5 Suppl A:75-80

'Sarah Kubitschek' Rehabilitation Center. Staheli LT. **J Pediatr Orthop** 1985 Jul-Aug;5(4):502-6

[The future of rehabilitation clinics] Olesen EP. **Ugeskr Laeger** 1985 Mar 11;147(11):977-81 (Eng. Abstr.) **(Dan)**

[Institutionalized cardiovascular rehabilitation] Jaggi CP. **Rev Med Suisse Romande** 1984 Oct;104(10):831-9 **(Fre)**

[Aid for physically handicapped children: 5-year experience with a collection facility] Röper I, et al. **Rehabilitation (Stuttg)** 1984 Aug;23(3):117-9 (Eng. Abstr.) **(Ger)**

[A rehabilitation complex--the hotel station. An ambulatory rehabilitation program for very severely disabled persons] Presber W, et al. **Z Gesamte Hyg** 1984 Nov;30(11):631-4 (Eng. Abstr.) **(Ger)**

[Rehabilitation: problems and prospects (rehabilitative rheumatology)] Consoli G. **G Ital Med Lav** 1983 Sep; 5(5):233-8 **(Ita)**

[Experience with the restorative treatment of locomotor injuries at an outpatient rehabilitation center] Balakina VS, et al. **Vestn Khir** 1984 Oct;133(10):107-10 (Eng. Abstr.) **(Rus)**

ECONOMICS

Diagnostic Related Groups (DRGs) and rehab medicine in the Veterans Administration. Delisa JA. **Arch Phys Med Rehabil** 1985 Feb;66(2):125

Eliminating drug abuse exemption sparks concern among providers [news] **Hospitals** 1985 Jul 16;59(14):62-5, 68

MANPOWER

The relationship of rehabilitation center staff and client endorsement of appropriate client behaviors to outcome. Cook DW. **Int J Rehabil Res** 1984;7(2):143-9

ORGANIZATION & ADMINISTRATION

Rehabilitation of the disabled adolescent: experience with a local authority assessment centre. Newton P, et al. **Br Med J [Clin Res]** 1985 Aug 24;291(6494):521-4

The satellite clinic: a model for the treatment of handicapped children in towns and rural areas. Steel KO, et al. **Dev Med Child Neurol** 1985 Jun;27(3):355-63

Gold Award: individualized treatment for substance abusers. Alcohol and Drug Abuse Unit, Southeast Louisiana Hospital, Mandeville, Louisiana. **Hosp Community Psychiatry** 1984 Nov;35(11):1141-4

Cardiac rehab centers: outpatient growth areas. **Hospitals** 1985 Jun 1;59(11):44

Market analysis reveals rehab program potential. Tanner SE, et al. **Hospitals** 1985 Jun 1;59(11):65-6

[Development and objectives of rehabilitation camps] Stańczak T. **Psychiatr Pol** 1984 Jul-Aug;18(4):349-54 (Eng. Abstr.) **(Pol)**

[Organization of rehabilitation treatment of traumatologic patients] Balakina VS. **Ortop Travmatol Protez** 1984 Dec; (12):29-32 **(Rus)**

[Activities of the rehabilitation department of a pediatric polyclinic] Kilina MM, et al. **Pediatriia** 1984 Sep;(9):65-6 **(Rus)**

[Improving medical rehabilitation services in a large city] Zhuravleva KI, et al. **Sov Med** 1984;(7):75-9 **(Rus)**

[Organization of rehabilitative treatment for children in polyclinics] Ivannikova NV, et al. **Sov Zdravookhr** 1984; (11):51-3 **(Rus)**

[Organization of out-patient rehabilitation treatment in a large city] Miniaev VA, et al. **Sov Zdravookhr** 1984;(5):15-9 **(Rus)**

STANDARDS

Environment and treatment: methodological notes on program evaluation and institutional culture. Watson W. **Soc Sci Med** 1984;19(6):629-34

REHABILITATION, VOCATIONAL

see related
EMPLOYMENT
SHELTERED WORKSHOPS

Three frames of reference in work-related occupational therapy programs. Creighton C. **Am J Occup Ther** 1985 May;39(5):331-4

The role of the occupational therapist-work evaluator. Holmes D. **Am J Occup Ther** 1985 May;39(5):308-13

Vocational rehabilitation of the older worker. Kemp B, et al. **Am J Occup Ther** 1985 May;39(5):322-6

Prediction of rehabilitation status of young adults with cystic fibrosis. Goldberg RT, et al. **Arch Phys Med Rehabil** 1985 Aug;66(8):492-5

Computer vocations for severely physically disabled persons: survey results. Stride BD. **Arch Phys Med Rehabil** 1985 Aug;66(8):505-7

Occupational rehabilitation and return to work: 1--General services. Gloag D. **Br Med J [Clin Res]** 1985 Apr 13; 290(6475):1135-8

Determinants of work capability and employment after coronary artery surgery. Misra KK, et al. **Eur Heart J** 1985 Feb;6(2):176-80

Directions in vocational services for moderately retarded persons in Newfoundland and Labrador. Hillier CR, et al. **Except Child** 1984 Oct;51(2):176-81

Training the disabled for income generating activities. Lockwood D. **G Ital Med Lav** 1984 Jan-Mar;6(1-2):15-9

The work of adjustment groups in adapting the workplace to the disabled. Friberg M. **Int J Rehabil Res** 1984; 7(2):183-8

The vocational development of mentally handicapped young people. Turner A. **Int J Rehabil Res** 1984;7(2):216

Teaching social/vocational skills to retarded adults with a modified table game: an analysis of generalization. Foxx RM, et al. **J Appl Behav Anal** 1984 Fall;17(3):343-52

Teaching job independence and flexibility to mentally retarded students through the use of a self-control package. Sowers J, et al. **J Appl Behav Anal** 1985 Spring;18(1):81-5

Rehabilitation of patients on recurrent haemodialysis. Suleiman AB, et al. **Med J Malaysia** 1984 Mar;39(1):59-64

Disability: the view from social policy. Coudroglou A. **Rehabil Lit** 1984 Nov-Dec;45(11-12):358-61

Vocational rehabilitation: a USA/UK cross-cultural perspective. Croxen M, et al. **Rehabil Lit** 1984 Nov-Dec; 45(11-12):370-4

Reconceptualizing disability: a political science perspective. Hahn H. **Rehabil Lit** 1984 Nov-Dec;45(11-12):362-5, 374

The phenomenology of disability: implications for vocational rehabilitation. Roth W, et al. **Rehabil Lit** 1984 Nov-Dec; 45(11-12):366-9

Ideologies of clinical and ecological models. Stubbins J, et al. **Rehabil Lit** 1984 Nov-Dec;45(11-12):349-53 (15 ref.)

Vocational rehabilitation as social science. Stubbins J. **Rehabil Lit** 1984 Nov-Dec;45(11-12):375-80

[Socioprofessional integration of the handicapped in Tunisia] Nasraoui M. **Tunis Med** 1985 Apr;63(4):312-5 **(Fre)**

[Difficulties in the daily work of the Medical Examiner Service] Wutz J. **Off Gesundheitswes** 1985 Apr;47(4):145-8 **(Ger)**

[Occupational adjustment of non-educable, productive handicapped adolescents] Berger K, et al. **Z Gesamte Hyg** 1985 Apr;31(4):254-6 (Eng. Abstr.) **(Ger)**

[Determination of performance ability of rehabilitation patients from the viewpoint of the district rehabilitation commission] Herrfurth R, et al. **Z Gesamte Hyg** 1985 Feb; 31(2):124-5 (Eng. Abstr.) **(Ger)**

[Use of a special mechanization device--possibilities for patients with decreased efficiency and for rehabilitation patients] Renker U, et al. **Z Gesamte Hyg** 1984 Nov; 30(11):635-7 (Eng. Abstr.) **(Ger)**

[Rehabilitation of the worker with bronchopneumopathy] Donner CF, et al. **G Ital Med Lav** 1984 Jan-Mar; 6(1-2):51-9 (Eng. Abstr.) **(Ita)**

[Rehabilitation of the worker with heart disease] Giannuzzi P, et al. **G Ital Med Lav** 1984 Jan-Mar;6(1-2):41-50 (Eng. Abstr.) **(Ita)**

[Neurological rehabilitation of the hemiplegic worker] Pinelli P. **G Ital Med Lav** 1984 Jan-Mar;6(1-2):61-6 (Eng. Abstr.) **(Ita)**

[Rehabilitation of workers with amputated limbs] Schmidl H. **G Ital Med Lav** 1984 Jan-Mar;6(1-2):21-6 (Eng. Abstr.) **(Ita)**

[Importance of rehabilitation in the evaluation of personal injury] Vizza G. **G Ital Med Lav** 1984 Jan-Mar; 6(1-2):27-31 (Eng. Abstr.) **(Ita)**

[Inhouse occupational rehabilitation. Experience of 2 years of inhouse occupational rehabilitation in a municipality] Hemmingsen B. **Tidsskr Nor Laegeforen** 1984 Aug 20; 104(23):1511-5 (Eng. Abstr.) **(Nor)**

[Various factors influencing patients' return to occupational activities after myocardial infarction; their effect on the recurrence of infarction and mortality] Parczewska T, et al. **Pol Tyg Lek** 1984 Dec 10;39(50):1669-72 (39 ref.) **(Pol)**

[Prolonged vocational rehabilitation of severely mentally retarded students in trade schools] Pilecka O. **Psychiatr Pol** 1984 Sep-Oct;18(5):439-43 (Eng. Abstr.) **(Pol)**

[Vocational rehabilitation as a problem in industrial physiology and hygiene] Donskaia LV, et al. **Gig Tr Prof Zabol** 1985 Mar;(3):15-9 (Eng. Abstr.) **(Rus)**

[Medical and socio-vocational rehabilitation of patients with traumatic cataracts] Chudniavtseva NA. **Oftalmol Zh** 1984; (4):199-203 (Eng. Abstr.) **(Rus)**

[Basic aspects of medicosocial rehabilitation in crystalline lens injuries] Libman ES. **Oftalmol Zh** 1984;(4):196-9 (Eng. Abstr.) **(Rus)**

[Organization of restorative treatment in the medicosocial rehabilitation of persons with monocular cataract] Makarov PG, et al. **Oftalmol Zh** 1984;(4):208-9 (Eng. Abstr.) **(Rus)**

[Using residual work capacity after hand injuries] Solovei AK. **Ortop Travmatol Protez** 1984 Aug;(8):50-4 (Eng. Abstr.) **(Rus)**

[Vocational rehabilitation of rural patients with tuberculosis in a sanatorium] Agzamov RA, et al. **Probl Tuberk** 1984 Dec;(12):7-9 (Eng. Abstr.) **(Rus)**

[Vocational rehabilitation of patients with reactivation of pulmonary tuberculosis] Kolesnikov VV. **Probl Tuberk** 1984 Oct;(10):7-9 (Eng. Abstr.) **(Rus)**

[Disability dynamics and specialized employment of osteoarthrosis deformans patients] Tarasov AN, et al. **Ter Arkh** 1985;57(1):93-6 (Eng. Abstr.) **(Rus)**

[Social and vocational rehabilitation of the visually handicapped living in a rural locality] Ermilova LK, et al. **Vestn Oftalmol** 1984 Sep-Oct;(5):61-3 **(Rus)**

[Tasks of the division for counseling within the framework of the medical field of work capacity evaluation] Lacho L. **Cesk Zdrav** 1984 Sep;32(8-9):356-60 (Eng. Abstr.) **(Slo)**

ECONOMICS

The economist and rehabilitation. Berkowitz M. **Rehabil Lit** 1984 Nov-Dec;45(11-12):354-7

HISTORY

The concept of work in occupational therapy: a historical review. Harvey-Krefting L. **Am J Occup Ther** 1985 May; 39(5):301-7

Looking back. Marshall EM. **Am J Occup Ther** 1985 May; 39(5):297-300

The human sciences and clinical methods: an historical perspective. Goldberg RT. **Rehabil Lit** 1984 Nov-Dec; 45(11-12):340-4

METHODS

Teaching janitorial skills to autistic adolescents. Durán E. **Adolescence** 1985 Spring;20(77):225-32

Alcohol and work: 'policies' are not enough. Tether P, et al. **Alcohol Alcohol** 1985;20(1):1-3

Work hardening: occupational therapy in industrial rehabilitation. Matheson LN, et al. **Am J Occup Ther** 1985 May;39(5):314-21

The multidisciplinary treatment plan: a format for enhancing activity therapy department involvement. Lang E, et al. **Hosp Community Psychiatry** 1985 Jan;36(1):62-8

Self-monitoring and work productivity with mentally retarded adults. Ackerman AM, et al. **J Appl Behav Anal** 1984 Fall;17(3):403-7

An analysis of a partial task training strategy for profoundly retarded institutionalized clients. Cipani E. **J Behav Ther Exp Psychiatry** 1985 Mar;16(1):49-55

Work-related outcomes of the constructive-confrontation strategy in a job-based alcoholism program. Trice HM, et al. **J Stud Alcohol** 1984 Sep;45(5):393-404

Competitive employment: teaching conversational skills to adults who are mentally retarded. Chadsey-Rusch J, et al. **Ment Retard** 1984 Oct;22(5):218-25

The role of employment in the rehabilitation of heroin addicts. Platt JJ, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1985;58:111-21

The employment of adults with spina bifida. Lonton AP, et al. **Z Kinderchir** 1984 Dec;39 Suppl 2:132-4

[Occupational rehabilitation of the adult. 1] Griefahn B. **Off Gesundheitswes** 1985 Feb;47(2):49-52 **(Ger)**

[Occupational rehabilitation of the adult--I] Griefahn B. **Off Gesundheitswes** 1985 Mar;47(3):130-3 **(Ger)**

[The computer work place for severely visually handicapped and blind patients] Gerhard E, et al. **Rehabilitation (Stuttg)** 1984 Aug;23(3):115-6 (Eng. Abstr.) **(Ger)**

[Work incapacity within the scope of rehabilitation] Häussler S. **Rehabilitation (Stuttg)** 1984 Aug;23(3):110-4 (Eng. Abstr.) **(Ger)**

[What has become of them? The careers of the physically handicapped--a model study] Stadler D. **Rehabilitation (Stuttg)** 1984 Aug;23(3):120-3 (Eng. Abstr.) **(Ger)**

[Qualification of elderly workers in industry--problems and opportunities] Friedrich W, et al. **Z Gerontol** 1984 Nov-Dec;17(6):315-20 (Eng. Abstr.) **(Ger)**

[Nonexerting work in selected operations of the VE construction industry of East Germany] Kummer R, et al. **Z Gesamte Hyg** 1984 Sep;30(9):526-8 (Eng. Abstr.) **(Ger)**

[Role of the sheltered workshop in rehabilitation] Uibe P, et al. **Z Gesamte Hyg** 1984 Nov;30(11):638-40 (Eng. Abstr.) **(Ger)**

[Effect of postponement of work therapy on rehabilitation--demonstrated by results in arm fractures] Wolf M, et al. **Z Gesamte Hyg** 1984 Nov;30(11):644-5 (Eng. Abstr.) **(Ger)**

[Value of inpatient rehabilitation measures following myocardial infarct] Mathes P. **Z Kardiol** 1984 Dec;73(12):740-7 (Eng. Abstr.) **(Ger)**

[Occupational and social rehabilitation of patients in an operative-traumatologic intensive care unit] von Hundelshausen B, et al. **Zentralbl Chir** 1984;109(20):1320-6 (Eng. Abstr.) **(Ger)**

PSYCHOLOGY

Schizophrenia and work. Cohen CI. **Hosp Community Psychiatry** 1984 Oct;35(10):1040-2

Motivation, vocational interests and job satisfaction of mentally retarded adults. Reiter S, et al. **Int J Rehabil Res** 1985;8(1):19-28

The effects of coronary bypass surgery on female sexual, psychological, and vocational adaptation. Althof SE, et al. **J Sex Marital Ther** 1984 Fall;10(3):176-84

Vocational adjustment patterns of alcohol and drug misusers following treatment. Waldo M, et al. **J Stud Alcohol** 1984 Nov;45(6):547-9

Vocational rehabilitation: a psychological perspective. Trieschmann RB. **Rehabil Lit** 1984 Nov-Dec;45(11-12):345-8

[Employment and earning capability in schizophrenic residual conditions] Velikonja M. **Lebensversicherungsmedizin** 1985 Jan 1;37(1):14, 16-8 **(Ger)**

[The need and actually successful work-related rehabilitation measures for first-admission psychiatric patients] Aschoff-Pluta R, et al. **Rehabilitation (Stuttg)** 1985 May;24(2):83-91 (Eng. Abstr.) **(Ger)**

[Integration of vocational rehabilitation into a comprehensive psychologic concept] Brackhane R. **Rehabilitation (Stuttg)** 1985 May;24(2):92-5 (Eng. Abstr.) **(Ger)**

[Role of the attitude to work in the rehabilitation of patients with breast cancer] Nikolaeva VV, et al. **Vopr Onkol** 1985;31(1):97-101 (Eng. Abstr.) **(Rus)**

TRENDS

New trends in vocational rehabilitation and employment of disabled persons. Cooper NE. **G Ital Med Lav** 1984 Jan-Mar;6(1-2):5-9

REIMBURSEMENT, HEALTH INSURANCE see **INSURANCE, HEALTH, REIMBURSEMENT**

REIMBURSEMENT, INCENTIVE see under **REIMBURSEMENT MECHANISMS**

REIMBURSEMENT MECHANISMS

Prospective reimbursement for state-of-the-art medical practice: the case for invasive electrophysiologic evaluation. Saksena S, et al. **Am J Cardiol** 1985 Apr 1;5[illegible](8):963-7

Medicare reimbursement for outpatient intravenous antibiotics [letter] **Am J Hosp Pharm** 1985 Aug;42(8):1712

Continuing a clinical pharmacokinetic dosing service under prospective pricing [letter] Appleby DH, et al. **Am J Hosp Pharm** 1985 Aug;42(8):1708, 1710

Reimbursement considerations about hospital outpatient dispensing [letter] Curtiss FR. **Am J Hosp Pharm** 1985 May;42(5):1046, 8

Antibiotic prophylaxis in surgery: historical background, rationale, and relationship to prospective payment. Westerman EL. **Am J Infect Control** 1984 Dec;12(6):339-43

Prospective pricing system and its effect on the principles and practice of infectious diseases. Turck M, et al. **Am J Med** 1985 Jun 28;78(6B):23-8

Nosocomial infections, diagnosis-related groups, and study on the efficacy of nosocomial infection control. Economic implications for hospitals under the prospective payment system. Wenzel RP. **Am J Med** 1985 Jun 28;78(6B):3-7

Charting for dollars. Hoke JL. **Am J Nurs** 1985 Jun;85(6):658-60

The industrialization of American psychiatry. Bittker TE. **Am J Psychiatry** 1985 Feb;142(2):149-54

Patient-predicted length of stay and diagnosis-related-group reimbursement. Mason JC, et al. **Am J Psychiatry** 1985 Mar;142(3):369-71

At Congress, HCFA Administrator Carolyne Davis told the future of the prospective payment system [interview by Susan S. Klann] Davis C. **AORN J** 1985 May;41(5):930-8

Will outpatient surgery programs come under prospective payment? Leap JM, et al. **AORN J** 1984 Oct;40(4):494-8

Hospital payment effects on acute inpatient care for mental disorders. Rupp A, et al. **Arch Gen Psychiatry** 1985 Jun;42(6):552-5

Do diagnosis-related groups accurately reflect the disease? Pancreatic pseudocyst: a case in point. Ephgrave K, et al. **Arch Surg** 1985 Jun;120(6):703-7

Impact of diagnosis-related group-based reimbursement for treatment of rheumatic diseases in a teaching hospital. Hartley RM, et al. **Arthritis Rheum** 1985 Aug;28(8):846-52

Will the DRG decimate clinical research? [editorial] Rabkin MT. **Clin Res** 1984 Sep;32(3):345-7

DRGs and the clinical investigator: federal perspective [editorial] Rubin RJ. **Clin Res** 1984 Sep;32(3):341-4

DRGs: putting the squeeze on your older patients? Champlin L. **Geriatrics** 1985 Jul;40(7):77-81

DRGs: the counterrevolution in financing health care. Dolenc DA, et al. **Hastings Cent Rep** 1985 Jun;15(3):19-29 (65 ref.)

The MD and the DRG. Morreim EH. **Hastings Cent Rep** 1985 Jun;15(3):30-8

Prospective payment: the next big policy disappointment? Aaron HJ. **Health Aff (Millwood)** 1984 Fall;3(3):102-7

Selected results from an evaluation of the New Jersey Diagnosis-Related Group System. May JJ, et al. **Health Serv Res** 1984 Dec;19(5):547-59

Hospital DRGs and the need for long-term care services: an empirical analysis. Meiners MR, et al. **Health Serv Res** 1985 Aug;20(3):359-84

Beyond gamesmanship: strategies for coping with prospective payment. Fogel BS, et al. **Hosp Community Psychiatry** 1985 Jul;36(7):760-3

The impact of Medicaid benefit design on length of hospital stay and patient transfers. Frank RG, et al. **Hosp Community Psychiatry** 1985 Jul;36(7):749-53

Prospective payment: the vital role of research [editorial] Frazier SH. **Hosp Community Psychiatry** 1985 Jul;36(7):701

Challenges in bringing exempt psychiatric services under a prospective payment system. Jencks SF, et al. **Hosp Community Psychiatry** 1985 Jul;36(7):764-9

Severity of illness and diagnostic formulation: classifying patients for prospective payment systems. Mezzich JE, et al. **Hosp Community Psychiatry** 1985 Jul;36(7):770-2

Prospective payment and psychiatric discharges from general hospitals with and without psychiatric units. Taube CA, et al. **Hosp Community Psychiatry** 1985 Jul;36(7):754-60

Eliminating drug abuse exemption sparks concern among providers [news] **Hospitals** 1985 Jul 16;59(14):62-5, 68

PPS/DRG scoreboard for insurers. **Hospitals** 1984 Oct 16;58(20):52

Public hospitals can survive PPS, cut LOS. **Hospitals** 1985 Jan 16;59(2):75-6

Donald Young, M.D.: assessing PPS [interview] **Hospitals** 1985 Jan 16;59(2):113-4

'An honest broker' for fine-tuning Medicare [interview] Altman S. **Hospitals** 1984 Oct 1;58(19):102-5

Hospitals and PPS: exemplary beginnings [interview] Davis C. **Hospitals** 1985 Mar 16;59(6):96-7

Under PPS, stringent controls needed in operating room. Fahey B, et al. **Hospitals** 1985 Jun 1;59(11):47-8

Occupational therapy use rises under PPS. Gray MS. **Hospitals** 1985 Jun 1;59(11):60-2

A PPS action plan for radiology managers. Joseph ED, et al. **Hospitals** 1984 Oct 16;58(20):89, 92-6

Washington in 1985: focus on saving Medicare. Lesparre M. **Hospitals** 1985 Jan 1;59(1):68-73

Medicare, tax dilemmas scrutinized at CBO [interview by Michael Lesparre] Penner R. **Hospitals** 1985 May 1;59(9):84-5

Critical care under PPS. Richards G. **Hospitals** 1985 May 1;59(9):66-8

Medical technology under PPS: an uncertain future. Roe WI. **Hospitals** 1985 Jan 16;59(2):88-92

Reimbursement for nosocomial infections under the prospective payment plan: the future or decline of infection control? Farber BF. **Infect Control** 1984 Sep;5(9):425-6

Electrophysiologic evaluation for recurrent tachycardias: a financially endangered technique? Saksena S. **Int J Cardiol** 1985 Apr;7(4):431-6

Method of payment and the cesarean birth rate in a hospital in northeast Brazil. Janowitz B, et al. **J Health Polit Policy Law** 1984 Fall;9(3):515-26

Health care problems in the 1980s: Part III. A new research agenda: incentive payments for urban physicians. Hester RD, et al. **J Natl Med Assoc** 1984 Oct;76(10):991-3

Durable medical equipment reimbursement changes. Wilson DK. **J Tenn Med Assoc** 1985 Jul;78(7):460-1

The impact of prospective payment on clinical research [editorial] Davis CK. **JAMA** 1985 Feb 1;253(5):686-7

The need for Diagnosis-Related Group 471. Protection for clinical research. Yarbro JW, et al. **JAMA** 1985 Feb 1;253(5):684-5

Hospital reimbursement schemes. Japan's point system and the United States' diagnosis-related groups. Abe MA. **Med Care** 1985 Sep;23(9):1055-66

Grading DRGs. Berki SE. **Med Care** 1984 Dec;22(12):1065-6

Implications of DRG payments for medical intensive care. Coulton CJ, et al. **Med Care** 1985 Aug;23(8):977-85

DRGs and elective surgery. What's best for the provider? What's best for the patient? Neuhauser D, et al. **Med Care** 1985 Feb;23(2):183-8

Physicians' perception of the prospective payment plan using DRGs. Kwon IW, et al. **Mo Med** 1985 Feb;82(2):67-70

Autopsy findings as a modifier of diagnosis-related group classification and hospital reimbursement. Heller J, et al. **Mt Sinai J Med (NY)** 1985 May;52(5):311-4

Technology acquisition under prospective payment [letter] Bourque DP. **N Engl J Med** 1984 Nov 1;311(18):1189-90

Implications of DRGs for clinicians. Omenn GS, et al. **N Engl J Med** 1984 Nov 15;311(20):1314-7

Is the teaching hospital an endangered species? Schwartz WB, et al. **N Engl J Med** 1985 Jul 18;313(3):157-62

Institutional responses to prospective payment based on diagnosis-related groups. Implications for cost, quality, and access. Stern RS, et al. **N Engl J Med** 1985 Mar 7;312(10):621-7

Analysis of the effects of applying federal diagnosis-related grouping (DRG) guidelines to a population of high-risk newborn infants. Poland RL, et al. **Pediatrics** 1985 Jul;76(1):104-9

Evaluating financial viability of clinical programs under prospective pricing. Barnard C. **QRB** 1985 Mar;11(3):81-6

Capitalizing on prospective reimbursement with a new utilization system. Falcone AR. **QRB** 1984 Oct;10(10):316-24

The effect of the prospective payment system on hospital QA/UR systems. Lipp CS. **QRB** 1984 Sep;10(9):283-7

The ICD-9-CM DRGs: increased homogeneity through use of AS-SCORE. Panniers TL, et al. **QRB** 1985 Feb;11(2):47-52

Prospective payment and the resurgence of quality. Schumacher DN. **QRB** 1984 Oct;10(10):298-303

A qualitative assessment of the Medicare prospective payment system. Broyles RW, et al. **Soc Sci Med** 1985;20(11):1185-90

Myths and maths of DRGs. Bradford CK. **Top Health Care Financ** 1985 Spring;11(3):72-7

Information systems implications of DRGs and prospective payment. Lemon RB. **Top Health Care Financ** 1985 Spring;11(3):59-62

Medical staff relations and physician practice in the DRG environment. McElwee JW. **Top Health Care Financ** 1985 Spring;11(3):22-7

Cost accounting strategies under prospective payment system. McSweeney JM, et al. **Top Health Care Financ** 1985 Spring;11(3):28-46

Upgrading financial planning and reporting in response to DRG requirements. Monroe RD, et al. **Top Health Care Financ** 1985 Spring;11(3):63-71

Medical records: a new challenge under prospective DRG reimbursement. Ryckman D, et al. **Top Health Care Financ** 1985 Spring;11(3):47-58

Strategies for paying for health services in developing countries. de Ferranti D. **World Health Stat Q** 1984;37(4):428-50 **(Eng, Fre)**

ECONOMICS

Surgonomics: the identifier concept. Hospital charges in general surgery and surgical specialties under prospective payment systems. Muñoz E, et al. **Ann Surg** 1985 Jul;202(1):119-25

Prospective payment and infection control. Beyt BE Jr, et al. **Infect Control** 1985 Apr;6(4):161-4

Is compression occurring in DRG prices? Lave JR. **Inquiry** 1985 Summer;22(2):142-7

Federal prospective payment and the NJ demonstration waiver. Maressa VA. **J Med Soc NJ** 1984 Dec;81(12):1045

The financial effects of emergency department-generated admissions under prospective payment systems. Muñoz E, et al. **JAMA** 1985 Oct 4;254(13):1763-71

The impact of prospective payment for physician fees on medical specialists. Steel JG. **NC Med J** 1985 May;46(5):275-6

Hospital cost control in Norway: a decade's experience with prospective payment. Crane TS. **Public Health Rep** 1985 Jul-Aug;100(4):406-17

Prospective payment and mental health. Katz PS. **QRB** 1984 Nov;10(11):355-8

Strategic financial planning under DRG-based prospective payment. Gannon JJ, et al. **Top Health Care Financ** 1985 Summer;11(4):21-32

LEGISLATION & JURISPRUDENCE

The Prospective Payment System, diagnosis-related groups, and the new world of health care [editorial] Hodes BL. **Arch Ophthalmol** 1985 Feb;103(2):185-6

Medicare prospective pricing compromise. Finn J. **Hospitals** 1984 Oct 1;58(19):39-40

A congressman's view of Medicare's woes [interview by Michael Lesparre] Stark F. **Hospitals** 1985 Sep 1; 59(17):76-7

State programs expect to keep PPS waivers. Traska MR. **Hospitals** 1984 Oct 16;58(20):41-2

Medicare rate setting and its problems. A fixed price per bundled product. Verville RE. **J Leg Med (Chicago)** 1985 Mar;6(1):85-106 (0 ref.)

Nutritional support: can it be the Achilles heel of the DRGs? [letter] Kaminski MV Jr. **JPEN** 1984 Sep-Oct;8(5):592-4

Strategies for reforming Medicare's physician payments. Physician diagnosis-related groups and other approaches. Jencks SF, et al. **N Engl J Med** 1985 Jun 6;312(23):1492-9

Prospective payment and its impact on radiologic technology. Fodor J 3d, et al. **Radiol Technol** 1985 Jan-Feb; 56(3):151-3

An overview of DRG regulations--the impact of changing reimbursement patterns. Morgan LB, et al. **Top Health Care Financ** 1985 Spring;11(3):1-9

New success factors for management under prospective payment. Sweeney JP, et al. **Top Health Care Financ** 1985 Spring;11(3):10-21

METHODS

Prospective payment [letter] Darmstadter H. **Hosp Community Psychiatry** 1984 Oct;35(10):1043

A plan for prospective payment for inpatient psychiatric care. Frank RG, et al. **Hosp Community Psychiatry** 1985 Jul; 36(7):775-6

Interhospital differences in severity of illness. Problems for prospective payment based on diagnosis-related groups (DRGs). Horn SD, et al. **N Engl J Med** 1985 Jul 4; 313(1):20-4

Physician DRGs. Mitchell JB. **N Engl J Med** 1985 Sep 12; 313(11):670-5

Prospective payment strategy--is it working? Fifer WR. **Penn Med** 1984 Dec;87(12):38-42

STANDARDS

Critical appraisal of the DRG system: problem areas for DRG reimbursement in the USA. Harper DL. **Aust Clin Rev** 1985 Mar;(16):5-11

TRENDS

Diagnosis related group reimbursement of hospital services in the United States: potential for introduction in Australia. Doman AS. **Community Health Stud** 1985;9(1):54-61

Hospital intravenous drug administration in the era of prospective payment. Rapp RP. **Drug Intell Clin Pharm** 1985 Feb;19(2):146-8

PPS dominated activity in Washington, DC. Finn J, et al. **Hospitals** 1984 Dec 16;58(24):36, 38

Variety of approaches taken by payers. Traska MR. **Hospitals** 1984 Dec 16;58(24):56, 58

REIMBURSEMENT, PROSPECTIVE see under **REIMBURSEMENT MECHANISMS**

REIMPLANTATION see **REPLANTATION**

REIMPLANTATION, TOOTH see **TOOTH REPLANTATION**

REINDEER

Sarcocystis hardangeri and Sarcocystis rangi n. sp. from the domestic reindeer (Rangifer tarandus) in northern Norway. Gjerde B. **Acta Vet Scand** 1984;25(3):411-8

BLOOD

Seasonal changes in blood lipids, adrenaline, noradrenaline, glucose and insulin in Norwegian reindeer. Larsen TS, et al. **Acta Physiol Scand** 1985 May;124(1):53-9

Seasonal changes in T3, FT4, and cortisol in free-ranging Svalbard reindeer (Rangifer tarandus platyrhynchus). Nilssen KJ, et al. **Gen Comp Endocrinol** 1985 Aug; 59(2):210-3

METABOLISM

Effects of prolonged food restriction on some aspects of lipid metabolism in Norwegian and Svalbard reindeer. Larsen TS, et al. **Acta Physiol Scand** 1985 Jun;124(2):173-80

Seasonal changes in lipogenesis and lipolysis in isolated adipocytes from Svalbard and Norwegian reindeer. Larsen TS, et al. **Acta Physiol Scand** 1985 Jan;123(1):97-104

Levels of trace elements in liver from Norwegian moose, reindeer and red deer in relation to atmospheric deposition. Frøslie A, et al. **Acta Vet Scand** 1984;25(3):333-45

Regulation of metabolic rate in Svalbard and Norwegian reindeer. Nilssen KJ, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R837-41

Glucuronidation in the reindeer: dietary modification in the UDP-glucuronosyltransferase activity with 4-nitrophenol, 1-naphthol and phenolphthalein as acceptors. Juvonen R, et al. **Int J Biochem** 1984;16(10):1083-6

MICROBIOLOGY

Seasonal changes in the ruminal microflora of the high-arctic Svalbard reindeer (Rangifer tarandus platyrhynchus). Orpin CG, et al. **Appl Environ Microbiol** 1985 Jul; 50(1):144-51

PARASITOLOGY

Ultrastructure of the cysts of Sarcocystis tarandivulpes from skeletal muscle of reindeer (Rangifer tarandus tarandus). Gjerde B. **Acta Vet Scand** 1985;26(1):91-104

The fox as a definitive host for Sarcocystis rangi from reindeer (Rangifer tarandus tarandus). Gjerde B. **Acta Vet Scand** 1985;26(1):140-2

A light microscopic comparison of the cysts of four species of Sarcocystis infecting the domestic reindeer (Rangifer tarandus) in northern Norway. Gjerde B. **Acta Vet Scand** 1984;25(2):195-204

The domestic reindeer (Rangifer tarandus) from northern Norway as intermediate host for three species of Sarcocystis. Gjerde B, et al. **Acta Vet Scand** 1984; 25(2):187-94

Sarcocystis infection in wild reindeer (Rangifer tarandus) from Hardangervidda in southern Norway: with a description of the cysts of Sarcocystis hardangeri n. sp. Gjerde B. **Acta Vet Scand** 1984;25(2):205-12

The raccoon dog (Nyctereutes procyonoides) as definitive host for Sarcocystis spp. of reindeer (Rangifer tarandus). Gjerde B. **Acta Vet Scand** 1984;25(3):419-24

The fox as definitive host for Sarcocystis sp. Gjerde, 1984 from skeletal muscle of reindeer (Rangifer tarandus). With a proposal for Sarcocystis tarandivulpes n. sp. as replacement name. Gjerde B. **Acta Vet Scand** 1984; 25(3):403-10

Ultrastructure of the cysts of Sarcocystis grueneri from cardiac muscle of reindeer (Rangifer tarandus tarandus). Gjerde B. **Z Parasitenkd** 1985;71(2):189-98

[Serological diagnosis of an infestation caused by the early developmental stages of botfly larvae (Oedemagena tarandi) in reindeer] Solopov NV, et al. **Parazitologiia** 1984 Jul-Aug;18(4):275-9 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Seasonal changes in the relative importance of different avenues of heat loss in resting and running reindeer. Johnsen HK, et al. **Acta Physiol Scand** 1985 Jan;123(1):73-9

Some aspects of thermoregulation in newborn reindeer calves (Rangifer tarandus tarandus). Markussen KA, et al. **Acta Physiol Scand** 1985 Feb;123(2):215-20

Central control of expired air temperature and other thermoregulatory effectors in reindeer. Mercer JB, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):R679-85

The structure and insulation properties of the reindeer fur. Timisjärvi J, et al. **Comp Biochem Physiol [A]** 1984; 79(4):601-9

Nasal heat exchange in a northern ungulate, the reindeer (Rangifer tarandus). Langman VA. **Respir Physiol** 1985 Mar;59(3):279-87

REINFORCEMENT (PSYCHOLOGY)

The use of DRO to reduce stereotypic head weaving in a profoundly retarded adult. Aguerrevere L, et al. **Acta Cient Venez** 1984;35(1):71-4

Context of drinking and reinforcement from alcohol: alcoholic patterns. Brown SA. **Addict Behav** 1985; 10(2):191-5

A multi-dimensional examination of the positive reinforcing properties of acetaldehyde. Amit Z, et al. **Alcohol** 1985 Mar-Apr;2(2):367-70 (39 ref.)

Blocking but not conditioned inhibition results when an added stimulus is reinforced in compound with multiple pretrained stimuli. Schachtman TR, et al. **Am J Psychol** 1985 Summer;98(2):283-95

A multielement analysis of contingent versus contingent-interrupted music. Allen LD, et al. **Appl Res Ment Retard** 1985;6(1):87-97

Habituation under stress: shocked mice show nonassociative learning in a T-maze. Mitchell D, et al. **Behav Neural Biol** 1985 Mar;43(2):212-7

Nicotine self-administration in rats. Cox BM, et al. **Br J Pharmacol** 1984 Sep;83(1):49-55

Use of gingival bleeding for reinforcement of oral home care behavior. Walsh MM, et al. **Community Dent Oral Epidemiol** 1985 Jun;13(3):133-5

Review of self-administration. Balster RL, et al. **Drug Alcohol Depend** 1985 Feb;14(3-4):249-61 (28 ref.)

Contingent methadone take-home privileges: effects on compliance with fee payment schedules. Stitzer ML, et al. **Drug Alcohol Depend** 1984 Jul;13(4):395-9

Definitional, parametric, and procedural considerations in timeout interventions and research. Harris KR. **Except Child** 1985 Jan;51(4):279-88 (31 ref.)

Applications of behavior modification to community health education: the case of heart disease prevention. Elder JP, et al. **Health Educ Q** 1985 Summer;12(2):151-68

Positive reinforcement in clinical teaching and evaluation. Rau CF. **J Am Coll Dent** 1984 Summer;51(2):22-5

The positive side effects of reinforcement: a commentary on Balsam and Bondy (1983). Epstein R. **J Appl Behav Anal** 1985 Spring;18(1):73-80

Comments on the applied relevance of the matching law. Fuqua RW. **J Appl Behav Anal** 1984 Fall;17(3):381-6

Contingent reinforcement for carbon monoxide reduction: within-subject effects of pay amount. Stitzer ML, et al. **J Appl Behav Anal** 1984 Winter;17(4):477-83

Evaluation of reinforcer preferences for profoundly handicapped students. Wacker DP, et al. **J Appl Behav Anal** 1985 Summer;18(2):173-8

Brief report: validation of the autism reinforcer checklist for children. Atkinson RP, et al. **J Autism Dev Disord** 1984 Dec;14(4):429-33

Stereotypic behavior as a reinforcer: effects and side effects. Wolery M, et al. **J Autism Dev Disord** 1985 Jun; 15(2):149-61

The reduction of seizure-like behaviors through contingency management. Burgio L, et al. **J Behav Ther Exp Psychiatry** 1985 Mar;16(1):71-5

General level of reinforcement. Cautela JR. **J Behav Ther Exp Psychiatry** 1984 Jun;15(2):109-14

Treatment of constipation-caused encopresis by a negative reinforcement procedure. Rolider A, et al. **J Behav Ther Exp Psychiatry** 1985 Mar;16(1):67-70

Human observing: maintained by negative informative stimuli only if correlated with improvement in response efficiency. Case DA, et al. **J Exp Anal Behav** 1985 May;43(3):289-300

Accuracy versus speed in the generalized effort of learning-disabled children. Eisenberger R, et al. **J Exp Anal Behav** 1984 Jul;42(1):19-36

Delayed signal detection, differential reinforcement, and short-term memory in the pigeon. Harnett P, et al. **J Exp Anal Behav** 1984 Jul;42(1):87-111

Unblocking in Pavlovian appetitive conditioning. Holland PC. **J Exp Psychol [Anim Behav]** 1984 Oct;10(4):476-97

Differential effects of reinforcement of an inhibitory feature after serial and simultaneous feature negative discrimination training. Holland PC. **J Exp Psychol [Anim Behav]** 1984 Oct;10(4):461-75

Postreinforcement signal processing. Meck WH. **J Exp Psychol [Anim Behav]** 1985 Jan;11(1):52-70

Reinforcement expectancies and alcoholism treatment outcome after a one-year follow-up. Brown SA. **J Stud Alcohol** 1985 Jul;46(4):304-8

Analysis of reinforcement by varying smoke component concentrations. Rose JE. **Natl Inst Drug Abuse Res Monogr Ser** 1983;48:39-49

Neural mechanisms of the reinforcing action of cocaine. Wise RA. **Natl Inst Drug Abuse Res Monogr Ser** 1984;50:15-33 (94 ref.)

Selected opioids and responding for intracranial reinforcement. Reid LD, et al. **Neuropeptides** 1985 Feb; 5(4-6):331-4

Anxiety, anxiolytics and brain stimulation reinforcement. Liebman JM. **Neurosci Biobehav Rev** 1985 Spring; 9(1):75-86 (104 ref.)

A functional analysis of social reinforcement in vicarious verbal conditioning. Donohue GB, et al. **Pavlov J Biol Sci** 1985 Jul-Sep;20(3):140-8

Lack of preference for flurazepam in normal volunteers. de Wit H, et al. **Pharmacol Biochem Behav** 1984 Dec; 21(6):865-9

Neuroleptics block the positive reinforcing effects of amphetamine but not of morphine as measured by place conditioning. Mackey WB, et al. **Pharmacol Biochem Behav** 1985 Jan;22(1):101-5

Behavioral suppression using intracranial reward and punishment: effects of benzodiazepines. Moriyama M, et al. **Pharmacol Biochem Behav** 1984 Nov;21(5):773-8

Absence of reinforcement with low dose intravenous ethanol self-administration in rats. Numan R, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):609-15

Toward understanding ethanol's capacity to be reinforcing: a conditioned place preference following injections of ethanol. Reid LD, et al. **Pharmacol Biochem Behav** 1985 Mar;22(3):483-7

The conditioned place preference is affected by two independent reinforcement processes. White NM, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):37-42

Subject control as a determinant of the reinforcing properties of intracranial stimulation. Tsang WK, et al. **Physiol Behav** 1984 May;32(5):795-802

Self-reinforcement by children. Blount RL, et al. **Prog Behav Modif** 1984;18:195-225 (75 ref.)

beta-Phenylethylamine and reinforcement. Greenshaw AJ. **Prog Neuropsychopharmacol Biol Psychiatry** 1984 8(4-6):615-20

Induction and maintenance of ethanol self-administration without food deprivation in the rat. Grant KA, et al. **Psychopharmacology (Berlin)** 1985;86(4):475-9

A parametric description of amphetamine's effect on response rate: changes in reinforcement efficacy and response topography. Heyman GM, et al. **Psychopharmacology (Berlin)** 1985;85(2):154-61

Reinforcing properties of oral delta 9-tetrahydrocannabinol, smoked marijuana, and nabilone: influence of previous marijuana use. Mendelson JH, et al. **Psychopharmacology (Berlin)** 1984;83(4):351-6

The abolition of the partial reinforcement extinction effect

(PREE) by amphetamine. Weiner I, et al. **Psychopharmacology (Berlin)** 1985;86(3):318–23

[Prospects for rehabilitation of chronic psychotic patients] Spinetti G, et al. **Minerva Psichiatr** 1984 Oct–Dec; 25(4):275–8 (Eng. Abstr.) **(Ita)**

[Acquisition of a lever press behavior by mice in a water reinforcement situation] Kaneto H, et al. **Yakubutsu Seishin Kodo** 1984 Nov;4(3):213–20 (Eng. Abstr.) **(Jpn)**

[Characteristics of the formation of reinforcing brain systems in rats under the limitation of individual experience] Vartanian GA, et al. **Fiziol Zh SSSR** 1984 Jul;70(7):969–75 (Eng. Abstr.) **(Rus)**

[Objective manifestations of a functional system of behavior aimed at obtaining positive emotional reinforcement] Belyi VP, et al. **Vestn Akad Med Nauk SSSR** 1985;(2):29–35 (Eng. Abstr.) **(Rus)**

REINFORCEMENT SCHEDULE

Probability–reward preferences of rhesus monkeys. Hill CW, et al. **Am J Psychol** 1985 Spring;98(1):77–84

The use of response deprivation to increase the academic performance of EMR students. Konarski EA Jr, et al. **Appl Res Ment Retard** 1985;6(1):15–31

Effects of delayed versus immediate attention to oral reading errors on the reading proficiency of mentally retarded children. Singh NN, et al. **Appl Res Ment Retard** 1985; 6(3):283–93

Effects of drugs on schedule–controlled running of mice in a circular runway. Lehr E, et al. **Arzneimittelforsch** 1985; 35(1A):432–4

Suppression of schedule–induced drinking and food–reinforced bar pressing by tail–pinch is not reversed by naloxone. Murphy EP, et al. **Behav Neural Biol** 1985 Jan;43(1):86–99

The temporal structure of reinforcement: VI. Local determinants of response topography as determined by analysis of interresponse times. Katz RJ, et al. **Behav Neurosci** 1984 Dec;98(6):986–1003

Comparison of fixed–ratio and progressive–ratio schedules of maintenance of stimulant drug–reinforced responding. Winger G, et al. **Drug Alcohol Depend** 1985 May; 15(1–2):123–30

Fornix–fimbria section and the partial reinforcement extinction effect. Feldon J, et al. **Exp Brain Res** 1985; 58(3):435–9

Resistance to extinction after schedules of partial delay or partial reinforcement in rats with hippocampal lesions. Rawlins JN, et al. **Exp Brain Res** 1985;59(2):273–81

An effect of immediate reinforcement and delayed punishment, with possible implications for self–control. Epstein R. **J Behav Ther Exp Psychiatry** 1984 Dec; 15(4):291–8

Lick–trading by rats: on the substitutability of dry, water, and saccharin tubes. Allison J, et al. **J Exp Anal Behav** 1985 Mar;43(2):195–213

Concurrent phencyclidine and saccharin access: presentation of an alternative reinforcer reduces drug intake. Carroll ME. **J Exp Anal Behav** 1985 Jan;43(1):131–44

Matching and maximizing with variable–time schedules. DeCarlo LT. **J Exp Anal Behav** 1985 Jan;43(1):75–81

Pentobarbital self–administration in rhesus monkeys: drug concentration and fixed–ratio size interactions. Lemaire GA, et al. **J Exp Anal Behav** 1984 Jul;42(1):37–49

Bias of phencyclidine discrimination by the schedule of reinforcement. McMillan DE, et al. **J Exp Anal Behav** 1984 Jul;42(1):51–66

Discriminability of frequency of food or stimulus presentations in variable–time schedules. Mandell C. **J Exp Anal Behav** 1984 Sep;42(2):291–303

Probability and delay of reinforcement as factors in discrete–trial choice. Mazur JE. **J Exp Anal Behav** 1985 May;43(3):341–51

The roles of stimulus control and reinforcement frequency in modulating the behavioral effects of d–amphetamine in the rat. Rees DC, et al. **J Exp Anal Behav** 1985 Mar; 43(2):243–55

Optimization versus response–strength accounts of behavior. Vaughan W Jr, et al. **J Exp Anal Behav** 1984 Sep; 42(2):337–48

Pure timing in temporal differentiation. Zeiler MD. **J Exp Anal Behav** 1985 Mar;43(2):183–93

Comparison of timing and classical conditioning. Holder MD, et al. **J Exp Psychol [Anim Behav]** 1985 Apr;11(2):172–93

Effects of task–irrelevant cues and reinforcement delay on choice–escape learning following inescapable shock: evidence for a deficit in selective attention. Minor TR, et al. **J Exp Psychol [Anim Behav]** 1984 Oct;10(4):543–56

Performance maintained by orally delivered phencyclidine under second–order, tandem and fixed–interval schedules in food–satiated and food–deprived rhesus monkeys. Carroll ME. **J Pharmacol Exp Ther** 1985 Feb;232(2):351–9

Effects of triethyltin and its interaction with d–amphetamine and chlorpromazine on responding under a multiple schedule of food presentation in rats. Rastogi SK, et al. **Neurobehav Toxicol Teratol** 1985 May–Jun;7(3):239–42

The inhibitory effect of pretrial reinforcement on instrumental conditioning. Terry WS. **Pavlov J Biol Sci** 1985 Apr–Jun;20(2):78–83

Antagonism by CGS 8216 and Ro 15–1788, benzodiazepines antagonists, of the action of chlordiazepoxide on a timing behavior in rats. Nakamura M, et al. **Pharmacol Biochem Behav** 1984 Sep;21(3):381–5

Interval and ratio reinforcement contingencies as determinants of methadone's effects. Thompson T, et al. **Pharmacol Biochem Behav** 1984 Nov;21(5):743–7

The transition from a fixed ratio to a fixed interval schedule of reinforcement in hypo and hyperthyroid rats. Fundarò A, et al. **Pharmacol Res Commun** 1985 May;17(5):463–70

Control of the temporal location of schedule–induced attack in pigeons. Flory RK, et al. **Physiol Behav** 1985 Mar; 34(3):341–8

Schedule–induced behavior in children as a function of interreinforcement interval length. Granger RG, et al. **Physiol Behav** 1984 Jul;33(1):153–7

Schedule–induced wheel–running: effects of exposure to the schedule. White JM. **Physiol Behav** 1985 Jan;34(1):119–22

Behavioral screen for antidepressants: the effects of drugs and electroconvulsive shock on performance under a differential–reinforcement–of–low–rate schedule. Seiden LS, et al. **Psychopharmacology (Berlin)** 1985;86(1–2):55–60

Effects of UCS probability on the contingent negative variation and electrodermal response during long ISI conditioning. Backs RW, et al. **Psychophysiology** 1985 May; 22(3):268–75

Effects of anxiolytic drugs on the partial reinforcement extinction effect in runway and Skinner box. McNaughton N. **Q J Exp Psychol [B]** 1984 Nov;36(4):319–30

The effects of triethyltin and trimethyltin in rats responding under a DRL schedule of reinforcement. Wenger GR, et al. **Toxicol Appl Pharmacol** 1985 Apr;78(2):248–58

[Behavioral, autonomic and electrophysiologic correlates of the apparatus of the acceptor of the results of an action] Zhuravlev BV, et al. **Vestn Akad Med Nauk SSSR** 1985; (2):46–53 (Eng. Abstr.) **(Rus)**

[Importance of traces of a preceding unreinforced stimulus to the formation of inhibitory conditioned reflexes in the rat] Belenkov NIu, et al. **Zh Vyssh Nerv Deiat** 1985 Jan–Feb;35(1):110–6 (Eng. Abstr.) **(Rus)**

[Probability analysis of elements of rat behavior after sudden and signalled interruption of food reinforcement] Belenkov NIu, et al. **Zh Vyssh Nerv Deiat** 1985 May–Jun;35(3):473–9 (Eng. Abstr.) **(Rus)**

[Formation of alimentary conditioned reflexes with probable reinforcement in rats with frontal cortex injuries] Pigareva ML, et al. **Zh Vyssh Nerv Deiat** 1984 Nov–Dec; 34(6):1100–8 (Eng. Abstr.) **(Rus)**

REINFORCEMENT, SOCIAL

The use of time–out, peer retraining and differential reinforcement of other behaviours (DRO) to reduce disruptive behaviours in a profoundly retarded boy. Aguerrevere L, et al. **Acta Cient Venez** 1984;35(1):75–8

Toxiphobia, 'social reinforcement,' comparative psychology, and Patrick J. Capretta. Bronstein PM. **Ann NY Acad Sci** 1985;443:158–70

The nature of interactions between nursing staff and profoundly multiply handicapped children. Beail N. **Child Care Health Dev** 1985 May–Jun;11(3):113–29

REINFORCEMENT, VERBAL

Effects of verbal reinforcements upon WAIS scores of examinees high and low in anxiety. Bass BA, et al. **Psychol Rep** 1985 Feb;56(1):261–2

[Effect of verbal reinforcement on evoked cortical activity] Kostandov EA, et al. **Zh Vyssh Nerv Deiat** 1984 Sep–Oct; 34(5):833–40 (Eng. Abstr.) **(Rus)**

REITER'S DISEASE

[Reiter's syndrome in 420 patients. Personal observations] Mladenović V. **Srp Arh Celok Lek** 1983 Aug; 111(8):1045–60 (Eng. Abstr.) **(Scc)**

[Reiter's disease] Uzelac S. **Vojnosanit Pregl** 1985 May–Jun; 42(3):226–7 **(Scr)**

COMPLICATIONS

Seronegative spondyloarthropathies in lone aortic insufficiency. Qaiyumi S, et al. **Arch Intern Med** 1985 May; 145(5):822–4

Infectious involvements in males with Reiter's syndrome. Vilppula AH, et al. **Clin Rheumatol** 1984 Dec;3(4):443–9

Unusual manifestations of Reiter's disease in a child. Sehgal VN, et al. **Dermatologica** 1985;170(2):77–9

Myelopathy in Reiter's disease. Montanaro A, et al. **J Rheumatol** 1984 Aug;11(4):540–1

[Reiter syndrome] Drobnitsch I, et al. **Orv Hetil** 1985 Jun 16;126(24):1479–82 (Eng. Abstr.) **(Hun)**

DIAGNOSIS

[Reiter's syndrome. A review and an illustrative case report] Knudsen L, et al. **Ugeskr Laeger** 1984 May 7;146(19):1411–4 (Eng. Abstr.) **(Dan)**

[Reiter's syndrome] Appelboom T. **Rev Med Brux** 1985 Apr; 6(4):305–6 (Eng. Abstr.) **(Fre)**

[Clinical symptoms of Reiter's disease] Asauliuk IK. **Klin Med (Mosk)** 1984 Aug;62(8):142–5 **(Rus)**

[Reiter's disease and rheumatoid arthritis in men: the characteristics of the joint syndrome and the immunological indices] Dormidontov EN, et al. **Revmatologiia (Moskva)** 1985 Jan–Mar;(1):9–11 (Eng. Abstr.) **(Rus)**

[Differential diagnosis of peripheral forms of Bechterew's and Reiter's diseases] Guseinov NI, et al. **Revmatologiia (Moskva)** 1984 Oct–Dec;(4):17–9 (Eng. Abstr.) **(Rus)**

[Various features of Reiter's disease] Pukach LP, et al. **Voen Med Zh** 1984 Nov;(11):29–32 **(Rus)**

DRUG THERAPY

Reiter's disease: successful treatment of the skin manifestations with oral etretinate. Benoldi D, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):352–4

Response of the cutaneous lesions of Reiter's syndrome to ketoconazole [letter] Lesher JL Jr, et al. **J Am Acad Dermatol** 1985 Jul;13(1):161–3

ETIOLOGY

An unusual case of Reiter's disease. Maw RD, et al. **Ann Rheum Dis** 1985 Aug;44(8):559–60

Trauma and Reiter's syndrome: development of 'reactive arthropathy' in two patients following musculoskeletal injury. Wisnieski JJ. **Ann Rheum Dis** 1984 Dec;43(6):829–32

Enteritis and Reiters syndrome associated with Yersinia enterocolitica [letter] Sampson JA, et al. **Aust NZ J Med** 1984 Dec;14(6):864–5

Is Reiter's syndrome caused by chlamydia? [editorial] **Lancet** 1985 Feb 9;1(8424):317–9

[Reiter's disease] Toporovskiĭ LM, et al. **Vestn Dermatol Venerol** 1984 Sep;(9):68–72 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

Familial aggregation of Reiter's syndrome and ankylosing spondylitis: a comparative study. Calin A, et al. **J Rheumatol** 1984 Oct;11(5):672–7

HL–A 27 in Reiter's syndrome and psoriatic arthritis: a genetic factor in disease susceptibility and expression. McClusky OE, et al. **J Rheumatol** 1984 Oct;11(5):571

Clinical symptoms and HLA antigens in a family with Reiter's disease. Rantapää Dahlqvist S, et al. **Scand J Rheumatol** 1985;14(2):149–58

HISTORY

[The man behind the syndrome: Hans Conrad Reiter. He saw his first case in war: a Prussian cavalryman with unknown infectious disease] Solem JH. **Lakartidningen** 1984 Dec 19;81(51):4842 **(Nor)**

IMMUNOLOGY

Correlation of disease activity and drug therapy with the autologous mixed lymphocyte reaction in rheumatoid arthritis. Cross SM, et al. **Ann Rheum Dis** 1985 Apr; 44(4):224–31

Antibodies to peptidoglycan in patients with spondylarthritis: a clue to disease aetiology? Park H, et al. **Ann Rheum Dis** 1984 Oct;43(5):725–8

In vitro T lymphocyte proliferative response to Yersinia enterocolitica in Reiter's syndrome [letter] Aaron S. **Arthritis Rheum** 1985 Apr;28(4):478–9

Absence of lymphotoxic antibodies in patients with Yersinia–induced arthritis, Reiter's syndrome and ankylosing spondylitis. Kono DH, et al. **Clin Exp Rheumatol** 1984 Oct–Dec;2(4):303–7

Immunopathological alterations in patients with seronegative spondarthritis. Kapoor AK, et al. **Indian J Med Res** 1984 Jun;79:831–5

Antibodies against Yersinia enterocolitica in patients with Reiter's syndrome. Kobayashi S, et al. **J Lab Clin Med** 1985 Mar;105(3):380–9

MICROBIOLOGY

[Reiter's disease and Chlamydia infections] Shubin SV. **Revmatologiia (Moskva)** 1984 Jul–Sep;(3):35–40 (63 ref.) **(Rus)**

PATHOLOGY

HLA–B27–associated heart disease. Clinicopathologic study of three cases. Bergfeldt L, et al. **Am J Med** 1984 Nov; 77(5):961–7

Two–dimensional echocardiographic detection of preclinical aortic root abnormalities in rheumatoid variant diseases. LaBresh KA, et al. **Am J Med** 1985 Jun;78(6 Pt 1):908–12

Reiter's syndrome with nail involvement: is it psoriasis? Ingram GJ, et al. **Cutis** 1985 Jul;36(1):37–40

[Uranitis circinata in Reiter's disease. Therapy with etretinate (Tigason)] Marghescu S, et al. **Hautarzt** 1985 May; 36(5):291–3 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Clinical characteristics in male and female uro–arthritis or Reiter's syndrome. Yli–Kerttula UI. **Clin Rheumatol** 1984 Sep;3(3):351–60

THERAPY

[Experience with using lymphocytoplasmapheresis in the urethro– oculosynovial syndrome] Gembitskiĭ EV, et al. **Revmatologiia (Moskva)** 1985 Jan–Mar;(1):6–9 (Eng. Abstr.) **(Rus)**

REJECTION (PSYCHOLOGY)

The widow's rejection. Colquhoun JP. **Aust Fam Physician** 1984 Aug;13(8):597

Rejection of a child by his mother. Successfully treated after three years. Brockington IF, et al. **Br J Psychiatry** 1984 Sep;145:316–8

Behavior problems of peer-neglected and peer-rejected elementary-age children: parent and teacher perspectives. French DC, et al. **Child Dev** 1985 Feb;56(1):246–52

The throwaway culture: job detachment and rejection. Davies CS. **Gerontologist** 1985 Jun;25(3):228–31

Maternal withdrawal from handicapped toddlers. Wasserman GA, et al. **J Child Psychol Psychiatry** 1985 May;26(3):381–7

Children's loneliness: a comparison of rejected and neglected peer status. Asher SR, et al. **J Consult Clin Psychol** 1985 Aug;53(4):500–5

RELAPSING FEVER

Neonatal Borrelia species infection (relapsing fever). Yagupsky P, et al. **Am J Dis Child** 1985 Jan;139(1):74–6

Relapsing fevers. A review. Goubau PF. **Ann Soc Belg Med Trop** 1984;64(4):335–64 (119 ref.)

BLOOD

Thyroid function tests in relapsing fever [letter] Carter GD, et al. **Arch Intern Med** 1985 Mar;145(3):576–7

Glucose and insulin homeostasis during the Jarisch-Herxheimer reaction. Teklu B, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):74–7

COMPLICATIONS

[Hypoglycemia, jaundice and shock complicating relapsing fever] Alkan M, et al. **Harefuah** 1984 Jun 1;106(11):508–9 (Eng. Abstr.) **(Heb)**

DIAGNOSIS

[Borreliosis: description of 4 cases] León de Lope M, et al. **Med Clin (Barc)** 1985 Jun 15;85(3):111–3 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Relapsing fever: new lessons about antibiotic action. Butler TC. **Ann Intern Med** 1985 Mar;102(3):397–9

OCCURRENCE

The spectrum of relapsing fever in the Rocky Mountains. Horton JM, et al. **Arch Intern Med** 1985 May;145(5):871–5

Tick borne relapsing fever in Tanzanian children. Makwabe CM. **Cent Afr J Med** 1984 Aug;30(8):148, 150

Relapsing fever in Sichili. Coene J. **Med J Zambia** 1984 Jan; 18(1):10–4

[A case survey of acute relapsing fever in Israel] Megiddo D. **Harefuah** 1984 Sep;107(5–6):142–5 **(Heb)**

PREVENTION & CONTROL

Possible prevention of tick-borne relapsing fever in patients infected with Borrelia recurrentis [letter] Galun E, et al. **J Infect Dis** 1984 Oct;150(4):617

[Approaches to the standardization of farms infested with Ornithodoros ticks] Reznik EP, et al. **Med Parazitol (Mosk)** 1985 Mar–Apr;(2):77–83 (Eng. Abstr.) **(Rus)**

TRANSMISSION

Ornithodoriasis preceding Borrelia infection. Ronnen M, et al. **Arch Dermatol** 1984 Nov;120(11):1520–1

RELATIVE BIOLOGICAL EFFECTIVENESS

Biologic effectiveness of black light fluorescent lamps for PUVA [letter] Fleming MG, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):894–5

RELAXATION

Trial of relaxation in reducing coronary risk [letter] Salmon RL. **Br Med J [Clin Res]** 1985 Jun 8;290(6483):1746–7

The effects of short term flotation REST on relaxation: a controlled study. Jacobs GD, et al. **Health Psychol** 1984; 3(2):99–112

Psychosocial enhancement of immunocompetence in a geriatric population. Kiecolt-Glaser JK, et al. **Health Psychol** 1985;4(1):25–41

Stress and relaxation: evaluation by questionnaire, salivary changes and physiological responses in a trained meditator. Morse DR, et al. **J Oral Med** 1984 Jul–Sep;39(3):142–7

Comparison of the salivary changes associated with a relaxing and with a stressful procedure. Borgeat F, et al. **Psychophysiology** 1984 Nov;21(6):690–8

[Easing of nervous tension as a risk factor in the development of myocardial infarction] Vseliubskiĭ GA, et al. **Voen Med Zh** 1984 Dec;(12):35–7 **(Rus)**

RELAXATION TECHNICS

A comparison of the effects of flupentixol and relaxation on laboratory pain: an experimental study. Anseth E, et al. **Acta Neurol Scand** 1985 Jan;71(1):20–4

Treatment of cervical headache with hypnosis, suggestive therapy, and relaxation techniques. Carasso RL, et al. **Am J Clin Hypn** 1985 Apr;27(4):216–8

Comparison of contemplation and hypnosis for the reduction of anxiety and discomfort during dental surgery. Katcher A, et al. **Am J Clin Hypn** 1984 Jul;27(1):14–21

Can East and West meet in psychoanalysis? [letter] **Am J Psychiatry** 1985 Oct;142(10):1226–8

Meditation and psychotherapy: a rationale for the integration of dynamic psychotherapy, the relaxation response, and mindfulness meditation. Kutz I, et al. **Am J Psychiatry** 1985 Jan;142(1):1–8

Relaxation therapy in the treatment of hypertension. A review. Jacob RG, et al. **Arch Gen Psychiatry** 1977 Dec; 34(12):1417–27 (46 ref.)

Reactions of transcendental meditators and nonmeditators to stress films. A cognitive study. Kanas N, et al. **Arch Gen Psychiatry** 1977 Dec;34(12):1431–6

A psychophysiological therapy for dental fear. Berggren U, et al. **Behav Res Ther** 1984;22(5):487–92

An evaluation of relaxation training in the treatment of tinnitus. Ireland CE, et al. **Behav Res Ther** 1985; 23(4):423–30

The effects of progressive relaxation on stress and diabetic control. Lammers CA, et al. **Behav Res Ther** 1984; 22(6):641–50

The role of relaxation in systematic desensitization. Levin RB, et al. **Behav Res Ther** 1985;23(2):187–96

Flexibility development in sprinters using EMG biofeedback and relaxation training. Cummings MS, et al. **Biofeedback Self Regul** 1984 Sep;9(3):395–405

Physiological responses during meditation and rest. Delmonte MM. **Biofeedback Self Regul** 1984 Jun;9(2):181–200

Case reports on the use of meditative relaxation as an intervention strategy with retarded ejaculation. Delmonte MM. **Biofeedback Self Regul** 1984 Jun;9(2):209–14

Is group progressive relaxation training as effective with hyperactive children as individual EMG biofeedback treatment? Denkowski KM, et al. **Biofeedback Self Regul** 1984 Sep;9(3):353–64

Arousal reduction with biofeedback-supported respiratory meditation. Zeier H. **Biofeedback Self Regul** 1984 Dec; 9(4):497–508

Relaxation and assertive training as automated adjunct behaviour therapy administered in a self-control orientation with psychiatric patients. Gaber LB, et al. **Br J Clin Psychol** 1984 Nov;23 (Pt 4):301–9

A controlled study of the effects of applied relaxation and applied relaxation plus operant procedures in the regulation of chronic pain. Linton SJ, et al. **Br J Clin Psychol** 1984 Nov;23 (Pt 4):291–9

Factors influencing the regularity of meditation practice in a clinical population. Delmonte MM. **Br J Med Psychol** 1984 Sep;57 (Pt 3):275–8

Trial of relaxation in reducing coronary risk: four year follow up. Patel C, et al. **Br Med J [Clin Res]** 1985 Apr 13; 290(6475):1103–6

Effects of relaxation and mnemonics on memory, attention and anxiety in the elderly. Yesavage JA, et al. **Exp Aging Res** 1984 Winter;10(4):211–4

Multimodal migraine treatment: does thermal feedback add to the outcome? Sorbi M, et al. **Headache** 1984 Sep; 24(5):249–55

Electrocortical activity and related phenomena associated with meditation practice: a literature review. Delmonte MM. **Int J Neurosci** 1984 Nov;24(3–4):217–31

Academic achievement and the paired Hoffman reflex in students practicing meditation. Wallace RK, et al. **Int J Neurosci** 1984 Nov;24(3–4):261–6

Physiological concomitants of meditation practice. Delmonte MM. **Int J Psychosom** 1984;31(4):23–36

Meditation: similarities with hypnoidal states and hypnosis. Delmonte MM. **Int J Psychosom** 1984;31(3):24–34

Response to meditation in terms of physiological, behavioral and self-report measures. Delmonte MM. **Int J Psychosom** 1984:31(2):3–17

Surgical and non-surgical dental treatments for a multi-allergic patient with meditation-hypnosis as the sole anesthetic: case report. Morse DR, et al. **Int J Psychosom** 1984;31(2):27–33

In vivo desensitization using meditation-hypnosis in the treatment of tactile-induced gagging in a dental patient. Morse DR, et al. **Int J Psychosom** 1984;31(3):20–3

The clinical use of mindfulness meditation for the self-regulation of chronic pain. Kabat-Zinn J, et al. **J Behav Med** 1985 Jun;8(2):163–90

Progressive versus self-control relaxation to reduce spontaneous bleeding in hemophiliacs. Lichstein KL, et al. **J Behav Med** 1985 Jun;8(2):149–62

Evaluation of two relaxation training programs under medication and no-medication conditions. Hoshmand LT, et al. **J Clin Psychol** 1985 Jan;41(1):22–9

Biofeedback and relaxation therapy for chronic temporomandibular joint pain: predicting successful outcomes. Funch DP, et al. **J Consult Clin Psychol** 1984 Dec;52(6):928–35

A pilot study of the impact of stress management techniques on the classroom behavior of elementary school students. Petosa R, et al. **J Sch Health** 1985 Feb;55(2):69–71

Management of post-herpetic neuralgia. Parris WC. **J Tenn Med Assoc** 1984 Oct;77(10):575–8

Thermal biofeedback and the treatment of tinnitus. Walsh WM, et al. **Laryngoscope** 1985 Aug;95(8):987–9

Responses of persons who are mentally retarded to four components of relaxation instruction. Rickard HC, et al. **Ment Retard** 1984 Oct;22(5):248–52

Effect of nursing interventions on nutritional and performance status in cancer patients. Dixon J. **Nurs Res** 1984 Nov–Dec;33(6):330–5

Effects of biofeedback-aided relaxation on the psychological stress symptoms of college students. Fehring RJ. **Nurs Res** 1983 Nov–Dec;32(6):362–6

Psychophysiological treatment of facial pain syndromes. Gale EN. **NY State Dent J** 1985 May;51(5):273–5

Transcendental meditation and three cases of migraine. Lovell-Smith HD. **NZ Med J** 1985 Jun 12;98(780):443–5

Behavioral approaches to the management of chronic pain in children. Masek BJ, et al. **Pediatr Clin North Am** 1984 Oct;31(5):1113–31 (69 ref.)

Meditation practice as related to occupational stress, health and productivity. Delmonte MM. **Percept Mot Skills** 1984 Oct;59(2):581–2

The TM-Sidhi programme and field independence. Jedrczak A, et al. **Percept Mot Skills** 1984 Dec;59(3):999–1000

Hormonal and biochemical responses to transcendental meditation. Cooper R, et al. **Postgrad Med J** 1985 Apr; 61(714):301–4

Relaxation therapy for far-advanced cancer. Fleming U. **Practitioner** 1985 May;229(1403):471–5

Psychological and physiological effects of relaxation and nitrous oxide training. Danton WG, et al. **Psychol Rep** 1984 Aug;55(1):311–22

Response to meditation in terms of physiological, behavioural and self-report measures: a brief summary. Delmonte MM. **Psychol Rep** 1985 Feb;56(1):9–10

Comparison of the effectiveness of biofeedback and relaxation training on hand warming. Kluger MA, et al. **Psychophysiology** 1985 Mar;22(2):162–6

Home relaxation techniques for essential hypertension. Goldstein IB, et al. **Psychosom Med** 1984 Sep-Oct; 46(5):398–414

Ventilatory response to CO2. II. Studies in neurotic psychiatric patients and practitioners of transcendental meditation. Singh BS. **Psychosom Med** 1984 Jul-Aug; 46(4):347–62

The effects of a cognitive-behavioral treatment program on temporo-mandibular pain and dysfunction syndrome. Stam HJ, et al. **Psychosom Med** 1984 Nov–Dec;46(6):534–45

Meditation as an adjunct to psychotherapy. An outcome study. Kutz I, et al. **Psychother Psychosom** 1985; 43(4):209–18

Effects of progressive muscle relaxation training on anxiety and health locus of control among hypertensive adults. Pender NJ. **Res Nurs Health** 1985 Mar;8(1):67–72

Physiologic responses of clients with essential hypertension to progressive muscle relaxation training. Pender NJ. **Res Nurs Health** 1984 Sep;7(3):197–203

[Psychoregulatory correction of blood pressure in essential hypertension] Machač M, et al. **Cas Lek Cesk** 1984 Nov 23;123(47):1430–2 (Eng. Abstr.) **(Cze)**

[Group relaxation therapy applied to psychotics] Fayat-Picard J. **Ann Med Psychol (Paris)** 1985 Feb; 143(2):160–5 **(Fre)**

[Neurophysiologic and respiratory changes during the practice of relaxation technics] Gallois P. **Encephale** 1984; 10(3):139–44 (Eng. Abstr.) **(Fre)**

[Methods of autoregulation and the physician] Borgeat F. **Union Med Can** 1984 Dec;113(12):1049–51 (Eng. Abstr.) **(Fre)**

[Biofeedback and relaxation therapy for patients with migraine and tension headaches] Woolley-Hart A. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Nov; 36(11):649–54 (Eng. Abstr.) **(Ger)**

[Relaxation therapy and biofeedback in hypertension] Nomura S, et al. **Nippon Rinsho** 1985 May;43(5):1037–40 **(Jpn)**

[Psychological methods in the treatment of essential hypertension] Richter-Heinrich E, et al. **Kardiologiia** 1985 Jan;25(1):86–8 **(Rus)**

ADVERSE EFFECTS

Relaxation and depersonalization [letter] Edinger JD. **Br J Psychiatry** 1985 Jan;146:103

RELAXIN

ADMINISTRATION & DOSAGE

The effect of porcine relaxin vaginally applied at human embryo transfer in an in vitro fertilization programme. MacLennan AH, et al. **Aust NZ J Obstet Gynaecol** 1985 Feb;25(1):68–71

ANALOGS & DERIVATIVES

[A0-phenylalanyl] relaxin (porcine): an active intermediate. Bullesbach EE, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):130–5

ANALYSIS

Ultrastructural localization of relaxin in the corpus luteum of the nonpregnant, pseudopregnant, and pregnant pig

Fields PA, et al. **Biol Reprod** 1985 Jun;32(5):1169–79

Relaxin gene expression in human ovaries and the predicted structure of a human preprorelaxin by analysis of cDNA clones. Hudson P, et al. **EMBO J** 1984 Oct;3(10):2333–9

Immunoreactive relaxin surge in the peritoneal fluid of women during the midluteal phase. Loumaye E, et al. **Fertil Steril** 1984 Dec;42(6):856–60

Immunocytochemical localization of relaxin in human decidua and placenta. Koay ES, et al **J Clin Endocrinol Metab** 1985 May;60(5):859–63

Immunocytochemical studies of relaxin in ovaries of pregnant and cycling mice. Vaupel MR, et al. **J Histochem Cytochem** 1985 Apr;33(4):303–8

The occurrence of relaxin in hyperstimulated human preovulatory follicles collected in an in vitro fertilization program. Yki-Järvinen H, et al. **J In Vitro Fert Embryo Transfer** 1984 Sep;1(3):180–2

BIOSYNTHESIS

Relaxin in the pregnant baboon: evidence for local production in reproductive tissues. Castracane VD, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):133–6

BLOOD

Relaxin activity in the pregnant cat. Stewart DR, et al. **Biol Reprod** 1985 May;32(4):848–54

Maintenance of pregnancy and levels of progesterone and relaxin in the serum of gilts following a stepwise reduction in the number of corpora lutea. Thomford PJ, et al. **Biol Reprod** 1984 Oct;31(3):494–8

Influence of litter size on antepartum serum relaxin and progesterone immunoactivity levels and on birth in the rat. Sherwood OD, et al. **Endocrinology** 1985 Jun; 116(6):2554–62

Relaxinlike bioactivity in pooled human pregnancy serum. Brenner SH, et al. **Obstet Gynecol** 1985 Jul;66(1):46–9

Elevated serum relaxin levels in multiple pregnancy after menotropin treatment. Haning RV Jr, et al. **Obstet Gynecol** 1985 Jul;66(1):42–5

Effects of aminoglutethimide on cervical dilatability and serum immunoreactive relaxin in pregnant rats. Steinetz BG, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):101–4

GENETICS

Two human relaxin genes are on chromosome 9. Crawford RJ, et al. **EMBO J** 1984 Oct;3(10):2341–5

Relaxin gene expression in human ovaries and the predicted structure of a human preprorelaxin by analysis of cDNA clones. Hudson P, et al. **EMBO J** 1984 Oct;3(10):2333–9

METABOLISM

Pregnant mouse corpora lutea: immunocytochemical localization of relaxin and ultrastructure. Anderson MB, et al. **Biol Reprod** 1984 Sep;31(2):391–7

Relaxin concentrations in endometrial, placental, and ovarian tissues and in sera from ewes during middle and late pregnancy. Renegar RH, et al. **Biol Reprod** 1985 May; 32(4):840–7

Effect of oestradiol-17 beta on ovarian and serum concentrations of relaxin during the second half of pregnancy in the rat. Lao Guico MS, et al. **J Reprod Fertil** 1985 May;74(1):65–70

PHARMACODYNAMICS

Relaxin-induced changes in adenosine 3',5'-monophosphate levels in the human cervix. Norström A, et al. **Acta Endocrinol (Copenh)** 1985 May;109(1):122–5

The morphologic characteristics of cervical ripening induced by the hormones relaxin and prostaglandin F2 alpha in a rabbit model. MacLennan AH, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):691–6

Effects of relaxin and insulin on reproductive tract size and early fetal loss in Squalus acanthias. Koob TJ, et al. **Biol Reprod** 1984 Sep;31(2):231–8

The effect of relaxin on cyclic adenosine 3',5'-monophosphate concentrations in rat myometrial cells in culture. Hsu CJ, et al. **Endocrinology** 1985 May; 116(5):2029–35

The effect of relaxin on the motility of sperm in freshly thawed human semen. Lessing JB, et al. **Fertil Steril** 1985 Sep;44(3):406–9

Effects of relaxin on the mouse mammary gland. I. The myoepithelial cells. Bani G, et al. **J Endocrinol Invest** 1985 Jun;8(3):207–15

Relaxin inhibits the plateau component of the action potential in the circular myometrium of the rat. Chamley WA, et al. **J Physiol (Lond)** 1984 Aug;353:51–65

Effect of estradiol and relaxin on collagen and non-collagen protein synthesis by mammary fibroblasts. Sheffield LG, et al. **Life Sci** 1984 Nov 26;35(22):2199–203

Stimulation of rat uterine collagen synthesis by relaxin. Frieden EH, et al. **Proc Soc Exp Biol Med** 1985 Oct; 180(1):39–43

PHYSIOLOGY

The physiological role of relaxin in the pregnant rat. I. The influence of relaxin on parturition. Downing SJ, et al. **Endocrinology** 1985 Mar;116(3):1200–5

The physiological role of relaxin in the pregnant rat. III. The influence of relaxin on cervical extensibility. Downing SJ, et al. **Endocrinology** 1985 Mar;116(3):1215–20

The physiological role of relaxin in the pregnant rat. II. The influence of relaxin on uterine contractile activity. Downing SJ, et al. **Endocrinology** 1985 Mar;116(3):1206–14

Relaxin. Kemp BE, et al. **Vitam Horm** 1984;41:79–115 (117 ref.)

SECRETION

Induction of relaxin secretion in rhesus monkeys by human chorionic gonadotropin: dependence on the age of the corpus luteum of the menstrual cycle. Ottobre JS, et al. **Biol Reprod** 1984 Dec;31(5):1000–6

RELAXING FACTOR see **MUSCLE RELAXING FACTOR**

RELIEF WORK see under **DISASTERS**

RELIGION

Spiritual and religious concerns of the hospitalized adolescent. Silber TJ, et al. **Adolescence** 1985 Spring; 20(77):217–24

The neglected crisis. Ryan J. **Am J Nurs** 1984 Oct; 84(10):1257–8

Perinatal and maternal mortality in a religious group avoiding obstetric care. Kaunitz AM, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):826–31

Nuclear death: an unprecedented challenge to psychiatry and religion. Frank JD. **Am J Psychiatry** 1984 Nov; 141(11):1343–8

Factors affecting birthweights in Hindus, Moslems and Europeans. McFadyen IR, et al. **Br J Obstet Gynaecol** 1984 Oct;91(10):968–72

Family size and religious denomination in Northern Ireland. Compton PA, et al. **J Biosoc Sci** 1985 Apr;17(2):137–45

Religion, age, life satisfaction, and perceived sources of religiousness: a study of older persons. Hunsberger B. **J Gerontol** 1985 Sep;40(5):615–20

Dietary relationships with fatal colorectal cancer among Seventh-Day Adventists. Phillips RL, et al. **JNCI** 1985 Feb;74(2):307–17

Creationism in confusion? [letter] Andrews EH. **Nature** 1984 Nov 29-Dec 5;312(5993):396

US textbooks. Californian setback for evolutionists [news] Beardsley T. **Nature** 1985 Sep 5–11;317(6032):3

Spiritual support for the dying. Conrad NL. **Nurs Clin North Am** 1985 Jun;20(2):415–26

[An unpublished text of Pierre Janet on beliefs] Fusswerk-Fursay J. **Ann Med Psychol (Paris)** 1984 May; 142(5):703–10 **(Fre)**

[The prayer of the anxious patient] Legrand RG. **Union Med Can** 1985 Jan;114(1):81 **(Fre)**

[Psychiatric aspects of new religious sects] Lavik NJ. **Tidsskr Nor Laegeforen** 1985 Feb 28;105(6):410–2 (Eng. Abstr.) **(Nor)**

RELIGION AND MEDICINE

Alcohol abuse in the Old Testament. Seller SC. **Alcohol Alcohol** 1985;20(1):69–76

'Bulimia' has different meanings [letter] Vandereycken W. **Am J Psychiatry** 1985 Jan;142(1):141–2

Does a vegetarian diet reduce the occurrence of diabetes? Snowdon DA, et al. **Am J Public Health** 1985 May; 75(5):507–12

The secularization of pain. Caton D. **Anesthesiology** 1985 Apr;62(4):493–501

Judaism and medical ethics [letter] Rosner F. **Ann Intern Med** 1984 Nov;101(5):721–2

Jewish and Moslem aspects of in vitro fertilization and embryo transfer. Schenker JG. **Ann NY Acad Sci** 1985; 442:601–7

Artificial and baboon heart implantation: the Jewish view [letter] Rosner F. **Arch Intern Med** 1985 Jul;145(7):1330

Euthanasia. Rayner K. **Aust NZ J Med** 1984 Oct;14(5):697–9

Deontological foundations for medical ethics? Gillon R. **Br Med J [Clin Res]** 1985 May 4;290(6478):1331–3

Medical clergy: square pegs in holy holes? Leiper K. **Br Med J [Clin Res]** 1984 Dec 22–29;289(6460):1748–9

The stigmata: pathology or miracle? Simpson CJ. **Br Med J [Clin Res]** 1984 Dec 22–29;289(6460):1746–8

The holy war. Donovan P. **Fam Plann Perspect** 1985 Jan–Feb;17(1):5–9

Physicians and healing personnel in the works of Flavius Josephus. Kottek SS. **Gesnerus** 1985;42(1–2):47–65

Religious justifications for donating body parts. May WF. **Hastings Cent Rep** 1985 Feb;15(1):38–42

Institutionalizing social support through the church and into the community. Eng E, et al. **Health Educ Q** 1985 Spring; 12(1):81–92

Rejoinder to 'medicine as patriarchal religion'. Abrams FR. **J Med Philos** 1984 Aug;9(3):313–20

Women, medicine and religion: a response to Raymond and Abrams. Rawlinson MC. **J Med Philos** 1984 Aug;9(3):321–6

Suicide and family loading for affective disorders. Egeland JA, et al. **JAMA** 1985 Aug 16;254(7):915–8

Salt content of kosher meat [letter] Glick SM. **JAMA** 1985 Jul 26;254(4):504

Leprosy—the Moslem attitude. Ahmed Mohamed HA. **Lepr Rev** 1985 Mar;56(1):17–21

Conflict to coexistence: Christian Science and medicine. Fox M. **Med Anthropol** 1984 Fall;8(4):292–301

The interface of medicine, religion, and the law: religious objections to medical treatment. Hirsh HL, et al. **Med Law** 1985;4(2):121–39

Transfer of Greek knowledge to Western civilization. The Arab connection. Bonnabeau RC Jr. **Minn Med** 1985 May; 68(5):381–2

Thoughts on the beliefs of religious and medical institutions. Warshauer AD. **NC Med J** 1985 Jan;46(1):29–32

Tay-Sachs disease: knowledge and attitudes of the rabbinical community. Abuelo DN, et al. **RI Med J** 1985 May; 68(5):225–6

Survival rates among Seventh Day Adventists compared with the general population in Poland. Jedrychowski W, et al. **Scand J Soc Med** 1985;13(2):49–52

Connecticut church passes genetics resolution [news] Culliton BJ. **Science** 1984 Nov 9;226(4675):674

Prevalence of inflammatory bowel disease amongst Mormons in Britain and Ireland. Penny WJ, et al. **Soc Sci Med** 1985; 21(3):287–90

[Religion confronting insemination] Demoulin A. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(4):449–52 (Eng. Abstr.) **(Fre)**

[Problems in the refusal of blood transfusion] Riegler R. **Anaesthesist** 1985 Feb;34(2):55–8 (Eng. Abstr.) **(Ger)**

[Open heart surgery in Jehovah's Witnesses] Gombotz H, et al. **Wien Klin Wochenschr** 1985 Jun 7;97(12):525–30 (Eng. Abstr.) **(Ger)**

[Halacha (Jewish traditional law) and corneal graft implantation] Spirer A. **Harefuah** 1983 Oct 16;105(8):232–3 (Eng. Abstr.) **(Heb)**

[The monastic pharmacy of the Brothers of the Order of St. John of God and its conversion to a public service institution] Pabis-Braunstein M. **Arch Hist Med (Warsz)** 1985;48(1):63–9 (Eng. Abstr.) **(Pol)**

[History of the Sisters of Charity in the St. Anthony district hospital in Włocławek (1877–1966)] Rejmanowski T. **Arch Hist Med (Warsz)** 1984;47(3):433–8 (Eng. Abstr.) **(Pol)**

[The patron saint of eye disease sufferers] Orlowski WJ. **Klin Oczna** 1984 May;86(5):231–5 **(Pol)**

RELIGION AND PSYCHOLOGY

Cross-cultural study of religious phenomenology in psychiatric in-patients. Ndetei DM, et al. **Acta Psychiatr Scand** 1985 Jul;72(1):59–62

Influence of family and religion on long-term outcomes among opioid addicts. Hater JJ, et al. **Adv Alcohol Subst Abuse** 1984 Fall;4(1):29–40

Are religious compulsions religious or compulsive: a phenomenological study. Greenberg D. **Am J Psychother** 1984 Oct;38(4):524–32

Shared religious belief as resistance in psychotherapy. Kehoe N, et al. **Am J Psychother** 1984 Oct;38(4):579–85

The reality and the image of God in psychotherapy. Spero MH. **Am J Psychother** 1985 Jan;39(1):75–85

Buddhism and behaviour modification. de Silva P. **Behav Res Ther** 1984;22(6):661–78

Drug use and religious affiliation, feelings and behaviour. Adlaf EM, et al. **Br J Addict** 1985 Jun;80(2):163–71

Differences between pastoral counseling and psychotherapy. Bollinger RA. **Bull Menninger Clin** 1985 Jul;49(4):371–86

The encounter of Christian theology with deterministic psychology and psychoanalysis. Burnham JC. **Bull Menninger Clin** 1985 Jul;49(4):321–52

Millerism and madness. A study of 'religious insanity' in nineteenth-century America. Numbers RL, et al. **Bull Menninger Clin** 1985 Jul;49(4):289–320

Forms and functions of the imagination in religion. Pruyser PW. **Bull Menninger Clin** 1985 Jul;49(4):353–70

Psychiatric consultation in Catholic annulment proceedings. Young JL, et al. **Hosp Community Psychiatry** 1985 Apr; 36(4):346–7

Cult groups and the narcissistic personality: the offer to heal defects in the self. Kriegman D, et al. **Int J Group Psychother** 1985 Apr;35(2):239–61

Growing up in 'Geula': socialization and family living in an ultra-orthodox Jewish subculture. Goshen-Gottstein ER. **Isr J Psychiatry Relat Sci** 1984;21(1):37–55

The illusion of no future: psychoanalysis and religion. Robinson LH. **J Am Acad Psychoanal** 1985 Apr; 13(2):211–28

On the persistence of very early memory traces in psychoanalysis, myth, and religion. Almansi RJ. **J Am Psychoanal Assoc** 1983;31(2):391–421

Comment on 'Religiosity and United States suicide rates, 1972–1978'. Holmes CB. **J Clin Psychol** 1985 Jul;41(4):580

Religiosity and United States suicide rates, 1972–1978. Martin WT. **J Clin Psychol** 1984 Sep;40(5):1166–9

Mental health concepts of evangelical Protestants. McLatchie LR, et al. **J Psychol** 1984 Nov;118(2ND Half):147–59

In search of the saddiq: visitational dreams among Moroccan Jews in Israel. Bilu Y, et al. **Psychiatry** 1985 Feb; 48(1):83–92

Ritual man: on the outside of Herbert's poetry. Kerrigan W. **Psychiatry** 1985 Feb;48(1):68–82

Sin and mental illness in the Middle Ages. Kroll J, et al. **Psychol Med** 1984 Aug;14(3):507–14

Attitudes of fundamentalists toward homosexuality. Maret SM. **Psychol Rep** 1984 Aug;55(1):205–6

The imitation of madness: the influence of psychopathology upon culture. Littlewood R. **Soc Sci Med** 1984;19(7):705–15

Psychiatric illness and the role of religion in a developing country [letter] Schmutzhard E. **Trop Doct** 1984 Oct; 14(4):166

[Sabbatai Zwi--a false Jewish Messiah. Case report on religious psychopathology] Barocka A. **Schweiz Arch Neurol Psychiatr** 1985;136(3):43-54 (Eng. Abstr.) **(Ger)**

[Psychiatric aspects of new religious sects] Lavik NJ. **Tidsskr Nor Laegeforen** 1985 Feb 28;105(6):410-2 (Eng. Abstr.) **(Nor)**

RELIGION AND SCIENCE

Transfer of Greek knowledge to Western civilization. The Arab connection. Bonnabeau RC Jr. **Minn Med** 1985 May; 68(5):381-2

RELIGION AND SEX

OCTOPUS--a church-based sex education program for teens and parents. Jacknik M, et al. **Adolescence** 1984 Winter;19(76):757-63

High-risk population for Down syndrome: orthodox Jews in Jerusalem. Sharav T. **Am J Ment Defic** 1985 Mar; 89(5):559-61

The Adolescent Family Life Act and the promotion of religious doctrine. Donovan P. **Fam Plann Perspect** 1984 Sep-Oct;16(5):222-8

Contraception and religiousness in a general practice population in Israel. Sandiuk A, et al. **Fam Pract** 1984 Mar; 1(1):37-41

Religion and intensity of inbreeding in Tamil Nadu, South India. Rao PS. **Soc Biol** 1983 Winter;30(4):413-22

RELIGIOUS BELIEFS see **RELIGION**

REMEDIAL TEACHING

The themes and consequences of consultations between a psychiatrist and a tutorial class teacher working with children from a deprived inner-city area. Marks F, et al. **Child Care Health Dev** 1985 Mar-Apr;11(2):61-9

The effects of an intraclass peer tutoring program on the sight-word recognition ability of students who are mildly mentally retarded. Carlton MB, et al. **Ment Retard** 1985 Apr;23(2):74-8

Treatment versus non-treatment in reduction of symbol reversals by first grade children. Heydorn BL. **Percept Mot Skills** 1984 Aug;59(1):36-8

Normal peers' reactions toward autistic children following a tutoring experience. Prather JH, et al. **Psychol Rep** 1984 Dec;55(3):887-92

METHODS

The effect of a twelve-week dropout intervention program. Caliste ER. **Adolescence** 1984 Fall;19(75):649-57

Prevention by specific perceptual remediation for vulnerable first-graders. Controlled study and follow-up of lasting effects. Arnold LE, et al. **Arch Gen Psychiatry** 1977 Nov; 34(11):1279-94

Handicapped adolescents as cross-age tutors: program description and evaluation. Maher CA. **Except Child** 1984 Sep;51(1):56-63

Computerized video tasks as training techniques for driving-related perceptual deficits of persons with brain damage: a pilot evaluation. Sivak M, et al. **Int J Rehabil Res** 1984;7(4):389-98

Remediation of memory disorders: experimental evaluation of the spaced-retrieval technique. Schacter DL, et al. **J Clin Exp Neuropsychol** 1985 Feb;7(1):79-96

REMISSION, SPONTANEOUS see under **DISEASE**

RENAL ARTERY

Therapeutic percutaneous renal artery occlusion with a detachable balloon. Abrass CK, et al. **Am J Nephrol** 1984; 4(5):317-21

Renal infarction. Goldberg G. **Ann Emerg Med** 1985 Jun; 14(6):611-4

Cannibalization of a gore-tex aortohepatic graft by the duodenum. Monson JR, et al. **Br J Surg** 1985 Feb;72(2):101

Nonsurgical treatment of childhood hypertension: embolization of an intrarenal aneurysm. D'Souza VJ, et al. **Cardiovasc Intervent Radiol** 1984;7(5):229-31

Intraarterial ethanol as a long-term occlusive agent in renal, hepatic, and gastrosplenic arteries of pigs. Latshaw RF, et al. **Cardiovasc Intervent Radiol** 1985;8(1):24-30

Hemorrhagic renal angiomyolipoma: superselective renal arterial embolization for preservation of renal function. Sanchez FW, et al. **Cardiovasc Intervent Radiol** 1985; 8(1):39-42

Transcatheter renal artery embolization in the treatment of infected cutaneous ureterostomy. Greenstein A, et al. **Int Surg** 1985 Jan-Mar;70(1):85-6

Ventricular fibrillation. A complication and hazard of transcatheter obliteration of the renal artery with absolute ethanol in dogs. Kusano S, et al. **Invest Radiol** 1985 Jan-Feb;20(1):36-41

Alteration in starch microsphere degradation following contrast angiography in the dog kidney. Mir S, et al. **Invest Radiol** 1984 Mar-Apr;19(2):119-22

Renal artery graft-to-duodenum fistula: unusual presentation of a recurrent flank abscess. King RM, et al. **J Cardiovasc Surg (Torino)** 1985 Sep-Oct;26(5):509-11

Primary diagnosis of abdominal arteriovenous fistula by MR imaging. Amparo EG, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1140-2

Renal artery embolization to control urinary cutaneous fistula after partial resection of a horseshoe kidney. Freeman MP, et al. **J Urol** 1985 Apr;133(4):662-3

Echo-free renal masses on ultrasound: the stethoscope as an adjunct to their diagnosis. Suarez R, et al. **Postgrad Med J** 1985 Apr;61(714):363-4

Percutaneous angioplasty in clinical management of renovascular hypertension: initial and long-term results. Martin LG, et al. **Radiology** 1985 Jun;155(3):629-33

Magnetic resonance imaging following unilateral occlusion of the renal circulation in rabbits. Yuasa Y, et al. **Radiology** 1985 Jan;154(1):151-6

Renal artery angioplasty. Technical considerations and results. Kadir S, et al. **ROFO** 1984 Oct;141(4):378-83

Lymph node dissection, renal artery embolization and other aspects of the management of renal carcinoma. Chisholm GD, et al. **Turk J Pediatr** 1984;26(1-4):211-9

Characterization of effector cells mediating the augmentation of spontaneous cell-mediated cytotoxicity induced by therapeutic infarction of human renal carcinomas. Johnson G, et al. **Urol Int** 1984;39(4):236-40

Dynamic CT diagnosis of primary dissecting aneurysm of the renal artery. Hare WS. **Urol Radiol** 1985;7(2):106-8

Construction and experimental application of a catheter for selective arterial kidney perfusion in situ. Kehrer G, et al. **Urol Res** 1985;13(2):85-9

Sonographic demonstration of renal arterial calcification simulating multiple renal calculi. Gould RJ, et al. **Urology** 1985 Mar;25(3):330-1

Renal arteriovenous fistula following nephrectomy. Lacombe M. **Urology** 1985 Jan;25(1):13-6

Dissecting aneurysm of renal artery. Reversible cause of high-renin hypertension. Paul M, et al. **Urology** 1984 Nov; 24(5):483-4

[Surgical treatment of adenocarcinoma of the kidneys after prior embolization of the renal artery] Klemenc J, et al. **Cas Lek Cesk** 1984 Dec 28;123(52):1595-8 (Eng. Abstr.) **(Cze)**

[Medical or surgical treatment of complete occlusion of one renal artery?] Klaaborg KE, et al. **Ugeskr Laeger** 1984 May 14;146(20):1498 (Eng. Abstr.) **(Dan)**

[Arteriovenous-caliceal fistula following biopsy of a transplanted kidney. Treatment by selective arterial embolization] Benoit G, et al. **Ann Urol (Paris)** 1984 May; 18(3):180-2 (Eng. Abstr.) **(Fre)**

[Liquid embolization of the renal artery with absolute ethanol] Nadalini VF, et al. **J Radiol** 1984 Apr;65(4):301-5 (Eng. Abstr.) **(Fre)**

[Acute nontraumatic obstructions of the renal artery] Lacombe M. **Presse Med** 1984 Nov 10;13(40):2425-8 (Eng. Abstr.) **(Fre)**

[A female patient with cardiac insufficiency, hypertension, systolic heart and paraumbilical murmurs] Holler E, et al. **Internist (Berlin)** 1985 Jun;26(6):365-8 **(Ger)**

[Pathophysiology and methods of treatment in renal hypertension in renal artery aneurysms] Urbanski A, et al. **Urologe [Ausg A]** 1985 Jan;24(1):15-9 (Eng. Abstr.) **(Ger)**

[Fibrodysplasia of the renal artery. Clinical, histopathologic and angiographic aspects] Di Giacomo V, et al. **Recenti Prog Med** 1985 Apr;76(4):206-10 (Eng. Abstr.) **(Ita)**

[Intra-arterial injection therapy with ethanol for a patient with renal arteriovenous fistula] Hayakawa M, et al. **Hinyokika Kiyo** 1984 Aug;30(8):1069-74 (Eng. Abstr.) **(Jpn)**

[Two cases of renal arteriovenous fistula] Tajima M, et al. **Hinyokika Kiyo** 1983 Oct;29(10):1295-9 (Eng. Abstr.) **(Jpn)**

[An experimental pathological study on the ischemic kidney induced in rabbits by constriction of the homolateral renal artery] Ishimura E. **Nippon Jinzo Gakkai Shi** 1985 Apr; 27(4):419-38 (Eng. Abstr.) **(Jpn)**

[Report of a case of giant renal artery aneurysm treated by transcatheter nephrectomy] Sawada S, et al. **Rinsho Hoshasen** 1984 Nov;29(12):1431-3 (Eng. Abstr.) **(Jpn)**

[Embolization of the renal arteries in kidney disease] Vozianov AF, et al. **Klin Khir** 1984 Dec;(12):1-3 (Eng. Abstr.) **(Rus)**

[Renal artery aneurysms as a cause of arterial hypertension in children] Spiridonov AA, et al. **Pediatriia** 1984 Oct; (10):47-50 **(Rus)**

[Periarteritis nodosa with predominant involvement of the kidneys and lungs] Evdokimov VG, et al. **Sov Med** 1985; (2):117-9 **(Rus)**

[Preoperative embolization of the renal artery in the surgical treatment of kidney tumors] Glukhov IuD, et al. **Voen Med Zh** 1984 Dec;(12):25-7 **(Rus)**

ABNORMALITIES

Bilateral renal arterial malformation in a haemophiliac. Das G, et al. **J R Coll Surg Edinb** 1984 Jul;29(4):254-5

Intermittent hydronephrosis: a unique feature of ureteropelvic junction obstruction caused by a crossing renal vessel. Hoffer FA, et al. **Radiology** 1985 Sep; 156(3):655-8

Multiple renal arteries [letter] Moar JJ, et al. **S Afr Med J** 1985 Mar 16;67(11):399

Giant vascular malformation of the kidney: computed tomographic and angiographic appearances. Charnsangavej C, et al. **Urol Radiol** 1985;7(1):8-11

Congenital renal arteriovenous fistula (cirsoid aneurysm). Garcia-Gonzalez R, et al. **Urology** 1984 Nov;24(5):495-8

Site of entry of single main renal artery. Angiographic study. Garti I, et al. **Urology** 1984 Dec;24(6):639-42

[Unusual developmental anomaly of the renal artery: left renal artery originating from the right renal artery] Kónya A, et al. **Orv Hetil** 1985 Mar 17;126(11):657-8 (Eng. Abstr.) **(Hun)**

[Cirsoid intrarenal arteriovenous malformation. Report of 2 cases, with special reference to review of 74 cases in Japan] Hiraga S, et al. **Hinyokika Kiyo** 1984 Sep;30(9):1213-23 (Eng. Abstr.) **(Jpn)**

[Pyeloureteral junction and aberrant vessel syndrome] Vexler L, et al. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct-Dec; 88(4):731-2 (Eng. Abstr.) **(Rum)**

ANALYSIS

Renovascular distribution of NPY and its vasoconstrictor and natriuretic properties. Raine AE, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1957-60

ANATOMY & HISTOLOGY

[MR measurements on a perfused renal artery model with pulsatile flow] Allgayer B, et al. **ROFO** 1985 Jan; 142(1):95-8 (Eng. Abstr.) **(Ger)**

[Structure of the wall of the renal artery during limitation of motor activity] Belousova GN. **Arkh Anat Gistol Embriol** 1984 Oct;87(10):21-5 (Eng. Abstr.) **(Rus)**

CYTOLOGY

Detection of endothelium in cerebral blood vessels. Abrol RP, et al. **J Pharmacol Methods** 1984 Oct;12(3):213-9

DRUG EFFECTS

Angiographic evaluations on the influence of vasoactive drugs in renal vascular compartments. Feltrin GP, et al. **Ann Radiol (Paris)** 1985;28(2):204-7

Nafazatrom (BAY g 6575), a potent stimulator of prostacyclin release from cardiac and renal vessel wall. Klitzke AK. **Arch Int Pharmacodyn Ther** 1984 Oct;271(2):220-8

Responses of the pig isolated renal artery to transmural electrical stimulation and drugs. Ferguson DR, et al. **Br J Pharmacol** 1985 Apr;84(4):879-82

Activation mechanisms of human renal artery: effects of KCl, norepinephrine and nitrendipine upon tension development and 45Ca influx. Loutzenhiser R, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):47-52

Effects of nitroprusside and D 600 on norepinephrine- and KCl-stimulated Ca++ activation and contraction systems in canine renal vein as compared to canine renal artery. Hester RK, et al. **J Cardiovasc Pharmacol** 1984 Sep-Oct; 6(5):762-71

ENZYMOLOGY

Age-associated decrease of dopamine-sensitive adenylate cyclase in rabbit renal artery. Amenta F, et al. **Neurosci Lett** 1984 Oct 26;51(3):309-13

INJURIES

Combined renal and vena caval trauma: a review of personal and recorded experience. Peterson NE, et al. **J Urol** 1985 Apr;133(4):567-74

Renal artery injury from a Fogarty balloon catheter. Charlesworth PM, et al. **J Vasc Surg** 1984 Jul;1(4):573-6

CT diagnosis of renal pedicle injury. Sclafani SJ, et al. **Urol Radiol** 1985;7(2):63-8

[A case report of successful control of traumatic bleeding by superselective transcatheter embolization in the solitary kidney] Nakamura K, et al. **Rinsho Hoshasen** 1985 Mar; 30(3):425-8 (Eng. Abstr.) **(Jpn)**

[Severe hemorrhage secondary to a post-surgical iatrogenic renal pseudoaneurysm: embolization] Gutiérrez R, et al. **Arch Esp Urol** 1985 Jan-Feb;38(1):9-13 (Eng. Abstr.) **(Spa)**

METABOLISM

Fluid uptake in the renal papilla by vasa recta estimated by two methods simultaneously. Zimmerhackl B, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):F347-53

Effects of calcium antagonists and calmodulin inhibitors on angiotensin II-induced prostaglandin productions in the isolated dog renal arteries. Satoh H, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):464-70

Countercurrent diffusion in the renal cortex of the rabbit. Effros RM, et al. **Circ Res** 1984 Oct;55(4):463-7

Enhanced protein synthesis in the renal arteries of genetically hypertensive rats: its possible role in causing hypertension. Nakada T. **Int Urol Nephrol** 1985;17(1):71-8

Renin gene expression in vessels of the ovine renal cortex. Darby IA, et al. **J Hypertens** 1985 Feb;3(1):9-11

Changes of [3H]spiroperidol binding in the renal artery of aged rabbits. Collier WL, et al. **Mech Ageing Dev** 1984

Nov;28(1):41-5
Distinctive effect of angiotensin II on prostaglandin production in dog renal and femoral arteries. Satoh H, et al. **Prostaglandins** 1984 Jun;27(6):807-20

PATHOLOGY

Intimal lesions of renal interlobular arteries with reference to age, chronic nephritis and arterial blood pressure. Miechowiecka N. **Acta Med Pol** 1983;24(1-4):1-23
Adaptation and decompensation of intrarenal small arteries in experimental hypertension. Helmchen U, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 4:S696-705
Morphometric study of mesenteric and renal arteries in spontaneously hypertensive rats. Nordborg C, et al. **J Hypertens** 1983 Dec;1(4):333-8
Vascular architecture modifications in the steroid-induced polycystic kidney. Ros MA, et al. **Nephron** 1985; 40(3):332-40

PHYSIOLOGY

Angiotensin II natriuresis and antinatriuresis: role of renal artery pressure, renal hemodynamics, and tubular reabsorption. Olsen ME, et al. **Acta Med Scand [Suppl]** 1985;693:81-8
Prostaglandins in the sodium excretory response to altered renal arterial pressure in dogs. Carmines PK, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F8-14
Prostaglandin synthesis inhibitors and vasa recta erythrocyte velocities in the rat. Lemley KV, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F562-7
Mechanisms of angiotensin II natriuresis and antinatriuresis. Olsen ME, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F299-307
Interactions among renal nerves, prostaglandins, and renal arterial pressure in the regulation of renin release. Osborn JL, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F706-13
Effect of PGE2 on isolated renal artery from rabbit. Bredy-Dobreva G, et al. **Biomed Biochim Acta** 1984; 43(8-9):S307-10
Renal ischemic injury in the dog: characterization and effect of various pharmacologic agents. Lewis RM, et al. **J Lab Clin Med** 1984 Oct;104(4):470-9
Direct relationship between renal arterial pressure and plasma renin activity in conscious rats. Imagawa J, et al. **Jpn J Pharmacol** 1984 Aug;35(4):481-4

PHYSIOPATHOLOGY

Intrarenal arteries in rats with early two-kidney, one clip hypertension. Helmchen U, et al. **Hypertension** 1984 Nov-Dec;6(6 Pt 2):III87-92

RADIOGRAPHY

Transcatheter embolization of splanchnic arterial aneurysms. Report of two cases. Sawada S, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(5):391-3
Renal function following nephroangiography with diatrizoate. Effects of saline, mannitol, and diatrizoate on renal blood flow, glomerular permeability and filtration rate and diuresis in dogs. Törnquist C, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(4):343-50
Intraarterial digital subtraction angiography in hypertensive azotemic patients. Illescas FF, et al. **AJR** 1984 Nov; 143(5):1065-7
Recognition and management of renovascular hypertension [clinical conference] Kerlan RK Jr, et al. **AJR** 1985 Jul; 145(1):119-22
Peripheral renal vascular disease in essential hypertension: hemodynamic, angiographic, and endocrine assessment. Arlart IP, et al. **Cardiovasc Intervent Radiol** 1984;7(5):221-8
Case report of translumbar renal angiography and embolization. Bechtel W, et al. **Cardiovasc Intervent Radiol** 1984;7(5):232-3
Interobserver variability in assessing renal artery stenosis by digital subtraction angiography. de Vries AR, et al. **Diagn Imag Clin Med** 1984;53(6):277-81
Computed tomography detection of transplant renal artery pseudoaneurysm. Raval B, et al. **J Comput Tomogr** 1985 Apr;9(2):149-51
Screening for renovascular hypertension. Is renal digital-subtraction angiography the preferred noninvasive test? Havey RJ, et al. **JAMA** 1985 Jul 19;254(3):388-93
Renal artery digital-subtraction angiography. An outpatient investigation for renovascular hypertension. Jackson B, et al. **Med J Aust** 1985 Jan 7;142(1):18-21
Renal artery DSA for hypertension [letter] Khan HA, et al. **Med J Aust** 1985 Apr 1;142(7):428
Detection of renal tubular lesions after abdominal aortography and selective renal arteriography by quantitative measurements of brush-border enzymes in the urine. Hartmann HG, et al. **Nephron** 1985;39(2):95-101
'Macro' aneurysm in renal angiomyolipoma: two cases, with therapeutic embolization in one patient. Adler J, et al. **Urol Radiol** 1984;6(3-4):201-3
[The angiographic evaluation of rejection of renal transplants] Chang ZJ. **Chung Hua Fang She Hsueh Tsa Chih** 1984 May; 18(2):108-10 (Eng. Abstr.) **(Chi)**
[Radiologic anatomy of the renal artery and its variations among the Chinese] Zhang LR. **Chung Hua Fang She Hsueh Tsa Chih** 1985 Feb;19(1):21-4 (Eng. Abstr.) **(Chi)**
[Arteriovenous fistula of the left renal pedicle detected 30 years after nephrectomy] Joyeux A, et al. **J Chir (Paris)** 1984 Aug-Sep;121(8-9):487-90 (Eng. Abstr.) **(Fre)**
[Digital substraction angiography in the diagnosis of kidney carcinomas] Starck E, et al. **Digitale Bilddiagn** 1985 Jun; 5(2):89-95 (Eng. Abstr.) **(Ger)**
[Arteriovenous aneurysm. Presentation of a case] Fontana F, et al. **Radiol Med (Torino)** 1984 May;70(5):324-6 **(Ita)**
[Evaluation of renal intra-arterial digital subtraction angiography (IA-DSA)] Katayama K, et al. **Rinsho Hoshasen** 1985 May;30(5):573-8 (Eng. Abstr.) **(Jpn)**
[Report of a case of giant renal artery aneurysm treated by transcatheter nephrectomy] Sawada S, et al. **Rinsho Hoshasen** 1984 Nov;29(12):1431-3 (Eng. Abstr.) **(Jpn)**
[Clinical aspects, angiographic picture and morphological characteristics of renal artery aneurysm] Kniazev MD, et al. **Klin Med (Mosk)** 1984 Oct;62(10):106-10 (Eng. Abstr.) **(Rus)**
[Case of intrarenal aneurysm of a congenital solitary left kidney] Antonov NM, et al. **Vestn Rentgenol Radiol** 1985 May-Jun;(3):87-8 **(Rus)**
[Renal angiography following anatrophic nephrotomy in coralliform lithiasis] Ruiz Marcellán FJ, et al. **Actas Urol Esp** 1985 Jan-Feb;9(1):63-8 (Eng. Abstr.) **(Spa)**
[Angiographic evaluation of carcinoma] Virseda JA, et al. **Actas Urol Esp** 1984 Sep-Oct;8(5):359-68 (Eng. Abstr.) **(Spa)**

RADIONUCLIDE IMAGING

[Primary and metastatic foci of renal cell carcinoma demonstrated by renal radionuclide angiography] Hirakata R, et al. **Kaku Igaku** 1984 Nov;21(11):1527-30 **(Jpn)**
[Potentials for studying the circulation of the kidneys by radioangiography] Dmitrienkov BN, et al. **Vestn Akad Med Nauk SSSR** 1984;(9):47-51 (Eng. Abstr.) **(Rus)**

SURGERY

Intraarterial digital subtraction angiography of renal transplants. Picus D, et al. **AJR** 1985 Jul;145(1):93-6
Isolated renal artery and combined aortic and renal artery reconstruction for renovascular hypertension. Late results of surgical treatment. Mattila T, et al. **Ann Clin Res** 1985; 17(1):19-23
Retrieval of renal function by revascularization. Study of preoperative outcome predictors. Dean RH, et al. **Ann Surg** 1985 Sep;202(3):367-75
Aneurysms of the renal artery: surgical management with special reference to extracorporeal surgery and autotransplantation. Dubernard JM, et al. **Eur Urol** 1985; 11(1):26-30
Extracorporeal microsurgical repair of injured multiple donor kidney arteries prior to cadaveric allotransplantation. Oesterwitz H, et al. **Eur Urol** 1985;11(2):100-5
The advantage of the thoraco-retroperitoneal approach for aortorenal bypass grafting. Ekeström S, et al. **J Cardiovasc Surg (Torino)** 1984 Sep-Oct;25(5):427-31
Improved renal function after renal artery revascularization. Sicard GA, et al. **J Cardiovasc Surg (Torino)** 1985 Mar-Apr; 26(2):157-61
Extracorporeal replacement of the renal artery: techniques, indications and long-term results. Dubernard JM, et al. **J Urol** 1985 Jan;133(1):13-6
Superior mesenterorenal bypass for renal revascularization with infrarenal aortic occlusion. Khauli RB, et al. **J Urol** 1985 Feb;133(2):188-90
Effect of primary renal disease in patients with renovascular insufficiency. Adams MB, et al. **J Vasc Surg** 1984 May; 1(3):482-6
The fate of human umbilical vein grafts as an infrarenal aortic substitute in monkeys. Guidoin R, et al. **J Vasc Surg** 1985 Sep;2(5):715-23
The role of renal autotransplantation in pediatric and young adult patients with renal artery disease. Jordan ML, et al. **J Vasc Surg** 1985 May;2(3):385-92
Splenorenal bypass in the treatment of renal artery stenosis: experience with sixty-nine cases. Khauli RB, et al. **J Vasc Surg** 1985 Jul;2(4):547-51
Reoperation for complications of renal artery reconstructive surgery undertaken for treatment of renovascular hypertension. Stanley JC, et al. **J Vasc Surg** 1985 Jan; 2(1):133-44
Renal revascularization in the azotemic hypertensive patient resistant to therapy. Ying CY, et al. **N Engl J Med** 1984 Oct 25;311(17):1070-5
Proper management of renal artery injury from blunt trauma. Lock JS, et al. **South Med J** 1985 Apr;78(4):406-10
Renal artery problems. Bergentz SE, et al. **Surg Annu** 1985; 17:199-217 (59 ref.)
Renal autotransplantation versus bypass techniques for renovascular hypertension. Dubernard JM, et al. **Surgery** 1985 May;97(5):529-34
Saccular renal artery aneurysm as a cause of hypertension. Youkey JR, et al. **Surgery** 1985 Apr;97(4):498-501
Arteriovenous fistula after partial nephrectomy--successful surgical repair. Report of a case. Dzsinich C, et al. **Thorac Cardiovasc Surg** 1984 Oct;32(5):325-8
Kidney transplantation. Rational approach to vascular anastomoses. Heaton JP, et al. **Urology** 1984 Oct; 24(4):340-2
[Microsurgery of the renal arteries] Dubernard JM, et al. **Urologe [Ausg A]** 1984 Sep;23(5):251-3 (Eng. Abstr.) **(Ger)**
[Microsurgical extracorporeal renal artery reconstruction. Experimental research on a kidney autotransplant model in dogs] Oesterwitz H, et al. **Z Exp Chir Transplant Kunstliche Organe** 1984;17(4):209-15 (Eng. Abstr.) **(Ger)**
[Renal artery aneurysmectomy by extracorporeal surgery--report of 3 cases] Masuda H, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Oct;75(10):1652-7 (Eng. Abstr.) **(Jpn)**
[Our experience with the surgical treatment of renovascular hypertension] Kniazev MD, et al. **Vestn Khir** 1984 Nov; 133(11):9-13 (Eng. Abstr.) **(Rus)**
[Surgical treatment of vasorenal hypertension in children and adolescents] Pokrovskiĭ AV, et al. **Vestn Khir** 1985 May; 134(5):98-101 (Eng. Abstr.) **(Rus)**
[Reconstructive operations on the affected renal arteries in vasorenal hypertension] Belichenko OI, et al. **Vrach Delo** 1984 Nov;(11):24-7 **(Rus)**

ULTRASTRUCTURE

[A morphopathological study of the kidney in chronic glomerulonephritis. I. Changes in glomeruli, Bowman's capsule, and afferent and efferent arterioles] Ueda M. **Nippon Jinzo Gakkai Shi** 1984 Nov;26(11):1399-417 (Eng. Abstr.) **(Jpn)**

RENAL ARTERY OBSTRUCTION

BLOOD

Inverse relation of exchangeable sodium and blood pressure in hypertensive patients with renal artery stenosis. McAreavey D, et al. **J Hypertens** 1983 Oct;1(3):297-302
Goldblatt phenomenon in a single kidney: the importance of subselective renal vein renins. Brueggemeyer C, et al. **South Med J** 1984 Oct;77(10):1312-4

CHEMICALLY INDUCED

Unilateral membranous glomerulopathy during captopril treatment. Smit AJ, et al. **Neth J Med** 1985;28(1):23-7
Alcohol occlusion of segmental renal arteries as alternative to kidney resection. Sylvén M, et al. **Urology** 1985 Apr; 25(4):361-2

COMPLICATIONS

Pseudo-coarctation of the abdominal aorta associated with renovascular hypertension. Kawarabayashi T, et al. **Angiology** 1985 Apr;36(4):215-8
The 'blue toe' syndrome with renal atheroembolism and failure. Zatuchni J, et al. **Angiology** 1985 Apr;36(4):209-14
Bilateral renal artery stenosis [letter] Bursztyn M, et al. **Arch Intern Med** 1984 Nov;144(11):2282
Phaeochromocytoma and renal artery stenosis. Netri G, et al. **Br J Surg** 1985 Mar;72(3):192
Captopril-associated granulocytopenia in hypertension after renal transplantation. Shindo K, et al. **Clin Nephrol** 1984 Dec;22(6):314-6
Symptomatic renal artery stenosis superimposed on chronic glomerulonephritis. Modai D, et al. **Isr J Med Sci** 1985 Apr;21(4):366-9
Extra-adrenal pheochromocytoma with reversible renal artery stenosis. Del Gaudio A. **Ital J Surg Sci** 1984; 14(3):237-40
Nonsurgical management of obstructive aortic thrombosis complicated by renovascular hypertension in the neonate. Malin SW, et al. **J Pediatr** 1985 Apr;106(4):630-4
Secondary hypertension and neurofibromatosis: bilateral renal artery stenosis and coarctation of the abdominal aorta. Tenschert W, et al. **Klin Wochenschr** 1985 Jul 1; 63(13):593-6
Reversible acute renal failure during enalapril treatment in patient with chronic glomerulonephritis without renal artery stenosis [letter] Brivet F, et al. **Lancet** 1985 Jun 29; 1(8444):1512
Successful use of captopril in patient with renal artery stenosis of a solitary kidney [letter] Burris JF, et al. **Lancet** 1985 Jun 29;1(8444):1511-2
Pheochromocytoma, renal artery stenosis, and lymphocytic lymphoma associated with von Recklinghausen's neurofibromatosis. Case report and literature review. Kremen AF, et al. **Minn Med** 1985 Feb;68(2):99-101
Effect of captopril on blood pressure and renal function in patients with transplant renal artery stenosis. van der Woude FJ, et al. **Nephron** 1985;39(3):184-8
Protective effect of prostaglandin E1 on ischemia-induced acute renal failure in dogs. Tobimatsu M, et al. **Surgery** 1985 Jul;98(1):45-53
[Reversible renal failure due to captopril in a patient with renal artery stenosis in a solitary functioning kidney] Lynggaard F, et al. **Ugeskr Laeger** 1985 May 6; 147(19):1549-50 (Eng. Abstr.) **(Dan)**
[Anuria caused by tight stenosis of the renal arteries. 2 cases] Danel O, et al. **Presse Med** 1985 May 18;14(20):1143-5

(Eng. Abstr.) **(Fre)**

[Acute renal insufficiency induced by captopril disclosing renal artery stenosis in a solitary kidney] Chabrier G, et al. **Rev Med Interne** 1985 Jan;6(1):58-61 **(Fre)**

[Causes of hypertension following kidney transplantation with special reference to arterial stenoses] Dreikorn K, et al. **Urologe [Ausg A]** 1985 Jan;24(1):39-45 (Eng. Abstr.) **(Ger)**

[Case of renovascular hypertension caused by renal artery stenosis in congenital single kidney in pelvic ectopy] Dean P, et al. **Minerva Urol Nefrol** 1984 Apr-Jun;36(2):135-8 (Eng. Abstr.) **(Ita)**

[Renovascular hypertension] Siciński A. **Pol Arch Med Wewn** 1984 Jun;71(6):397-404 **(Pol)**

[Fraley's solitary kidney syndrome in an 11-year-old girl] Kacprzyk SS, et al. **Wiad Lek** 1984 Jun 1;37(11):881-3 (Eng. Abstr.) **(Pol)**

[2 cases of acute irreversible renal failure] Ksiażek A, et al. **Wiad Lek** 1984 May 1;37(9):703-8 (Eng. Abstr.) **(Pol)**

CONGENITAL

Neonatal renovascular hypertension: haematoma within the renal arterial wall. A case report. Takahashi G, et al. **Z Kinderchir** 1984 Oct;39(5):341-3

DIAGNOSIS

New approaches to the diagnosis of renovascular hypertension. Maxwell MH, et al. **Adv Nephrol** 1985; 14:285-304 (74 ref.)

Renal artery obstruction. Walters BL, et al. **Ann Emerg Med** 1985 Jun;14(6):607-10

Noninvasive evaluation of renal artery stenosis and renovascular resistance. Experimental and clinical studies. Norris CS, et al. **J Vasc Surg** 1984 Jan;1(1):192-201

Magnetic resonance tissue analysis of acute renal vascular occlusion in the rabbit: enhancement with gadolinium-DTPA complex. Strich G, et al. **Magn Reson Imaging** 1985;3(1):37-42

The value of digital substraction angiography in early renal transplantation course. Fries D, et al. **Transplant Proc** 1984 Oct;16(5):1293-5

[Management of severe hypertension in a patient with arteriopathy] Menard J. **J Mal Vasc** 1985;10 Suppl A:192-3 **(Fre)**

[Renal-transplant artery stenosis--diagnosis and treatment] Native O, et al. **Harefuah** 1984 Aug;107(3-4):78-81 **(Heb)**

[Thermography in the diagnosis of complications after kidney transplantation] Belorusov OS, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):93-7 **(Rus)**

DRUG THERAPY

Local infusion of low-dose streptokinase for renal artery thromboembolism. Gagnon RF, et al. **Can Med Assoc J** 1984 Nov 1;131(9):1089-91

Diagnosis of unilateral renal artery lesions after captopril administration [letter] Grim CE. **JAMA** 1985 Jan 18; 253(3):346-7

ETIOLOGY

The use of captopril to control hypertension in post-transplant renal artery stenosis. Trachtman H, et al. **Clin Nephrol** 1985 Apr;23(4):203-6

The computerized tomography appearance of renal pedicle injury. Steinberg DL, et al. **J Urol** 1984 Dec;132(6):1163-4

Renal failure after embolization of a prosthetic mitral valve disc and review of systemic disc embolization. Schwarcz TH, et al. **J Vasc Surg** 1985 Sep;2(5):697-702

Urologic manifestations of von Recklinghausen neurofibromatosis. Blum MD, et al. **Urology** 1985 Sep; 26(3):209-17 (76 ref.)

[Case of post-traumatic renal artery thrombosis] Bienias B, et al. **Wiad Lek** 1984 May 1;37(9):709-12 (Eng. Abstr.) **(Pol)**

METABOLISM

Changes in active and inactive renin and in angiotensin II across the kidney in essential hypertension and renal artery stenosis. Webb DJ, et al. **J Hypertens** 1984 Dec;2(6):605-14

PATHOLOGY

Fibromuscular dysplasia of middle cerebral and renal arteries. Report of a case with autopsy verification. Kudo M, et al. **Acta Pathol Jpn** 1985 May;35(3):775-80

Renal vascular disease: pathology of large blood vessel disease. Ratliff NB. **Am J Kidney Dis** 1985 Apr; 5(4):A93-103 (28 ref.)

Idiopathic segmental renal infarction. Walsh K, et al. **Urology** 1985 Aug;26(2):164-6

[Adrenal tumors and stenosis of the renal artery] Alvazian AV. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):46 **(Rus)**

PHYSIOPATHOLOGY

Natural history of atherosclerotic and fibrous renal artery disease: clinical implications. Pohl MA, et al. **Am J Kidney Dis** 1985 Apr;5(4):A120-30 (37 ref.)

Captopril-induced renal insufficiency and the role of sodium balance. Hricik DE. **Ann Intern Med** 1985 Aug; 103(2):222-3

Critical perfusion pressure for renal function in patients with bilateral atherosclerotic renal vascular disease. Textor SC, et al. **Ann Intern Med** 1985 Mar;102(3):308-14

Acute haemodynamic responses to unilateral renal artery stenosis in conscious dogs. Anderson WP, et al. **Clin Exp Pharmacol Physiol** 1985 May-Jun;12(3):305-9

Converting enzyme-induced reversible deterioration of renal function in a patient with unilateral renal artery stenosis [letter] Kremer Hovinga TK, et al. **Clin Nephrol** 1984 Aug; 22(2):106-7

Haemodynamics of renal artery stenosis (a comment based on Ohm's law) [letter] Huisman RM, et al. **Clin Sci** 1985 Apr;68(4):479-82

Renovascular hypertension. Dietz R. **Contrib Nephrol** 1984; 43:129-43

The role of angiotensin II in the development of hypertension and in the maintenance of glomerular filtration rate during 48 hours of renal artery stenosis in conscious dogs. Selig SE, et al. **J Hypertens** 1983 Aug;1(2):153-8

Pressor responses to norepinephrine in rabbits with 3-day renal artery stenosis--the role of prostaglandins. Ichikawa S, et al. **Jpn Circ J** 1984 Nov;48(11):1282-4

[Renal function in unilateral atherosclerotic renal artery stenosis] Pereberzev AS, et al. **Vrach Delo** 1985 Jan; (1):88-92 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Attenuation changes of the normal and ischemic canine kidney. Dynamic CT scanning after intravenous contrast medium bolus. Jaschke W, et al. **Acta Radiol [Diagn] (Stockh)** 1985 May-Jun;26(3):321-30

Intraarterial digital subtraction angiography of renal transplants. Picus D, et al. **AJR** 1985 Jul;145(1):93-6

Reversible stenosis of the renal artery following renal transplantation. Chan YT, et al. **Br J Surg** 1985 Jun; 72(6):454-5

Interobserver variability in assessing renal artery stenosis by digital subtraction angiography. de Vries AR, et al. **Diagn Imag Clin Med** 1984;53(6):277-81

Experimental acute renal artery stenosis. Dynamic CT and renal perfusion. Probst P, et al. **Invest Radiol** 1984 Mar-Apr;19(2):87-95

Angiographic density averaging in a case of renal artery intimal fibroplasia and recanalized thrombus. Long SI, et al. **J Natl Med Assoc** 1985 Mar;77(3):232-3, 236

Renal artery occlusion in PAN. Templeton PA, et al. **Radiology** 1985 Aug;156(2):308

Digital substraction arteriography in vascular assessment of renal transplants. Wise M, et al. **Transplant Proc** 1984 Oct; 16(5):1296-7

[Renal artery stenosis and obstruction of aorto-arteritis--a radiologic study of collateral circulation and its function] Zhang LR. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Sep; 12(3):184-7, 238 (Eng. Abstr.) **(Chi)**

SURGERY

Trends in reconstruction for atherosclerotic renal vascular disease. Rieder CF, et al. **Am J Surg** 1984 Dec;148(6):855-9

Improved renal function after renal artery revascularization. Sicard GA, et al. **J Cardiovasc Surg (Torino)** 1985 Mar-Apr; 26(2):157-61

Superior mesenterorenal bypass for renal revascularization with infrarenal aortic occlusion. Khauli RB, et al. **J Urol** 1985 Feb;133(2):188-90

Effect of primary renal disease in patients with renovascular insufficiency. Adams MB, et al. **J Vasc Surg** 1984 May; 1(3):482-6

Splenorenal bypass in the treatment of renal artery stenosis: experience with sixty-nine cases. Khauli RB, et al. **J Vasc Surg** 1985 Jul;2(4):547-51

Concomitant renal revascularization in patients undergoing aortic surgery. Stewart MT, et al. **J Vasc Surg** 1985 May; 2(3):400-5

The occluded renal artery: durability of revascularization. Vogt PA, et al. **J Vasc Surg** 1985 Jan;2(1):125-32

Renal artery problems. Bergentz SE, et al. **Surg Annu** 1985; 17:199-217 (59 ref.)

[Fibrous degeneration of an arterial autograft (letter)] Lacombe M. **Presse Med** 1984 Oct 27;13(38):2321 **(Fre)**

[Acute renal failure caused by renal artery occlusion. A surgical disease picture] Hupp T, et al. **Chirurg** 1985 May; 56(5):322-6 (Eng. Abstr.) **(Ger)**

[Microsurgery of the renal arteries] Dubernard JM, et al. **Urologe [Ausg A]** 1984 Sep;23(5):251-3 (Eng. Abstr.) **(Ger)**

[Surgical treatment of fibromuscular lesions of the renal arteries] Albers MT, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jan-Feb; 39(1):26-31 (Eng. Abstr.) **(Por)**

[Surgical treatment of recurrent renovascular hypertension] Kniazev MD, et al. **Kardiologiia** 1984 Nov;24(11):84-8 (Eng. Abstr.) **(Rus)**

[Surgical treatment of vasorenal hypertension in children and adolescents] Pokrovskii AV, et al. **Vestn Khir** 1985 May; 134(5):98-101 (Eng. Abstr.) **(Rus)**

[Renovascular hypertension. Studies of 16 cases with long-term follow-up] Gabbai F, et al. **Arch Inst Cardiol Mex** 1984 Jul-Aug;54(4):355-66 (Eng. Abstr.) **(Spa)**

THERAPY

Increased kidney size following renal angioplasty. A 'new' observation. Ekelund L. **Acta Radiol [Diagn] (Stockh)** 1984; 25(5):401-5

Percutaneous transluminal angioplasty vs. surgery for renovascular hypertension. Miller GA, et al. **AJR** 1985 Mar;144(3):447-50

Treatment of renal artery stenosis with percutaneous transluminal angioplasty. Grim CE, et al. **Australas Radiol** 1985 Feb;29(1):42-9

Percutaneous transluminal angioplasty for treatment of renal artery stenosis in children. Lund G, et al. **Eur J Radiol** 1984 Nov;4(4):254-7

Renal artery stenosis in transplanted kidney: management and results in six patients. Serrallach N, et al. **Eur Urol** 1985; 11(1):31-5

Intramural dissection of superior mesenteric artery. A complication of attempted renal artery balloon dilation. Perry MO. **J Vasc Surg** 1985 May;2(3):480-4

Dilatation to avoid dialysis: angioplasty of an occluded renal artery with a coronary guiding catheter [letter] Mann JF, et al. **Lancet** 1985 Mar 9;1(8428):579

Prognosis for pregnancy after correction of renovascular hypertension. Sellars L, et al. **Nephron** 1985;39(3):280-1

Renal angioplasty. Tegmeyer C. **Proc Annu Meet Med Sect Am Counc Life Insur** 1984;:57-65

Correction of renal transplant artery stenosis: early and long-term results. Baumgartner D, et al. **Transplant Proc** 1984 Oct;16(5):1308-10

Percutaneous transluminal dilatation of renal artery stenosis in transplanted kidney. Lucon AM, et al. **Urology** 1984 Nov;24(5):485-6

[Local thrombolysis of renal artery embolism] Billmann P, et al. **ROFO** 1985 Feb;142(2):200-4 (Eng. Abstr.) **(Ger)**

[General aspects of the significance of percutaneous transluminal angioplasty for the therapy of renovascular hypertension] Schmidt PK, et al. **Z Arztl Fortbild (Jena)** 1984;78(24):1059-62 **(Ger)**

[Percutaneous angioplasty of the renal artery] Goryń S, et al. **Pol Przegl Radiol (Warszawa)** 1984 May-Jun;48(3):157-9 (Eng. Abstr.) **(Pol)**

RENAL ARTERY STENOSIS see **RENAL ARTERY OBSTRUCTION**

RENAL CIRCULATION

Renal function and renal haemodynamics before and after 7 years' antihypertensive treatment in men with primary hypertension. Ljungman S, et al. **Acta Med Scand [Suppl]** 1985;693:89-92

Renal haemodynamics in chronic unilateral ureteral obstruction in the dog. Bálint P, et al. **Acta Physiol Hung** 1985;65(4):407-14

Renal blood flow and vasodilatory ability prior to and following release of 24 hours bilateral ureteral obstruction in rats. Hope A, et al. **Acta Physiol Scand** 1984 Aug; 121(4):363-7

Rat renal hemodynamics during venous compression: roles of nerves and prostaglandins. Corradi A, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F810-20

Interactions between adenosine and angiotensin II in controlling glomerular filtration. Hall JE, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):F340-6

Calcium in neural control of renal circulation. Mejia G, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F739-45

Angiotensin II in adrenergic-induced alterations in glomerular hemodynamics. Pelayo JC, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F799-807

Importance of the liver during glucagon-mediated increases in canine renal hemodynamics. Premen AJ. **Am J Physiol** 1985 Aug;249(2 Pt 2):F319-22

Effectiveness of normal saline solution, dextran 40 or dextran 75, and aprotinin (Trasylol) on renal blood flow preservation during acute canine pancreatitis. Wells AD, et al. **Am J Surg** 1984 Nov;148(5):624-9

Effects of infrarenal aortic cross-clamping on renal hemodynamics in humans. Gamulin Z, et al. **Anesthesiology** 1984 Oct;61(4):394-9

Infrarenal aortic cross-clamping and renal hemodynamics [letter] Gelman S, et al. **Anesthesiology** 1985 Aug; 63(2):223-4

Proposed methods for the measurement of regional renal blood flow using heat transfer analysis. Adams T, et al. **Ann Biomed Eng** 1985;13(3-4):237-58 (49 ref.)

Renal cortical perfusion--preliminary experience with the dynamic spatial reconstructor (DSR). Iwasaki T, et al. **Ann Biomed Eng** 1985;13(3-4):259-71

Videomicroscopic method for direct determination of blood flow to the papilla of the kidney. Jamison RL, et al. **Ann Biomed Eng** 1985;13(3-4):273-80

Quantitative hippurate renography. Kairento AL, et al. **Ann Chir Gynaecol** 1984;73(5):285-7

Renal and splanchnic circulation during infrarenal aortic cross-clamping. Gelman S, et al. **Arch Surg** 1984 Dec; 119(12):1394-9

Ultrastructure and adrenergic innervation of preglomerular arterioles in the euryhaline teleost, Salmo gairdneri. Elger M, et al. **Cell Tissue Res** 1984;237(3):451-8

Hemodynamic and microvascular responses in the hindquarters during the development of renal hypertension in rats. Evidence for the involvement of an autoregulatory component. Meininger GA, et al. **Circ Res** 1984 Nov; 55(5):609-22

Interaction between hemorrhagic hypotension and hypoxia in regulation of renal vascular resistance in unanesthetized rabbits. Busija DW. **Circ Shock** 1984;13(4):353-9

Calculation of effective renal plasma flow using 125I-orthoiodohippuran: comparison of four methods. Taylor DJ, et al. **Clin Nephrol** 1985 Apr;23(4):169-72

Cardiocirculatory function in renal disease. International workshop. Strasbourg, September 19-21, 1983. **Contrib Nephrol** 1984;41:1-459

Control of renal hemodynamics by intrarenal mechanisms. Carmines PK, et al. **Contrib Nephrol** 1984;41:1-9

Autoregulation of renal blood flow and renin release in glomerulonephritic rats with nephron loss. Iversen BM, et al. **Contrib Nephrol** 1984;41:35-7

Resetting of renal blood flow autoregulation and renin release in spontaneously hypertensive rats. Iversen BM, et al. **Contrib Nephrol** 1984;41:415-6

Determination of total and divided clearance without blood sampling and not using a whole-body counter or gamma camera. Kyuldjiev A, et al. **Eur J Nucl Med** 1985; 10(1-2):1-4

The relationship between cardiac output and effective renal plasma flow in patients with cardiac disease. McGiffin D, et al. **Eur J Nucl Med** 1984;9(12):542-4

Comparison of measurement of effective renal plasma flow by single plasma sample and plasma disappearance slope/volume methods. Tauxe WN, et al. **Eur J Nucl Med** 1984;9(10):443-5

Effect of neonatal sympathectomy by 6-hydroxydopamine on renal hemodynamic parameters in adult rats. Appenroth D, et al. **Exp Pathol** 1985;27(3):185-8

Renal alpha adrenoceptors. Summers RJ. **Fed Proc** 1984 Nov; 43(14):2917-22 (29 ref.)

Venous blood supply of the double kidneys. Augustyn M. **Folia Morphol** 1984;43(2):145-51

Role of renal papillae in the regulation of sodium excretion during acute elevation of renal perfusion pressure in the rat. Chen PS, et al. **Hypertension** 1984 Nov-Dec;6(6 Pt 1):893-8

Renal and systemic hemodynamics in sustained essential hypertension. London GM, et al. **Hypertension** 1984 Sep-Oct;6(5):743-54

Interaction of vasopressin and prostaglandins through calcium ion in the renal circulation. Seino M, et al. **Hypertension** 1985 Jan-Feb;7(1):53-8

The renal circulation. Margolis BL, et al. **Int Anesthesiol Clin** 1984 Spring;22(1):35-63 (93 ref.)

Extracellular metabolism of glutathione accounts for its disappearance from the basolateral circulation of the kidney. Abbott WA, et al. **J Biol Chem** 1984 Dec 25; 259(24):15393-400

The renal circulation in essential hypertension. de Leeuw PW, et al. **J Hypertens** 1983 Dec;1(4):321-31 (96 ref.)

Renal blood flow and glomerular filtration rate in renal wrap hypertension in rabbits. Denton KM, et al. **J Hypertens** 1983 Dec;1(4):351-5

Intrarenal beta-receptor and renal baroreceptor interaction in the control of the renin response to transient reduction of the renal perfusion pressure in man. Guazzi MD, et al. **J Hypertens** 1985 Feb;3(1):39-45

Systemic and regional haemodynamic effects of renal denervation in spontaneously hypertensive rats. Lee JY, et al. **J Hypertens** 1983 Dec;1(4):381-6

Technetium-99m DTPA renal flow studies in Goldblatt hypertension. Nally JV, et al. **J Nucl Med** 1985 Aug; 26(8):917-24

Estimation of renal blood flow by use of endogenous N1-methylnicotinamide in rats. Shim CK, et al. **J Pharmacobiodyn** 1985 Jan;8(1):20-4

Modulation of reflex renal vasoconstriction by increased endogenous renal prostaglandin synthesis. Holdaas H, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):725-31

The role of hemodynamic factors in the initiation and progression of renal disease. Anderson S, et al. **J Urol** 1985 Mar;133(3):363-8 (108 ref.)

Effective renal plasma flow: clinical significance after spinal cord injury. Kuhlemeier KV, et al. **J Urol** 1985 May; 133(5):758-61

Long-term followup of renal function after spinal cord injury. Kuhlemeier KV, et al. **J Urol** 1985 Sep;134(3):510-3

Non Hodgkin lymphoma detected by renal flow study--a case report. Akhtar M, et al. **JPMA** 1985 Feb;35(2):51-2

Use of digital cross-correlation for on-line determination of single-vessel blood flow in the mammalian kidney. Zimmerhackl B, et al. **Microvasc Res** 1985 Jul;30(1):63-74

The role of complement in the pathogenesis of postischemic acute renal failure. Stein JH, et al. **Miner Electrolyte Metab** 1985;11(4):256-61

Experimental focal segmental glomerulosclerosis: correlation with protein excretion, glomerular filtration rate, and renal plasma flow. Chandra M, et al. **Pediatr Res** 1984 Nov; 18(11):1195-201

Pharmacological zero for electromagnetic renal blood flow measurement. Jonker GJ, et al. **Pflugers Arch** 1985 Feb; 403(2):220-1

Canine renal vascular response to bilateral carotid occlusion during hypoxia. Gotshall RW, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):185-90

Pressor and vascular responsiveness in renal prehypertensive rabbits with a nonfiltering kidney. Wells AM, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):24-32

Magnetic resonance imaging following unilateral occlusion of the renal circulation in rabbits. Yuasa Y, et al. **Radiology** 1985 Jan;154(1):151-6

Assessment of renal blood flow in dogs: analysis of 131I-hippuran blood clearance in healthy dogs and in dogs with proteinuria. Biewenga WJ, et al. **Res Vet Sci** 1985 Jan;38(1):1-5

A combined ultrasonic linear array scanner and pulsed Doppler velocimeter for the estimation of blood flow in the foetus and adult abdomen--I: Technical aspects. Teague MJ, et al. **Ultrasound Med Biol** 1985 Jan-Feb; 11(1):27-36

[The effect of sinocarotid circulatory reflexes on the microcirculation of the kidney] Sučkov VV, et al. **Biomed Biochim Acta** 1984;43(11):1251-6 (Eng. Abstr.) **(Ger)**

[Renal blood flow in rabbit using hydrogen clearance method] Tsujihashi H, et al. **Hinyokika Kiyo** 1984 Jun; 30(6):729-33 (Eng. Abstr.) **(Jpn)**

[Correlation between ERPF and retention function on 131I-OIH renogram] Maeda M, et al. **Kaku Igaku** 1984 Oct;21(10):1285-92 (Eng. Abstr.) **(Jpn)**

[Correlation of renin-angiotensin system and prostanoid system in renal circulation. I. Measurement of glomerular filtration rate and renin secretion rate] Goto F, et al. **Masui** 1984 Sep;33(9):970-4 (Eng. Abstr.) **(Jpn)**

[Clinical study on function reversibility of cadaveric renal allografts. II. Prediction of function reversibility with monitoring of hemodynamics of the grafts by ultrasound Doppler technique] Ihara H, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Oct;75(10):1619-30 (Eng. Abstr.) **(Jpn)**

[Experimental study of renal hemodynamic response and renal venous PRA and PGE during acute elevation of unilateral renal pelvic pressure] Sakamoto F. **Nippon Hinyokika Gakkai Zasshi** 1985 Feb;76(2):219-30 (Eng. Abstr.) **(Jpn)**

[The effects of the renal pelvic pressure elevation upon local renal blood flow distribution] Takada H. **Nippon Hinyokika Gakkai Zasshi** 1984 Aug;75(8):1252-66 (Eng. Abstr.) **(Jpn)**

[Intravenous digital subtraction angiography for evaluation of renal venous circulation] Nakamura K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Nov 25; 44(11):1408-10 (Eng. Abstr.) **(Jpn)**

[Experimental study of renal blood distribution using 5-channel hydrogen gas electrode] Harada T, et al. **Nippon Jinzo Gakkai Shi** 1984 Jun;26(6):745-57 (Eng. Abstr.) **(Jpn)**

[Renal hemodynamics in aminonucleoside nephrosis in rats] Okamoto M. **Nippon Jinzo Gakkai Shi** 1984 Oct; 26(10):1275-84 (Eng. Abstr.) **(Jpn)**

[Potentials for studying the circulation of the kidneys by radioangiography] Dmitrienkov BN, et al. **Vestn Akad Med Nauk SSSR** 1984;(9):47-51 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Does dopamine suppress stress-induced intestinal and renal vasoconstriction? Winsö O, et al. **Acta Anaesthesiol Scand** 1985 Jul;29(5):508-14

Influence of protein intake on renal hemodynamics and plasma hormone concentrations in normal subjects. Bergström J, et al. **Acta Med Scand** 1985;217(2):189-96

Effect of prostaglandin inhibition on the renal vascular response to ionic and non-ionic contrast media in the dog. Lund G, et al. **Acta Radiol [Diagn] (Stockh)** 1984; 25(5):407-10

Effect of reduced perfusion pressure and acetylcholine on local blood flow in tumors in the rat kidney. Gadeholt G, et al. **Acta Radiol [Oncol]** 1985 May-Jun;24(3):285-9

Importance of calcium in the renal hemodynamic changes induced by vanadate. Benabe JE, et al. **Adv Exp Med Biol** 1984;178:329-36

Vascular permeability induced by Paf-acether (platelet-activating factor) in the isolated perfused rat kidney. Pirotzky E, et al. **Agents Actions** 1985 Mar; 16(1-2):17-8

Influence of prostaglandin synthetase inhibitors on the renal effects of histamine. Selkurt EE, et al. **Agents Actions** 1984 Oct;15(3-4):254-9

Comparative effects of propranolol and nadolol on renal blood flow in normal rats and rats with congestive heart failure. Brenner BM, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1144-7

Long-term renal hemodynamic effects of nadolol in patients with essential hypertension. Frohlich ED, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1141-3

Effects of nadolol treatment on renal and hepatic hemodynamics and function in cirrhotic patients with portal hypertension. Gatta A, et al. **Am Heart J** 1984 Oct; 108(4 Pt 2):1167-72

The kidney and strategies for the treatment of hypertension. Hollenberg NK. **Am J Med** 1984 Oct 5;77(4A):60-3 (33 ref.)

Effect of controlled ventilation on renal and splanchnic blood flows during nicotine. Bedran de Castro MT, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):H360-5

Amino acids induce renal vasodilatation in isolated perfused kidney: coupling to oxidative metabolism. Brezis M, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):H999-1004

Response of isolated renal arterioles to acetylcholine, dopamine, and bradykinin. Edwards RM. **Am J Physiol** 1985 Feb;248(2 Pt 2):F183-9

Participation of central alpha-receptors on hemodynamic response to E. coli endotoxin. Koyama S. **Am J Physiol** 1984 Oct;247(4 Pt 2):R655-62

Blood flow in the renal portal circulation of the turkey: effect of epinephrine. Palmore WP, et al. **Am J Vet Res** 1985 Jul;46(7):1589-92

Effect of halothane on renal hemodynamics during normovolemia and acute hemorrhagic hypovolemia. Priano LL. **Anesthesiology** 1985 Oct;63(4):357-63

The influence of diltiazem and nifedipine on renal function in the rat. Johns EJ. **Br J Pharmacol** 1985 Mar;84(3):707-13

Comparative systemic and renal effects of dopamine and angiotensin-converting enzyme inhibition with enalaprilat in patients with heart failure. Maskin CS, et al. **Circulation** 1985 Oct;72(4):846-52

Effects of hydralazine, nitroglycerin, and food on estimated hepatic blood flow. Svensson CK, et al. **Clin Pharmacol Ther** 1985 Apr;37(4):464-8

Captopril and renal function. Reubi FC. **Contrib Nephrol** 1984;43:159-70 (53 ref.)

Pressure dependence of renal hemodynamics and function during converting-enzyme inhibition in congestive heart failure. Ribstein J, et al. **Contrib Nephrol** 1984;41:43-6

Norepinephrine alone versus norepinephrine plus low-dose dopamine: enhanced renal blood flow with combination pressor therapy. Schaer GL, et al. **Crit Care Med** 1985 Jun;13(6):492-6

Effects of chronic prolactin administration on renal hemodynamics in the rat. Baylis C, et al. **Endocrinology** 1985 Aug;117(2):722-9

Atrial natriuretic factor selectively increases renal blood flow in conscious spontaneously hypertensive rats. Koike H, et al. **Eur J Pharmacol** 1984 Sep 17;104(3-4):391-2

Effect of propranolol on renal blood flow in portal hypertensive rats [letter] Cales P, et al. **Gastroenterology** 1985 Mar;88(3):857

Effect of the protease inhibitor aprotinin on renal hemodynamics in the pig. Maier M, et al. **Hypertension** 1985 Jan-Feb;7(1):32-8

Renal hemodynamic effects of vasodilation with nifedipine and hydralazine in patients with heart failure. Elkayam U, et al. **J Am Coll Cardiol** 1984 Dec;4(6):1261-7

Effects of converting-enzyme inhibition on cardiorenal hemodynamics in patients with chronic congestive heart failure. Kubo S, et al. **J Cardiovasc Pharmacol** 1985 Jul-Aug;7(4):753-9

Comparative effects of antihypertensive therapy with guanabenz and propranolol on renal vascular resistance and left ventricular mass. Mosley C, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 5:S757-61

Nitrendipine reverses vasoconstriction and renal hemodynamic changes in experimental hypertension. Sterzel RB, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 7:S1024-7

Comparison of systemic and intrarenal converting enzyme inhibition by MK-422 on renal hemodynamics in conscious dogs. Zimmerman BG, et al. **J Cardiovasc Pharmacol** 1985 Jul-Aug;7(4):715-22

Correction of abnormal renal blood flow response to angiotensin II by converting enzyme inhibition in essential hypertensives. Redgrave J, et al. **J Clin Invest** 1985 Apr; 75(4):1285-90

Comparison of long-term renal hemodynamic effects of methyldopa and propranolol in patients with hypertension and renal insufficiency. Lowenstein I, et al. **J Clin Pharmacol** 1984 Oct;24(10):436-45

Intrarenal vascular effects of angiotensin II and angiotensin III in the dog. Britton SL, et al. **J Hypertens** 1983 Jun; 1(1):95-101

Pinacidil--effects on function and perfusion of normal kidneys and renal xenografts. Dieperink H, et al. **J Hypertens** 1983 Dec;1(4):357-60

6,7-Dihydro-5-[[(cis-2-hydroxy-trans-3-phenoxycyclope methyl]-2-methylbenzo[b]thiophen-4(5H)-one: a novel alpha 1-adrenergic receptor antagonist and renal vasodilator. McCarthy JR, et al. **J Med Chem** 1985 Sep; 28(9):1142-5

Captopril suppresses glomerular filtration rate but not blood flow in the affected kidney in renovascular hypertension: report and comments on one case. Fommei E, et al. **J Nucl Med Allied Sci** 1985 Jan-Jun;29(1-2):175-7

Effects of SK&F 82526 and SK&F 83742 on the renal vascular dopamine receptor. Schmidt M, et al. **J Pharmacol** 1985 Jan-Mar;16(1):15-22

Renal extraction and clearance of p-aminohippurate during saline and dextrose infusion in the rat. Lote CJ, et al. **J Physiol (Lond)** 1985 Jun;363:303-13

Low-dose dopamine preserves renal blood flow in endotoxin shocked dogs treated with ibuprofen. Fink MP, et al. **J Surg Res** 1985 Jun;38(6):582-91

Roles of endogenous angiotensin II or kinin in the mechanism of altered renal vascular responsiveness to angiotensin II following acute blood volume expansion in the dog. Akabane S, et al. **Jpn J Pharmacol** 1984 Oct;36(2):235-40

A role for calcium in radiocontrast-induced reductions in renal hemodynamics. Bakris GL, et al. **Kidney Int** 1985 Feb;27(2):465-8

Effect of imidazole and indomethacin on hemodynamics of the obstructed canine kidney. Bálint P, et al.

Kidney Int 1985 Jun;27(6):892-7

Effects of diltiazem and manganese renal hemodynamics: studies in the isolated perfused rat kidney. Loutzenhiser R, et al. **Nephron** 1985;39(4):382-8

Prospective measurement of glomerular filtration rate and effective renal plasma flow during treatment of malignant essential hypertension. Ghose RR. **Postgrad Med J** 1984 Oct;60(708):662-4

Effect of felodipine on renal hemodynamics and excretion in the dog. Ek B, et al. **Proc Soc Exp Biol Med** 1985 Jun;179(2):201-5

Systemic and renal hemodynamic responses to vascular blockade of vasopressin in conscious dogs with ascites. Vari RC, et al. **Proc Soc Exp Biol Med** 1985 Jun;179(2):192-6

Potentiation of the vasoconstriction to norepinephrine in the isolated perfused rat kidney by 5-hydroxykynuramine, an endogenous amine related to 5-hydroxytryptamine. Charlton KG, et al. **Proc West Pharmacol Soc** 1984;27:391-4

The actions of leukotrienes C4 and D4 in the porcine renal vascular bed. Piper PJ, et al. **Prostaglandins** 1985 Jan;29(1):61-73

The effect of cyclosporine on organ blood flow. McKenzie N, et al. **Transplant Proc** 1985 Aug;17(4):1973-5

Muzolimine modification of renal vasoconstriction. Steele TH, et al. **Z Kardiol** 1985;74 Suppl 2:186-8

[Modification of vasoconstriction in ischemically stressed and extracorporeally perfused dog kidneys by alpha adrenergic blockade with phenoxybenzamine] Schuldt HH, et al. **Z Urol Nephrol** 1984 Dec;77(12):703-9 (Eng. Abstr.) **(Ger)**

[Correlation of renin-angiotensin system and prostanoids system in renal circulation: dissociation of renal blood flow and glomerular filtration rate in acute alterations of renal blood pressure] Goto F. **Masui** 1984 Nov;33(11):1204-12 (Eng. Abstr.) **(Jpn)**

[Changes in renal blood flow and uropoiesis during alpha-adrenoreceptor blockade in shock] Zak VI, et al. **Anesteziol Reanimatol** 1985 Mar-Apr;(2):27-30 (Eng. Abstr.) **(Rus)**

[Role of the kallikrein-kinin system and prostaglandins in the action of dopamine on blood flow and sodium transport in the rat kidney] Kuz'min OB, et al. **Fiziol Zh SSSR** 1985 May;71(5):619-24 (Eng. Abstr.) **(Rus)**

RENAL CORTICAL NECROSIS see **KIDNEY CORTEX NECROSIS**

RENAL DIALYSIS, HOME see **HEMODIALYSIS, HOME**

RENAL FAILURE, ACUTE see **KIDNEY FAILURE, ACUTE**

RENAL FAILURE, CHRONIC see **KIDNEY FAILURE, CHRONIC**

RENAL OSTEODYSTROPHY

Renal osteodystrophy. Coburn JW, et al. **Adv Intern Med** 1984;30:387-424 (108 ref.)

Renal hypophosphatemic rickets. Chan JC, et al. **J Pediatr** 1985 Apr;106(4):533-44 (78 ref.)

BLOOD

Bone modulating factors in nephrotic children with normal glomerular filtration rate. Freundlich M, et al. **Pediatrics** 1985 Aug;76(2):280-5

Renal osteodystrophy and metastatic calcification in long-term continuous ambulatory peritoneal dialysis. Cassidy MJ, et al. **Q J Med** 1985 Jan;54(213):29-48

[Vitamin A status of patients with chronic renal failure in relation to renal osteodystrophy] Stein G, et al. **Z Urol Nephrol** 1985 Mar;78(3):159-65 (Eng. Abstr.) **(Ger)**

COMPLICATIONS

Total parathyroidectomy and parathyroid autograft for renal osteodystrophy: analysis of the cause of failure. Kinnaert P, et al. **World J Surg** 1985 Jun;9(3):500-6

[Unusual course of renal osteopathy with Paget's disease and aluminum deposits] Ringe JD, et al. **Dtsch Med Wochenschr** 1985 Mar 15;110(11):411-5 (Eng. Abstr.) **(Ger)**

DIAGNOSIS

Use of the deferoxamine infusion test in the diagnosis of aluminum-related osteodystrophy. Milliner DS, et al. **Ann Intern Med** 1984 Dec;101(6):775-9

Another shrinking man [letter] Barton IK, et al. **Clin Nephrol** 1984 Dec;22(6):322-3

Tubular disorders of acid-base and phosphate metabolism. Chan JC, et al. **Nephron** 1985;40(3):257-79 (188 ref.)

Bone disease in renal failure. Clinical and histomorphometric studies. Nilsson P. **Scand J Urol Nephrol [Suppl]** 1984;84:1-68

[Osteodensitometry: new interpretive technics of an old test] d'Amico P, et al. **Minerva Med** 1985 Mar 10;76(9-10):441-4 **(Ita)**

[Potentials for the early diagnosis of renal osteodystrophy in patients with chronic kidney failure during treatment by systematic hemodialysis] Shcherbakova EO, et al. **Urol Nefrol (Mosk)** 1985 Mar-Apr;(2):58-60 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Vitamin D replacement therapy and renal function. Calcitriol v dihydrotachysterol. Hymes LC, et al. **Am J Dis Child** 1984 Dec;138(12):1125-8

Effects of hydrochlorothiazide and amiloride in renal hypophosphatemic rickets. Alon U, et al. **Pediatrics** 1985 Apr;75(4):754-63

Effect of calcitonin on hemodialysis patients with hypercalcemia and renal osteodystrophy. Carney SL, et al. **Uremia Invest** 1984-85;8(2):97-101

[Treatment of renal osteopathy] Keller F, et al. **Fortschr Med** 1985 Mar 14;103(10):268-70 (Eng. Abstr.) **(Ger)**

[Controlling renal osteopathy with keto acids] Schmicker R, et al. **Z Urol Nephrol** 1984 Nov;77(11):661-70 (Eng. Abstr.) **(Ger)**

ENZYMOLOGY

Plasma levels of bone Gla-protein reflect bone formation in patients on chronic maintenance dialysis. Malluche HH, et al. **Kidney Int** 1984 Dec;26(6):869-74

[Renal osteopathy in long-term dialysis therapy--comparison of the alkaline phosphatase isoenzyme in bone with histologic findings] Hájková B, et al. **Vnitr Lek** 1985 May;31(5):447-50 (Eng. Abstr.) **(Cze)**

ETIOLOGY

Renal bone disease. Cundy TF, et al. **Br J Hosp Med** 1985 Jan;33(1):35-40

Who gets renal bone disease before beginning dialysis? Cundy T, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):271-5

Serum aluminium in haemodialysis patients: relation to osteodystrophy, encephalopathy and aluminium hydroxide consumption. Heaf JG, et al. **Miner Electrolyte Metab** 1984;10(6):345-50

Renal osteodystrophy in CAPD patients. Zucchelli P, et al. **Miner Electrolyte Metab** 1984;10(5):326-32

Fluoride metabolism and renal osteodystrophy in regular dialysis treatment. Erben J, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:421-5

The pathogenesis of renal osteodystrophy: role of vitamin D, aluminium, parathyroid hormone, calcium and phosphorus. Dunstan CR, et al. **Q J Med** 1985 May;55(217):127-44

[Skeletal complications in dialysis patients. Renal osteopathy in chronic hemodialysis] Ringe JD, et al. **Med Monatsschr Pharm** 1984 Jun;7(6):172-5 **(Ger)**

[Incidence of osteodystrophy after transplantation: basic outlines and orthopedic problems] Giraldi A, et al. **Chir Ital** 1982 Jun;34(3):445-54 (Eng. Abstr.) **(Ita)**

[Variations in serum levels of phosphorus (iP), calcium (Ca), calcitonin (iCT) and parathormone (iPTH) in patients under periodic hemodialysis. Effects of exogenous calcitonin therapy] Bucciante G, et al. **Minerva Med** 1985 Mar 10;76(9-10):415-7 **(Ita)**

[Surgical treatment of secondary hyperparathyroidism] D'Alonzo U. **Minerva Med** 1985 Mar 10;76(9-10):389-91 **(Ita)**

[Long-term treatment of secondary hyperparathyroidism in the chronic hemodialysis patient with 1,25-(OH)2D3] Giachino G, et al. **Minerva Med** 1985 Mar 10;76(9-10):407-14 **(Ita)**

[Therapeutic indications obtained from short- and medium-term biohumoral changes after parathyroidectomy] Sforzini S, et al. **Minerva Med** 1985 Mar 10;76(9-10):393-6 **(Ita)**

METABOLISM

Progress of renal osteodystrophy during continuous ambulatory peritoneal dialysis. Buccianti G, et al. **Clin Nephrol** 1984 Dec;22(6):279-83

Renal osteodystrophy. Klein KL, et al. **Orthop Clin North Am** 1984 Oct;15(4):687-95

PATHOLOGY

Renal osteodystrophy in renal transplant recipients. Malhotra KK, et al. **J Assoc Physicians India** 1984 Oct;32(10):867-71

Osteoclast enlargement in endstage renal disease. Kaye M, et al. **Kidney Int** 1985 Mar;27(3):574-81

Studies of bone morphology, bone densitometry and laboratory data in patients on maintenance hemodialysis treatment. Lindergård B, et al. **Nephron** 1985;39(2):122-9

PREVENTION & CONTROL

Effects of 25-OHD3 on renal function in pediatric patients with chronic renal failure. Mazur AT, et al. **Miner Electrolyte Metab** 1984;10(6):351-8

RADIOGRAPHY

Deranged mineral content in the bone of patients with chronic renal failure, estimated by computed tomography. Marumo F, et al. **Int J Artif Organs** 1985 Mar;8(2):95-100

Hepatic osteodystrophy in congenital biliary atresia. Katayama H, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Mar 25;45(3):455-61

[An appraisal of the X-ray manifestation as a diagnostic criterion of renal osteodystrophy] Wang SX. **Chung Hua Fang She Hsueh Tsa Chih** 1985 Apr;19(2):71-5 (Eng. Abstr.) **(Chi)**

[Roentgen symptoms of renal osteopathy] Rieden K. **Rontgenblatter** 1984 Oct;37(10):335-9 (Eng. Abstr.) **(Ger)**

RADIONUCLIDE IMAGING

Observations on computerized quantitative bone scintigraphy in renal osteodystrophy. de Graaf P, et al. **Eur J Nucl Med** 1984;9(9):419-25

Usefulness of 99mTc pyrophosphate bone scintigraphy in the survey of dialysis osteodystrophy. Vanherweghem JL, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:431-4

[Scintigraphic examination of the skeleton in renal transplantation] Sommaruga R, et al. **Chir Ital** 1982 Jun;34(3):492-507 (Eng. Abstr.) **(Ita)**

[Correlations between osteodensitometry and parameters of uremic osteodystrophy] Sforzini S, et al. **Minerva Med** 1985 Mar 10;76(9-10):445-8 **(Ita)**

SURGERY

Total parathyroidectomy and autotransplantation for tertiary hyperparathyroidism in children with chronic renal failure. Moazam F, et al. **J Pediatr Surg** 1984 Aug;19(4):389-93

New applications of total parathyroidectomy and autotransplantation: use in proximal renal tubular dysfunction. Kinder BK, et al. **World J Surg** 1985 Feb;9(1):156-64

THERAPY

[Evolution of surgical methods in the treatment of renal osteodystrophy. Personal cases and remote results] Borrelli D, et al. **Minerva Med** 1985 Mar 10;76(9-10):429-39 **(Ita)**

[Subtotal parathyroidectomy in the treatment of renal osteodystrophy in 8 patients under chronic hemodialysis] Lillo M. **Rev Med Chil** 1984 Jun;112(6):564-9 (Eng. Abstr.) **(Spa)**

RENAL PAPILLITIS, NECROTIZING see **KIDNEY PAPILLARY NECROSIS**

RENAL TUBULAR TRANSPORT, INBORN ERRORS

BLOOD

[Hypouricemia caused by an isolated tubular defect. Apropos of a case] Larrañaga JR, et al. **Rev Clin Esp** 1985 Feb;176(2):101-4 (Eng. Abstr.) **(Spa)**

COMPLICATIONS

Coincidence of pseudohypoaldosteronism with gluten-enteropathy. Dumić M, et al. **J Endocrinol Invest** 1984 Aug;7(4):395-8

FAMILIAL & GENETIC

Pseudohypoaldosteronism in a female infant and her family: diversity of clinical expression and mode of inheritance. Chitayat D, et al. **Acta Paediatr Scand** 1985 Jul;74(4):619-22

[Sex-related neurologic diseases. Duchenne muscular dystrophy. Lowe's disease] Castro-Gago M. **An Esp Pediatr** 1984 Oct;21 Suppl 20:51-4 **(Spa)**

[Renal tubular hypomagnesemia of familial origin] Rapado A, et al. **Rev Clin Esp** 1985 Apr;176(6):302-4 (Eng. Abstr.) **(Spa)**

METABOLISM

[Review of pseudohypoaldosteronism. Apropos of a clinical case in a 2-month-old girl] García García L, et al. **An Esp Pediatr** 1984 Oct 31;21(6):602-9 (31 ref.) (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

[Pseudohypoaldosteronism: a special form of sodium loss in infancy] Limbowo D, et al. **Tijdschr Kindergeneeskd** 1984 Oct;52(5):200-4 (Eng. Abstr.) **(Dut)**

RENAL VEINS

Renal vein thrombosis following puerperal ovarian vein thrombophlebitis. Bahnson RR, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):290-1

Digital intravenous angiography combined with renal vein renin sampling for diagnosis of renovascular hypertension. Sos T, et al. **Ann Radiol (Paris)** 1985;28(2):199-203

Acute deterioration in renal function in patients with preexisting renal insufficiency [clinical conference] First MR, et al. **Arch Intern Med** 1984 Nov;144(11):2233-8

Renal vein thrombosis in systemic lupus erythematosus: association with the 'lupus anticoagulant'. Asherson RA, et al. **Clin Exp Rheumatol** 1984 Jan-Mar;2(1):75-9

Tc-99m glucoheptonate scintigraphy in a case of renal vein thrombosis. Sfakianakis GN, et al. **Clin Nucl Med** 1985 Feb;10(2):75-9

Intravenous biopsy of a tumor thrombus filling the infer vena cava. Shimkin PM, et al. **Conn Med** 1984 Nov; 48(11):707-8

Nephrosis with varicocele: probable renal vein thrombosis. Yazbeck S, et al. **Eur Urol** 1985;11(3):215-6

Renal vein thrombosis with involvement of the vena cava: report of a case. Sciacca V, et al. **Ital J Surg Sci** 1985; 15(1):79-83

Primary diagnosis of abdominal arteriovenous fistula by MR imaging. Amparo EG, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1140-2

The clinical spectrum of renal vein thrombosis. Keating MA, et al. **J Urol** 1985 Jun;133(6):938-45 (84 ref.)

Magnetic resonance tissue analysis of acute renal vascular occlusion in the rabbit: enhancement with gadolinium-DTPA complex. Strich G, et al. **Magn Reson Imaging** 1985;3(1):37-42

Unilateral renal vein occlusion in rats. Polenakovic M, et al. **Nephron** 1985;40(1):91-5

Echo-free renal masses on ultrasound: the stethoscope as an adjunct to their diagnosis. Suarez R, et al. **Postgrad Med J** 1985 Apr;61(714):363-4

Magnetic resonance imaging following unilateral occlusion of the renal circulation in rabbits. Yuasa Y, et al. **Radiology** 1985 Jan;154(1):151-6

Allograft renal vein thrombosis. Merion RM, et al. **Transplant Proc** 1985 Apr;17(2):1746-50

Postpartum renal vein thrombosis. Rubens D, et al. **Urol Radiol** 1985;7(2):80-4

Arteriocalyceal fistula after grafted kidney biopsy. Successful management by selective catheter embolization. Benoit G, et al. **Urology** 1984 Nov;24(5):487-90

Transitional cell carcinoma of kidney extending into renal vein and inferior vena cava. Jitsukawa S, et al. **Urology** 1985 Mar;25(3):310-2

Renal arteriovenous fistula following nephrectomy. Lacombe M. **Urology** 1985 Jan;25(1):13-6

[The tumor thrombus in renal vein and inferior vena cava proved by duplex ultrasound. A case report] Chou YH, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Feb;84(2):265-9 (Eng. Abstr.) **(Chi)**

[Arteriovenous-caliceal fistula following biopsy of a transplanted kidney. Treatment by selective arterial embolization] Benoit G, et al. **Ann Urol (Paris)** 1984 May; 18(3):180-2 (Eng. Abstr.) **(Fre)**

[Sonographic detection of ectatic capsule veins in hypernephroma with tumor occlusion of the renal vein] Uebel HE, et al. **Rontgenpraxis** 1985 Jan;38(1):19-21 **(Ger)**

[Intra-arterial injection therapy with ethanol for a patient with renal arteriovenous fistula] Hayakawa M, et al. **Hinyokika Kiyo** 1984 Aug;30(8):1069-74 (Eng. Abstr.) **(Jpn)**

[Two cases of renal arteriovenous fistula] Tajima M, et al. **Hinyokika Kiyo** 1983 Oct;29(10):1295-9 (Eng. Abstr.) **(Jpn)**

[Leiomyosarcoma of the kidney with renal vein thrombosis] Nakamura K, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jun;75(6):973-8 (Eng. Abstr.) **(Jpn)**

[Migration of the endocavitary electrodes of permanent pacemakers. Apropos of a case] Silvestre J, et al. **Rev Esp Cardiol** 1985 May-Jun;38(3):224-5 (Eng. Abstr.) **(Spa)**

ABNORMALITIES

Direction of splenic venous flow assessed by pulsed Doppler flowmetry in patients with a large splenorenal shunt. Relation to spontaneous hepatic encephalopathy. Ohnishi K, et al. **Gastroenterology** 1985 Jul;89(1):180-5

Azygous continuation of a left inferior vena cava with a retroaortic right renal vein. Fagelman D, et al. **J Can Assoc Radiol** 1985 Jun;36(2):158-60

Ultrasound demonstration of a circumaortic left renal vein. Leekam RN, et al. **JCU** 1985 Jun;13(5):366-8

Intermittent hydronephrosis: a unique feature of ureteropelvic junction obstruction caused by a crossing renal vessel. Hoffer FA, et al. **Radiology** 1985 Sep; 156(3):655-8

Congenital renal arteriovenous fistula (cirsoid aneurysm). Garcia-Gonzalez R, et al. **Urology** 1984 Nov;24(5):495-8

[Cirsoid intrarenal arteriovenous malformation. Report of 2 cases, with special reference to review of 74 cases in Japan] Hiraga S, et al. **Hinyokika Kiyo** 1984 Sep;30(9):1213-23 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Renovascular distribution of NPY and its vasoconstrictor and natriuretic properties. Raine AE, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1957-60

Renal vein renin studies in renovascular hypertension--do they really help? Sellars L, et al. **J Hypertens** 1985 Apr; 3(2):177-81

DRUG EFFECTS

Effects of nitroprusside and D 600 on norepinephrine- and KCl-stimulated Ca+ + activation and contraction systems in canine renal vein as compared to canine renal artery. Hester RK, et al. **J Cardiovasc Pharmacol** 1984 Sep-Oct; 6(5):762-71

INJURIES

Combined renal and vena caval trauma: a review of personal and recorded experience. Peterson NE, et al. **J Urol** 1985 Apr;133(4):567-74

CT diagnosis of renal pedicle injury. Sclafani SJ, et al. **Urol Radiol** 1985;7(2):63-8

METABOLISM

Countercurrent diffusion in the renal cortex of the rabbit. Effros RM, et al. **Circ Res** 1984 Oct;55(4):463-7

Renal vein renin sampling in essential hypertension using hydralazine and the tourniquet test. Gomes AS, et al. **Radiology** 1984 Dec;153(3):619-23

PATHOLOGY

Renal vein thrombosis in stillborn infant of diabetic mother. Al-Samarrai SF, et al. **Acta Pathol Jpn** 1984 Nov; 34(6):1441-7

Vascular architecture modifications in the steroid-induced polycystic kidney. Ros MA, et al. **Nephron** 1985; 40(3):332-40

Venous renal tumor extension: a prospective US evaluation. Schwerk WB, et al. **Radiology** 1985 Aug;156(2):491-5

Direct venous extension of renal cell carcinoma to common iliac vein with patent main renal vein. Verstandig AG, et al. **Urology** 1984 Dec;24(6):629-31

PHYSIOLOGY

Pyelovenous backflow: implications for coagulum pyelolithotomy and nephroscopy. Sonda LP, et al. **J Urol** 1985 May;133(5):894-6

PHYSIOPATHOLOGY

Renal venous renin ratio as a predictor of improvement in hypertension following nephrectomy for unilateral renal disease. Gordon RD, et al. **Clin Exp Pharmacol Physiol** 1984 Jul-Aug;11(4):403-6

RADIOGRAPHY

Filling of the central intrarenal veins during retrograde pyelography following a recent kidney transplantation. Report of a case. Thomsen HS. **Acta Radiol [Diagn] (Stockh)** 1985 Mar-Apr;26(2):209-11

Successful thrombolytic therapy in two patients with renal vein thrombosis. Rowe JM, et al. **Am J Med** 1984 Dec; 77(6):1111-4

Study of the venous phase on renal angiography in cases of renal carcinoma. Masuda F, et al. **Br J Urol** 1984 Apr; 56(2):149-52

Angiographic demonstration of an aorto-left renal vein fistula. Heier LA, et al. **J Can Assoc Radiol** 1984 Sep; 35(3):322-3

Direct fibrinolytic therapy for renal vein thrombosis: radiographic followup. DiMarco PL, et al. **J Urol** 1984 Nov;132(5):966-8

Goldblatt phenomenon in a single kidney: the importance of subselective renal vein renins. Brueggemeyer C, et al. **South Med J** 1984 Oct;77(10):1312-4

Xanthogranulomatous perinephritis: unusual cause of renal vein and vena caval thrombosis. Mitchell DG, et al. **Urol Radiol** 1985;7(1):35-8

Intrarenal hemangiomas in the Klippel-Trenaunay syndrome. Weiner SN, et al. **Urol Radiol** 1985;7(1):48-50

[Arteriovenous fistula of the left renal pedicle detected 30 years after nephrectomy] Joyeux A, et al. **J Chir (Paris)** 1984 Aug-Sep;121(8-9):487-90 (Eng. Abstr.) **(Fre)**

[Digital substraction angiography in the diagnosis of kidney carcinomas] Starck E, et al. **Digitale Bilddiagn** 1985 Jun; 5(2):89-95 (Eng. Abstr.) **(Ger)**

[Arteriovenous aneurysm. Presentation of a case] Fontana F, et al. **Radiol Med (Torino)** 1984 May;70(5):324-6 **(Ita)**

[Intravenous digital subtraction angiography for evaluation of renal venous circulation] Nakamura K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Nov 25; 44(11):1408-10 (Eng. Abstr.) **(Jpn)**

[Evaluation of renal intra-arterial digital subtraction angiography (IA-DSA)] Katayama K, et al. **Rinsho Hoshasen** 1985 May;30(5):573-8 (Eng. Abstr.) **(Jpn)**

[Angiographic evaluation of carcinoma] Virseda JA, et al. **Actas Urol Esp** 1984 Sep-Oct;8(5):359-68 (Eng. Abstr.) **(Spa)**

SURGERY

Successful renal vein reconstruction with a polytetrafluoroethylene vascular graft in kidney transplantation. Santiago-Delpín EA, et al. **Am J Surg** 1985 Feb;149(2):310-1

The fate of the left kidney after division of its vein. Scher KS, et al. **Am Surg** 1984 Nov;50(11):613-6

Left renal vein division in abdominal aortic aneurysm operations. Effect on renal function. Adar R, et al. **Arch Surg** 1985 Sep;120(9):1033-6

Renal complications to left renal vein ligation in abdominal aortic surgery. Rastad J, et al. **J Cardiovasc Surg (Torino)** 1984 Sep-Oct;25(5):432-6

Use of vena cava to extend the right renal vein in cadaveric transplants. Taylor RJ, et al. **Surg Gynecol Obst** 1985 Mar;160(3):279-80

Kidney transplantation. Rational approach to vascular anastomoses. Heaton JP, et al. **Urology** 1984 Oct; 24(4):340-2

[Renal vein prosthesis in kidney transplantation] Hesse U, et al. **Chirurg** 1984 Sep;55(9):605-6 (Eng. Abstr.) **(Ger)**

RENIN

Biochemistry of renin. Inagami T, et al. **Biochem Soc Trans** 1984 Dec;12(6):951-3

Computer graphics modelling and the specificity of renins. Sibanda BL. **Biochem Soc Trans** 1984 Dec;12(6):953-6

A structural analysis of human renin. Morris BJ, et al. **Clin Exp Pharmacol Physiol** 1985 May-Jun;12(3):299-304

Evidence from peptide mapping for a human renin zymogen. McIntyre GD, et al. **FEBS Lett** 1984 Oct 1;175(2):439-42

Three-dimensional structure of human renin. Akahane K, et al. **Hypertension** 1985 Jan-Feb;7(1):3-12

Construction of a model for the three-dimensional structure of human renal renin. Carlson W, et al. **Hypertension** 1985 Jan-Feb;7(1):13-26

[Biochemistry of renin] **Nippon Jinzo Gakkai Shi** 1984 Jul; 26(7):961-70 **(Jpn)**

ANALYSIS

Regional distribution of renin and angiotensinogen in the brain of normotensive (WKY) and spontaneously hypertensive (SHR) rats. Naruse M, et al. **Brain Res** 1985 Apr 29;333(1):147-50

Renin storage and cell differentiation in juxtaglomerular cell tumors: an immunohistochemical and ultrastructural study of three cases. Camilleri JP, et al. **Hum Pathol** 1984 Nov; 15(11):1069-79

Evidence for an extrarenal source of inactive renin in rats. Doi Y, et al. **Hypertension** 1984 Sep-Oct;6(5):627-32

Immunologic identification of both plasma and human renal inactive renin as prorenin. Bouhnik J, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):399-401

Immunohistological evidence for renin in human endocrine tissues. Naruse K, et al. **J Clin Endocrinol Metab** 1985 Jul; 61(1):172-7

Immunocytochemical localization of renin in juxtaglomerular cells. Lacasse J, et al. **J Histochem Cytochem** 1985 Apr; 33(4):323-32

The purification of a high-molecular-weight, enzymatically inactive renin precursor from human kidney. McIntyre GD, et al. **J Hypertens** 1984 Jun;2(3):305-10

Renal vein renin studies in renovascular hypertension--do they really help? Sellars L, et al. **J Hypertens** 1985 Apr; 3(2):177-81

Biochemical and immunohistochemical localization of renin in human pituitary. Mukai M, et al. **Lab Invest** 1984 Oct; 51(4):425-8

The biochemical nature of inactive renin. McIntyre GD. **Scott Med J** 1984 Apr;29(2):127-8

[Biochemical properties of renin in human pituitary tissue] Mizuno K, et al. **Nippon Naibunpi Gakkai Zasshi** 1985 May 20;61(5):571-80 (Eng. Abstr.) **(Jpn)**

[Evidence for the existence of inactive brain renin in the rat. Part I. Activating mechanisms and regional distribution of inactive renin in the brain of normotensive rats] Mizuno K, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Nov 20; 60(11):1304-13 (Eng. Abstr.) **(Jpn)**

ANTAGONISTS & INHIBITORS

Mechanism for inhibition of renin release by acute plasma volume expansion in the dog. Roy MW, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):F206-11

Renin inhibitors containing 2-substituted statine. Veber DF, et al. **Biochem Soc Trans** 1984 Dec;12(6):956-9

Inhibition of renin: recent developments. Hofbauer KG, et al. **Contrib Nephrol** 1984;43:144-52 (36 ref.)

Increased plasma renin during renin inhibition. Studies with a novel immunoassay. Hofbauer KG, et al. **Hypertension** 1985 May-Jun;7(3 Pt 2):I61-5

Highly potent and specific inhibitors of human renin. Kokubu T, et al. **Hypertension** 1985 May-Jun;7(3 Pt 2):I8-11

Effects of a specific and long-acting renin inhibitor in the marmoset. Wood JM, et al. **Hypertension** 1985 Sep-Oct; 7(5):797-803

Inhibition of human renin by synthetic peptides derived from its prosegment. Cumin F, et al. **J Biol Chem** 1985 Aug 5;260(16):9154-7

Calcium antagonists and renin-angiotensin inhibitors for antihypertensive therapy. **J Cardiovasc Pharmacol** 1985;7 Suppl 4:S1-102

In vitro and in vivo inhibition of human and primate renin by a new potent renin inhibitor: SR 42128. De Claviere M, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 4:S58-61

Comparison of different drug interference with the renin-angiotensin system. Hofbauer KG, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 4:S62-8

Comparative hemodynamic effects of MK-422, a converting enzyme inhibitor, and a renin inhibitor in dogs with acute left ventricular failure. Sweet CS, et al. **J Cardiovasc Pharmacol** 1984 Nov-Dec;6(6):1067-75

Renin inhibitors: their use in understanding the role of angiotensin II as a pressor hormone. Tree M, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 4:S49-52

The first Sir George Pickering memorial lecture. Which inhibitors will give us true insight into what renin really does? Haber E. **J Hypertens** 1984 Jun;2(3):223-30 (58 ref.)

Effects of the renin inhibitor H77 on the pressor responses to injected pig, rat and dog renins in vivo. Oldham AA, et al. **J Hypertens** 1983 Aug;1(2):191-5

Non-specific inhibition of pressor agents in vivo by the renin inhibitor pepstatin A. Oldham AA, et al. **J Hypertens** 1984 Apr;2(2):157-61

A transition-state analogue inhibitor of human renin (H.261): test in vitro and a comparison with captopril in the anaesthetized baboon. Szelke M, et al. **J Hypertens** 1985 Feb;3(1):13-8

New inhibitors of human renin tested in vitro and in vivo in the anaesthetized baboon. Tree M, et al. **J Hypertens** 1983 Dec;1(4):399-403

Identification of renin inhibitors in normal and uremic plasma. Kotchen TA, et al. **J Lab Clin Med** 1985 Mar;105(3):286-93

Inhibition of renin by substrate analogue inhibitors containing the olefinic amino acid 5(S)-amino-7-methyl-3(E)-octenoic acid. Johnson RL. **J Med Chem** 1984 Oct;27(10):1351-4

Peptide inhibitors of renin. Leckie BJ, et al. **Scott Med J** 1984 Apr;29(2):125-6

[Renin inhibitors] Ogihara T, et al. **Nippon Rinsho** 1985 May; 43(5):956-63 (30 ref.) **(Jpn)**

BIOSYNTHESIS

Renin expression by vascular endothelial cells in culture. Lilly LS, et al. **Circ Res** 1985 Aug;57(2):312-8

Influence of androgen on translatable renin mRNA in the mouse submandibular gland. Pratt RE, et al. **Hypertension** 1984 Sep-Oct;6(5):605-13

Renin gene expression in vessels of the ovine renal cortex. Darby IA, et al. **J Hypertens** 1985 Feb;3(1):9-11

New morphological evidence for the synthesis and storage of renin in the human kidney: an ultrastructural immunocytochemical study. Lindop GB, et al. **J Hypertens** 1984 Feb;2(1):7-10

Renin precursors. Poulsen K, et al. **J Hypertens** 1983 Jun; 1(1):3-5 (31 ref.)

[Endogenic activation of prorenin in hypertension] Shkhvatsabaia IK, et al. **Kardiologiia** 1984 Jul;24(7):48-52 (Eng. Abstr.) **(Rus)**

BLOOD

6-methoxy-tetrahydro-beta-carboline (pinoline): effects on plasma renin activity and aldosterone, TSH, LH and beta-endorphin levels in rats. Airaksinen MM, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):525-30

Prolonged ACTH infusion suppresses aldosterone secretion in spite of high renin activity. Oelkers W. **Acta Endocrinol (Copenh)** 1985 Jan;108(1):91-7

The effect of infused prostaglandin F2 alpha on plasma antidiuretic hormone and renin activity in early human pregnancy. Punnonen R, et al. **Acta Obstet Gynecol Scand** 1984;63(5):455-7

Electrolyte excretion in 12-hour urine and in spot urine. Relationship to plasma renin activity and aldosterone concentration in older children. Uchiyama M, et al. **Acta Paediatr Scand** 1985 May;74(3):394-9

Circadian rhythms of food and 1% NaCl intake, urine and electrolyte excretion, plasma renin activity and insulin concentration in adrenalectomized rats. Ikonomov OC, et al. **Acta Physiol Hung** 1985;65(2):181-98

Effect of constant light and darkness on the circadian rhythms in rats. II. Plasma renin activity and insulin concentration. Ikonomov OC, et al. **Acta Physiol Pharmacol Bulg** 1985;11(1):55-61

Plasma renin activity in rats with renal denervation and adrenoreceptor blockers. Tzaneva N, et al. **Acta Physiol Pharmacol Bulg** 1985;11(1):62-9

Changes in plasma aldosterone levels and renin activity after bilateral superior cervical ganglionectomy in two strains of rats. Nahmod VE, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(3):263-9

The effects of changes in serum calcium and parathormone on plasma renin activity in intact mongrel dogs. Zawada ET Jr, et al. **Adv Exp Med Biol** 1984;178:311-8

The influence of selective and nonselective prostaglandin inhibition on renin. Pedrinelli R, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:147-50

Plasma renin activity and plasma aldosterone concentrations in untreated Nigerians with essential hypertension. Osotimehin B, et al. **Afr J Med Med Sci** 1984 Sep-Dec; 13(3-4):139-43

Hemodynamic and hormonal effects of high-dose transdermal nitroglycerin in patients with chronic congestive heart failure. Elkayam U, et al. **Am J Cardiol** 1985 Sep 15;56(8):555-9

Efficacy of captopril in low-renin congestive heart failure: importance of sustained reactive hyperreninemia in distinguishing responders from nonresponders. Packer M, et al. **Am J Cardiol** 1984 Oct 1;54(7):771-7

Low-renin hypertension in young infants. Field ML, et al. **Am J Dis Child** 1985 Aug;139(8):823-5

Plasma renin activity after birth and in the early newborn period. Hadeed A, et al. **Am J Perinatol** 1984 Jul;1(4):285-7

Mechanism of inhibition of renin secretion by increased left atrial pressure. Lee ME, et al. **Am J Physiol** 1985 May; 248(5 Pt 2):R641-4

Hormonal and hemodynamic responses to halothane and enflurane in spontaneously hypertensive rats. Miller ED Jr, et al. **Anesth Analg** 1985 Feb;64(2):136-42

Effects of epidural anesthesia on catecholamines, renin activity, and vasopressin changes induced by tilt in elderly men. Ecoffey C, et al. **Anesthesiology** 1985 Mar;62(3):294-7

An in vitro study of the effects of a beta-blocker and a diuretic upon interconversion of active and inactive renin. Roulston JE. **Ann Clin Biochem** 1985 Mar;22 (Pt 2):213-4

Orthostatic response of plasma renin activity and urinary kallikrein excretion in children with difficulty awakening in the morning. Uchiyama M, et al. **Ann Hum Biol** 1985 Jul-Aug;12(4):373-6

Effects of K-351 on hemodynamics and renin release in anesthetized dogs. Hisa H, et al. **Arch Int Pharmacodyn Ther** 1984 Sep;271(1):169-76

Renin response to captopril in conscious dogs pretreated with indomethacin or propranolol. Kamijo T, et al. **Arch Int Pharmacodyn Ther** 1985 Mar;274(1):56-64

Hyporeninemic hypoaldosteronism. New associations. May ME, et al. **Arch Intern Med** 1985 Aug;145(8):1519

Low plasma renin activity in lupus-prone mice: a metabolic abnormality in MRL/Mp-lpr/lpr mice? [letter] Rudofsky UH, et al. **Arthritis Rheum** 1985 May;28(5):599-600

Role of renin and aldosterone in establishment of electrolyte balance in very low birthweight neonates. Leslie GI, et al. **Aust Paediatr J** 1984 Aug;20(3):209-12

Increase of plasma renin activity in male and female rabbits subjected to dysbaric conditions. Chryssanthou C, et al. **Aviat Space Environ Med** 1985 May;56(5):427-30

The influence of repeated administration of prazosin on its hypotensive effect and on renin release in conscious dogs. A comparison with urapidil. Beck A, et al. **Basic Res Cardiol** 1984 Sep-Oct;79(5):579-87

Identification of plasma inactive renin as prorenin with a site-directed antibody. Kim SJ, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):641-5

The effects of acute and chronic perinatal stress on plasma vasopressin concentration and renin activity at birth. Pohjavuori M, et al. **Biol Neonate** 1985;47(5):259-64

Clinical evaluation of plasma renin activity in various diseases in childhood. Uchiyama M, et al. **Br J Clin Pract** 1985 Jan;39(1):14-6, 19

Fetal plasma renin and renin substrate in mid-trimester pregnancy. Symonds EM, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):618-21

Sodium restriction amplifies and propranolol loading inhibits circadian rhythm of plasma renin-angiotensin and aldosterone. Cugini P, et al. **Chronobiologia** 1985 Apr-Jun; 12(2):155-65

Effects of experimental hypotension on hemodynamics and renin secretion rate. Simchon S, et al. **Circ Shock** 1985; 15(1):27-36

Confirmation of the optimal pH for measuring renin activity in plasma [letter] Boer P, et al. **Clin Chem** 1985 Jan; 31(1):149-50

Plasma renin activity in insulin-dependent diabetics with raised glomerular filtration rate. Wiseman MJ, et al. **Clin Endocrinol (Oxf)** 1984 Oct;21(4):409-14

Evidence for a circulating sodium-potassium pump inhibitor in low renin hypertension. Haddy FJ, et al. **Clin Exp Hypertens [A]** 1985;7(5-6):633-45 (58 ref.)

Effects of intracerebroventricular administration of biological active peptides on plasma renin activity in conscious rats. Iwata T, et al. **Clin Exp Hypertens [A]** 1984; 6(10-11):1787-90

Studies on the active and inactive renin in renovascular hypertension. Ogawa K, et al. **Clin Exp Hypertens [A]** 1984; 6(9):1641-51

Renal venous renin ratio as a predictor of improvement in hypertension following nephrectomy for unilateral renal disease. Gordon RD, et al. **Clin Exp Pharmacol Physiol** 1984 Jul-Aug;11(4):403-6

Is aldosterone/renin ratio useful to screen a hypertensive population for primary aldosteronism? Hamlet SM, et al. **Clin Exp Pharmacol Physiol** 1985 May-Jun;12(3):249-52

Effects of beta-adrenoceptor blockade on prostacyclin mediated renin release in sheep. Mason RT, et al. **Clin Exp Pharmacol Physiol** 1984 Nov-Dec;11(6):571-7

Correlation of plasma angiotensin II concentration and plasma renin activity during acute hypoxia in dogs. Raff H, et al. **Clin Exp Pharmacol Physiol** 1985 Jan-Feb; 12(1):91-4

Hypertension corrected and aldosterone responsiveness to renin-angiotensin restored by long-term dexamethasone in glucocorticoid-suppressible hyperaldosteronism. Woodland E, et al. **Clin Exp Pharmacol Physiol** 1985 May-Jun;12(3):245-8

Lack of effect of naloxone in a moderate dosage on the exercise-induced increase in blood pressure, heart rate, plasma catecholamines, plasma renin activity and plasma aldosterone in healthy males. Bramnert M, et al. **Clin Sci** 1985 Feb;68(2):185-91

Changes induced by orthostatism in plasma renin activity and natriuresis. Influence of hypertension and renal failure. Labeeuw M, et al. **Contrib Nephrol** 1984;41:38-42

Morphological changes in the adrenal cortex in different variants of low-renin hyperaldosteronism. Comparison with the functional state of certain hormonal systems. Shkhvatsabaya IK, et al. **Cor Vasa** 1985;27(2-3):103-10

Low plasma renin activity in diabetes. Relation to urine prostaglandin excretion. Wilson TW, et al. **Diabetes** 1985 Feb;34(2):145-50

Synthetic rat atrial natriuretic factor inhibits in vitro and in vivo renin secretion in rats. Obana K, et al. **Endocrinology** 1985 Sep;117(3):1282-4

Physiological inhibition of ovine fetal plasma renin activity by cortisol. Wood CE, et al. **Endocrinology** 1984 Nov; 115(5):1792-6

The contact phase of blood coagulation and renin activation in essential hypertension before and after captopril. Patrassi GM, et al. **Eur Heart J** 1984 Jul;5(7):561-7

Systemic and carotid haemodynamics and plasma renin activity during deliberate hypotension in dogs: a comparison of sodium nitroprusside with nicergoline. Pinaud ML, et al. **Eur J Anaesthesiol** 1984 Mar;1(1):21-9

Plasma renin activity and serum aldosterone during prolonged physical strain. The significance of sleep and energy deprivation. Opstad PK, et al. **Eur J Appl Physiol** 1985;54(1):1-6

Relationship between plasma renin activity and physical fitness in normal subjects. M'Buyamba-Kabangu JR, et al. **Eur J Applied Physiol** 1985;53(4):304-7

Influence of physical training on blood pressure, plasma renin, angiotensin and catecholamines in patients with ischaemic heart disease. Vanhees L, et al. **Eur J Applied Physiol** 1984;53(3):219-24

Vasoactive intestinal polypeptide stimulation of prolactin release and renin activity in normal man and patients with hyperprolactinaemia: effects of pretreatment with bromocriptine and dexamethazone. Lightman SL, et al. **Eur J Clin Invest** 1984 Dec;14(6):444-8

Active and acid-activable inactive renin during inhibition by indomethacin of prostaglandin synthesis in sodium-replete man. Lijnen P, et al. **Eur J Clin Invest** 1985 Jun;15(3):141-5

Effect of intravenous ketanserin on plasma catecholamines and renin activity in normal volunteers. Reimann IW, et al. **Eur J Clin Pharmacol** 1985;28(3):273-7

Increase of plasma renin activity after subcutaneous application of compound 48/80 in the rat. Izumi H, et al. **Eur J Pharmacol** 1985 Feb 26;109(2):249-56

Evidence for a circulating endogenous Na+-K+ pump inhibitor in low-renin hypertension. Haddy FJ, et al. **Fed Proc** 1985 Sep;44(12):2789-94

A comparison of plasma renin activity levels in patients with and without congestive heart failure after myocardial infarction. Sanders JB, et al. **Heart Lung** 1985 Jan;14(1):1-8

The influence of plasma renin substrate on the relationship between plasma renin activity and plasma renin concentration. An experimental study in hyper- and hypothyroid rats. Jiménez E, et al. **Horm Metab Res** 1984 Jun;16(6):315-8

Renin disappearance rate in puppies. Fiselier T, et al. **Horm Res** 1984;20(3):197-201

Sex differences in the endocrine predictors of essential hypertension. Vasopressin versus renin. Cowley AW Jr, et al. **Hypertension** 1985 May-Jun;7(3 Pt 2):1151-60

Increased plasma renin during renin inhibition. Studies with a novel immunoassay. Hofbauer KG, et al. **Hypertension** 1985 May-Jun;7(3 Pt 2):I61-5

An improved fluorometric assay of rat serum and plasma converting enzyme. Santos RA, et al. **Hypertension** 1985 Mar-Apr;7(2):244-52

Does renin determine the blood pressure response to calcium entry blockers? Waeber B, et al. **Hypertension** 1985 Mar-Apr;7(2):223-7

Renin-aldosterone axis in ethanol intoxication: effect of A II infusion. Nieminen MM, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Mar;23(3):137-40

Diet and weight loss: their effect on norepinephrine renin and aldosterone levels. Grossman E, et al. **Int J Obes** 1985; 9(2):107-14

Sympathetic activity, plasma renin activity (PRA) and kininogen levels in patients haemodialysed with acetate and bicarbonate. Ksiażek A, et al. **Int Urol Nephrol** 1984; 16(4):337-44

MDL 17,043 therapy in severe congestive heart failure: characterization of the early and late hemodynamic, pharmacokinetic, hormonal and clinical response. Uretsky BF, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1414-21

Effect of weight reduction on the renin-aldosterone axis. Vaswani AN. **J Am Coll Nutr** 1985;4(2):225-31

Serum erythropoietin in humans at high altitude and its relation to plasma renin. Milledge JS, et al **J Appl Physiol** 1985 Aug;59(2):360-4

Effect of normoxemic and hypoxemic exercise on renin and aldosterone. Shigeoka JW, et al. **J Appl Physiol** 1985 Jul; 59(1):142-8

Lessons from antihypertensive drug trials that employed 'stepped care': the case for rationalized individualized treatment strategies based on renin system patterns. Laragh JH. **J Cardiovasc Pharmacol** 1984;6 Suppl 7:S1067-72

Vasopressin and renin in high output heart failure of rats: hemodynamic effects of elevated plasma hormone levels. Riegger GA, et al. **J Cardiovasc Pharmacol** 1985 Jan-Feb; 7(1):1-5

Ultradian oscillations in plasma renin activity: their relationships to meals and sleep stages. Brandenberger G, et al. **J Clin Endocrinol Metab** 1985 Aug;61(2):280-4

Evidence that the beta-adrenergic system and prostaglandins stimulate renin release through different mechanisms. Hsueh WA, et al. **J Clin Endocrinol Metab** 1985 Sep;

61(3):399–403

beta-Endorphin stimulates plasma renin and aldosterone release in normal human subjects. Rabinowe SL, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):485–9

Studies of renin activation and regulation of aldosterone and 18-hydroxycorticosterone biosynthesis in hyporeninemic hypoaldosteronism. Sowers JR, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):60–7

The relation of maternal blood volume to plasma renin activity in the pregnant rabbit. Valenzuela GJ, et al. **J Dev Physiol** 1985 Apr;7(2):99–104

Coincidence of pseudohypoaldosteronism with gluten-enteropathy. Dumić M, et al. **J Endocrinol Invest** 1984 Aug;7(4):395–8

Aldosterone and plasma renin activity in hyperthyroid rats: effects of propranolol and propylthiouracil. Montiel M, et al. **J Endocrinol Invest** 1984 Dec;7(6):559–62

Effects of prolonged and brief infusions of noradrenaline on arterial pressure and on the plasma concentrations of active renin, angiotensin II, aldosterone and potassium. Casals-Stenzel J, et al. **J Hypertens** 1983 Jun;1(1):27–35

Prostaglandin E2, renin and angiotensin II in renovascular hypertension. Kuylenstierna J, et al. **J Hypertens** 1984 Aug;2(4):397–403

Plasma prolactin, renin and catecholamines in young normotensive and borderline hypertensive subjects. Saito I, et al. **J Hypertens** 1984 Feb;2(1):61–4

Effect of DOCA-salt on angiotensin dependency and surgical reversal of hypertension in two-kidney, one clip renal hypertensive rats. Takata Y, et al. **J Hypertens** 1983 Jun;1(1):57–63

Chronic captopril infusion in two-kidney, one clip rats with normal plasma renin concentration. Wallace EC, et al. **J Hypertens** 1984 Jun;2(3):285–9

Effects of potassium on sodium balance, renin, noradrenaline and arterial pressure. Zoccali C, et al. **J Hypertens** 1985 Feb;3(1):67–72

Reversal of renovascular hypertension: a comparison of changes in blood pressure, plasma renin, and sodium balance in two models in rats. Godfrey N, et al. **J Lab Clin Med** 1985 Jun;105(6):679–85

A new sensitive direct radioimmunoassay for human plasma renin and its clinical application. Higaki J, et al. **J Lab Clin Med** 1984 Dec;104(6):947–54

Unresponsiveness of plasma mineralocorticoids to angiotensin II in diabetic patients with asymptomatic normoreninemic hypoaldosteronism. Kigoshi T, et al. **J Lab Clin Med** 1985 Feb;105(2):195–200

Plasma kallikrein and prorenin in patients with hereditary angioedema. Purdon AD, et al. **J Lab Clin Med** 1985 Jun;105(6):694–9

Concentration dependency of the renal vascular and renin secretory responses to adenosine receptor agonists. Murray RD, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):189–93

Comparative effects of cardiac receptors and sinoaortic baroreceptors on elevations of plasma vasopressin and renin activity elicited by haemorrhage. Goetz KL, et al. **J Physiol (Paris)** 1984;79(6):440–5

Role of renal venous renins in the diagnosis and management of renovascular hypertension. Thind GS. **J Urol** 1985 Jul;134(1):2–5 (40 ref.)

Landmark perspective: Renin in aldosteronism. Relating kidney and adrenal. Dustan HP. **JAMA** 1985 Jan 25;253(4):567–8

Diagnosis of unilateral renal artery lesions after captopril administration [letter] Grim CE. **JAMA** 1985 Jan 18;253(3):346–7

Renin-angiotensin system in genetically hypertensive mice. Iwao H, et al. **Jpn Circ J** 1984 Nov;48(11):1270–9

Acute effect of atenolol on hemodynamic, plasma renin activity and plasma aldosterone concentration in the once daily oral administration. Sasaki Y, et al. **Jpn Circ J** 1984 Sep;48(9):988–93

Responses of active and inactive plasma renin to insulin-induced hypoglycemia in normal subjects. Higaki J, et al. **Jpn Heart J** 1984 Jul;25(4):565–70

A case of hyperreninemic hypertension with unilateral hydronephrosis. Urata H, et al. **Jpn J Med** 1985 Feb;24(1):44–9

Direct relationship between renal arterial pressure and plasma renin activity in conscious rats. Imagawa J, et al. **Jpn J Pharmacol** 1984 Aug;35(4):481–4

Idiopathic hypercalciuria associated with hyperreninemia and high urinary prostaglandin E. Houser M, et al. **Kidney Int** 1984 Aug;26(2):176–82

Prostaglandin excretion after furosemide in normal and low-renin essential hypertension. Scherer B, et al. **Klin Wochenschr** 1984 Aug 16;62(16):777–82

The influence of chronic subcutaneous nicotine administration on aldosterone and corticosterone plasma concentrations and the plasma renin activity. Seifert J, et al. **Klin Wochenschr** 1984;62 Suppl 2:81–5

Quinacrine antagonizes the effects of Na,K-ATPase inhibitors on renal prostaglandin E2 release but not their effects on renin secretion. Churchill PC, et al. **Life Sci** 1985 Jan 21;36(3):277–82

Effect of intravenous epinephrine infusion on plasma renin activity in adrenalectomized dogs. Johnson MD. **Life Sci** 1985 Jun 24;36(25):2403–11

Effect of pertussis toxin on the adrenergic regulation of plasma renin activity. Pedraza-Chaverri J, et al. **Life Sci** 1984 Oct 15;35(16):1683–9

Plasma renin activity in patients with nephropathies. Kuska J, et al. **Mater Med Pol** 1984 Apr-Dec;16(2–4):100–4

Rationalization of assay units [letter] Sinton TJ. **Med J Aust** 1985 Sep 2;143(5):224

Increased plasma inactive renin in diabetes mellitus. A marker of microvascular complications. Luetscher JA, et al. **N Engl J Med** 1985 May 30;312(22):1412–7

No evidence for regulation of plasma renin by 1,25-dihydroxyvitamin D3 [letter] Mayfield RK, et al. **N Engl J Med** 1985 May 2;312(18):1195–6

Plasma renin activity, blood uric acid and plasma volume in pregnancy-induced hypertension. Fievet P, et al. **Nephron** 1985;40(4):429–32

Effects of purified hog pancreatic kallikrein on the kinin-prostaglandin system and renin-angiotensin-aldosterone system. Honda M, et al. **Nephron** 1985;41(1):34–8

Effects of changes in serum calcium and parathyroid hormone on plasma renin in intact mongrel dogs. Zawada ET Jr, et al. **Nephron** 1985;40(3):368–71

Serotonin and norepinephrine-dependent effects of fenfluramine on plasma renin activity in conscious male rats. Van de Kar LD, et al. **Neuropharmacology** 1985 Jun;24(6):487–94

Effects of single dose administration of angiotension covering enzyme inhibitor (captopril) on blood pressure, plasma renin activity and plasma aldosterone in patients with essential hypertension. A proposal for the captopril test. Kodama K, et al. **Nippon Jinzo Gakkai Shi** 1984 Sep;26(9):1243–9

Plasma aldosterone levels and plasma renin activity during the neonatal period in calves. Itoh N, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):397–401

Prostaglandin E2 and the renin-angiotensin system in primary aldosteronism and Cushing's syndrome. Kuylenstierna J, et al. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):387–95

Psychologic differences between high-, normal-, and low-renin hypertensives. Thailer SA, et al. **Psychosom Med** 1985 May-Jun;47(3):294–7

Personality characteristics and renin in essential hypertension. Perini C, et al. **Psychother Psychosom** 1985;43(1):44–8

Enhancement of renal prostaglandin E2 and renin release by autoregulatory dilation of preglomerular vessels in dogs. Vikse A, et al. **Renal Physiol** 1985;8(3):169–78

Captopril-induced hyperreninemia in cholesterol-fed rabbits. Overturf ML, et al. **Res Commun Chem Pathol Pharmacol** 1985 Feb;47(2):229–53

Captopril-induced changes on active and inactive renin in a patient with factor XII congenital deficiency. Patrassi GM, et al. **Res Exp Med (Berl)** 1985;185(3):217–20

Effects of two different experimental situations of hypothyroidism on serum aldosterone concentration and plasma renin in rats. Montiel M, et al. **Rev Esp Fisiol** 1984 Dec;40(4):431–6

Effects of changes in circulating volume and in arterial pressure on plasma renin activity in the intact rat. Soler A, et al. **Rev Esp Fisiol** 1985 Mar;41(1):107–16

Renin, angiotensin II, aldosterone, catecholamines, prostaglandins and vasopressin. The importance of pressor and depressor factors for hypertension in pregnancy. Pedersen EB, et al. **Scand J Clin Lab Invest [Suppl]** 1984;169:48–56

Goldblatt phenomenon in a single kidney: the importance of subselective renal vein renins. Brueggemeyer C, et al. **South Med J** 1984 Oct;77(10):1312–4

Renal prostaglandin E in pheochromocytoma. Hsieh BS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Aug;83(8):821–7

Cardiovascular responses to the stimulation of the fastigial nucleus and hypothalamus in rats. Huang TF, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jul;83(7):634–9

Plasma renin activity in stroke patients. Lee TK, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Feb;84(2):181–7

Active, inactive and total renin concentrations in plasma of hypertensive patients. Goto T, et al. **Tohoku J Exp Med** 1985 Apr;145(4):403–11

Hyperreninemic hypertension secondary to radiation nephritis in a child. Hulbert WC Jr, et al. **Urology** 1985 Aug;26(2):153–6

Comparative pharmacodynamics of furosemide and muzolimine in cirrhosis. Study on renal sodium and potassium handling and renin-aldosterone axis. Bernardi M, et al. **Z Kardiol** 1985;74 Suppl 2:129–34

[Values of plasma renin activity and aldosterone in normotensive pregnant women] Melamed V, et al. **Akush Ginekol (Sofiia)** 1984;23(4):320–3 (Eng. Abstr.) **(Bul)**

[Plasma renin and angiotensin II contents in healthy adults and factors affecting these levels] Zhao LY. **Chung Hua I Hsueh Tsa Chih** 1984 Jun;64(6):383–6 **(Chi)**

[The relationship between tension headache or vascular headache and plasma renin activity or angiotensin II level] Guo SS. **Chung Hua Nei Ko Tsa Chih** 1984 Apr;23(4):229–30 (Eng. Abstr.) **(Chi)**

[Plasma renin activity, plasma aldosterone concentration in the differential diagnosis of curable forms of secondary hypertension] Liu LS. **Chung Hua Nei Ko Tsa Chih** 1985 Jan;24(1):3–6, 61 (Eng. Abstr.) **(Chi)**

[Urinary excretion of prostaglandins and changes in plasma renin levels in patients with rheumatoid arthritis associated with cardiac decompensation treated with thiazides] Svendsen UG, et al. **Ugeskr Laeger** 1985 Feb 11;147(7):612–4 (Eng. Abstr.) **(Dan)**

[Plasma renin activity and prostaglandin E2 in hypotension induced by sodium nitroprusside] Blanloeil Y, et al. **Ann Fr Anesth Reanim** 1985;4(1):9–13 (Eng. Abstr.) **(Fre)**

[Plasma renin activity and prostaglandin E2 in hypotension induced by nicergoline] Pinaud M, et al. **Ann Fr Anesth Reanim** 1985;4(3):258–63 (Eng. Abstr.) **(Fre)**

[Growth hormone secretion and plasma renin activity in children following administration of clonidine] Butenandt O, et al. **Monatsschr Kinderheilkd** 1984 Oct;132(10):776–9 (Eng. Abstr.) **(Ger)**

[Effect of oxytocin on renin activity and aldosterone concentration in plasma as well as blood pressure in late pregnancy and early puerperium] Niesert S, et al. **Zentralbl Gynakol** 1985;107(9):561–7 (Eng. Abstr.) **(Ger)**

[Treatment of essential arterial hypertension with nifedipine: relation between changes of arterial pressure and plasma renin activity] Vulpis V, et al. **Cardiologia** 1984 Dec;29(12):653–9 (Eng. Abstr.) **(Ita)**

[Concentration-reinfusion methods in intractable ascites caused by liver cirrhosis. Importance of monitoring plasma renin activity and urinary sodium] D'Amore V, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):317–21 (Eng. Abstr.) **(Ita)**

[Bartter syndrome with persistent hyperreninemia associated with the fetal alcoholic syndrome. Case report] Calvani M, et al. **Minerva Pediatr** 1984 Nov 30;36(22):1161–8 (Eng. Abstr.) **(Ita)**

[Parametric methods applied to the standardization of gestational reference intervals for blood renin activity, aldosterone and cortisol using the transversal and longitudinal approach] Cugini P, et al. **Quad Sclavo Diagn** 1984 Sep;20(3):245–57 (Eng. Abstr.) **(Ita)**

[Correlation of renin-angiotensin system and prostanoid system in renal circulation. I. Measurement of glomerular filtration rate and renin secretion rate] Goto F, et al. **Masui** 1984 Sep;33(9):970–4 (Eng. Abstr.) **(Jpn)**

[Experimental study of renal hemodynamic response and renal venous PRA and PGE during acute elevation of unilateral renal pelvic pressure] Sakamoto F. **Nippon Hinyokika Gakkai Zasshi** 1985 Feb;76(2):219–30 (Eng. Abstr.) **(Jpn)**

[A simple assay method for plasma renin concentration and its usefulness for clinical application] Goto T. **Nippon Jinzo Gakkai Shi** 1984 Jun;26(6):767–77 (Eng. Abstr.) **(Jpn)**

[Purification of human plasma prorenin and molecular changes in its activation by proteolytic enzymes] Imamura Y. **Nippon Jinzo Gakkai Shi** 1985 Jan;27(1):1–12 (Eng. Abstr.) **(Jpn)**

[Responses of plasma bradykinin and the renin-angiotensin axis to furosemide in essential hypertension] Takeda Y, et al. **Nippon Jinzo Gakkai Shi** 1985 Apr;27(4):525–31 (Eng. Abstr.) **(Jpn)**

[The acute effects of the new angiotensin I-converting enzyme inhibitor, enalapril maleate, on blood pressure, plasma renin, aldosterone and kinins in hypertensive patients] Gotoh M, et al. **Nippon Naibunpi Gakkai Zasshi** 1985 May 20;61(5):619–29 (Eng. Abstr.) **(Jpn)**

[Serum angiotensin I converting enzyme activity in patients with hyperthyroidism and hypothyroidism: relation to renin and aldosterone] Gotoh M, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Jul 20;60(7):835–45 (Eng. Abstr.) **(Jpn)**

[The influence of aging on the renin angiotensin-aldosterone system: simultaneous measurement of plasma renin substrate concentration, plasma renin activity, plasma aldosterone concentration, and plasma active and inactive renin concentrations] Tsunoda K, et al. **Nippon Naika Gakkai Zasshi** 1984 Sep;73(9):1304–9 **(Jpn)**

[Sodium and renin profiles based on race and age] Ozawa T. **Nippon Rinsho** 1985 May;43(5):989–94 **(Jpn)**

[Changes in active and inactive renin throughout pregnancy] Takahashi T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul;37(7):1112–6 (Eng. Abstr.) **(Jpn)**

[Activity of the kinin and renin systems in patients treated with hemodialysis using acetate and bicarbonate liquid] Ksiażek A, et al. **Pol Tyg Lek** 1985 Jan 28;40(4):89–92 (Eng. Abstr.) **(Pol)**

[Relationship between the level of plasma renin activity and heart function in acute myocardial infarct] Nicolaescu V, et al. **Rev Med Interna [Med Interna]** 1984 Jul-Aug;36(4):339–48 (Eng. Abstr.) **(Rum)**

[Value of determining plasma renin activity in patients with essential arterial hypertension and coronary disease] Popescu P, et al. **Rev Med Interna [Med Interna]** 1984 Sep-Oct;36(5):417–24 (Eng. Abstr.) **(Rum)**

[Comparative evaluation of the efficacy of methods of cryo- and trypsin activation of inactive renin in vitro] Ustinova SE, et al. **Kardiologiia** 1985 Jan;25(1):44–7 (Eng. Abstr.) **(Rus)**

[Factors determining renin activity in the blood of normal subjects] Ustinova SE, et al. **Lab Delo** 1984;(7):398–402 (Eng. Abstr.) **(Rus)**

[Radioimmunoassay in the diagnosis of arterial hypertension] Slavnov VN, et al. **Med Radiol (Mosk)** 1984 Nov; 29(11):15-9 (Eng. Abstr.) **(Rus)**

[Circulating blood volume and plasma renin activity in the nephrotic syndrome. Effect of prednisolone therapy] Klepikov PV, et al. **Ter Arkh** 1984;56(7):41-4 (Eng. Abstr.) **(Rus)**

[Hemodynamics, various aspects of aldosterone metabolism and renin activity in children with cerebral palsy] Bankova VV, et al. **Vestn Akad Med Nauk SSSR** 1985;(6):37-40 (Eng. Abstr.) **(Rus)**

[Values of the renin-angiotensin-aldosterone system and other physiological variables in normal Venezuelan subjects] García Zozaya JL, et al. **Acta Cient Venez** 1984; 35(5-6):419-23 (Eng. Abstr.) **(Spa)**

[Urinary kallikrein activity in a hyporeninemic hypoaldosteronism syndrome] Mezzano S, et al. **Rev Med Chil** 1984 Apr;112(4):364-8 (Eng. Abstr.) **(Spa)**

DEFICIENCY

Role of a humoral Na+ -K+ pump inhibitor in low renin hypertension. Haddy FJ, et al. **Klin Wochenschr** 1985;63 Suppl 3:78-81 (53 ref.)

The syndrome of hyporeninemic hypoaldosteronism. Yang CS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jun; 83(6):585-91

GENETICS

Detection of renin mRNA in mouse testis by hybridization with renin cDNA probe. Pandey KN, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):662-7

Use of synthetic oligonucleotide and recombinant DNA probes to study renin gene expression. Darby IA, et al. **Clin Exp Pharmacol Physiol** 1985 May-Jun;12(3):199-203

Structure of human renin and expression of the renin gene. Morris BJ, et al. **Clin Exp Pharmacol Physiol** 1984 Jul-Aug; 11(4):369-73

Primary structure of the human renin gene. Hardman JA, et al. **DNA** 1984 Dec;3(6):457-68

Studies of the regulation of mouse renin genes by measurement of renin messenger ribonucleic acid. Catanzaro DF, et al. **Endocrinology** 1985 Sep;117(3):872-8

Evolution and variation of renin genes in mice. Dickinson DP, et al. **Genetics** 1984 Nov;108(3):651-67

Expression of tissue-specific Ren-1 and Ren-2 genes of mice: comparative analysis of 5'-proximal flanking regions. Field LJ, et al. **Mol Cell Biol** 1984 Nov;4(11):2321-31

Ren-1 and Ren-2 loci are expressed in mouse kidney. Field LJ, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6196-200

Structure of the human renin gene. Miyazaki H, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):5999-6003

Mouse kidney renin gene is on chromosome one. Chirgwin JM, et al. **Somatic Cell Mol Genet** 1984 Nov;10(6):633-7

Structure of the human renin gene. Shine J, et al. **Trans Assoc Am Physicians** 1984;97:63-9

IMMUNOLOGY

In vivo inhibition of renin by antirenin antibodies: potential experimental and clinical applications. Dzau VJ. **J Cardiovasc Pharmacol** 1985;7 Suppl 4:S53-7

Angiotensin-producing enzyme I of serum: formation by immunization with renin. Haas E, et al. **J Hypertens** 1984 Apr;2(2):131-40

The use of autirenin antibodies to investigate the renin-angiotensin system. Menard J, et al. **Nippon Jinzo Gakkai Shi** 1984 Jul;26(7):834-42 (33 ref.)

Monoclonal antibodies specific for human renin. Dzau VJ, et al. **Trans Assoc Am Physicians** 1984;97:146-50

ISOLATION & PURIFICATION

Functional significance of multiple forms of renin. Malvin RL, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1781-6

Application of immunochemical methods to the identification and characterization of rat kidney inactive renin. Takii Y, et al. **Hypertension** 1985 Mar-Apr;7(2):236-43

The purification of a high-molecular-weight, enzymatically inactive renin precursor from human kidney. McIntyre GD, et al. **J Hypertens** 1984 Jun;2(3):305-10

METABOLISM

Steroid induced changes of the renal kallikrein-kinin system in rats. Bönner G, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):131-40

Renin and angiotensins in cultured mouse adrenocortical tumour cells. Naruse M, et al. **Acta Endocrinol (Copenh)** 1985 Apr;108(4):545-9

Osmolarity changes can enhance the release of renin from human chorion. Cooke SF, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):819-21

Kinin stimulation of renin release in isolated rat glomeruli. Beierwaltes WH, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F757-61

Effects of synthetic atrial natriuretic factor on renal function and renin release. Burnett JC Jr, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F863-6

Renin release in turtles: effects of volume depletion and furosemide administration. Cipolle MD, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R100-5

Hepatic clearance of renin after angiotensin blockade. Keiser JA, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):R23-8

Elevated cardiac pressure inhibits renin release after arterial hypotension in conscious dogs. Lee ME, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R953-9

Interactions among renal nerves, prostaglandins, and renal arterial pressure in the regulation of renin release. Osborn JL, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F706-13

Modification of renin isoelectric heterogeneity in Goldblatt hypertensive rat. Sessler FM, et al. **Am J Physiol** 1985 Jun; 248(6 Pt 1):E694-8

Differential secretion and removal of multiple renin forms. Shier DN, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R79-84

Effects of alpha-agonist on renin and prostaglandin E2 release in anesthetized dogs. Takahashi K, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E604-8

Renin cleavage of a human kidney renin substrate analogous to human angiotensinogen, H-Asp-Arg-Val-Tyr-Ile-His-Pro-Phe-His-Leu-Val-Ile that is human renin specific and is resistant to cathepsin D. Poe M, et al. **Anal Biochem** 1984 Aug 1;140(2):459-67

Localization of renin (EC 3.4.23) and converting enzyme (EC 3.4.15.1) in nerve endings of rat brain. Paul M, et al. **Brain Res** 1985 May 20;334(2):315-24

Kinetic studies of rat renin and tonin on purified rat angiotensinogen. Gutkowska J, et al. **Can J Biochem Cell Biol** 1984 Feb-Mar;62(2-3):137-42

Immunohistochemical demonstration of renin in the juxtaglomerular apparatus of three Bufo species. Lamers AP, et al. **Cell Tissue Res** 1985;239(3):677-82

Are the renin-containing granules of juxtaglomerular epithelioid cells modified lysosomes? Taugner R, et al. **Cell Tissue Res** 1985;239(3):575-87

Effects of synthetic atrial natriuretic peptide on renal function and renin release in acute experimental heart failure. Scriven TA, et al. **Circulation** 1985 Oct;72(4):892-7

The influence of age on the renin-like activity in the hypothalamus of rat and rabbit. Gotia S, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1801-5

Evidence for existence of inactive arterial renin-like enzyme in the rat. Mizuno K, et al. **Clin Exp Hypertens [A]** 1985; 7(1):93-103

Seasonal kidney and plasma renin concentration in Testudo hermanni Gmelin. Vallarino M. **Comp Biochem Physiol [A]** 1984;79(4):529-31

Resetting of renal blood flow autoregulation and renin release in spontaneously hypertensive rats. Iversen BM, et al. **Contrib Nephrol** 1984;41:415-6

Demonstration of renin activity in purified rat Leydig cells: evidence for the existence of an endogenous inactive (latent) form of enzyme. Pandey KN, et al. **Endocrinology** 1984 Nov;115(5):1753-9

Differences in kidney renin content between normotensive and spontaneously hypertensive rats: effect of captopril treatment. Antonaccio MJ, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):157-9

Renin-like activity in ovarian follicular fluid. Fernandez LA, et al. **Fertil Steril** 1985 Aug;44(2):219-23

Renin immunohistochemistry in the mesonephros and metanephros of the pig embryo. Egerer G, et al. **Histochemistry** 1984;81(4):385-90

Effect of glandular kallikrein on renin release in isolated rat glomeruli. Beierwaltes WH, et al. **Hypertension** 1985 Jan-Feb;7(1):27-31

Comparison of renin and converting enzyme inhibition in sodium-deficient dogs. Blaine EH, et al. **Hypertension** 1985 May-Jun;7(3 Pt 2):I66-71

Hypertension in experimental diabetes mellitus. Renin-prostaglandin interaction. Katayama S, et al. **Hypertension** 1985 Jul-Aug;7(4):554-61

Preliminary X-ray crystallographic data on mouse submaxillary gland renin and renin-inhibitor complexes. Navia MA, et al. **J Biol Chem** 1984 Oct 25;259(20):12714-7

Inactive renin in peritoneal fluid--an independent system or a transport form of circulating renin? Bowerman B, et al. **J Hypertens** 1984 Jun;2(3):271-6

Characterization of inactive renin in mouse amniotic fluid. Jacobsen J, et al. **J Hypertens** 1984 Oct;2(5):523-7

Binding of human renin to plasma proteins and comparison with plasma active and inactive renin. Leckie BJ, et al. **J Hypertens** 1985 Feb;3(1):73-80

Renal metabolism in mice of exogenously administered 125I labelled renin. Nakamura N, et al. **J Hypertens** 1984 Jun; 2(3):241-8

Renin precursors. Poulsen K, et al. **J Hypertens** 1983 Jun; 1(1):3-5 (31 ref.)

The subcellular distribution and storage form of renin in human kidney cortex. Taylor GM, et al. **J Hypertens** 1983 Oct;1(3):277-84

Changes in active and inactive renin and in angiotensin II across the kidney in essential hypertension and renal artery stenosis. Webb DJ, et al. **J Hypertens** 1984 Dec;2(6):605-14

Urinary electrolyte excretion and orthostatic response of blood pressure and plasma renin activity in children with postural hypotension before and after treatment with Dihydergot. Uchiyama M, et al. **J Int Med Res** 1985; 13(1):54-8

Renin and angiotensin-converting enzyme in human neuroblastoma tissue. Mizuno K, et al. **J Neurochem** 1985 Aug;45(2):626-9

True renin in human pituitary tissue. Mizuno K, et al. **J Neurochem** 1985 Feb;44(2):633-6

Hemodynamic and adrenergic mechanisms for renin release. Langård O. **J Oslo City Hosp** 1984 Oct;34(10):91-102

Conversion of low molecular weight renin into the high molecular weight form by Cu2+ in the rat kidney. Morimoto S, et al. **J Pharmacobiodyn** 1984 Nov;7(11):820-9

Hypertension following carotid endarterectomy: the role of cerebral renin production. Smith BL. **J Vasc Surg** 1984 Sep;1(5):623-7

Effects of sodium, potassium, ACTH and nephrectomy on adrenal renin. Doi Y, et al. **Jpn Circ J** 1984 Nov; 48(11):1280-1

Renin in cultured cells of neural crest origin (abstract). Okamura T, et al. **Jpn Circ J** 1984 Nov;48(11):1225-7

Effects of W-7 and W-5 on renin release from rat kidney cortical slices. Matsumura Y, et al. **Jpn J Pharmacol** 1984 Oct;36(2):268-71

Diminished number of renin-containing cells in kidney biopsy samples from hypertensive women immediately postpartum: an immunomorphologic study. Nochy D, et al. **Kidney Int** 1984 Jul;26(1):85-7

Renin release from kidney cortical slices in response to isoproterenol and glucagon is decreased in vitamin E-deficient rats. Miyawaki N, et al. **Life Sci** 1985 Sep 9; 37(10):923-30

High-molecular-weight renin converting enzyme from dog kidney: detection and fractionation. Tanaka M, et al. **Life Sci** 1985 Mar 25;36(12):1217-24

Ca2+-dependent modulation of renin release from isolated glomeruli: apparent independence from alterations in cGMP. Craven PA, et al. **Metabolism** 1985 Jul;34(7):651-7

Effects of adenosine on renin release from isolated rat glomeruli and kidney slices. Skøtt O, et al. **Pflugers Arch** 1985 Jul;404(3):232-7

Gonadotropin-dependent renin in the rat testes. Naruse M, et al. **Proc Soc Exp Biol Med** 1984 Nov;177(2):337-42

Renal prostaglandin E2 and the renin-angiotensin system in hypertensive disorders in man. Kuylenstierna J, et al. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):19-30

PHARMACODYNAMICS

Central angiotensin-induced water intake and salt appetite in the pig. Mutter J, et al. **Brain Res** 1984 Nov 26; 322(2):374-7

Hemodynamic effects of chronic intraventricular administration of renin in awake dogs. Chelly J, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1921-5

PHYSIOLOGY

Defining the physiologic and pathophysiologic roles of renin: the role of specific inhibitors. Haber E. **Am J Kidney Dis** 1985 Apr;5(4):A14-22 (61 ref.)

Renin and blood pressure. Tree M, et al. **Biochem Soc Trans** 1984 Dec;12(6):948-51

Angiotensin-converting enzyme inhibitors: biochemical properties and biological actions. Ondetti MA, et al. **CRC Crit Rev Biochem** 1984;16(4):381-411 (160 ref.)

Effects of brain renin-angiotensin on cardiovascular function and saline intake in awake dogs. Buckley JP, et al. **J Physiol (Paris)** 1984;79(6):485-90 (11 ref.)

SECRETION

Haemodynamic conditions for renal PGE2 and renin release during alpha- and beta-adrenergic stimulation in dogs. Vikse A, et al. **Acta Physiol Scand** 1985 Jun;124(2):163-72

Enhanced 24-hour norepinephrine and renin secretion in young patients with essential hypertension: relation with the circadian pattern of arterial blood pressure. Tuck ML, et al. **Am J Cardiol** 1985 Jan 1;55(1):112-5

Influence of renal perfusion pressure on alpha- and beta-adrenergic stimulation of renin release. Blair ML, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E317-26

Intracellular recordings from renin-positive cells of the afferent glomerular arteriole. Bührle CP, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F272-81

Second messengers in renin secretion. Churchill PC. **Am J Physiol** 1985 Aug;249(2 Pt 2):F175-84 (84 ref.)

Na+-K+-ATPase inhibitors and renin release: relationship to calcium. Cruz-Soto M, et al. **Am J Physiol** 1984 Oct; 247(4 Pt 2):F650-5

Effect of renal denervation on the suppression of renin secretion by vasopressin in conscious dogs. Gregory LC, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):F881-7

Vasoactive intestinal peptide in the regulation of renin secretion. Porter JP, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F84-9

Effect of 6-aminonicotinamide on renin release in isolated rat kidney: possible role for the pentose pathway. Rostand SG, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F213-9

Is renin secretion governed by the calcium permeability of the juxtaglomerular cell membrane? Kurtz A, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):359-66

Inhibition of renin secretion by platelet activating factor (acetylglyceryl ether phosphorylcholine) in cultured rat renal juxtaglomerular cells. Pfeilschifter J, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):903-10

Stimulation of renin secretion by 8-(N,N-diethylamino)octyl-3,4,5-trimethoxybenzoate (TMB-8). Baxter CR, et al. **Biochem Pharmacol** 1985 May 1;34(9):1523-7

The role of alpha-adrenoceptors in the regulation of renal tubular sodium reabsorption and renin secretion in the rabbit. Hesse IF, et al. **Br J Pharmacol** 1985 Mar;

READEX FICHE pages tightly bound

84(3):715-24

Role of midbrain raphe in stress-induced renin and prolactin secretion. Van de Kar LD, et al. **Brain Res** 1984 Oct 8; 311(2):333-41

Ultrastructural changes associated with renin secretion from the juxtaglomerular apparatus of mice. Taugner R, et al. **Cell Tissue Res** 1984;237(3):459-72

Contribution of beta-adrenergic receptor mediated renin release to the maintenance of blood pressure during nitroprusside infusion in conscious rats. Bush EN, et al. **Clin Exp Hypertens [A]** 1984;6(12):2161-72

Synchronous changes in active and inactive renin secretion after furosemide in patients with primary aldosteronism. Ogawa K, et al. **Clin Exp Hypertens [A]** 1984;6(8):1459-67

Renin-secreting tumour. Robertson JI. **Contrib Nephrol** 1984; 43:153-8 (34 ref.)

Morphology of the juxtaglomerular apparatus and secretory mechanisms. Taugner R, et al. **Contrib Nephrol** 1984; 43:76-101 (43 ref.)

Role of extra- and intracellular calcium and calmodulin in renin release from rat kidney. Antonipillai I, et al. **Endocrinology** 1985 Aug;117(2):601-6

Decreases in renin and aldosterone secretion in alloxan diabetes: an effect of insulin deficiency. Pratt JH, et al. **Endocrinology** 1985 May;116(5):1712-6

Pertussis toxin potentiates anesthesia-induced renin secretion. Pedraza-Chaverrí J, et al. **Eur J Pharmacol** 1985 May 28; 112(1):115-7

Diagnosis and treatment of renin-secreting tumors. Report of three cases. Baruch D, et al. **Hypertension** 1984 Sep-Oct; 6(5):760-6

Role of the macula densa in renin release. Itoh S, et al. **Hypertension** 1985 May-Jun;7(3 Pt 2):I49-54

An inhibitory effect of dietary polyunsaturated fatty acids on renin secretion in the isolated perfused rat kidney. Codde JP, et al. **J Hypertens** 1984 Jun;2(3):265-70

Intrarenal beta-receptor and renal baroreceptor interaction in the control of the renin response to transient reduction of the renal perfusion pressure in man. Guazzi MD, et al. **J Hypertens** 1985 Feb;3(1):39-45

A1 and A2 adenosine receptor activation inhibits and stimulates renin secretion of rat renal cortical slices. Churchill PC, et al. **J Pharmacol Exp Ther** 1985 Mar; 232(3):589-94

Inhibitory effects of norepinephrine, methoxamine and phenylephrine on renin release from rat kidney cortical slices. Matsumura Y, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):782-7

Autoregulatory vasodilation enhances renal prostaglandin E2 and associated renin release during arachidonic acid infusion in dogs. Vikse A, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):261-6

Mechanism of effect of dibutyryl cyclic adenosine 3',5'-monophosphate on canine renal renin release. Bondar N, et al. **J Physiol (Lond)** 1984 Oct;355:33-41

Central neuroendocrine regulation of renin secretion rate: a hypothesis. Weekley LB. **J Theor Biol** 1984 Dec 7; 111(3):609-13

Renin release from isolated afferent arterioles. Itoh S, et al. **Kidney Int** 1985 May;27(5):762-7

Inhibition of renin release following left circumflex bradykinin injection in dogs. Livnat A, et al. **Life Sci** 1984 Nov 12;35(20):2011-8

Prostacyclin-independence in beta-adrenoceptor mediated renin release from dog renal cortical slices. Satoh H, et al. **Life Sci** 1984 Oct 1;35(14):1519-26

The non-benzodiazepine anxiolytic buspirone inhibits stress-induced renin secretion and lowers heart rate. Van de Kar LD, et al. **Life Sci** 1985 Mar 25;36(12):1149-55

Renin release: beta 1- or beta 2-receptor mediated? [letter] Vanhees L, et al. **N Engl J Med** 1985 Jan 10;312(2):123-4

Pharmacological evidence that the sympathetic nervous system mediates the increase in secretion of renin produced by p-chloroamphetamine. Alper RH, et al. **Neuropharmacology** 1984 Nov;23(11):1237-40

Beta-blockers and the kidney: implications for renal function and renin release. Epstein M, et al. **Physiologist** 1985 Feb; 28(1):53-63

Renin release from nonclipped kidneys of 2K-1C hypertensive rats. Dietz JR. **Proc Soc Exp Biol Med** 1985 Jun;179(2):147-54

Nitrendipine-induced stimulation of renin release by the isolated perfused rat kidney. Loutzenhiser R, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):133-6

Renal vein renin sampling in essential hypertension using hydralazine and the tourniquet test. Gomes AS, et al. **Radiology** 1984 Dec;153(3):619-23

Exocrine and endocrine secretion of renin and epidermal growth factor from the mouse submandibular glands. Nexø E, et al. **Regul Pept** 1984 Jul;8(4):327-34

Participation of prostaglandin and adrenergic nervous system in renin release induced by changes in renal arterial pressure in rats. Imagawa J, et al. **Renal Physiol** 1985;8(3):140-9

Changes in salt intake alter the release of multiple renin species in a nonuniform manner. Katz SA, et al. **Renal Physiol** 1984;7(5):275-82

Effect of calcium, sodium and isoproterenol on renin secretion from disaggregated rat renal cortical cells. O'Dea RF Jr, et al. **Res Commun Chem Pathol Pharmacol** 1984 Nov;46(2):187-205

Effect of dopamine and dopamine-receptor blockade on in vitro renin release, tissue renin content and tissue cyclic AMP content in the rat. López GA, et al. **Rev Esp Fisiol** 1985 Mar;41(1):95-100

Ouabain inhibits renin release by a direct renal haemodynamic effect. Langård O, et al. **Scand J Clin Lab Invest** 1984 Oct;44(6):557-63

[Primary reninism--a rare cause of malignant renal hypertension] Horký K, et al. **Cas Lek Cesk** 1984 Jun 29; 123(26):806-11 (Eng. Abstr.) **(Cze)**

[Arterial hypertension in renin-producing retroperitoneal leiomyosarcoma] Fromme M, et al. **Klin Wochenschr** 1985 Feb 15;63(4):158-63 (Eng. Abstr.) **(Ger)**

URINE

Purification and characterization of rat urinary renin. Iwamoto T, et al. **Biochem Int** 1985 Mar;10(3):359-65

Urinary excretion of renin and its biochemical properties in dogs. Yukimura T, et al. **Hypertension** 1984 Nov-Dec;6(6 Pt 1):837-42

RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM see **RENIN-ANGIOTENSIN SYSTEM**

RENIN-ANGIOTENSIN SYSTEM

High prevalence of cardiovascular diseases and enhanced activity of the renin-angiotensin system in psoriatic patients. Ena P, et al. **Acta Cardiol (Brux)** 1985; 40(2):199-205

Percutaneous transluminal renal artery dilatation for fibromuscular dysplasia with special reference to the acute effects on the renin-angiotensin-aldosterone-system and blood pressure. Hägg A, et al. **Acta Med Scand [Suppl]** 1985;693:93-6

Prostaglandins, renin-angiotensin system, and hypertension. Nasjletti A, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:171-8 (30 ref.)

Vascular wall renin-angiotensin pathway in control of the circulation. A hypothesis. Dzau VJ. **Am J Med** 1984 Oct 5;77(4A):31-6 (45 ref.)

Calcium metabolism and parathyroid function in primary aldosteronism. Resnick LM, et al. **Am J Med** 1985 Mar; 78(3):385-90

Endogenous renin-angiotensin system and drinking behavior in flounder. Balment RJ, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R157-60

Second messengers in renin secretion. Churchill PC. **Am J Physiol** 1985 Aug;249(2 Pt 2):F175-84 (84 ref.)

Central role for angiotensin in control of adrenal catecholamine secretion. Corwin EJ, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):R363-70

Renin-angiotensin mechanisms in oral contraceptive hypertension in conscious rats. Fowler WL Jr, et al. **Am J Physiol** 1985 May;248(5 Pt 2):H695-9

Role of renin-angiotensin-aldosterone system in NaCl appetite of rats. Fregly MJ, et al. **Am J Physiol** 1985 Jan; 248(1 Pt 2):R1-11 (104 ref.)

Interactions between adenosine and angiotensin II in controlling glomerular filtration. Hall JE, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):F340-6

Thermal responses to central angiotensin II, SQ 20881, and dopamine infusions in sheep. Huang BS, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):R371-7

Control of intestinal absorption by the renin-angiotensin system. Levens NR. **Am J Physiol** 1985 Jul;249(1 Pt 1):G3-15 (117 ref.)

Renal responses to hypoxemia during renin-angiotensin system inhibition in fetal lambs. Nakamura KT, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R116-24

The state of the renin-angiotensin-aldosterone system in various clinical forms of hypertension in aging. Chebotarev DF, et al. **Arch Gerontol Geriatr** 1985 Apr;4(1):21-8

Cellular biology of the renin-angiotensin systems. Re RN. **Arch Intern Med** 1984 Oct;144(10):2037-41 (80 ref.)

The renin-angiotensin system and body function. Reid IA. **Arch Intern Med** 1985 Aug;145(8):1475-9 (29 ref.)

Brain angiotensin: on the way to becoming a well-studied neuropeptide system. Ganten D, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3523-8

Interrelationships between the renin-angiotensin-aldosterone system and sympathetic and dopaminergic activities in elderly subjects. Matsuda S. **Clin Exp Hypertens [A]** 1984; 6(8):1431-40

Alteration of the pattern of pressure changes during sleep of rats with overactivity of the renin-angiotensin system. Moreira RD, et al. **Clin Exp Hypertens [A]** 1984; 6(10-11):2123-6

The renin-angiotensin system and hypertensive left ventricular hypertrophy in the rat. Newling R, et al. **Clin Exp Pharmacol Physiol** 1984 Jul-Aug;11(4):419-22

Role of renin angiotensin aldosterone on minimal change nephrotic syndrome. Kumagai H, et al. **Clin Nephrol** 1985 May;23(5):229-35

Renin-aldosterone system suppression during water immersion in renovascular hypertension. Coruzzi P, et al. **Clin Sci** 1985 May;68(5):609-12

Interaction of renal prostaglandins with the renin-angiotensin and renal adrenergic nervous systems in healthy subjects during dietary changes in sodium intake. Kramer HJ, et al. **Clin Sci** 1985 Apr;68(4):387-93

Issues in glomerulonephritis and renin system. **Contrib Nephrol** 1984;43:1-203

Renovascular hypertension. Dietz R. **Contrib Nephrol** 1984; 43:129-43

The brain renin angiotensin system in central cardiovascular control. Ganten D, et al. **Contrib Nephrol** 1984;43:114-28 (52 ref.)

Intrarenal and systemic actions of the renin-angiotensin system. Implications for renal excretory function and sodium homeostasis. Hollenberg NK. **Contrib Nephrol** 1984; 43:102-13 (60 ref.)

Significance of the renin-angiotensin system for blood pressure regulation in end-stage renal disease. Kornerup HJ, et al. **Contrib Nephrol** 1984;41:123-7

Converting enzyme activity in regulation of blood pressure and kidney function. A review. Piryova B, et al. **Cor Vasa** 1984;26(6):401-7

The renin-angiotensin system in mother and foetus. Broughton Pipkin F. **Equine Vet J** 1984 Jul;16(4):253-5 (44 ref.)

Studies on equine prematurity 4: Effect of salt and water loss on the renin-angiotensin-aldosterone system in the newborn foal. Broughton Pipkin F, et al. **Equine Vet J** 1984 Jul;16(4):292-7

Renin and angiotensin responses to posture and exercise in elderly patients with heart failure. Cleland JG, et al. **Eur Heart J** 1984 Nov;5 Suppl E:9-11

Renin-angiotensin activation is not primarily responsible for the changes in mean arterial pressure during sternotomy in patients undergoing cardiac surgery. Cashman JN, et al. **Eur J Anaesthesiol** 1984 Sep;1(3):299-303

The renin-angiotensin-aldosterone system in infancy and childhood in basal conditions and after stimulation. Fiselier T, et al. **Eur J Pediatr** 1984 Nov;143(1):18-24

The vasopressor action of the renin-angiotensin system in the rat snake, Ptyas korros. Ho BY, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):313-20

Control of renal and adrenocortical function by the renin-angiotensin system in two euryhaline teleost fishes. Kenyon CJ, et al. **Gen Comp Endocrinol** 1985 Apr; 58(1):93-100

Effect of the renin-angiotensin system on limb circulation and metabolism during exercise in patients with heart failure. Wilson JR, et al. **J Am Coll Cardiol** 1985 Sep; 6(3):556-63

Effect of hypoxemia on the renin-angiotensin-aldosterone system in humans. Colice GL, et al. **J Appl Physiol** 1985 Mar;58(3):724-30

The site of angiotensin production. Campbell DJ. **J Hypertens** 1985 Jun;3(3):199-207 (94 ref.)

Calf muscle haemodynamics and the renin-angiotensin-aldosterone system in normotensive subjects with a familial predisposition to hypertension: changes during increased salt intake. Gudmundsson O, et al. **J Hypertens** 1984 Jun;2(3):291-6

Sodium sensitivity in essential hypertension: role of the renin-angiotensin-aldosterone system and predictive value of an intravenous frusemide test. Koolen MI, et al. **J Hypertens** 1984 Feb;2(1):55-9

Participation of the renin-angiotensin system in the maintenance of blood pressure during changes in posture in patients with essential hypertension. Morganti A, et al. **J Hypertens** 1985 Feb;3(1):55-61

Interaction between sympathetic and renin-angiotensin system. Zimmerman BG, et al. **J Hypertens** 1984 Dec; 2(6):581-7 (90 ref.)

Role of the renin-angiotensin system in hypertension after coarctation of the aorta. Bailie MD, et al. **J Lab Clin Med** 1984 Oct;104(4):553-62

Involvement of the vascular renin-angiotensin system in beta adrenergic receptor-mediated facilitation of vascular neurotransmission in spontaneously hypertensive rats. Kawasaki H, et al. **J Pharmacol Exp Ther** 1984 Oct; 231(1):23-32

Involvement of the renin-angiotensin system in captopril-induced sodium appetite in the rat. Elfont RM, et al. **J Physiol (Lond)** 1984 Sep;354:11-27

The renin-angiotensin system and sodium appetite. Fitzsimons JT. **J Physiol (Paris)** 1984;79(6):461-5

Is the renin-angiotensin system involved in urinary concentration mechanisms? Imbs JL, et al. **J Physiol (Paris)** 1984;79(6):481-4

Renin-angiotensin system in genetically hypertensive mice. Iwao H, et al. **Jpn Circ J** 1984 Nov;48(11):1270-9

Renin in cultured cells of neural crest origin (abstract). Okamura T, et al. **Jpn Circ J** 1984 Nov;48(11):1225-7

Pathophysiology and outcome of hypertensive subjects. Omae T. **Jpn J Med** 1985 May;24(2):174-80

Effects of angiotensin II blockade in the canine puppy under different salt-intake. Fiselier TJ, et al. **Kidney Int** 1984 Dec; 26(6):823-9

Primary aldosteronism [clinical conference] Melby JC. **Kidney Int** 1984 Nov;26(5):769-78

On the origin of non-insulin dependent diabetes mellitus [letter] O'Hare JA. **Lancet** 1985 Aug 3;2(8449):269

Clinical syndromes associated with disorders of renal tubular chloride transport: excess and deficiency of a circulating factor? Padfield PL, et al. **Med Hypotheses** 1984 Aug; 14(4):387-400

Arterial blood pressure and the renin-angiotensin-aldosterone system during postural changes in hypertensive patients with unilateral renal mobility. Fommei E, et al. **Nephron** 1985;40(1):104-7

The use of antirenin antibodies to investigate the renin-angiotensin system. Menard J, et al. **Nippon Jinzo Gakkai Shi** 1984 Jul;26(7):834-42 (33 ref.)

Effects of pharmacological manipulation of the renin-angiotensin system on the hibernation cycle of the 13-lined ground squirrel (Spermophilus tridecemlineatus). Weekley B, et al. **Physiol Behav** 1985 Jan;34(1):147-9

Some comparative aspects of the renin-angiotensin system. Malvin RL. **Physiologist** 1984 Oct;27(5):367-73 (34 ref.)

Renin angiotensin aldosterone system, urinary prostaglandins and kallikrein in pregnancy induced hypertension. Evidence for a disregulation of the renin-angiotensin-prostacyclin loop. Fievet P, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:808-14

Plasma renin activity, plasma aldosterone and distal urinary acidification in diabetics with chronic renal failure. Grande J, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:801-7

Multiple defects in the renin-angiotensin system in alloxan-diabetic kidney. Ho SC, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):297-303

Effects of two different experimental situations of hypothyroidism on serum aldosterone concentration and plasma renin in rats. Montiel M, et al. **Rev Esp Fisiol** 1984 Dec;40(4):431-6

Renin-angiotensin-aldosterone system in exaggerated natriuresis of chronic glomerulonephritis. Danielsen H, et al. **Scand J Clin Lab Invest** 1984 Dec;44(8):693-702

Hypertension in pregnancy. Prostaglandins, kinins and kallikrein. Karlberg BE, et al. **Scand J Clin Lab Invest [Suppl]** 1984;169:39-47

[A study on the changes in renin-angiotensin-aldosterone system in epidemic hemorrhagic fever and their clinical significance] Sun ZJ. **Chung Hua Nei Ko Tsa Chih** 1984 Jul;23(7):401-4, 461 (Eng. Abstr.) **(Chi)**

[Renin-angiotensin-aldosterone system, blood volume, serum uric acid and urinary excretion of prostaglandins and kallikrein in the arterial hypertension induced by pregnancy] Fiévet P, et al. **Arch Mal Coeur** 1984 Oct;77(11):1210-5 (Eng. Abstr.) **(Fre)**

[Renal adaptation to a restriction of sodium intake in the rat: effects of inhibition of the renin-angiotensin system] Jover B, et al. **Arch Mal Coeur** 1984 Oct;77(11):1234-7 (Eng. Abstr.) **(Fre)**

[Is there a relation between the renin-angiotensin-aldosterone system and vasopressin secretion in essential hypertension?] Więcek A, et al. **Z Gesamte Inn Med** 1984 Dec 1;39(23):578-82 (Eng. Abstr.) **(Ger)**

[Behavior of the renin-angiotensin-aldosterone system and vasopressin secretion in patients with renovascular hypertension or small kidney] Wieçek A, et al. **Z Gesamte Inn Med** 1985 Mar 15;40(6):172-6 (Eng. Abstr.) **(Ger)**

[Correlation of renin-angiotensin system and prostanoid system in renal circulation. I. Measurement of glomerular filtration rate and renin secretion rate] Goto F, et al. **Masui** 1984 Sep;33(9):970-4 (Eng. Abstr.) **(Jpn)**

[Plasma angiotensin I converting enzyme and renin angiotensin aldosterone system in hypertensive subjects] Nakamura M, et al. **Nippon Jinzo Gakkai Shi** 1985 Jan;27(1):97-102 (Eng. Abstr.) **(Jpn)**

[Role of renin-angiotensin system and prostaglandin system in the contralateral kidney of acute 2-kidney, 1 clip renovascular hypertension] Otsuka Y, et al. **Nippon Jinzo Gakkai Shi** 1985 Feb;27(2):269-77 (Eng. Abstr.) **(Jpn)**

[The effect of alterations of the renin-angiotensin system and the sympathetic nervous system on plasma bradykinin concentration in patients with essential hypertension] Takeda Y. **Nippon Naibunpi Gakkai Zasshi** 1984 Sep 20;60(9):1112-24 (Eng. Abstr.) **(Jpn)**

[The influence of aging on the renin angiotensin-aldosterone system: simultaneous measurement of plasma renin substrate concentration, plasma renin activity, plasma aldosterone concentration, and plasma active and inactive renin concentrations] Tsunoda K, et al. **Nippon Naika Gakkai Zasshi** 1984 Sep;73(9):1304-9 **(Jpn)**

[The renin-angiotensin system and the sympathetic nervous system] Shigetomi S, et al. **Nippon Rinsho** 1985 May;43(5):889-93 **(Jpn)**

[Effects of aging on vasoactive substances] Abe K, et al. **Nippon Ronen Igakkai Zasshi** 1984 Mar;21(2):95-100 (Eng. Abstr.) **(Jpn)**

[The kidney as an endocrine organ. I. Renin-angiotensin and kallikrein-kinin systems and renal prostaglandins] Kokot F. **Pol Arch Med Wewn** 1984 Dec;72(6):313-20 **(Pol)**

[Dissociation of the renin-angiotensin-aldosterone system in hyperthyroidism] Słowińska-Srzednicka J, et al. **Pol Tyg Lek** 1984 Jul 16-23;39(29-30):969-72 (Eng. Abstr.) **(Pol)**

[Effect of hormones on renal regulation of volemia] Bar A. **Wiad Lek** 1984 Jul 1;37(13):1043-7 (Eng. Abstr.) **(Pol)**

[Renin-angiotensin-aldosterone system and body adaptation to stress in old age] Korkushko OV, et al. **Fiziol Cheloveka** 1984 Jul-Aug;10(4):655-8 **(Rus)**

[Age-related changes in the regulatory function of the renin-angiotensin-aldosterone system] Ali AS. **Fiziol Zh** 1984 Nov-Dec;30(6):708-14 (Eng. Abstr.) **(Rus)**

[Acute kidney failure and the renin-angiotensin-aldosterone system] Bystrovskii VF. **Klin Med (Mosk)** 1985 Apr;63(4):13-6 (48 ref.) **(Rus)**

[Renin-angiotensin-aldosterone system and water-electrolyte metabolism in salmonellosis] Pak SG, et al. **Klin Med (Mosk)** 1985 Apr;63(4):103-6 (Eng. Abstr.) **(Rus)**

[Effect of space flight factors on the hormonal regulation of water-salt metabolism] Semenov VIu. **Kosm Biol Aviakosm Med** 1985 Jan-Feb;19(1):6-8 (Eng. Abstr.) **(Rus)**

[Disorders of the kallikrein-kinin, renin-angiotensin and sympathetic-adrenal systems in chronic kidney failure patients during hemodialysis treatment] Neimark MI. **Ter Arkh** 1984;56(9):102-5 (Eng. Abstr.) **(Rus)**

[Changes in the activity of enzymes of renin-angiotensin and kinin systems in the rat brain after adrenalectomy and administration of hydrocortisone] Kalinskaia LN, et al. **Ukr Biokhim Zh** 1985 May-Jun;57(3):35-40 (Eng. Abstr.) **(Rus)**

[The renin-angiotensin system and central hemodynamics on borderline arterial hypertension] Korchinskaia OI, et al. **Vrach Delo** 1985 Jun;(6):27-30 (Eng. Abstr.) **(Rus)**

[Values of the renin-angiotensin-aldosterone system and other physiological variables in normal Venezuelan subjects] García Zozaya JL, et al. **Acta Cient Venez** 1984;35(5-6):419-23 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Renin release during controlled hypotension with sodium nitroprusside, nitroglycerin and adenosine: a comparative study in the dog. Lagerkranser M, et al. **Acta Anaesthesiol Scand** 1985 Jan;29(1):45-9

Humoral factors involved in the regulation of sodium-fluid balance in normal man. II. Effect of indomethacin on sodium concentration, renal prostaglandins, vasopressin and renin-angiotensin-aldosterone system. Somova L, et al. **Acta Physiol Pharmacol Bulg** 1984;10(2):29-33

Clinical applications of angiotensin-converting enzyme inhibitors. Ferguson RK, et al. **Am J Med** 1984 Oct;77(4):690-8 (104 ref.)

Effects of auriculin (atrial natriuretic factor) on blood pressure, renal function, and the renin-aldosterone system in dogs. Maack T, et al. **Am J Med** 1984 Dec;77(6):1069-75

Relationship of blood pressure response and the renin-angiotensin system to first-dose prazosin. Nicholson JP, et al. **Am J Med** 1985 Feb;78(2):241-4

Role of prostaglandins in renin suppression during acute potassium loading. Kirchner KA. **Am J Physiol** 1985 Mar;248(3 Pt 2):F360-5

Role of aldosterone in late hyponatraemia [letter] Sulyok E. **Arch Dis Child** 1985 Feb;60(2):189

Effects of cyclosporine on the renin-angiotensin-aldosterone system and potassium excretion in renal transplant recipients. Bantle JP, et al. **Arch Intern Med** 1985 Mar;145(3):505-8

Pharmacological interferences with the renin-angiotensin system. Ganten D, et al. **Arzneimittelforsch** 1984;34(10B):1391-8 (58 ref.)

Chemistry of the inhibitors of the renin-angiotensin system. Geiger R. **Arzneimittelforsch** 1984;34(10B):1386-91 (58 ref.)

Altered blood pressure response to propyldazine after repeated oral administration in conscious normotensive dogs: role of the renin-angiotensin system. Bacher S, et al. **Basic Res Cardiol** 1984 Sep-Oct;79(5):588-97

Interactions between brain angiotensin and prostaglandins in rats. Schölkens BA, et al. **Biomed Biochim Acta** 1984;43(8-9):S203-7

Effect of indapamide on the renin-aldosterone system, and urinary excretion of potassium and calcium in essential hypertension. Danielsen H, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):229-31

A dose-response study of HOE 498, a new non-sulphydryl converting enzyme inhibitor, on blood pressure, pulse rate and the renin-angiotensin-aldosterone system in normal man. Manhem PJ, et al. **Br J Clin Pharmacol** 1985 Jul;20(1):27-35

Clinical importance of the renin-angiotensin system in chronic heart failure: double blind comparison of captopril and prazosin. Bayliss J, et al. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1861-5

Cardiovascular effects of a renin inhibitor in relation to posture in nonhuman primates. Pals DT, et al. **Clin Exp Hypertens [A]** 1985;7(1):105-21

Vasopressor responses to centrally-administered steroid hormones are mediated via a renin-angiotensin system in the rat brain. Takahashi H, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):2019-23

Inhibition of renin: recent developments. Hofbauer KG, et al. **Contrib Nephrol** 1984;43:144-52 (36 ref.)

Captopril--indications and clinical problems. Schaefer RM, et al. **Contrib Nephrol** 1984;43:182-203 (144 ref.)

The effects of piretanide on catecholamine metabolism, plasma renin activity and plasma aldosterone: a double-blind study versus furosemide in healthy volunteers. Verho M, et al. **Curr Med Res Opin** 1985;9(7):461-74

The effect of dopamine administration on the activity of the renin-angiotensin-aldosterone system in sick preterm infants. Sulyok E, et al. **Eur J Pediatr** 1985 Jan;143(3):191-3

Diuretic treatment and renin-aldosterone axis in liver cirrhosis [letter] Bernardi M, et al. **Gastroenterology** 1984 Dec;87(6):1405

Effects of prostaglandin synthesis inhibitors on the renin-angiotensin system and renal function. Izumi Y, et al. **Hypertension** 1985 Sep-Oct;7(5):791-6

Calcium channel blockade with nitrendipine. Effects on sodium homeostasis, the renin-angiotensin system, and the sympathetic nervous system in humans. Luft FC, et al. **Hypertension** 1985 May-Jun;7(3 Pt 1):438-42

Converting-enzyme inhibition for severe chronic heart failure: views from a skeptic. Packer M. **Int J Cardiol** 1985 Feb;7(2):111-20 (50 ref.)

Comparison of different drug interference with the renin-angiotensin system. Hofbauer KG, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 4:S62-8

When is it useful to inhibit the renin-angiotensin system for treating hypertension? Laragh JH. **J Cardiovasc Pharmacol** 1985;7 Suppl 4:S86-91 (27 ref.)

Why use angiotensin converting enzyme inhibitors to lower blood pressure? MacGregor GA, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 4:S92-7

Can inhibition of the renin-angiotensin system have a cardioprotective effect? Michel JB, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 2:S75-9 (39 ref.)

Inhibition of the renin-angiotensin system in the treatment of heart failure: why, when, and where. Nicholls MG. **J Cardiovasc Pharmacol** 1985;7 Suppl 4:S98-102 (31 ref.)

Acute inhibition of the renin-angiotensin system: interest and limits to detect surgically curable hypertension. Pagny JY, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 4:S82-5 (26 ref.)

Angiotensin receptor is a desirable locus for physiologically specific inhibition of the renin-angiotensin system. Soffer RL, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 4:S69-72

Effect of centrally acting antihypertensive drugs on the renin-angiotensin system and vasopressin. Waeber B, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 5:S799-802

Transitory increment in urinary free 19-nor-deoxycorticosterone after diuretic-induced renin stimulation. Griffing GT, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):931-5

Alcohol stimulation of renin release in man: its relation to the hemodynamic, electrolyte, and sympatho-adrenal responses to drinking. Puddey IB, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):37-42

Sodium restriction lowers high blood pressure through a decreased response of the renin system--direct evidence using saralasin. Cappuccio FP, et al. **J Hypertens** 1985 Jun;3(3):243-7

Effects of natural oestrogen therapy on blood pressure and renin-angiotensin system in normotensive and hypertensive menopausal women. Jespersen CM, et al. **J Hypertens** 1983 Dec;1(4):361-4

Determination of role of sympathetic and renin-angiotensin systems in Goldblatt hypertension with urapidil and captopril. Zimmerman BG. **J Hypertens** 1984 Oct;2(5):485-91

Urinary sodium excretion and the renin-aldosterone system in new-born calves. Safwate A. **J Physiol (Lond)** 1985 May;362:261-71

Captopril and phaeochromocytoma [letter] Israeli A, et al. **Lancet** 1985 Aug 3;2(8449):278-9

The effect of the converting enzyme inhibitor HOE 498 on the renin angiotensin system of normal volunteers. Bussien JP, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Mar;329(1):63-9

Effects of purified hog pancreatic kallikrein on the kinin-prostaglandin system and renin-angiotensin-aldosterone system. Honda M, et al. **Nephron** 1985;41(1):34-8

Renin-angiotensin-aldosterone system in cyclosporin A-treated renal allograft recipients [letter] Staneck B, et al. **Nephron** 1985;41(1):124

Acute and chronic effects of captopril on the renin-angiotensin and kallikrein-kinin systems affecting blood pressure and natriuresis. Kida O. **Nippon Jinzo Gakkai Shi** 1985 Mar;27(3):343-52

Effects of converting enzyme inhibitors on renin-angiotensin system in normal rats. Komori T, et al. **Osaka City Med J** 1984 Jun;30(1):17-30

Effects of a prostacyclin analog iloprost on kidney function, renin-angiotensin and kallikrein-kinin systems, prostanoids and catecholamines in man. Ylitalo P, et al. **Prostaglandins** 1985 Jun;29(6):1063-71

Lead exposure and changes in the renin-angiotensin-aldosterone system in man. Campbell BC, et al. **Toxicol Lett** 1985 Apr;25(1):25-32

The effects of lead on the renin-angiotensin system. Meredith PA, et al. **Xenobiotica** 1985 Jun;15(6):521-8

Interactions between muzolimine, PgE2 and the renin-angiotensin-aldosterone system. Calò L, et al. **Z Kardiol** 1985;74 Suppl 2:157-60

[Effect of isotheoline on the renin-angiotensin-aldosterone system] Markov M, et al. **Eksp Med Morfol** 1985;24(1):24- (Eng. Abstr.) **(Bul)**

[Acute effect of MK-421 (enalapril) on blood pressure, the renin-angiotensin system and the kallikrein-kinin system in hypertensive patients] Kondo K, et al. **Kokyu To Junkan** 1985 Jun;33(6):811-5 (Eng. Abstr.) **(Jpn)**

[Correlation of renin-angiotensin system and prostanoid system in renal circulation: dissociation of renal blood flow and glomerular filtration rate in acute alterations of renal blood pressure] Goto F. **Masui** 1984 Nov;33(11):1206-12 (Eng. Abstr.) **(Jpn)**

[Effects of captopril on renin-angiotensin-aldosterone system and kallikrein-kinin system in patients with essential hypertension] Kida O, et al. **Nippon Jinzo Gakkai Shi** 1984 Nov;26(11):1487-93 (Eng. Abstr.) **(Jpn)**

[Effect of enalapril maleate (MK-421) on blood pressure, renin-angiotensin system and kallikrein-kinin system in patients with essential hypertension] Shionoiri H, et al. **Nippon Jinzo Gakkai Shi** 1984 Jun;26(6):759-65 (Eng. Abstr.) **(Jpn)**

[Responses of plasma bradykinin and the renin-angiotensin axis to furosemide in essential hypertension] Takeda Y, et al. **Nippon Jinzo Gakkai Shi** 1985 Apr;27(4):525-31 (Eng. Abstr.) **(Jpn)**

[The effects of hog pancreatic kallikrein on the plasma kinins-prostaglandins and renin-angiotensin-aldosterone systems] Nagashima Y, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Sep 20;60(9):1031-40 (Eng. Abstr.) **(Jpn)**

[Reactions of the renin-aldosterone system to water load tests] Dlusskaia IG. **Fiziol Cheloveka** 1984 May-Jun;10(3):435-9 **(Rus)**

[Beta-adrenergic blockers and renin-angiotensin-aldosterone system in healthy individuals and patients with arterial hypertension] Miranda B, et al. **Med Clin (Barc)** 1984 Nov 3;83(14):572-4 (Eng. Abstr.) **(Spa)**

RADIATION EFFECTS

[Hemodynamic and humoral mechanisms of the therapeutic effect of the 'travelling' impulse magnetic field in hypertension] Orlov LL, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan-Feb;(1):23-7 (Eng. Abstr.) **(Rus)**

RENNIN

Purification and characterization of a chymosinlike protease from the gastric mucosa of harp seal (Pagophilus groenlandicus). Shamsuzzaman K, et al. **Can J Biochem Cell Biol** 1984 Aug;62(8):699-708

[X-ray study of chymosin. I. Molecular replacement at a 3 angstroms resolution] Safro MG, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):400-5 (Eng. Abstr.) **(Rus)**

ANALYSIS

Enzyme assays for the identification of gastric fluid. Lee HC, et al. **J Forensic Sci** 1985 Jan;30(1):97-102

GENETICS

Molecular cloning and identification of cDNA recombinants coding for bovine prochymosin in E. coli. Liebscher DH, et al. **Folia Biol (Praha)** 1985;31(2):81-92

Isolation, partial characterization and translation of mRNAs for chymosin and pepsin, the two main aspartyl proteinases of bovine stomach. Lipoldová M, et al. **Folia Biol (Praha)** 1985;31(2):71-80

Expression of cloned calf prochymosin cDNA under control of the tryptophan promoter. Nishimori K, et al. **Gene** 1984 Jul-Aug;29(1-2):41-9

Efficient expression of cloned complementary DNAs for secretory proteins after injection into Xenopus oocytes. Krieg P, et al. **J Mol Biol** 1984 Dec 15;180(3):615-43

ISOLATION & PURIFICATION

Fractionation of the multiple forms of bovine gastric aspartic proteases by chromatofocusing. Martin P, et al. **Anal Biochem** 1984 Dec;143(2):256-64

Affinity chromatography of kid chymosin on histidyl-Sepharose. Amourache L, et al. **J Chromatogr** 1984 Oct 26;303(1):285-90

METABOLISM

Kinetics of action of chymosin (rennin) on some peptide bonds of bovine beta-casein. Carles C, et al. **Biochemistry** 1984 Dec 18;23(26):6839-43

Examination of calf prochymosin accumulation in Escherichia coli: disulphide linkages are a structural component of prochymosin-containing inclusion bodies. Schoemaker JM, et al. **EMBO J** 1985 Mar;4(3):775-80

Kinetics of the action of chymosin (rennin) on a peptide bond of bovine alpha s1-casein. Comparison of the behaviour of this substrate with that of beta- and kappa o-caseins. Carles C, et al. **FEBS Lett** 1985 Jun 17;185(2):282-6

RENOGRAPHY see **RADIOISOTOPE RENOGRAPHY**

REOPERATION see under **SURGERY, OPERATIVE**

REOVIRIDAE

In vitro and in vivo detection of infectious pancreatic necrosis virus in fish by enzyme-linked immunosorbent assay. Hattori M, et al. **Am J Vet Res** 1984 Sep;45(9):1876-9

The biochemistry of orbiviruses. Brief review. Spence RP, et al. **Arch Virol** 1984;82(1-2):1-18 (79 ref.)

Sequence of reovirus haemagglutinin predicts a coiled-coil structure. Bassel-Duby R, et al. **Nature** 1985 May 30-Jun 5;315(6018):421-3

Isolation and biochemical characterization of the mammalian reovirus type 3 cell-surface receptor. Co MS, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1494-8

Bluetongue and related orbiviruses. Proceedings of an international symposium. Monterey, California, January 16-20, 1984. **Prog Clin Biol Res** 1985;178:1-746

Welcome and objectives. Hawkins BW. **Prog Clin Biol Res** 1985;178:1-3

Oral infection of Culicoides (Diptera, Ceratopogonidae) with viral agents, using fine glass needles. Mellor P, et al. **Prog Clin Biol Res** 1985;178:235-7

Epidemiology of orbiviruses. Metcalf HE. **Prog Clin Biol Res** 1985;178:515-8

WHO/FAO Working Team Report: epizootiology. Sellers RF, et al. **Prog Clin Biol Res** 1985;178:699-704

ANALYSIS

The proteins expressed in vivo and in vitro by an orbivirus of the Kemerovo serogroup isolated from Ixodes uriae ticks from St. Abb's Head, Scotland. Eley SM, et al. **Arch Virol** 1985;85(1-2):47-56

Detection of genomic differences between the avian reovirus isolate S1133 and its high-passage derivative P100. Huang DD, et al. **Avian Dis** 1984 Jul-Sep;28(3):799-803

Nucleic acid and structural proteins of infectious bursal disease virus isolates belonging to serotypes I and II. Jackwood DJ, et al. **Avian Dis** 1984 Oct-Dec;28(4):990-1006

Biochemical characterisation of Australian orbiviruses. Della-Porta AJ, et al. **Prog Clin Biol Res** 1985;178:337-45

CLASSIFICATION

Serological survey of infectious bursal disease virus serotypes 1 and 2 in California turkeys. Chin RP, et al. **Avian Dis** 1984 Oct-Dec;28(4):1026-36

Serologic evidence of infectious bursal disease virus serotype II infection in Minnesota turkeys. Sivanandan V, et al. **Avian Dis** 1984 Jul-Sep;28(3):765-9

Two electropherotypes of bluetongue virus serotype 2 from naturally infected calves. Collisson EW, et al. **J Gen Virol** 1985 Jun;66 (Pt 6):1279-86

Bluetongue virus and epizootic haemorrhagic disease of deer virus serotypes in northern Colombian cattle. Homan EJ, et al. **J Hyg (Lond)** 1985 Aug;95(1):165-72

Classification of orbiviruses: a need for supergroups of genera. Della-Porta AJ. **Prog Clin Biol Res** 1985;178:2o7-74

Speciation in orbiviruses. Gorman BM. **Prog Clin Biol Res** 1985;178:275-8

Overview of the orbiviruses. Knudson DL, et al. **Prog Clin Biol Res** 1985;178:255-66

DRUG EFFECTS

The effectiveness of six disinfectants in inactivation of reovirus 3. Drulak MW, et al. **Microbios** 1984;41(163):31-8

ENZYMOLOGY

Comparison of the virus-associated polymerases of cytoplasmic polyhedrosis virus types 1 and 2. Mertens PP, et al. **Intervirology** 1984;22(2):104-9

GENETICS

In vitro and in vivo studies with an avian reovirus derived from a temperature-sensitive mutant clone. Haffer K. **Avian Dis** 1984 Jul-Sep;28(3):669-76

ATP-dependent unwinding of messenger RNA structure by eukaryotic initiation factors. Ray BK, et al. **J Biol Chem** 1985 Jun 25;260(12):7651-8

Mechanism of interferon action. Increased phosphorylation of protein synthesis initiation factor eIF-2 alpha in interferon-treated, reovirus-infected mouse L929 fibroblasts in vitro and in vivo. Samuel CE, et al. **J Biol Chem** 1984 Nov 10;259(21):13451-7

The coexistence of multiple bluetongue virus electropherotypes in individual cattle during natural infection. Oberst RD, et al. **J Gen Virol** 1985 Sep;66 (Pt 9):1901-9

A genetic probe for identifying bluetongue virus infections in vivo and in vitro. Roy P, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1613-9

The S1 gene from reovirus type 1 is required for immunosuppression. Garzelli C, et al. **J Infect Dis** 1985 Sep;152(3):640-3

Inhibition of binding to initiation complexes of nascent reovirus mRNA by double-stranded RNA-dependent protein kinase. De Benedetti A, et al. **J Virol** 1985 May;54(2):408-13

Reovirus type 3 genome segment S4: nucleotide sequence of the gene encoding a major virion surface protein. Giantini M, et al. **J Virol** 1984 Dec;52(3):984-7

Complete sequence of bluetongue virus L2 RNA that codes for the antigen recognized by neutralizing antibodies. Purdy MA, et al. **J Virol** 1985 Sep;55(3):826-30

Identification of a new polypeptide coded by reovirus gene S1. Sarkar G, et al. **J Virol** 1985 Jun;54(3):720-5

Assessment of sequence relatedness of double-stranded RNA genes by RNA-RNA blot hybridization. Bodkin DK, et al. **J Virol Methods** 1985 Jan;10(1):45-52

Detecting bluetongue virus RNA in cell culture by dot hybridization with a cloned genetic probe. Squire KR, et al. **J Virol Methods** 1985 Jan;10(1):59-68

Molecular cloning and sequencing of the reovirus (serotype 3) S1 gene which encodes the viral cell attachment protein sigma 1. Nagata L, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8699-710

Sequences of the S1 genes of the three serotypes of reovirus. Cashdollar LW, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):24-8

Reovirus hemagglutinin mRNA codes for two polypeptides in overlapping reading frames. Ernst H, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):48-52

Epidemiologic implications of the genetic variations of bluetongue virus. Barber TL, et al. **Prog Clin Biol Res** 1985;178:597-606

WHO/FAO Working Team Report: molecular virology. Gorman BM, et al. **Prog Clin Biol Res** 1985;178:689-95

Molecular structure of bluetongue and related orbiviruses. Gorman BM. **Prog Clin Biol Res** 1985;178:329-36

Analysis of the terminal sequences of the genome segments of four orbiviruses. Mertens PP, et al. **Prog Clin Biol Res** 1985;178:371-87

Genome RNAS of virulent and attenuated strains of bluetongue virus serotypes 10, 11, 13 and 17. Ramig RF, et al. **Prog Clin Biol Res** 1985;178:389-96

Cloning and nucleotide sequencing of bluetongue virus genomes. Roy P, et al. **Prog Clin Biol Res** 1985;178:363-70

Molecular epidemiology of two US orbiviruses: bluetongue virus and epizootic hemorrhagic disease virus. Roy P, et al. **Prog Clin Biol Res** 1985;178:589-95

Molecular cloning and hybridization studies on bluetongue virus serotype 17. Squire KR, et al. **Prog Clin Biol Res** 1985;178:355-61

Analysis of the terminal sequences of the genome segments of four orbiviruses. Mertens PP, et al. **Virology** 1985 Jan 15;140(1):55-67

Protein coding assignment of the S genes of the avian reovirus S1133. Schnitzer TJ. **Virology** 1985 Feb;141(1):167-70

GROWTH & DEVELOPMENT

Cleavage of nascent reovirus mRNA by localized activation of the 2'-5'-oligoadenylate-dependent endoribonuclease. Baglioni C, et al. **J Virol** 1984 Dec;52(3):865-71

Bluetongue virus type 17 can exist in a latent state in MDBK cells. Hallum JV, et al. **J Virol** 1984 Oct;52(1):288-9

Vaccination against Marek's disease and infectious bursal disease III. Growth rate of both turkey herpesvirus and infectious bursal disease virus in coinfected cell cultures. Chang JD, et al. **Poult Sci** 1985 May;64(5):841-3

The virogenesis of bluetongue virus in Culicoides variipennis. Chandler LJ, et al. **Prog Clin Biol Res** 1985;178:245-53

Isolation and propagation of bluetongue virus in embryonating chicken eggs. Goldsmit L, et al. **Prog Clin Biol Res** 1985;178:307-18

Growth characteristics of virulent and attenuated strains of bluetongue virus serotypes 10, 11, 13 and 17. Samal SK, et al. **Prog Clin Biol Res** 1985;178:407-12

Clinical and serological outcome following the simultaneous inoculation of three bluetongue virus types into sheep. Jeggo MH, et al. **Res Vet Sci** 1984 Nov;37(3):368-70

IMMUNOLOGY

Immunologic response of sheep to inactivated and virulent bluetongue virus. Stott JL, et al. **Am J Vet Res** 1985 May;46(5):1043-9

Effect of infectious bursal disease virus on protection against Marek's disease by turkey herpesvirus vaccine. Sharma JM. **Avian Dis** 1984 Jul-Sep;28(3):629-40

Comparison of virus neutralizing and precipitating antibodies to infectious bursal disease virus and their effect on susceptibility to challenge. Chettle NJ, et al. **Br Vet J** 1985 Mar-Apr;141(2):146-50

The effect of antigen variation on the quantitative agar gel precipitin test for antibodies to infectious bursal disease virus. Wood GW, et al. **J Biol Stand** 1984 Jul;12(3):311-4

Diagnosis of Colorado tick fever virus infection by enzyme immunoassays for immunoglobulin M and G antibodies. Calisher CH, et al. **J Clin Microbiol** 1985 Jul;22(1):84-8

Syngeneic monoclonal antiidiotype can induce cellular immunity to reovirus. Sharpe AH, et al. **J Exp Med** 1984 Oct 1;160(4):1195-205

Characterization by Western blotting of the immunogens of infectious bursal disease virus. Fahey KJ, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1479-88

A preliminary survey of the epidemiology of bluetongue in Costa Rica and northern Colombia. Homan EJ, et al. **J Hyg (Lond)** 1985 Jun;94(3):357-63

Use of monoclonal antibody in a blocking ELISA to detect group specific antibodies to bluetongue virus. Anderson J. **J Immunol Methods** 1984 Nov 16;74(1):139-49

Role of reovirus type 3 in persistent infantile cholestasis. Glaser JH, et al. **J Pediatr** 1984 Dec;105(6):912-5

Reaction patterns of five strains of infectious pancreatic necrosis virus in enzyme-linked immunosorbent assay. Hattori M, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):823-30

Simultaneous application of live turkey herpesvirus and infectious bursal disease vaccines against Marek's disease and infectious bursal disease. Chang JD, et al. **Poult Sci** 1985 Jan;64(1):78-83

Vaccination against Marek's disease and infectious bursal disease. II. Titration and in vivo efficacy of the coinfection-derived bivalent live vaccine for turkey herpesvirus and infectious bursal disease virus. Chang JD, et al. **Poult Sci** 1984 Sep;63(9):1752-8

Monoclonal antibodies and bluetongue virus diagnosis. Anderson J. **Prog Clin Biol Res** 1985;178:497-504

Immune response of mice and sheep to bluetongue virus inactivated by gamma irradiation. Campbell CH, et al. **Prog Clin Biol Res** 1985;178:639-47

Problems in the interpretation of diagnostic tests due to cross-reactions between orbiviruses and broad serological responses in animals. Della-Porta AJ, et al. **Prog Clin Biol Res** 1985;178:445-53

Humoral and cellular immune response of sheep to bluetongue virus. Ghalib HW, et al. **Prog Clin Biol Res** 1985;178:489-96

Immune response against the purified serotype specific antigen of bluetongue virus and initial attempts to clone the gene that codes for the synthesis of this protein. Huismans H, et al. **Prog Clin Biol Res** 1985;178:347-53

Use of a quadrivalent modified-live bluetongue virus vaccine in wildlife species. McConnell S, et al. **Prog Clin Biol Res** 1985;178:631-8

Potency and efficacy of inactivated bluetongue virus vaccines. Stevens DR, et al. **Prog Clin Biol Res** 1985; 178:649-52

Vaccines for bluetongue and other orbiviruses from a regulatory viewpoint. Strating A. **Prog Clin Biol Res** 1985; 178:627-9

Immunochemical analyses of Australian bluetongue virus serotypes using monoclonal antibodies. White JR, et al. **Prog Clin Biol Res** 1985;178:397-405

Reovirus-induced tenosynovitis: persistence of homologous challenge virus in broiler chicks after vaccination of parents. Jones RC, et al. **Res Vet Sci** 1985 Jul;39(1):39-41

Serological response and virus shedding of chickens inoculated with reovirus via different routes. Mukiibi-Muka G, et al. **Res Vet Sci** 1984 Sep;37(2):227-9

Detection of antibodies against infectious bursal disease virus: a comparison of three serological methods. Nicholas RA, et al. **Res Vet Sci** 1985 Mar;38(2):189-92

Insulin, glucagon and somatostatin content of the non-obese diabetic (NOD) mouse pancreas and plasma virus antibodies to Coxsackie B- and reoviruses. Tasaka Y, et al. **Tohoku J Exp Med** 1985 Jun;146(2):153-62

Antibody to bluetongue virus in cattle in Ecuador. Lopez WA, et al. **Trop Anim Health Prod** 1985 May;17(2):82

Bluetongue vaccine: cells and/or antibodies. Jeggo MH, et al. **Vaccine** 1985 Mar;3(1):57-8

The use in practice of inactivated oil emulsion vaccine against infectious bursal disease in broiler breeders and its influence on the progeny: a comparative field trial. Voeten AC, et al. **Vet Q** 1985 Apr;7(2):91-100

Antibody responses and virus reisolation in turkeys experimentally infected with an infectious bursal disease isolate. Eddy RK, et al. **Vet Rec** 1985 Apr 6;116(14):368-9

Haemagglutination, of bluetongue virus (BTV), a simple preparation of high titre antigen. Yang C, et al. **Zentralbl Veterinarmed** [B] 1984 Aug;31(7):505-7

[Results of serological studies for the determination of antibodies against infectious pancreatic necrosis, viral hemorrhagic septicemia and spring viremia viruses in Schleswig-Holstein and their legal consequences] Hoppe K, et al. **DTW** 1985 May 7;92(5):172-4 (Eng. Abstr.) **(Ger)**

[Incidence of reovirus in some cities of the State of Rio Grande do Sul] de Mattos IG, et al. **Rev Inst Med Trop Sao Paulo** 1984 Sep-Oct;26(5):276-9 (Eng. Abstr.) **(Por)**

ISOLATION & PURIFICATION

Isolation of orbiviruses and uukuviruses from puffin ticks. Moss SR, et al. **Acta Virol (Praha)** 1985 Mar;29(2):158-61

The isolation of Kemerovo group orbiviruses and Uukuniemi group viruses of the family bunyaviridae from Ixodes uriae ticks from the Isle of May, Scotland. Spence RP, et al. **Acta Virol (Praha)** 1985 Mar;29(2):129-36

Ornithodoros coriaceus (pajaroello tick) as a vector of bluetongue virus. Stott JL, et al. **Am J Vet Res** 1985 May; 46(5):1197-9

Reovirus removal and inactivation by slow-rate sand filtration. McConnell LK, et al. **Appl Environ Microbiol** 1984 Oct;48(4):818-25

Isolation of Eyach virus (Reoviridae, Colorado tick fever group) from Ixodes ricinus and I. ventalloi ticks in France. Chastel C, et al. **Arch Virol** 1984;82(3-4):161-71

Prevalence of reoviruses in commercial chickens. Robertson MD, et al. **Aust Vet J** 1984 Oct;61(10):319-22

Necrotizing hepatitis associated with a reo-like virus infection in a parrot. Wilson RB, et al. **Avian Dis** 1985 Apr-Jun;29(2):568-71

The isolation of infectious bursal disease virus from turkeys in England. Chettle NJ, et al. **Br Vet J** 1985 Mar-Apr; 141(2):141-5

Specificity of virus adsorption to clay minerals. Lipson SM, et al. **Can J Microbiol** 1985 Jan;31(1):50-3

Detection of reovirus type 3 in the porta hepatis of an infant with extrahepatic biliary atresia: ultrastructural and immunocytochemical study. Morecki R, et al. **Hepatology** 1984 Nov-Dec;4(6):1137-42

Isolation of bluetongue and related viruses from Culicoides spp. in the Sudan. Mellor PS, et al. **J Hyg (Lond)** 1984 Dec;93(3):621-8

Comparison of mice and cell cultures for the isolation of tick-borne viruses. Nuttall PA, et al. **J Virol Methods** 1984 Aug;9(1):27-33

Infectious pancreatic necrosis virus: isolation from asymptomatic wild Arctic char (Salvelinus alpinus L.). Souter BW, et al. **J Wildl Dis** 1984 Oct;20(4):338-9

Salivary gland homogenates from the vector Culicoides variipennis may aid in detection of bluetongue virus in chronically infected cattle. Akey DH, et al. **Prog Clin Biol Res** 1985;178:135-45

Seminal shedding of bluetongue virus in experimentally infected bulls. Bowen RA, et al. **Prog Clin Biol Res** 1985; 178:91-6

Bluetongue virus isolation from pools of Culicoides spp in Israel during the years 1981 to 1983. Braverman Y, et al. **Prog Clin Biol Res** 1985;178:191-3

Isolation and identification of bluetongue virus: a serotype new to the U.S. Collisson EW, et al. **Prog Clin Biol Res** 1985;178:319-27

Orbiviruses from Culicoides in Florida. Greiner EC, et al. **Prog Clin Biol Res** 1985;178:195-200

Isolation of bluetongue virus from bull semen. Howard TH, et al. **Prog Clin Biol Res** 1985;178:127-34

Methodology in preserving field-collected flies for bluetongue virus assay. Jones RH. **Prog Clin Biol Res** 1985; 178:233-4

WHO/FAO Working Team Report: virology. Luedke AJ, et al. **Prog Clin Biol Res** 1985;178:665-88 (166 ref.)

Bluetongue, epizootic haemorrhagic disease of deer and related viruses: current situation in Australia. Parsonson IM, et al. **Prog Clin Biol Res** 1985;178:27-35

The search for bluetongue viruses in Australia. St. George TD. **Prog Clin Biol Res** 1985;178:295-305

Culicoides from Greece in relation to the spread of bluetongue virus. Mellor PS, et al. **Rev Elev Med Vet Pays Trop** 1984;37(3):286-9

METABOLISM

Effect of proteins on reovirus adsorption to clay minerals. Lipson SM, et al. **Appl Environ Microbiol** 1984 Sep; 48(3):525-30

Anti-idiotypic antibody identifies the cellular receptor of reovirus type 3. Gaulton G, et al. **J Cell Biochem** 1985; 28(1):69-78

Cell receptors for the mammalian reovirus. IV. Reovirus-specific cytolytic T cell lines that have idiotypic receptors recognize anti-idiotypic B cell hybridomas. Sharpe AH, et al. **J Immunol** 1985 Apr;134(4):2702-6

Structural similarities between the mammalian beta-adrenergic and reovirus type 3 receptors. Co MS, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5315-8

Studies on reovirus receptors of L cells: virus binding characteristics and comparison with reovirus receptors of erythrocytes. Armstrong GD, et al. **Virology** 1984 Oct 15; 138(1):37-48

PATHOGENICITY

The clinical susceptibility of sheep to four Australian serotypes of bluetongue virus. Uren MF, et al. **Aust Vet J** 1985 May;62(5):175-6

Effect of avian reoviruses on lymphoid organ weights and antibody response in chickens. Montgomery RD, et al. **Avian Dis** 1985 Apr-Jun;29(2):552-60

Effect of bluetongue virus on reproduction in sheep and cattle. Luedke AJ. **Prog Clin Biol Res** 1985;178:71-8

Orbivirus infection of the bovine fetus. MacLachlan NJ, et al. **Prog Clin Biol Res** 1985;178:79-84

Bluetongue virus-induced encephalopathy in fetal cattle. MacLachlan NJ, et al. **Vet Pathol** 1985 Jul;22(4):415-7

Experimental infection of horses and ponies by oral and intranasal routes with New York State reovirus type 3 and German reovirus types 1 and 3 equine isolates. Conner M, et al. **Zentralbl Veterinarmed** [B] 1984 Oct;31(9):707-17

PHYSIOLOGY

Infection of neuronal cell cultures with reovirus mimics in vitro patterns of neurotropism. Dichter MA, et al. **Ann Neurol** 1984 Nov;16(5):603-10

Adsorption of viruses to charge-modified silica. Zerda KS, et al. **Appl Environ Microbiol** 1985 Jan;49(1):91-5

Cellular integrity is required for inhibition of initiation of cellular DNA synthesis by reovirus type 3. Roner MR, et al. **J Virol** 1985 Feb;53(2):350-9

Reovirus serotype 1 intestinal infection: a novel replicative cycle with ileal disease. Rubin DH, et al. **J Virol** 1985 Feb; 53(2):391-8

Replication and polypeptide synthesis of Mill Door/79, an orbivirus isolated from ticks from a seabird colony in Scotland. Spence RP, et al. **J Virol** 1985 Feb;53(2):705-7

An overview of Colorado tick fever. Emmons RW. **Prog Clin Biol Res** 1985;178:47-52

Saturable attachment sites for type 3 mammalian reovirus on murine L cells and human HeLa cells. Gentsch JR, et al. **Virus Res** 1984;1(5):401-14

RADIATION EFFECTS

Gamma ray sensitivity of bluetongue, EHD and African horsesickness viruses and their precipitating and complement fixing antigens. Thomas FC, et al. **Prog Clin Biol Res** 1985;178:413-5

REOVIRUS INFECTIONS

Bluetongue and related orbiviruses. Proceedings of an international symposium. Monterey, California, January 16-20, 1984. **Prog Clin Biol Res** 1985;178:1-746

Acute hepatitis associated with Colorado tick fever. Loge RV. **West J Med** 1985 Jan;142(1):91-2

BLOOD

Virus-induced leukopenia: Colorado tick fever as a human model. Andersen RD, et al. **J Infect Dis** 1985 Mar; 151(3):449-53

DIAGNOSIS

Diagnosis of Colorado tick fever virus infection by enzyme immunoassays for immunoglobulin M and G antibodies. Calisher CH, et al. **J Clin Microbiol** 1985 Jul;22(1):84-8

Bluetongue and related orbivirus diagnosis in the United States. Pearson JE, et al. **Prog Clin Biol Res** 1985; 178:469-75

Is the AGID test group-specific for epizootic haemorrhagic disease virus? Taylor WP, et al. **Prog Clin Biol Res** 1985; 178:513-4

ECONOMICS

Economic impact of bluetongue and related orbiviruses: Western Hemisphere. Mulhern FJ. **Prog Clin Biol Res** 1985; 178:21-5

FAMILIAL & GENETIC

Inhibition of viral mRNA translation in interferon-treated L cells infected with reovirus. De Benedetti A, et al. **J Virol** 1985 Sep;55(3):588-93

IMMUNOLOGY

The S1 gene from reovirus type 1 is required for immunosuppression. Garzelli C, et al. **J Infect Dis** 1985 Sep;152(3):640-3

METABOLISM

Differential effects of viral infection on islet and pituitary cell lines. Maratos-Flier E, et al. **Endocrinology** 1985 Jun; 116(6):2430-7

MICROBIOLOGY

Infection of neuronal cell cultures with reovirus mimics in vitro patterns of neurotropism. Dichter MA, et al. **Ann Neurol** 1984 Nov;16(5):603-10

Serological survey of infectious bursal disease virus serotypes 1 and 2 in California turkeys. Chin RP, et al. **Avian Dis** 1984 Oct-Dec;28(4):1026-36

Circulating interferon and clinical symptoms in Colorado tick fever. Ater JL, et al. **J Infect Dis** 1985 May;151(5):966-8

Virus myocarditis: molecular hybridization allows the detection of virus-RNA in heart muscle after virus infection. Zähringer J, et al. **J Mol Cell Cardiol** 1985 Jan; 17(1):83-5

Reovirus serotype 1 intestinal infection: a novel replicative cycle with ileal disease. Rubin DH, et al. **J Virol** 1985 Feb; 53(2):391-8

Pathogenesis of viral infections. Basic concepts derived from the reovirus model. Sharpe AH, et al. **N Engl J Med** 1985 Feb 21;312(8):486-97 (125 ref.)

Laboratory infections of Culicoides debilipalpis and C. stellifer (Diptera: Ceratopogonidae) with bluetongue virus. Mullen GR, et al. **Prog Clin Biol Res** 1985;178:239-43

OCCURRENCE

Epidemiology of orbiviruses. Metcalf HE. **Prog Clin Biol Res** 1985;178:515-8

[Incidence of reovirus in some cities of the State of Rio Grande do Sul] de Mattos IG, et al. **Rev Inst Med Trop Sao Paulo** 1984 Sep-Oct;26(5):276-9 (Eng. Abstr.) **(Por)**

PHYSIOPATHOLOGY

Molecular basis of viral neurotropism: experimental reovirus infection. Tyler KL, et al. **Neurology** 1985 Jan;35(1):88-92

An overview of Colorado tick fever. Emmons RW. **Prog Clin Biol Res** 1985;178:47-52

VETERINARY

Pathological studies in chicken embryos and day-old chicks experimentally infected with avian reovirus. Glávits R, et al. **Acta Vet Hung** 1984;32(1-2):23-37

Age resistance in chickens against infectious bursal disease. Panisup AS, et al. **Acta Vet Scand** 1984;25(4):561-6

In vitro and in vivo detection of infectious pancreatic necrosis virus in fish by enzyme-linked immunosorbent assay. Hattori M, et al. **Am J Vet Res** 1984 Sep;45(9):1876-9

Prevalence of reoviruses in commercial chickens. Robertson MD, et al. **Aust Vet J** 1984 Oct;61(10):319-22

Enhanced incidence of leg abnormalities in reovirus WVU 2937-infected chickens fed various dietary levels of selected vitamins. Cook ME, et al. **Avian Dis** 1984 Jul-Sep; 28(3):548-61

Severity of tenosynovitis in reovirus-infected chickens fed various dietary levels of choline, folic acid, manganese, biotin, or niacin. Cook ME, et al. **Avian Dis** 1984 Jul-Sep; 28(3):562-73

Quantitation of intestinal D-xylose absorption in normal and reovirus-inoculated turkeys. Goodwin MA, et al. **Avian Dis** 1984 Oct-Dec;28(4):959-67

Effect of avian reoviruses on lymphoid organ weights and antibody response in chickens. Montgomery RD, et al. **Avian Dis** 1985 Apr-Jun;29(2):552-60

Concurrent infections with reoviruses and coccidia in broilers. Ruff MD, et al. **Avian Dis** 1985 Apr-Jun; 29(2):465-78

Effect of infectious bursal disease virus on protection against Marek's disease by turkey herpesvirus vaccine. Sharma JM. **Avian Dis** 1984 Jul-Sep;28(3):629-40

Serologic evidence of infectious bursal disease virus serotype II infection in Minnesota turkeys. Sivanandan V, et al. **Avian Dis** 1984 Jul-Sep;28(3):765-9

Exacerbative effect of vitamin A on malabsorption syndrome in chicks. Veltmann JR Jr, et al. **Avian Dis** 1985 Apr-Jun; 29(2):446-56

Necrotizing hepatitis associated with a reo-like virus infection in a parrot. Wilson RB, et al. **Avian Dis** 1985 Apr-Jun;29(2):568-71

Bluetongue virus and epizootic haemorrhagic disease of deer virus serotypes in northern Colombian cattle. Homan EJ, et al. **J Hyg (Lond)** 1985 Aug;95(1):165-72

Simultaneous application of live turkey herpesvirus and infectious bursal disease vaccines against Marek's disease and infectious bursal disease. Chang JD, et al. **Poult Sci** 1985 Jan;64(1):78-83

Vaccination against Marek's disease and infectious bursal disease. II. Titration and in vivo efficacy of the coinfection-derived bivalent live vaccine for turkey herpesvirus and infectious bursal disease virus. Chang JD, et al. **Poult Sci** 1984 Sep;63(9):1752-8

Epidemiology of two orbiviruses in California's native wild ruminants: preliminary report. Jessup DA. **Prog Clin Biol Res** 1985;178:53-65

Orbivirus infection of the bovine fetus. MacLachlan NJ, et al. **Prog Clin Biol Res** 1985;178:79-84

Potential vectors of bluetongue and epizootic hemorrhagic disease viruses of cattle and white-tailed deer in Alabama. Mullen GR, et al. **Prog Clin Biol Res** 1985;178:201-6

Bluetongue and related orbiviruses: overview of the world situation. Ozawa Y. **Prog Clin Biol Res** 1985;178:13-20

Bluetongue, epizootic haemorrhagic disease of deer and related viruses: current situation in Australia. Parsonson IM, et al. **Prog Clin Biol Res** 1985;178:27-35

Reovirus-induced tenosynovitis: persistence of homologous challenge virus in broiler chicks after vaccination of parents. Jones RC, et al. **Res Vet Sci** 1985 Jul;39(1):39-41

Influence of a 12.5 per cent rapeseed diet and an avian reovirus on the production of leg abnormalities in male broiler chickens. Timms LM. **Res Vet Sci** 1985 Jan; 38(1):69-76

Influence of feed on the course of tenosynovitis caused by REO virus infection in broilers. Kouwenhoven B, et al. **Vet Q** 1984 Jul;6(3):107-14

The use in practice of inactivated oil emulsion vaccine against infectious bursal disease in broiler breeders and its influence on the progeny: a comparative field trial. Voeten AC, et al. **Vet Q** 1985 Apr;7(2):91-100

Antibody responses and virus reisolation in turkeys experimentally infected with an infectious bursal disease isolate. Eddy RK, et al. **Vet Rec** 1985 Apr 6;116(14):368-9

Morphological changes in blood lymphocytes of chickens infected with infectious bursal disease virus. Kluciński W, et al. **Zentralbl Veterinarmed [B]** 1984 Aug;31(7):518-25

[Asymptomatic course of infectious bursitis in chickens] Savova M, et al. **Vet Med Nauki** 1984;21(10):95-101 (Eng. Abstr.) **(Bul)**

REOVIRUS TYPE 3 see under **REOVIRIDAE**

REPETITIVE SEQUENCES, NUCLEIC ACID

Chromosomal localization of several families of repetitive sequences by in situ hybridization. Devine EA, et al. **Am J Hum Genet** 1985 Jan;37(1):114-23

A molecular basis for discrete size variation in human ribosomal DNA. Erickson JM, et al. **Am J Hum Genet** 1985 Mar;37(2):311-25

Chromosome-specific organization of human alpha satellite DNA. Willard HF. **Am J Hum Genet** 1985 May; 37(3):524-32

Molecular organization in the proximal region of human acrocentric chromosomes. Graham GJ, et al. **Ann NY Acad Sci** 1985;450:55-67

Repeated DNA sequences recombine 1,000 times more frequently in a plasmid than in the chromosome of Bacillus subtilis. Jannière L, et al. **Basic Life Sci** 1985;30:93-103

Identification of the short dispersed repetitive DNA sequences isolated from the zones of initiation of DNA synthesis in human cells as Alu-elements. Anachkova B, et al. **Biochem Biophys Res Commun** 1985 Apr 16; 128(1):101-6

Expression of long terminal repeat (LTR) sequences in carcinogen-induced murine skin carcinomas. Housey GM, et al. **Biochem Biophys Res Commun** 1985 Feb 28; 127(1):391-8

Truncated repeated sequences generated by recombination in a specific region. Eden FC. **Biochemistry** 1985 Jan 1; 24(1):229-33

Isolation of a protein fraction that binds preferentially to chicken middle repetitive DNA. Sanzo M, et al. **Biochemistry** 1984 Dec 18;23(26):6491-8

Cloning of a repeat sequence from human DNA which contains a BamHI site. Ceccherini-Nelli L, et al. **Biochim Biophys Acta** 1985 May 24;825(1):89-91

Biosynthesis and cytoplasmic distribution of small poly(A)-containing B2 RNA. Kramerov DA, et al. **Biochim Biophys Acta** 1985 Feb 20;824(2):85-98

Replication pattern of human repeated DNA sequences. Meneveri R, et al. **Biochim Biophys Acta** 1984 Oct 5; 783(1):53-9

Long interspersed sequences in mammalian DNA. Properties of newly identified specimens. Rogers JH. **Biochim Biophys Acta** 1985 Feb 20;824(2):113-20

A repetitive DNA sequence that confers cell-cycle START (CDC28)-dependent transcription of the HO gene in yeast. Nasmyth K. **Cell** 1985 Aug;42(1):225-35

Elimination of germ-line tandemly repeated sequences from the somatic genome of the ciliate Oxytricha fallax. Dawson D, et al. **Chromosoma** 1984;90(4):289-94

Homologous recombination between repeated chromosomal sequences in mouse cells. Liskay RM, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:183-9

Defining the beginning and end of KpnI family segments. Grimaldi G, et al. **EMBO J** 1984 Aug;3(8):1753-9

Modulation of enhancer activity by the hormone responsive regulatory element from mouse mammary tumor virus. Ostrowski MC, et al. **EMBO J** 1984 Aug;3(8):1891-9

Long tandem arrays of complex repeat units in Chironomus telomeres. Saiga H, et al. **EMBO J** 1985 Mar;4(3):799-804

Unusual frequencies of certain alternating purine-pyrimidine runs in natural DNA sequences: relation to Z-DNA. Trifonov EN, et al. **FEBS Lett** 1985 Jun 3;185(1):197-202

An Escherichia coli recBCsbcBrecF host permits the deletion-resistant propagation of plasmid clones containing the 5'-terminal palindrome of minute virus of mice. Boissy R, et al. **Gene** 1985;35(1-2):179-85

A novel deletion found during cloning of a synthetic palindromic DNA. Goodchild J, et al. **Gene** 1985; 33(3):367-71

Specificity of Tn5 insertions into a 36-bp DNA sequence repeated in tandem seven times. Lupski JR, et al. **Gene** 1984 Oct;30(1-3):99-106

Cloning of the newt Pleurodeles waltlii chromosomal DNA. Muller JP, et al. **Gene** 1985;35(1-2):209-15

Tandem repeated DNA in an intergenic region of herpes simplex virus type 1 (Patton). Umene K, et al. **Gene** 1984 Oct;30(1-3):33-9

The promoter of the long terminal repeat of feline leukemia virus is effective for expression of a mouse H-2 histocompatibility gene in mouse and human cells. Wong TC, et al. **Gene** 1985;34(1):27-38

The coding region of the human c-mos pseudogene contains Alu repeat insertions. Zabarovsky ER, et al. **Gene** 1984 Oct;30(1-3):107-11

Meiotic recombination between duplicated genetic elements in Saccharomyces cerevisiae. Jackson JA, et al. **Genetics** 1985 Feb;109(2):303-32

A model of duplicative transposition and gene conversion for repetitive DNA families. Ohta T. **Genetics** 1985 Jul; 110(3):513-24

The organization of two related subfamilies of a human tandemly repeated DNA is chromosome specific. Jeanpierre M, et al. **Hum Genet** 1985;70(4):302-10

Identification of a case of Y:18 translocation using a Y-specific repetitive DNA probe. Lau YF, et al. **Hum Genet** 1985;69(2):102-5

Dispersed repetitive DNA sequence of Mucor racemosus. Dewar R, et al. **J Bacteriol** 1985 Apr;162(1):438-40

Repeated sequences similar to insertion elements clustered around the nif region of the Rhizobium japonicum genome. Kaluza K, et al. **J Bacteriol** 1985 May;162(2):535-42

Copy mutant of mini-Rts1: lowered binding affinity of mutated RepA protein to direct repeats. Terawaki Y, et al. **J Bacteriol** 1985 Apr;162(1):72-7

The association of the interspersed repetitive KpnI sequences with the nuclear matrix. Chimera JA, et al. **J Biol Chem** 1985 Aug 5;260(16):9373-9

Fine structural analysis of the human pro-alpha 1 (I) collagen gene. Promoter structure, AluI repeats, and polymorphic transcripts. Chu ML, et al. **J Biol Chem** 1985 Feb 25; 260(4):2315-20

Cryptic satellites rich in inverted repeats comprise 30% of the genome of a hermit crab. Fowler RF, et al. **J Biol Chem** 1985 Jan 25;260(2):1296-303

Regions of the terminal repetitions of the herpes simplex virus type 1 genome. Relationship to immunoglobulin switch-like DNA sequences. Gomez-Marquez J, et al. **J Biol Chem** 1985 Mar 25;260(6):3490-5

A new moderately repetitive rat DNA sequence detected by a cloned 4.5 SI DNA. Saba JA, et al. **J Biol Chem** 1985 Feb 10;260(3):1354-7

DNA sequences and chromosome structure. Southern EM. **J Cell Sci [Suppl]** 1984;1:31-41 (40 ref.)

End-to-end transcription of an Alu family repeat. A new type of polymerase-III-dependent terminator and its evolutionary implication. Hess J, et al. **J Mol Biol** 1985 Jul 5;184(1):7-21

Co-ordinate control of gene expression. Muscle-specific 7 S RNA contains sequences homologous to 3'-untranslated regions of myosin genes and repetitive DNA. Khandekar P, et al. **J Mol Biol** 1984 Dec 15;180(3):417-35

A polymorphic repetitive-sequence PR1 family. Evidence for meiotic instability. Kominami R, et al. **J Mol Biol** 1985 Jun 5;183(3):301-9

Long poly(A) tracts in the human genome are associated with the Alu family of repeated elements. Lustig AJ, et al. **J Mol Biol** 1984 Dec 15;180(3):753-9

Extrachromosomal DNA forms of copia-like transposable elements, F elements and middle repetitive DNA sequences in Drosophila melanogaster. Variation in cultured cells and embryos. Mossie KG, et al. **J Mol Biol** 1985 Mar 5; 182(1):31-43

Bovine beta-crystallin complementary DNA clones. Alternating proline/alanine sequence of beta B1 subunit originates from a repetitive DNA sequence. Quax-Jeuken Y, et al. **J Mol Biol** 1984 Dec 15;180(3):457-72

The KpnI family of long interspersed nucleotide sequences is present on discrete sizes of circular DNA in monkey (BSC-1) cells. Schindler CW, et al. **J Mol Biol** 1985 Jan 20;181(2):161-73

Clustered and interspersed repetitive DNA sequence family of Chironomus. The nucleotide sequence of the Cla-elements and of various flanking sequences. Schmidt ER. **J Mol Biol** 1984 Sep 5;178(1):1-15

Dispersal process associated with the L1 family of interspersed repetitive DNA sequences. Voliva CF, et al. **J Mol Biol** 1984 Oct 5;178(4):795-813

Insertion of a short repetitive sequence (D88I) in a sea urchin gene: a typical interspersed repeat? Johnson SA, et al. **J Mol Evol** 1984;20(3-4):195-201

Complementary relationship between repetitive sequences in the SV40 early gene pre-promoter enhancing region and big-T antigen splice junction exons. Burnett L, et al. **J Theor Biol** 1984 Oct 21;110(4):533-40

Fine mapping and sequencing of a variable segment in the inverted repeat region of varicella-zoster virus DNA. Casey TA, et al. **J Virol** 1985 May;54(2):639-42

Transcriptional activity of avian retroviral long terminal repeats directly correlates with enhancer activity. Cullen BR, et al. **J Virol** 1985 Feb;53(2):515-21

Herpes simplex virus 1 reiterated S component sequences (c1) situated between the a sequence and alpha 4 gene are not essential for virus replication. Hubenthal-Voss J, et al. **J Virol** 1985 May;54(2):509-14

Primer binding sites corresponding to several tRNA species are present in DNAs of different members of the same retrovirus-like gene family (VL30). Itin A, et al. **J Virol** 1985 Apr;53(4):236-9

Proviral genome of radiation leukemia virus: molecular cloning of biologically active proviral DNA and nucleotide sequence of its long terminal repeat. Janowski M, et al. **J Virol** 1985 Jul;55(1):251-5

Reverse transcription of retroviral genomes: mutations in the terminal repeat sequences. Lobel LI, et al. **J Virol** 1985 Feb;53(2):447-55

Envelope gene and long terminal repeat determine the different biological properties of Rauscher, Friend, and Moloney mink cell focus-inducing viruses. Vogt M, et al. **J Virol** 1985 Jul;55(1):184-92

Variations in the organization of repetitive DNA sequences in the genomes of Plasmodium falciparum clones. Bhasin VK, et al. **Mol Biochem Parasitol** 1985 May;15(2):149-58

Transcription of repetitive DNA in condensed plant chromatin. Nagl W, et al. **Mol Biol Rep** 1985 Apr; 10(3):143-6

Repetitive DNA sequences within and around the rat prolactin gene. Weber JL, et al. **Mol Cell Biochem** 1985 Jan;65(2):171-9

Transcription of Dictyostelium discoideum transposable element DIRS-1. Cohen SM, et al. **Mol Cell Biol** 1984 Nov;4(11):2332-40

Transcription of the mouse dihydrofolate reductase gene proceeds unabated through seven polyadenylation sites and terminates near a region of repeated DNA. Frayne EG, et al. **Mol Cell Biol** 1984 Dec;4(12):2921-4

Repeat arrays in cellular DNA related to the Epstein-Barr virus IR3 repeat. Heller M, et al. **Mol Cell Biol** 1985 Mar; 5(3):457-65

Short direct repeats mediate spontaneous high-frequency deletions in DNA of minute virus of mice. Hogan A, et al. **Mol Cell Biol** 1984 Oct;4(10):2239-42

The long terminal repeat of an endogenous intracisternal A-particle gene functions as a promoter when introduced into eucaryotic cells by transfection. Lueders KK, et al. **Mol Cell Biol** 1984 Oct;4(10):2128-35

The two embryonic U1 small nuclear RNAs of Xenopus laevis are encoded by a major family of tandemly repeated genes. Lund E, et al. **Mol Cell Biol** 1984 Dec;4(12):2580-6

Mapping of DNase I-hypersensitive sites in the 5' and 3' long terminal repeats of integrated moloney murine leukemia virus proviral DNA. Thompson T, et al. **Mol Cell Biol** 1985 Apr;5(4):601-9

On the origin of the Alu family of repeated sequences [news] Brown AL. **Nature** 1984 Nov 8-14;312(5990):106

Repetitive sequences in structural genes [letter] Erickson RP. **Nature** 1984 Sep 20-26;311(5983):217

Hypervariable 'minisatellite' regions in human DNA. Jeffreys AJ, et al. **Nature** 1985 Mar 7-13;314(6006):67-73

Autonomously replicating sequences from the non transcribed spacers of Tetrahymena thermophila ribosomal

DNA. Amin AA, et al. **Nucleic Acids Res** 1985 Apr 11; 13(7):2647-59

Distinct characteristics of loop sequences of two Drosophila foldback transposable elements. Brierley HL, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):485-500

Structure of the sea urchin U1 RNA repeat. Brown DT, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):537-56

Long internal inverted repeat in a yeast viral double-stranded RNA. Bruenn J, et al. **Nucleic Acids Res** 1985 Mar 11; 13(5):1575-91

Conserved arrangements of repeated DNA sequences in nontranscribed spacers of ciliate ribosomal RNA genes: evidence for molecular coevolution. Challoner PB, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2661-80

Nucleotide sequences of murine intracisternal A-particle gene LTRs have extensive variability within the R region. Christy RJ, et al. **Nucleic Acids Res** 1985 Jan 11; 13(1):289-302

Recent amplification of an alpha satellite DNA in humans. Gray KM, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):521-35

Organization of Plasmodium falciparum genome: 1. Evidence for a highly repeated DNA sequence. Guntaka RV, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):1965-75

Variability within the rabbit C repeats and sequences shared with other SINES. Hardison RC, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1073-88

Attachment of repeated sequences to the nuclear cage. Jackson DA, et al. **Nucleic Acids Res** 1984 Sep 11; 12(17):6709-26

Transcriptional measurements of mouse repeated DNA sequences. Jackson M, et al. **Nucleic Acids Res** 1985 May 10;13(9):3389-403

Functional RNA polymerase II promoters in solitary retroviral long terminal repeats (LTR-IS elements). Köhrer K, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2631-45

Unique sequences are interspersed among tandemly repeated elements in the murine gamma 1 switch segment. Mowatt M, et al. **Nucleic Acids Res** 1985 Jan 11;13(1):225-37

The divergent region of the Leishmania tarentolae kinetoplast maxicircle DNA contains a diverse set of repetitive sequences. Muhich ML, et al. **Nucleic Acids Res** 1985 May 10;13(9):3241-60

Interspersed repetitive and tandemly repetitive sequences are differentially represented in extrachromosomal covalently closed circular DNA of human diploid fibroblasts. Riabowol K, et al. **Nucleic Acids Res** 1985 Aug 12; 13(15):5563-84

Association of a truncated cytochrome c processed pseudogene with a similarly truncated member from a long interspersed repeat family of rat. Scarpulla RC. **Nucleic Acids Res** 1985 Feb 11;13(3):763-75

Conservation of nif- and species-specific domains within repeated promoter sequences from fast-growing Rhizobium species. Schofield PR, et al. **Nucleic Acids Res** 1985 May 24;13(10):3407-18

Removal of repeated sequences from hybridisation probes. Sealey PG, et al. **Nucleic Acids Res** 1985 Mar 25; 13(6):1905-22

Localization and characterization of members of a family of repetitive sequences in the goat beta globin locus. Spence SE, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):2171-86

The C. elegans vitellogenin genes: short sequence repeats in the promoter regions and homology to the vertebrate genes. Spieth J, et al. **Nucleic Acids Res** 1985 Jul 25; 13(14):5283-95

Structure of a processed gene of mouse cytoplasmic gamma-actin transposed into a BAM5 sequence: insertion has created 13 base-pair direct repeats. Tokunaga K, et al. **Nucleic Acids Res** 1985 May 10;13(9):3031-42

Comparison of genomic fragment and clone sequences within a long interspersed repeated sequence of the mouse genome. Vizard DL, et al. **Nucleic Acids Res** 1985 Jan 25; 13(2):473-84

Chromosome-specific alpha satellite DNA: nucleotide sequence analysis of the 2.0 kilobasepair repeat from the human X chromosome. Waye JS, et al. **Nucleic Acids Res** 1985 Apr 25;13(8):2731-43

Spatial distribution of transcripts of the long repeated ETn sequence during early mouse embryogenesis. Brûlet P, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2054-8

Insertion of long interspersed repeated elements at the Igh (immunoglobulin heavy chain) and Mlvi-2 (Moloney leukemia virus integration 2) loci of rats. Economou-Pachnis A, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2857-61

Functional activation of the long terminal repeat of human T-cell leukemia virus type I by a trans-acting factor. Fujisawa J, et al. **Proc Natl Acad Sci USA** 1985 Apr; 82(8):2277-81

Nonrandom binding of the carcinogen N-hydroxy-2-acetylaminofluorene to repetitive sequences of rat liver DNA in vivo. Gupta RC. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6943-7

Chromosomal mapping of a middle-repetitive DNA sequence in a cluster of five species of Hawaiian Drosophila. Hunt JA, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7146-50

High-frequency meiotic gene conversion between repeated genes on nonhomologous chromosomes in yeast. Jinks-Robertson S, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3350-4

L1 sequences in HeLa extrachromosomal circular DNA: evidence for circularization by homologous recombination. Jones RS, et al. **Proc Natl Acad Sci USA** 1985 Apr; 82(7):1989-93

Hormonal response region in the mouse mammary tumor virus long terminal repeat can be dissociated from the proviral promoter and has enhancer properties. Ponta H, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1020-4

Evidence that a major class of mouse endogenous long terminal repeats (LTRs) resulted from recombination between exogenous retroviral LTRs and similar LTR-like elements (LTR-IS). Schmidt M, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6696-700

Expression of a cytoplasmic LINE-1 transcript is regulated in a human teratocarcinoma cell line. Skowronski J, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6050-4

Long terminal repeat sequences impart hematopoietic transformation properties to the myeloproliferative sarcoma virus. Stocking C, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5746-50

Genomic structure and possible retroviral origin of the chicken CR1 repetitive DNA sequence family. Stumph WE, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(21):6667-71

Tandemly repeated nonribosomal DNA sequences in the chloroplast genome of an Acetabularia mediterranea strain. Tymms MJ, et al. **Proc Natl Acad Sci USA** 1985 Mar; 82(6):1706-10

DNA repair in the in vivo site specific excision of palindromic sequences. Shafferman A, et al. **Prog Clin Biol Res** 1985;172A:19-36

Bovine leukemia virus long terminal repeat: a cell type-specific promoter. Derse D, et al. **Science** 1985 Jan 18;227(4684):317-20

Mutation in LDL receptor: Alu-Alu recombination deletes exons encoding transmembrane and cytoplasmic domains. Lehrman MA, et al. **Science** 1985 Jan 11;227(4683):140-6

Trans activation of the bovine leukemia virus long terminal repeat in BLV-infected cells. Rosen CA, et al. **Science** 1985 Jan 18;227(4684):320-2

Characterization of long terminal repeat sequences of HTLV-III. Starcich B, et al. **Science** 1985 Feb 1; 227(4686):538-40

Novel approach for restriction mapping repetitive DNA elements using DNA transformation. Lo CW. **Somatic Cell Mol Genet** 1985 Sep;11(5):455-65

[Structure of an inverted repeat sequence in chloroplast DNA] Sugita M, et al. **Tanpakushitsu Kakusan Koso** [illegible] Nov;29(11):875-88 (83 ref.) **(Jpn)**

[Statistical study of the nucleotide sequence of a prokaryotic promoter. Structural elements determining the efficacy of the transcription initiation stages] Artem'ev IV, et al. **Bioorg Khim** 1983 Nov;9(11):1544-57 (Eng. Abstr.) **(Rus)**

[Repetitive sequences of the A2 genome family in mice: size and transcription characteristics] Bukrinskiĭ MI, et al. **Dokl Akad Nauk SSSR** 1984 Sep-Oct;278(1):231-3 **(Rus)**

[The divergent region of kinetoplast maxi-ring DNA in Crithidia oncopelti contains 2 types of repetitive sequences] Gütter P, et al. **Dokl Akad Nauk SSSR** 1985;281(4):988-90 **(Rus)**

[Inverted interconnected base sequences in the Alu, HindIII and KpnI structure of DNA repetitive sequences] Korotkov EV, et al. **Dokl Akad Nauk SSSR** 1985; 280(6):1472-5 **(Rus)**

[Interconnected sequences of the Alu and HindIII bases of DNA repetitive sequences] Korotkov EV. **Dokl Akad Nauk SSSR** 1984;279(5):1252-4 **(Rus)**

[Biosynthesis of small cytoplasmic poly(A)tRNA homologous to the repeated B2 sequence of the mouse genome is realized by RNA polymerase III] Lekakh IV, et al. **Dokl Akad Nauk SSSR** 1984;277(4):1006-8 **(Rus)**

[Induction of repetitive nucleotide sequences. The probable mechanisms of genome evolution and gene conversion] Salganik RI, et al. **Genetika (Moskva)** 1984 Aug; 20(8):1244-54 (Eng. Abstr.) **(Rus)**

[Structural organization of the non-transcribed spacer of the rat ribosomal repeated sequence] Avdonina TA, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):412-24 (Eng. Abstr.) **(Rus)**

[Regions of human genome-containing analogs of oncogenes and retroviral genes. II. A new class of retrovirus-like elements] Chumakov IM, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):425-32 (Eng. Abstr.) **(Rus)**

[Isolation and characteristics of a temperature-sensitive plasmid pRP19.6--an RP1 derivative containing the duplicated IS21 sequence] Danilevich VN, et al. **Mol Biol (Mosk)** 1984 Jul-Aug;18(4):1111-20 (Eng. Abstr.) **(Rus)**

[Enhanced transcription of genes of the intracisternal A particles and B2 elements in mouse tumors] Grigorian MS, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):340-8 (Eng. Abstr.) **(Rus)**

[Uncoordinated expression of B2+mRNAx and other types of B2-containing poly(A)+RNA in various mouse tissues] Ivanov PL, et al. **Mol Biol (Mosk)** 1985 Mar-Apr; 19(2):333-9 (Eng. Abstr.) **(Rus)**

[Interaction of Escherichia coli RNA-polymerase with DNA-duplexes containing repetitive sequences] Koroleva ON, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):516-23 (Eng. Abstr.) **(Rus)**

[Context analysis of polynucleotide sequences. Methods of detecting non-random repeats. I. Direct repeats in genes of beta-, beta'-, sigma subunits of Escherichia coli RNA-polymerase] Solov'ev VV, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):524-36 (Eng. Abstr.) **(Rus)**

[Small cytoplasmic poly(A)+RNA, homologous to the B2 repetitive sequence of the mouse genome, is present in ribonucleoproteins] Tillib SV, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1639-50 (Eng. Abstr.) **(Rus)**

[The context analysis of polynucleotide sequences. II. Inverted repeats and complementary palindromes in RNA-polymerase genes] Zharkikh AA, et al. **Mol Biol (Mosk)** 1985 May-Jun;19(3):597-609 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

[Isolation and identification of the Alu family sequence in the human genome] Cai LW, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1985 Feb; 7(1):15-9 (Eng. Abstr.) **(Chi)**

REPLANTATION

Balanced anesthesia does anesthetize [letter] Grummitt RM. **Anesth Analg** 1984 Nov;63(11):1049

Repair of pectus excavatum by sternal eversion. Hawkins JA, et al. **Ann Thorac Surg** 1984 Oct;38(4):368-73

The damaging effect of smoking on digital revascularisation: two further case reports. Wilson GR, et al. **Br J Plast Surg** 1984 Oct;37(4):613-4

Reimplantation of the papilla of Vater. Williamson BW, et al. **Br J Surg** 1985 Mar;72(3):212-4

The 'rule of tens' prediction of functional results. An aid for selection for replantation. Schenck RR. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):459-65

Replantation of avulsively amputated thumb or degloved finger. Cheng GL, et al. **Chin Med J** [Engl] 1984 Apr; 97(4):239-44

Metabolic and histologic changes in the ischemic muscles of replanted dog legs. Muramatsu I, et al. **Clin Orthop** 1985 Jun;(196):292-9

Thermocouple probe monitoring for free tissue transfer, replantation, and revascularization procedures. May JW Jr, et al. **Clin Plast Surg** 1985 Apr;12(2):197-207

Ring avulsion injuries, care of amputated parts, replants, and revascularization. Burkhalter WE. **Emerg Med Clin North Am** 1985 May;3(2):365-71

Salvage of replanted parts of the upper extremity. Moneim MS, et al. **J Bone Joint Surg [Am]** 1985 Jul;67(6):880-3

The results of replantation after amputation of a single finger. Urbaniak JR, et al. **J Bone Joint Surg [Am]** 1985 Apr; 67(4):611-9

Evaluation of survival in digital replantation with thermometric monitoring. Lu SY, et al. **J Hand Surg [Am]** 1984 Nov;9(6):805-9

The late functional results of upper limb revascularization and replantation. Russell RC, et al. **J Hand Surg [Am]** 1984 Sep;9(5):623-33

Replantation of the amputated distal part of the fingers. Yamano Y. **J Hand Surg [Am]** 1985 Mar;10(2):211-8

Venous occlusion plethysmography in patients with cold related symptoms after digital salvage procedures. Kay S. **J Hand Surg [Br]** 1985 Jun;10(2):151-4

Distal digital replantation. Hagan HJ, et al. **J SC Med Assoc** 1985 Mar;81(3):107-9

Penile replantation: current concepts. Carroll PR, et al. **J Urol** 1985 Feb;133(2):281-5

Treatment of renal cell carcinoma by in situ partial nephrectomy and extracorporeal operation with autotransplantation. Zincke H, et al. **Mayo Clin Proc** 1985 Oct;60(10):651-62

Laser Doppler surveillance of the circulation of free flaps and replanted digits. Hedén PG, et al. **Microsurgery** 1985; 6(1):11-9

Lymphedema in the replanted limb of the rat: scintigraphic evaluation. Kramer EL, et al. **Microsurgery** 1985;6(1):40-5

Organization and implementation of a community hospital microsurgical service for the management of amputation injuries. Mirza MA, et al. **Microsurgery** 1984;5(3):136-9

Debridement and replantation of the spleen with microsurgical restoration of blood flow. Monsivais J, et al. **Microsurgery** 1985;6(2):97-102

Lesions of the kidney in tourniquet shock: ultrastructural study. Orsi R, et al. **Microsurgery** 1984;5(4):191-6

A new method for venous interposition grafts using fibrin glue. Sugiura K, et al. **Microsurgery** 1985;6(2):125-8

Successful replantation in the face of absent venous drainage: an experimental study. Nichter LS, et al. **Plast Reconstr Surg** 1985 May;75(5):686-91

Ten-digit replantation. Wei FC, et al. **Plast Reconstr Surg** 1984 Dec;74(6):826-32

Experimental and clinical experience with the different possibilities of preserving splenic tissue after rupture of the spleen. Feldmann M, et al. **Prog Pediatr Surg** 1985; 18:169-72

Survival factors in replantation and revascularization of the amputated thumb--10 years experience. Hamilton RB, et al. **Scand J Plast Reconstr Surg** 1984;18(2):163-73

Fishing for a thumb--an unusual replantation. Rao VK, et al. **Wis Med J** 1984 Sep;83(9):22-3

Total repair of annulo-aortic ectasia with composite graft and reimplantation of coronary ostia: a consecutive series of 41 patients. Inberg MV, et al. **World J Surg** 1985 Jun; 9(3):493-9

[Successful replantation of nine amputated digits in a single case] Cheng GL. **Chung Hua Wai Ko Tsa Chih** 1984 Nov; 22(11):681-2, 702 (Eng. Abstr.) **(Chi)**

[Anesthesia and homeostasis in microsurgical procedures] Getlik P. **Rozhl Chir** 1985 Feb;64(2):75-8 (Eng. Abstr.) **(Cze)**

[Comparison of traditional and microsurgical methods in reconstructive surgery of the limbs] Egloff DV, et al. **Helv Chir Acta** 1985 Apr;52(1):107-12 (Eng. Abstr.) **(Fre)**

[Incidence and significance of epiphyseal and para-epiphyseal injuries in replantations in the area of the upper extremity in children] Donski PK, et al. **Handchir Mikrochir Plast Chir** 1984 Sep;16(3):196-200 (Eng. Abstr.) **(Ger)**

[Results of replantation in thumb amputations. New examination methods for evaluation of sensation] Hesoun P, et al. **Handchir Mikrochir Plast Chir** 1985 Jul;17(4):234-7 (Eng. Abstr.) **(Ger)**

[Healing of reimplanted osteochondral fragments. An experimental study] Hesse I, et al. **Unfallchirurg** 1985 Jun; 88(6):280-8 (Eng. Abstr.) **(Ger)**

[Replantation of the forearm] Reigstad A, et al. **Tidsskr Nor Laegeforen** 1985 Apr 20;105(11):731-4 (Eng. Abstr.) **(Nor)**

[Replantation of the upper extremity after traumatic amputation] Kazakov IuI, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):124-5 **(Rus)**

[Dynamics of morphofunctional changes in organs after limb reimplantation] Shumakov VI, et al. **Ortop Travmatol Protez** 1984 Sep;(9):33-7 (Eng. Abstr.) **(Rus)**

[Reimplantation of Vater's papilla; a new indication and technic] Bolufer Cano JM, et al. **Rev Esp Enferm Apar Dig** 1984 Jul;66(1):1-8 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Aggressive postoperative pharmacotherapy for vascular compromise of replanted digits. Rapoport S, et al. **AJR** 1985 May;144(5):1065-6

An ischemia-induced model of revascularization failure of replanted limbs. Zdeblick TA, et al. **J Hand Surg [Am]** 1985 Jan;10(1):125-31

METHODS

Reimplantation of the ampulla of Vater. Budd DC, et al. **Am J Surg** 1985 Sep;150(3):397-9

Immediate excision and skin graft of a friction burn in a replanted thumb with a note on its usefulness and indications. Emerson DJ, et al. **Br J Plast Surg** 1984 Oct; 37(4):624-5

The possible applications of a composite skin and subcutaneous vein graft in the replantation of amputated digits. Honda T, et al. **Br J Plast Surg** 1984 Oct; 37(4):607-12

Effect of fluorocarbon perfusion upon the preservation of amputated limbs. An experimental study. Usui M, et al. **J Bone Joint Surg [Br]** 1985 May;67(3):473-7

Improved exposure for arterial repair in thumb replantation. Caffee HH. **J Hand Surg [Am]** 1985 May;10(3):416

Partial nail plate removal after digital replantation as an alternative method of venous drainage. Gordon L, et al. **J Hand Surg [Am]** 1985 May;10(3):360-4

Single stage thumb reconstruction by a composite forearm island flap. Foucher G, et al. **J Hand Surg [Br]** 1984 Oct; 9(3):245-8

Experience with thumb reconstruction. Morrison WA, et al. **J Hand Surg [Br]** 1984 Oct;9(3):223-33

Osteoplastic surgery of the sinus maxillaris--the 'bone lid'-method. Lindorf HH. **J Maxillofac Surg** 1984 Dec; 12(6):271-6

Transpositional digital replantation. Chiu HY, et al. **J Trauma** 1985 May;25(5):440-3

Microsurgical replantation of the scalp. Nahai F, et al. **J Trauma** 1985 Sep;25(9):897-902

Continuous brachial plexus block--regional anaesthesia for reimplantation surgery of the hand: a preliminary study. Sivarajah RS, et al. **Med J Malaysia** 1984 Jun;39(2):112-5

A digit replantation model. Haines P, et al. **Microsurgery** 1985;6(2):70-2

Avulsion injuries of the external ear. Weston GW, et al. **NC Med J** 1985 Jan;46(1):51-3

A simple method for cooling fingers during replantation surgery. Nakayama Y, et al. **Plast Reconstr Surg** 1985 May; 75(5):750-1

Limb preservation in replantation surgery. Smith AR, et al. **Plast Reconstr Surg** 1985 Feb;75(2):227-37

[Digital replantation in children] Cheng GL. **Chung Hua Wai Ko Tsa Chih** 1984 Sep;22(9):540-2, 573 (Eng. Abstr.) **(Chi)**

[Replantation of severed fingers to the forearm stump for reconstruction of partial hand function] Cheng GL. **Chung Hua Wai Ko Tsa Chih** 1984 Apr;22(4):195-8 (Eng. Abstr.) **(Chi)**

[Use of volar veins in finger replantation] Stober R, et al. **Aktuel Traumatol** 1984 Oct;14(5):215-7 (Eng. Abstr.) **(Ger)**

[Replantation surgery--specific problems, organization and results] Berge G, et al. **Zentralbl Chir** 1985;110(12):764-9 **(Ger)**

[Replantation of the upper limbs] Nyárády J, et al. **Orv Hetil** 1985 Feb 10;126(6):313-6 (Eng. Abstr.) **(Hun)**

[Organizational and tactical aspects of replantation of large segments of the limbs] Driuk NF, et al. **Klin Khir** 1985 Apr;(4):58-62 **(Rus)**

[Uretero-neocystostomies] Gastón de Iriarte E, et al. **Actas Urol Esp** 1985 Mar-Apr;9(2):147-54 (Eng. Abstr.) **(Spa)**

[Tubal reimplantation] García-Flores RF, et al. **Ginecol Obstet Mex** 1984 Jan;52(321):1-7 (Eng. Abstr.) **(Spa)**

PSYCHOLOGY

Psychological reactions and processes following replantation surgery: a study of 50 patients. Schweitzer I, et al. **Plast Reconstr Surg** 1985 Jul;76(1):97-103

UTILIZATION

The need for replantation surgery after traumatic amputations of the upper extremity--an estimate based upon the epidemiology of Sweden. Nylander G, et al. **J Hand Surg [Br]** 1984 Oct;9(3):257-60

REPLANTATION, TOOTH see **TOOTH REPLANTATION**

REPLICATION UNIT see **REPLICON**

REPLICON

Relationship between the organization of DNA loop domains and of replicons in the eukaryotic genome. Marilley M, et al. **Adv Exp Med Biol** 1984;179:163-8

Genetic interactions of broad host-range plasmid RK2: evidence for a complex replication regulon. Figurski DH, et al. **Basic Life Sci** 1985;30:227-41

The use of synthetic oligonucleotides with universal templates for rapid DNA sequencing: results with staphylococcal replicon pC221. Brenner DG, et al. **EMBO J** 1985 Feb;4(2):561-8

Replication origin of the Bacillus subtilis chromosome determined by hybridization of the first-replicating DNA with cloned fragments from the replication origin region of the chromosome. Ogasawara N, et al. **Gene** 1984 Oct; 30(1-3):173-82

Second replicon in ColV2-K94 mediates the stable coexistence of two incompatible plasmids. Weber PC, et al. **J Bacteriol** 1984 Oct;160(1):245-50

Molecular cloning of a pIP501 derivative yields a model replicon for the study of streptococcal conjugation. Evans RP, et al. **J Gen Microbiol** 1985 Jan;131 (Pt 1):145-53

Electron microscope autoradiography of DNA synthesis in the replication band of two hypotrichous ciliates. Lin M, et al. **J Protozool** 1985 Feb;32(1):144-9

Replicon fusion mediated by a single-ended derivative of transposon Tn1721. Mötsch S, et al. **MGG** 1984; 195(1-2):281-7

Identification of the minimal essential region for the replication origin of miniF plasmid. Murotsu T, et al. **MGG** 1984;196(2):373-8

Plasmid formation in Streptomyces: excision and integration of the SLP1 replicon at a specific chromosomal site. Omer CA, et al. **MGG** 1984;196(3):429-38

Comparative sequence and functional analysis of pT181 and pC221, cognate plasmid replicons from Staphylococcus aureus. Projan SJ, et al. **MGG** 1985;199(3):452-64

Replicon size of yeast ribosomal DNA. Walmsley RM, et al. **MGG** 1984;195(1-2):260-6

Nucleotide sequence of the replication region of plasmid R401 and its incompatibility function. Tabuchi A. **Microbiol Immunol** 1985;29(5):383-93

Deletion mutations affecting autonomously replicating sequence ARS1 of Saccharomyces cerevisiae. Celniker SE, et al. **Mol Cell Biol** 1984 Nov;4(11):2455-66

Cloning of nascent monkey DNA synthesized early in the cell cycle. Kaufmann G, et al. **Mol Cell Biol** 1985 Apr; 5(4):721-7

Location of rep and inc sequences in the F secondary replicon. Gardner R, et al. **Plasmid** 1985 Mar;13(2):145-8

Control of replication of FII plasmids: comparison of the basic replicons and of the copB systems of plasmids R100 and R1. Nordström M, et al. **Plasmid** 1985 Mar;13(2):81-7

Characterization of the basic replicons of the chimeric R/Ent plasmid pCG86 and the related Ent plasmid P307. Picken RN, et al. **Plasmid** 1984 Jul;12(1):10-8

RepFIC, a basic replicon of IncFI plasmids that has homology with a basic replicon of IncFII plasmids. Saadi S, et al. **Plasmid** 1984 Jul;12(1):61-4

[Association of replicon with envelope: the ori C-membrane complex in E. coli] Yamaki H, et al. **Seikagaku** 1985 Jan; 57(1):20-9 (59 ref.) **(Jpn)**

DRUG EFFECTS

Effects of psoralen on replicon size and mean rate of DNA synthesis in partially synchronized cells of Pisum sativum L. Francis D, et al. **Exp Cell Res** 1985 Jun;158(2):500-8

Theophylline release of replicon initiation inhibition by nitrosoureas correlates with the synergistic killing in L1210 leukemia in vitro. Ducore JM, et al. **Mutat Res** 1985 Jul; 146(1):1-8

[Caffeine inactivation of mammalian cells in the S phase of the mitotic cycle due to anomalous replicon initiation during the inhibition of the elongation of replicating DNA] Filatov MV, et al. **Tsitologiia** 1984 Oct;26(10):1208-12 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Subchromosomal DNA synthesis in synchronous V-79 chinese hamster cells after X irradiation. Meechan PJ, et al. **Radiat Res** 1984 Nov;100(2):273-81

Delayed inhibition of subchromosomal DNA synthesis in V-79 Chinese hamster cells after gamma irradiation. Meechan PJ, et al. **Radiat Res** 1984 Nov;100(2):282-9

REPRESSION

Repression and other forms of cognitive evasiveness: implications for stress symptoms in college students. Heilburn AB Jr, et al. **J Am Coll Health** 1984 Dec; 33(3):106-11

Laterality of cerebral function: relations with anxiety, repression, and perception. Kennelly KJ, et al. **Percept Mot Skills** 1985 Jun;60(3):791-5

A test of the repression hypothesis in agoraphobics. Arrindell WA, et al. **Psychol Med** 1985 Feb;15(1):125-9

REPRESSION-SENSITIZATION

Meaning of the Repression-Sensitization scale: defensive style or self-report of symptoms of psychopathology. Budd EC, et al. **J Clin Psychol** 1985 Jan;41(1):63-8

Locus of control, repression-sensitization. and psychological disorder in chronic pain patients. McCreary C, et al. **J Clin Psychol** 1984 Jul;40(4):897-901

Relationship of the repression-sensitization scales to anxiety. Slough N, et al. **J Pers Assess** 1984 Aug;48(4):378-9

The impact of denial and repressive style on information gain and rehabilitation outcomes in myocardial infarction patients. Shaw RE, et al. **Psychosom Med** 1985 May-Jun; 47(3):262-73

[Conditioning of acoustic evoked potentials and unconscious stimulus processing in repressors, non-defensives and sensitizers] Roth R. **Arch Psychol (Frankf)** 1984; 136(1):13-33 (Eng. Abstr.) **(Ger)**

REPRESSION-SENSITIZATION SCALES see under **REPRESSION-SENSITIZATION**

REPRESSOR PROTEINS see under **TRANSCRIPTION FACTORS**

REPRODUCTION

Postpartum reproductive performance in dairy cows. I: Influence of animal, breed and parity. Larsson K, et al. **Acta Vet Scand** 1984;25(3):445-61

Effects of varying degrees of chronic dietary restriction in rat dams on reproductive and lactational performance and body composition in dams and their pups. Young CM, et al. **Am J Clin Nutr** 1985 May;41(5):979-87

An epidemiologic surveillance program for evaluating occupational reproductive hazards. Wong O, et al. **Am J Ind Med** 1985;7(4):295-306

The effect of Mendelian disease on human health: a measurement. Costa T, et al. **Am J Med Genet** 1985 Jun; 21(2):231-42

Systemic lupus erythematosus and reproductive function: a case-control study. Grimes DA, et al. **Am J Obstet Gynecol** 1985 Sep 15;153(2):179-86

Content of the collagen and elastin cross-links pyridinoline and the desmosines in the human uterus in various reproductive states. Gunja-Smith Z, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):92-5

The relationship between reproductive performance and blood pressure in the spontaneously hypertensive rat. Lorenz RP, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):519-23

International Symposium on the Immunology of Reproduction. Tel Aviv, Israel. October 21-25, 1984. Abstracts. **Am J Reprod Immunol** 1984 Sep;6(2):54-79

Anticomplementary activity in human semen and its possible importance in reproduction. Price RJ, et al. **Am J Reprod Immunol** 1984 Oct-Nov;6(3):92-8

Sixth International Symposium on Immunology of Reproduction. May 30-June 2, 1985. Varna, Bulgaria. Abstracts. **Am J Reprod Immunol Microbiol** 1985 Feb; 7(2):47-92

American Society for the Immunology of Reproduction. Abstracts from the sixth annual meeting. June 12-14, 1985, Ann Arbor, Michigan. **Am J Reprod Immunol Microbiol** 1985 Apr;7(4):129-42

A field study on the effects of Fort Morgan virus, an arbovirus transmitted by swallow bugs, on the reproductive success of cliff swallows and symbiotic house sparrows in Morgan County, Colorado, 1976. Scott TW, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):981-91

Preliminary researches on the characterization of the glycoconjugates in the oviduct of Rana esculenta complex during its reproductive cycle. Menghi G, et al. **Anat Anz** 1985;158(4):337-41

A practical ethical framework for in vitro fertilization and related reproductive interventions. Jansen RP. **Ann NY Acad Sci** 1985;442:595-600

The ethics of the reproduction revolution. Singer P.

Ann NY Acad Sci 1985;442:588-94

Welfare of confined sows. A roundtable in the CEC programme of coordination of research on animal pathology. St-Gilles, France, 26-27 May 1983. **Ann Rech Vet** 1984;15(2):149-309

The welfare of confined sows: physiological, behavioural and production responses to contrasting housing systems and handler attitudes. Barnett JL, et al. **Ann Rech Vet** 1984; 15(2):217-26

Confinement of sows related to their productivity. Daelemans J. **Ann Rech Vet** 1984;15(2):149-58 (21 ref.)

Tethered versus loose sows: ethological observations and measures of productivity: II. Production results. Hansen LL, et al. **Ann Rech Vet** 1984;15(2):185-91

Effect of housing system on sow productivity. Lynch PB, et al. **Ann Rech Vet** 1984;15(2):181-4

Zinc and reproduction. Apgar J. **Annu Rev Nutr** 1985;5:43-68 (193 ref.)

Reproductive biology of the Booroola Merino sheep. Bindon BM. **Aust J Biol Sci** 1984;37(3):163-89 (94 ref.)

Hypergravity effects on litter size, nursing activity, prolactin, TSH, T3, and T4 in the rat. Megory E, et al. **Aviat Space Environ Med** 1984 Dec;55(12):1129-35

The influence of season, parity, and duration of lactation on some performance traits of sows indigenous to Nigeria. Somade B. **Beitr Trop Landwirtsch Veterinarmed** 1985; 23(1):81-7

Program for the eighteenth annual meeting of the Society for the Study of Reproduction, including a symposium on gonadal function and fetal development under stress. Montreal, Quebec, Canada, July 22-25, 1985. Abstracts. **Biol Reprod** 1985;32 Suppl 1:38-241

Mammalian reproduction: an ecological perspective. Bronson FH. **Biol Reprod** 1985 Feb;32(1):1-26 (186 ref.)

Food restriction and reproductive development in wild house mice. Hamilton GD, et al. **Biol Reprod** 1985 May; 32(4):773-8

Resumption of seasonal breeding patterns in male and female rhesus monkeys transferred from an indoor to an outdoor environment. Herndon JG, et al. **Biol Reprod** 1985 May; 32(4):733-44

Increased daily sperm production in the breeding season of stallions is explained by an elevated population of spermatogonia. Johnson L. **Biol Reprod** 1985 Jun; 32(5):1181-90

Environmental and endogenous control of reproductive function in the Great Basin pocket mouse Perognathus parvus. Kenagy GJ, et al. **Biol Reprod** 1984 Nov; 31(4):637-45

Role of decreased numbers of follicles on reproductive performance in young and aged rats. Meredith S, et al. **Biol Reprod** 1985 May;32(4):788-94

Potential of a quantal response as a mechanism for oscillatory behavior: implications for our concepts of hormonal control mechanisms. Moyle WR, et al. **Biol Reprod** 1985 Feb;32(1):43-69

Orthotopic ovarian transplantations in young and aged C57BL/6J mice. Parkening TA, et al. **Biol Reprod** 1985 Jun;32(5):989-97

Hypothyroidism in reproductively inhibited prairie deer mice (Peromyscus maniculatus bairdi) from laboratory populations. Pitman JM 3d, et al. **Biol Reprod** 1984 Dec; 31(5):895-904

Communication and control in reproduction: the ubiquity of periodic phenomena. Rapp PE. **Biol Reprod** 1985 Feb; 32(1):70-2

Refractoriness to inductive day lengths terminates the breeding season of the Suffolk ewe. Robinson JE, et al. **Biol Reprod** 1984 Nov;31(4):656-63

Prenatal effects on reproductive capacity during aging in female mice. Vom Saal FS, et al. **Biol Reprod** 1985 Jun; 32(5):1116-26

Importance of duration of nocturnal melatonin secretion in determining the reproductive response to inductive photoperiod in the ewe. Yellon SM, et al. **Biol Reprod** 1985 Apr;32(3):523-9

Cutaneous malignant melanoma in women: exogenous sex hormones and reproductive factors. Holman CD, et al. **Br J Cancer** 1984 Nov;50(5):673-80

Genetic correlations of abdominal fat with production traits of Leghorn hens based on inbred line averages. Abplanalp H, et al. **Br Poult Sci** 1984 Jul;25(3):343-7

Dominance rank, fear scores and reproduction in cockerels. Shabalina AT. **Br Poult Sci** 1984 Jul;25(3):297-301

The mating of Libyan fat-tailed ewe lambs. Madani MO, et al. **Br Vet J** 1985 Jul-Aug;141(4):401-8

The effect of light environment on post-partum reproductive activity and prolactin levels in two breeds of sheep. Pijoan PJ, et al. **Br Vet J** 1985 May-Jun;141(3):272-81

Reproductive efficiency and calf survival in Ontario beef cow-calf herds: a cross-sectional mail survey. Rogers RW, et al. **Can J Comp Med** 1985 Jan;49(1):27-33

Stannius corpuscles and plasma calcium levels during the reproductive cycle in the cichlid teleost fish, Oreochromis mossambicus. Urasa FM, et al. **Cell Tissue Res** 1985; 241(1):219-27

The relative gonadal index: an alternative index for quantification of reproductive condition. Erickson DL, et al. **Comp Biochem Physiol [A]** 1985;81(1):117-20

Advances in physiology of growth, reproduction and lactation. Hansel W. **Cornell Vet** 1985 Jan;75(1):56-76 (58 ref.)

The role of feeding regimens in the growth of neonate broad-banded water snakes, Nerodia fasciata confluens, and possible effects on reproduction. Scudder RM, et al. **Dev Psychobiol** 1985 May;18(3):203-14

Reproductive senescence in female C57BL/6J mice: ovarian impairments and neuroendocrine impairments that are partially reversible and delayable by ovariectomy. Mobbs CV, et al. **Endocrinology** 1984 Nov;115(5):1653-62

Report on the conference on aging, reproduction, and the climacteric. Mastroianni L Jr. **Fertil Steril** 1985 Jan; 43(1):17-9

Seminal prolactin concentration and sperm reproductive capacity. Sueldo CE, et al. **Fertil Steril** 1985 Apr; 43(4):632-5

Female reproductive characteristics in semifree-ranging Barbary macaques (Macaca sylvanus L. 1758). Küster J, et al. **Folia Primatol (Basel)** 1984;43(2-3):69-83

Interbirth intervals in a captive group of Japanese macaques. Scucchi S. **Folia Primatol (Basel)** 1984;42(3-4):203-8

Plasma cortisol levels of female rainbow trout (Salmo gairdneri) at the end of the reproductive cycle: relationship with oocyte stages. Bry C. **Gen Comp Endocrinol** 1985 Jan; 57(1):47-52

Estradiol concentration in the serum of the one-humped camel (Camelus dromedarius) during the various reproductive stages. Elias E, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):258-64

Recovery of photosensitivity in photorefractory starlings is not prevented by testosterone treatment. Goldsmith AR, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):210-7

Seasonal reproduction in the mongoose, Herpestes auropunctatus. IV. Organ weight and hormone changes in the female. Hoffmann JC, et al. **Gen Comp Endocrinol** 1984 Aug;55(2):305-14

Elevations in gonadotrophin concentrations and milt volumes as a result of spawning behavior in the goldfish. Kyle AL, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):10-22

Effects of selected wavelengths of light on reproductive development in cockerels. Osol G, et al. **Gen Comp Endocrinol** 1984 Aug;55(2):227-32

Endocrine changes during natural spawning in the white sucker, Catostomus commersoni. II. Steroid hormones. Scott AP, et al. **Gen Comp Endocrinol** 1984 Dec; 56(3):349-59

Endocrine changes during natural spawning in the white sucker, Catostomus commersoni. I. Gonadotropin, growth hormone, and thyroid hormones. Stacey NE, et al. **Gen Comp Endocrinol** 1984 Dec;56(3):333-48

Environmental and endocrine control of reproduction in the song sparrow, Melospiza melodia. II. Agonistic interactions as environmental information stimulating secretion of testosterone. Wingfield JC. **Gen Comp Endocrinol** 1984 Dec;56(3):417-24

Environmental and endocrine control of reproduction in the song sparrow, Melospiza melodia. I. Temporal organization of the breeding cycle. Wingfield JC. **Gen Comp Endocrinol** 1984 Dec;56(3):406-16

Effects of selection on growth, body composition and food intake in mice. II. Correlated responses in reproduction. Brien FD, et al. **Genet Res** 1984 Aug;44(1):73-85

Length variation and heteroplasmy are frequent in mitochondrial DNA from parthenogenetic and bisexual lizards (genus Cnemidophorus). Densmore LD, et al. **Genetics** 1985 Aug;110(4):689-707

Control of the breeding season in sheep and goats. Henderson D. **In Pract** 1985 Jul;7(4):118-23

The influence of artificial and natural short photoperiods on male Syrian hamsters: reproductive effects. Brainard GC, et al. **Int J Biometeorol** 1984 Nov;28(4):317-25

Biases in research on reproduction and women's work. Joffe M. **Int J Epidemiol** 1985 Mar;14(1):118-23

Neuroendocrine control of reproduction and its therapeutic manipulation with GnRH and its analogs. Brodie TD, et al. **Int J Fertil** 1985;30(1):66-70, 74-5

Studies on the poll glands of the one-humped camel in relation to reproductive activity. II. Ultrastructural observations. Tingari MD, et al. **J Anat** 1984 Oct;139 (Pt 3):463-74

Effect on the ewe and lamb of low zinc intake throughout pregnancy. Apgar J, et al. **J Anim Sci** 1985 Jun;60(6):1530-8

A genetic analysis of sow productivity traits. Bereskin B. **J Anim Sci** 1984 Nov;59(5):1149-63

Genetic correlations of pig performance and sow productivity traits. Bereskin B. **J Anim Sci** 1984 Dec; 59(6):1477-87

Genetic variation in prenatal survival and litter size. Bradford GE. **J Anim Sci** 1979;49 Suppl 2:66-74 (19 ref.)

Reproductive performance for four breeds of swine: crossbred females and purebred and crossbred boars. Buchanan DS, et al. **J Anim Sci** 1984 Oct;59(4):948-56

A comparison of Dorset and Finnish Landrace crossbred ewes. Cochran KP, et al. **J Anim Sci** 1984 Aug;59(2):329-37

Lifetime productivity of purebred and crossbred cows of Angus and milking shorthorn parentage: weights and scores. Croak-Brossman SJ, et al. **J Anim Sci** 1984 Dec; 59(6):1451-8

Endocrine regulation of reproductive development and function in the male. Desjardins C. **J Anim Sci** 1978;47 Suppl 2:56-79 (216 ref.)

Effects of concurrent lactation and postpartum mating on reproductive performance in mice selected for large litter size. Eisen EJ, et al. **J Anim Sci** 1984 Nov;59(5):1224-38

Lifetime (seven years) production of 1/4 and 1/2 Finnish Landrace ewes from Rambouillet, Targhee and Columbia dams under range conditions. Ercanbrack SK, et al. **J Anim Sci** 1985 Jul;61(1):66-77

Genetic, phenotypic and environmental relationships between sow body weight and sow productivity traits. Ferguson PW, et al. **J Anim Sci** 1985 Feb;60(2):375-84

Sow productivity comparisons for four breeds of swine: purebred and crossbred litters. Gaugler HR, et al. **J Anim Sci** 1984 Oct;59(4):941-7

Reproductive performance of Finnish Landrace and Suffolk sheep maintained indoors year-round. Hackett AJ, et al. **J Anim Sci** 1985 Feb;60(2):334-41

Energy intake, body composition and reproductive performance of the gilt. Kirkwood RN, et al. **J Anim Sci** 1985 Jun;60(6):1518-29 (86 ref.)

Comparisons of specific crosses from Duroc, Hampshire and Spot backcross sows. Kuhlers DL, et al. **J Anim Sci** 1985 Mar;60(3):603-7

Selection among males for the genetic improvement of female fertility. Land RB. **J Anim Sci** 1978;47 Suppl 2:48-55 (20 ref.)

Growth patterns of Angus, Hereford and shorthorn cattle. I. Comparison of inbred and noninbred lines, changes in patterns over time and effects of level of inbreeding and reproductive performance. McCurley JR, et al. **J Anim Sci** 1984 Nov;59(5):1194-204

Production characters of first-generation cows of a five-breed diallel: reproduction of young cows and preweaning performance of inter se calves. McElhenney WH, et al. **J Anim Sci** 1985 Jul;61(1):55-65

The effect of repeated mating at short intervals on reproductive performance of gilts. Mah J, et al. **J Anim Sci** 1985 Apr;60(4):1052-4

Nutrient intake and efficiency of calf production by two-breed cross cows. Marshall DM, et al. **J Anim Sci** 1984 Aug;59(2):317-28

Comparative performance of straightbred and crossbred (F1) sires. Neville WE Jr, et al. **J Anim Sci** 1985 Mar; 60(3):632-43

Effect of dietary crude protein level on the reproductive performance and growth of New Zealand white rabbits. Sanchez WK, et al. **J Anim Sci** 1985 Apr;60(4):1029-39

Phenotypic relationships among early life traits and lifetime ewe production efficiency. Saoud NB, et al. **J Anim Sci** 1984 Sep;59(3):607-19

The effect of selection in retrospect on lifetime production efficiency in sheep. Saoud NB, et al. **J Anim Sci** 1984 Sep; 59(3):620-9

Genetic, environmental and interaction effects on lifetime production efficiency of crossbred ewes. Saoud NB, et al. **J Anim Sci** 1984 Sep;59(3):594-606

Reproductive traits of sows penned individually or in groups until 35 days after breeding. Schmidt WE, et al. **J Anim Sci** 1985 Mar;60(3):755-9

Effect of dietary gestation and lactation protein levels on reproductive performance and body composition of first-litter female swine. Shields RG Jr, et al. **J Anim Sci** 1985 Jan;60(1):179-89

Estimates of genetic correlations between testicular measurements and female reproductive traits in cattle. Toelle VD, et al. **J Anim Sci** 1985 Jan;60(1):89-100

Reproductive performance and profitability of heifers fed to weigh 272 or 318 kg at the start of the first breeding season. Wiltbank JN, et al. **J Anim Sci** 1985 Jan;60(1):25-34

Influence of milking frequency on productive and reproductive efficiencies of dairy cows. Amos HE, et al. **J Dairy Sci** 1985 Mar;68(3):732-9

Interrelationships of milk yield, body weight, and reproductive performance. Badinga L, et al. **J Dairy Sci** 1985 Jul;68(7):1828-31

Enhanced reproduction and its economic implications. Britt JH. **J Dairy Sci** 1985 Jun;68(6):1585-92 (26 ref.)

Factors affecting reproductive performance of dairy cows. Coleman DA, et al. **J Dairy Sci** 1985 Jul;68(7):1793-803

Effects of climate on reproduction in cattle. Gwazdauskas FC. **J Dairy Sci** 1985 Jun;68(6):1568-78 (88 ref.)

Estrus detection and subsequent reproduction in dairy cows continuously housed indoors. Hackett AJ, et al. **J Dairy Sci** 1984 Oct;67(10):2446-54

Reproductive performance of crossline and pureline dairy heifers. Lin CY, et al. **J Dairy Sci** 1984 Oct;67(10):2420-8

Seasonal breeding in United States dairy goats. Mohammad WA, et al. **J Dairy Sci** 1984 Aug;67(8):1813-22

Effect of health status on culling and reproductive performance of Holstein cows. Oltenacu PA, et al. **J Dairy Sci** 1984 Aug;67(8):1783-92

Management factors affecting reproductive performance of dairy cows in the northeastern United States. Reimers TJ, et al. **J Dairy Sci** 1985 Apr;68(4):963-72

Estimation of genetic parameters for stayability in Canadian Holsteins. Van Doormaal BJ, et al. **J Dairy Sci** 1985 Jul; 68(7):1763-9

Central effects of photoperiod on reproduction in the ram revealed by the use of a testosterone clamp. Lincoln GA. **J Endocrinol** 1984 Nov;103(2):233-41

The reproductive system in elderly men. Carani C, et al. **J Endocrinol Invest** 1985;8 Suppl 2:71-9

Structural and functional aspects of aging testis and sex accessory organs. Fabbrini A, et al. **J Endocrinol Invest** 1985;8 Suppl 2:47-55

Photorefractoriness in Japanese quail: possible involvement of the thyroid gland. Follett BK, et al. **J Exp Zool** 1984 Dec;232(3):573-80 (16 ref.)

Regulation of prolactin and its role in gallinaceous bird reproduction. El Halawani ME, et al. **J Exp Zool** 1984 Dec;232(3):521-9 (81 ref.)

Photorefractoriness in European starlings: associated hypothalamic changes and the involvement of thyroid hormones and prolactin. Nicholls TJ, et al. **J Exp Zool** 1984 Dec;232(3):567-72 (27 ref.)

Hormonal mediation of reproductive behavior. Ottinger MA, et al. **J Exp Zool** 1984 Dec;232(3):605-16 (48 ref.)

Somatic and germ cell chimerism in chimeric mice between strains of high litter size and regular litter size. Watanabe T. **J Exp Zool** 1985 May;234(2):283-8

Influence of weather on reproduction. Wingfield JC. **J Exp Zool** 1984 Dec;232(3):589-94 (54 ref.)

Reproduction of wild-caught tamarins (Saguinus mystax mystax) under laboratory conditions. Ogden J. **J Med Primatol** 1983;12(6):343-5

Reproductive performance, population dynamics and anthropometrics of the free-ranging Cayo Santiago rhesus macaques. Rawlins RG, et al. **J Med Primatol** 1984; 13(5):247-59

Contraceptive practices and reproductive patterns in sickle cell disease. Samuels-Reid JH, et al. **J Natl Med Assoc** 1984 Sep;76(9):879-83

Growth and estrous activity of rats fed adequate and deficient levels of phosphorus. Greene LW, et al. **J Nutr** 1985 Jun; 115(6):753-8

Cross-sectional vs longitudinal studies in reproductive hazard investigations [letter] Austin SG. **J Occup Med** 1985 Apr; 27(4):237-40

The origin of helping: the role of variability in reproductive potential. Brown JL, et al. **J Theor Biol** 1985 Feb 7; 112(3):465-77

Direct and absorption costing in the evolution of life cycles. Sibly R, et al. **J Theor Biol** 1984 Dec 7;111(3):463-73

Leads from the MMWR. Reproduction function observations among oil refinery workers. **JAMA** 1985 Jul 19;254(3):344, 346

Intensity of jogging. Relationship with menstrual/reproductive variables. Estok PJ, et al. **JOGN Nurs** 1984 Nov-Dec;13(6):390-5

The effect of repeated reproduction on the incidence of pituitary tumours in Wistar rats. Pickering CE, et al. **Lab Anim** 1984 Oct;18(4):371-8

Congenital malformations and variations in reproductive performance in the ferret: effects of maternal age, color and parity. McLain DE, et al. **Lab Anim Sci** 1985 Jun; 35(3):251-5

Effects of concurrent pregnancy and lactation on reproduction in four strains of mice. Nagasawa H, et al. **Lab Anim Sci** 1985 Apr;35(2):142-5

Breeding and offspring rearing ability of C57BL/6J dystrophic mice. Younger LE, et al. **Lab Anim Sci** 1984 Oct;34(5):471-4

Gynaecological history, complaints and examinations in a middle-aged population. Hagstad A, et al. **Maturitas** 1985 Jul;7(2):115-28

Gynaecology of middle-aged women--menstrual and reproductive histories. Hagstad A, et al. **Maturitas** 1985 Jul;7(2):99-113

Observations of reproductive functions among workers in an oil refinery--Louisiana. **MMWR** 1985 Jun 14; 34(23):350-2

Impact of age-related changes in serotonin and norepinephrine metabolism on reproductive function in female rats: an analytical review. Walker RF. **Neurobiol Aging** 1984 Summer;5(2):121-55 (182 ref.)

Pheromones and mammalian reproduction. Marchlewska-Koj A. **Oxf Rev Reprod Biol** 1984;6.266-302 (200 ref.)

Atypical modes of reproduction in fish. Purdom CE. **Oxf Rev Reprod Biol** 1984;6:303-40 (115 ref.)

Scientific prejudice, reproductive isolation, and apartheid. Masters J, et al. **Perspect Biol Med** 1984 Autumn; 28(1):107-16

The role of the uterus in reproductive behavior. Ahdieh HB. **Physiol Behav** 1984 Aug;33(2):329-33

The influence of daylength, body weight, and age on the reproductive ability of broiler breeder cockerels. Harris GC Jr, et al. **Poult Sci** 1984 Sep;63(9):1705-10

Variations in ascorbic acid concentrations in the liver, gonads, kidney, and blood serum of feral blue rock pigeon (Columba livia gmelin) during the breeding and nonbreeding seasons. Kotak VC, et al. **Poult Sci** 1985 Mar; 64(3):542-4

Genetics of growth and reproduction in the turkey. 9. Long-term selection for increased 16-week body weight. Nestor KE. **Poult Sci** 1984 Nov;63(11):2114-22

Reproductive performance of broiler breeders exposed to cycling high temperatures from 17 to 20 weeks of age. Renden JA, et al. **Poult Sci** 1984 Aug;63(8):1481-8

The relationship between plasma concentrations of prolactin and consumption of feed and water during the reproductive cycle of the domestic turkey. Zadworny D, et al. **Poult Sci** 1985 Feb;64(2):401-10

Search, encounter rates, and the evolution of anisogamy. Cox PA, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6078-9

Superior reproduction by BALB/C vs C3H/HeCr germfree mice fed chemically defined, ultrafiltered, antigen-free diet. Pleasants J, et al. **Prog Clin Biol Res** 1985;181:87-90

Neuroendocrine basis of seasonal reproduction. Karsch FJ, et al. **Recent Prog Horm Res** 1984;40:185-232 (104 ref.)

Role of the circadian system in reproductive phenomena. Turek FW, et al. **Recent Prog Horm Res** 1984;40:143-83 (171 ref.)

Incidence of (n-3) essential fatty acid deficiency on trout reproductive processes. Leray C, et al. **Reprod Nutr Dev** 1985;25(3):567-81

Southeast Asian refugees of Rhode Island: reproductive beliefs and practices among the Hmong. Nyce JM, et al. **RI Med J** 1984 Aug;67(8):361-6

Melatonin: a coordinating signal for mammalian reproduction? Tamarkin L, et al. **Science** 1985 Feb 15; 227(4688):714-20 (87 ref.)

The role of prostaglandins in obstetrics/gynecology. Sherman AI. **Spec Top Endocrinol Metab** 1984;6:141-61 (79 ref.)

Preliminary studies on the performance and productivity indices of N'Dama and west African shorthorn cattle in Ghana. Tuah AK, et al. **Trop Anim Health Prod** 1985 May; 17(2):114-20

Reproductive performance, pre-weaning growth rate and pre-weaning lamb mortality of Djallonké sheep in Ghana. Tuah AK, et al. **Trop Anim Health Prod** 1985 May; 17(2):107-13

Reproductive endocrinology and physiology of the bitch and queen. Olson PN, et al. **Vet Clin North Am [Small Anim Pract]** 1984 Jul; 14(4):927-46 (66 ref.)

Index Lists provided by the VAMPP computer programme for dairy herd health and production control. II. Interpretation and analysis of data on Index List 2. Noordhuizen JP, et al. **Vet Q** 1985 Jan;7(1):11-8

Increasing lambing rates with ovandrotone-albumin. Harding RB, et al. **Vet Rec** 1984 Dec 8;115(23):601

Parvovirus and reduced fertility: no link [letter] Thompson H, et al. **Vet Rec** 1985 Apr 6;116(14):378

Reproductive health, youth, and the law. Paxman JM. **WHO Chron** 1984;38(5):199-207 (19 ref.)

The hypothalamo-hypophyseal system of the lemming, Dicrostonyx torquatus Pallas. I. Seasonal changes in the neurosecretory system during years of various reproductive efficiency. Arshavskaya TV, et al. **Z Mikrosk Anat Forsch** 1984;98(4):580-96

Long-term reproduction in mouse populations of different origin. Nagai J, et al. **Z Versuchstierkd** 1985;27(1):39-47

Photoperiodic influences on reproduction of domestic boars. II. Light influences on semen characteristics and libido. Claus R, et al. **Zentralbl Veterinarmed [A]** 1985 Feb; 32(2):99-109

Photoperiodic influences on reproduction of domestic boars. I. Light influences on testicular steroids in peripheral blood plasma and seminal plasma. Claus R, et al. **Zentralbl Veterinarmed [A]** 1985 Feb;32(2):86-98

Annual milk yield and reproductive performance of ketotic and non-ketotic dairy cows. Kauppinen K. **Zentralbl Veterinarmed [A]** 1984 Oct;31(9):694-704

[Effect of energy intake on production and reproduction characteristics in (breeding) sows] den Hartog LA. **Tijdschr Diergeneeskd** 1985 Apr 1;110(7):273-6 (Eng. Abstr.) **(Dut)**

[The pathology of ther reproducing female rabbit: a comparative, descriptive study of morbidity phenomena observed during the reproduction o purebred strains of rabbit] Coudert P, et al. **Ann Rech Vet** 1984;15(4):535-41 (Eng. Abstr.) **(Fre)**

[The impact of genetic counseling on the fertility of couples] Briard ML, et al. **J Genet Hum** 1984 Sep;32(4):257-63 (Eng. Abstr.) **(Fre)**

[Prostaglandins and the physiology of human and animal reproduction] Hanzen C. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(4):351-61 (Eng. Abstr.) **(Fre)**

[Reproduction and immune factors in the male] Martin-du-Pan RC, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(3):285-9 (Eng. Abstr.) **(Fre)**

[Reproduction and immune factors in women. Pregnancy, habitual abortion and HLA histocompatibility] Martin-du-Pan RC, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(3):291-3 (Eng. Abstr.) **(Fre)**

[Sexual functions and reproduction in diabetics] Fossati P, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:269-86 (48 ref.) **(Fre)**

[Teleonomy and teleology in phylogenesis] Preuss F. **Anat Histol Embryol** 1985 Jun;14(2):158-61 (Eng. Abstr.) **(Ger)**

[Studies on rumen fermentation with special reference to the volatile fatty acid production rate in ewes during reproduction. 2. Production rate of volatile fatty acids and rumen volume] Schindler K, et al. **Arch Tierernahr** 1985 May;35(5):351-9 (Eng. Abstr.) **(Ger)**

[Rumen fermentation with special reference to volatile fatty acid production during reproduction. 1. Methods and results of volatile fatty acid levels and production rates in vitro] Schindler K, et al. **Arch Tierernahr** 1984 Sep; 34(9):631-40 (Eng. Abstr.) **(Ger)**

[Embryonic mortality as a biological regulatory factor] Stolla R. **Berl Munch Tierarztl Wochenschr** 1985 Jun 1; 98(6):197-202 (40 ref.) (Eng. Abstr.) **(Ger)**

[Various current and future biotechnical methods in animal production] Niemann H, et al. **DTW** 1984 Jul 24; 91(7-8):280-4 (61 ref.) (Eng. Abstr.) **(Ger)**

[Selection of bulls fit for potential insemination with special reference to their sires and herds of origin] Romanowski W, et al. **DTW** 1985 Jan 6;92(1):6-9 (Eng. Abstr.) **(Ger)**

[Various aspects of the management and reproduction of spontaneously diabetic BB rats] Klöting I, et al. **Z Versuchstierkd** 1985;27(1):5-11 (Eng. Abstr.) **(Ger)**

[Effect of the stall climate on the health and productivity of cattle and swine] Groth W. **Zentralbl Veterinarmed [B]** 1984 Sep;31(8):561-84 (141 ref.) (Eng. Abstr.) **(Ger)**

[The effects of rat selection and reproduction on learning ability in the offspring] Yamada T, et al. **Jikken Dobutsu** 1984 Oct;33(4):471-9 (Eng. Abstr.) **(Jpn)**

[Computer-assisted prognosis of the reproductive function of patients following conservative myomectomy] Kuznetsova LV. **Akush Ginekol (Mosk)** 1985 Mar;(3):50-3 (Eng. Abstr.) **(Rus)**

[Rehabilitation of the menstrual and child-bearing functions of young women having undergone an operation for tubal pregnancy] Sokolova TM, et al. **Akush Ginekol (Mosk)** 1985 Mar;(3):27-9 (Eng. Abstr.) **(Rus)**

[Importance of organ-conserving operations in tubal pregnancy in rehabilitating the female reproductive function] Zagrebina VA, et al. **Akush Ginekol (Mosk)** 1985 Mar;(3):25-6 (Eng. Abstr.) **(Rus)**

[Effectiveness of different methods and agents for increasing the reproductive ability of sows] Il'chevich NV, et al. **Fiziol Zh** 1985 May-Jun;31(3):331-6 (Eng. Abstr.) **(Rus)**

[Status and prospects for neuroendocrine research in the physiology of reproduction] Babichev VN. **Fiziol Zh SSSR** 1985 Jan;71(1):30-41 (69 ref.) **(Rus)**

[Reproductive function in the female workers at an oil field engineering plant] Alekperov II, et al. **Gig Tr Prof Zabol** 1984 Sep;(9):43-5 **(Rus)**

[Comparative characteristics of the sex steroid content in the blood plasma of the big-mouthed buffalo, silver carp and channel catfish during reproduction] Godovich PL, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):70-5 (Eng. Abstr.) **(Rus)**

[Prostaglandins and reproduction] Guivernau M, et al. **Rev Chil Obstet Ginecol** 1984;49(2):115-21 (67 ref.) **(Spa)**

DRUG EFFECTS

Some reproductive and clinical aspects of endotoxins in cows with special emphasis on the role of prostaglandins. Fredriksson G. **Acta Vet Scand** 1984;25(3):365-77

Survey of reproductive hazards among oil, chemical, and atomic workers exposed to halogenated hydrocarbons. Savitz DA, et al. **Am J Ind Med** 1984;6(4):253-64

Effect of dihydrostreptomycin or oxytetracycline on reproductive capacity of bulls. Abbitt B, et al. **Am J Vet Res** 1984 Nov;45(11):2243-6

Production responses of lactating dairy cows and heifers given thiabendazole at parturition. Fetrow J, et al. **Am J Vet Res** 1985 Jan;46(1):48-52

Organochlorine pesticide, polychlorobiphenyl, and mercury residues in bald eagle eggs--1969-79--and their relationships to shell thinning and reproduction. Wiemeyer SN, et al. **Arch Environ Contam Toxicol** 1984 Sep; 13(5):529-49

Assessment of chemicals affecting the male reproductive system. Dixon RL. **Arch Toxicol [Suppl]** 1984;7:118-27

Reproduction studies with mabuterol in rats. Ishizaki O, et al. **Arzneimittelforsch** 1984;34(11A):1687-90

A naturally occurring plant compound, 6-methoxybenzoxazolinone, stimulates reproductive responses in rats. Butterstein GM, et al. **Biol Reprod** 1985 Jun;32(5):1018-23

Effects of 1,2-dibromo-3-chloropropane on male reproductive function in the rat. Warren DW, et al. **Biol Reprod** 1984 Oct;31(3):454-63

The reproductive activity of autumn and spring-lambing ewes given bromocriptine during lactation. Pijoan PJ, et al. **Br Vet J** 1985 May-Jun;141(3):282-7

Changes in eggshell thickness during incubation: implications for evaluating the impact of organochlorine contaminants on productivity. Bunck CM, et al. **Bull Environ Contam Toxicol** 1985 Aug;35(2):173-82

Nest defense behavior and reproductive success of laughing gulls sublethally dosed with parathion. King KA, et al. **Bull Environ Contam Toxicol** 1984 Oct;33(4):499-504

Low concentration effects of endosulfan insecticide on reproductive behaviour in the tropical cichlid fish Sarotherodon mossambicus. Matthiessen P, et al. **Bull Environ Contam Toxicol** 1984 Nov;33(5):575-83

Parathion effects on reproductive characteristics and vital organ weights of female cottontail rabbits (Sylvilagus floridanus). Montz WE Jr, et al. **Bull Environ Contam Toxicol** 1984 Oct;33(4):484-90

Reproductive performance in dairy cows following postpartum treatment with gonadotrophin releasing hormone and/or prostaglandin: a field trial. Etherington WG, et al. **Can J Comp Med** 1984 Jul;48(3):245-50

Effects of gonadotrophin releasing hormone on reproductive performance of dairy cows with retained placenta. Leslie KE, et al. **Can J Comp Med** 1984 Oct;48(4):354-9

Current concepts in reproductive toxicology. Borzelleca JF. **Clin Lab Med** 1984 Sep;4(3):461-7

The influence of exogenous estradiol on bobwhite quail (Colinus virginianus) reproductive systems. Lien RJ, et al. **Comp Biochem Physiol** [A] 1985;80(3):433–6

Short-term test for predicting the potential of xenobiotics to impair reproductive success in fish. Landner L, et al. **Ecotoxicol Environ Safety** 1985 Jun;9(3):282–93

Reproductive toxicity of ethylene glycol monoethyl ether tested by continuous breeding of CD-1 mice. Lamb JC 4th, et al. **Environ Health Perspect** 1984 Aug;57:85–90

Reproductive toxicity of the industrial solvent 2-ethoxyethanol in rats and interactive effects of ethanol. Nelson BK, et al. **Environ Health Perspect** 1984 Aug; 57:255–9

Potential reproductive and postnatal morbidity from exposure to polychlorinated biphenyls: epidemiologic considerations. Rogan WJ, et al. **Environ Health Perspect** 1985 May;60:233–9 (52 ref.)

Results of testing fifteen glycol ethers in a short-term in vivo reproductive toxicity assay. Schuler RL, et al. **Environ Health Perspect** 1984 Aug;57:141–6

Identification and assessment of the effects of chemicals on reproduction and development (reproductive toxicology). Baeder C, et al. **Food Chem Toxicol** 1985 Mar;23(3):377–88

Reproduction in Fischer-344 rats exposed to methyl chloride by inhalation for two generations. Hamm TE Jr, et al. **Fundam Appl Toxicol** 1985 Jun;5(3):568–77

Teratology and reproduction studies with triclopyr in the rat and rabbit. Hanley TR Jr, et al. **Fundam Appl Toxicol** 1984 Oct;4(5):872–82

Chronic toxicity, reproductive, and teratogenic studies of hexazinone. Kennedy GL Jr, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):960–71

Two-generation reproduction study of ethylenediamine in Fischer 344 rats. Yang RS, et al. **Fundam Appl Toxicol** 1984 Aug;4(4):539–46

Prenatal effects of cimetidine [letter] Myerson RM, et al. **Gastroenterology** 1985 Feb;88(2):602–3

Effects of timed melatonin injections on reproduction in pinealectomized Peromyscus leucopus. Hall ES, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):407–14

Effects of plumbagin on reproductive function of male dog. Bhargava SK. **Indian J Exp Biol** 1984 Mar;22(3):153–6

Clinical applications of prostaglandins in swine. Dial GD. **J Am Vet Med Assoc** 1984 Dec 15;185(12):1523–30 (92 ref.)

Dose-response studies on male reproductive parameters in dogs with nafarelin acetate, a potent LHRH agonist. Vickery BH, et al. **J Androl** 1985 Jan–Feb;6(1):53–60

Effects of vitamin A and beta-carotene on reproductive performance in gilts. Brief S, et al. **J Anim Sci** 1985 Apr; 60(4):998–1004

Supplemental biotin for swine. II. Influence of supplementation to corn- and wheat-based diets on reproductive performance and various biochemical criteria of sows durihg four parities. Bryant KL, et al. **J Anim Sci** 1985 Jan;60(1):145–53

Reproductive performance of Holstein cows administered GnRH analog HOE 766 (Buserelin) 26 to 34 days postpartum. Cavestany D, et al. **J Anim Sci** 1985 Jul; 61(1):224–33

Folic acid and reproductive performances of sows. Matte JJ, et al. **J Anim Sci** 1984 Oct;59(4):1020–5

Progesterone responses to human chorionic gonadotropin in dairy cattle supplemented with beta-carotene. Bindas EM, et al. **J Dairy Sci** 1984 Dec;67(12):2978–85

On 'Protecting the reproductive health of workers: problems in science and public policy' [letter] Uzych L. **J Health Polit Policy Law** 1984 Summer;9(2):358–9

Hydroxylation of carbon-24 of 25-hydroxycholecalciferol is not necessary for normal embryonic development in chickens. Hart LE, et al. **J Nutr** 1984 Nov;114(11):2059–65

The effect of sulphaquinoxaline on the feeding and breeding performance of the tick Rhipicephalus appendiculatus Neumann (Acarina: Ixodidae). Punyua DK, et al. **J Parasitol** 1984 Oct;70(5):824–5

Effect of constant-release implants of melatonin on seasonal cycles in reproduction, prolactin secretion and moulting in rams. Lincoln GA, et al. **J Reprod Fertil** 1985 Jan; 73(1):241–53

Can neonatal beta-adrenergic stimulation prevent the effects of androgenization in female rats? Vidal MJ, et al. **J Steroid Biochem** 1985 May;22(5):677–9

Effect of dog food containing 460 ppm fluoride on rat reproduction. Marks TA, et al. **J Toxicol Environ Health** 1984;14(5–6):707–14

Developmental toxicity of nine selected compounds following prenatal exposure in the mouse: naphthalene, p-nitrophenol, sodium selenite, dimethyl phthalate, ethylenethiourea, and four glycol ether derivatives. Plasterer MR, et al. **J Toxicol Environ Health** 1985; 15(1):25–38

General reproduction, perinatal-postnatal, and teratology studies of nitrofurantoin macrocrystals in rats and rabbits. Prytherch JP, et al. **J Toxicol Environ Health** 1984; 13(4–6):811–23

Effects of toxic chemicals on the reproductive system. Council on Scientific Affairs. **JAMA** 1985 Jun 21; 253(23):3431–7

Effects of midecamycin acetate (miocamycin), a new macrolide antibiotic, on reproductive performances in rats and rabbits. Moriguchi M, et al. **Jpn J Antibiot** 1984 Aug; 37(8):1572–95

Leading work-related diseases and injuries--United States. **MMWR** 1985 Sep 6;34(35):537–40

Tests for dominant-lethal effects of 1,2-dibromo-3-chloropropane (DBCP) in male and female mice. Generoso WM, et al. **Mutat Res** 1985 Apr–May; 156(1–2):103–8

Acute, short-term, and chronic effects of marijuana on the female primate reproductive function. Smith CG, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984;44:82–96 (28 ref.)

The effects of neonatal capsaicin treatment on growth and subsequent reproductive function in the rat. Traurig H, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Sep; 327(3):254–9

Chronic blockade of opiate receptors: influence on reproduction and body weight in female rats. Pfeiffer DG, et al. **Neuropeptides** 1984 Dec;5(1–3):279–82

Effects of a short period exposure of fenitrothion on the reproduction of pregnant females of the guppy, Poecilia reticulata. Miyashita M. **Nippon Eiseigaku Zasshi** 1984 Aug; 39(3):647–50

Chemical teratogenesis and reproductive failure. Kurzel RB, et al. **Obstet Gynecol Surv** 1985 Jul;40(7):397–424 (180 ref.)

The effect of a purified water-soluble fraction of a Fusarium roseum 'Graminearum' culture on reproduction of white Leghorn females. Lee YW, et al. **Poult Sci** 1985 Jun; 64(6):1077–82

The relevance for man of animal data on reproductive toxicity of industrial chemicals. Sullivan FM, et al. **Prog Clin Biol Res** 1985;163B:301–5

Reproductive and developmental toxicity of metals. Clarkson TW, et al. **Scand J Work Environ Health** 1985 Jun;11(3 Spec No):145–54

Reproduction and fetal development in rats exposed to nitrous oxide. Mazze RI, et al. **Teratology** 1984 Oct; 30(2):259–65

Reproductive effects of inhaled methyl chloride in the male Fischer 344 rat. I. Mating performance and dominant lethal assay. Working PK, et al. **Toxicol Appl Pharmacol** 1985 Jan;77(1):133–43

Effects of fluoride on screech owl reproduction: teratological evaluation, growth, and blood chemistry in hatchlings. Hoffman DJ, et al. **Toxicol Lett** 1985 Jul;26(1):19–24

Adverse effects of butyl benzyl phthalate on the reproductive and hematopoietic systems of male rats. Agarwal DK, et al. **Toxicology** 1985 Jun 14;35(3):189–206

Teratogenesis and mutagenesis associated with the exposure of human males to lead: a review. Uzych L. **Yale J Biol Med** 1985 Jan–Feb;58(1):9–17

[Experimental assessment of the risk for offspring in lead exposure] Ivanova-Chemishanska L, et al. **Probl Khig** 1984; 9:79–87 (Eng. Abstr.) **(Bul)**

[Comparative studies of hormonal methods for affecting the reproductive functions of cows being raised by different technics] Kostov L, et al. **Vet Med Nauki** 1984;21(6):67–74 (Eng. Abstr.) **(Bul)**

[Reproductive conditioning of the partridge (Perdix perdix) with GnRH and an increase in the photoperiod] Minoia P, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1153–9 (Eng. Abstr.) **(Ita)**

[Action of the volatile components of the urine on the generative function of sexually immature male house mice Mus musculus L.] Novikov SN, et al. **Dokl Akad Nauk SSSR** 1985;281(6):1506–8 **(Rus)**

[Mechanisms of the inhibitory effect of clonidine on the reproductive system of female rats] Mikhaĭlevskaia LL, et al. **Farmakol Toksikol** 1984 Sep–Oct;47(5):77–81 (Eng. Abstr.) **(Rus)**

[Effect of the antiemetic preparation dimetpramid on rat reproductive function] Orlova TM, et al. **Farmakol Toksikol** 1985 Jan–Feb;48(1):62–6 (Eng. Abstr.) **(Rus)**

[Evaluation of the reproductive function of rats exposed to the insectic[illegible] neopinamine] Shepel'skaia NR. **Gig Sanit** 1985 Apr;(4):92–3 **(Rus)**

RADIATION EFFECTS

Refractoriness to inhibitory day lengths initiates the breeding season of the Suffolk ewe. Robinson JE, et al. **Biol Reprod** 1985 Jun;32(5):1024–30

Reproductive and genetic effects of continuous prenatal irradiation in the pig. Erickson BH, et al. **Teratology** 1984 Aug;30(1):99–106

REPRODUCTION, ASEXUAL see under **REPRODUCTION**

REPTILASE see under **PEPTIDE HYDROLASES**

REPTILES

Crocodile bile, a poison: myth or reality? Nyazema NZ. **Cent Afr J Med** 1984 Jun;30(6):102–3

Bites of venomous reptiles. Kunkel DB. **Emerg Med Clin North Am** 1984 Aug;2(3):563–77

Primary structure of helodermin, a VIP-secretin-like peptide isolated from Gila monster venom. Hoshino M, et al. **FEBS Lett** 1984 Dec 10;178(2):233–9

Epidemiologic aspects of salmonellosis in reptiles, amphibians, mollusks and crustaceans--a review. Minette HP. **Int J Zoonoses** 1984 Jun;11(1):95–104 (99 ref.)

Adenovirus-like infection in two Nile crocodiles. Jacobson ER, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1421–2

Diazepam and succinylcholine chloride for restraint of the American alligator. Spiegel RA, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1335–6

Anaesthetising reptiles [letter] Harper RC. **Vet Rec** 1984 Nov 3;115(18):475–6

ANATOMY & HISTOLOGY

Morphological study of the functional cycle of the secretory cells of the upper respiratory tract epithelium of amphibians and reptiles. Těšík I. **Folia Morphol (Praha)** 1984; 32(4):391–4

[Qualitative and quantitative comparative histologic study of the mesencephalic areas in 4 species of reptiles. I. Somatic, viscero-motor and somatosensory zones] Monzón M, et al. **Trab Inst Cajal Invest Biol** 1982;73(1–2):55–67 (Eng. Abstr.) **(Spa)**

GENETICS

Complete nucleotide sequences of three VH genes in Caiman, a phylogenetically ancient reptile: evolutionary diversification in coding segments and variation in the structure and organization of recombination elements. Litman GW, et al. **Proc Natl Acad Sci USA** 1985 Feb; 82(3):844–8

GROWTH & DEVELOPMENT

Brain evolution relating to family, play, and the separation call. MacLean PD. **Arch Gen Psychiatry** 1985 Apr; 42(4):405–17

IMMUNOLOGY

Inflammation induced by subcutaneous turpentine inoculation of young American alligators (Alligator mississippiensis). Mateo MR, et al. **Am J Vet Res** 1984 Sep;45(9):1870-5

METABOLISM

What transport adaptations enable mammals to absorb sugars and amino acids faster than reptiles? Karasov WH, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G271–83

Aerobic metabolism of American alligators, Alligator mississippiensis, under standard conditions and during voluntary activity. Lewis LY, et al. **Comp Biochem Physiol** [A] 1985;80(3):441–7

Muscle D-glyceraldehyde-3-phosphate dehydrogenase from Caiman sp. II New data for enzyme characterization. Vieira MM, et al. **Comp Biochem Physiol** [B] 1984;79(3):427-33

epsilon-Crystallin, a novel avian and reptilian eye lens protein. Stapel SO, et al. **Eur J Biochem** 1985 Feb 15; 147(1):129–36

In vitro synthesis of ACTH- and beta-endorphin-related substances in the pars distalis of Anolis carolinensis. Dores RM, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):90-9

MICROBIOLOGY

[Interrelation between invertebrates and tickborne encephalitis virus. Discussion. 4. Amphibians and reptiles] Gutova VP, et al. **Med Parazitol (Mosk)** 1985 Jan-Feb; (1):44–6 (Eng. Abstr.) **(Rus)**

PARASITOLOGY

Sebekiosis in captive alligator hatchlings. Boyce W, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1419–20

Parasitism by Placobdella multilineata (Hirudinoidea: Glossiphoniidae) and its first record from Asia. Yang T, et al. **J Parasitol** 1985 Feb;71(1):86–8

PHYSIOLOGY

Metabolic machinery of the alligator kidney. Lemieux G, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F686-93

Mechanics of the basilar membrane in Caiman crocodilus. Wilson JP, et al. **Hear Res** 1985 Apr;18(1):1–14

RESCINNAMINE see under **RESERPINE**

RESEARCH

see related
INFORMATION SERVICES
OPERATIONS RESEARCH

Addictions paradigms III: From theory-research to practice and back. Shaffer H, et al. **Adv Alcohol Subst Abuse** 1983-84 Fall–Winter;3(1–2):135–52

Directions for radiologic research [editorial] Taveras JM. **AJR** 1985 Oct;145(4):856

General Clinical Research Center. Twentieth anniversary celebration. **Ala J Med Sci** 1984 Apr;21(2 Suppl 2):2-3

The role of research in universities. Bartlett TA. **Ala J Med Sci** 1984 Apr;21(2 Suppl 2):9–13

Remarks at the 20th anniversary celebration of the General Clinical Research Center. Pickett BH. **Ala J Med Sci** 1984 Apr;21(2 Suppl 2):5–8

General Clinical Research Center. Pittman JA Jr. **Ala J Med Sci** 1984 Apr;21(2 Suppl 2):1

Programs and services for the deaf in the United States. Part IV. Research programs and services. **Am Ann Deaf** 1985 Apr;130(2):184–93

Report on Clinical Nutrition Research Units. Combs GF, et al. **Am J Clin Nutr** 1984 Oct;40(4):855–64

Counts, scales, and scores. Levels of observation. Brown

GW. **Am J Dis Child** 1985 Feb;139(2):147-51
Research--the cornerstone of pharmacy practice. Harvey A.K. Whitney lecture. Eckel FM. **Am J Hosp Pharm** 1985 Aug;42(8):1717-23
Source of papers contributed to ASHP Midyear Clinical Meetings, 1967-1982. Pearson RE, et al. **Am J Hosp Pharm** 1985 Feb;42(2):357-9
The institutionalization of occupational therapy research. Moersch MS. **Am J Occup Ther** 1984 Dec;38(12):820-5
The value of behavioral research on animals. Miller NE. **Am Psychol** 1985 Apr;40(4):423-40 (120 ref.)
Protection of human rights in research investigations [letter] Bruya MA. **Am Rev Respir Dis** 1985 Jun;131(6):966-7
Research for fun and profit [editorial] Krome RL. **Ann Emerg Med** 1985 Feb;14(2):184-5
Toward greater specificity in defining nursing's metaparadigm. Conway ME. **ANS** 1985 Jul;7(4):73-81
Critique of 'The use of animals in nursing research'. Crowley MA, et al. **ANS** 1985 Jul;7(4):23-31
Hallmarks of success in nursing research. Fawcett J. **ANS** 1984 Oct;7(1):1-11
Role of strategic communication in nursing theory and research. Kasch CR, et al. **ANS** 1984 Oct;7(1):56-71
Practical discourse in nursing: going beyond empiricism and historicism. Thompson JL. **ANS** 1985 Jul;7(4):59-71
Research projects. Obtaining AORN endorsement and funding. Baker JD. **AORN J** 1985 May;41(5):876, 878-9
Perioperative nursing research. Collaboration between clinical nurse and researcher. Larson E, et al. **AORN J** 1985 May;41(5):868, 870, 872-3
Position of the American Heart Association on research animal use. A statement for health professionals by a task force appointed by the Directors of the American Heart Association **Arteriosclerosis** 1985 May-Jun; 5(3):310A-310B
Asha interviews: Janis Costello, Jerry Punch, Teris Schery, Lawrence Shriberg [interview] Costello J, et al. **ASHA** 1984 Dec;26(12):27-31
Medical research in the next decade: a commentary. Kalucy RS. **Aust NZ J Med** 1984 Jun;14(3):285-9
Medical research and medical practice: new perspectives on the 'town' versus 'gown' dilemma. The 1984 George Adlington Syme Oration of the Royal Australasian College of Surgeons, 13 May 1984. Nossal GJ. **Aust NZ J Surg** 1984 Dec;54(6):505-8
Essentials of clinical pharmacology for education and research in developing countries [editorial] Richens A, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):123-5
Animal research: the experimental model. Frame JW. **Br J Oral Maxillofac Surg** 1984 Oct;22(5):341-8
Animal research: the law and ethics. Gracey JF. **Br J Oral Maxillofac Surg** 1984 Oct;22(5):349-51
The plain man's guide to research. Oral presentation of results. Hawkins C. **Br J Oral Maxillofac Surg** 1984 Oct; 22(5):365-7
The plain man's guide to research. The mathematics. Healy MJ. **Br J Oral Maxillofac Surg** 1984 Oct;22(5):330-5
The plain man's guide to research. Written presentation of results. Lock S. **Br J Oral Maxillofac Surg** 1984 Oct; 22(5):363-4
The plain man's guide to research. The philosophy. Moore JR. **Br J Oral Maxillofac Surg** 1984 Oct;22(5):315-21
The plain man's guide to research. The design. Poswillo D. **Br J Oral Maxillofac Surg** 1984 Oct;22(5):322-7
The plain man's guide to research. The money. Whitehead TP. **Br J Oral Maxillofac Surg** 1984 Oct;22(5):336-9
A survey of registrars undertaking general surgical research in the United Kingdom on 1 October 1983. Dehn TC, et al. **Br J Surg** 1985 Aug;7(8):668-71
Stagnation and despair in medical research [letter] **Br Med J [Clin Res]** 1985 Mar 16;290(6471):854-5
Stagnation and despair in medical research [editorial] Dickinson CJ. **Br Med J [Clin Res]** 1985 Feb 2; 290(6465):337-8
Research in general practice [editorial] Gibbins R. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1165-6
Research in general practice. Sources of advice. Stott NC, et al. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1198-200
The balance between research and medical education [letter] **Can Med Assoc J** 1985 Feb 1;132(3):233
The balance between research and medical education depends on scholarship [editorial] Burrow GN. **Can Med Assoc J** 1985 Mar 1;132(5):514-5
The use of animals in research. Gilmore A. **Can Med Assoc J** 1985 Mar 1;132(5):564-8, 570-1
Animal rights, academic freedom, and progress in biomedical research [editorial] Myers D. **Cancer Invest** 1984;2(6):497-8
Anticancer drug development--a challenge for industry and government. Carter SK, et al. **Cancer Treat Rev** 1984 Jun; 11(2):87-101
Limits to growth: In biology, small science is good science. Alberts BM. **Cell** 1985 Jun;41(2):337-8
Big may not be beautiful, but it is necessary [letter] Klein J. **Cell** 1985 Sep;42(2):395-6
In biology, neither smaller nor larger is necessarily better [letter] Schimmel P. **Cell** 1985 Aug;42(1):1
Position of the American Heart Association on the use of research animals. A statement for health professionals from a task force appointed by the Board of Directors of the American Heart Association. **Circ Res** 1985 Aug; 57(2):330-1
Cardiovascular medicine: opportunities for enhanced university-industry collaboration. November 1983, Newport Beach, California. **Circulation** 1985 Aug;72(2 Pt 2):I1-56
Position of the American Heart Association on research animal use. **Circulation** 1985 Apr;71(4):849A-50A
Academia-industry dialogue: a step toward mutual understanding. Becker RE. **Circulation** 1985 Aug;72(2 Pt 2):I53-6
Advances in research and escalating costs of patient care: summary. Bulkley BH. **Circulation** 1985 Apr;71(4):642-4
Academic-industrial relations in the United Kingdom. Dollery CT. **Circulation** 1985 Aug;72(2 Pt 2):I51-2
The pharmaceutical industry and academic medicine: opportunities for physician collaboration. Jefferis JE. **Circulation** 1985 Aug;72(2 Pt 2):I21-4
Academia-industry collaborative research programs--a legal perspective. Miller PS. **Circulation** 1985 Aug;72(2 Pt 2):I41-3
A university administrator's view of academia--industry collaboration. Mullins CB. **Circulation** 1985 Aug;72(2 Pt 2):I8-12
Shared responsibility in clinical research. Nightingale SL. **Circulation** 1985 Aug;72(2 Pt 2):I25-30
Industry and academia in collaboration: the Pfizer experience. Price FD. **Circulation** 1985 Aug;72(2 Pt 2):I13-7
Principles of partnership in research. Schlant RC. **Circulation** 1985 Aug;72(2 Pt 2):I18-20
The changing climate for cardiovascular research: stresses and opportunities. Sobel BE. **Circulation** 1985 Aug;72(2 Pt 2):I36-40
The pharmaceutical industry and academic medicine in collaboration. Wroblewski R. **Circulation** 1985 Aug;72(2 Pt 2):I3-7
Irvine H. Page lecture 1983. The future of clinical investigation. Wyngaarden JB. **Cleve Clin Q** 1984 Winter; 51(4):567-74
Protect the shifting paradigm: biomedical research and evolution. Bulkley BH. **Clin Res** 1984 Sep;32(3):354-9
Which insects are most used in physiological and biochemical research? Kerkut GA. **Comp Biochem Physiol [A]** 1985; 81(4):705-6
Establishing a medical research computer facility. Greenberg DA, et al. **Comput Biol Med** 1985;15(1):1-9
The American character and medical research. Hamilton MP. **Controlled Clin Trials** 1985 Mar;6(1):6-11
Research at the resident level: how much and what type? Philpott GW. **Curr Surg** 1984 Nov-Dec;41(6):433-5
The Admassu Teferra memorial lecture. 1985. Basic research: an international partnership toward health for all. Wallace CK. **Ethiop Med J** 1985 Jul;23(3):123-31
Multi-disciplinary research between natural and social sciences in general practice. Touw-Otten F, et al. **Fam Pract** 1985 Mar;2(1):42-5
Problems and possibilities in teratological research. Fanghänel J, et al. **Folia Morphol** 1984;43(2):91-7
Fetal research: the question in the states. Baron CH. **Hastings Cent Rep** 1985 Apr;15(2):12-6
Fetal research: the state of the question. Fletcher JC, et al. **Hastings Cent Rep** 1985 Apr;15(2):6-12
Should the Nazi research data be cited? Moe K. **Hastings Cent Rep** 1984 Dec;14(6):5-7
Position of the American Heart Association on research animal use. A statement for health professionals by a task force appointed by the Board of Directors of the American Heart Association. **Hypertension** 1985 Jul-Aug;7(4):655-6
Tempest in a p-pot? (editorial). Feinstein AR. **Hypertension** 1985 May-Jun;7(3 Pt 1):313-8
Directory of on-going research in cancer epidemiology 1984. Muir CS, et al. **IARC Sci Publ** 1984;(62):1-728
WHO's first research unit: immunology. Goodman H. **Int Nurs Rev** 1984 Nov-Dec;31(6):182-3
Deans identify factors which inhibit and facilitate nursing research. Copp LA. **J Adv Nurs** 1984 Sep;9(5):513-7
Clinical geriatric research: still in adolescence. Williams ME, et al. **J Am Geriatr Soc** 1984 Nov;32(11):851-7
Benefits derived from research on food animals. King NB. **J Am Vet Med Assoc** 1985 Feb 1;186(3):236-7
Beyond proforma consent for childhood cancer research. Leikin SL. **J Clin Oncol** 1985 Mar;3(3):420-8
View from the Nation's Capitol. Romansky MA. **J Clin Psychopharmacol** 1982 Aug;2(4):289-90
Accomplishments, opportunities, and challenges in oral health research. Genco RJ. **J Dent Res** 1985 Jul;64(7):952-3
From mice to men. Goldhaber P. **J Dent Res** 1985 Jul; 64(7):947-50
Statement on ethical conduct in research by the Infectious Diseases Society of America. **J Infect Dis** 1984 Nov; 150(5):792-3
Biomedical research: a great newspaper's feet of clay [editorial] Cooper JA. **J Med Educ** 1985 Apr;60(4):346-7
Experience with providing research opportunities for medical students. McPherson JR, et al. **J Med Educ** 1984 Nov;59(11 Pt 1):865-8
Comparison of research cost: man--primate animal--other animal models. Fitzgerald TA. **J Med Primatol** 1983; 12(3):138-45
Species of the genus Macaca (Cercopithecidea, primates) as research subjects in modern biology and medicine. Fridman EP, et al. **J Med Primatol** 1983;12(6):287-303
Primate research resources in the Soviet Union. Held JR, et al. **J Med Primatol** 1983;12(2):77-88
National and international services for primate animal research. Kalter SS. **J Med Primatol** 1983;12(3):146-54
Research management of the USSR medical primatology program. Lapin BA. **J Med Primatol** 1983;12(3):124-8
Research costs: man versus chimpanzee [letter] Prince AM. **J Med Primatol** 1984;13(4):231-4
Report of the Research Subcommittee of the Joint Committee on Education of the American Association of Neurological Surgeons and the Congress of Neurological Surgeons. **J Neurosurg** 1985 Jul;63(1):144-9
Developing a productive nursing research program in a clinical institution. Marchette L. **J Nurs Adm** 1985 Mar; 15(3):25-30
Research Proposal: The practical imagination at work. Skodol HW. **J Nurs Adm** 1985 Feb;15(2):5-7
Discovering research problems in health care organizations. Wilson HS. **J Nurs Adm** 1984 Oct;14(10):6-7
Disseminating research: the scholar's commitment. Wilson HS. **J Nurs Adm** 1985 Mar;15(3):6-8
Teaching nursing research by guided design: a pilot study. Selby ML, et al. **J Nurs Educ** 1985 Jun;24(6):250-2
Attitudes toward research among undergraduate nursing students. Swenson I, et al. **J Nurs Educ** 1984 Nov; 23(9):380-6
Preparing faculty to teach nursing research. VanBree NS. **J Nurs Educ** 1985 Feb;24(2):84-6
Microcomputers in clinical research: discussion paper. Ludman H. **J R Soc Med** 1985 Aug;78(8):651-5
Research on what? [editorial] Todd SP Jr, et al. **J Rehabil Res Dev** 1984 May;21(1):2-3
Regulatory considerations when children are involved as subjects in research. Porter JP. **J Sch Health** 1985 May; 55(5):175-8
Computers in paediatrics. 10. The use of micro-computers in paediatric research. Tay JS, et al. **J Singapore Paediatr Soc** 1984;26(1-2):41-50
Ethical considerations in research on wildlife diseases. Botzler RG, et al. **J Wildl Dis** 1985 Jul;21(3):341-5
Identifying priorities for prepared childbirth research. Thomas BS. **JOGN Nurs** 1984 Nov-Dec;13(6):400-8
Research with animals: requirement, responsibility, welfare. Uvarov O. **Lab Anim** 1985 Jan;19(1):51-75 (71 ref.)
Laboratory management of the ferret for biomedical research. Moody KD, et al. **Lab Anim Sci** 1985 Jun; 35(3):272-9 (59 ref.)
Need for 'deadaptation' of healthy research volunteers admitted to hospital [letter] Halbreich U, et al. **Lancet** 1985 Mar 30;1(8431):756
Distress of the Medical Research Council [letter] Swales JD. **Lancet** 1985 Feb 9;1(8424):342
The statistical content of published medical research: some implications for biomedical education. Colditz GA, et al. **Med Educ** 1985 May;19(3):248-55
Medical informatics is a research field. Gelernter D, et al. **Med Inf (Lond)** 1984 Jul-Dec;9(3-4):221
Privacy and medical research [editorial] Armstrong BK. **Med J Aust** 1984 Nov 10;141(10):620-1
Medical research: the new Hall Institute [editorial] Burnet M. **Med J Aust** 1985 Aug 19;143(4):138
Institute evolving [editorial] Doherty RL. **Med J Aust** 1985 Mar 18;142(6):336-7
A plea for medical research [editorial] Elliott PM, et al. **Med J Aust** 1984 Oct 13;141(8):484
The medical research institutes of Australia [editorial] Fenner F. **Med J Aust** 1985 Feb 4;142(3):171-2
Epidemiological research and privacy protection [editorial] Hayes R. **Med J Aust** 1984 Nov 10;141(10):621-4
Privacy and medical research [letter] Morgan J. **Med J Aust** 1985 Feb 18;142(4):280
The Walter and Eliza Hall Institute of Medical Research: 1915-1985. Nossal GJ. **Med J Aust** 1985 Aug 19; 143(4):153-7
The John Curtin School of Medical Research. Porter R. **Med J Aust** 1985 Feb 4;142(3):205-13
The Kanematsu Laboratories. Vincent PC. **Med J Aust** 1985 Apr 29;142(9):502-7
Starting to do research [editorial] Webster IW. **Med J Aust** 1985 Jun 10;142(12):624
The NCI's Cancer Centers Program: past, present, and future. Steckel RJ. **Med Pediatr Oncol** 1985;13(2):59-64
An appeal to embryologists [news] **Nature** 1985 Mar 7-13; 314(6006):11
Molecular science: Japan's next target--biology [news] Anderson A. **Nature** 1984 Nov 8-14;312(5990):90
Scientists' oath? [letter] Howard J. **Nature** 1984 Nov 8-14; 312(5990):96
UK biotechnology: advertisement sails near wind. [news] Maddox J. **Nature** 1984 Sep 27-Oct 3;311(5984):292
Human and animal rights [letter] Rosenzweig MR. **Nature** 1985 Feb 7-13;313(6002):425
Mistreatment of laboratory animals endangers biomedical research [news] Stevens C. **Nature** 1984 Sep 27-Oct 3; 311(5984):295-7
Science and politics. The background and the issues surrounding the controversial proposal for a National Institute of Nursing. Jacox AK. **Nurs Outlook** 1985 Mar-Apr;33(2):78-84
Health policy and NIH: implications for nursing research. Larson E. **Nurs Res** 1984 Nov-Dec;33(6):352-6
Reliability estimates: use and disuse. Lynn MR. **Nurs Res** 1985 Jul-Aug;34(4):254-6
Presentation of research findings: the poster session. Sexton DL. **Nurs Res** 1984 Nov-Dec;33(6):374-11

The review process: navigating the system. Billingsley M, et al. **Nurse Pract** 1985 Apr;10(4):30, 34

Industrial control of medical research [editorial] Furman S. **PACE** 1985 Jan;8(1):1-3

A note on interdisciplinary research in developmental/behavioral pediatrics/psychology. Ellison PH, et al. **Pediatrics** 1985 May;75(5):883-6

Holy dogs and the laboratory: some Canadian experiences with animal research. Russell JC, et al. **Perspect Biol Med** 1985 Spring;28(3):374-81

Backing the winners and the research infrastructure. Leliveld H. **Pharm Weekbl [Sci]** 1985 Apr 26;7(2):51-4

Two related works: Osler's 'Aequanimitas' and Bernard's 'An Introduction to the Study of Experimental Medicine'. Burger SR. **Pharos** 1985 Winter;48(1):6-8

Scripps Clinic and Research Foundation. A dynamic force in the health science industry [editorial] **Postgrad Med** 1985 Sep 1;78(3):13-5

The future of germfree research. Gustafsson BE. **Prog Clin Biol Res** 1985;181:17-23

Issues of conceptualization and measurement of social support in the construction of nursing theory. Tilden VP. **Res Nurs Health** 1985 Jun;8(2):199-206

The management structure for research in the RSA, with a proposed management model for medical faculties. Brink AJ, et al. **S Afr Med J** 1985 Feb 9;67(6):202-5

HHS revises rules on animal research [news] Holden C. **Science** 1985 May 17;228(4701):830

Reported laboratory frauds in biomedical sciences [letter] Stetten D Jr. **Science** 1984 Dec 21;226(4681):1374-6

Biomedical research: a future challenge for clinical departments. Kipnis DM. **Trans Assoc Am Physicians** 1983; 96:lxxx-lxxxvii

Need for research laboratories in university hospitals. Petersson PO. **Ups J Med Sci [Suppl]** 1982;40:3-4

Publication of experimental animal research: ethical aspects. **Vet Q** 1985 Apr;7(2):81-3

Ethics and laboratory animals. Cooper JE. **Vet Rec** 1985 Jun 1;116(22):594-5

[Medical research--are we in earnest?] Brink AJ. **S Afr Med J** 1985 Feb 9;67(6):199-201 (Eng. Abstr.) **(Afr)**

[Gnosiology and its effect on veterinary medical science] Kostadinov I, et al. **Vet Med Nauki** 1985;22(1):3-9 **(Bul)**

[The most important results of the Czech Ministry of Health research plan in 1983] Houštěk AJ, et al. **Cas Lek Cesk** 1984 Aug 24;123(34):1057-60 **(Cze)**

[For increased effectiveness in scientific research activity] Gazárek F. **Cesk Gynekol** 1984 Aug;49(7):465-8 (Eng. Abstr.) **(Cze)**

[Research activity in the primary health care system] Kamper-Jørgensen F. **Ugeskr Laeger** 1984 Jul 23; 146(30):2267-9 **(Dan)**

[INSERM--the elite of medicine and health research] Schneider RE. **Fortschr Med** 1984 Nov 8;102(41):100-1 **(Ger)**

[Drug research in the university and in industry] Forth W. **Naturwissenschaften** 1984 Sep;71(9):468-72 (Eng. Abstr.) **(Ger)**

[Data protection and medical research] Schweizer RJ. **Soz Praventivmed** 1984;29(6):281-6 (Eng. Abstr.) **(Ger)**

[Forensic medicine and clinical research] Berg S. **Z Rechtsmed** 1984;92(4):247-54 (Eng. Abstr.) **(Ger)**

['International cooperation in cancer research' research on radiation carcinogenicity] Kato H. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):585-8 (Eng. Abstr.) **(Jpn)**

[Research project of cancer chemotherapy] Ogawa M. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):595-600 (Eng. Abstr.) **(Jpn)**

[Cooperative research work between university hospitals and the pharmaceutical industry. With special reference to subspecialization within internal medicine and surgery] Burhol G. **Tidsskr Nor Laegeforen** 1985 Feb 28; 105(6):438-9 (Eng. Abstr.) **(Nor)**

[Methodological criteria for the choice of therapeutic procedures] Castelo Filho A, et al. **AMB** 1984 May-Jun; 30(5-6):115-20 (Eng. Abstr.) **(Por)**

[The medical experiment, its specific nature and essence] Cherkasov SV. **Vestn Akad Med Nauk SSSR** 1985;(5):69-74 **(Rus)**

[Observation--experimentation--requirements of research] Giačová D, et al. **Bratisl Lek Listy** 1985 Jan;83(1):63-7 (Eng. Abstr.) **(Slo)**

[Research in pediatric practice] Sarriá A. **An Esp Pediatr** 1984 Oct;21 Suppl 20:15-20 **(Spa)**

[The scientific work of students: its role in the formation of health professionals] Amador M, et al. **Educ Med Salud** 1984;18(4):344-58 (Eng. Abstr.) **(Spa)**

HISTORY

From plant physiology to human metabolic investigations. Lefebvre PJ. **Diabetologia** 1985 May;28(5):255-63

Research in nursing has a history. Wilson HS. **J Nurs Adm** 1984 Dec;14(12):4-5

The elusive target: truth in scientific reporting. Comments on error, self-delusion, deceit, and fraud. Szilagyi DE. **J Vasc Surg** 1984 Mar;1(2):243-53

The Queensland Institute of Medical Research. Kidson C. **Med J Aust** 1985 Mar 18;142(6):355-9

Medical student research in the 1940s. Graham JB. **NC Med J** 1985 Jun;46(6):365-7

The mouse in biomedical research. Jonas AM. **Physiologist** 1984 Oct;27(5):330-46

The road to worldwide prominence in medicine and research. Furthering Miss Scripps' mission [editorial] **Postgrad Med** 1985 Sep 1;78(3):15-6, 19

[Experimental method of Claude Bernard and its current importance for research studies in medicine] Kwiatkowski A. **Arch Hist Med (Warsz)** 1985;48(2):167-82 (Eng. Abstr.) **(Pol)**

METHODS

The nude mouse in cancer research. Giovanella BC, et al. **Adv Cancer Res** 1985;44:69-120 (278 ref.)

Quantitative trends in occupational therapy research: implications for practice and education. Ottenbacher K, et al. **Am J Occup Ther** 1985 Apr;39(4):240-6

Use of the life history in pattern identification and health promotion. Bramwell L. **ANS** 1984 Oct;7(1):37-44

Lost subjects. Source of bias in clinical research? Kokes RF, et al. **Arch Gen Psychiatry** 1977 Nov;34(11):1363-5

Estimation of a common effect parameter from sparse follow-up data. Greenland S, et al. **Biometrics** 1985 Mar; 41(1):55-68

Additional basic approaches in clinical research. Feinstein AR. **Clin Res** 1985 Apr;33(2 Pt 1):111-4

Outline to the investigation of an environmental exposure. Kanarek MS, et al. **Ecol Dis** 1983;2(4):409-10

Comparison of proportions based on the same or paired subjects. Radhakrishna S, et al. **Indian J Med Res** 1985 Apr;81:422-7

Research synthesis: the state of the art. Hedges LV. **Int J Aging Hum Dev** 1984;19(2):85-93

An examination of research priorities in nurse education. Rodgers JM. **J Adv Nurs** 1985 May;10(3):233-6

Intrasubject experimental designs in osteopathic medicine: applications in clinical practice. Keating JC Jr, et al. **J Am Osteopath Assoc** 1985 Mar;85(3):192-203

Field Methods: Research in the natural setting. Wilson HS. **J Nurs Adm** 1985 Apr;15(4):5-7

Qualitative studies: from observations to explanations. Wilson HS. **J Nurs Adm** 1985 May;15(5):8-10

Guiding students in theory development through conceptual mapping. Artinian BM. **J Nurs Educ** 1985 Apr;24(4):156-8

Use and misuse of an imprecise concept: alternative methods in animal experiments. Weihe WH. **Lab Anim** 1985 Jan; 19(1):19-26

Medical research in Malaysia. Chandrasekharan N. **Med J Malaysia** 1984 Mar;39(1):1-4

The perils and joys of collaborative research. Lancaster J. **Nurs Outlook** 1985 Sep-Oct;33(5):231-2, 238

Approaches to cleaning data sets: a technical comment. Barhyte DY, et al. **Nurs Res** 1985 Jan-Feb;34(1):62-4

Qualitative vs. quantitative research or qualitative and quantitative research? Goodwin LD, et al. **Nurs Res** 1984 Nov-Dec;33(6):378-80

Assessment of physical activity in epidemiologic research: problems and prospects. LaPorte RE, et al. **Public Health Rep** 1985 Mar-Apr;100(2):131-46 (88 ref.)

Measuring the reliability of clinical data: the case for using three observers. Walter SD. **Rev Epidemiol Sante Publique** 1984;32(3-4):206-11

Appropriate research for primary health care: an anthropologist's view. Buzzard S. **Soc Sci Med** 1984; 19(3):273-7

[General observations on statistical tests of hypothesis] Lapointe C. **Union Med Can** 1984 Aug;113(8):678-82 (Eng. Abstr.) **(Fre)**

[Methods of study of the nervous system described in recent patent materials] Antonova KP, et al. **Gig Tr Prof Zabol** 1984 Dec;(12):59-62 **(Rus)**

[Various possibilities for using computer dialogs in biomedical research] Smirnova TM. **Kosm Biol Aviakosm Med** 1984 Jul-Aug;18(4):16-9 (Eng. Abstr.) **(Rus)**

[Methodology research. Bias I: Definitions and occurrence in controlled tests] Forrest M, et al. **Nord Med** 1985; 100(1):20-1, 28 **(Swe)**

STANDARDS

Statistical and research quality of the medical and pharmacy literature. Thorn MD, et al. **Am J Hosp Pharm** 1985 May; 42(5):1077-82

Current NIH perspectives on misconduct in science. Miers ML. **Am Psychol** 1985 Jul;40(7):831-5

Critiquing research. Steps for complete evaluation of an article. Soeken KL. **AORN J** 1985 May;41(5):882-3, 886-7, 890-3

Responsibility in the use of personal medical information for research: principles and guide to practice. Statement by the Medical Research Council. **Br Med J [Clin Res]** 1985 Apr 13;290(6475):1120-4

Restoring the balance between research and medical education [editorial] Ginsburg AD. **Can Med Assoc J** 1984 Nov 15;131(10):1195-6

Institutional review boards and collaborations between academia and industry: some counterproductive policies and practices. Levine RJ. **Circulation** 1985 Aug;72(2 Pt 2):I48-50

Survey of sampling techniques in widowhood research, 1973-1983. Gentry M, et al. **J Gerontol** 1985 Sep; 40(5):641-3

Research and responsibility. Lawrence DJ. **J Manipulative Physiol Ther** 1984 Sep;7(3):179-81

Government regulation of nonhuman primate facilities. Meyers NM. **J Med Primatol** 1983;12(4):169-83

Research in the clinical setting: potential barriers to implementation. Sayner NC. **J Neurosurg Nurs** 1984 Oct; 16(5):279-81

Epidemiological research, interest groups, and the review process. Soskolne CL. **J Public Health Policy** 1985 Jun; 6(2):173-84

Animal care at a research laboratory [letter] Slaney G. **Lancet** 1985 Mar 23;1(8430):699

[Medical ethics and scientific research] Thomas R. **Arch Belg** 1984;42(7-8):390-9 **(Fre)**

[Mechanisms of control in scientific research] Dolara A. **G Ital Cardiol** 1984 Aug;14(8):583-5 **(Ita)**

[Automated system for evaluating the activities of scientific institutions] Libenson VS, et al. **Sov Zdravookhr** 1984; (11):27-33 (Eng. Abstr.) **(Rus)**

RESEARCH DESIGN

Methodologic considerations in comparing imaging methods. Gelfand DW, et al. **AJR** 1985 Jun;144(6):1117-21

Hypnotizability and volunteering for hypnosis experiments. Brodsky AM, et al. **Am J Clin Hypn** 1984 Jan;26(3):206-11

Eating in the laboratory: is it representative? Obarzanek E, et al. **Am J Clin Nutr** 1985 Aug;42(2):323-8

2 X 2 tables. Brown GW. **Am J Dis Child** 1985 Apr; 139(4):410-6

Writing a scientific paper prior to the research. Babbs CF, et al. **Am J Emerg Med** 1985 Jul;3(4):360-3

Controlled clinical trials in emergency medicine. Brown CG, et al. **Am J Emerg Med** 1985 Jan;3(1):67-73

Clinicians and research [editorial] White JD. **Am J Emerg Med** 1985 Jan;3(1):88

A simple randomized response device. Comstock GW, et al. **Am J Epidemiol** 1985 Jul;122(1):187-90

The Foundation. Collaborative research. Mayberry W, et al. **Am J Occup Ther** 1985 Jan;39(1):52-3

Strategies for evaluating clinical change: implications for practice and research. Ottenbacher K, et al. **Am J Occup Ther** 1984 Oct;38(10):647-59

Understanding theory: the first step in learning about research. Reed KL. **Am J Occup Ther** 1984 Oct; 38(10):677-82

Study design in perinatal medicine. Noller KL, et al. **Am J Perinatol** 1985 Jul;2(3):250-5

Ever more statistics [editorial] Pace NL. **Anesth Analg** 1985 Jun;64(6):561-2

Volunteer bias in erotica research: effects of intrusiveness of measure and sexual background. Wolchik SA, et al. **Arch Sex Behav** 1985 Apr;14(2):93-107

Developing a hypothesis. A question about herpes zoster. Dickinson JA. **Aust Fam Physician** 1984 Oct;13(10):770-1

Perpendicular distance models for line transect sampling. Buckland ST. **Biometrics** 1985 Mar;41(1):177-95

Analysis of incomplete multivariate data from repeated measurement experiments. Crépeau H, et al. **Biometrics** 1985 Jun;41(2):505-14

Multivariate slope ratio assay with repeated measurements. Hui SL, et al. **Biometrics** 1985 Mar;41(1):11-8

Maximum likelihood estimation of variance components for a multivariate mixed model with equal design matrices. Meyer K. **Biometrics** 1985 Mar;41(1):153-65

Investigating maximum power losses in survival studies with nonstratified randomization. Palta M. **Biometrics** 1985 Jun; 41(2):497-504

The bias due to incomplete matching. Rosenbaum PR, et al. **Biometrics** 1985 Mar;41(1):103-16

On pooling across strata when frequency matching has been followed in a cohort study. Weinberg CR. **Biometrics** 1985 Mar;41(1):117-27

What to do with that great idea/observation: research design. Schmerler S. **Birth Defects** 1984;20(6):120-9

The plain man's guide to research. The design. Poswillo D. **Br J Oral Maxillofac Surg** 1984 Oct;22(5):322-7

Applying results of randomised trials to clinical practice: impact of losses before randomisation. Charlson ME, et al. **Br Med J [Clin Res]** 1984 Nov 10;289(6454):1281-4

Design and interpretation of clinical trials [letter] Pollock AV, et al. **Br Med J [Clin Res]** 1985 Jan 19;290(6463):243

Methodological problems in studies of burn survivors and their psychosocial prognosis. Eyles P, et al. **Burns Incl Therm Inj** 1984 Aug;10(6):427-33

Interrelationship of cancer control and clinical research in the community. Enck RE. **CA** 1984 Nov-Dec;34(6):340-4

The randomized clinical trial: panacea or placebo? [editorial] Fyfe IM. **Can Med Assoc J** 1984 Dec 1;131(11):1336-9

Design of phase I and II clinical trials in cancer: a statistician's view. Geller NL. **Cancer Invest** 1984;2(6):483-91

Issues in the design of future preventive medicine studies. Russell LB. **Ciba Found Symp** 1985;110:203-17

Nonparametric methods. Clinical applications. Brown GW, et al. **Clin Pediatr (Phila)** 1985 Sep;24(9):490-8

Changing the protocol: a case report from the Macular Photocoagulation Study. Macular Photocoagulation Study Group. **Controlled Clin Trials** 1984 Sep;5(3):203-16

Adaptive allocation in randomized controlled trials. Birkett NJ. **Controlled Clin Trials** 1985 Jun;6(2):146-55

Designs for group sequential tests. Fleming TR, et al.

Controlled Clin Trials 1984 Dec;5(4):348–61

Specificity, sensitivity, and prevalence in the design of randomized trials: a univariate analysis. Hallstrom AP, et al. **Controlled Clin Trials** 1985 Jun;6(2):128–35

Conference on insulin pump therapy in diabetes. Multicenter study of effect on microvascular disease. Origin and design of the Kroc Collaborative Study. Champion MC, et al. **Diabetes** 1985 Aug;34 Suppl 3:5–12

National Institutes of Health phase I, Small Business Innovation Research applications: fiscal year 1983 results. Vener KJ. **Fed Proc** 1985 Aug;44(11):2679–84

Uses of the case-control and cohort epidemiological approaches in cardiology practice and research. Goldberg RJ, et al. **Int J Cardiol** 1985 Apr;7(4):439–46

A regression approach to the analysis of data arising from cluster randomization. Donner A. **Int J Epidemiol** 1985 Jun;14(2):322–6

Methodological issues in case-control studies. III--The effect of joint misclassification of risk factors and confounding factors upon estimation and power. Fung KY, et al. **Int J Epidemiol** 1984 Sep;13(3):366–70

The design of case-control studies: the influence of confounding and interaction effects. Smith PG, et al. **Int J Epidemiol** 1984 Sep;13(3):356–65

New techniques: multidimensional analyses of taste responsiveness. Drewnowski A. **Int J Obes** 1984; 8(5):599–607

Multi-institutional randomized clinical trials as a research method in cancer. Ortiz HG. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):1053–6

Septic shock in colony bred puppies versus random source puppies. Coran AG, et al. **Int Surg** 1984 Apr–Jun; 69(2):107–12

Research in infantile autism: a methodological problem in using language comprehension as the basis for selecting matched controls. Tsai LY, et al. **J Am Acad Child Psychiatry** 1984 Nov;23(6):700–3

The need for randomized control trials. Chalmers TC. **J Clin Apheresis** 1984;2(1):105–11

Comparison of several regression procedures for method comparison studies and determination of sample sizes. Application of linear regression procedures for method comparison studies in Clinical Chemistry, Part II. Passing H, et al. **J Clin Chem Clin Biochem** 1984 Jun;22(6):431–45

Selection bias in clinical trials. Antman K, et al. **J Clin Oncol** 1985 Aug;3(8):1142–7

Sample attrition and multivariate analysis in the Retirement History Study. Goudy WJ. **J Gerontol** 1985 May; 40(3):358–67

The multiple baseline across subjects design: proposed use in research. Center DB, et al. **J Manipulative Physiol Ther** 1984 Dec;7(4):231–6

Study designs: matching form with purpose. Wilson HS. **J Nurs Adm** 1985 Jan;15(1):7–8

Obtaining occupational exposure histories in epidemiologic case-control studies. Gérin M, et al. **J Occup Med** 1985 Jun;27(6):420–6

The effect of subsampling sites within patients. Laster LL. **J Periodont Res** 1985 Jan;20(1):91–6

Randomized clinical trials need to be more clinical [editorial] Morgan PP. **JAMA** 1985 Mar 22–29;253(12):1782–3

Double-blind as a BHAT [letter] Spodick DH. **JAMA** 1985 Aug 9;254(6):755

Bell's palsy: the steroid controversy revisited. Burgess LP, et al. **Laryngoscope** 1984 Nov;94(11 Pt 1):1472–6

Simplicity--the key to fruitful medical research. Temple NJ. **Med Hypotheses** 1985 Jun;17(2):139–45

Cautions on correlation [letter] Charles B, et al. **Med J Aust** 1985 Sep 16;143(6):263–4

Statistical concepts fundamental to investigations. Moses LE. **N Engl J Med** 1985 Apr 4;312(14):890–7

Flexner and Goldmark: why the difference in impact? Garling J. **Nurs Outlook** 1985 Jan–Feb;33(1):26–31

Some methodological issues in chronic illness research. Sexton DL. **Nurs Res** 1983 Nov–Dec;32(6):378–80

Computer-simulated physiology experiments: where are we coming from and where might we go? Michael JA. **Physiologist** 1984 Dec;27(6):434–6

Misinterpretations of results and creation of 'artifacts' in studies on developmental toxicity using systems simpler than in vivo systems. Neubert D, et al. **Prog Clin Biol Res** 1985;171:241–66 (20 ref.)

Comment on Belden, Braukmann, and Wolf. Cummings NA. **Psychol Rep** 1985 Jun;56(3):874

Repeated measures, interventions, and time series analysis. Jones RH. **Psychoneuroendocrinology** 1985;10(1):5–14

Development of guidelines for field testing of plants modified by recombinant DNA techniques. Milewski E, et al. **Recomb DNA Tech Bull** 1984 Sep;7(3):114–24

Factors influencing the sample size, exemplified by studies on gastroduodenal tolerability of drugs. Larsen S, et al. **Scand J Gastroenterol** 1985 May;20(4):395–400

Allocation of treatment to patients when not all balancing factors are known to the co-ordinating centre. van Lier HJ, et al. **Stat Med** 1984 Jul–Sep;3(3):219–24

2nd International symposium of the Society of Toxicologic Pathologists. Design of carcinogenicity studies: considerations in pathology interpretation. May 9–11, 1983, Arlington, Virginia. **Toxicol Pathol** 1983;11(1):28–95

2nd International symposium of the Society of Toxicologic Pathologists. Design of carcinogenicity studies: considerations in pathology interpretation. May 9–11, 1983, Arlington, Virginia. **Toxicol Pathol** 1983;11(2):132–207

Design of carcinogenicity studies: a backward glance. Diener R. **Toxicol Pathol** 1983;11(1):37–40

Statistical issues in the design and analysis of carcinogenicity bioassays. Hajian G. **Toxicol Pathol** 1983;11(1):83–9

Initiation/promotion designs in carcinogenicity bioassays. Hayashi Y. **Toxicol Pathol** 1983;11(2):143–8

Advances in the design and reporting of conventional carcinogenicity tests. Hess R, et al. **Toxicol Pathol** 1983; 11(1):41–7

[Controlled therapeutic trial: the value of precisely defining the methodology (letter)] Muller A. **Ann Fr Anesth Reanim** 1985;4(3):325–6 **(Fre)**

[Polydiagnostic approach in psychiatric research] Berner P, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):825–31 **(Fre)**

[Recording of clinical data: choice of methods of collection and natures of the research project] Chanoit PF, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):795–801 **(Fre)**

[Ethics of randomization] Arpaillange P, et al. **Biomed Pharmacother** 1984;38(9–10):426–9 **(Fre)**

[Problems of multiple tests and evaluations in drug research] Forst HT. **Arzneimittelforsch** 1985;35(3):563–9 (Eng. Abstr.) **(Ger)**

[The role of significant tests in drug research. A comment on the work of Forst, 'Problems of multiple tests and evaluations in drug research'] Schneider B. **Arzneimittelforsch** 1985;35(3):568–9 **(Ger)**

[Technical possibilities of experimentation, registration and surgery for solving chronobiological problems in animal experiments] Peschke E, et al. **Gegenbaurs Morphol Jahrb** 1985;131(1):19–30 (Eng. Abstr.) **(Ger)**

[Guidelines of the Working Group on Internal Oncology for drawing up protocols for phase II testing of cytostatic drugs] **Onkologie** 1985 Apr;8(2):133–6 (Eng. Abstr.) **(Ger)**

[Biotests--current status and development: tests using fish--effect-related biotest methods--ecological tests] Hansen PD. **Schriftenr Ver Wasser Boden Lufthyg** 1984; 57:109–17 **(Ger)**

[Clinical intervention trials: planning, performance and interpretation] Elmfeldt D. **Boll Soc Ital Cardiol** 1984 Jan–Feb;29(1–2):43–51 (Eng. Abstr.) **(Ita)**

[Design of experiments and algebraic cycles] Matsui K. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):249–53 (Eng. Abstr.) **(Jpn)**

STANDARDS

A methodological review of case studies published in the American Journal of Clinical Hypnosis. Nugent WR. **Am J Clin Hypn** 1985 Apr;27(4):191–200 (17 ref.)

Monitoring clinical research. A report from the Childrens Cancer Study Group. Stowe SM, et al. **Am J Clin Oncol** 1984 Oct;7(5):557–66

Ethics in epidemiologic studies [letter] **Am J Psychiatry** 1985 Apr;142(4):515–6

Informed consent as a form of volunteer bias. Edlund MJ, et al. **Am J Psychiatry** 1985 May;142(5):624–7

Danish data show weak genetic factor [letter] Lidz T. **Am J Psychiatry** 1984 Oct;141(10):1308–9

Flaws found in Chowchilla study [letter] Weisbrot DM. **Am J Psychiatry** 1984 Dec;141(12):1644–5

Multiple comparison procedures in the analysis of designed experiments [letter] Plummer JL. **Anesthesiology** 1985 Jan; 62(1):97–8

Methodology reporting in three acute care journals: replication and reliability. Brown CG, et al. **Ann Emerg Med** 1985 Oct;14(10):986–91

Medication regimen: a subject characteristic rarely reported in behavior modification studies. Poling A, et al. **Appl Res Ment Retard** 1985;6(1):71–7

When was a 'negative' clinical trial big enough? How many patients you needed depends on what you found. Detsky AS, et al. **Arch Intern Med** 1985 Apr;145(4):709–12

Interpretation and presentation of results. Chickens will come home to roost. Beattie A, et al. **Aust Fam Physician** 1984 Jun;13(6):429–30

Expectancy bias in behavioral observations of therapeutic outcome: an experimental analysis of treatment and halo effects. Michelson L, et al. **Behav Res Ther** 1985; 23(4):407–14

Grading clinical research: a midterm report card [editorial] Schechter MT, et al. **Can Med Assoc J** 1984 Nov 1; 131(9):1025–7

Reading between the lines of clinical trials--II: Analysis. **Drug Ther Bull** 1985 Jan 28;23(2):5–7

Reading between the lines of clinical trials--I: Design. **Drug Ther Bull** 1985 Jan 14;23(1):1–3

Designing nursing research: the qualitative-quantitative debate. Duffy ME. **J Adv Nurs** 1985 May;10(3):225–32

Comment on 'Hyperactivity: nature of the syndrome and its natural history' [letter] Sandberg S. **J Autism Dev Disord** 1985 Jun;15(2):229–33

Experimental requirements and scientific principles in case-control studies. Feinstein AR. **J Chronic Dis** 1985; 38(2):127–33

Blindness and the validity of the double-blind procedure. Hughes JR, et al. **J Clin Psychopharmacol** 1985 Jun; 5(3):138–42

Selection bias in clinical research: the land outside the tower [editorial] Gehlbach SH. **J Fam Pract** 1985 May; 20(5):433–4

Weighted versus unweighted life event scores: is there a difference? Zimmerman M. **J Human Stress** 1983 Dec; 9(4):30–5

'Truth in packaging?' The unwrapping of epidemiologic research. Lanes SF, et al. **J Occup Med** 1984 Aug; 26(8):571–4

Assessment of double-blindness at the conclusion of the beta-Blocker Heart Attack Trial. Byington RP, et al. **JAMA** 1985 Mar 22–29;253(12):1733–6

Manuscript review from a statistician's perspective [editorial] Vaisrub N. **JAMA** 1985 Jun 7;253(21):3145–7

Disease associations: need for increased scrutiny of the literature [editorial] Ragozzino MW, et al. **Mayo Clin Proc** 1984 Oct;59(10):719–21

Admission criteria for immunogerontological studies in man: the SENIEUR protocol. Ligthart GJ, et al. **Mech Ageing Dev** 1984 Nov;28(1):47–55

Choosing the correct unit of analysis in Medical Care experiments. Whiting-O'Keefe QE, et al. **Med Care** 1984 Dec;22(12):1101–14

Integrity of treatment in special education research. Salend SJ. **Ment Retard** 1984 Dec;22(6):309–15

A classification for biomedical research reports. Bailar JC 3d, et al. **N Engl J Med** 1984 Dec 6;311(23):1482–7

Recommendations for appropriate statistical practice in toxicologic experiments. Muller KE, et al. **Neurotoxicology (Park Forest II)** 1984 Summer;5(2):113–25

Coronary bypass [letter] Barnyk MA. **Nurs Res** 1985 Jan–Feb;34(1):65

Validity, reliability, and neither. Knapp TR. **Nurs Res** 1985 May–Jun;34(3):189–92

Evaluating research literature: the educated clinician. Domholdt EA, et al. **Phys Ther** 1985 Apr;65(4):487–91

Informed consent as a source of bias in clinical research. Schubert DS, et al. **Psychiatry Res** 1984 Aug;12(4):313–20

Reading level design: conceptual and methodological issues in reading research. Backman JE, et al. **Psychol Bull** 1984 Nov;96(3):560–8

RESEARCH, HEALTH SERVICES see **HEALTH SERVICES RESEARCH**

RESEARCH INSTITUTES see **ACADEMIES AND INSTITUTES**

RESEARCH PERSONNEL

Note on the recruitment of subjects for mental retardation research. Siegel PS, et al. **Am J Ment Defic** 1985 Jan; 89(4):431–3

The pharmaceutical industry and academic medicine: opportunities for physician collaboration. Jefferis JE. **Circulation** 1985 Aug;72(2 Pt 2):I21–4

Researchers' access to patient records: an analysis of the ethical problems. Appelbaum PS, et al. **Clin Res** 1984 Oct; 32(4):399–403

View from the Nation's Courts. Freishtat HW. **J Clin Psychopharmacol** 1982 Aug;2(4):290–2

Four years' experience with a fellowship program for dental quality studies. O'Shea RM, et al. **J Dent Educ** 1984 Dec; 48(12):649–52

Clinicians' expectations influence placebo analgesia [letter] Gracely RH, et al. **Lancet** 1985 Jan 5;1(8419):43

The centripetal effect of the clinician investigator. Ferris TF. **Pharos** 1984 Summer;47(3):27–31

Measuring the reliability of clinical data: the case for using three observers. Walter SD. **Rev Epidemiol Sante Publique** 1984;32(3–4):206–11

[Contribution of Kazakhstan scientists toward improving the effectiveness of public health services] Dauletbakova MI. **Sov Zdravookhr** 1985;(3):36–40 **(Rus)**

EDUCATION

The support of clinical research and training by the National Institutes of Health. Introduction to the symposium. Wyngaarden JB. **Arch Intern Med** 1985 Jul;145(7):1241–4

[Scientific research and training of research personnel in surgery in the Ukraine] Perekhrestenko PM, et al. **Klin Khir** 1985 Feb;(2):1–5 **(Rus)**

[Scientific methodological team of organizers of inventive and rational work] Mel'nichuk AN, et al. **Voen Med Zh** 1984 Aug;(8):78–80 **(Rus)**

PSYCHOLOGY

Where do medically qualified researchers come from? Wakeford R, et al. **Lancet** 1985 Aug 3;2(8449):262–5

Extraordinary attributes [letter] Roncoli M. **Nurs Res** 1985 Jan–Feb;34(1):65

SUPPLY & DISTRIBUTION

Physician investigators for academic medicine [editorial] Burns TW. **Ann Intern Med** 1984 Nov;101(5):708–9

Personnel needs for clinical research: role of the clinical investigator. Kelley WN. **Clin Res** 1985 Apr;33(2 Pt 1):100–4

The Mentor Apprentice Program--a modest proposal for alleviating the scarcity of clinical researchers in dentistry. Neidle EA. **J Dent Educ** 1985 May;49(5):272–4

The underrepresented in graduate medical education and medical research. Pinn VW. **J Natl Med Assoc** 1984 Sep;

76(9):857–62
Where have all the surgeons gone? [editorial] Longmire WP Jr. **Surg Gynecol Obstet** 1985 Feb;160(2):157–9

RESEARCH SUPPORT

Science and government. A federal agency perspective. Wyngaarden JB. **Am Psychol** 1984 Sep;39(9):1053–5
NIH problems are our problems [editorial] Cherniack RM. **Am Rev Respir Dis** 1985 May;131(5):671
Sabbaticals for nurses––more than a break from the routine [editorial] Palmer PN. **AORN J** 1985 Jun;41(6):1000, 1002
The support of clinical research and training by the National Institutes of Health. Introduction to the symposium. Wyngaarden JB. **Arch Intern Med** 1985 Jul;145(7):1241–4
Grant application and review procedures of the National Institute of Handicapped Research: survey of applicant and peer reviewer opinions. Fuhrer MJ, et al. **Arch Phys Med Rehabil** 1985 May;66(5):318–21
The plain man's guide to research. The money. Whitehead TP. **Br J Oral Maxillofac Surg** 1984 Oct;22(5):336–9
National Institutes of Health phase I, Small Business Innovation Research applications: fiscal year 1983 results. Vener KJ. **Fed Proc** 1985 Aug;44(11):2679–84
The National Institutes of Health grant mechanisms for gastrointestinal endoscopic research. Murphy DG, et al. **Gastrointest Endosc** 1985 Feb;31(1):42–6
Science for health in the future. Hamburg DA, et al. **Health Aff (Millwood)** 1984 Winter;3(4):94–109
Constrained resources in medical education and research. Heyssel R. **Health Aff (Millwood)** 1984 Winter;3(4):110–6
Organizationally sponsored health services research. Lovett JE, et al. **Health Serv Res** 1985 Feb;19(6 Pt 1):667–74
The parallels between diagnostic and therapeutic research. Steckel RJ. **Invest Radiol** 1985 May–Jun;20(3):235–6
The funding market for nursing research. Salter B. **J Adv Nurs** 1985 Mar;10(2):155–63
Using economic analysis to determine the resource consequences of choices made in planning clinical trials. Detsky AS. **J Chronic Dis** 1985;38(9):753–65
Long–term funding for epidemiologic research [editorial] Siemiatycki J. **J Chronic Dis** 1985;38(3):211–2
Fostering conditions that inspire inquiry. Wilson HS. **J Nurs Adm** 1985 Jun;15(6):8–9
Funding of surgical research: the roles of government and industry. Report of the Committee on Issues of the Association for Academic Surgery. Rikkers LF, et al. **J Surg Res** 1985 Sep;39(3):209–15
Small business innovation research program: a federal government program. Geddes LA. **Med Instrum** 1985 Jan–Feb;19(1):19–20
Airways disease [letter] Shroot AD. **Med J Aust** 1985 Aug 5;143(3):127–8
The budget and medical research [letter] Travers DB. **Med J Aust** 1985 Mar 4;142(5):326
Research responsibility [editorial] **Nature** 1985 Aug 1–7;316(6027):380
US science budget. Deficit–cutting means freeze [news] Beardsley T. **Nature** 1985 May 2–8;315(6014):6
More US funds for AIDS [news] Beardsley T. **Nature** 1985 Aug 1–7;316(6027):384
NSF. Change of direction afoot [news] Beardsley T. **Nature** 1985 Sep 5–11;317(6032):3
US health research: NIH further subdivided [news] Beardsley T. **Nature** 1984 Oct 18–24;311(5987):596
NIH research: reducing grant–writing burden [news] Beardsley T. **Nature** 1984 Nov 29–Dec 5;312(5993):391
US medical research: Hughes tops league of US charities [news] Budiansky S. **Nature** 1985 Jun 13–19;315(6020):531
Medical shoestring pared down [news] Maddox J. **Nature** 1984 Oct 25–31;311(5988):693
Cancer research, education, welfare, investment [letter] Wilkins RJ. **NZ Med J** 1984 Nov 14;97(767):784
The Medical Research Advisory Committee and health–related research in Papua New Guinea [editorial] Alpers M. **Papua New Guinea Med J** 1984 Jun;27(2):59–60
Growth and development of pediatric research. Stiehm ER. **Pediatr Res** 1985 Jun;19(6):593–8
Address of the president. Sir Andrew Huxley, O.M. at the anniversary meeting, 30 November 1984. Award of medals 1984. Andrew H. **Proc R Soc Lond [Biol]** 1985 Feb 22; 223(1233):403–16
Ownership of inventions from federally funded research. Karny GM. **Recomb DNA Tech Bull** 1984 Sep;7(3):125–9
Research costs [letter] **Science** 1985 Jun 7;228(4704):1142, 1144
Deal struck on NIH grants [news] Culliton BJ. **Science** 1985 May 24;228(4702):970
HHS halts animal experiment [news] Culliton BJ. **Science** 1985 Aug 2;229(4712):447–8
NIH to award 2200 new grants [news] Culliton BJ. **Science** 1985 Sep 6;229(4717):947
AIDS amendment angers cancer institute [news] Culliton BJ. **Science** 1984 Nov 30;226(4678):1056
NIH proposes extending life of grants [news] Culliton BJ. **Science** 1984 Dec 21;226(4681):1400–2
OMB directive will cost NIH loss of 1500 grants [news] Culliton BJ. **Science** 1985 Feb 1;227(4686):498
NIMH emphasizes the basics [news] Holden C. **Science** 1985 Apr 26;228(4698):474–5
NIMH to reorganize extramural research [news] Holden C. **Science** 1985 Jul 26;229(4711):362, 367
'Right–to–life' scores new victory at AID [news] Holden C. **Science** 1985 Sep 13;229(4718):1065–7
ADAMHA funding pressed [news] Holden C. **Science** 1985 Jan 11;227(4683):147–9
Government policies and the cost of doing research. Kennedy D. **Science** 1985 Feb 1;227(4686):480–4
NIH budget and better health [letter] Koshland DE Jr. **Science** 1985 Jun 21;228(4706):1382
Modest proposals for the granting system [editorial] Koshland DE Jr. **Science** 1985 Jul 19;229(4710):231
Federal funding for research in stroke [letter] Waltz AG. **Stroke** 1984 Nov–Dec;15(6):1082

ECONOMICS

Do you dare to continue on the present track? Goldstein M. **Am J Otolaryngol** 1984 Jul–Aug;5(4):231–4
The ultimate stigma: inadequate funding for research on mental illness and addictive disorders [editorial] Barchas JD, et al. **Am J Psychiatry** 1985 Jul;142(7):838–9
Science and anaesthesia [editorial] Halsey MJ. **Anaesthesia** 1985 Aug;40(8):733–4
The future of funding for MS research. Hanson T. **Ann NY Acad Sci** 1984;436:472–4
Costs of practice, barriers to psychiatric service, and research expenditures. Failures of policy. Astrachan BM. **Arch Gen Psychiatry** 1985 Jun;42(6):625–6
Research funds are down––take heart! Freedman DX. **Arch Gen Psychiatry** 1985 May;42(5):518–22
Diagnosis–related groups and clinical research in psychiatry. Pincus HA, et al. **Arch Gen Psychiatry** 1985 Jun;42(6):627–9
Distribution of NH&MRC project grants for 1982: an analysis. Glover WE. **Aust NZ J Med** 1984 Jun;14(3):281–5
Diabetes–related research in Canada. Diabetes Canada Research Advisory Committee. **Can Med Assoc J** 1985 Jul 15;133(2):103–5
MRC's Dr. Pierre Bois: research funding's precarious future [interview] Bois P. **Can Med Assoc J** 1984 Dec 15; 131(12):1476–8
Biomedical research: who will pay the piper? [editorial] MacLeod SM. **Can Med Assoc J** 1985 Jul 15;133(2):99–100
Protect the shifting paradigm: biomedical research and evolution. Bulkley BH. **Clin Res** 1984 Sep;32(3):354–9
Will the DRG decimate clinical research? [editorial] Rabkin MT. **Clin Res** 1984 Sep;32(3):345–7
DRGs and the clinical investigator: federal perspective [editorial] Rubin RJ. **Clin Res** 1984 Sep;32(3):341–4
Impact on academic medical center of reduction in reimbursement of indirect research costs. Kutina KL, et al. **J Med Educ** 1985 Sep;60(9):669–76
The need for Diagnosis–Related Group 471. Protection for clinical research. Yarbro JW, et al. **JAMA** 1985 Feb 1; 253(5):684–5
The distress of the Medical Research Council [editorial] **Lancet** 1985 Jan 5;1(8419):25–7
Running drugs in Australia [letter] Flicker W. **Med J Aust** 1984 Dec 8–22;141(12–13):898
The budget and medical research [editorial] Funder J. **Med J Aust** 1984 Nov 24;141(11):692–3
Funding medical research [editorial] MacDonald G. **Med J Aust** 1984 Nov 24;141(11):693
Research funding in Australia: the broader view [editorial] Wild P. **Med J Aust** 1984 Nov 24;141(11):694–5
The NIH and numbers [letter] **N Engl J Med** 1985 Oct 10; 313(15):961–2
The NIH and numbers: a vital concern's concern. Healy B, et al. **N Engl J Med** 1985 May 30;312(22):1450–2
NIH research grants. Multi–year grants on ice [news] Beardsley T. **Nature** 1985 Apr 18–24;314(6012):573
Seeking alternative research funding: problems for the young academic physician. Trigg ME. **Pharos** 1985 Winter; 48(1):15–6
Federal support of biomedical research in American universities. McElroy WD. **Q Rev Biol** 1984 Dec; 59(4):439–42
Funding respiratory research [editorial] Green M. **Thorax** 1985 Feb;40(2):81–4
Association of American Physicians. Presidential address. Relman AS. **Trans Assoc Am Physicians** 1984;97:lxxxiv–xci
[University––research––biology––veterinary science] Arndt RR. **J S Afr Vet Assoc** 1985 Mar;56(1):7–12 (Afr)
[The Public Health Council on cost control in medical scientific research] van Bekkum DW. **Ned Tijdschr Geneeskd** 1984 Aug 4;128(31):1478–80 (Dut)

LEGISLATION & JURISPRUDENCE

Testimony of the American Federation for Clinical Research before the US Senate Labor–HHS–Education Appropriations Subcommittee and the US House of Representatives Appropriations Subcommittee concerning NIH support in FY 1985. Schwartz BD, et al. **Clin Res** 1984 Sep;32(3):362–3
Comptroller General calls NIH multiyear funding scheme 'unlawful' [news] **Fed Proc** 1985 Apr;44(7):25a–30a
President Reagan signs bill requiring 'no fewer than' 6,200 new NIH grants in FY 85 [news] **Fed Proc** 1985 Sep; 44(12):13a–16a
Overhead on NIH grants [letter] Woolley M. **N Engl J Med** 1985 Feb 21;312(8):516
NIH budget. Reagan vetoes busybody bill [news] Beardsley I. **Nature** 1984 Nov 8–14;312(5990):90
NIH gaining in grants battle [news] Culliton BJ. **Science** 1985 Apr 5;228(4695):35
Reagan versus the social sciences [news] Holden C. **Science** 1984 Nov 30;226(4678):1052–4

TRENDS

The changing climate for cardiovascular research: stresses and opportunities. Sobel BE. **Circulation** 1985 Aug;72(2 Pt 2):136–40
Use of academic personnel and facilities by industry: an industry perspective. Cook W. **Med Instrum** 1985 Jan–Feb; 19(1):17–8
Industry–university cooperative research: an industry perspective. Mueller D. **Med Instrum** 1985 Jan–Feb; 19(1):13–6
Industry–university research revisited: a university perspective. Silva LF. **Med Instrum** 1985 Jan–Feb; 19(1):10–2
The relation of faculty academic activity to financing sources in a department of medicine. Chin D, et al. **N Engl J Med** 1985 Apr 18;312(16):1029–34

RESERPINE

[Electroencephalographic characteristics of 'reserpine depression' (experimental study)] Zamoshchina TA, et al. **Zh Nevropatol Psikhiatr** 1984;84(9):1362–7 (Eng. Abstr.) (Rus)

ADMINISTRATION & DOSAGE

[Experience in the treatment of increased blood pressure with a combination of dihydroergotoxine, reserpine and hydrochlorothiazide] Prcović M, et al. **Med Pregl** 1984; 37(3–4):131–5 (Eng. Abstr.) (Ser)
[Local intra–arterial injection of reserpine in severe ischemia of the extremities––a good effect on ergotism] Almgren B, et al. **Lakartidningen** 1984 Nov 7;81(45):4160–1 (Eng. Abstr.) (Swe)

ADVERSE EFFECTS

Exclusion bias and the false relationship of reserpine and breast cancer. Horwitz RI, et al. **Arch Intern Med** 1985 Oct;145(10):1873–5
Angioimmunoblastic lymphadenopathy associated with reserpine [letter] Entrican JH, et al. **Lancet** 1984 Oct 6; 2(8406):820–1
[Liver damage due to reserpine hypersensitivity] Nagler A, et al. **Harefuah** 1984 Sep;107(5–6):130–1 (Eng. Abstr.) (Heb)
[Reserpine and depression. Clinical cases] Torre E, et al. **Minerva Psichiatr** 1985 Jan–Mar;26(1):87–9 (Eng. Abstr.) (Ita)
[A case of Mallory–Weiss syndrome as a complication of treatment with raupasil] Lata S, et al. **Wiad Lek** 1984 Oct 1;37(19):1557–9 (Eng. Abstr.) (Pol)

ANALOGS & DERIVATIVES

Interaction of diethylaminoreserpine with cells of a transplantable tumour in vivo. Lehnert S. **Br J Cancer** 1984 Dec;50(6):847–51
Reserpic acid as an inhibitor of norepinephrine transport into chromaffin vesicle ghosts. Chaplin L, et al. **J Biol Chem** 1985 Sep 15;260(20):10981–5
[Effects of Aldatense on laboratory tests. Comparison with a reference population] Hitz J, et al. **Ann Biol Clin (Paris)** 1984;42(4):289–93 (Eng. Abstr.) (Fre)

ANALYSIS

Determination of reserpine in commercial tablets by liquid chromatography with fluorescence detection. Cieri UR. **J Assoc Off Anal Chem** 1985 May–Jun;68(3):542–4

ANTAGONISTS & INHIBITORS

Effects of a gastric antisecretory–cytoprotectant 2–methyl–8–(phenylmethoxy)imidazo[1,2–a]pyridine–3–ac (Sch 28 080) on cysteamine, reserpine and stress ulcers in rats. Chiu PJ, et al. **Arzneimittelforsch** 1984;34(7):783–
[Synthesis of potential biologically active benzotheno–oxazinones] Oremek G, et al. **Pharmazie** Aug;39(8):574–5 (Ger)
[A TRH analog (DN–1417). Anti–reserpine action in electroconvulsive threshold and involvement of serotonergic (5–HT) mechanism in mice] Nagai Y, et al. **Nippon Yakurigaku Zasshi** 1985 Apr;85(4):221–30 (Eng. Abstr.) (Jpn)
[A TRH analog (DN–1417). Antagonistic effects on reserpine–induced decreases in local cerebral glucose utilization and cerebral monoamine levels] Nagai Y, et al. **Nippon Yakurigaku Zasshi** 1985 May;85(5):315–26 (Eng. Abstr.) (Jpn)

PHARMACODYNAMICS

Effects of reserpine and isoproterenol on elemental distribution in submandibular gland of rat. Müller RM, et al. **Acta Physiol Scand** 1985 Apr;123(4):383–91
Colonic glycoprotein secretion and calmodulin–acceptor proteins in the reserpine–treated rat. Brady RC, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G54–60

Reserpine is a calcium channel antagonist in normal and GH3 rat pituitary cells. Login IS, et al. **Am J Physiol** 1985 Jan; 248(1 Pt 1):E15-9

Reserpine-induced changes in anesthetic action of fentanyl. Kissin I, et al. **Anesthesiology** 1985 May;62(5):597-600

The chronically reserpinized rat: decreased glycolytic activity in the submandibular gland. Bardoń A, et al. **Biochem Med** 1985 Feb;33(1):99-103

Effect of apomorphine, alpha-methylparatyrosine, haloperidol and reserpine on DOPA production in clonal cell lines (PC-12 and N1E-115). Bräutigam M, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):941-7

5-Hydroxytryptamine release in vivo from a cytoplasmic pool: studies on the 5-HT behavioural syndrome in reserpinized rats. Kuhn DM, et al. **Br J Pharmacol** 1985 Jan;84(1):121-9

Reserpine and the role of axonal transport in the independent regulation of pre- and postsynaptic beta-adrenoreceptors. Levin BE, et al. **Brain Res** 1984 Oct 8;311(1):39-50

Effect of chronic reserpine and desmethylimipramine treatment on CRF-like immunoreactivity of discrete brain areas of rat. Tizabi Y, et al. **Brain Res** 1985 Jun 3; 335(2):389-91

Reserpine inhibits release of vasopressin from the neural lobe of the pituitary in dehydrated rats. Alonso G, et al. **Cell Tissue Res** 1985;240(2):375-80

The effect of reserpine on the pars intermedia of the rat pituitary. An electron-microscopic, fluorescence-histochemical and immunohistochemical study. Bäck N, et al. **Cell Tissue Res** 1985;241(1):1-8

Catecholamine hormones and the control of avian salt glands. Wilson JX, et al. **Comp Biochem Physiol [C]** 1985;81(1):77-9

Effect of reserpine on fertilizing capacity of human spermatozoa. Chan SY, et al. **Contraception** 1984 Oct; 30(4):363-9

Spontaneous cerebellar nuclei PGO-like waves in natural paradoxical sleep and under reserpine. Velluti R, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar;60(3):243-8

Reserpine-induced supersensitivity occurs for beta-adrenoceptor-mediated responses of heart and trachea but not of the uterus and lung. Hawthorn MH, et al. **Eur J Pharmacol** 1984 Oct 15;105(3-4):245-55

Effects of reserpine on recovery rates after inhibition of monoamine oxidase in different regions of mouse brain. Hall TR, et al. **Gen Pharmacol** 1984;15(6):485-9

Elevation of RNA coding for tyrosine hydroxylase in rat adrenal gland by reserpine treatment and exposure to cold. Tank AW, et al. **J Neurochem** 1985 Oct;45(4):1030-3

Reserpine-induced postjunctional supersensitivity in rat vas deferens and caudal artery without changes in alpha adrenergic receptors. Nasseri A, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):350-7

Inhibition by reserpine of myocardial damage due to calcium paradox in isolated guinea pig hearts. Hirata M, et al. **Jpn J Pharmacol** 1984 Sep;36(1):114-7

Increase of sensitivity and uptake of vinblastine by reserpine in rat ascites hepatoma. Wakusawa S, et al. **Jpn J Pharmacol** 1984 Oct;36(2):187-95

Morphological effects of reserpine on adrenocortical cells of chickens. Ohie K. **Kitasato Arch Exp Med** 1983 Dec; 56(4):149-61

Increase of the peroxidase activity of mouse submaxillary gland by reserpine. Chakraborty R, et al. **Life Sci** 1984 Nov 5;35(19):1913-9

Reserpine-induced hypothermia and its reversal by dopamine agonists. Danielson TJ, et al. **Life Sci** 1985 Jul 8;37(1):31-8

Differential effects of reserpine and 6-hydroxydopamine on neuropeptide Y (NPY) and noradrenaline in peripheral neurons. Lundberg JM, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan; 328(3):331-40

Amphetamine induced release of endogenous dopamine in vitro is not reduced following pretreatment with reserpine. Niddam R, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Apr; 329(2):123-7

Depletion and recovery of neuronal monoamine storage in rats of different ages treated with reserpine. Ponzio F, et al. **Neurobiol Aging** 1984 Summer;5(2):101-4

Effects of lithium in vitro on noradrenaline-induced cyclic AMP accumulation in rat cortical slices after reserpine-induced supersensitivity. Newman ME, et al. **Neuropharmacology** 1985 Apr;24(4):353-5

Effect of chronic reserpine treatment on the pancreases of neonatal rats. Chung KS, et al. **Pediatr Res** 1984 Dec; 18(12):1300-4

Effect of postganglionic denervation and pretreatment with reserpine on alpha-adrenoceptors of the guinea-pig vas deferens. Cowan FF Jr, et al. **Pharmacology** 1985; 30(5):289-95

Developmental status of sympathetic innervation in relation to calcium accumulation by submandibular gland following reserpine, surgical sympathectomy or cyclocytidine. Schneyer CA, et al. **Proc Soc Exp Biol Med** 1985 Jun; 179(2):143-6

Beta-adrenoceptor density changes and reserpine induced supersensitivity. Tenner TE, et al. **Proc West Pharmacol Soc** 1984;27:5-9

Effects of reserpine and adrenal demedullation on brown adipose tissue thermogenesis induced by dl-phenylpropanolamine. Wellman PJ, et al. **Res Commun Chem Pathol Pharmacol** 1985 Feb; 47(2):211-20

[Enlargement of the prostate after reserpine in an experimental animal] Frühaufová-Aušková M, et al. **Cas Lek Cesk** 1984 Jun 29;123(26):803-5 (Eng. Abstr.) **(Cze)**

[Sensitivity to vinblastine and mechanisms of intracellular accumulation of vinblastine by reserpine in rat ascites hepatoma cells] Wakusawa S, et al. **Yakugaku Zasshi** 1984 Dec;104(12):1288-94 (Eng. Abstr.) **(Jpn)**

[Effect of reserpine on inhibition of preganglionic neurons induced by stimulation of the vagus nerve] Itina LV. **Fiziol Zh SSSR** 1985 Jun;71(6):790-2 **(Rus)**

[The effects of furosemide and reserpine on plasma concentrations of vasopressin and aldosterone] Belmonte A, et al. **Arch Farmacol Toxicol** 1984 Aug;10(2):95-100 (Eng. Abstr.) **(Spa)**

POISONING

Reserpine toxicosis in a horse. Lloyd KC, et al. **J Am Vet Med Assoc** 1985 May 1;186(9):980-1

THERAPEUTIC USE

Long-term reserpine use in selected refractory outpatients [letter] Bacher N, et al. **Am J Psychiatry** 1985 Mar; 142(3):386-7

Diltiazem for treatment of essential hypertension: a double-blind controlled study with reserpine. Ogawa K, et al. **Clin Ther** 1984;6(6):844-53

Tricyclic antidepressive treatment reinforced by reserpine. Moscovich D, et al. **Isr J Psychiatry Relat Sci** 1984; 21(4):283-9

Comparison of the use of reserpine versus alpha-methyldopa for second step treatment of hypertension in the elderly. Applegate WB, et al. **J Am Geriatr Soc** 1985 Feb; 33(2):109-15

Reserpine: the maligned antihypertensive drug. Widmer RB. **J Fam Pract** 1985 Jan;20(1):81-3

Refractory hypertension [letter] Gillum RF. **J Natl Med Assoc** 1984 Nov;76(11):1048

[Optimization of hypotensive therapy in hospitals] Sidorenko GI, et al. **Kardiologiia** 1985 Jan;25(1):12-6 (Eng. Abstr.) **(Rus)**

[Reserpine in the treatment of disorders of cardiac rhythm in children] Ternova TI. **Pediatriia** 1985 Feb;(2):60-2 **(Rus)**

[Sympatholytic effect of intra-arterial reserpine in sclerodermia and Raynaud's disease] Acevedo A, et al. **Rev Med Chil** 1984 Jun;112(6):553-8 (Eng. Abstr.) **(Spa)**

TOXICITY

Postnatal toxicity following prenatal reserpine exposure in rats: effects of dose and dosing schedule. Buelke-Sam J, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):983-91

Pulmonary function of the reserpine and isoproterenol models of cystic fibrosis. Boyd RL, et al. **Pediatr Res** 1984 Oct;18(10):1028-31

Effect of nicotine and caffeine pretreatment on the gastric mucosal damage induced by aspirin, phenylbutazone, and reserpine in rats. Tariq M, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):268-73

RESERVE CELL CARCINOMA see **CARCINOMA, OAT CELL**

RESIDENCE CHARACTERISTICS

Is homelessness a mental health problem? Bassuk EL, et al. **Am J Psychiatry** 1984 Dec;141(12):1546-50

Housing change of chronic schizophrenic patients: a consequence of the revolving door. Caton CL, et al. **Soc Sci Med** 1984;19(7):759-64

Health characteristics by geographic region, large metropolitan areas, and other places of residence United States, 1980-81. **Vital Health Stat [10]** 1984 Sep;(146):1-91

[Mental health and large buildings in western Europe] Lefebvre P. **Ann Med Psychol (Paris)** 1984 Apr; 142(4):527-32 **(Fre)**

[Residential characteristics and psychological disorders--the need for social diagnosis] Cullberg J. **Lakartidningen** 1985 Jun 12;82(24):2218-24 **(Swe)**

RESIDENCY, DENTAL see **INTERNSHIP AND RESIDENCY**

RESIDENCY, MEDICAL see **INTERNSHIP AND RESIDENCY**

RESIDENCY, NONMEDICAL see **INTERNSHIP, NONMEDICAL**

RESIDENTIAL FACILITIES

Changes in staff satisfactions after increases in pay, autonomy, and participation. Sarata BP. **Am J Community Psychol** 1984 Aug;12(4):431-44

Effects of different living settings on the performance of mentally retarded individuals. Alexander K, et al. **Am J Ment Defic** 1985 Jul;90(1):9-17

Institutional reform, adaptive functioning of mentally retarded persons, and staff quality of work life. MacEachron AE, et al. **Am J Ment Defic** 1985 Jan; 89(4):379-88

Characteristics of New York's community residences for developmentally disabled persons. Zigman WB, et al. **Appl Res Ment Retard** 1984;5(3):375-84

A team approach with severely burned children in a multi-disciplinary rehabilitation setting. Stern LM, et al. **Burns Incl Therm Inj** 1985 Apr;11(4):281-4

A tool for selecting residential child care workers: an initial report. Ross AL, et al. **Child Welfare** 1985 Jan-Feb; 64(1):46-54

A program to manage problem behavior in a VA domiciliary. Glover CB. **Hosp Community Psychiatry** 1985 Feb; 36(2):186-7

Social well-being of institutionalized elderly persons. Reed WL, et al. **Int J Aging Hum Dev** 1984;19(4):311-8

Preston Skreens: a family support unit for mentally handicapped children in the Medway Health District. Pahl J. **Int J Rehabil Res** 1984;7(2):208-10

Community care for late adolescents. Aldrich A. **J Adolesc** 1984 Sep;7(3):205-15

The sex distribution of children in care. Lawson CW, et al. **J Adolesc** 1985 Jun;8(2):167-81

Sheltering abused women: a nursing perspective. Germain CP. **J Psychosoc Nurs Ment Health Serv** 1984 Sep; 22(9):24-31

The Smithers Alcoholism Treatment and Training Center. New York City. Imhof J. **J Subst Abuse Treat** 1984; 1(1):69-70

A holiday home for long-stay psychiatric patients. Goldney RD,, et al. **Med J Aust** 1985 Jun 10;142(12):650-1

Physical and environmental design characteristics of community residences. Janicki MP, et al. **Ment Retard** 1984 Dec;22(6):294-301

Inadequate provision for the young chronic sick. Critchley EM. **Practitioner** 1985 Jan;229(1399):91-5

A national study of prescribed drugs in institutions and community residential facilities for mentally retarded people. Hill BK, et al. **Psychopharmacol Bull** 1985; 21(2):279-84

Low prevalence of hepatitis B infections among residents of an institution for the mentally retarded in New Mexico. Mann JM, et al. **West J Med** 1984 Sep;141(3):339-41

[Preliminary results of foster care of children at risk who have been transferred from a home for children and infants] Mores A. **Cesk Pediatr** 1985 Jul;40(7):418-21 (Eng. Abstr.) **(Cze)**

[Do residential facilities for mentally retarded people exert an influence on the capacity for autonomy and social integration of their residents?] Beckers J. **Int J Rehabil Res** 1984;7(4):409-18 (Eng. Abstr.) **(Fre)**

ECONOMICS

Assessing the cost of behaviorally oriented residential treatment: predictive program factors. Prentice-Dunn S, et al. **Child Welfare** 1985 Mar-Apr;64(2):137-42

A description of independent living projects in the United States: various programmatic strategies for fiscal coping. Fortune J, et al. **Int J Rehabil Res** 1984;7(2):188-9

The cost of residential care homes serving elderly adults. Mor V, et al. **J Gerontol** 1985 Mar;40(2):164-71

LEGISLATION & JURISPRUDENCE

Symposium: residential institutions. Institutions: what is going on? Griffith RG. **Ment Retard** 1985 Jun;23(3):105-7

MANPOWER

Staffing ratios in public institutions for persons with mental retardation in the United States. Epple WA, et al. **Ment Retard** 1985 Jun;23(3):115-24

ORGANIZATION & ADMINISTRATION

Personal autonomy of the elderly in long-term care settings [editorial] Thomasma DC. **J Am Geriatr Soc** 1985 Apr; 33(4):225

Administration of residential facilities: a literature documentation (1970-1982). Sluyter GV, et al. **Ment Retard** 1985 Feb;23(1):3-5

STANDARDS

Standards for long-term care facilities in Israel. Wartski SA, et al. **Isr J Med Sci** 1985 Mar;21(3):238-43

Placement decisions and their effects on the development of individuals with severe mental retardation. Hodapp RM, et al. **Ment Retard** 1985 Jun;23(3):125-30

SUPPLY & DISTRIBUTION

Severe disability: 2--Residential care and living in the community. Gloag D. **Br Med J [Clin Res]** 1985 Feb 2; 290(6465):368-72

Stability of residential facilities for people who are mentally retarded, 1977-1982. Hill BK, et al. **Ment Retard** 1985 Jun; 23(3):108-14

TRENDS

Comparison of basic data for the National Survey of Residential Group Care Facilities: 1966-1982. Dore MM, et al. **Child Welfare** 1984 Nov-Dec;63(6):485-95

RESIDENTIAL MOBILITY

Fertility adaptation of rural-to-urban migrant women: a method of estimation applied to Korean women. Farber SC, et al. **Demography** 1984 Aug;21(3):339-45

Mover destination selectivity and the changing suburbanization of metropolitan whites and blacks. Frey WH. **Demography** 1985 May;22(2):223-43

Constraints, satisfaction and residential mobility: Speare's model reconsidered. Landale NS, et al. **Demography** 1985 May;22(2):199-222

The redistribution of America's older population: major national migration patterns for three census decades, 1960-1980. Flynn CB, et al. **Gerontologist** 1985 Jun; 25(3):292-6

Epidemiology, genetics and sociology. A comment. Goldthorpe JH. **J Biosoc Sci** 1985 Jul;17(3):373-5

Migration of the elderly from high altitudes in Colorado. Regensteiner JG, et al. **JAMA** 1985 Jun 7;253(21):3124-8

Residential instability in a psychiatric emergency setting. Chafetz L, et al. **Psychiatr Q** 1984 Spring;56(1):20-34

Population mobility, urban development and dracunculiasis in Kwara State, Nigeria. Watts SJ. **Soc Sci Med** 1984; 19(4):471-3

[Stress and stress management in home relocation of the elderly] Saup W. **Z Gerontol** 1984 Jul-Aug;17(4):198-204 (Eng. Abstr.) **(Ger)**

RESIDENTIAL TREATMENT

Variables discriminating residential placement of severely handicapped children. Wynne ME, et al. **Am J Ment Defic** 1985 Mar;89(5):515-23

Follow-up of children treated in psychiatric hospitals: a review of studies. Blotcky MJ, et al. **Am J Psychiatry** 1984 Dec;141(12):1499-507 (39 ref.)

Residential treatment of adolescents: a treatment model. Kennedy B. **Can J Psychiatry** 1985 Feb;30(1):18-21

The development of abused and high-risk infants in different treatment modalities: residential versus in-home care. Sankey CG, et al. **Child Abuse Negl** 1985;9(2):237-43

A vocational exploration program for residential youths. Samulevich BA, et al. **Child Welfare** 1984 Sep-Oct; 63(5):467-72

Day versus residential treatment for juvenile offenders: the impact of program evaluation. Velasquez JS, et al. **Child Welfare** 1985 Mar-Apr;64(2):145-56

Preparing the family to make the decision about residential placement for an adolescent. Farley JE. **Hosp Community Psychiatry** 1985 Jun;36(6):662-4

[Rehabilitation therapy as a part of comprehensive psychiatric care in a clinical setting] Kučerová H. **Cesk Psychiatr** 1985 Jun;81(3):187-91 (Eng. Abstr.) **(Cze)**

[An assessment list for educators in inpatient child psychiatric treatment] Hobrücker B, et al. **Prax Kinderpsychol Kinderpsychiatr** 1985 Feb-Mar; 34(2):37-44 (Eng. Abstr.) **(Ger)**

[Inpatient adolescent psychiatric therapy as evaluated by the patients] Kammerer E, et al. **Prax Kinderpsychol Kinderpsychiatr** 1985 May-Jun; 34(4):123-33 (Eng. Abstr.) **(Ger)**

[Integrated psychotherapy in inpatient child and adolescent psychiatry--the significance of group meetings] Kögler M, et al. **Prax Kinderpsychol Kinderpsychiatr** 1985 Jan; 34(1):9-15 (Eng. Abstr.) **(Ger)**

[Long-term effects of residential care for asthmatic children] Suzuki I, et al. **Arerugi** 1984 Jul;33(7):396-402 (Eng. Abstr.) **(Jpn)**

METHODS

Personality tests as a predictor of success in a residential treatment center. Munson RF, et al. **Adolescence** 1984 Fall; 19(75):697-701

[Rooming-in as a therapeutic possibility for a 6-year-old autistic girl] Wurst E, et al. **Padiatr Padol** 1984;19(4):393-9 (Eng. Abstr.) **(Ger)**

RESIDUAL VOLUME see under **LUNG VOLUME MEASUREMENTS**

RESINS

Hydrophobic interaction in Candida albicans and Candida tropicalis adherence to various denture base resin materials. Minagi S, et al. **Infect Immun** 1985 Jan;47(1):11-4

Polymer resins with amino acid containing pendants for sorption of bilirubin. I. Comparison of Merrifield and polyamide resins. Henning DS, et al. **Int J Artif Organs** 1984 Jul;7(4):209-14

The use of the PREP system for handling of body fluids. Williams RC. **Int J Environ Anal Chem** 1984;18(1-2):37-49

ADMINISTRATION & DOSAGE

[Combined treatment of trigeminal neuralgia by lidocaine and mumie electrophoresis] Grechko VE, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):27-9 (Eng. Abstr.) **(Rus)**

[Use of propolis in the treatment of local suppurative infection] Tsarev NI, et al. **Vestn Khir** 1985 May; 134(5):119-22 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Contact dermatitis from propolis. Ayala F, et al. **Contact Dermatitis** 1985 Mar;12(3):181-2

Patch testing with colophony. Fregert S, et al. **Contact Dermatitis** 1984 Sep;11(3):141-3

Dermatitis from propolis. Valsecchi R, et al. **Contact Dermatitis** 1984 Nov;11(5):317

Sensitivity to woodtar. van Joost T, et al. **Contact Dermatitis** 1984 Oct;11(4):248

Dermatological problems with synthetic resins and plastics in glues. Part II. Malten KE. **Derm Beruf Umwelt** 1984; 32(4):118-25

[Sensitization to Pix liquida (wood tar): a persistent problem] van der Hoek JC, et al. **Ned Tijdschr Geneeskd** 1985 Feb 2;129(5):205-8 (Eng. Abstr.) **(Dut)**

[Allergic contact dermatitis caused by propolis: an increasing pathology] Bedello PG, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec;119(6):431-2 (Eng. Abstr.) **(Ita)**

[Propolis: incidence of hypersensitization in an at risk population] Tosti A, et al. **G Ital Dermatol Venereol** 1984 Sep-Oct;119(5):353-6 (Eng. Abstr.) **(Ita)**

[Chronic tracheobronchitis caused by exposure to alabaster and polyester resin dust: 2 case reports] Talini D, et al. **Med Lav** 1985 Mar-Apr;76(2):166-9 (Eng. Abstr.) **(Ita)**

[Effect of an ethanol extract of propolis on the formation of experimental peritoneal adhesions] Pardela M, et al. **Przegl Lek** 1984;41(12):729-31 (Eng. Abstr.) **(Pol)**

ANALYSIS

Flavonoid content in propolis extracts and growth inhibition of Bacillus subtilis. Pepeljnjak S, et al. **Pharmazie** 1985 Feb; 40(2):122-3

IMMUNOLOGY

[The allergenic effect of propolis] Temesvári E, et al. **Orv Hetil** 1984 Dec 9;125(50):3037-9 (Eng. Abstr.) **(Hun)**

METABOLISM

On the binding of brain myelin basic protein to chromatographic resins. Riccio P, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):233-9

PHARMACODYNAMICS

Effect of black pepper & asafoetida on the DNA content of gastric aspirates. Desai HG, et al. **Indian J Med Res** 1985 Mar;81:325-9

THERAPEUTIC USE

A double-blind controlled clinical trial of mastic and placebo in the treatment of duodenal ulcer. Al-Habbal MJ, et al. **Clin Exp Pharmacol Physiol** 1984 Sep-Oct;11(5):541-4

[Resin hemoperfusion for acute pentobarbital intoxication in rats and rabbits] Lu ZN, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):281-5 (Eng. Abstr.) **(Chi)**

[Trial of phlebo-lymphologic therapeutics in the treatment of mastodynia] Giraud D. **Rev Fr Gynecol Obstet** 1984 Mar; 79(3):229-32 **(Fre)**

[Early results in the treatment of Legg-Calvé-Perthes disease using intra-articular injections of aqueous propolis extract] Przybylski J, et al. **Z Orthop** 1985 Mar-Apr;123(2):163-7 (Eng. Abstr.) **(Ger)**

[Resinated isoxsuprine in the therapy of cerebral ischemic vascular diseases] Caneschi S, et al. **Minerva Med** 1984 Nov 30;75(45-46):2769-76 (Eng. Abstr.) **(Ita)**

TOXICITY

Propolis contact dermatitis. Tosti A, et al. **Contact Dermatitis** 1985 Apr;12(4):227-8

RESINS, SYNTHETIC

Bond strengths of three resin systems used with brackets and embedded wire attachments. Schulz RP, et al. **Am J Orthod** 1985 Jan;87(1):75-80

Impact testing of a polysulphone denture base polymer. Price CA, et al. **Aust Dent J** 1984 Dec;29(6):398-403

Polymerization ability of 15 visible light curing generators. Prévost AP, et al. **Can Dent Assoc J** 1985 Mar;51(3):221-5

Bonding of restorative resins to dentine promoted by aqueous mixtures of aldehydes and active monomers. Asmussen E, et al. **Int Dent J** 1985 Jun;35(2):160-5

Bonding of restorative materials to dentine: the present status in the United States. Bowen RL. **Int Dent J** 1985 Jun; 35(2):155-9

Bonding of restorative materials to dentine: the present status in Japan. Nakabayashi N. **Int Dent J** 1985 Jun;35(2):145-54

Bonding of restorative materials to dentine: the present status in the Federal Republic of Germany. Nolden R. **Int Dent J** 1985 Jun;35(2):166-72

Bonding of restorative materials to dentine. Stanford JW. **Int Dent J** 1985 Jun;35(2):133-8

A comparison of the effectiveness of dentine bonding agents. Stanford JW, et al. **Int Dent J** 1985 Jun;35(2):139-44

Fabrication of a hollow obturator with fluid resin. Browning JD, et al. **J Prosthet Dent** 1984 Dec;52(6):891-5

A varnish to prevent etching unrestored enamel. Hachiya Y, et al. **J Prosthet Dent** 1985 Jan;53(1):46-50

A decade of progress for the adhesive fixed partial denture. Hamada T, et al. **J Prosthet Dent** 1985 Jul;54(1):24-9

[Resin hemoperfusion for acute pentobarbital poisoning in rats and rabbits] Lu ZN, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):281-5 (Eng. Abstr.) **(Chi)**

[New apparatus for artificial liver support: PAT resin--removal of protein-bound substances and its effect on hepatic failure in animals] Omori Y. **Nippon Geka Gakkai Zasshi** 1985 May;86(5):566-75 (Eng. Abstr.) **(Jpn)**

[Treatment planning with head and neck immobilization shell. Use of thermo-plasticity polyester resin] Tsujii H, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Nov 25; 44(11):1391-5 (Eng. Abstr.) **(Jpn)**

[Experimental studies on polyacetal composites for joint prosthesis] Maeda M. **Nippon Seikeigeka Gakkai Zasshi** 1984 Sep;58(9):919-36 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Paratertiary butylphenol formaldehyde resin in prosthesis. Romaguera C, et al. **Contact Dermatitis** 1985 Mar;12(3):174

[Contact-sensitivity to p-tert-butylphenol formol (PTBP resin)] Conde-Salazar L, et al. **Med Cutan Ibero Lat Am** 1984;12(6):449-56 (Eng. Abstr.) **(Spa)**

PHARMACODYNAMICS

In vivo studies on the carcinogenic potential of an orthodontic bonding resin. Miller EG, et al. **Am J Orthod** 1984 Oct;86(4):342-6

Biocompatibility evaluation of resins in hamsters. Thomas GP, et al. **J Prosthet Dent** 1985 Mar;53(3):428-30

Formaldehyde as bonding agent between dentin and restorative resins. Asmussen E, et al. **Scand J Dent Res** 1984 Oct;92(5):480-3

TOXICITY

Allergenic degradation products of para-tertiary butylphenolformaldehyde plastic. Malten KE, et al. **Contact Dermatitis** 1985 Apr;12(4):222-4

RESISTANCE FACTORS see **R FACTORS**

RESISTANCE, NATURAL see **IMMUNITY, NATURAL**

RESISTANCE TRANSFER FACTOR see **F FACTOR**

RESORCINOLS

The use of 4-(2-pyridylazo)resorcinol in studies of zinc release from Escherichia coli aspartate transcarbamoylase. Hunt JB, et al. **Anal Biochem** 1985 Apr;146(1):150-7

ADMINISTRATION & DOSAGE

Correct administration of bovine growth promotants [letter] Duigan RE. **Aust Vet J** 1984 Jul;61(7):suppl 16

ADVERSE EFFECTS

The oestrogenic Fusarium toxin (zearalenone) in hay as a cause of early abortions in the cow. Kallela K, et al. **Nord Vet Med** 1984 Sep-Oct;36(9-10):305-9

ANALYSIS

Quantitative liquid chromatographic method using fluorescence detection for determining zearalenone and its metabolites in blood plasma and urine. Olsen ME, et al. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):632-5

Rapid, sensitive liquid chromatographic method for determination of zearalenone and alpha- and beta-zearalenol in wheat. Trenholm HL, et al. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):968-72

Rapid and sensitive determination of zearalenone in cereals by high-performance liquid chromatography with fluorescence detection. Tanaka T, et al. **J Chromatogr** 1985 Jun 28;328:271-8

[Chemical nature of the autoregulating factor d1 in Pseudomonas carboxydoflava] Osipov GA, et al. **Mikrobiologiia** 1985 Mar-Apr;54(2):186-90 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Production of zearalenone, T-2 toxin, and deoxynivalenol by Fusarium spp. isolated from plant materials grown in North Carolina. Richardson KE, et al. **Mycopathologia** 1985 Jun;90(3):155-60

Production of trichothecenes and zearalenone by Fusarium species isolated from wheat. Chełkowski J, et al. **Nahrung** 1984;28(5):493-6

METABOLISM

Plasma and urinary levels of zearalenone and alpha-zearalenol in a prepubertal gilt fed zearalenone. Olsen M, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Mar; 56(3):239-43

Free and conjugated zeranol residues determined by radio-immunoassay in urine and plasma of calves treated with Forplix. Duchatel JP, et al. **Ann Rech Vet** 1985 16(1):93-7

In vitro metabolism of zeranol: evaluation of covalent binding to microsomal protein. Evrard P, et al. **Ann Rech Vet** 1985; 16(1):47–50

Uptake, metabolism and mutagenic activity of aromatic glycidyl compounds. Seiler JP. **Chem Biol Interact** 1984 Oct;51(3):347–56

Determination of the binding of trenbolone and zeranol to rat-liver DNA in vivo as compared to 17 beta-oestradiol and testosterone. Barraud B, et al. **Food Addit Contam** 1984 Apr–Jun;1(2):147–55

Transformation of zearalenone and zearalenol by rat erythrocytes. Chang WM, et al. **Food Chem Toxicol** 1984 Nov;22(11):887–94

Biotransformation of olivetol by Syncephalastrum racemosum. McClanahan RH, et al. **J Nat Prod** 1984 Sep–Oct;47(5):828–34

PHARMACODYNAMICS

Immune responses and plasma hormone concentrations in cold-exposed, xeranol-implanted calves. Kelley KW. **Am J Vet Res** 1984 Dec;45(12):2617–21

Structure activity relationships of resorcinol substituted ring systems. Ilhan M, et al. **Arch Int Pharmacodyn Ther** 1984 Sep;271(1):22–32

The influence of zeranol implants on bodyweight gain of Angora wether goats. McGregor BA, et al. **Aust Vet J** 1984 Oct;61(10):327

Induction of creatine kinase in immature rat uteri by zearalenone, an estrogenic mycotoxin. Seeger JI, et al. **Biochem Int** 1985 Apr;10(4):597–602

Some aspects of the use of the growth promoter zeranol in ewe lambs retained for breeding. III. Effect on plasma LH levels. Cooper RA. **Br Vet J** 1985 Jul–Aug;141(4):424–6

Zeranol (beta-resorcylic acid lactone), a common residous component of natural foodstuffs, stimulates developmental growth of the mouse mammary gland. Sheffield LG, et al. **Cancer Lett** 1985 Aug;28(1):77–83

Effect of purified zearalenone on early gestation in gilts. Long GG, et al. **J Anim Sci** 1984 Dec;59(6):1662–70

Sexual development in beef bulls following zeranol implants. Staigmiller RB, et al. **J Anim Sci** 1985 Feb;60(2):342–51

Induction of hyperpyrexia by dihydrocurvularin, a metabolic product of Penicillium gilmanii. Rice FA, et al. **J Pharm Sci** 1984 Dec;73(12):1846–8

Induction of vitellogenesis in Japanese quail as a sensitive indicator of the estrogen-mimetic effect of a variety of environmental contaminants. Robinson GA, et al. **Poult Sci** 1984 Aug;63(8):1529–36

Haemolytic properties of cereal 5-n-alk(en)ylresorcinols. Kozubek A. **Z Naturforsch [C]** 1984 Nov–Dec; 39(11–12):1132–6

Higher cardol homologues (5-alkenylresorcinols) from rye affect the red cell membrane-water transport. Kozubek A. **Z Naturforsch [C]** 1985 Jan–Feb;40(1–2):80–4

[Experimental study of the antimutagenic properties of 5-methylresorcinol] Pashin IuV, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):63–5 (Eng. Abstr.) **(Rus)**

TOXICITY

Effect of whole and fractionated dietary alfalfa meal on zearalenone toxicosis and metabolism in rats and swine. Stangroom KE, et al. **Can J Physiol Pharmacol** 1984 Sep; 62(9):1219–24

Different patterns of developmental toxicity in the rat following prenatal administration of structurally diverse chemicals. Simmons DL, et al. **J Toxicol Environ Health** 1984;14(2–3):121–36

The relationship between prenatal lethality or fetal weight and intrauterine position in rats exposed to diethylstilbestrol, zeranol, 3,4,3',4'-tetrachlorobiphenyl, or cadmium. Cornwall GA, et al. **Teratology** 1984 Dec; 30(3):341–9

Alteration of behavioral sex differentiation by exposure to estrogenic compounds during a critical neonatal period: effects of zearalenone, methoxychlor, and estradiol in hamsters. Gray LE Jr, et al. **Toxicol Appl Pharmacol** 1985 Aug;80(1):127–36

Inhibitory effect of deoxynivalenol, 3-acetyldeoxynivalenol and zearalenone on induction of rat and human lymphocyte proliferation. Atkinson HA, et al. **Toxicol Lett** 1984 Nov; 23(2):215–21

URINE

Free and conjugated zeranol residues determined by radio-immunoassay in urine and plasma of calves treated with Forplix. Duchatel JP, et al. **Ann Rech Vet** 1985; 16(1):93–7

RESORTS see **HEALTH RESORTS**

RESPIRATION

see related
APNEA
BREATHING EXERCISES
DYSPNEA

Weaning with inspiratory flow assistance (IFA). A clinical progress? Hansen JE. **Acta Anaesthesiol Belg** 1984;35 Suppl:337–41

Cardio-respiratory changes and prostaglandins during one-lung-anesthesia. Scherer R, et al. **Acta Anaesthesiol Belg** 1984 Jun;35(2):89–103

Energy expenditure on breathing during anaesthesia. Christensen KJ, et al. **Acta Anaesthesiol Scand** 1985 Apr; 29(3):280–2

Respiratory performance after upper abdominal surgery. A comparison of pain relief with intercostal blocks and centrally acting analgesics. Engberg G. **Acta Anaesthesiol Scand** 1985 May;29(4):427–33

Factors influencing the respiratory capacity after upper abdominal surgery. Engberg G. **Acta Anaesthesiol Scand** 1985 May;29(4):434–45

Effect of anaesthesia on respiratory function after major lower extremity surgery. A comparison between bupivacaine spinal analgesia with low-dose morphine and general anaesthesia. Hedenstierna G, et al. **Acta Anaesthesiol Scand** 1985 Jan;29(1):55–60

Flow pattern and respiratory characteristics during halothane anaesthesia. Jonsson LO, et al. **Acta Anaesthesiol Scand** 1985 Apr;29(3):309–14

The Venturi anaesthesia circuit I. An all-purpose breathing system for anaesthesia. Jørgensen S, et al. **Acta Anaesthesiol Scand** 1985 Apr;29(3):269–72

Continuous positive airway pressure increases vagal and phrenic nerve activity in cats. Norsted T, et al. **Acta Anaesthesiol Scand** 1985 May;29(4):418–23

Simulated spontaneous breathing. A new model for testing anaesthetic circuits. Zetterström H, et al. **Acta Anaesthesiol Scand** 1985 Apr;29(3):265–8

Response of respiratory motoneurons to release from vagal inhibition in the rabbit. Budzińska K, et al. **Acta Neurobiol Exp (Warsz)** 1984;44(6):249–62

The effects of pontine or bulbar transection on the respiratory pattern in the rabbit. Gromysz H. **Acta Neurobiol Exp (Warsz)** 1984;44(6):239–47

Tourniquet effects on muscle oxygen tension in dog limbs. Experiments with cooling and breathing intervals. Nakahara M. **Acta Orthop Scand** 1984 Oct;55(5):576–8

Regulatory mechanisms of the phasic respiratory activity in cricothyroid muscle. Dejonckere PH, et al. **Acta Otorhinolaryngol Belg** 1984;38(6):579–85

Effect of breathing of a helium-oxygen mixture on the adaptation of the organism to exercise. Debiński W, et al. **Acta Physiol Pol** 1984 May–Jun;35(3):285–92

Changes of minute ventilation in rabbits in experimental hyperthermia. Glowicki K, et al. **Acta Physiol Pol** 1984 Mar–Apr;35(2):171–6

Physiological responses associated with feigned death in the American opossum. Gabrielsen GW, et al. **Acta Physiol Scand** 1985 Apr;123(4):393–8

Role of airway resistance in the control of ventilation during exercise. Hesser CM, et al. **Acta Physiol Scand** 1984 Apr; 120(4):557–65

Breathing pattern and occlusion pressure during moderate and heavy exercise. Lind F, et al. **Acta Physiol Scand** 1984 Sep;122(1):61–9

Respiratory drive and breathing pattern during exercise in man. Lind FG. **Acta Physiol Scand [Suppl]** 1984;533:1–47

The effect of duration of breath-holding on expired air carbon monoxide concentration in cigarette smokers. West RJ. **Addict Behav** 1984;9(3):307–9

Endogenous opiates and cardiopulmonary function. LaGamma EF. **Adv Pediatr** 1984;31:1–41

Magnetic resonance imaging with respiratory gating: techniques and advantages. Ehman RL, et al. **AJR** 1984 Dec;143(6):1175–82

Predicting oxygen uptake from treadmill testing in normal subjects and coronary artery disease patients. Roberts JM, et al. **Am Heart J** 1984 Dec;108(6):1454–60

Cardiorespiratory response to exercise in Ebstein's anomaly. Barber G, et al. **Am J Cardiol** 1985 Sep 15;56(8):509–14

Ventilatory pattern following diphtheria-tetanus-pertussis immunization in infants at risk for sudden infant death syndrome. Keens TG, et al. **Am J Dis Child** 1985 Oct; 139(10):991–4

Expired PCO2 as an index of coronary perfusion pressure. Sanders AB, et al. **Am J Emerg Med** 1985 Mar;3(2):147–9

Relationship of glucose intolerance and indocyanine green clearance to respiratory enzyme levels in human cirrhotic liver. Uchida K, et al. **Am J Med Sci** 1985 Jul;290(1):19–27

The variability of fetal breathing movements in normal human fetuses at term. Andrews J, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):280–2

Effects of hypoxemic events on breathing, body movements, and heart rate variation: a study in growth-retarded human fetuses. Bekedam DJ, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):52–6

Human fetal breathing: associated changes in heart rate and beat-to-beat variability. Divon MY, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):403–6

Comparative study of ultrasonically guided percutaneous aspiration with local anesthesia and laparoscopic aspiration of follicles in an in vitro fertilization program. Lewin A, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):621–5

Longitudinal measurements of fetal breathing, body movements, heart rate, and heart rate accelerations and decelerations at 24 to 32 weeks of gestation. Natale R, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):256–63

Fetal breathing movements and the response to carbon dioxide in patients on methadone maintenance. Richardson BS, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):400–5

Cardiorespiratory efficiency at submaximal work in young and middle-aged women. Zauner CW, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):712–5

Spinal pathways mediating respiratory influences on sympathetic nerves. Connelly CA, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R91–9

Central chemical control of ventilation and response of turtles to inspired CO2. Hitzig BM, et al. **Am J Physiol** 1985 Sep; 249(3 Pt 2):R323–8

Vagal inhibition of respiratory-linked efferent activity in the carotid sinus nerve. Kostreva DR, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R681–6

The impact of grief on ventilatory control. Jellinek MS, et al. **Am J Psychiatry** 1985 Jan;142(1):121–3

Bronchoscopic removal of aspirated foreign bodies in children. Black RE, et al. **Am J Surg** 1984 Dec; 148(6):778–81

Interactions of cold stress and Pasteurella haemolytica in the pathogenesis of pneumonic pasteurellosis in calves: changes in pulmonary function. Slocombe RF, et al. **Am J Vet Res** 1984 Sep;45(9):1764–70

Aspiration hazards to the developing lung. Respiratory-gastrointestinal system interaction. (From a conference held February 20–22, 1984, Daytona Beach, Florida). **Am Rev Respir Dis** 1985 May;131(5):S1–66

The tussive effect of hyperpnea with cold air. Banner AS, et al. **Am Rev Respir Dis** 1985 Mar;131(3):362–7

Ventilatory regulation in eucapnic morbid obesity [letter] Barnett TB, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1188

Ventilatory muscle function during exercise in air and oxygen in patients with chronic air-flow limitation. Bye PT, et al. **Am Rev Respir Dis** 1985 Aug;132(2):236–40

Breathing and oxygenation during sleep are similar in normal men and normal women. Catterall JR, et al. **Am Rev Respir Dis** 1985 Jul;132(1):86–8

Respiratory consequences of abdominal hernia in a patient with severe chronic obstructive pulmonary disease. Celli BR, et al. **Am Rev Respir Dis** 1985 Jan;131(1):178–80

Prediction of ventilation at maximal exercise in chronic air-flow obstruction. Dillard TA, et al. **Am Rev Respir Dis** 1985 Aug;132(2):230–5

Respiratory heat loss is not the sole stimulus for bronchoconstriction induced by isocapnic hyperpnea with dry air. Eschenbacher WL, et al. **Am Rev Respir Dis** 1985 Jun;131(6):894–901

Inspiratory force reserve of the respiratory muscles in children with chronic obstructive pulmonary disease. Gaultier C, et al. **Am Rev Respir Dis** 1985 Jun;131(6):811–5

Maximal respiratory pressures in children [letter] Gaultier C, et al. **Am Rev Respir Dis** 1984 Oct;130(4):695–6

A reinterpretation of the effect of temperature and water content of the inspired air in exercise-induced asthma. Hahn A, et al. **Am Rev Respir Dis** 1984 Oct;130(4):575–9

Nitrogen washout during tidal breathing with superimposed high-frequency chest wall oscillation. Harf A, et al. **Am Rev Respir Dis** 1985 Aug;132(2):350–3

Age-related variation of respiratory chemosensitivity in monozygotic twins. Kawakami Y, et al. **Am Rev Respir Dis** 1985 Jul;132(1):89–92

Inspiratory muscle function in patients with severe kyphoscoliosis. Lisboa C, et al. **Am Rev Respir Dis** 1985 Jul;132(1):48–52

Effect of circadian rhythm on bronchomotor tone after deep inspiration in normal and in asthmatic subjects. Liu YN, et al. **Am Rev Respir Dis** 1985 Aug;132(2):278–82

Breathing patterns in patients with chronic obstructive pulmonary disease. Loveridge B, et al. **Am Rev Respir Dis** 1984 Nov;130(5):730–3

Mechanics and gas distribution in normal and obstructed lungs during tidal breathing. Lutchen KR, et al. **Am Rev Respir Dis** 1984 Dec;130(6):974–9

The effects of acute bronchoconstriction on respiratory activity in patients with chronic obstructive pulmonary disease. Oliven A, et al. **Am Rev Respir Dis** 1985 Feb; 131(2):236–41

Breathing during sleep in patients with interstitial lung disease. Perez-Padilla R, et al. **Am Rev Respir Dis** 1985 Aug;132(2):224–9

Eucapnic voluntary hyperventilation of compressed gas mixture. A simple system for bronchial challenge by respiratory heat loss. Phillips YY, et al. **Am Rev Respir Dis** 1985 Jan;131(1):31–5

Infants are not obligatory nasal breathers. Rodenstein DO, et al. **Am Rev Respir Dis** 1985 Mar;131(3):343–7

Pattern of inhalation of tobacco smoke in pipe, cigarette, and never smokers. Rodenstein DO, et al. **Am Rev Respir Dis** 1985 Sep;132(3):628–32

Influence of the respiratory route on the resting breathing pattern in humans. Rodenstein DO, et al. **Am Rev Respir Dis** 1985 Jan;131(1):163–6

Effects of abdominal and thoracic breathing on breathing pattern components in normal subjects and in patients with chronic obstructive pulmonary disease. Sackner MA, et al. **Am Rev Respir Dis** 1984 Oct;130(4):584–7

Prolonged expiratory phase in sleep apnea. A unifying hypothesis. Sanders MH, et al. **Am Rev Respir Dis** 1985 Mar;131(3):401–8

Effects of acute bronchoconstriction on respiratory activity in patients with COPD [letter] Stănescu DC, et al. **Am Rev Respir Dis** 1985 Sep;132(3):722–3

Polysomnography scoring for sleep apnea. Use of a sampling method. Steyer BJ, et al. **Am Rev Respir Dis** 1985 Apr; 131(4):592–5

Short-term regional clearance of an inhaled submicrometric aerosol in pulmonary fibrosis. Tryka AF, et al. **Am Rev Respir Dis** 1985 Sep;132(3):606-11

Redistribution of retained particles. Effect of hyperpnea. Valberg PA, et al. **Am Rev Respir Dis** 1985 Feb; 131(2):273-80

Calibration of computer-assisted (Respicomp) respiratory inductive plethysmography in newborns. Warren RH, et al. **Am Rev Respir Dis** 1985 Apr;131(4):564-7

Ventilatory efficiency in children with caudal analgesia [letter] Drummond GB. **Anaesthesia** 1985 Jan;40(1):89-90

Ventilation, dynamic compliance and ventilatory response to CO2. Effects of age and body weight in infants and children. Olsson AK, et al. **Anaesthesia** 1985 Mar; 40(3):229-36

The Penlon Bromsgrove high frequency jet ventilator for adult and paediatric use. A solution to the problem of humidification. Smith BE. **Anaesthesia** 1985 Aug; 40(8):790-6

Temperature and ventilation after hypothermic cardiopulmonary bypass. Sladen RN. **Anesth Analg** 1985 Aug;64(8):816-20

Effect of left-to-right, mixed left-to-right, and right-to-left shunts on inhalational anesthetic induction in children: a computer model. Tanner GE, et al. **Anesth Analg** 1985 Feb; 64(2):101-7

Aspiration of a nasal airway: a case report and principles of management. Hayes JD, et al. **Anesthesiology** 1985 Apr; 62(4):534-5

Assessing inspiratory force—an indicator [letter] Ibler M. **Anesthesiology** 1985 May;62(5):695-6

Ventilatory responses to acute metabolic acidemia in humans awake, sedated, and anesthetized with halothane. Knill RL, et al. **Anesthesiology** 1985 Jun;62(6):745-53

The assessment of diaphragmatic contractility [editorial] Macklem PT. **Anesthesiology** 1985 Mar;62(3):229-30

Monitoring respirations with a gauze thread: an ancient and outdated technique [letter] Moore DC. **Anesthesiology** 1984 Nov;61(5):623-4

Cyanosis and tachypnea with weight loss in an infant. Phillips KM, et al. **Ann Allergy** 1985 Jun;54(6):477-8, 510-5

The development of asthma after tracheobronchial aspiration of a foreign body. Twiggs JT, et al. **Ann Allergy** 1984 Nov; 53(5):407-9

An analysis of respiratory drive components during flow-resistive respiratory loading. Abbrecht PH, et al. **Ann Biomed Eng** 1983;11(5):417-33

Effects of mitral valve replacement on ventilation, volumes, diffusing capacity and regional perfusion of lungs in patients with mitral valve disease. Mattila S, et al. **Ann Chir Gynaecol** 1985;74(2):82-5

Aspiration in head and neck surgical patients. Logemann JA. **Ann Otol Rhinol Laryngol** 1985 Jul-Aug;94(4 Pt 1):373-6

Pallid syncope (reflex anoxic seizures) [editorial] Bower BD. **Arch Dis Child** 1984 Dec;59(12):1118-9

Inspiratory time and tidal volume during intermittent positive pressure ventilation. Field D, et al. **Arch Dis Child** 1985 Mar;60(3):259-61

Effect of rebreathing on psychomotor skills when wearing integral crash helmets. Malins AF, et al. **Arch Emerg Med** 1984 Jun;1(2):101-4

Natural brain cooling and temperature regulation. Jessen C, et al. **Arch Exp Veterinarmed** 1984 May;38(3):336-41

Cardiorespiratory patterns in severe delirium tremens. Abraham E, et al. **Arch Intern Med** 1985 Jun;145(6):1057-9

Multichannel infant reflex audiometry (MIRA) a new method for evaluating hearing in infants (preliminary results). Kauffmann G, et al. **Arch Otorhinolaryngol** 1984; 241(1):35-9

Inspiratory muscle dysfunction and unexplained dyspnea in systemic lupus erythematosus. Jacobelli S, et al. **Arthritis Rheum** 1985 Jul;28(7):781-8

Electromyographic study of the cat's diaphragm during oesophageal distension. Aziz HA, et al. **Aust Vet J** 1984 Aug;61(8):254-6

Modification of Otis-McKerrow valve for measurement of respiratory water loss. Holden WL, et al. **Aviat Space Environ Med** 1985 Aug;56(8):803-5

Arousal reduction with biofeedback-supported respiratory meditation. Zeier H. **Biofeedback Self Regul** 1984 Dec; 9(4):497-508

Effects of B16 melanoma transplantation on the respiration of grouped C57Bl female mice. Stupfel M, et al. **Biomed Pharmacother** 1984;38(8):389-97

Coordination of sucking, swallowing and respiration in infants with sleep apnea syndrome. Kerbl R, et al. **Biomed Tech (Berlin)** 1984 Nov;29(11):274-8

Respiratory mechanical impedances. Methodology and interpretation. Peslin R, et al. **Biorheology** 1984;Suppl 1:183-91

Aortic pressure and heart rate patterns during the respiratory cycle in different autonomic conditions in conscious dog. Federici A, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30; 60(6):1119-25

Ventilatory responses of children to changes in deadspace volume. Studies using the T-piece (Mapleson F) system. Charlton AJ, et al. **Br J Anaesth** 1985 Jun;57(6):562-8

Anaesthetic breathing systems. Conway CM. **Br J Anaesth** 1985 Jul;57(7):649-57 (41 ref.)

The ventilatory response to carbon dioxide. An analysis of data obtained by the rebreathing method. Goodman NW, et al. **Br J Anaesth** 1985 Mar;57(3):311-8

Analyses of the ventilatory response to carbon dioxide. Implications for clinical research. Goodman NW, et al. **Br J Anaesth** 1985 Mar;57(3):319-25

The minimum reservoir capacity necessary to avoid air-dilution. An experimental model of spontaneous breathing through a T-piece. Naunton A. **Br J Anaesth** 1985 Aug;57(8):803-6

Respiratory and heart rate patterns in infants destined to be victims of sudden infant death syndrome: average rates and their variability measured over 24 hours. Wilson AJ, et al. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):497-501

Interaction of respiration with coughing, feeding, vision and oculomotor control in fish. Ballintijn CM, et al. **Brain Behav Evol** 1984;25(2-3):99-108

Opposite effects of the delta- and mu-opioid receptor agonists on ventilation in conscious adult dogs. Haddad GG, et al. **Brain Res** 1984 Dec 3;323(1):73-82

Effects of enkephalin and 5-hydroxytryptamine on solitary tract neurones involved in respiration and respiratory reflexes. Sessle BJ, et al. **Brain Res** 1985 Feb 18; 327(1-2):221-30

Vagal expiratory afferent discharges during spontaneous breathing. Wei JY, et al. **Brain Res** 1985 Jun 3;335(2):213-9

Effects of centrally administered naloxone on phrenic nerve activity. Wilson BA, et al. **Brain Res** 1984 Dec 24; 324(2):366-8

The identification of brainstem neurones projecting to thoracic respiratory motoneurones in the cat as demonstrated by retrograde transport of HRP. Rikard-Bell GC, et al. **Brain Res Bull** 1985 Jan;14(1):25-37

Cells of origin of corticospinal projections to phrenic and thoracic respiratory motoneurones in the cat as shown by retrograde transport of HRP. Rikard-Bell GC, et al. **Brain Res Bull** 1985 Jan;14(1):39-47

Respiratory muscle pharmacotherapy. Aubier M, et al. **Bull Eur Physiopathol Respir** 1984 Sep-Oct;20(5):459-66 (53 ref.)

Respiratory and pulmonary alterations in experimental Pneumocystis carinii pneumonia in rats. Brun-Pascaud M, et al. **Bull Eur Physiopathol Respir** 1985 Jan-Feb; 21(1):37-41

Origin and historical development of clinical physiology in pulmonary disease. Cournand A. **Bull Eur Physiopathol Respir** 1985 Mar-Apr;21(2):205-14

Actions of the respiratory muscles or how the chest wall moves in upright man. De Troyer A. **Bull Eur Physiopathol Respir** 1984 Sep-Oct;20(5):409-13

The diving response depresses ventilation in man. Folgering H, et al. **Bull Eur Physiopathol Respir** 1985 Mar-Apr; 21(2):143-7

Respiration during sleep during growth: physiology and pathology. Gaultier C. **Bull Eur Physiopathol Respir** 1985 Jan-Feb;21(1):55-112 (389 ref.) (Eng, Fre)

Respiratory muscle testing. Green M. **Bull Eur Physiopathol Respir** 1984 Sep-Oct;20(5):433-5

A layman's view on respiratory muscles. Lockhart A. **Bull Eur Physiopathol Respir** 1984 Sep-Oct;20(5):395-7

Differences in overall 'gain' of CO2-feedback system between dead space and CO2 ventilations in man. Masuyama H, et al. **Bull Eur Physiopathol Respir** 1984 Nov-Dec;20(6):501-6

Loaded breathing. Milic-Emili J. **Bull Eur Physiopathol Respir** 1984 Sep-Oct;20(5):429-31

The individuality of chest wall motion in tetraplegia. Morgan MD, et al. **Bull Eur Physiopathol Respir** 1984 Nov-Dec; 20(6):547-52

Respiratory muscle fatigue—aspects of detection and treatment. Moxham J. **Bull Eur Physiopathol Respir** 1984 Sep-Oct;20(5):437-44 (66 ref.)

Optical measurement of the change in trunk volume with breathing. Peacock A, et al. **Bull Eur Physiopathol Respir** 1985 Mar-Apr;21(2):125-9

Interactions between chest wall, respiratory muscles and lung function in disease. Pride NB. **Bull Eur Physiopathol Respir** 1984 Sep-Oct;20(5):423-8

Ventilatory muscle fatigue governs breathing frequency. Roussos C. **Bull Eur Physiopathol Respir** 1984 Sep-Oct; 20(5):445-51

Spinal integration and rhythm generation in breathing. Sears TA. **Bull Eur Physiopathol Respir** 1984 Sep-Oct; 20(5):399-401

Chest wall reflexes in newborns. Trippenbach T. **Bull Eur Physiopathol Respir** 1985 Mar-Apr;21(2):115-22 (Eng, Fre)

Respiratory rhythm generation. Duffin J, et al. **Can Anaesth Soc J** 1985 Mar;32(2):124-37 (76 ref.)

Aspiration of foreign bodies during dental procedures. ElBadrawy HE. **Can Dent Assoc J** 1985 Feb;51(2):145-7

Metabolic, hemodynamic, and respiratory responses to performing cardiopulmonary resuscitation. Miles DS, et al. **Can J Appl Sport Sci** 1984 Sep;9(3):141-7

Ventilation and respiratory pattern and timing in resting awake cats. Jennings DB, et al. **Can J Physiol Pharmacol** 1985 Feb;63(2):148-54

Coronary sinus blood flow determination by the thermodilution technique: influence of catheter position and respiration. Bagger JP. **Cardiovasc Res** 1985 Jan;19(1):27-31

Effect of theophylline on respiratory muscle function. Aubier M, et al. **Chest** 1985 Aug;88(2 Suppl):91S-97S

Estimation of alveolar pressure variations during panting [letter] Bégin P, et al. **Chest** 1985 May;87(5):701

Left coronary artery dissection with an amplatz-shaped catheter. The role of vigorous inspiration during contrast injection. Biel SI, et al. **Chest** 1984 Oct;86(4):640-1

Left ventricular function before and after reaching the anaerobic threshold. Boucher CA, et al. **Chest** 1985 Feb; 87(2):145-50

Reduced pulmonary capillary blood volume as a long-term sequel of ARDS. Buchser E, et al. **Chest** 1985 May; 87(5):608-11

Correction. Respiratory drive in non-smokers and smokers assessed by passive tilt and mouth occlusion pressure [letter] Burki NK, et al. **Chest** 1985 Aug;88(2):314-5

Demand and continuous flow intermittent mandatory ventilation systems. Christopher KL, et al. **Chest** 1985 May; 87(5):625-30

Respiration during sleep in children with COPD. Gaultier C, et al. **Chest** 1985 Feb;87(2):168-73

Frequency dependent phase and amplitude differences between simulated mouth and pleural pressures during panting. Demonstration with a mechanical model. Knudson RJ, et al. **Chest** 1984 Oct;86(4):589-91

Influence of caloric intake on the respiratory mode during mandatory minute volume ventilation. Laaban JP, et al. **Chest** 1985 Jan;87(1):67-72

Relationship between pulmonary function and sleep-induced respiratory abnormalities. Onal E, et al. **Chest** 1985 Apr; 87(4):437-41

The effects of oral slow-release terbutaline on the circadian variation in spirometry and arterial blood gas levels in patients with chronic airflow obstruction. Postma DS, et al. **Chest** 1985 May;87(5):653-7

Cardiopulmonary response to inspiratory pressure support during spontaneous ventilation vs conventional ventilation. Prakash O, et al. **Chest** 1985 Sep;88(3):403-8

Function and fatigue of respiratory muscles. Roussos C. **Chest** 1985 Aug;88(2 Suppl):124S-132S (40 ref.)

Therapeutic considerations in respiratory muscle function. Sharp JT. **Chest** 1985 Aug;88(2 Suppl):118S-123S (25 ref.)

Respiratory functional changes after caudal block in pediatric surgery. Yu ZH. **Chin Med J [Engl]** 1985 Feb;98(2):103-5

Investigation of a circannual rhythm in nasopharyngeal airway patency in children. Kuftinec MM, et al. **Chronobiologia** 1984 Oct-Dec;11(4):383-9

Diminished stroke volume during inspiration: a reverse thoracic pump. Olsen CO, et al. **Circulation** 1985 Sep; 72(3):668-79

Ventilatory control in asthma. Lavietes MH. **Clin Chest Med** 1984 Dec;5(4):607-17 (53 ref.)

Neonatal oxygen-cardiorespirograms. Huch R, et al. **Clin Perinatol** 1985 Feb;12(1):129-45

Factors affecting the 'alveolar deposition' of 5 microns inhaled particles in healthy subjects. Agnew JE, et al. **Clin Phys Physiol Meas** 1985 Feb;6(1):27-36

Asynchronous ventilation in the dog: effects on lung blood flow and gas exchange. Frostell C, et al. **Clin Physiol** 1985; 5 Suppl 3:59-64

Ventilatory effects of biceps vibration during leg exercise in healthy humans. Jammes Y, et al. **Clin Physiol** 1984 Oct; 4(5):379-91

Pulmonary blood flow determination with selective rebreathing of CO2. Linnarsson D, et al. **Clin Physiol** 1985; 5 Suppl 3:39-48

Deadspace during high frequency jet ventilation: the effects of frequency, inspiratory time and entrainment. Malmkvist G, et al. **Clin Physiol** 1985;5 Suppl 3:143-6

Respiratory and circulatory adaptation to isometric and dynamic exercise in chronic lung disease. Schrijen F, et al. **Clin Physiol** 1984 Oct;4(5):371-8

Some observations on the role of the abdomen in breathing in patients on peritoneal dialysis. Bush A, et al. **Clin Sci** 1985 Apr;68(4):401-6

Control of breathing during sleep. Douglas NJ. **Clin Sci** 1984 Nov;67(5):465-71 (108 ref.)

Assessment of smoking behaviour and ventilation with cigarettes of differing nicotine yields. McBride MJ, et al. **Clin Sci** 1984 Dec;67(6):619-31

Relationship between ventilation and breathlessness during exercise in chronic obstructive airways disease is not altered by prevention of hypoxaemia. Swinburn CR, et al. **Clin Sci** 1984 Nov;67(5):515-9

The effect of airway anaesthesia on the control of breathing and the sensation of breathlessness in man. Winning AJ, et al. **Clin Sci** 1985 Feb;68(2):215-25

Multicompartment model of lung dynamics. Peterman BF, et al. **Comput Biomed Res** 1984 Dec;17(6):580-9

Cycle-triggered averaging of respiration-related neuronal activity. Schmid K, et al. **Comput Programs Biomed** 1985; 19(2-3):133-42

Real-time analysis of the change in arterial oxygen tension during endotracheal suction with a fiberoptic bronchoscope. Arai T, et al. **Crit Care Med** 1985 Oct; 13(10):855-8

Alveolar pressures and lung volumes during high-frequency oscillatory ventilation in dogs. Armengol J, et al. **Crit Care Med** 1985 Aug;13(8):632-6

Arterial to end-tidal CO2 gradients during spontaneous breathing, intermittent positive-pressure ventilation and jet ventilation. Capan LM, et al. **Crit Care Med** 1985 Oct; 13(10):810-3

Use of high-frequency jet ventilation to prevent aspiration in a patient with an uncuffed tracheostomy tube. Hess D, et al. **Crit Care Med** 1984 Oct;12(10):918-9

Effects of driving pressure and respiratory rate on airway pressure and PaCO2 in rabbits during high–frequency jet ventilation. Takahashi H, et al. **Crit Care Med** 1985 Sep;13(9):728–32

Collection of data in investigations done in the Research Institute's laboratory of the clinical physiology of breathing, and their computerization. Felkel H, et al. **Czech Med** 1984;7(3):151–60

Respiratory EMG findings in relation to periodic breathing in infants. O'Brien MJ. **Early Hum Dev** 1985 May;11(1):43–60

Observations made on severe apneic spells in two infants at risk for sudden death. Roberts JL, et al. **Early Hum Dev** 1985 Jan;10(3–4):261–71

Electromyographic study of the M. serratus anterior during respiration. Machado de Sousa O, et al. **Electromyogr Clin Neurophysiol** 1984 Nov–Dec;24(7):547–59

Physiology of respiration. Fisher CJ Jr. **Emerg Med Clin North Am** 1983 Aug;1(2):223–39

Respiratory studies in foals from birth to seven days old. Stewart JH, et al. **Equine Vet J** 1984 Jul;16(4):323–8

Comparison of three field methods for measuring oxygen consumption. Louhevaara V, et al. **Ergonomics** 1985 Feb;28(2):463–70

The relationship between lactate and ventilatory thresholds: coincidental or cause and effect? Neary PJ, et al. **Eur J Appl Physiol** 1985;54(1):104–8

Ventilatory response during incremental exercise tests in weight lifters and endurance cyclists. Veicsteinas A, et al. **Eur J Applied Physiol** 1985;53(4):322–9

Effects of auditory stimulus timing in the respiratory cycle on the evoked cardiac response in man at rest. Warzel H, et al. **Eur J Applied Physiol** 1984;53(2):144–8

Improvement of data acquisition and analysis to evaluate regional ventilation. Ikeda H, et al. **Eur J Nucl Med** 1985;10(9–10):406–10

Dry aerosol of monodisperse millimicrospheres for ventilation imaging: production, delivery system, and clinical results in comparison with 81m–krypton and 127–xenon. Köhn H, et al. **Eur J Nucl Med** 1985;10(9–10):411–6

The yawning–penile erection syndrome as a model for putative dopamine autoreceptor activity. Gower AJ, et al. **Eur J Pharmacol** 1984 Aug 3;103(1–2):81–9

Lung function in progressive systemic sclerosis is dominated by poorly compliant lungs and stiff airways. Blom–Bülow B, et al. **Eur J Respir Dis** 1985 Jan;66(1):1–8

Irritative complaints, carboxyhemoglobin increase and minor ventilatory function changes due to exposure to chain–saw exhaust. Hagberg M, et al. **Eur J Respir Dis** 1985 Apr;66(4):240–7

Respiratory and haemodynamic effects of lateral thoracotomy or sternotomy in mechanically ventilated rats. Duchatelle JP, et al. **Eur Surg Res** 1985;17(1):10–6

Inspiratory on–switch evoked by mesencephalic stimulation: activity of medullary respiratory neurones. Gauthier P, et al. **Exp Brain Res** 1984;56(3):475–87

Effects of carotid sinus nerve stimulation on respiratory sinus arrhythmia and respiratory blood pressure waves of the dog. Warzel H, et al. **Experientia** 1985 May 15;41(5):605–7

Pulmonary control systems in exercise: update. Dempsey JA, et al. **Fed Proc** 1985 Apr;44(7):2260–70 (68 ref.)

Breath management in repeated vocal onset. Schutte HK, et al. **Folia Phoniatr (Basel)** 1984;36(5):225–32

Role of the diaphragm in the genesis of lower esophageal sphincter pressure in the cat. Boyle JT, et al. **Gastroenterology** 1985 Mar;88(3):723–30

GABA and respiratory function. DeFeudis FV. **Gen Pharmacol** 1984;15(6):441–4 (39 ref.)

Probability for human intake of an atom randomly released into ground, rivers, oceans and air. Cohen BL. **Health Phys** 1984 Aug;47(2):281–92

Inhalation of U aerosols from UO2 fuel element fabrication. Schieferdecker H, et al. **Health Phys** 1985 Jan;48(1):29–48

Ingestion pathway factor in dose assessment for annual airborne releases of radioactivity. Vold E. **Health Phys** 1984 Sep;47(3):429–41

Use of two–point sampling for the doubly–labelled water method [letter] Schoeller DA. **Hum Nutr Clin Nutr** 1984 Nov;38(6):477–80

Simple motor reaction time and respiration. II. Effect of involuntary breath holding. Nikandrov MG, et al. **Hum Physiol** 1983 Nov–Dec;9(6):440–4

Fast response ultrasonic flowmeter measures breathing dynamics. Lynnworth LC, et al. **IEEE Trans Biomed Eng** 1985 Jul;32(7):530–5

Electrode motion artifacts in electrical impedance pneumography. Sahakian AV, et al. **IEEE Trans Biomed Eng** 1985 Jun;32(6):448–51

Age related changes in lung functions in Indian service men. Mathew L, et al. **Indian J Med Res** 1984 Apr;79:529–37

The effects of acute oesophageal distension on arterial blood pressure, E.C.G. and respiration in dog. Satpathy NK, et al. **Indian J Physiol Pharmacol** 1984 Apr–Jun;28(2):105–14

Effects of anesthesia and surgery on pulmonary mechanisms and gas exchange. **Int Anesthesiol Clin** 1984 Winter;22(4):1–189

Factors influencing the control of breathing. Drummond GB. **Int Anesthesiol Clin** 1984 Winter;22(4):59–74

Failure of the respiratory muscle pump. Moxham J. **Int Anesthesiol Clin** 1984 Winter;22(4):165–81 (28 ref.)

Morphology and respiratory function of the alveolar unit. Burri PH. **Int Arch Allergy Appl Immunol** 1985;76 Suppl 1:2–12

Cardiorespiratory strain in jobs that require respiratory protection. Louhevaara V, et al. **Int Arch Occup Environ Health** 1985;55(3):195–206

Cardiorespiratory and thermal effects of wearing gas protective clothing. Smolander J, et al. **Int Arch Occup Environ Health** 1984;54(3):261–70

Marijuana smoking: effect on expired air carbon monoxide levels. Hecht E, et al. **Int J Addict** 1985 Feb;20(2):353–61

Cardiovascular and respiratory responses to electrical stimulation of the midbrain in the rat. Malmo RB, et al. **Int J Psychophysiol** 1983 Aug;1(1):75–81

Effects of pedal frequency on VO2 and work output at lactate threshold (LT), fixed blood lactate concentrations of 2 mM and 4 mM, and max in competitive cyclists. Buchanan M, et al. **Int J Sports Med** 1985 Jun;6(3):163–8

Pulmonary ventilation in relation to oxygen uptake and carbon dioxide production during incremental load work. Hagan RD, et al. **Int J Sports Med** 1984 Aug;5(4):193–7

Trainability of underwater breath–holding time. Hentsch U, et al. **Int J Sports Med** 1984 Dec;5(6):343–7

Ventilatory and plasma lactate response with different exercise protocols: a comparison of methods. McLellan TM. **Int J Sports Med** 1985 Feb;6(1):30–5

Respiration in tetraplegia and in hemiplegia: a review. Fugl–Meyer AR, et al. **Int Rehabil Med** 1984;6(4):186–90 (55 ref.)

Mouth occlusion pressure (P0.1) in acute respiratory failure. Herrera M, et al. **Intensive Care Med** 1985;11(3):134–9

Respiration–dependent ventricular pacing compared with fixed ventricular and atrial–ventricular synchronous pacing: aerobic and hemodynamic variables. Rossi P, et al. **J Am Coll Cardiol** 1985 Sep;6(3):646–52

Respiratory sensations and dyspnea. Altose M, et al. **J Appl Physiol** 1985 Apr;58(4):1051–4

Collateral ventilation during high–frequency oscillation in dogs. Armengol J, et al. **J Appl Physiol** 1985 Jan;58(1):173–9

Reflex depression of cardiovascular function during lung inflation. Ashton JH, et al. **J Appl Physiol** 1985 Jan;58(1):137–45

Effects of hypocalcemia on diaphragmatic strength generation. Aubier M, et al. **J Appl Physiol** 1985 Jun;58(6):2054–61

Role of tracheal and bronchial circulation in respiratory heat exchange. Baile EM, et al. **J Appl Physiol** 1985 Jan;58(1):217–22

Reflex compensation of voluntary inspiration when immersion changes diaphragm length. Banzett RB, et al. **J Appl Physiol** 1985 Aug;59(2):611–8

Analysis of the behavior of the respiratory system with constant inspiratory flow. Bates JH, et al. **J Appl Physiol** 1985 Jun;58(6):1840–8

Evaluation of phase correction and low gas density to improve thoracic gas volume measurement. Bégin P, et al. **J Appl Physiol** 1985 Feb;58(2):346–51

Effect of breathing pattern on gas mixing in a model with asymmetrical alveolar ducts. Bowes CL, et al. **J Appl Physiol** 1985 Jan;58(1):18–26

Effect of expiratory loading on glottic dimensions in humans. Brancatisano TP, et al. **J Appl Physiol** 1985 Feb;58(2):605–11

Respiratory activity of posterior cricoarytenoid muscle and vocal cords in humans. Brancatisano TP, et al. **J Appl Physiol** 1984 Oct;57(4):1143–9

Effect of lung inflation on lung blood volume and pulmonary venous flow. Brower R, et al. **J Appl Physiol** 1985 Mar;58(3):954–63

Effects of hypercapnia on Breuer–Hering threshold for inspiratory termination. Clanton TL, et al. **J Appl Physiol** 1984 Oct;57(4):1211–21

Frequency dependence of pulmonary compliance and resistance in patients with obstructive lung disease. Clément J, et al. **J Appl Physiol** 1984 Nov;57(5):1439–47

Pressure–time product, flow, and oxygen cost of resistive breathing in humans. Collett PW, et al. **J Appl Physiol** 1985 Apr;58(4):1263–72

Influence of pulmonary embolism on absorption of inhaled iodide–125. Dawson CA, et al. **J Appl Physiol** 1985 Apr;58(4):1061–8

Failure of cholinergic blockade to prevent bronchodilatation following deep inspiration. Day A, et al. **J Appl Physiol** 1985 May;58(5):1449–52

Relationship between parasternal intercostal length and rib cage displacement in dogs. Decramer M, et al. **J Appl Physiol** 1985 May;58(5):1517–20

Respiratory changes in parasternal intercostal length. Decramer M, et al. **J Appl Physiol** 1984 Oct;57(4):1254–60

Coordination between rib cage muscles and diaphragm during quiet breathing in humans. De Troyer A, et al. **J Appl Physiol** 1984 Sep;57(3):899–906

Ventilatory response to high–frequency airway oscillation in humans. DeWeese EL, et al. **J Appl Physiol** 1985 Apr;58(4):1099–106

Preterm infants: ventilation and P100 changes with CO2 and inspiratory resistive loading. Duara S, et al. **J Appl Physiol** 1985 Jun;58(6):1982–7

Effect of elastic loading on ventilatory pattern during progressive exercise. D'Urzo AD, et al. **J Appl Physiol** 1985 Jul;59(1):34–8

Perspectives in carotid body research. Eyzaguirre C, et al. **J Appl Physiol** 1984 Oct;57(4):931–57 (330 ref.)

Motor responses to positive–pressure breathing in the developing opossum. Farber JP. **J Appl Physiol** 1985 May;58(5):1489–95

Contractile properties of intercostal muscles and their functional significance. Farkas GA, et al. **J Appl Physiol** 1985 Aug;59(2):528–35

Changes in heart rate during breathing interrupted by recurrent apneas in humans. Findley LJ, et al. **J Appl Physiol** 1985 Aug;59(2):536–42

Bronchoconstrictor response to inhaled capsaicin in humans. Fuller RW, et al. **J Appl Physiol** 1985 Apr;58(4):1080–4

Respiratory mechanical effects of abdominal distension. Gilroy RJ Jr, et al. **J Appl Physiol** 1985 Jun;58(6):1997–2003

Sensation of respiratory force following low cervical spinal cord transection. Gottfried SB, et al. **J Appl Physiol** 1984 Oct;57(4):989–94

Effect of breath–hold time on DLCO(SB) in patients with airway obstruction. Graham BL, et al. **J Appl Physiol** 1985 Apr;58(4):1319–25

Inspiratory airway obstruction does not affect lung fluid balance in lambs. Hansen TN, et al. **J Appl Physiol** 1985 Apr;58(4):1314–8

Low–frequency response characteristics of three Grass model 7 polygraphs. Hickey DD, et al. **J Appl Physiol** 1985 Mar;58(3):1026–30

Reduced training intensities and loss of aerobic power, endurance, and cardiac growth. Hickson RC, et al. **J Appl Physiol** 1985 Feb;58(2):492–9

Immediate effects of cigarette smoking on cardiorespiratory responses to exercise. Hirsch GL, et al. **J Appl Physiol** 1985 Jun;58(6):1975–81

Effect of body orientation on regional lung expansion: a computed tomographic approach. Hoffman EA. **J Appl Physiol** 1985 Aug;59(2):468–80

Effect of body orientation on regional lung expansion in dog and sloth. Hoffman EA, et al. **J Appl Physiol** 1985 Aug;59(2):481–91

Inspiratory muscle function with restrictive chest wall loading during exercise in normal humans. Hussain SN, et al. **J Appl Physiol** 1985 Jun;58(6):2027–32

Effects of separate rib cage and abdominal restriction on exercise performance in normal humans. Hussain SN, et al. **J Appl Physiol** 1985 Jun;58(6):2020–6

Mechanical impedance as determinant of inspiratory neural drive during exercise in humans. Hussain SN, et al. **J Appl Physiol** 1985 Aug;59(2):365–75

ECoG and breathing activity in fetal lambs after undercut of cerebral cortex. Ioffe S, et al. **J Appl Physiol** 1984 Oct;57(4):1195–201

Airway pressures in an asymmetrically branched airway model of the dog respiratory system. Jackson AC, et al. **J Appl Physiol** 1984 Oct;57(4):1223–30

Inspiratory muscle forces and endurance in maximum resistive loading. Jones GL, et al. **J Appl Physiol** 1985 May;58(5):1608–15

Effect of altered ambient temperature on breathing in ponies. Kaminski RP, et al. **J Appl Physiol** 1985 May;58(5):1585–91

Effects of altered ambient temperature on metabolic rate during CO2 inhalation. Kaminski RP, et al. **J Appl Physiol** 1985 May;58(5):1592–6

Effect of frequency on perceived magnitude of added loads to breathing. Killian KJ, et al. **J Appl Physiol** 1985 May;58(5):1616–21

Effect of increased lung volume on perception of breathlessness, effort, and tension. Killian KJ, et al. **J Appl Physiol** 1984 Sep;57(3):686–91

Reflex control of expiratory duration in newborn infants. Kosch PC, et al. **J Appl Physiol** 1985 Feb;58(2):575–81

Quiet–breathing vs. panting methods for determination of specific airway conductance. Krell WS, et al. **J Appl Physiol** 1984 Dec;57(6):1917–22

Respiratory, cardiovascular, and metabolic adjustments to exercise in the Hereford calf. Kuhlmann WD, et al. **J Appl Physiol** 1985 Apr;58(4):1273–80

Inspiratory flow pattern in humans. Lafortuna CL, et al. **J Appl Physiol** 1984 Oct;57(4):1111–9

Peripheral chemoreceptors in respiratory oscillations. Lahiri S, et al. **J Appl Physiol** 1985 Jun;58(6):1901–8

Assessment of transdiaphragmatic pressure in humans. Laporta D, et al. **J Appl Physiol** 1985 May;58(5):1469–76

Photographic measurement of pleural surface motion during lung oscillation. Lehr JL, et al. **J Appl Physiol** 1985 Aug;59(2):623–33

Rib cage distortion during voluntary and involuntary breathing acts. McCool FD, et al. **J Appl Physiol** 1985 May;58(5):1703–12

Thermal mapping of the airways in humans. McFadden ER Jr, et al. **J Appl Physiol** 1985 Feb;58(2):564–70

Respiratory muscle and organ blood flow with inspiratory elastic loading and shock. Magder S, et al. **J Appl Physiol** 1985 Apr;58(4):1148–56

Ventilation and acid–base balance in awake dogs exposed to heat and CO2. Maskrey M, et al. **J Appl Physiol** 1985 Feb;58(2):549–57

Effect of mechanical loading on displacements of chest wall during breathing in humans. Mengeot PM, et al. **J Appl Physiol** 1985 Feb;58(2):477–84

Action of abdominal muscles on rib cage in humans. Mier A, et al. **J Appl Physiol** 1985 May;58(5):1438–43

Changes in the VI–VCO2 relationship during exercise in goats: role of carotid bodies. Mitchell GS, et al.

J Appl Physiol 1984 Dec;57(6):1894–900

Inspiratory rhythm in airway smooth muscle tone. Mitchell RA, et al. **J Appl Physiol** 1985 Mar;58(3):911–20

Expiratory pattern of newborn mammals. Mortola JP, et al. **J Appl Physiol** 1985 Feb;58(2):528–33

Mechanical aspects of chest wall distortion. Mortola JP, et al. **J Appl Physiol** 1985 Aug;59(2):295–304

Scaling of added loads to breathing: magnitude estimation vs. handgrip matching. Muza SR, et al. **J Appl Physiol** 1984 Sep;57(3):888–91

Ventral medullary pH and ventilatory responses to hyperperfusion and hypoxia. Neubauer JA, et al. **J Appl Physiol** 1985 May;58(5):1659–68

Dynamics of respiratory drive and pressure during NREM sleep in patients with occlusive apneas. Onal E, et al. **J Appl Physiol** 1985 Jun;58(6):1971–4

Cardiodynamic variables and ventilation during treadmill exercise in ponies. Pan LG, et al. **J Appl Physiol** 1984 Sep;57(3):753–9

Diaphragmatic fatigue in normoxia and hyperoxia. Pardy RL, et al. **J Appl Physiol** 1985 Mar;58(3):738–42

Increased microvascular permeability in dog lungs due to high peak airway pressures. Parker JC, et al. **J Appl Physiol** 1984 Dec;57(6):1809–16

Central and peripheral causes of hyperreflexia in humans breathing 5% trimix at 650 m. Parmentier JL, et al. **J Appl Physiol** 1985 Apr;58(4):1239–45

Total respiratory input and transfer impedances in humans. Peslin R, et al. **J Appl Physiol** 1985 Aug;59(2):492–501

Response of ventilatory and lactate thresholds to continuous and interval training. Poole DC, et al. **J Appl Physiol** 1985 Apr;58(4):1115–21

Altered breathing pattern elicited by stimulation of abdominal visceral afferents. Prabhakar NR, et al. **J Appl Physiol** 1985 Jun;58(6):1755–60

Reflex compensation of spontaneous breathing when immersion changes diaphragm length. Reid MB, et al. **J Appl Physiol** 1985 Apr;58(4):1136–42

Chest wall distortion during resistive inspiratory loading. Ringel ER, et al. **J Appl Physiol** 1985 May;58(5):1646–53

Regional lung strain in dogs during deflation from total lung capacity. Rodarte JR, et al. **J Appl Physiol** 1985 Jan;58(1):164–72

Respiratory mechanics in mechanically ventilated patients with respiratory failure. Rossi A, et al. **J Appl Physiol** 1985 Jun;58(6):1849–58

Breathing pattern and CO2 response in newborn rats before and during anesthesia. Saetta M, et al. **J Appl Physiol** 1985 Jun;58(6):1988–96

Characterization by stimulation of medullary mechanisms underlying gasping neurogenesis. St. John WM, et al. **J Appl Physiol** 1985 Jan;58(1):121–8

Laryngeal influences on breathing pattern and posterior cricoarytenoid muscle activity. Sant'Ambrogio FB, et al. **J Appl Physiol** 1985 Apr;58(4):1298–304

Blood-gas equilibration of CO2 and O2 in lungs of awake dogs during prolonged rebreathing. Scotto P, et al. **J Appl Physiol** 1984 Nov;57(5):1354–9

Laryngeal resistance immediately after panting in control and constricted airways. Sekizawa K, et al. **J Appl Physiol** 1985 Apr;58(4):1164–9

Differential effects of CO2 and H+ as central stimuli of respiration in the cat. Shams H. **J Appl Physiol** 1985 Feb;58(2):357–64

Decay of inspiratory muscle pressure during expiration in conscious humans. Shee CD, et al. **J Appl Physiol** 1985 Jun;58(6):1859–65

Inspiratory airway CO2 loading in the pony. Shirer HW, et al. **J Appl Physiol** 1984 Oct;57(4):1097–103

Airway resistance and respiratory muscle function in snorers during NREM sleep. Skatrud JB, et al. **J Appl Physiol** 1985 Aug;59(2):328–35

Mechanical properties of pleural membrane. Stamenovic D. **J Appl Physiol** 1984 Oct;57(4):1189–94

Dilating forces on the upper airway of anesthetized dogs. Strohl KP, et al. **J Appl Physiol** 1985 Feb;58(2):452–8

Lack of effect of airway anesthesia on hypoxic ventilation. Sullivan TY, et al. **J Appl Physiol** 1985 May;58(5):1698–702

Cardiorespiratory reflexes from muscles during dynamic and static exercise in the dog. Tallarida G, et al. **J Appl Physiol** 1985 Mar;58(3):844–52

Effects of early hypoxia on breathing pattern in rabbit pups before and after vagotomy. Trippenbach T, et al. **J Appl Physiol** 1985 Apr;58(4):1285–90

Expiratory effects of vagal stimulation in newborn kittens. Trippenbach T, et al. **J Appl Physiol** 1985 Jul;59(1):218–22

Effects of tonic vagal input on breathing pattern in newborn rabbits. Trippenbach T, et al. **J Appl Physiol** 1985 Jul;59(1):223–8

Temporal delay of venous blood correlates with onset of exercise hyperpnea. VanBenthuysen KM, et al. **J Appl Physiol** 1984 Sep;57(3):874–80

Differential costal and crural diaphragm compensation for posture changes. van Lunteren E, et al. **J Appl Physiol** 1985 Jun;58(6):1895–900

Respiratory changes in nasal muscle length. van Lunteren E, et al. **J Appl Physiol** 1985 Aug;59(2):453–8

Effects of chronic right-to-left cardiac shunt on hypoxic sensitivity of mongrel dogs. Von Colditz JH, et al. **J Appl Physiol** 1985 Jun;58(6):1767–75

Respiratory responses to noxious and nonnoxious heating of skin in cats. Waldrop TG, et al. **J Appl Physiol** 1984 Dec;57(6):1738–41

Endogenous opioids and ventilatory responses to hypercapnia in normal humans. Weinberger SE, et al. **J Appl Physiol** 1985 May;58(5):1415–20

Stephen Hales: neglected respiratory physiologist. West JB. **J Appl Physiol** 1984 Sep;57(3):635–9

Pharyngeal resistance in normal humans: influence of gender, age, and obesity. White DP, et al. **J Appl Physiol** 1985 Feb;58(2):365–71

Metabolic rate and breathing during sleep. White DP, et al. **J Appl Physiol** 1985 Aug;59(2):384–91

Breathing affects venous return from legs in humans. Willeput R, et al. **J Appl Physiol** 1984 Oct;57(4):971–6

Quantitative deposition of ultrafine stable particles in the human respiratory tract. Wilson FJ Jr, et al. **J Appl Physiol** 1985 Jan;58(1):223–9

Effect of endurance exercise training on ventilatory function in older individuals. Yerg JE 2d, et al. **J Appl Physiol** 1985 Mar;58(3):791–4

Respiratory mechanics and breathing pattern during and following maximal exercise. Younes M, et al. **J Appl Physiol** 1984 Dec;57(6):1773–82

On the relation between expiratory duration and subsequent inspiratory duration. Zuperku EJ, et al. **J Appl Physiol** 1985 Feb;58(2):419–30

Disordered pulmonary function in tetanus. Kokal KC, et al. **J Assoc Physicians India** 1984 Aug;32(8):691–5

Respiratory modulation of sympathetic activity. Bainton CR, et al. **J Auton Nerv Syst** 1985 Jan;12(1):77–90

The role of substance P in arterial chemoreflex control of ventilation. Gallagher PJ, et al. **J Auton Nerv Syst** 1985 Feb–Mar;12(2–3):195–210

Split medulla preparation in the cat: arterial chemoreceptor reflex and respiratory modulation of the renal sympathetic nerve activity. Kubin L, et al. **J Auton Nerv Syst** 1985 Feb–Mar;12(2–3):211–25

Suprabulbar and bulbar integration of ventilation and ear vascular control during thermoregulation in the rabbit. Traugott FM, et al. **J Auton Nerv Syst** 1985 Feb–Mar;12(2–3):227–38

Central nervous system 5-hydroxytryptamine and noradrenaline specificity of ear vascular and ventilation reflexes in thermoregulating rabbits. White SW, et al. **J Auton Nerv Syst** 1985 Feb–Mar;12(2–3):131–44

A behavioral analysis of diaphragmatic breathing and its effects on peripheral temperature. Bacon M, et al. **J Behav Ther Exp Psychiatry** 1985 Mar;16(1):15–21

Respiratory control as a treatment for panic attacks. Clark DM, et al. **J Behav Ther Exp Psychiatry** 1985 Mar;16(1):23–30

Transient interactions between blood pressure, respiration and heart rate in man. Kitney RI, et al. **J Biomed Eng** 1985 Jul;7(3):217–24

Mechanics of intercostal space and actions of external and internal intercostal muscles. De Troyer A, et al. **J Clin Invest** 1985 Mar;75(3):850–7

Histochemical and biochemical correlates of ventilatory muscle fatigue in emphysematous hamsters. Farkas GA, et al. **J Clin Invest** 1984 Oct;74(4):1214–20

Respiratory ordered phase encoding (ROPE): a method for reducing respiratory motion artefacts in MR imaging. Bailes DR, et al. **J Comput Assist Tomogr** 1985 Jul–Aug;9(4):835–8

Fetal breathing movements and lung maturation in the congenitally abnormal human fetus. Dornan JC, et al. **J Dev Physiol** 1984 Aug;6(4):367–75

Heart rate pattern during respiratory pauses in normal infants during sleep. Haddad GG, et al. **J Dev Physiol** 1984 Aug;6(4):329–37

Respiratory and cardiovascular responses of the exercising chicken to spinal cord cooling at different ambient temperatures. I. Cardiovascular responses and blood gases. Barnas GM, et al. **J Exp Biol** 1985 Jan;114:415–26

Intrapulmonary chemoreceptor control of ventilatory movements in the self-ventilating chicken. Barnas GM, et al. **J Exp Biol** 1985 Jan;114:121–30

Respiratory and cardiovascular responses of the exercising chicken to spinal cord cooling at different ambient temperatures. II. Respiratory responses. Gleeson M, et al. **J Exp Biol** 1985 Jan;114:427–41

Effects of age and respiratory efforts on the perception of resistive ventilatory loads. Altose MD, et al. **J Gerontol** 1985 Mar;40(2):147–53

Effects of raised air pressure on the cardio-respiratory function during exercise in man. Fukuba Y. **J Hum Ergol (Tokyo)** 1983 Dec;12(2):121–9

Respiratory and cardiovascular responses to hyperoxia, hypoxia and hypercapnia in the renal hypertensive rabbit: role of carotid body chemoreceptors. Angell-James JE, et al. **J Hypertens** 1985 Jun;3(3):213–23

Meconium aspiration in infants: the experience of 51 cases. Chavalitdhamrong P, et al. **J Med Assoc Thai** 1985 Jan;68(1):13–7

Projections from the ventral respiratory group to phrenic and intercostal motoneurons in cat: an autoradiographic study. Feldman JL, et al. **J Neurosci** 1985 Aug;5(8):1993–2000

Measurement error in visually scored electrophysiological data: respiration during sleep. Bliwise D, et al. **J Neurosci Methods** 1984 Nov;12(1):49–56

Response of abdominal muscle to graded mechanical loads. Baker JP Jr, et al. **J Neurosci Res** 1985;13(4):581–9

Aspiration of blood from the jugular vein during intracarotid drug infusion in monkeys. Implications for extracorporeal drug removal. Clark WC, et al. **J Neurosurg** 1985 Apr;62(4):576–9

Cinematic display of respiratory organ motion with impedance techniques. Heller SL, et al. **J Nucl Med** 1984 Oct;25(10):1127–31

Respiratory gating by impedance plethysmography. Vannier MW. **J Nucl Med** 1984 Oct;25(10):1142–3

In vivo measurements of right atrial and pulmonary artery haematic temperature variations and their relationship with the relative pressure and respiration changes. Galvan M, et al. **J Nucl Med Allied Sci** 1984 Jul–Sep;28(3):203–16

Evaluation of respiratory variables in smelter and control workers before and during a shutdown period. Holness DL, et al. **J Occup Med** 1985 May;27(5):341–6

Respiratory function and exposure-effect relationships in wood dust-exposed and control workers. Holness DL, et al. **J Occup Med** 1985 Jul;27(7):501–6

Effects of an SCBA on breathing pattern, gas exchange, and heart rate during exercise. Louhevaara V, et al. **J Occup Med** 1985 Mar;27(3):213–6

Evaluation of rebreathing in various modifications of the Mapleson-D system. Campbell RL, et al. **J Oral Maxillofac Surg** 1985 Aug;43(8):574–9

Home pneumograms in normal infants. Hunt CE, et al. **J Pediatr** 1985 Apr;106(4):551–5

Breathing pattern and ventilation during oral feeding in term newborn infants. Mathew OP, et al. **J Pediatr** 1985 May;106(5):810–3

Oral breathing in newborn infants. Miller MJ, et al. **J Pediatr** 1985 Sep;107(3):465–9

Respiratory patterns during sleep and temperament ratings in normal infants. Weissbluth M, et al. **J Pediatr** 1985 Apr;106(4):688–90

Is the voluntary control of exercise in man necessary for the ventilatory response? Adams L, et al. **J Physiol (Lond)** 1984 Oct;355:71–83

The role of spinal cord transmission in the ventilatory response to exercise in man. Adams L, et al. **J Physiol (Lond)** 1984 Oct;355:85–97

Rate of change of alveolar carbon dioxide and the control of ventilation during exercise. Allen CJ, et al. **J Physiol (Lond)** 1984 Oct;355:1–9

Respiratory modulation of muscle sympathetic and vagal cardiac outflow in man. Eckberg DL, et al. **J Physiol (Lond)** 1985 Aug;365:181–96

Respiratory responses to medullary hydrogen ion changes in cats: different effects of respiratory and metabolic acidoses. Eldridge FL, et al. **J Physiol (Lond)** 1985 Jan;358:285–97

Respiratory effects of carbon dioxide-induced changes of medullary extracellular fluid pH in cats. Eldridge FL, et al. **J Physiol (Lond)** 1984 Oct;355:177–89

Synaptic mechanisms involved in the inspiratory modulation of vagal cardio-inhibitory neurones in the cat. Gilbey MP, et al. **J Physiol (Lond)** 1984 Nov;356:65–78

The respiratory activity of human levator costae muscles and its modification by posture. Goldman MD, et al. **J Physiol (Lond)** 1985 May;362:189–204

Respiratory effects of sectioning the carotid sinus glossopharyngeal and abdominal vagal nerves in the awake rat. Martin-Body RL, et al. **J Physiol (Lond)** 1985 Apr;361:35–45

Respiratory activation of the facial nerve and alar muscles in anaesthetized dogs. Strohl KP. **J Physiol (Lond)** 1985 Jun;363:351–62

Respiratory rhythm generation in the in vitro brain stem-spinal cord preparation of the neonatal rat. Suzue T. **J Physiol (Lond)** 1984 Sep;354:173–83

Dissociation between respiratory phase switching and phasic phrenic response on low-intensity stimulation of pneumotaxic complex and nearby structures. Villard MF, et al. **J Physiol (Paris)** 1984;79(1):11–6

Assessing effective obturation. Watson RM, et al. **J Prosthet Dent** 1985 Jul;54(1):88–93

The utility of prolonged respiratory exhalation for reducing physiological and psychological arousal in non-threatening and threatening situations. Cappo BM, et al. **J Psychosom Res** 1984;28(4):265–73

Differential subsystem impairment, differential motor system impairment, and decomposition of respiratory movement in ataxic dysarthria: a spurious trilogy [letter] Hixon TJ, et al. **J Speech Hear Disord** 1984 Nov;49(4):435–41

Respiratory kinematics in classical (opera) singers. Watson PJ, et al. **J Speech Hear Res** 1985 Mar;28(1):104–22

Decreased training frequency and pulmonary function retention in the female athlete. DeMeersman RE, et al. **J Sports Med Phys Fitness** 1984 Jun;24(2):155–8

Neonatal heart rate variability and its relation to respiration. Giddens DP, et al. **J Theor Biol** 1985 Apr 21;113(4):759–80

Pneumothorax during positive-pressure mechanical ventilation. Bitto T, et al. **J Thorac Cardiovasc Surg** 1985 Apr;89(4):585–91

Aspiration and obstructed airways as the cause of death in 158 consecutive traffic fatalities. Ottosson A. **J Trauma** 1985 Jun;25(6):538–40

Thromboxane interaction with cardiopulmonary dysfunction in graded bacterial sepsis. Slotman GJ, et al. **J Trauma** 1984 Sep;24(9):803–10

Respiratory movements of the pancreas [letter] Kaude JV. **J Ultrasound Med** 1985 Jan;4(1):6

Effect of respiratory acidosis on ventricular shunt flow and hemodynamics in dogs with ventricular septal defect. Matsuoka S, et al. **Jpn Circ J** 1985 May;49(5):499–506

Variability of breath-by-breath tidal volume and its characteristics in normal and diseased subjects. Ventilatory monitoring with electrical impedance pneumography. Kuratomi Y, et al. **Jpn J Med** 1985 May;24(2):141–9

The influence of body size on the ventilatory response to hypercapnia. Miyamura M, et al. **Jpn J Physiol** 1985; 35(1):169–74

Trigeminal nerve activity and buccal pressure as an index of total inspiratory activity in the bullfrog. Sakakibara Y. **Jpn J Physiol** 1984;34(5):827–38

Alternate-day prednisone reduces morbidity and improves pulmonary function in cystic fibrosis. Auerbach HS, et al. **Lancet** 1985 Sep 28;2(8457):686–8

Respiratory function in scoliosis [letter] Todisco T, et al. **Lancet** 1985 Mar 30;1(8431):754

Respiratory sinus arrhythmia and the vagus [letter] Wardlaw JM. **Lancet** 1985 Jun 1;1(8440):1268–9

Respiratory rhythmically regulated electrical stimulation of paralyzed laryngeal muscles. Bergmann K, et al. **Laryngoscope** 1984 Oct;94(10):1376–80

Effect of thoracoabdominal configuration on the diaphragmatic contribution to rib cage motion. Park SS, et al. **Lung** 1984;162(4):205–21

Helium-oxygen spirometry in experimental cotton dust exposure. Sepulveda MJ, et al. **Lung** 1984;162(6):347–56

An assessment of the safety of rapidly changing magnetic fields in the rabbit: implications for NMR imaging. Gore JC, et al. **Magn Reson Imaging** 1982;1(4):191–5

Effect of resection of the sternum and manubrium in conjunction with muscle transposition on pulmonary function. Meadows JA 3d, et al. **Mayo Clin Proc** 1985 Sep; 60(9):604–9

One-lung ventilation. Baraka A. **Middle East J Anaesthesiol** 1984 Oct;7(6):375–7

Respiratory-muscle involvement in Parkinson's disease [letter] Estenne M, et al. **N Engl J Med** 1984 Dec 6; 311(23):1516–7

Central venous blood composition and the pulmonary ventilation during hemodialysis. Faro S, et al. **Nephron** 1985;41(1):45–9

Spontaneous respiratory movements with clinical brain death [letter] Turnbull J, et al. **Neurology** 1985 Aug;35(8):1260

Sleep and breathing in sleep in children with breath-holding spells. Segal S, et al. **Neuropsychobiology** 1984;12(4):209–10

Effect of hyperventilation on depression of the EEG alpha-rhythm induced by an imagined visual sensation. Shmel'kina RD. **Neurosci Behav Physiol** 1985 Mar–Apr; 15(2):165–6

Naloxone-reversible respiratory inhibition induced by muscular thin-fiber afferents in decerebrated cats. Kumazawa T, et al. **Neurosci Lett** 1985 Jan 7;53(1):81–5

Are the external and internal intercostal muscles synergist or antagonist in the cat? Le Bars P, et al. **Neurosci Lett** 1984 Oct 26;51(3):383–6

Hesitation vowels: a motor speech respiration hypothesis. Schönle PW, et al. **Neurosci Lett** 1985 Apr 19;55(3):293–6

Costal and crural diaphragm and intercostal muscle activity during augmented breaths in cats. Van Lunteren E, et al. **Neurosci Lett** 1985 May 23;56(3):283–8

Vagal afferent activities corresponding to respiratory cycle in rats. Tsubone H, et al. **Nippon Juigaku Zasshi** 1984 Jun; 46(3):377–80

Meconium aspiration and fetal acidosis. Mitchell J, et al. **Obstet Gynecol** 1985 Mar;65(3):352–5

Increasing cardiac rate by tracking the respiratory rate. Rossi P, et al. **PACE** 1984 Nov;7(6 Pt 2):1246–56

Cardiopulmonary responses during arm work on land and in a water environment of nonambulatory, spinal cord impaired individuals. DiRocco P, et al. **Paraplegia** 1985 Apr;23(2):90–9

Postnatal development of respiratory and vocal responses during aversive classical conditioning in cats. Soltysik SS, et al. **Pavlov J Biol Sci** 1984 Oct–Dec;19(4):169–81

Sudden infant death syndrome: abnormalities in short term fluctuations in heart rate and respiratory activity. Gordon D, et al. **Pediatr Res** 1984 Oct;18(10):921–6

Indomethacin and the cardiopulmonary adaptations of transition. Hammerman C, et al. **Pediatr Res** 1984 Sep; 18(9):842–5

Day-to-day pneumogram variability. Hunt CE, et al. **Pediatr Res** 1985 Feb;19(2):174–7

Maturation of eupneic respiration in the neonatal monkey. LaFramboise WA, et al. **Pediatr Res** 1984 Oct;18(10):943–8

The onset of breathing at birth stimulates pulmonary vascular prostacyclin synthesis. Leffler CW, et al. **Pediatr Res** 1984 Oct;18(10):938–42

Lung surfactant replacement in premature lambs with extracted lipids from bovine lung lavage: effects of dose, dispersion technique, and gestational age. Notter RH, et al. **Pediatr Res** 1985 Jun;19(6):569–77

Effect of maternal oxygen inhalation on the fetus with growth retardation. Vileisis RA. **Pediatr Res** 1985 Mar; 19(3):324–7

Ventilatory chemosensitivity in subjects with a history of childhood cyanotic breath-holding spells. Anas NG, et al. **Pediatrics** 1985 Jan;75(1):76–9

Aspiration in intubated premature infants. Goodwin SR, et al. **Pediatrics** 1985 Jan;75(1):85–8

Transcutaneous oxygen tension during nonnutritive sucking in preterm infants. Paludetto R, et al. **Pediatrics** 1984 Oct; 74(4):539–42

Sequential 22-hour profiles of breathing patterns and heart rate in 110 full-term infants during their first 6 months of life. Richards JM, et al. **Pediatrics** 1984 Nov;74(5):763–77

Chemoreflex drive of ventilation during exercise in ducks. Faraci FM, et al. **Pflugers Arch** 1984 Oct;402(2):162–5

Medullary respiratory-related neurons with axonal connections to rostral pons and their function in termination of inspiration. Schmid K, et al. **Pflugers Arch** 1985 Jan;403(1):58–65

Changes of ventilation and ventilatory response to hypoxia during the menstrual cycle. Takano N. **Pflugers Arch** 1984 Nov;402(3):312–6

Respiratory effects of high cervical cord cold blockade on efferent vagal and phrenic discharges in the rabbit. Webber CL Jr, et al. **Pflugers Arch** 1984 Sep;402(1):10–7

Lumbar traction: its effect on respiration. Quain MB, et al. **Phys Ther** 1985 Sep;65(9):1343–6

Respiratory behavior in groups of deaf and non-deaf GFF male mice. Stupfel M, et al. **Physiol Behav** 1984 May; 32(5):823–30

Aerodynamic assessment of the results of pharyngeal flap surgery: a preliminary investigation. Smith BE, et al. **Plast Reconstr Surg** 1985 Sep;76(3):402–10

Laryngeal receptors responding to respiratory events. Sant'Ambrogio G, et al. **Prog Clin Biol Res** 1985;176:171–82

Effects of high frequency oscillatory ventilation compared to conventional ventilation upon pulmonary vascular prostanoid production in neonatal piglets. Mitchell JA, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):107–15

Development of puffing behavior along burning time of a cigarette--no relation to alveolar inhalation or nicotine delivery of the cigarettes? Buzzi R, et al. **Psychopharmacology (Berlin)** 1985;86(1–2):102–7

Cardiopulmonary adjustments during exercise and an aversive reaction time task: effects of beta-adrenoceptor blockade. Langer AW, et al. **Psychophysiology** 1985 Jan; 22(1):59–68

Behavioral control of intractable idiopathic seizures: I. Self-regulation of end-tidal carbon dioxide. Fried R, et al. **Psychosom Med** 1984 Jul–Aug;46(4):315–31

The effects of low-voltage electric shock on respiration in the anaesthetized cat. Bradford A, et al. **Q J Exp Physiol** 1985 Jan;70(1):115–27

A simple device for breath-level monitoring during CT. Fröhlich H, et al. **Radiology** 1985 Jul;156(1):235

Measurement of mixed venous carbon dioxide pressure by rebreathing during exercise. Alves da Silva G, et al. **Respir Physiol** 1985 Mar;59(3):379–92

Pores in avian eggshells: gas conductance, gas exchange and embryonic growth rate. Ar A, et al. **Respir Physiol** 1985 Jul;61(1):1–20

The effect of low density gas breathing on vesicular lung sounds. Austrheim O, et al. **Respir Physiol** 1985 May; 60(2):145–55

Ventilatory pressure loading at constant pulmonary FCO2 in Gallus domesticus. Ballam GO, et al. **Respir Physiol** 1984 Nov;58(2):197–206

Gill arch movements and the function of the dorsal gill arch muscles in the carp. Ballintijn CM, et al. **Respir Physiol** 1985 Apr;60(1):39–57

The respiratory function of gill filament muscles in the carp. Ballintijn CM. **Respir Physiol** 1985 Apr;60(1):59–74

High frequency oscillation of the lungs alone lengthens expiration in dogs. Banzett RB, et al. **Respir Physiol** 1985 Jul;61(1):57–67

Human vocal cord movements during voluntary hyperventilation. Bartlett D Jr, et al. **Respir Physiol** 1984 Dec;58(3):289–94

Ventilatory and circulatory changes during cold exposure in the Pekin duck Anas platyrhynchos. Bech C, et al. **Respir Physiol** 1984 Jul;57(1):103–12

Characteristics of the ventilatory exercise stimulus. Bennett FM, et al. **Respir Physiol** 1985 Jan;59(1):55–63

Effect of perinatal hypercapnia on the adult ventilatory response to carbon dioxide. Birchard GF, et al. **Respir Physiol** 1984 Sep;57(3):341–7

Scaling respiratory pattern and respiratory 'drive'. Boggs DF, et al. **Respir Physiol** 1984 Dec;58(3):245–51

The ventilatory response to hypoxia in the newborn lamb after carotid body denervation. Bureau MA, et al. **Respir Physiol** 1985 Apr;60(1):109–19

Breathing pattern and diaphragm EMG after SO2 in rabbit intra- or extrathoracic airways. Citterio G, et al. **Respir Physiol** 1985 Feb;59(2):169–83

Verification of a model for the mechanisms controlling expiratory duration in rabbits under various conditions. D'Angelo E. **Respir Physiol** 1985 Feb;59(2):239–64

Ventilatory control in normal man following five minutes' exposure to hypoxia. Davidson AC, et al. **Respir Physiol** 1985 May;60(2):227–36

Respiration and lung function in the mouse, Mus musculus (with a note on mass exponents and respiratory variables). Depledge MH. **Respir Physiol** 1985 Apr;60(1):83–94

The muscular basis of aerial ventilation of the primitive lung of Amia calva. Deyst KA, et al. **Respir Physiol** 1985 Feb; 59(2):213–23

Effects of expiratory threshold loading on thoracoabdominal motion in cats. DiMarco AF, et al. **Respir Physiol** 1984 Aug;57(2):247–57

Stimulation by central command of locomotion, respiration and circulation during exercise. Eldridge FL, et al. **Respir Physiol** 1985 Mar;59(3):313–37

Laryngeal muscle and diaphragmatic activities in conscious dog pups. England SJ, et al. **Respir Physiol** 1985 Apr; 60(1):95–108

State-related incidence of spontaneous breathing during high frequency ventilation. England SJ, et al. **Respir Physiol** 1985 Jun;60(3):357–64

Role of the carotid bodies in ventilatory acclimation to chronic hypoxia by the awake cat. Fordyce WE, et al. **Respir Physiol** 1984 Nov;58(2):207–21

The effect of lung volume on regional gas transport during high frequency oscillations. Forkert L, et al. **Respir Physiol** 1984 Dec;58(3):279–87

Ventilatory adaptation to metabolic alkalosis in adult awake potassium restricted rats. Girard P, et al. **Respir Physiol** 1984 Jul;57(1):23–30

Gas diffusive conductance of sea-level hen eggs incubated at 2900 m altitude. Handrich Y, et al. **Respir Physiol** 1985 May;60(2):237–52

Taylor laminar dispersion in human airways. Haresnape AM, et al. **Respir Physiol** 1985 Feb;59(2):131–41

Comparison of the responses of the diaphragm and upper airway muscles to central stimulation of the sciatic nerve. Haxhiu MA, et al. **Respir Physiol** 1984 Oct;58(1):65–76

Increased metabolism contributes to increased resting ventilation at high altitude. Huang SY, et al. **Respir Physiol** 1984 Sep;57(3):377–85

Respiratory effects of pontine, medullary and spinal cord midline sections in the rabbit. Janczewski WA, et al. **Respir Physiol** 1984 Sep;57(3):293–305

Acid-base and ventilatory adaptation in conscious dogs during chronic hypercapnia. Jennings DB, et al. **Respir Physiol** 1984 Dec;58(3):377–93

Lung volume changes during respiration in ducks. Jones JH, et al. **Respir Physiol** 1985 Jan;59(1):15–25

The effect of hypothermia on central neural control of respiration. Kiley JP, et al. **Respir Physiol** 1984 Dec; 58(3):295–312

The roles of medullary extracellular and cerebrospinal fluid pH in control of respiration. Kiley JP, et al. **Respir Physiol** 1985 Feb;59(2):117–30

Transient PO2 and PCO2 differences between end-tidal gas and arterial blood during rebreathing in awake dogs. Loeppky JA, et al. **Respir Physiol** 1985 May;60(2):135–44

Effect of posture on ventilatory response to steady-state hypoxia and hypercapnia. Mannix SE, et al. **Respir Physiol** 1984 Oct;58(1):87–99

Respiratory afferent activity in the superior laryngeal nerves. Mathew OP, et al. **Respir Physiol** 1984 Oct;58(1):41–50

Effect of graded cooling of intermediate areas on respiratory response to vagal input. Millhorn DE, et al. **Respir Physiol** 1984 Oct;58(1):51–64

Prolonged inhibition of respiration following acute hypoxia in glomectomized cats. Millhorn DE, et al. **Respir Physiol** 1984 Sep;57(3):331–40

Respiratory volume-timing relationship during sustained elevation of functional residual capacity. Muza SR, et al. **Respir Physiol** 1984 Oct;58(1):77–86

Ventilatory responses and blood gases in susceptible and resistant rats to high altitude. Ou LC, et al. **Respir Physiol** 1984 Nov;58(2):161–70

Developmental changes in ventilation and breathing pattern in unanesthetized kittens. Parot S, et al. **Respir Physiol** 1984 Dec;58(3):253–62

Comparison of phrenic motoneuron activity in eupnea and apneusis. St John WM, et al. **Respir Physiol** 1985 Jun; 60(3):347–55

Non-vagal reflex effects on medullary inspiratory neurons during inspiratory loading. Shannon R, et al. **Respir Physiol** 1985 May;60(2):193–204

Effect of hypoxic, hyperoxic or hypercapnic ventilation on inspiratory termination in the cat. Speck DF, et al. **Respir Physiol** 1985 May;60(2):205–15

Oxygen supply and limiting oxygen pressures in an insect larva. Tenney SM. **Respir Physiol** 1985 Apr;60(1):121–34

Effects of metabolic arterial pH changes on medullary ecf pH, csf pH and ventilation in peripherally chemodenervated cats with intact blood-brain barrier. Teppema LJ, et al. **Respir Physiol** 1984 Oct;58(1):123–36

The ventilatory and acid-base physiology of the toad, Bufo marinus, during exposure to environmental hyperoxia. Toews DP, et al. **Respir Physiol** 1985 Feb;59(2):225–9

Effects of brain stem hypoxaemia on the regulation of breathing. van Beek JH, et al. **Respir Physiol** 1984 Aug; 57(2):171–88

Activation of visceral thin-fiber afferents increases respiratory output in cats. Waldrop TG, et al. **Respir Physiol** 1984 Nov;58(2):187–96

Effects of bronchoconstriction on breathing during normoxia and hypoxia in anesthetized cats. Yu LK, et al. **Respir Physiol** 1984 Jul;57(1):31–45

Restoration of pulmonary functions after reinflation in chronic atelectasis. Harada K, et al. **Respiration** 1984; 46(2):209–17

Respiratory function in normal Chinese: comparison with Caucasians. Huang SY, et al. **Respiration** 1984;46(3):265–71

Involvement of respiratory perception in the resistive load compensation. Kawakami Y, et al. **Respiration** 1985; 47(4):247–52

Respiratory function during pregnancy. Liberatore SM, et al. **Respiration** 1984;46(2):145–50

Maximal ventilation at rest and exercise in patients with chronic pulmonary disease. Mohan-Kumar T, et al. **Respiration** 1984;46(3):291–302

Effect of breathing pattern on dead space ventilation VD/VT during exercise. Mohsenifar Z, et al. **Respiration** 1985; 47(3):232–6

Effects of breathing pattern and oxygen upon the alveolar arterial oxygen pressure difference in lung disease. Ploysongsang Y, et al. **Respiration** 1985;47(1):39–47

Ventilation monitors and alarms. Klein MT, et al. **S Afr Med J** 1985 Mar 16;67(11):410–3 (20 ref.)

Intra-abdominal pressure and trunk muscle activity during lifting. IV. The causal factors of the intra-abdominal pressure rise. Hemborg B, et al. **Scand J Rehabil Med** 1985; 17(1):25–38

Across-shift changes in the pulmonary function of meat-wrappers and other workers in the retail food industry. Eisen EA, et al. **Scand J Work Environ Health** 1985 Feb;11(1):21–6

Lung mechanics and breathing pattern during wakefulness and sleep in children with enlarged tonsils. Praud JP, et al. **Sleep** 1984;7(4):304–12

Exercise testing for cardiorespiratory fitness. Hammond HK, et al. **Sports Med** 1984 May-Jun;1(3):234–9

Contribution of the rib cage to breathing in tetraplegia. Morgan MD, et al. **Thorax** 1985 Aug;40(8):613–7

Changes in ventilation and its components in normal subjects during sleep. Stradling JR, et al. **Thorax** 1985 May; 40(5):364–70

Multiplicity of functional behavior of human intercostal muscles. Arita H, et al. **Tokai J Exp Clin Med** 1983 Nov; 8(4):339–47

Changes in venous flow and intra tracheal flow in fetal breathing movements. Chiba Y, et al. **Ultrasound Med Biol** 1985 Jan-Feb;11(1):43–9

EEG and evoked potential changes during gas- and liquid-breathing dives to 1000 msw. Harris DJ, et al. **Undersea Biomed Res** 1985 Mar;12(1):1–24

Physiological effects of ventilation with liquid fluorocarbon at controlled temperatures. Shaffer TH, et al. **Undersea Biomed Res** 1984 Sep;11(3):287–98

[Possibilities for the classification of functional respiratory changes in experimental hemorrhagic shock] Tenchev P. **Khirurgiia (Sofiia)** 1984;37(4):264–70 (Eng. Abstr.) **(Bul)**

[Changes in respiratory function, functional and true intrapulmonary shunts and acid-base state depending on the type of heart defect] Marinov Kh. **Vutr Boles** 1985; 24(1):89–98 (Eng. Abstr.) **(Bul)**

[The effect of high-frequency jet ventilation on respiratory function under general anesthesia] Yie TH. **Chung Hua I Hsueh Tsa Chih** 1984 Jul;64(7):424–7 (Eng. Abstr.) **(Chi)**

[Breath-holding spell syndrome of functional disorder--a study of serum ferritin and erythrocyte acetylcholinesterase] Hu YM. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Oct; 17(5):287–9 (Eng. Abstr.) **(Chi)**

[Studies on human body responses to noise. Part III. An experimental study on responses of breathing rate, heart rate and blood pressure in 3 age groups] Wang LT, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Feb;84(2):222–7 (Eng. Abstr.) **(Chi)**

[Pulmonary function in patients with nonspecific intestinal inflammations] Bureš J, et al. **Cas Lek Cesk** 1984 Oct 12; 123(40–41):1236–9 (Eng. Abstr.) **(Cze)**

[Circadian study of ventilation in patients with bronchial asthma in practice] Erban J, et al. **Cas Lek Cesk** 1985 Apr 5;124(14):425–30 (Eng. Abstr.) **(Cze)**

[The history of the Society of Respiratory Physiology and Pathology] Navrátil M. **Cas Lek Cesk** 1985 Jul 26; 124(30):955–6 **(Cze)**

[Personal experience with the aspiration of foreign bodies in children] Rous J, et al. **Cesk Otolaryngol** 1984 Jun; 33(3):163–72 (Eng. Abstr.) **(Cze)**

[Respiratory pauses during sleep in infants] Dittrichová J, et al. **Cesk Pediatr** 1984 Aug;39(8):460–3 (Eng. Abstr.) **(Cze)**

[Hemodynamics of acute myocardial infarct. V. Ventilatory and respiratory function] Stejfa M, et al. **Vnitr Lek** 1984 Oct;30(10):1020–6 (Eng. Abstr.) **(Cze)**

[Long-term registration of respiration by means of impedance pneumography] Larsen VH, et al. **Ugeskr Laeger** 1984 Nov 5;146(45):3455–9 (Eng. Abstr.) **(Dan)**

[Meconium aspiration syndrome] Suhonen H, et al. **Duodecim** 1984;100(13):785–90 **(Fin)**

[Central control of respiration] Fleury B, et al. **Agressologie** 1985 Apr;26(4):343–5 (Eng. Abstr.) **(Fre)**

[Effects of the type of respiration (spontaneous, assisted, with positive expiratory pressure) on the frequency of gas embolism in sitting position surgery] Hachet JL, et al. **Agressologie** 1984 May;25(6):683–4 (Eng. Abstr.) **(Fre)**

[Value of positive expiratory pressure during spontaneous respiration in neurotraumatology and neurosurgery] Poussel JF, et al. **Agressologie** 1984 Jun;25(7):797–9 (Eng. Abstr.) **(Fre)**

[Nasal physiology] Monteil JP. **Ann Chir Plast Esthet** 1985; 30(2):181–4 (Eng. Abstr.) **(Fre)**

[Relation between nutrition and the respiratory system. Value in intensive care] Laaban JP. **Ann Fr Anesth Reanim** 1984; 3(5):364–70 (52 ref.) **(Fre)**

[Technical difficulties raised by the suppression of ventilatory responses from peripheral chemoreceptors in the rat] Lagneaux D. **Arch Int Physiol Biochim** 1984 Aug; 92(2):139–45 (Eng. Abstr.) **(Fre)**

[Static thoracicoabdominal characteristics] Peslin R. **Bull Eur Physiopathol Respir** 1984 Sep-Oct;20(5):403–7 **(Fre)**

[Possible inspiratory or expiratory synergism between various external and internal intercostal muscles in cats] Le Bars P, et al. **C R Acad Sci [III]** 1984;299(13):541–6 (Eng. Abstr.) **(Fre)**

[Transverse and vertical laparotomies in surgery of the abdominal aorta. Comparative study of digestive and respiratory function recovery] Joyeux A, et al. **Chirurgie** 1984;110(5):579–85 (Eng. Abstr.) **(Fre)**

[Neurophysiologic and respiratory changes during the practice of relaxation technics] Gallois P. **Encephale** 1984; 10(3):139–44 (Eng. Abstr.) **(Fre)**

[Gastroesophageal reflux and respiratory manifestations (letter)] Maroy B, et al. **Gastroenterol Clin Biol** 1985 Jun-Jul;9(6–7):542–3 **(Fre)**

[Spontaneous respiration in artificial ventilation. Importance of valve resistance (letter)] Iotti G, et al. **Presse Med** 1985 Jan 26;14(3):165–6 **(Fre)**

[Trial treatment of migraine attack by rebreathing of expired air (letter)] Pradalier A, et al. **Presse Med** 1984 Sep 15; 13(31):1901 **(Fre)**

[Comparative evaluation of the respiratory consequences of supraumbilical and bi-subcostal median laparotomy incisions (letter)] Spay G. **Presse Med** 1985 Jan 26;14(3):163 **(Fre)**

[Additional inspiratory load and respiratory muscle training (letter)] Vandevenne A, et al. **Presse Med** 1985 Mar 2; 14(9):551 **(Fre)**

[Diffuse pulmonary carcinomatous lymphangitis. Study of respiratory function in 18 cases] Weynants P, et al. **Rev Mal Respir** 1984;1(6):343–9 (Eng. Abstr.) **(Fre)**

[How do we breath?] Estenne M, et al. **Rev Med Brux** 1985 Apr;6(4):287–8 (Eng. Abstr.) **(Fre)**

[Training respiratory muscles in subjects with chronic obstructive bronchopneumopathy] Vandevenne A, et al. **Rev Pneumol Clin** 1984;40(5):285–92 (Eng. Abstr.) **(Fre)**

[Long-term treatment of systemic scleroderma with coagulation factor XIII. Developmental monitoring, especially of respiratory function] Euller-Ziegler L, et al. **Rev Rhum Mal Osteoartic** 1984 Oct;51(9):503–5 **(Fre)**

[Cardiorespiratory and metabolic variations during long-term (2 h.) submaximal exercise (p = 40% of P max.) under hypothermal conditions (zero C)] Vogelaere P, et al. **Schweiz Z Sportmed** 1985 Mar;33(1):13–20 (Eng. Abstr.) **(Fre)**

[Control of spontaneous respiration with continuous positive airway pressure using transthoracic electrical impedance. Studies in subjects with healthy lungs] Duma S, et al. **Anaesthesist** 1984 Nov;33(11):552–9 (Eng. Abstr.) **(Ger)**

[A simple method for monitoring spontaneous respiration] Klöss T, et al. **Anaesthesist** 1985 Jul;34(7):371–2 (Eng. Abstr.) **(Ger)**

[Diagnostic and prognostic significance of hemodynamic and respiratory parameters in venous air embolism] Müller H, et al. **Anaesthesist** 1984 Oct;33(10):493–8 (Eng. Abstr.) **(Ger)**

[Postoperative pulmonary function following abdominal surgery. Comparison of continuous, segmental thoracic peridural anesthesia and intramuscular piritramide injections] Seeling W, et al. **Anaesthesist** 1984 Sep; 33(9):408–16 (Eng. Abstr.) **(Ger)**

[The effect of various ventilation conditions on evoked potentials of the visual cortex of the cat in distention of the stomach] Fichtner D, et al. **Biomed Biochim Acta** 1985; 44(4):585–93 (Eng. Abstr.) **(Ger)**

[Respiration mechanics and ECG findings in experimental metabolic alkalosis in cattle] Goetze L, et al. **DTW** 1984 Sep 7;91(9):307–13 (Eng. Abstr.) **(Ger)**

[Orofacial dyskinesias as an expression of a disturbed relationship of breathing, digestion and movement] von Treuenfels H. **Fortschr Kieferorthop** 1985 Jun;46(3):191–206 (Eng. Abstr.) **(Ger)**

[Intensity control and performance evaluation in jogging. Relations between respiratory step frequency and blood lactate level] Jablonski D, et al. **Fortschr Med** 1985 Jan 24;103(4):47–50 (Eng. Abstr.) **(Ger)**

[Respiratory regulation in infancy] Haidmayer R, et al. **Prax Klin Pneumol** 1984 Jul;38(7):267–71 (Eng. Abstr.) **(Ger)**

[Foreign body aspiration in childhood: diagnostic problems] Grundner HG, et al. **Rontgenblatter** 1984 Oct;37(10):343–6 (Eng. Abstr.) **(Ger)**

[Ventilation-improving measures without assistance] Bucklitsch W. **Z Arztl Fortbild (Jena)** 1984;78(15):606–8 **(Ger)**

[Behavior of circulatory and respiratory parameters within maximal and submaximal load and endurance limits in men in the 5th and 6th decades of life] Frauendorf H, et al. **Z Gesamte Hyg** 1985 Mar;31(3):157–9 (Eng. Abstr.) **(Ger)**

[Inhalation of carbon disulfide--studies of carbon disulfide intake under dynamic doses] Herrmann G, et al. **Z Gesamte Hyg** 1985 Jun;31(6):369–72 (Eng. Abstr.) **(Ger)**

[Cardiovascular and respiratory parameters by local dynamic muscle work of different working frequencies at endurance limits] Kobryn U, et al. **Z Gesamte Hyg** 1985 Apr; 31(4):202–4 (Eng. Abstr.) **(Ger)**

[Detection of the bioelectric activity of respiratory musculature in clinically healthy persons of various ages] Guntschewa M. **ZFA** 1984 Sep-Oct;39(5):299–302 (Eng. Abstr.) **(Ger)**

[Evaluation of respiratory and cardiocirculatory function during adenotonsillectomy in relation to 3 different anesthesiological methods] Corli O, et al. **Acta Otorhinolaryngol Ital** 1985 Jan-Feb;5(1):59–69 (Eng. Abstr.) **(Ita)**

[Respiratory function after traumatic rupture of the diaphragm] Ferrari M, et al. **Chir Ital** 1985 Feb;37(1):37–45 (Eng. Abstr.) **(Ita)**

[Ventilatory function in a group of workers in a thermoelectric power plant involved in handling coal] Paggiaro PL, et al. **Med Lav** 1984 Sep-Oct;75(5):399–403 (Eng. Abstr.) **(Ita)**

[Respiratory heat loss under hyperbaric helium-oxygen environment (101 bar)] Naraki N, et al. **Ann Physiol Anthropol** 1984 Jul;3(3):227–36 (Eng. Abstr.) **(Jpn)**

[Prototype of a respiratory monitor using inductive transducers] Imai S, et al. **Iyodenshi To Seitai Kogaku** 1985 Feb;23(1):46–8 (Eng. Abstr.) **(Jpn)**

[Estimation of inhalation volume in rats] Kubota Y, et al. **Jikken Dobutsu** 1984 Oct;33(4):535–8 (Eng. Abstr.) **(Jpn)**

[Spirometry gated 133Xe ventilation imaging and phase analysis for assessment of regional lung function] Inoue T. **Kaku Igaku** 1984 Oct;21(10):1237–65 (Eng. Abstr.) **(Jpn)**

[Experiment with respiratory gated liver imaging with Fourier analysis in patients with liver cirrhosis] Seto M, et al. **Kaku Igaku** 1984 Jul;21(7):867–70 (Eng. Abstr.) **(Jpn)**

[Ventilatory response during exercise in patients with ischemic heart disease] Kado T, et al. **Kokyu To Junkan** 1984 Aug;32(8):823–7 (Eng. Abstr.) **(Jpn)**

[Blood-gas equilibration of CO2 in the lung during rebreathing] Kawashiro T. **Kokyu To Junkan** 1985 Jan; 33(1):5–15 **(Jpn)**

[Effect of the pulmonary gas volume on P0.1] Nakashima A, et al. **Kokyu To Junkan** 1985 Feb;33(2):199–204 (Eng. Abstr.) **(Jpn)**

[Ventilatory responses to hypercapnia and hypoxia: the sexual difference and changes during the menstrual cycle] Takano N. **Kokyu To Junkan** 1985 Jan;33(1):17–23 **(Jpn)**

[Hemodynamic and respiratory effects of epidural analgesia for gastrectomy in geriatric patients] Kosaka Y, et al. **Masui** 1985 Jan;34(1):100–7 (Eng. Abstr.) **(Jpn)**

[Frequency analysis of CO2 regulation of the respiratory system; relationship between end-tidal and sinusoidally varying inspired CO2] Matsushita F. **Masui** 1985 Jan; 34(1):51–8 (Eng. Abstr.) **(Jpn)**

[Nasal respiratory resistance in healthy adults using oscillation method] Iga T, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Apr;88(4):486–91 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of regional pulmonary function in lung cancer using quantitative lung scanning--its application to the patients with poor pulmonary function] Hara F, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Aug;32(8):1184–92 (Eng. Abstr.) **(Jpn)**

[Studies on respiratory and hemodynamic changes in one-stage operation for esophageal cancer--with special reference to the surgical procedures in relations to the surgical influences] Ohtani H. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Aug;32(8):1123–42 (Eng. Abstr.) **(Jpn)**

[Control of breathing during non-REM sleep] Nishimura M. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar; 23(3):276–85 (Eng. Abstr.) **(Jpn)**

[Abnormal breathing during sleep in patients with chronic respiratory failure] Ohi M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar; 23(3):296–301 (Eng. Abstr.) **(Jpn)**

[Comparative studies on quantitative evaluation of the hypoxic ventilatory response] Yamamoto H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Nov; 22(11):979–84 (Eng. Abstr.) **(Jpn)**

[Amplitude of cardiogenic oscillations (CO) of helium and nitrogen concentrations on simultaneous single-breath washout curves] Yoshioka T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jun; 22(6):453–60 (Eng. Abstr.) **(Jpn)**

[The validity of the estimated maximal oxygen intake by different indirect methods in middle-aged and elderly men] Hino S. **Nippon Ronen Igakkai Zasshi** 1984 Mar; 21(2):124–32 (Eng. Abstr.) **(Jpn)**

[Bacteriological studies of the feces from methane-producers and nonproducers in the expired air] Hoshi T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):223–31 (Eng. Abstr.) **(Jpn)**

[Systemic blood pressure and respiration during plateau wave phenomena] Hayashi M, et al. **No To Shinkei** 1985 Mar; 37(3):249–54 (Eng. Abstr.) **(Jpn)**

[Pulmonary function in amyotrophic lateral sclerosis] Hayabara T. **Rinsho Shinkeigaku** 1984 Dec;24(12):1239–41 (Eng. Abstr.) **(Jpn)**

[Intrapulmonary reactions of workers exposed to dust and ozone] Tsunoda T, et al. **Sangyo Igaku** 1984 Jan;26(1):53–67 (Eng. Abstr.) **(Jpn)**

[Spirometric studies in women during normal pregnancy and in pregnancy complicated by anemia] Skrzypiec R. **Ginekol Pol** 1984 Jul;55(7):487–91 (Eng. Abstr.) **(Pol)**

[Effect of kinesitherapy on pulmonary ventilation in children with congenital heart defects after operations under extracorporeal circulation] Paulisz J, et al. **Pediatr Pol** 1984 Sep;59(9):771–7 (Eng. Abstr.) **(Pol)**

[Disorders of respiratory function in chronic pulmonary embolism] Radzikowska E, et al. **Pneumonol Pol** 1985 Mar; 53(3):143–50 (Eng. Abstr.) **(Pol)**

[An attempt at interpreting the linear correlation between the indicators of forced expiration: MTT and FEV1% FVC] Spychala A, et al. **Pneumonol Pol** 1985 Mar; 53(3):121–7 (Eng. Abstr.) **(Pol)**

[Effect of 6-month motor rehabilitation on pulmonary ventilation after cardiosurgical operations] Petelenz T, et al. **Pol Arch Med Wewn** 1985 Feb;73(2):103–11 (Eng. Abstr.) **(Pol)**

[Effect of temporary hyperventilation on the angiographic image of pathological vascularization of brain tumors] Bryc S, et al. **Pol Przegl Radiol (Warszawa)** 1984 Jul–Aug; 48(4):189–92 (Eng. Abstr.) **(Pol)**

[Effect of exercise therapy on basic spirometric indicators in children with asthma treated at a seaside health resort] Alkiewicz J, et al. **Pol Tyg Lek** 1984 May 14;39(20):669–71 (Eng. Abstr.) **(Pol)**

[Functional evaluation of respiration before and after dialysis in patients with chronic uremia] Frank-Piskorska A, et al. **Pol Tyg Lek** 1985 May 27;40(21):600–3 (Eng. Abstr.) **(Pol)**

[Usefulness of determining closing volume for evaluation of the functional state of the peripheral respiratory system in patients with chronic bronchitis] Kurgan J. **Pol Tyg Lek** 1985 May 27;40(21):593–6 (Eng. Abstr.) **(Pol)**

[Various characteristics of external respiratory function in premature newborn infants in the early neonatal period] V'iazkova MG, et al. **Akush Ginekol (Mosk)** 1984 Oct; (10):55–8 (Eng. Abstr.) **(Rus)**

[Possibilities for controlling respiration postoperatively by electrical stimulation of the phrenic nerves] Priĭmak AA, et al. **Anesteziol Reanimatol** 1985 Mar–Apr;(2):49–52 (Eng. Abstr.) **(Rus)**

[External respiration, oxygen consumption, blood gases and acid-base equilibrium as indices of the antihypoxic effect of balanced general anesthesia in children] Prutovykh NN, et al. **Anesteziol Reanimatol** 1984 Sep–Oct;(5):60–3 (Eng. Abstr.) **(Rus)**

[Regulation of respiration during muscular exertion] Shik LL. **Biol Nauki** 1985;(6):18–29 (64 ref.) (Eng. Abstr.) **(Rus)**

[Dynamics of external respiration and gas exchange in combined body exposure to hypoxia and hypercapnia] Agadzhanian NA, et al. **Fiziol Cheloveka** 1984 Jul–Aug; 10(4):610–6 **(Rus)**

[Structure of the respiratory cycle in excessive intrapulmonary pressure and different oxygen levels of respiratory mixtures] Breslav IS, et al. **Fiziol Cheloveka** 1985 Mar–Apr;11(2):262–5 **(Rus)**

[Excretion of nonvolatile substances with expired air] Dobrykh VA. **Fiziol Cheloveka** 1984 Jul–Aug;10(4):681–2 **(Rus)**

[Respiration, hemo- and cardiodynamics and body oxygen regimens in athletes in the mountains] Filippov MM, et al. **Fiziol Cheloveka** 1984 Jul–Aug;10(4):617–22 **(Rus)**

[Respiration and hemodynamics in the case of a varying biomechanical structure] Gandel'sman AB, et al. **Fiziol Cheloveka** 1984 Mar–Apr;10(2):287–90 **(Rus)**

[Ventilatory function of the lungs in middle-aged and elderly persons with hypercapnia] Ivanov LA. **Fiziol Cheloveka** 1985 Mar–Apr;11(2):272–9 **(Rus)**

[External respiratory function and acid-base equilibrium during fatigue] Krasnikov NP, et al. **Fiziol Cheloveka** 1985 Mar–Apr;11(2):266–71 **(Rus)**

[External respiratory and circulatory functions determining and limiting human physical work capacity] Krasnikov NP. **Fiziol Cheloveka** 1984 Nov–Dec;10(6):1036–41 **(Rus)**

[Factors determining the efficiency of voluntary decreased ventilation during muscle work by using instrumental feedback] Kuchkin SN. **Fiziol Cheloveka** 1984 Jul–Aug; 10(4):623–30 **(Rus)**

[Measurement of alveolar pressure during forced respiration using a whole-body plethysmography] Liubimov GA. **Fiziol Cheloveka** 1985 Jan–Feb;11(1):69–78 **(Rus)**

[2 types of adaptation of human cardiorespiratory indices to physical loading] Rozenblat VV, et al. **Fiziol Cheloveka** 1985 Jan–Feb;11(1):102–6 **(Rus)**

[Inspiratory and expiratory flow rates under different breathing regimens in people of different ages] Ivanov LA. **Fiziol Zh** 1985 Jan–Feb;31(1):33–8 (Eng. Abstr.) **(Rus)**

[External respiration, gas exchange and blood oxygen parameters in acute methemoglobinemia] Seredenko MM, et al. **Fiziol Zh** 1985 May–Jun;31(3):262–6 (Eng. Abstr.) **(Rus)**

[Changes in the indices of external respiration, gas exchange and the oxygen-transporting function of the blood in chronic methemoglobinemia] Sidoriak NG. **Fiziol Zh** 1985 Jan–Feb;31(1):76–9 **(Rus)**

[Effect of nasal respiration on the electrical activity of skeletal musculature] Bakuradze AN, et al. **Fiziol Zh SSSR** 1985 Jan;71(1):8–14 (Eng. Abstr.) **(Rus)**

[Measurement of oxygen consumption and external respiratory parameters in seals (Phoca vitulina) swimming freely in a pool] Baranov EA, et al. **Fiziol Zh SSSR** 1985 Mar;71(3):389–92 **(Rus)**

[Status and prospects for research on the mechanisms of respiratory regulation] Breslav IS, et al. **Fiziol Zh SSSR** 1985 Mar;71(3):283–92 (69 ref.) **(Rus)**

[Reactions of the external respiration in waking dogs to hypercapnia] Konza EA. **Fiziol Zh SSSR** 1985 Mar; 71(3):310–5 (Eng. Abstr.) **(Rus)**

[Bulbar chemoreceptors of respiration] Peskov BIa, et al. **Fiziol Zh SSSR** 1985 Mar;71(3):293–303 (45 ref.) **(Rus)**

[Use of various indicators of the state of immunological reactivity and physiological functions for the evaluation of the health status of the population] Korneliuk VA, et al. **Gig Sanit** 1984 Aug;(8):8–12 **(Rus)**

[Effect of a dynamic microclimate on the functional state of senior schoolchildren] Voronova BZ, et al. **Gig Sanit** 1984 Aug;(8):27–9 (Eng. Abstr.) **(Rus)**

[Respiratory function in workers engaged in the manufacture of graphite articles] Gladkova EV, et al. **Gig Tr Prof Zabol** 1984 Aug;(8):31–4 (Eng. Abstr.) **(Rus)**

[Indicators of spiroveloergometry and the sympathetic-adrenal system in patients with exertion-induced angina pectoris with different types of circulation] Kozhinskiĭ VM, et al. **Kardiologiia** 1984 Oct; 24(10):23–7 (Eng. Abstr.) **(Rus)**

[The oxygen supply in patients with neurocirculatory asthenia during exercise] Makolkin VI, et al. **Kardiologiia** 1984 Nov;24(11):71–6 (Eng. Abstr.) **(Rus)**

[Role of recording local respiratory fluctuations of the anterior abdominal wall in acute cholecystitis] Kharchenko VG, et al. **Klin Khir** 1984 Sep;(9):51–2 (Eng. Abstr.) **(Rus)**

[Effect of short-term head-down tilt hypokinesia on the dynamics of the cardiorespiratory indices during graduated physical loading] Genin AM, et al. **Kosm Biol Aviakosm Med** 1985 Mar–Apr;19(2):43–6 (Eng. Abstr.) **(Rus)**

[External respiration, pulmonary gas exchange and energy expenditure in weightlessness] Kas'ian II, et al. **Kosm Biol Aviakosm Med** 1984 Nov–Dec;18(6):4–9 (21 ref.) (Eng. Abstr.) **(Rus)**

[Methods of measuring the parameters of external respiration and gas exchange in rhesus monkeys] Korol'kov VI, et al. **Kosm Biol Aviakosm Med** 1985 Jan–Feb;19(1):80–2 **(Rus)**

[Changes in regional hemodynamics and gas exchange in healthy males after moderate blood loss and blood reinfusion in response to antiorthostatic hypokinesia] Vorob'ev VE, et al. **Kosm Biol Aviakosm Med** 1985 Jan–Feb;19(1):45–8 (Eng. Abstr.) **(Rus)**

[Prognosis of the postoperative external respiratory function based on radionuclide research data] Bogdasarov IuV, et al. **Med Radiol (Mosk)** 1985 Aug;30(8):37–41 (Eng. Abstr.) **(Rus)**

[Respiratory patterns in hemorrhagic shock] Nasonkin OS, et al. **Patol Fiziol Eksp Ter** 1985 Mar–Apr;(2):52–5 (Eng. Abstr.) **(Rus)**

[Changes in external respiration and gas exchange in cats during hyperthermia] Tashliev VA, et al. **Patol Fiziol Eksp Ter** 1984 Nov–Dec;(6):62–5 (Eng. Abstr.) **(Rus)**

[Clinico-functional changes after lung resection in children treated at a Black Sea health resort in the Caucasus] Iusupov MIu, et al. **Pediatriia** 1984 Sep;(9):14–6 (Eng. Abstr.) **(Rus)**

[Respiratory mechanics in patients with chronic nonspecific lung diseases] Andrianov IuA, et al. **Probl Tuberk** 1984 Dec;(12):33–7 (Eng. Abstr.) **(Rus)**

[Circadian organization of the indices of external respiration in bronchial asthma patients] Fedoseev GB, et al. **Ter Arkh** 1985;57(3):42–8 (Eng. Abstr.) **(Rus)**

[External respiratory function in patients with primary pulmonary emphysema etiologically related to alpha 1-antitrypsin deficiency] Gembitskaia TE, et al. **Ter Arkh** 1985;57(3):91–6 (Eng. Abstr.) **(Rus)**

[Age- and sex-related aspects of changes in external respiratory functions in the population of high-altitude Mongolia] Olziikhutag A, et al. **Ter Arkh** 1985;57(2):123–6 (Eng. Abstr.) **(Rus)**

[External respiratory function in patients with chronic renal failure treated with hemodialysis] Stavskaia VV, et al. **Ter Arkh** 1984;56(7):74–7 (Eng. Abstr.) **(Rus)**

[Quantitative criteria for the evaluation of a functional system responsible for gas homeostasis] Medelianovskiĭ AN, et al. **Vestn Akad Med Nauk SSSR** 1985;(2):63–70 (Eng. Abstr.) **(Rus)**

[Effect of acupuncture therapy on external respiratory function in bronchial asthma patients] Gaponiuk PIa, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Jul–Aug; (4):28–30 (Eng. Abstr.) **(Rus)**

[Disorders of microcirculation, hemodynamic indices and external respiratory function in nonspecific inflammatory lung diseases] Berezhnitskiĭ MN, et al. **Vrach Delo** 1984 Aug;(8):43–6 (Eng. Abstr.) **(Rus)**

[Respiratory center activity in patients with bronchial asthma] Mitić M, et al. **Srp Arh Celok Lek** 1984 Oct; 112(10):1055–63 (Eng. Abstr.) **(Sce)**

[Respiratory function during physical loading] Kanceljak-Macan B, et al. **Lijec Vjesn** 1985 Jan;107(1):31–7 (Eng. Abstr.) **(Scr)**

[The effect of military training on maximal oxygen consumption, general muscle strength and body mass of female soldiers] Dimitrijević B, et al. **Vojnosanit Pregl** 1984 Sep–Oct;41(5):393–6 (Eng. Abstr.) **(Scr)**

[Oxygen consumption and carbon dioxide output in children in the 1st year of life] Soltés L, et al. **Cesk Pediatr** 1984 Sep;39(9):506–8 (Eng. Abstr.) **(Slo)**

[Pulmonary ventilation: to will or to be able] Montserrat Canal JM. **Med Clin (Barc)** 1985 Feb 16;84(6):230–2 **(Spa)**

[Respiratory muscle fatigue] Roncoroni AJ. **Medicina (B Aires)** 1984;44(2):211–5 **(Spa)**

DRUG EFFECTS

Respiratory depression produced by injection of GABA into the fourth ventricle of the rabbit. Xiang JZ, et al. **Acta Acad Med Wuhan** 1985;5(1):10–4

Naloxone and pentazocine given after morphine. Cardan E, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:265–70

Intravenous sedation for the intubated and spontaneously breathing patient in the intensive care unit. Bird TM, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):640–3

Precurarization with vecuronium and pancuronium in awake, healthy volunteers: the influence on neuromuscular transmission and pulmonary function. Engbaek J, et al. **Acta Anaesthesiol Scand** 1985 Jan;29(1):117–20

The effects of aerosols of carbamylcholine, serotonin and propranolol on the ventilatory response to CO2 in guinea pigs and comparison with the effects of histamine and sulfuric acid. Schaper M, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Mar;56(3):244–9

Cardiorespiratory reflex effects induced by intravenous administration of ethanol in rats. Penna M, et al. **Alcohol** 1985 Jul–Aug;2(4):603–9

A symposium: beta blockers and exercise. Introduction. **Am J Cardiol** 1985 Apr 26;55(10):1D–2D

Beta blockers and exercise. Workshops. **Am J Cardiol** 1985 Apr 26;55(10):167D–171D

Effects of cardioselective and nonselective beta-adrenergic blockade on the performance of highly trained runners. Anderson RL, et al. **Am J Cardiol** 1985 Apr 26; 55(10):149D–154D

Can patients with coronary artery disease receiving beta blockers obtain a training effect? Froelicher V, et al. **Am J Cardiol** 1985 Apr 26;55(10):155D–161D

Exercise training during long-term beta-blockade treatment in healthy subjects. Savin WM, et al. **Am J Cardiol** 1985 Apr 26;55(10):101D–109D

Cardiorespiratory alterations consequent to endurance exercise training during chronic beta-adrenergic blockade with atenolol and propranolol. Wilmore JH, et al. **Am J Cardiol** 1985 Apr 26;55(10):142D–148D

Pharmacologic and pharmacokinetic properties of methocarbamol in the horse. Muir WW, et al. **Am J Vet Res** 1984 Nov;45(11):2256–60

Circulatory and respiratory effects of methoxyflurane in dogs: comparison of halothane. Steffey EP, et al. **Am J Vet Res** 1984 Dec;45(12):2574–9

Respiratory effects of photochemical oxidant air pollution in exercising adolescents. Avol EL, et al. **Am Rev Respir Dis** 1985 Sep;132(3):619–22

Effects of hydralazine on hemodynamics, ventilation, and gas exchange in patients with chronic obstructive pulmonary disease and pulmonary hypertension. Keller CA, et al. **Am Rev Respir Dis** 1984 Oct;130(4):606–11

Reproducibility of individual responses to ozone exposure. McDonnell WF 3d, et al. **Am Rev Respir Dis** 1985 Jan; 131(1):36–40

Effect of naloxone on ventilatory control in parents of victims of sudden infant death syndrome. Schiffman PL, et al. **Am Rev Respir Dis** 1984 Dec;130(6):964–8

The cardiorespiratory effects of ICI 35 868 in patients with valvular heart disease. Aun C, et al. **Anaesthesia** 1984 Nov; 39(11):1096–100

Ventilatory response during halothane and enflurane anaesthesia. Charlton AJ, et al. **Anaesthesia** 1985 Jan; 40(1):18–22

Response to carbon dioxide after oral midazolam and pentobarbitone. Power SJ, et al. **Anaesthesia** 1984 Dec; 39(12):1183–7

Postoperative pain relief with naloxone. Severe respiratory depression and pain after high dose buprenorphine. Schmidt JF, et al. **Anaesthesia** 1985 Jun;40(6):583–6

Antagonism of fentanyl and alfentanil by intravenous plus subcutaneous naloxone. Pattern of ventilatory depression after a short procedure. Valgardsson A, et al. **Anaesthesia** 1985 Aug;40(8):772–6

Respiratory sinus arrhythmia during recovery from isoflurane-nitrous oxide anesthesia. Donchin Y, et al. **Anesth Analg** 1985 Aug;64(8):811–5

Fentanyl's analgesic, respiratory, and cardiovascular actions in relation to dose and plasma concentration in unanesthetized dogs. Arndt JO, et al. **Anesthesiology** 1984 Oct;61(4):355–61

Physostigmine: effectiveness as an antagonist of respiratory depression and psychomotor effects caused by morphine or diazepam. Bourke DL, et al. **Anesthesiology** 1984 Nov; 61(5):523–8

Precurarization inhibits maximal ventilatory effort. Bruce DL, et al. **Anesthesiology** 1984 Nov;61(5):618–21

Comparison of the ventilatory effects of etomidate and methohexital. Choi SD, et al. **Anesthesiology** 1985 Apr; 62(4):442–7

Respiratory effects of intrathecal morphine after upper abdominal surgery. Clergue F, et al. **Anesthesiology** 1984 Dec;61(6):677–85

Respiratory depression following orally administered flunitrazepam for preanesthetic medication in children. Forster A, et al. **Anesthesiology** 1984 Nov;61(5):597–601

Ventilatory and analgesic effects of dezocine in humans. Gal TJ, et al. **Anesthesiology** 1984 Dec;61(6):716–22

Transient decreases in respiratory rate following epidural injections. Gissen D, et al. **Anesthesiology** 1985 Jun; 62(6):822–4

The effect of lidocaine infusion on the ventilatory response to hypoxia. Gross JB, et al. **Anesthesiology** 1984 Dec; 61(6):662–5

Ventilatory responses to acute metabolic acidemia in humans awake, sedated, and anesthetized with halothane. Knill RL, et al. **Anesthesiology** 1985 Jun;62(6):745–53

Ventilatory response to CO2 following intravenous and epidural lidocaine. Labaille T, et al. **Anesthesiology** 1985 Aug;63(2):179–83

Nalbuphine antagonism of ventilatory depression following high–dose fentanyl anesthesia. Moldenhauer CC, et al. **Anesthesiology** 1985 May;62(5):647–50

Accidental epidural overdose of hydromorphone [letter] Moon RE, et al. **Anesthesiology** 1985 Aug;63(2):238–9

Ventilatory response to CO2 following axillary blockade with bupivacaine. Negre I, et al. **Anesthesiology** 1985 Oct; 63(4):401–3

Halothane anesthesia reduces pulmonary function in the newborn lamb. Robinson SL, et al. **Anesthesiology** 1985 May;62(5):578–81

The effect of ketamine on the functional residual capacity in young children. Shulman D, et al. **Anesthesiology** 1985 May;62(5):551–6

The effect of physostigmine on diazepam–induced ventilatory depression: a double–blind study. Spaulding BC, et al. **Anesthesiology** 1984 Nov;61(5):551–4

Effects of halothane on the ventilatory response to hypoxia and hypercapnia in cats. van Dissel JT, et al. **Anesthesiology** 1985 Apr;62(4):448–56

Does almitrine restore halothane–induced depression of hypoxic respiratory drive? [letter] Ward DS. **Anesthesiology** 1984 Nov;61(5):627–8

Effects of succinylcholine on respiratory and nonrespiratory muscle strength in humans. Williams JP, et al. **Anesthesiology** 1985 Sep;63(3):299–303

The effect of drugs on respiration in man. Keats AS. **Annu Rev Pharmacol Toxicol** 1985;25:41–65 (101 ref.)

Ventilatory effects of domperidone, a new dopamine antagonist, in anaesthetized rabbits. Delpierre S, et al. **Arch Int Pharmacodyn Ther** 1985 May;275(1):47–58

Analysis by microcomputer of the effect of capsaicin on pulmonary mechanics in the rat and guinea–pig. Mitchell HW. **Arch Int Pharmacodyn Ther** 1985 Jun;275(2):279–86

The respiratory response to stimulation of juxta–pulmonary capillary receptors in the non–anesthetized cat. Ginzel KH, et al. **Arzneimittelforsch** 1985;35(1A):182–7

Changes in ventilatory patterns during halothane anaesthesia in children. Murat I, et al. **Br J Anaesth** 1985 Jun; 57(6):569–72

The effect of chlormethiazole on the hypoxic drive to breathing in normal man. Calverley PM, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):163–7

Chlorpromazine--a specific effect on breathlessness? O'Neill PA, et al. **Br J Clin Pharmacol** 1985 Jun;19(6):793–7

Effects of beta–adrenoceptor blockade on exercise performance and respiratory response in healthy, physically untrained humans. Violante B, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):811–5

The effects of a new opioid analgesic, meptazinol, on the respiration of the conscious rat. Cowlrick IS, et al. **Br J Pharmacol** 1985 May;85(1):205–11

Changes in carotid body amine levels and effects of dopamine on respiration in rats treated neonatally with capsaicin. McQueen DS, et al. **Br J Pharmacol** 1984 Dec;83(4):909–18

Ventilatory stimulation by dopamine–receptor antagonists in the mouse. Olson LG, et al. **Br J Pharmacol** 1985 May; 85(1):133–41

Alcohol, cardiorespiratory function and work performance. Bond V, et al. **Br J Sports Med** 1984 Sep;18(3):203–6

Cardiorespiratory effects produced by application of L–glutamic and kainic acid to the ventral surface of the cat hindbrain. Gatti PJ, et al. **Brain Res** 1985 Mar 18; 330(1):21–9

Enhancement of respiratory response to carbon dioxide produced by lesioning caudal regions of the nucleus of the tractus solitarius. Sinclair JD, et al. **Brain Res** 1985 Jun 17;336(2):318–20

The effect of bronchodilator drugs on breath–holding capability in asthma. Allen SC, et al. **Bull Eur Physiopathol Respir** 1984 Nov–Dec;20(6):529–34

Respiratory depression following epidural morphine [letter] Jyu C, et al. **Can Anaesth Soc J** 1985 Jan;32(1):99–100

Effect of upper airway carbon dioxide on ventilation and blood gases in the awake pony. Orr JA, et al. **Can J Physiol Pharmacol** 1984 Jul;62(7):793–7

Minimal effect of alcohol ingestion on breathing during the sleep of postmenopausal women. Block AJ, et al. **Chest** 1985 Aug;88(2):181–4

Periodic breathing triggered by hypoxia in normal awake adults. Modification by naloxone. Chadha TS, et al. **Chest** 1985 Jul;88(1):16–23

Effects of noradrenaline and isoproterenol on cardiopulmonary function in a canine model of acute pulmonary hypertension. Molloy DW, et al. **Chest** 1985 Sep;88(3):432–5

Hemodynamic and respiratory effects of dezocine, ciramadol, and morphine. Rothbard RL, et al. **Clin Pharmacol Ther** 1985 Jul;38(1):84–8

Ventilatory response to inspired CO2 in the lizard, Tupinambis nigropunctatus. Ballam GO. **Comp Biochem Physiol [A]** 1984;78(4):757–62

Breathing pattern in anesthetized chickens: CO2 inhalation and vagotomy. Hambolu JO, et al. **Comp Biochem Physiol [A]** 1985;81(1):185–90

Ventilatory and cardiovascular responses of the unanaesthetized chicken, Gallus domesticus, to the respiratory stimulants etamiphylline and almitrine. Gleeson M, et al. **Comp Biochem Physiol [C]** 1985;81(2):367–74

Possible doxapram reversal of ventilator dependence in a brain–damaged patient. Gilbert J, et al. **Crit Care Med** 1985 Jul;13(7):605–6

Effect of morphine on fetal electrocortical activity and breathing movements in fetal sheep. Toubas PL, et al. **Dev Pharmacol Ther** 1985;8(2):115–28

Effects of submicrometer sulfuric acid aerosols on mucociliary transport and respiratory mechanics in asymptomatic asthmatics. Spektor DM, et al. **Environ Res** 1985 Jun;37(1):174–91

Changes of cardiac and respiratory rhythm in non– and tracheostomized rats exposed to nitrogen dioxide. Tsubone H, et al. **Environ Res** 1984 Oct;35(1):197–203

Inhalation studies of Mt. St. Helens volcanic ash in animals: respiratory mechanics, airway reactivity and deposition. Wiester MJ, et al. **Environ Res** 1985 Feb;36(1):230–40

Ventilatory response to progressive curarization in patients during light halothane, N2O in O2 anaesthesia. Linko K, et al. **Eur J Anaesthesiol** 1984 Jun;1(2):105–12

Ventilatory effects of nitrous oxide during continuous infusion of fentanyl or alfentanil. Sinclair ME, et al. **Eur J Anaesthesiol** 1984 Dec;1(4):345–52

Pulmonary ventilation in long–term beta–adrenergic blockade after myocardial infarction. Johansen S. **Eur J Clin Pharmacol** 1985;28(1):23–8

Effects of digoxin and acetyl–digitoxin on basal and CO2–stimulated ventilation. Joubert PH, et al. **Eur J Clin Pharmacol** 1985;28(2):155–8

Ventrolateral medullary respiratory neurons and peripheral chemoreceptor stimulation by almitrine. Laubie M, et al. **Eur J Pharmacol** 1984 Jul 20;102(3–4):437–42

Effects of phencyclidine (PCP) on cardiorespiratory functions in the rhesus monkey. Matsuzaki M, et al. **Eur J Pharmacol** 1984 Aug 3;103(1–2):145–51

Differential effects on phrenic output of two dopamine agonists, apomorphine and bromocriptine. Nielsen AM, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):69–78

Adenosine mechanisms in the regulation of breathing in the rat. Wessberg P, et al. **Eur J Pharmacol** 1984 Oct 30; 106(1):59–67

Morphine selectively facilitates the inspiratory–inhibitory vagal reflex in adult rabbits. Budzińska K, et al. **Experientia** 1985 Apr 15;41(4):458–60

Sensory irritation potential of selected nasal tumorigens in the rat. Gardner RJ, et al. **Food Chem Toxicol** 1985 Jan; 23(1):87–92

Postoperative analgesia and respiratory control. Catley DM. **Int Anesthesiol Clin** 1984 Winter;22(4):95–111

Pharmacodynamics of opiates. McClain DA, et al. **Int Anesthesiol Clin** 1984 Winter;22(4):75–94

Ventilatory effects of selective beta 1–(prenalterol) or beta 2–(salbutamol) adrenoceptor agonism in man. Sorbini CA, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Oct; 22(10):570–5

Comparative respiratory effects of ozone and ambient oxidant pollution exposure during heavy exercise. Avol EL, et al. **J Air Pollut Control Assoc** 1984 Aug;34(8):804–9

Acute effects of aerosolized metaproterenol on breathing pattern of patients with symptomatic bronchial asthma. Tobin MJ, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):166–72

Effect of a single breath of 100% oxygen on respiration in neonates during sleep. Aizad T, et al. **J Appl Physiol** 1984 Nov;57(5):1531–5

Mechanisms of respiratory response to isoproterenol in glomectomized cats. Eldridge FL, et al. **J Appl Physiol** 1985 Jan;58(1):83–8

Pulmonary function changes after 1 h continuous heavy exercise in 0.21 ppm ozone. Folinsbee LJ, et al. **J Appl Physiol** 1984 Oct;57(4):984–8

Nicotine–induced respiratory effects of cigarette smoke in dogs. Hartiala JJ, et al. **J Appl Physiol** 1985 Jul;59(1):64–71

Effect of respiratory muscle weakness on P0.1 induced by partial curarization. Holle RH, et al. **J Appl Physiol** 1984 Oct;57(4):1150–7

Influence of nicotine in cigarette smoke on acute ventilatory responses in awake dogs. Lee LY, et al. **J Appl Physiol** 1985 Jul;59(1):229–36

Respiration of conscious kittens in acute hypoxia and effect of almitrine bismesylate. McCooke HB, et al. **J Appl Physiol** 1985 Jul;59(1):18–23

Effect of intravenous midazolam on breathing pattern and chest wall mechanics in human. Morel DR, et al. **J Appl Physiol** 1984 Oct;57(4):1104–10

Respiratory responses of humans exposed to an aerosol–gas pollutant mixture: multivariate contrast of a complex atmosphere to clean air and sodium chloride aerosol controls. Kleinman MT, et al. **J Appl Toxicol** 1984 Aug; 4(4):170–5

Effect of isoprenaline inhalation on pulmonary function in smokers. Sood S, et al. **J Assoc Physicians India** 1984 Aug; 32(8):719–21

Effects of naloxone on the breathing, electrocortical, heart rate, glucose and cortisol responses to hypoxia in the sheep fetus. Adamson SL, et al. **J Dev Physiol** 1984 Dec; 6(6):495–507

Capsaicin and regulation of respiration: interaction with central substance P mechanisms. Hedner J, et al. **J Neural Transm** 1985;61(3–4):239–52

Furosemide decreases ventilation in young rabbits. Hazinski TA. **J Pediatr** 1985 Jan;106(1):81–5

Cardiorespiratory depression and haemolysis due to thioridazine overdose in the rat. Langemeijer JJ, et al. **J Pharm Pharmacol** 1985 Jul;37(7):481–5

Ventilatory response to intravenous methionine enkephalin in awake dogs. Evanich MJ, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):677–80

Cardiorespiratory, sympathetic and biochemical responses to T–2 toxin in the guinea pig and rat. Feuerstein G, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):786–94

Peripheral and central actions of sodium azide on circulatory and respiratory homeostasis in anesthesized cats. Kaplita PV, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):189–96

Separation of opioid analgesia from respiratory depression: evidence for different receptor mechanisms. Ling GS, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):149–55

Influence of mediators of anaphylaxis on collateral ventilation and the lung periphery of the dog. Spannhake EW, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):491–7

A new method for measuring respiration in the conscious mouse. Kigasawa K, et al. **J Pharmacol Methods** 1984 Oct; 12(3):183–9

Central stimulation of breathing movements in fetal lambs by prostaglandin synthetase inhibitors. Koos BJ. **J Physiol (Lond)** 1985 May;362:455–66

Reflex cardiopulmonary responses by stimulation to type J receptors in rats exposed to NO2. Tsubone H, et al. **J Toxicol Environ Health** 1984;13(4–6):905–17

Comparison of the acute cardiopulmonary effects of oral albuterol, metaproterenol, and terbutaline in asthmatics. Wolfe JD, et al. **JAMA** 1985 Apr 12;253(14):2068–72

A technique for monitoring respiratory responses in guinea pigs. McCracken MS, et al. **Lab Anim Sci** 1984 Oct; 34(5):475–9

Effects of captopril on abnormalities of the peripheral circulation and respiratory function in patients with severe heart failure. Cowley AJ, et al. **Lancet** 1984 Nov 17; 2(8412):1120–4

A benzodiazepine antagonist inhibits the cerebral metabolic and respiratory depressant effects of fentanyl. Naughton N, et al. **Life Sci** 1985 Jun 10;36(23):2239–45

Changes in volume of trapped gas in chronic bronchitis and in asthma after inhalation of fenoterol. Arnved J, et al. **Lung** 1984;162(5):297–304

Respiratory effects of timolol [letter] Fraunfelder FT, et al. **N Engl J Med** 1984 Nov 29;311(22):1441

The analgesic and respiratory depressant actions of metorphamide in mice and rabbits. Xu SF, et al. **Neuropeptides** 1985 Apr;6(2):121–31

Differential respiratory patterns induced by opioids applied to the ventral medullary and dorsal pontine surfaces of cats. Hurlé MA, et al. **Neuropharmacology** 1985 Jul; 24(7):597–606

Effects of glutamate, substance P and eledoisin–related peptide on solitary tract neurones involved in respiration and respiratory reflexes. Henry JL, et al. **Neuroscience** 1985 Mar;14(3):863–73

Pulmonary function of the reserpine and isoproterenol models of cystic fibrosis. Boyd RL, et al. **Pediatr Res** 1984 Oct;18(10):1028–31

Aminophylline reduces hypoxic ventilatory depression: possible role of adenosine. Darnall RA Jr. **Pediatr Res** 1985 Jul;19(7):706–10

p–Chloroamphetamine: effect on sleep and respiration in the rat. DeMesquita S. **Pharmacol Biochem Behav** 1985 May; 22(5):889–91

Cardiorespiratory responses to intestinal injection of carbon monoxide. McGrath JJ, et al. **Pharmacol Biochem Behav** 1984;21 Suppl 1:103–7

Attempted antagonism of adenosine analogue induced depression of respiration. Mueller RA, et al. **Pharmacol Biochem Behav** 1984 Aug;21(2):289–96

Effects of methylxanthines on skeletal muscle and on respiration. Fredholm BB. **Prog Clin Biol Res** 1984; 158:365–75 (40 ref.)

Ventilatory response to CO2. I. A psychobiologic marker of the respiratory system. Singh BS. **Psychosom Med** 1984 Jul–Aug;46(4):333–45

Ventilatory response to CO2. II. Studies in neurotic psychiatric patients and practitioners of transcendental meditation. Singh BS. **Psychosom Med** 1984 Jul–Aug; 46(4):347–62

The role of vagal afferents and carbon dioxide in the respiratory response to thyrotropin–releasing hormone. Mueller RA, et al. **Regul Pept** 1985 Mar;10(2–3):157–66

The effect of peripheral chemodenervation on the ventilatory response to potassium. Band DM, et al. **Respir Physiol** 1985

May;60(2):217-25

Effects of increasing metabolism by 2,4-dinitrophenol on respiration and pulmonary gas exchange in the duck. Geiser J, et al. **Respir Physiol** 1984 Jul;57(1):1-14

The effect of potassium on carotid chemoreceptor activity and ventilation in the cat. Linton RA, et al. **Respir Physiol** 1985 Jan;59(1):65-70

Effects of carotid chemoreceptor excitation on medullary expiratory neurons in cats. Lipski J, et al. **Respir Physiol** 1984 Sep;57(3):279-91

Circulating endogenous opioids and ventilatory response to CO2 and hypoxia. Rochat T, et al. **Respir Physiol** 1985 Jul;61(1):85-93

Cardiovascular and respiratory effects of antiarrhythmic drugs on conscious beagles. Hashimoto K, et al. **Tohoku J Exp Med** 1985 Apr;145(4):359-67

A method to classify airborne chemicals which alter the normal ventilatory response induced by CO2. Schaper M, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):332-41

Pulmonary and sensory irritation of diphenylmethane-4,4'- and dicyclohexylmethane-4,4'-diisocyanate. Weyel DA, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):427-33

Neurological analysis of respiratory, cardiovascular and neuromuscular effects of brevetoxin in cats. Borison HL, et al. **Toxicon** 1985;23(3):517-24

[Effect of halothane mask anesthesia on respiration, acid-base metabolism and blood gases in young children] Boĭchev A, et al. **Khirurgiia (Sofiia)** 1984;37(6):437-41 **(Bul)**

[Morphine-induced respiratory depression and its mechanism] Shen KZ, et al. **Sheng Li Ko Hsueh Chin Chan** 1984 Apr;15(2):162-5 **(Chi)**

[The effect of lymphography with an oily contrast medium on ventilatory and respiratory function] Bruna J, et al. **Cesk Radiol** 1984 Sep;38(5):328-33 (Eng. Abstr.) **(Cze)**

[Dopamine and the chemoregulation of ventilation in the rat] Lagneaux D, et al. **Arch Int Physiol Biochim** 1984 Oct; 92(3):263-5 (Eng. Abstr.) **(Fre)**

[Hemodynamic and respiratory effects of the perfusion of low-dose endotoxin in intact heparinized dogs] D'Orio V, et al. **C R Soc Biol (Paris)** 1985;179(1):142-9 (Eng. Abstr.) **(Fre)**

[Hemodynamic and respiratory variations caused by halothane and enflurane] Chardon P, et al. **Cah Anesthesiol** 1984 Mar;32(2):93-100 **(Fre)**

[Choice of a central analgesic for anesthesia with spontaneous respiration] Neidhardt A, et al. **Cah Anesthesiol** 1984 Dec; 32(8):637-44 (Eng. Abstr.) **(Fre)**

[Per- and postoperative buprenorphine analgesia: cardiocirculatory and respiratory effects] Rifat K, et al. **Cah Anesthesiol** 1984 Jan-Feb;32(1):33-6 (Eng. Abstr.) **(Fre)**

[The almitrine dimesylate molecule. Various structure-activity relationship aspects] Labrid C, et al. **Presse Med** 1984 Oct 4;13(34):2059-62 (Eng. Abstr.) **(Fre)**

[Aortofemoral bifurcation bypass--effect of anesthesia procedure (NLA, thoracic continuous catheter peridural anesthesia) on circulation, respiration and metabolism. Hemodynamic changes caused by peridural anesthesia and anesthesia induction] Seeling W, et al. **Anaesthesist** 1985 May;34(5):217-28 (Eng. Abstr.) **(Ger)**

[Effect of tramadol on ventilatory CO2 response and mouth occlusion pressure] Seitz W, et al. **Anaesthesist** 1985 May; 34(5):241-6 (Eng. Abstr.) **(Ger)**

[Effects of various anesthesia procedures used in forceps delivery on the cardiopulmonary adaptation of the newborn infant. 2. Modification of pulmonary adaptation] Weisbach W, et al. **Zentralbl Gynakol** 1985;107(9):545-9 (Eng. Abstr.) **(Ger)**

[Effects of administration of a single dose of iprafen (l puff) compared with those of a single dose of ipratropium bromide (40 mcg.) and of fenoterol (100 mcg.)] Marcatili S, et al. **Arch Monaldi** 1984 Jan-Apr;39(1-2):37-44 (Eng. Abstr.) **(Ita)**

[Pharmacological studies on new cephamycin, MT-141. (1) Its effect on central nervous system, respiration and cardiovascular system] Kurebe M, et al. **Jpn J Antibiot** 1984 Jul;37(7):1428-39 (Eng. Abstr.) **(Jpn)**

[Hemodynamic, respiratory and blood gas changes after intraarterial injection of lipid peroxides] Imai M, et al. **Masui** 1985 Jan;34(1):30-7 (Eng. Abstr.) **(Jpn)**

[Effects of halothane on the respiratory and circulatory changes in response to surgical stimulation] Kohchi T, et al. **Masui** 1985 Apr;34(4):440-5 (Eng. Abstr.) **(Jpn)**

[Effect of epidural morphine on ventilatory and airway occlusion pressure responses to CO2] Oka T, et al. **Masui** 1984 Dec;33(12):1377-81 (Eng. Abstr.) **(Jpn)**

[Effects of sex hormones on breathing during waking and sleep] Takasaki Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar; 23(3):286-95 (Eng. Abstr.) **(Jpn)**

[Effect of verapamil on spirometric parameters during an attack of dyspnea in patients with bronchial asthma] Krasnowska M, et al. **Pneumonol Pol** 1985 Mar; 53(3):128-32 (Eng. Abstr.) **(Pol)**

[Effect of fenflumizole on platelet aggregation and the results of spirometric studies in patients with bronchial asthma] Podolec Z, et al. **Pol Tyg Lek** 1984 Jul 30;39(31):1031-3 (Eng. Abstr.) **(Pol)**

[Effect of naloxone and thyroliberin on respiration in acute hypoxia] Voĭnov VA, et al. **Biull Eksp Biol Med** 1984 Oct; 98(10):408-10 (Eng. Abstr.) **(Rus)**

[Changes in the indices of external respiration and central hemodynamics during the use of nitrates in the therapy of chronic heart failure] Samiev UB. **Ter Arkh** 1984; 56(9):58-62 **(Rus)**

[Respiratory effects of naloxone] Carreira-Monteiro ME, et al. **Rev Esp Fisiol** 1985 Jun;41(2):187-93 (Eng. Abstr.) **(Spa)**

RADIATION EFFECTS

[Effect of light energy on the functional capacity of the lung transplanted from a donor to a recipient] Meshalkin EN, et al. **Grudn Khir** 1984 Nov-Dec;(6):62-5 (Eng. Abstr.) **(Rus)**

[Indices of external respiration in patients with Hodgkin's disease long after irradiation of the mediastinum] Shishkin IP, et al. **Med Radiol (Mosk)** 1985 Jun;30(6):15-9 (Eng. Abstr.) **(Rus)**

RESPIRATION, ARTIFICIAL

Paraquat toxicity. The use of hypoxic ventilation. Demeere JL. **Acta Anaesthesiol Belg** 1984 Sep;35(3):219-30

Gas exchange during ventilator treatment: a validation of a computerized technique and its comparison with the Douglas bag method. Bredbacka S, et al. **Acta Anaesthesiol Scand** 1984 Aug;28(4):462-8

Effects of mechanical ventilation and halothane on pulmonary serotonin removal in dogs. Tarkka M. **Acta Anaesthesiol Scand** 1985 Apr;29(3):300-2

Catecholamine response to chest physiotherapy and endotracheal suctioning in preterm infants. Greisen G, et al. **Acta Paediatr Scand** 1985 Jul;74(4):525-9

A delicate balance. Strategies for feeding ventilated COPD patients. Irwin MM, et al. **Am J Nurs** 1985 Mar; 85(3):274-80

Effect of controlled ventilation on renal and splanchnic blood flows during nicotine. Bedran de Castro MT, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):H360-5

Distribution of pulmonary blood flow in relation to atelectasis in premature ventilated lambs. Berry D, et al. **Am Rev Respir Dis** 1985 Sep;132(3):500-2

Prospective evaluation of the protected specimen brush for the diagnosis of pulmonary infections in ventilated patients. Chastre J, et al. **Am Rev Respir Dis** 1984 Nov;130(5):924-9

Noninvasive determination of respiratory system mechanics during mechanical ventilation for acute respiratory failure. Gottfried SB, et al. **Am Rev Respir Dis** 1985 Mar; 131(3):414-20

Measurement of static compliance of the total respiratory system in patients with acute respiratory failure during mechanical ventilation. The effect of intrinsic positive end-expiratory pressure. Rossi A, et al. **Am Rev Respir Dis** 1985 May;131(5):672-7

Management of chest injuries [letter] James OF. **Anaesth Intensive Care** 1985 May;13(2):211-2

A clear airway during tracheal surgery [letter] Harrison MJ. **Anaesthesia** 1985 Jul;40(7):708-9

Controlled ventilation in dental outpatients. Controlled ventilation with atracurium and alfentanil analgesia compared with halothane. Sale JP, et al. **Anaesthesia** 1985 Jan;40(1):3-7

Halothane and isoflurane do not decrease PaO2 during one-lung ventilation in intravenously anesthetized patients. Rogers SN, et al. **Anesth Analg** 1985 Oct;64(10):946-54

Cerebral and cardiopulmonary responses to high-frequency jet ventilation and conventional mechanical ventilation in a model of brain and lung injury. Shuptrine JR, et al. **Anesth Analg** 1984 Dec;63(12):1065-70

Differential ventilation and selective positive end-expiratory pressure: effects on patients with acute bilateral lung disease. Baehrendtz S, et al. **Anesthesiology** 1984 Nov; 61(5):511-7

Pulse oximetry during one-lung ventilation. Brodsky JB, et al. **Anesthesiology** 1985 Aug;63(2):212-4

Cricothyroidotomy for prolonged ventilatory support after cardiac operations. O'Connor JV, et al. **Ann Thorac Surg** 1985 Apr;39(4):353-4

Improved oxygenation after muscle relaxation in adult respiratory distress syndrome. Coggeshall JW, et al. **Arch Intern Med** 1985 Sep;145(9):1718-20

Mechanically assisted ventilation in a community hospital. Immediate outcome, hospital charges, and follow-up of patients. Witek TJ Jr, et al. **Arch Intern Med** 1985 Feb; 145(2):235-9

Home negative pressure ventilation: report of 20 years of experience in patients with neuromuscular disease. Splaingard ML, et al. **Arch Phys Med Rehabil** 1985 Apr; 66(4):239-42

Mechanical ventilation: weaning criteria and methods. Fiastro JF, et al. **Ariz Med** 1985 May;42(5):298-300

Respiratory failure after cardiac surgery. Behrendt DM. **Arq Bras Cardiol** 1984 Jun;42(6):427-30

Mechanical ventilation of critically ill newborns on scheduled flights of commercial passenger aircraft. Johnson RA, et al. **Aviat Space Environ Med** 1985 Mar;56(3):265-70

A reassessment of the validity of the iso-shunt graph. Lawler PG, et al. **Br J Anaesth** 1984 Dec;56(12):1325-35

Accumulation of midazolam in patients receiving mechanical ventilation [letter] **Br Med J [Clin Res]** 1984 Nov 10; 289(6454):1309

Morbidity and survival in neonates ventilated for the respiratory distress syndrome. Greenough A, et al. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):597-600

Pulmonary diffusing capacity for carbon monoxide by rebreathing in mechanically ventilated patients. Burchardi H, et al. **Bull Eur Physiopathol Respir** 1985 May-Jun; 21(3):263-73 (53 ref.)

Constant mean airway pressure with different patterns of positive pressure breathing during the adult respiratory distress syndrome. Gattinoni L, et al. **Bull Eur Physiopathol Respir** 1985 May-Jun;21(3):275-9

Intrapulmonary shunt is not increased by 100% oxygen ventilation in acute respiratory failure. Lemaire F, et al. **Bull Eur Physiopathol Respir** 1985 May-Jun;21(3):251-6

End-tidal carbon dioxide tension and temperature changes after coronary artery bypass surgery. Donati F, et al. **Can Anaesth Soc J** 1985 May;32(3 Pt 1):272-7

Hypercapnia during weaning. A complication of nutritional support. Dark DS, et al. **Chest** 1985 Jul;88(1):141-3

Oxygen cost of breathing. Changes dependent upon mode of mechanical ventilation. Kanak R, et al. **Chest** 1985 Jan; 87(1):126-7

Nutritional support. Whether or not some is good, more is not better [editorial] Koretz RL. **Chest** 1985 Jul;88(1):2-3

Influence of caloric intake on the respiratory mode during mandatory minute volume ventilation. Laaban JP, et al. **Chest** 1985 Jan;87(1):67-72

Biofeedback and hypnosis in weaning from mechanical ventilators. LaRiccia PJ, et al. **Chest** 1985 Feb;87(2):267-9

The inspiratory work of breathing during assisted mechanical ventilation. Marini JJ, et al. **Chest** 1985 May;87(5):612-8

Electrophysiologic evaluation of phrenic nerves in severe respiratory insufficiency requiring mechanical ventilation. Moorthy SS, et al. **Chest** 1985 Aug;88(2):211-4

Breathing and feeding [letter] Teba L, et al. **Chest** 1984 Oct; 86(4):651-2

Effect of routine intensive care interactions on metabolic rate. Weissman C, et al. **Chest** 1984 Dec;86(6):815-8

Postoperative ventilatory dependency following thymectomy for myasthenia gravis. Sivak ED, et al. **Cleve Clin Q** 1984 Winter;51(4):585-9

Neuromuscular complications in patients given Pavulon (pancuronium bromide) during artificial ventilation. Op de Coul AA, et al. **Clin Neurol Neurosurg** 1985;87(1):17-22

Use of mechanical ventilation for clinical management of persistent pulmonary hypertension of the newborn. Duara S, et al. **Clin Perinatol** 1984 Oct;11(3):641-52

Reliable estimation of series dead space in ventilated patients. Brunner J, et al. **Clin Physiol** 1985;5 Suppl 3:65-8

Gas exchange during mechanical ventilation. Carlsson C, et al. **Clin Physiol** 1985;5 Suppl 3:123-6

Frequency and percent inspiratory time for high-frequency jet ventilation. Banner MJ, et al. **Crit Care Med** 1985 May; 13(5):395-8

A mechanical model of spontaneous ventilation. Banner MJ, et al. **Crit Care Med** 1984 Nov;12(11):986-7

Arterial to end-tidal CO2 gradients during spontaneous breathing, intermittent positive-pressure ventilation and jet ventilation. Capan LM, et al. **Crit Care Med** 1985 Oct; 13(10):810-3

Aminophylline versus doxapram in weaning premature infants from mechanical ventilation: preliminary report. Eyal FG, et al. **Crit Care Med** 1985 Feb;13(2):124-5

Early extubation after coronary artery bypass: brief report. Foster GH, et al. **Crit Care Med** 1984 Nov;12(11):994-6

Use of an acoustic helium analyzer and microprocessor for rapid measurement of absolute lung volume during mechanical ventilation. Gillespie DJ. **Crit Care Med** 1985 Feb;13(2):118-21

Pediatric endotracheal tube designed for high-frequency ventilation. Hamilton LH, et al. **Crit Care Med** 1984 Nov; 12(11):988-93

Early extubation after surgical repair of congenital heart disease. Heard GG, et al. **Crit Care Med** 1985 Oct; 13(10):830-2

Use of high-frequency jet ventilation to prevent aspiration in a patient with an uncuffed tracheostomy tube. Hess D, et al. **Crit Care Med** 1984 Oct;12(10):918-9

Combined use of high-frequency jet ventilation and induced hypothermia in the treatment of refractory respiratory failure. Hurst JM, et al. **Crit Care Med** 1985 Sep;13(9):771-2

Lung mechanical profiles in acute respiratory failure: diagnostic and prognostic value of compliance at different tidal volumes. Hylkema BS, et al. **Crit Care Med** 1985 Aug; 13(8):637-40

Effects of mechanical ventilation on cardiopulmonary function in children after open-heart surgery. Jenkins J, et al. **Crit Care Med** 1985 Feb;13(2):77-80

Effect of positive end-expiratory pressure on venous distension during transvenous interruption of the vena cava. Kudsk KA, et al. **Crit Care Med** 1985 Feb;13(2):135-6

Prophylaxis of postoperative pulmonary complications [letter] Levy SA. **Crit Care Med** 1985 Jun;13(6):514

Aerosol delivery in intubated, mechanically ventilated patients. MacIntyre NR, et al. **Crit Care Med** 1985 Feb; 13(2):81-4

Mean airway pressure vs. positive end-expiratory pressure during mechanical ventilation. Pesenti A, et al. **Crit Care Med** 1985 Jan;13(1):34-7

Oxygen consumption and blood gas exchange during controlled and intermittent mandatory ventilation after cardiac surgery. Prakash O, et al. **Crit Care Med** 1985 Jul; 13(7):556-9

Effects of driving pressure and respiratory rate on airway pressure and PaCO2 in rabbits during high-frequency jet ventilation. Takahashi H, et al. **Crit Care Med** 1985 Sep; 13(9):728–32

Prevention of stress-induced upper gastrointestinal bleeding by cimetidine in patients on assisted ventilation. van den Berg B, et al. **Digestion** 1985;31(1):1–8

Delayed respiratory failure during the treatment of myxedema coma. Yamamoto T. **Endocrinol Jpn** 1984 Dec; 31(6):769–75

Trans-FBS-channel ventilation during the flexible bronchoscope (FBS) examination in infant. Monden Y, et al. **Endoscopy** 1984 Sep;16(5):175–8

Oxygen desaturation during ventilator circuit changes. Keller CA, et al. **Heart Lung** 1985 Jul;14(4):359–62

Total respiratory compliance as a function of lung volume in patients with mechanical ventilation. Benito S, et al. **Intensive Care Med** 1985;11(2):76–9

Inspiratory flow effects on mechanically ventilated patients: lung volume, inhomogeneity, and arterial oxygenation. Felton CR, et al. **Intensive Care Med** 1984;10(6):281–6

Mouth occlusion pressure (P0.1) in acute respiratory failure. Herrera M, et al. **Intensive Care Med** 1985;11(3):134–9

Epidural and intrathecal morphine in intensive care units. Rawal N, et al. **Intensive Care Med** 1985;11(3):129–33

Oropharyngeal flora as a source of bacteria colonizing the lower airways in patients on artificial ventilation. van Uffelen R, et al. **Intensive Care Med** 1984;10(5):233–7

Thermodilution in mechanically ventilated patients. Versprille A. **Intensive Care Med** 1984;10(5):213–5

Paralysis for ventilated patients? Yes or no? Willatts SM. **Intensive Care Med** 1985;11(1):2–4

Collateral ventilation during high-frequency oscillation in dogs. Armengol J, et al. **J Appl Physiol** 1985 Jan; 58(1):173–9

Preterm infants: ventilation and P100 changes with CO2 and inspiratory resistive loading. Duara S, et al. **J Appl Physiol** 1985 Jun;58(6):1982–7

Pressure-flow relationships of endotracheal tubes during high-frequency ventilation. Gavriely N, et al. **J Appl Physiol** 1985 Jul;59(1):3–11

Lung protein leaks in ventilated lambs: effects of gestational age. Jobe A, et al. **J Appl Physiol** 1985 Apr;58(4):1246–51

Model of gas transport during high-frequency ventilation. Permutt S, et al. **J Appl Physiol** 1985 Jun;58(6):1956–70

Gas transport and pulmonary perfusion during high-frequency ventilation in humans. Rehder K, et al. **J Appl Physiol** 1984 Oct;57(4):1231–7

Respiratory mechanics in mechanically ventilated patients with respiratory failure. Rossi A, et al. **J Appl Physiol** 1985 Jun;58(6):1849–58

Mean airway pressure and alveolar pressure during high-frequency ventilation. Simon BA, et al. **J Appl Physiol** 1984 Oct;57(4):1069–78

Frequency dependence of CO2 elimination and respiratory resistance in monkeys. Watson JW, et al. **J Appl Physiol** 1985 Feb;58(2):653–7

Physiological dead space during high-frequency ventilation in dogs. Weinmann GG, et al. **J Appl Physiol** 1984 Sep; 57(3):881–7

Methylprednisolone half-life during simultaneous barbiturate treatment and mechanical hyperventilation of neurosurgical patients. Gabrielsen J, et al. **J Neurosurg** 1985 Feb; 62(2):182–5

Control of ventilation in subsequent siblings of victims of sudden infant death syndrome. Brady JP, et al. **J Pediatr** 1985 Feb;106(2):212–7

Outcome of home mechanical ventilation in children. Frates RC Jr, et al. **J Pediatr** 1985 May;106(5):850–6

Efficacy of theophylline for prevention of post-extubation respiratory failure in very low birth weight infants. Viscardi RM, et al. **J Pediatr** 1985 Sep;107(3):469–72

Comparison of conventional mechanical ventilation and synchronous independent lung ventilation (SILV) in the treatment of unilateral lung injury. Hurst JM, et al. **J Trauma** 1985 Aug;25(8):766–70

Weaning patients from mechanical ventilation by benzodiazepine antagonist Ro15-1788 [letter] Kleinberger G, et al. **Lancet** 1985 Aug 3;2(8449):268–9

Ventilation during laryngoscopy in chronic obstructive lung disease. Fredrickson JM, et al. **Laryngoscope** 1984 Dec; 94(12 Pt 1):1606–9

Mechanical ventilation during magnetic resonance imaging. Dunn V, et al. **Magn Reson Imaging** 1985;3(2):169–72

Moment analysis of multibreath nitrogen washout with a variable input gas composition. Felton CR, et al. **Med Biol Eng Comput** 1984 Nov;22(6):486–92

Artificial ventilation for cardiopulmonary resuscitation. Sainsbury DA, et al. **Med J Aust** 1984 Oct 13;141(8):509–11

The Guillain-Barré syndrome: pulmonary-neurologic correlations. Sunderrajan EV, et al. **Medicine (Baltimore)** 1985 Sep;64(5):333–41

The patient requiring mechanical ventilatory support: use of the cuffed tracheostomy 'talk' tube to establish phonation. Kluin KJ, et al. **Otolaryngol Head Neck Surg** 1984 Dec; 92(6):625–7

Alveolar pressure swings during high frequency ventilation in rabbits. Frantz ID 3d, et al. **Pediatr Res** 1985 Feb; 19(2):162–6

Elevated ratios of type I/III collagen in the lungs of chronically ventilated neonates with respiratory distress. Shoemaker CT, et al. **Pediatr Res** 1984 Nov;18(11):1176–80

Controlled trial of dexamethasone in respirator-dependent infants with bronchopulmonary dysplasia. Avery GB, et al. **Pediatrics** 1985 Jan;75(1):106–11

Breathing pattern and stretch receptor activity during high frequency ventilation. Kohl J, et al. **Pflugers Arch** 1984 Oct;402(2):150–6

Effects of high frequency oscillatory ventilation compared to conventional ventilation upon pulmonary vascular prostanoid production in neonatal piglets. Mitchell JA, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):107–15

Systemic arterial pH servocontrolled ventilator simulation of the respiratory control system. Coon RL, et al. **Respir Physiol** 1984 Dec;58(3):345–50

State-related incidence of spontaneous breathing during high frequency ventilation. England SJ, et al. **Respir Physiol** 1985 Jun;60(3):357–64

Effects of artificial ventilation on surfactant phospholipid metabolism in rabbits. Ennema JJ, et al. **Respir Physiol** 1984 Oct;58(1):15–28

Effects of high frequency ventilation on lung lymph dynamics and prostaglandin generation. Van der Zee H, et al. **Respir Physiol** 1985 Jul;61(1):31–42

Surface active material: influence of lung distension and mechanical ventilation on secretion. Truog WE. **Semin Perinatol** 1984 Oct;8(4):300–7 (47 ref.)

Home ventilator dependence after high cervical cord injury. Gower DJ, et al. **South Med J** 1985 Aug;78(8):1010–1

Increase in mucociliary clearance in normal man induced by oral high frequency oscillation. George RJ, et al. **Thorax** 1985 Jun;40(6):433–7

Mechanical ventilation for acute postoperative respiratory failure after surgery for bronchial carcinoma. Hirschler-Schulte CJ, et al. **Thorax** 1985 May;40(5):387–90

[Acute myocardial infarction and respirator treatment. A retrospective prognostic assessment] Johansson G, et al. **Ugeskr Laeger** 1985 Apr 29;147(18):1468–70 (Eng. Abstr.) **(Dan)**

[Artificial ventilation in the home of patients with a respiratory disorder of neurologic origin] Goulon M, et al. **Bull Acad Natl Med (Paris)** 1984 Mar-Apr; 168(3–4):448–54 (Eng. Abstr.) **(Fre)**

[Oxygen therapy and artificial respiration at home for severe chronic respiratory insufficiency] Laroche C. **Bull Acad Natl Med (Paris)** 1984 Dec;168(9):1073–5 **(Fre)**

[Pulmonary oxygen transfer under a respirator in anesthesia and resuscitation] Gay R, et al. **Bull Eur Physiopathol Respir** 1985 May-Jun;21(3):257–61 (Eng. Abstr.) **(Fre)**

[Long-term treatment of chronic respiratory insufficiency using endotracheal ventilation at home in 118 tracheotomy patients] Bertrand A, et al. **Rev Mal Respir** 1985;2(2):91–5 (Eng. Abstr.) **(Fre)**

[Mechanical ventilation in acute decompensation in chronic obstructive bronchopneumopathy] Chevrolet JC. **Schweiz Med Wochenschr** 1985 Feb 9;115(6):178–81 (Eng. Abstr.) **(Fre)**

[Isoflurane anesthesia in the Gottinger minipig. Hemodynamic and cardiac changes under controlled ventilation] Becker M, et al. **Anaesthesist** 1984 Aug; 33(8):377–83 (Eng. Abstr.) **(Ger)**

[PEEP ventilation without hyperinflation of the lungs. A primary ventilatory pattern of controlled respiration based on expiratory volume curves] Lazarus G. **Anaesthesist** 1985 Feb;34(2):59–64 (Eng. Abstr.) **(Ger)**

[Pathogenic flora in the gastric juice and bronchial secretion of long-term ventilated intensive-care patients] Mauritz W, et al. **Anaesthesist** 1985 Apr;34(4):203–7 (Eng. Abstr.) **(Ger)**

[Oleic acid-induced interstitial lung edema in the dog: comparison of PEEP with high-frequency jet superimposed ZEEP ventilation] Schlag G, et al. **Anaesthesist** 1985 Feb;34(2):65–71 (Eng. Abstr.) **(Ger)**

[EEG parameters in the monitoring of ventilated intensive care patients under various sedation methods] Lehmkuhl P, et al. **Anasth Intensivther Notfallmed** 1985 Feb;20(1):6–11 (Eng. Abstr.) **(Ger)**

[Artificial respiration: yes or no? Ethical reflections on border-line questions in intensive care medicine] Salomon F. **Anasth Intensivther Notfallmed** 1985 Jun;20(3):143–6 (Eng. Abstr.) **(Ger)**

[Importance of postoperative endotoxin determination. A pilot study] Grundmann R, et al. **Chirurg** 1984 Aug; 55(8):523–5 (Eng. Abstr.) **(Ger)**

[Effect of metabolism-oriented substrate administration on energy and protein metabolism in polytraumatized artificial respiration patients] Schmitz JE. **Infusionsther Klin Ernahr** 1984 Aug;11(4):205–18 (Eng. Abstr.) **(Ger)**

[Current problems in weaning from the respirator] Keller R, et al. **Schweiz Med Wochenschr** 1985 Feb 9;115(6):182–5 (Eng. Abstr.) **(Ger)**

[Systematic artificial ventilation in pediatric neurosurgery] Duret N, et al. **Minerva Anestesiol** 1984 Oct;50(10):489–93 (Eng. Abstr.) **(Ita)**

[Changes in surfactant in ARDS. Effects of PEEP and CPAP on the biochemical composition of surfactant] Piazza L, et al. **Minerva Anestesiol** 1985 Jan-Feb;51(1-2):29–34 (Eng. Abstr.) **(Ita)**

[Muscle training of the patients during mechanical ventilation] Miyagi S. **Kokyu To Junkan** 1985 Jun; 33(6):722–9 **(Jpn)**

[Pulmonary function in artificial ventilation] Suwa K. **Kokyu To Junkan** 1984 Oct;32(10):1013–7 **(Jpn)**

[Respiratory and circulatory management of patients with esophageal carcinoma before and after radical surgical treatment] Kakegawa T, et al. **Rinsho Kyobu Geka** 1984 Sep;4(5):641–7 (4 ref.) (Eng. Abstr.) **(Jpn)**

[Transcutaneous PCO2 monitoring of newborn infants] Hagi P, et al. **Tidsskr Nor Laegeforen** 1985 Jun 30; 105(19–21):1298–301 (Eng. Abstr.) **(Nor)**

[Asthma therapy of patients treated with respirators. Bronchodilators administered by nebulizer] Harboe S, et al. **Tidsskr Nor Laegeforen** 1984 Sep 30;104(27):1912–3 (Eng. Abstr.) **(Nor)**

[Changes in blood gas composition and acid-base equilibrium during high-frequency artificial pulmonary ventilation] Atakhanov ShE. **Anesteziol Reanimatol** 1984 Jul-Aug; (4):14–7 (Eng. Abstr.) **(Rus)**

[Hemo- and gas dynamic effects of artificial ventilation of the lungs] Dvoretskiĭ DP, et al. **Fiziol Zh SSSR** 1984 Dec; 70(12):1666–72 (Eng. Abstr.) **(Rus)**

[Combined ketalar anesthesia and controlled respiration during thymectomy on myasthenia patients] Skripnichenko DF, et al. **Klin Khir** 1984 Dec;(12):26 (Eng. Abstr.) **(Rus)**

[Role of assisted pulmonary ventilation in the prevention and treatment of bronchopulmonary complications in patients with closed chest injuries] Sokolov VA, et al. **Ortop Travmatol Protez** 1984 Sep;(9):41–3 (Eng. Abstr.) **(Rus)**

[Importance of artificial ventilation in the treatment of patients with the fat embolism syndrome] Marenović T, et al. **Vojnosanit Pregl** 1984 May-Jun;41(3):195–8 **(Ser)**

[Mechanical ventilation at home in amyotrophic lateral sclerosis (letter)] Nogueras A, et al. **Med Clin (Barc)** 1985 Mar 2;84(8):333–4 **(Spa)**

ADVERSE EFFECTS

Reaction time course during weaning from respirator treatment. Elsass P, et al. **Acta Anaesthesiol Scand** 1984 Aug;28(4):401–4

Ventilation during CPR: two-rescuer standards reappraised. Melker RJ, et al. **Ann Emerg Med** 1985 May;14(5):397–402

Tension pneumothorax following CPR or mechanical ventilation [letter] Nelson BK. **Ann Emerg Med** 1985 Jun; 14(6):615

Complications of Venturi jet ventilation during microlaryngeal surgery. O'Sullivan TJ, et al. **Arch Otolaryngol** 1985 Feb;111(2):127–31

Pulmonary air leaks in ventilated preterm infants. Tudehope DI, et al. **Aust Paediatr J** 1984 Nov;20(4):279–80

Effects of hyperventilation on cerebral blood flow and metabolism. Bruce DA. **Clin Perinatol** 1984 Oct; 11(3):673–80

Oxygen toxicity and other ventilatory complications of treatment of infants with persistent pulmonary hypertension. Hansen TN, et al. **Clin Perinatol** 1984 Oct; 11(3):653–72 (139 ref.)

Hypercapnic acidosis induced by nutrition in mechanically ventilated patients: glucose versus fat. Herve P, et al. **Crit Care Med** 1985 Jul;13(7):537–40

Acid-base changes and ventilator mode during maintenance ventilation. Hooper RG, et al. **Crit Care Med** 1985 Jan; 13(1):44–5

Diagnosis and therapy of necrotizing tracheobronchitis in ventilated neonates. Kirpalani H, et al. **Crit Care Med** 1985 Oct;13(10):792–7

Unusual pulmonary reaction to respiratory therapy in a premature newborn. McKay CA Jr, et al. **Hum Pathol** 1985 Jun;16(6):629–31

Is coagulase-negative staphylococcal bacteraemia in neonates a consequence of mechanical ventilation? Davies AJ, et al. **J Hosp Infect** 1984 Sep;5(3):260–9

Is coagulase-negative staphylococcal bacteraemia in neonates a consequence of mechanical ventilation? [letter] Manning DJ, et al. **J Hosp Infect** 1985 Mar;6(1):112–3

The safety of percutaneous transtracheal ventilation (P.T.V.) in the patient with an obstructed airway remains controversial [letter] Jorden R, et al. **J Trauma** 1984 Oct; 24(10):917

Increased risk of gastrointestinal perforations in neonates mechanically ventilated with either face mask or nasal prongs. Garland JS, et al. **Pediatrics** 1985 Sep;76(3):406–10

[Effects of the type of respiration (spontaneous, assisted, with positive expiratory pressure) on the frequency of gas embolism in sitting position surgery] Hachet JL, et al. **Agressologie** 1984 May;25(6):683–4 (Eng. Abstr.) **(Fre)**

[Esophagotracheal fistulas during assisted ventilation. Apropos of 13 cases] Baulieux J, et al. **Chirurgie** 1984; 110(4):372–9 (Eng. Abstr.) **(Fre)**

[Esophagotracheal fistulas after respiratory intensive care. Apropos of 19 cases] Dartevelle P, et al. **Chirurgie** 1985; 111(1):84–92 (Eng. Abstr.) **(Fre)**

[Torsades de pointes from assisted ventilation. A case (letter)] Rimailho A, et al. **Presse Med** 1985 Mar 2;14(9):549–50 **(Fre)**

[Hypophosphoremia during mechanical ventilation for chronic obstructive bronchopathies] Squara P, et al. **Presse Med** 1985 Jun 1;14(22):1225–8 (Eng. Abstr.) **(Fre)**

[Artificial respiration and kidney function disorder—a vicious circle?] Steinhoff HH. **Anaesthesist** 1985 Apr;34(4):163–73 (83 ref.) (Eng. Abstr.) **(Ger)**

[Central venous air embolism in an artificially respirated premature infant with respiratory distress syndrome] Gortner L, et al. **Klin Padiatr** 1984 Nov-Dec;196(6):385-7 (Eng. Abstr.) **(Ger)**

[Air embolism as a rare occurrence of the air leakage complex in premature infants on artificial respiration] Freudenberg V, et al. **Monatsschr Kinderheilkd** 1984 Dec;132(12):913-4 (Eng. Abstr.) **(Ger)**

[Injury to the larynx and trachea following artificial respiration] Wey W. **Schweiz Med Wochenschr** 1985 Feb 9;115(6):194-6 (Eng. Abstr.) **(Ger)**

[Systematic artificial ventilation in pediatric neurosurgery] Duret N, et al. **Minerva Anestesiol** 1984 Oct;50(10):489-93 (Eng. Abstr.) **(Ita)**

[Pneumonia during long term mechanical ventilation] Taenaka N, et al. **Masui** 1985 Feb;34(2):189-93 (Eng. Abstr.) **(Jpn)**

INSTRUMENTATION

Development and evaluation of a flow-dividing unit for differential ventilation and selective PEEP. Darowski M, et al. **Acta Anaesthesiol Scand** 1985 Jan;29(1):61-6

Controlled ventilation using the Lack circuit with an injector device. Hopkinson ND, et al. **Acta Anaesthesiol Scand** 1984 Aug;28(4):405-7

A complete system for transportation of critically ill patients with acute cardiorespiratory failure. Vincent JL, et al. **Acute Care** 1983-84;10(1):33-5

Contaminated medication nebulizers in mechanical ventilator circuits. Source of bacterial aerosols. Craven DE, et al. **Am J Med** 1984 Nov;77(5):834-8

Flow resistance of exhalation valves and positive end-expiratory pressure devices used in mechanical ventilation. Marini JJ, et al. **Am Rev Respir Dis** 1985 Jun;131(6):850-4

The effect of a gas leak around the endotracheal tube on the mean tracheal pressure during mechanical ventilation. Pérez Fontán JJ, et al. **Am Rev Respir Dis** 1985 Aug;132(2):339-42

A gas delivery system for use during regional anaesthesia [letter] Crowhurst JA. **Anaesth Intensive Care** 1985 Feb;13(1):106-7

Cracked valve disk [letter] Dyer P, et al. **Anaesth Intensive Care** 1984 Aug;12(3):277-8

Mouth to mask ventilation [letter] Loong ED, et al. **Anaesth Intensive Care** 1985 May;13(2):215

Scavenging misconnection [letter] Sainsbury DA. **Anaesth Intensive Care** 1985 May;13(2):215-6

A Venturi connector for tracheal tubes. Conacher ID. **Anaesthesia** 1985 Jun;40(6):566-8

Hygroscopic condenser humidifiers: value for money? [letter] Gilston A. **Anaesthesia** 1984 Oct;39(10):1030-1

A new venturi attachment for the Cape ventilator, to facilitate control of FIO2 [letter] Nickalls RW, et al. **Anaesthesia** 1984 Oct;39(10):1036-7

Another use for an oxygen analyser [letter] Ritchie PA. **Anaesthesia** 1984 Oct;39(10):1038-9

Positive end-expiratory pressure produced by water in the condensation chamber of a CO2 absorber. Hilgenberg JC, et al. **Anesth Analg** 1985 May;64(5):541-3

A single-unit device for differential lung ventilation with only one anesthesia machine. Yamamura T, et al. **Anesth Analg** 1985 Oct;64(10):1017-20

New endotracheal tube (Univent tube) for selective blockade of one lung [letter] Kamaya H, et al. **Anesthesiology** 1985 Sep;63(3):342-3

A new transtracheal catheter for ventilation and resuscitation. Ravussin P, et al. **Can Anaesth Soc J** 1985 Jan;32(1):60-4

Evaluation of the jet injector in paediatric fibreoptic bronchoscopes. Sloan IA, et al. **Can Anaesth Soc J** 1985 Jan;32(1):79-81

Intracuff pressures in endotracheal and tracheostomy tubes. Related cuff physical characteristics. Bernhard WN, et al. **Chest** 1985 Jun;87(6):720-5

Efficiency of air compressor-driven nebulizers. Kradjan WA, et al. **Chest** 1985 Apr;87(4):512-6

Compression volume during mechanical ventilation: comparison of ventilators and tubing circuits. Bartel LP, et al. **Crit Care Med** 1985 Oct;13(10):851-4

Airway humidification with high-frequency jet ventilation. Carlon GC, et al. **Crit Care Med** 1985 Feb;13(2):114-7

Microprocessor-controlled ventilator monitor with pre-evaluation of preset variables and graphic simulation: a preliminary clinical impression. Suarez Alvarez JR, et al. **Crit Care Med** 1984 Dec;12(12):1057-62

Possible influence on geographical location on gas inflow requirements to the Bain breathing system [letter] Osterud A. **Eur J Anaesthesiol** 1984 Dec;1(4):367-8

The effect of a positive end-expiratory pressure adapter on oxygenation during endotracheal suctioning. Douglas S, et al. **Heart Lung** 1985 Jul;14(4):396-400

Tracheal suctioning and ventilator tubing changes in adult respiratory distress syndrome: use of a positive end-expiratory pressure valve. Schumann L, et al. **Heart Lung** 1985 Jul;14(4):362-7

Mechanical pulmonary ventilation at high airway pressures: is it safe? Kolobov T, et al. **Int J Artif Organs** 1984 Nov;7(6):315-6

Design of a control system for maintaining a normal arterial pCO2 by artificial respiration. Noshiro M. **Med Biol Eng Comput** 1984 Sep;22(5):418-25

Ventilation monitors and alarms. Klein MT, et al. **S Afr Med J** 1985 Mar 16;67(11):410-3 (20 ref.)

[Pulsed-gas ventilation (letter)] Caballero G. **Ann Fr Anesth Reanim** 1985;4(4):389 **(Fre)**

[Closing pressure of the expiratory valve of the Ambu apparatus] Kreienbühl G. **Cah Anesthesiol** 1985 Mar;33(2):165-6 **(Fre)**

[Short-term transtracheal jet for reversible support of respiration in the rat] Hendrickx HH, et al. **Anaesthesist** 1984 Jul;33(7):316-9 (Eng. Abstr.) **(Ger)**

[Comparison of nozzles placed proximally and distally in the airway for high frequency jet ventilation] Tanoue T, et al. **Masui** 1984 Jun;33(6):647-52 (Eng. Abstr.) **(Jpn)**

[Equipment and methods of conducting selectively regulated artificial ventilation of the lungs] Nikolaenko EM, et al. **Anesteziol Reanimatol** 1984 Jul-Aug;(4):57-8 (Eng. Abstr.) **(Rus)**

[Humidification of the respiratory mixture using new Soviet-made humidifiers during long-term artificial ventilation of the lungs] Popova LM, et al. **Anesteziol Reanimatol** 1984 Jul-Aug;(4):58-60 (Eng. Abstr.) **(Rus)**

METHODS

Volume limited ventilation for treatment of severe respiratory distress in neonates. Franckx J, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:379-86

Weaning with inspiratory flow assistance (IFA). A clinical progress? Hansen JE. **Acta Anaesthesiol Belg** 1984;35 Suppl:337-41

Digital ventilation. Schneider U, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:343-5

Lateral positioning with differential lung ventilation and unilateral PEEP following unilateral acid aspiration in the dog. East TD, et al. **Acta Anaesthesiol Scand** 1984 Oct;28(5):529-34

Apneic diffusion oxygenation and continuous flow apneic ventilation. A review. Smith RB, et al. **Acta Anaesthesiol Scand** 1985 Jan;29(1):101-5

Continuous flow apneic ventilation. Smith RB, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):631-9

High-frequency ventilation. Ackerman NB Jr, et al. **Adv Pediatr** 1984;31:259-93

Management of respiratory failure in infants with acute viral bronchiolitis. Outwater KM, et al. **Am J Dis Child** 1984 Nov;138(11):1071-5

Electroventilation. Geddes LA, et al. **Am J Emerg Med** 1985 Jul;3(4):337-9

Ventilatory volumes using mouth-to-mouth, mouth-to-mask, and bag-valve-mask techniques. Hess D, et al. **Am J Emerg Med** 1985 Jul;3(4):292-6

Mechanical ventilation. Where it's at where it's going. Chalikian J, et al. **Am J Nurs** 1984 Nov;84(11):1372-9

Interaction of caffeine and continuous distending airway pressure in neonatal apnea. Aranda JV, et al. **Am J Perinatol** 1983 Oct;1(1):43-6

Successful therapy of unilateral pulmonary emphysema: mechanical ventilation with extremely short inspiratory time. Meadow WL, et al. **Am J Perinatol** 1985 Jul;2(3):194-7

Alveolar pressure magnitude and asynchrony during high-frequency oscillations of excised rabbit lungs. Allen JL, et al. **Am Rev Respir Dis** 1985 Aug;132(2):343-9

Elevated lung volume and alveolar pressure during jet ventilation of rabbits. Frantz ID 3d, et al. **Am Rev Respir Dis** 1985 Jan;131(1):134-8

Nitrogen washout during tidal breathing with superimposed high-frequency chest wall oscillation. Harf A, et al. **Am Rev Respir Dis** 1985 Aug;132(2):350-3

Tracheal mucus clearance in high-frequency oscillation. II: Chest wall versus mouth oscillation. King M, et al. **Am Rev Respir Dis** 1984 Nov;130(5):703-6

Effects of changing inspiratory to expiratory time ratio on carbon dioxide elimination during high-frequency jet ventilation. Paloski WH, et al. **Am Rev Respir Dis** 1985 Jan;131(1):109-14

High-frequency ventilation attenuation of hypoxic pulmonary vasoconstriction. The role of prostacyclin. Wetzel RC, et al. **Am Rev Respir Dis** 1985 Jul;132(1):99-103

Recently developed alternatives to conventional mechanical ventilation. McEvoy RD. **Anaesth Intensive Care** 1985 May;13(2):178-83 (54 ref.)

Emergency transtracheal ventilation in anaesthesia or the casualty department [letter] Debenham TR. **Anaesthesia** 1985 Jun;40(6):599-600

High frequency jet ventilation. A method for thoracic surgery. Hildebrand PJ, et al. **Anaesthesia** 1984 Nov;39(11):1091-5

Laser surgery in the airway [letter] Kjeldsen L, et al. **Anaesthesia** 1984 Nov;39(11):1146

High-frequency jet ventilation for tracheal surgery. Rogers RC, et al. **Anaesthesia** 1985 Jan;40(1):32-6

Asynchronous independent lung ventilation. Its use in the treatment of acute unilateral lung disease. Stow PJ, et al. **Anaesthesia** 1985 Feb;40(2):163-6

One-lung ventilation and hypoxic pulmonary vasoconstriction: implications for anesthetic management. Benumof JL. **Anesth Analg** 1985 Aug;64(8):821-33 (115 ref.)

Mass spectrometry and the inspiratory-to-expiratory ratio [letter] Gravenstein N, et al. **Anesth Analg** 1984 Dec;63(12):1144

Ventilatory management of massive bronchial hemorrhage by endobronchial high-frequency jet ventilation and continuous suctioning. Hatano Y, et al. **Anesth Analg** 1985 Jul;64(7):742-4

Jet ventilation of one lung for laser resection of bronchial tumor. Lee K, et al. **Anesth Analg** 1984 Oct;63(10):957-61

High-frequency jet ventilation for tracheal resection in a child. Neuman GG, et al. **Anesth Analg** 1984 Nov;63(11):1039-40

High-frequency small-volume ventilation in anesthetized humans. Crawford M, et al. **Anesthesiology** 1985 Mar;62(3):298-304

Control of life-threatening air leak after gastrostomy in an infant with respiratory distress syndrome and tracheoesophageal fistula. Karl HW. **Anesthesiology** 1985 May;62(5):670-2

Tracheal insufflation of O2 (TRIO) at low flow rates sustains life for several hours. Slutsky AS, et al. **Anesthesiology** 1985 Sep;63(3):278-86

Percutaneous transtracheal ventilation for emergency dental appliance removal. Wagner DJ, et al. **Anesthesiology** 1985 May;62(5):664-6

The mixing and axial transport of smoke in oscillatory tube flows. Lee JS. **Ann Biomed Eng** 1984;12(4):371-83

Gas transport during high-frequency ventilation: theoretical model and experimental validation. Mitzner W, et al. **Ann Biomed Eng** 1984;12(4):407-19

Gas transport in branched airways during high-frequency ventilation. Scherer PW, et al. **Ann Biomed Eng** 1984;12(4):385-405

Turbulence in pulsatile flows. Winter DC, et al. **Ann Biomed Eng** 1984;12(4):357-69

Comparison of deep and shallow endotracheal administration of dionosil in dogs and effect of manual hyperventilation. Greenberg MI, et al. **Ann Emerg Med** 1985 Mar;14(3):209-12

High and conventional ventilation rates in the newborn [letter] Tarnow-Mordi W, et al. **Arch Dis Child** 1985 Apr;60(4):395-6

Jet ventilation using low or high frequencies, during bronchoscopy. Fischler M, et al. **Br J Anaesth** 1985 Apr;57(4):382-8

High frequency ventilation. George RJ, et al. **Br J Hosp Med** 1985 Jun;33(6):344-9

High frequency chest wall compression and carbon dioxide elimination in obstructed dogs. Gross D, et al. **Bull Eur Physiopathol Respir** 1984 Nov-Dec;20(6):507-11

Differential ventilation in acute respiratory failure. Indications and outcome. Hedenstierna G, et al. **Bull Eur Physiopathol Respir** 1985 May-Jun;21(3):281-5 (44 ref.)

Ventilatory support for pulmonary failure of the head trauma patient. Hemmer M. **Bull Eur Physiopathol Respir** 1985 May-Jun;21(3):287-93 (78 ref.)

Cardiopulmonary response to inspiratory pressure support during spontaneous ventilation vs conventional ventilation. Prakash O, et al. **Chest** 1985 Sep;88(3):403-8

High frequency ventilation in laser surgery of the larynx. Scheck PA, et al. **Clin Otolaryngol** 1984 Aug;9(4):203-7

Deadspace during high frequency jet ventilation: the effects of frequency, inspiratory time and entrainment. Malmkvist G, et al. **Clin Physiol** 1985;5 Suppl 3:143-6

Cardiorespiratory function before and after chest physiotherapy in mechanically ventilated patients with post-traumatic respiratory failure. Mackenzie CF, et al. **Crit Care Med** 1985 Jun;13(6):483-6

Conventional and high-frequency ventilation in dogs with bronchopleural fistula. Sjostrand UH, et al. **Crit Care Med** 1985 Mar;13(3):191-3

Prolonged use of high-frequency jet ventilation for a pediatric patient. Tilden SJ, et al. **Crit Care Med** 1985 Jun;13(6):508-9

Effect of high-frequency ventilation on histamine-induced lung injury in dogs. Weinmann GG, et al. **Crit Care Med** 1985 Jul;13(7):571-5

Severe combined respiratory and myocardial failure treated with high-frequency ventilation. Yeston NS, et al. **Crit Care Med** 1985 Mar;13(3):208-9

Airway and ventilator management. Chadwick O. **Emerg Med Clin North Am** 1983 Aug;1(2):241-60 (87 ref.)

Does geographical location influence inflow requirements of the Bain breathing system? Bain JA, et al. **Eur J Anaesthesiol** 1984 Mar;1(1):37-43

Dead space in HFV [letter] Fletcher R. **Eur J Anaesthesiol** 1985 Mar;2(1):95-100

Functional dead space during high frequency ventilation. Whitwam JG. **Eur J Anaesthesiol** 1984 Mar;1(1):7-9

Hyperinflation, hyperventilation, and hyperoxygenation before tracheal suctioning in children requiring long-term respiratory care. Feaster SC, et al. **Heart Lung** 1985 Jul;14(4):379-84

Principles of mechanical ventilation. Critical care medicine. Gross BM, et al. **Indiana Med** 1985 Jul;78(7):572-4

Clinical applications of high-frequency jet ventilation. Vincken W, et al. **Intensive Care Med** 1984;10(6):275-80

Alternative modes of ventilation. Part I. Disadvantages of controlled mechanical ventilation: intermittent mandatory ventilation. Willatts SM. **Intensive Care Med** 1985;11(2):51-5 (39 ref.)

Ventilatory response to high-frequency airway oscillation in humans. DeWeese EL, et al. **J Appl Physiol** 1985 Apr;58(4):1099-106

Peripheral mucociliary clearance with high-frequency chest wall compression. Gross D, et al. **J Appl Physiol** 1985 Apr;

58(4):1157-63

Efficacy of high-frequency ventilation in presence of extensive ventilation-perfusion mismatch. Kaiser KG, et al. **J Appl Physiol** 1985 Mar;58(3):996-1004

Ventilation by external high-frequency oscillation in cats. Ward HE, et al. **J Appl Physiol** 1985 Apr;58(4):1390-9

Differential lung ventilation. Butterfield MA, et al. **J Kans Med Soc** 1984 Nov;85(11):296-7

Conventional vs high-frequency jet ventilation in a piglet model of meconium aspiration: comparison of pulmonary and hemodynamic effects. Trindade O, et al. **J Pediatr** 1985 Jul;107(1):115-20

Comparison of high-frequency lung ventilation with conventional mechanical lung ventilation. Prospective trial in patients who have undergone cardiac operations. Shinozaki T, et al. **J Thorac Cardiovasc Surg** 1985 Feb;89(2):268-74

Jet insufflation anesthesia for endolaryngeal laser surgery: a review of 318 consecutive cases. Rontal E, et al. **Laryngoscope** 1985 Aug;95(8):990-2

Differential mechanical ventilation in respiratory failure due to severe unilateral lung disease. Parish JM, et al. **Mayo Clin Proc** 1984 Dec;59(12):822-8

Long-term ventilatory support in an infant with broncho-pulmonary dysplasia--a case report. Sivarajah RS, et al. **Med J Malaysia** 1984 Mar;39(1):88-91

Use of high frequency jet ventilation during mechanical hyperventilation to reduce intracranial pressure in patients with multiple organ system injury. Hurst JM, et al. **Neurosurgery** 1984 Oct;15(4):530-4

Neonatal high-frequency jet ventilation: four years' experience. Boros SJ, et al. **Pediatrics** 1985 Apr;75(4):657-63

Using conventional infant ventilators at unconventional rates. Boros SJ, et al. **Pediatrics** 1984 Oct;74(4):487-92

High frequency oscillation of the lungs alone lengthens expiration in dogs. Banzett RB, et al. **Respir Physiol** 1985 Jul;61(1):57-67

High-frequency ventilation: a review. Chang HK, et al. **Respir Physiol** 1984 Aug;57(2):135-52 (82 ref.)

High-frequency oscillation affects surfactant phospholipid metabolism in rabbits. Ennema JJ, et al. **Respir Physiol** 1984 Oct;58(1):29-39

Effect of bias flow rate on gas transport during high-frequency oscillatory ventilation. Solway J, et al. **Respir Physiol** 1985 May;60(2):267-76

A double-crossover study comparing conventional ventilation with high frequency ventilation in a patient with tracheoèsophageal fistula. Oliver AM, et al. **Resuscitation** 1985 Mar;12(4):225-31

Emergency management of tracheal rupture. Miguel RV, et al. **South Med J** 1985 Sep;78(9):1132-5

Adult respiratory distress syndrome: improved oxygenation during high-frequency jet ventilation/continuous positive airway pressure. Hurst JM, et al. **Surgery** 1984 Oct;96(4):764-9

[The effect of high-frequency jet ventilation on respiratory function under general anesthesia] Yie TH. **Chung Hua I Hsueh Tsa Chih** 1984 Jul;64(7):424-7 (Eng. Abstr.) **(Chi)**

[Possibilities of therapy using continuous negative pressure in the neonatal unit] Kilianová E, et al. **Cesk Pediatr** 1984 Aug;39(8):451-2 (Eng. Abstr.) **(Cze)**

[Value of positive expiratory pressure during spontaneous respiration in neurotraumatology and neurosurgery] Poussel JF, et al. **Agressologie** 1984 Jun;25(7):797-9 (Eng. Abstr.) **(Fre)**

[Technics for artificial ventilation of a single lung during thoracotomy] Debaert-Paquet A, et al. **Ann Fr Anesth Reanim** 1984;3(5):392-5 (Eng. Abstr.) **(Fre)**

[Effect of artificial ventilation with an end-expiratory plateau on gas exchange amd hemodynamics in chronic respiratory failure] Battistella P, et al. **Bull Eur Physiopathol Respir** 1985 May-Jun;21(3):243-50 (Eng. Abstr.) **(Fre)**

[Ventilation using jet-ventilation during fiber-optic bronchoscopy in children under 5 years old. Apropos of 100 case reports] Dalens B, et al. **Cah Anesthesiol** 1984 Nov;32(7):557-61 (Eng. Abstr.) **(Fre)**

[Unilateral high-frequency jet ventilation (HFJV) in surgery of the tracheal bifurcation] Giunta F, et al. **Cah Anesthesiol** 1985 Mar;33(2):149-51 **(Fre)**

[Prevention of early respiratory complications in esophageal surgery by ventilation of the independent lungs] Neidhardt A, et al. **Cah Anesthesiol** 1984 Dec;32(8):613-6 (Eng. Abstr.) **(Fre)**

[Congenital diaphragmatic hernia. Antenatal diagnosis. thoracic drainage. High frequency ventilation] Schmitt M, et al. **Chir Pediatr** 1985;26(1):8-12 (Eng. Abstr.) **(Fre)**

[A new case of acid maltase deficiency. Treatment by artificial respiration at home (letter)] Brunel D, et al. **Presse Med** 1984 Oct 27;13(38):2322-3 **(Fre)**

[Brain function and artificial respiration] Prien T, et al. **Anasth Intensivther Notfallmed** 1984 Dec;19(6):289-96 (Eng. Abstr.) **(Ger)**

[Pathophysiology and clinical aspects of single lung ventilation] Scherer R, et al. **Anasth Intensivther Notfallmed** 1984 Aug;19(4):168-74 (Eng. Abstr.) **(Ger)**

[Hemodynamic and respiratory changes in operations of the esophagus by unilateral ventilation] Scherer R, et al. **Chirurg** 1984 Oct;55(10):665-9 (Eng. Abstr.) **(Ger)**

[2-frequency artificial respiration--a new therapeutic concept] Heller K, et al. **Monatsschr Kinderheilkd** 1985 May;133(5):309-10 (Eng. Abstr.) **(Ger)**

[Special artificial respiration procedures and intracranial pressure. Animal experiment studies, development and use of a new pressure measuring technic, clinical aspects] Schedl R. **Wien Klin Wochenschr [Suppl]** 1985;157:1-22 (Eng. Abstr.) **(Ger)**

[Artificial respiration at the emergency site and in transport] Nötel U. **Z Arztl Fortbild (Jena)** 1984;78(15):611-3 **(Ger)**

[Independent ventilation of the lungs as treatment of the massive loss of gas due to bronchopleural fistula] Cancellieri F, et al. **Minerva Anestesiol** 1984 May;50(5):205-8 (Eng. Abstr.) **(Ita)**

[Selective bronchial intubation in neonatal RDS. Case report] Gallini C, et al. **Minerva Anestesiol** 1984 Dec;50(12):651-4 (Eng. Abstr.) **(Ita)**

[Clinical study of dual-mode independent lung ventilation with HFJV] Ariyoshi S. **Masui** 1984 Jun;33(6):607-16 (Eng. Abstr.) **(Jpn)**

[High frequency jet ventilation during open bronchus in the pulmonary surgery] Sekiguchi H, et al. **Masui** 1985 Apr;34(4):463-7 (Eng. Abstr.) **(Jpn)**

[Postoperative treatment of lung cancer associated with severe respiratory dysfunction--weaning from the ventilator by high frequency jet ventilation] Orita H, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Oct;32(10):1857-63 (Eng. Abstr.) **(Jpn)**

[Completely closed articical pulmonary ventilation during general anesthesia in children] Dabrinian TM, et al. **Anesteziol Reanimatol** 1984 Sep-Oct;(5):3-8 (Eng. Abstr.) **(Rus)**

[Long-term artificial pulmonary ventilation in the treatment of a patient with acute myocardial infarction complicated by true cardiogenic shock and pulmonary edema] Netiazhenko VZ, et al. **Anesteziol Reanimatol** 1984 Jul-Aug;(4):37-8 (Eng. Abstr.) **(Rus)**

[Various resuscitation aspects of extrapulmonary membrane oxygenation] Skorik VI. **Vestn Khir** 1985 Mar;134(3):104-7 **(Rus)**

MORTALITY

The outcome of mechanical ventilation: report of a five year study. Searle JF. **Ann R Coll Surg Engl** 1985 May;67(3):187-9

NURSING

Mechanical ventilation: the drug connection. Herrold RK. **Am J Nurs** 1984 Nov;84(11):1389-91

Feeding ventilated patients--safely. Irwin MM, et al. **Am J Nurs** 1985 May;85(5):544-6

Mechanical ventilation: bringing the patient into focus. Zori SJ. **Am J Nurs** 1984 Nov;84(11):1384-8

PSYCHOLOGY

[An electronic communication aid with a large keyboard for artificial respiration patients in the intensive care unit] Metz G, et al. **Anasth Intensivther Notfallmed** 1984 Aug;19(4):204-5 (Eng. Abstr.) **(Ger)**

TRENDS

Historic and future development of high-frequency ventilation. Bryan AC. **Ann Biomed Eng** 1984;12(4):353-6

RESPIRATION DISORDERS

Symposium on adult respiratory emergencies. **Emerg Med Clin North Am** 1983 Aug;1(2):221-472

BLOOD

Estimation of arterial oxygen and carbon dioxide tensions by a single transcutaneous sensor. Whitehead MD, et al. **Arch Dis Child** 1985 Apr;60(4):356-9

The effect of shunt and ventilation--perfusion imbalance on arterial oxygen transport. Mansour R. **Middle East J Anaesthesiol** 1984 Oct;7(6):379-402

[Transcutaneous measurement of oxygen tension in newborn infants] Fetter WP, et al. **Ned Tijdschr Geneeskd** 1984 Dec 8;128(49):2293-7 (Eng. Abstr.) **(Dut)**

CHEMICALLY INDUCED

Pronounced, episodic oxygen desaturation in the postoperative period: its association with ventilatory pattern and analgesic regimen. Catley DM, et al. **Anesthesiology** 1985 Jul;63(1):20-8

Characterization of adenosine-induced respiratory depression in the preterm rabbit. Hedner T, et al. **Biol Neonate** 1985;47(6):323-32

Evaluation of respiratory variables in smelter and control workers before and during a shutdown period. Holness DL, et al. **J Occup Med** 1985 May;27(5):341-6

L-dopa-induced respiratory disturbance in Parkinson's disease suppressed by tiapride. De Keyser J, et al. **Neurology** 1985 Feb;35(2):235-7

[Tardive respiratory depression in a young healthy man after intravenous buprenorphine] Adelhøj B, et al. **Ugeskr Laeger** 1985 Apr 15;147(16):1343 (Eng. Abstr.) **(Dan)**

[Postoperative respiratory depression after the administration of epidural morphine] Jensen NH, et al. **Ugeskr Laeger** 1985 May 13;147(20):1625-6 (Eng. Abstr.) **(Dan)**

[Respiratory disorders in acute poisoning] Jegham H. **Cah Anesthesiol** 1984 Jan-Feb;32(1):49-51 **(Fre)**

[Severe respiratory disorders and trismus during treatment with metoclopramide (letter)] Faller JP, et al. **Presse Med** 1984 Nov 24;13(42):2584 **(Fre)**

[Case reports of prolonged curarisation following renal transplantation] Isshiki A, et al. **Masui** 1985 Mar;34(3):358-63 (Eng. Abstr.) **(Jpn)**

COMPLICATIONS

Chronic ventilatory failure caused by abnormal respiratory pattern generation during sleep. Bradley TD, et al. **Am Rev Respir Dis** 1984 Oct;130(4):678-81

Respiratory heat loss is not the sole stimulus for bronchoconstriction induced by isocapnic hyperpnea with dry air. Eschenbacher WL, et al. **Am Rev Respir Dis** 1985 Jun;131(6):894-901

Association of Joubert's syndrome with Leber's congenital amaurosis [letter] King MD, et al. **Arch Neurol** 1984 Dec;41(12):1235

Respiratory and psychiatric abnormalities in chronic symptomatic hyperventilation. Bass C, et al. **Br Med J [Clin Res]** 1985 May 11;290(6479):1387-90

The mechanism of CO2 retention in cardiac pulmonary edema. Estenne M, et al. **Chest** 1984 Dec;86(6):936-8

[Transpulmonary artery closure of PDA in the adult patient with decreased pulmonary function] Kidani M, et al. **Kyobu Geka** 1985 Feb;38(2):147-9 (Eng. Abstr.) **(Jpn)**

[Anesthetic management of a patient with a dermatomyositis, malignancy and pulmonary dysfunction] Kashimoto S, et al. **Masui** 1985 Mar;34(3):354-7 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

Interobserver variation in assessment of respiratory signs. Physicians' guesses as to interobserver variation. Gjlrup T, et al. **Acta Med Scand** 1984;216(1):61-6

Asymptomatic disordered breathing during sleep in older persons. Disease or not? [editorial] Littner M, et al. **Arch Intern Med** 1985 Feb;145(2):233-4

The respiratory physician in a Third World district hospital. Macfarlane J. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):675-7

Respiratory dyskinesia: review and case reports. Chiang E, et al. **J Clin Psychiatry** 1985 Jun;46(6):232-4

Assessing maximal static ventilatory muscle pressures using the 'bugle' dynamometer. Suggestion from the field. Sobush DC, et al. **Phys Ther** 1984 Nov;64(11):1689-90

[Role of bicycle ergometry in the diagnosis of respiratory disorders in pulmonary tuberculosis patients] Timoshenko GA. **Vrach Delo** 1984 Dec;(12):36-40 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Effect of furosemide on the clinical course of transient tachypnea of the newborn. Wiswell TE, et al. **Pediatrics** 1985 May;75(5):908-10

EMBRYOLOGY

In utero diagnosis and management of fetal tachypnea. A case report. Reece EA, et al. **J Reprod Med** 1985 Mar;30(3):221-4

ETIOLOGY

Defining an adverse respiratory health effect. Samet JM. **Am Rev Respir Dis** 1985 Apr;131(4):487

Obesity and respiratory symptoms in primary school. Somerville SM, et al. **Arch Dis Child** 1984 Oct;59(10):940-4

Chronic respiratory effects of exposure to diesel emissions in coal mines. Ames RG, et al. **Arch Environ Health** 1984 Nov-Dec;39(6):389-94

Respiratory morbidity in wollastonite workers. Hanke W, et al. **Br J Ind Med** 1984 Nov;41(4):474-9

Respiratory sequelae of whooping cough. Swansea Research Unit of the Royal College of General Practitioners. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1937-40

The sick building syndrome [letter] **Br Med J [Clin Res]** 1985 Jan 26;290(6464):321-2

No respiratory sequelae from whooping cough [letter] Agerholm M. **Br Med J [Clin Res]** 1985 Aug 10;291(6492):409

The Tayside infant morbidity and mortality study: effect on health of using gas for cooking. Ogston SA, et al. **Br Med J [Clin Res]** 1985 Mar 30;290(6473):957-60

Increased risk of respiratory symptoms in young smokers of low tar cigarettes. Rimpelä AH, et al. **Br Med J [Clin Res]** 1985 May 18;290(6480):1461-3

Clinical complications of obesity. Kopelman PG. **Clin Endocrinol Metab** 1984 Nov;13(3):613-34 (99 ref.)

A case report of bronchogenic cyst in an infant causing acute respiratory distress. Ichikawa T, et al. **Hiroshima J Med Sci** 1985 Mar;34(1):39-42

A 30-year history of respiratory problems. Desch CE, et al. **Hosp Pract [Off]** 1985 Feb 15;20(2):108, 111, 114

Chronic bronchitis and respiratory function impairment in Chutta smokers (reverse smoking). Behera D, et al. **Indian J Chest Dis Allied Sci** 1984 Jan-Mar;26(1):26-

Respiratory conditions: effect of housing and other factors. McCarthy P, et al. **J Epidemiol Community Health**

Mar;39(1):15-9

Mechanisms of nasal obstruction in sleep. Cole P, et al. **Laryngoscope** 1984 Dec;94(12 Pt 1):1557-9 (26 ref.)

Respiratory symptoms and pulmonary function among welders working with aluminum, stainless steel and railroad tracks. Sjögren B, et al. **Scand J Work Environ Health** 1985 Feb;11(1):27-32

Pulmonary function in aluminium smelters. Field GB. **Thorax** 1984 Oct;39(10):743-51

[Anomalies of the respiratory control system in surgery of acoustic neurinomas] Clergue F, et al. **Agressologie** 1985 May;26(5):433-5 (Eng. Abstr.) **(Fre)**

[Delayed respiratory arrest following spinal anesthesia] Klöss T, et al. **Reg Anaesth** 1984 Jul;7(3):98-100 (Eng. Abstr.) **(Ger)**

[Complications of general anesthesia after surgery for injuries and diseases of the maxillo-facial area] Aleksandrov NM, et al. **Voen Med Zh** 1984 Nov;(11):26-8 **(Rus)**

[Guillain-Barre syndrome associated with a cerebral hemisphere lesion. Clinico-radiologic case] Campistol J, et al. **Med Clin (Barc)** 1985 Mar 16;84(10):408-10 (Eng. Abstr.) **(Spa)**

[Respiratory morbidity and atmospheric pollution (letter)] Ussetti P, et al. **Med Clin (Barc)** 1985 Jan 12;84(1):39 **(Spa)**

METABOLISM

Charcot-Leyden crystal protein and eosinophil granule major basic protein in sputum of patients with respiratory diseases. Dor PJ, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1072-7

Influence of chronic respiratory acid-base disorders on acute CO2 titration curve. Adrogué HJ, et al. **J Appl Physiol** 1985 Apr;58(4):1231-8

MORTALITY

On the lethality of acute respiratory component of tardive dyskinesia. Goswami U, et al. **Clin Neurol Neurosurg** 1985; 87(2):99-102

NURSING

[Management of the respiratory tract after brain injury] Sun CL, et al. **Chung Hua Hu Li Tsa Chih** 1985 Jun;20(3):148-9 **(Chi)**

OCCURRENCE

Respiratory health at a pulpmill in British Columbia. Enarson DA, et al. **Arch Environ Health** 1984 Sep-Oct;39(5):325-30

Effects of smoking on pulmonary function and symptomatology in occupationally exposed groups. McClimans CD, et al. **Arch Environ Health** 1984 Sep-Oct; 39(5):331-8

PHYSIOPATHOLOGY

Respiratory predictors of disability days: a five year prospective study of U.S. coal miners. Ames RG, et al. **Am J Ind Med** 1985;7(4):337-42

Course and prognosis of sarcoidosis in a nonreferral setting. Analysis of 86 patients observed for 10 years. Reich JM, et al. **Am J Med** 1985 Jan;78(1):61-7

Symptoms, pulmonary function, and bronchial hyperreactivity in western red cedar workers compared with those in office workers. Chan-Yeung M, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1038-41

Apneas and oscillation of cardiac ectopy in Cheyne-Stokes breathing during sleep. Findley LJ, et al. **Am Rev Respir Dis** 1984 Nov;130(5):937-9

Conditioning of the diaphragm with phrenic nerve stimulation after prolonged disuse. Nochomovitz ML, et al. **Am Rev Respir Dis** 1984 Oct;130(4):685-8

The 100 m walk: a simple and reproducible exercise test. Morice A, et al. **Br J Dis Chest** 1984 Oct;78(4):392-4

Acute exposure of symptomatic steelworkers to sulphur dioxide and carbon dust: effects on mucociliary transport, pulmonary function, and bronchial reactivity. Wolff RK, et al. **Br J Ind Med** 1984 Nov;41(4):499-505

Interactions between chest wall, respiratory muscles and lung function in disease. Pride NB. **Bull Eur Physiopathol Respir** 1984 Sep-Oct;20(5):423-8

Awake abnormalities of control of breathing and of the upper airway. Occurrence in healthy older men with nocturnal disordered breathing. Littner M, et al. **Chest** 1984 Oct; 86(4):573-9

Cheyne-Stokes respiration revisited: controversies and implications. Tobin MJ, et al. **Crit Care Med** 1984 Oct; 12(10):882-7 (53 ref.)

Blink reflex in Biot's type of breathing: a case report. Fritze J, et al. **Electromyogr Clin Neurophysiol** 1984 Aug-Sep; 24(6):485-90

Disorders of the chest wall and diaphragm. Dronen SC. **Emerg Med Clin North Am** 1983 Aug;1(2):449-68 (79 ref.)

The development of lung function in Sydney children: effects of respiratory illness and smoking. A ten year study. **Eur J Respir Dis [Suppl]** 1984;132:1-137

Sleep-waking modulation of respiratory sinus arrhythmia in aged and young adult cats. Schechtman VL, et al. **Exp Neurol** 1985 Apr;88(1):234-9

Respiratory dysautonomia in leprosy. Gupta OP, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):844-6

Peripheral chemoreceptors in respiratory oscillations. Lahiri S, et al. **J Appl Physiol** 1985 Jun;58(6):1901-8

Pulmonary interstitial emphysema and tension extra-pulmonary air in the neonate--increasing hazards. Srouji MN, et al. **Middle East J Anaesthesiol** 1984 Oct; 7(6):403-15

Comparison of phrenic motoneuron activity in eupnea and apneusis. St John WM, et al. **Respir Physiol** 1985 Jun; 60(3):347-55

Cheyne-Stokes breathing during sleep in patients with left ventricular heart failure. Findley LJ, et al. **South Med J** 1985 Jan;78(1):11-5

[Respiratory disorders in acquired heart valve defects with various degrees of heart failure] Marinov Kh. **Vutr Boles** 1985;24(1):99-107 (Eng. Abstr.) **(Bul)**

[Fatigue of the respiratory muscles] Aubier M. **Presse Med** 1984 Sep 29;13(33):2009-12 (Eng. Abstr.) **(Fre)**

[Respiratory function changes in multiple myeloma] Lauta VM, et al. **Recenti Prog Med** 1985 Apr;76(4):188-93 (Eng. Abstr.) **(Ita)**

[Apnea and periodic respiration during sleep in the newborn infant. Polygraphic aspects] Reimão R, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Sep-Oct; 39(5):227-9 (Eng. Abstr.) **(Por)**

PREVENTION & CONTROL

[Clinical use of helium-oxygen mixtures] Kostylev EG. **Khirurgiia (Mosk)** 1984 Nov;(11):91-6 (Eng. Abstr.) **(Rus)**

PSYCHOLOGY

Children with recurrent hospitalizations: a problem of disabled children, parents, and physicians. Barbero GJ. **J Dev Behav Pediatr** 1984 Dec;5(6):319-24

RADIOGRAPHY

[Use of radiopneumopoligraphy in the diagnosis of respiratory function disorders in patients with fibro-cavernous pulmonary tuberculosis] Gapon'ko GA, et al. **Probl Tuberk** 1984 Oct;(10):36-40 (Eng. Abstr.) **(Rus)**

THERAPY

Mechanically assisted ventilation in a community hospital. Immediate outcome, hospital charges, and follow-up of patients. Witek TJ Jr, et al. **Arch Intern Med** 1985 Feb; 145(2):235-9

Postoperative ventilatory dependency following thymectomy for myasthenia gravis. Sivak ED, et al. **Cleve Clin Q** 1984 Winter;51(4):585-9

Airway and ventilator management. Chadwick O. **Emerg Med Clin North Am** 1983 Aug;1(2):241-60 (87 ref.)

[Current problems in weaning from the respirator] Keller R, et al. **Schweiz Med Wochenschr** 1985 Feb 9;115(6):182-5 (Eng. Abstr.) **(Ger)**

[Extra-clinic emergency treatment of respiration disorders in infants and young children] Wild L, et al. **Z Arztl Fortbild (Jena)** 1984;78(15):615-6 **(Ger)**

[Independent ventilation of the lungs as treatment of the massive loss of gas due to bronchopleural fistula] Cancellieri F, et al. **Minerva Anestesiol** 1984 May; 50(5):205-8 (Eng. Abstr.) **(Ita)**

RESPIRATORS

Moisture exchangers do not prevent patient contamination of ventilators. A microbiological study. Bygdeman S, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):591-4

Distribution of expiratory gas and rebreathing in a T-piece modification combined with a PEEP valve. Hartmann-Andersen F, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):671-6

Constant-flow ventilator. Bisera J, et al. **Acute Care** 1983-84; 10(1):40-2

Assessment of the ability to manage patients on mechanical ventilators using a computer model. Grossman R, et al. **Acute Care** 1983-84;10(2):95-102

The MultiCircuit System. 2. A study during spontaneous ventilation in awake volunteers using the Mapleson A mode. Bradley JP, et al. **Anaesth Intensive Care** 198 May; 13(2):158-62

The MultiCircuit System. 1. Description of a device providing several Mapleson functions. Salkield IM. **Anaesth Intensive Care** 1985 May;13(2):153-7

Ventilation safety guard [letter] Swan P, et al. **Anaesth Intensive Care** 1985 Feb;13(1):107-8

Antipollution systems [letter] Bethune DW, et al. **Anaesthesia** 1985 May;40(5):503-4

A new co-axial breathing system. A combination of the benefits of Mapleson A, D and E systems. Burchett KR, et al. **Anaesthesia** 1985 Feb;40(2):181-7

Unintentional negative expiratory pressure [letter] Goudie TA. **Anaesthesia** 1984 Dec;39(12):1252-3

Simple modification of the Lack system for use with Manley ventilators [letter] Jenkins BJ, et al. **Anaesthesia** 1984 Nov; 39(11):1148-9

A hazard with the Servo 900B ventilator [letter] Lowe SS. **Anaesthesia** 1985 May;40(5):499-500

Faults in expiratory valves [letter] Marsh RH, et al. **Anaesthesia** 1985 May;40(5):505-6

New lamps for old: failure of a Blease Manley MP3 ventilator [letter] Thorn JL, et al. **Anaesthesia** 1984 Dec;39(12):1258-9

A bellow's leak in an Ohio anesthesia ventilator [letter] Ripp CH, et al. **Anesth Analg** 1985 Sep;64(9):942

Ventilation during CPR: two-rescuer standards reappraised. Melker RJ, et al. **Ann Emerg Med** 1985 May;14(5):397-402

The Robertshaw demand valve. Redmond AD. **Arch Emerg Med** 1984 Jun;1(2):117

A mechanical valve assembly for Xenon 133 gas delivery systems. Round WH. **Australas Phys Eng Sci Med** 1984 Oct-Dec;7(4):175-6

Home care for ventilator-dependent individuals [letter] Make BJ. **Chest** 1985 Mar;87(3):412

Compression volume during mechanical ventilation: comparison of ventilators and tubing circuits. Bartel LP, et al. **Crit Care Med** 1985 Oct;13(10):851-4

Continuous positive airway pressure: a breathing system to minimize respiratory work. Hillman DR, et al. **Crit Care Med** 1985 Jan;13(1):38-43

Systemic cardiac output and distribution during high-frequency oscillation. Mirro R, et al. **Crit Care Med** 1985 Sep;13(9):724-7

Bacterial contamination of pressurized inhalers. Levesque KA, et al. **Drug Intell Clin Pharm** 1984 Sep;18(9):735-7

Does geographical location influence inflow requirements of the Bain breathing system? Bain JA, et al. **Eur J Anaesthesiol** 1984 Mar;1(1):37-43

The use of bolus normal saline instillations in artificial airways: is it useful or necessary? Ackerman MH. **Heart Lung** 1985 Sep;14(5):505-6

Differential lung ventilation. Butterfield MA, et al. **J Kans Med Soc** 1984 Nov;85(11):296-7

Evaluation of lung ventilators. **J Med Eng Technol** 1984 May-Jun;8(3):133-40

Regional pulmonary distribution of krypton-81m gas delivered by different breathing systems. Mostafa AB, et al. **J Nucl Med** 1985 Feb;26(2):191-3

Xe-133 rebreathing system for ventilation studies on ventilator-assisted patients. Wiesen EJ, et al. **J Nucl Med** 1984 Oct;25(10):1132-3

What advantages/disadvantages do high-frequency ventilator have over the more conventional methods of ventilating injured patients? Sjöstrand UH. **J Trauma** 1984 Sep;24(9 Suppl):S56-64

Systemic arterial pH servocontrolled ventilator simulation of the respiratory control system. Coon RL, et al. **Respir Physiol** 1984 Dec;58(3):345-50

Histamine log(dose)-response curves in asthmatics. A comparison between the Wiesbadener Doppelinhalator and the De Vilbiss Model 645 nebulizer. Bogaard JM, et al. **Respiration** 1985;47(4):278-84

A comparison of two resuscitators in the management of birth asphyxia. Davies VA, et al. **S Afr Med J** 1985 Jul 6; 68(1):19-22

A simple technique for enteral feedings in patients on ventilators. Lanzafame RJ, et al. **Surg Gynecol Obstet** 1985 Jan;160(1):83

High frequency jet ventilation in tracheopleural fistula: case report. Fernandez NA, et al. **Tex Med** 1985 Mar;81(3):61-2

Extracorporeal gas exchange, lung transplantation, and the artificial lung. Bartlett RH, et al. **Trans Am Soc Artif Intern Organs** 1984;30:679-81

[Experience with the Babylog I ventilator in the neonatal intensive care unit] Kredba V, et al. **Cesk Pediatr** 1985 Aug;40(8):474-5 **(Cze)**

[Pulmonary edema caused by ammonia inhalation (accident from sterilization of a respirator)] Florent C, et al. **Agressologie** 1984 Dec;25(12):1317-20 (Eng. Abstr.) **(Fre)**

[Spontaneous respiration in artificial ventilation. Importance of valve resistance (letter)] Iotti G, et al. **Presse Med** 1985 Jan 26;14(3):165-6 **(Fre)**

[Effect of various tracheal diameter forms on airway pressure in experimental intratracheal injector ventilation] Baer GA. **Anaesthesist** 1985 Mar;34(3):124-8 (Eng. Abstr.) **(Ger)**

[Malfunction of equipment by the addition of a bacterial filter in the expiratory branch of the respiratory circuit] Geyer A, et al. **Anaesthesist** 1985 Mar;34(3):129-33 (Eng. Abstr.) **(Ger)**

[Collecting end-expiratory air for capnography in high-frequency jet ventilation] Rockemann MG, et al. **Anasth Intensivther Notfallmed** 1985 Apr;20(2):95-7 (Eng. Abstr.) **(Ger)**

[2-frequency artificial respiration--a new therapeutic concept] Heller K, et al. **Monatsschr Kinderheilkd** 1985 May;133(5):309-10 (Eng. Abstr.) **(Ger)**

[Effect of superimposed jet oscillation on lung mechanics while using a Servo HFV unit] Yasumoto K, et al. **Masui** 1985 Feb;34(2):173-9 (Eng. Abstr.) **(Jpn)**

[Use of small compressors in the respiratory care of newborn infants] Facchini FP, et al. **AMB** 1984 Jul-Aug; 30(7-8):153-6 (Eng. Abstr.) **(Por)**

[Various resuscitation aspects of extrapulmonary membrane oxygenation] Skorik VI. **Vestn Khir** 1985 Mar;134(3):104-7 **(Rus)**

[Mechanical ventilation at home in amyotrophic lateral sclerosis (letter)] Nogueras A, et al. **Med Clin (Barc)** 1985 Mar 2;84(8):333-4 **(Spa)**

ADVERSE EFFECTS

Hazard with Penlon Intermed humidifier [letter] Houghton AM. **Anaesthesia** 1985 Aug;40(8):817-8

Potential hazard of East-Radcliffe ventilator. Failure to entrain adequate oxygen. Myerson KR. **Anaesthesia** 1985

Mar;40(3):285-7

STANDARDS

Feedback on ventilators. Janowski MJ. **Am J Nurs** 1984 Dec; 84(12):1494

Split ventilator bellows [letter] Rigg D, et al. **Anaesth Intensive Care** 1985 May;13(2):213

Anesthesia ventilators should have adjustable high-pressure alarms [letter] Bashein G, et al. **Anesthesiology** 1985 Aug; 63(2):231-3

Evaluation of ventilator alarms. **J Med Eng Technol** 1984 Nov-Dec;8(6):270-6

[JIS draft proposal for lung ventilators for medical use] Sato T. **Masui** 1985 Jun;34(6):873-85 (Eng. Abstr.) **(Jpn)**

RESPIRATORY ACIDOSIS see **ACIDOSIS, RESPIRATORY**

RESPIRATORY AIRFLOW

The Venturi anaesthesia circuit II. Carbon dioxide production and gas flow requirements. Christensen KJ, et al. **Acta Anaesthesiol Scand** 1985 Apr;29(3):273-5

Flow pattern and respiratory characteristics during halothane anaesthesia. Jonsson LO, et al. **Acta Anaesthesiol Scand** 1985 Apr;29(3):309-14

The Venturi anaesthesia circuit I. An all-purpose breathing system for anaesthesia. Jørgensen S, et al. **Acta Anaesthesiol Scand** 1985 Apr;29(3):269-72

Reciprocal changes in nasal resistance to airflow caused by pressure applied to the axilla. Davies AM, et al. **Acta Otolaryngol (Stockh)** 1985 Jan-Feb;99(1-2):154-9

Measurement of partial flow volume curves in volunteers with experimental rhinovirus infection. Suratt PM, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;413:37-41

Effect of heat delivery and extraction on airway conductance in normal and in asthmatic subjects. Aitken ML, et al. **Am Rev Respir Dis** 1985 Mar;131(3):357-61

Flow resistance of exhalation valves and positive end-expiratory pressure devices used in mechanical ventilation. Marini JJ, et al. **Am Rev Respir Dis** 1985 Jun; 131(6):850-4

Limited bronchoconstriction to methacholine using partial flow-volume curves in nonasthmatic subjects. Sterk PJ, et al. **Am Rev Respir Dis** 1985 Aug;132(2):272-7

Air flow limitation in children: narrow airways or large lungs? [letter] Teculescu DB. **Am Rev Respir Dis** 1985 Jun; 131(6):965

Airflow study of pathologic larynges using a hot wire flowmeter. Kitajima K. **Ann Otol Rhinol Laryngol** 1985 Mar-Apr;94(2 Pt 1):195-7

Airflow limitation. Woolcock A. **Aust NZ J Med** 1984 Oct; 14(5 Suppl 3):794-7

The effects of three training intensities on VO2 max and VE/VO2 ratio. Bhambhani Y, et al. **Can J Appl Sport Sci** 1985 Mar;10(1):44-51

A test of aerobic capacity: description and reliability. Boulay MR, et al. **Can J Appl Sport Sci** 1984 Sep;9(3):122-6

Respiratory drive in nonsmokers and smokers assessed by passive tilt and mouth occlusion pressure. Response to rebreathing carbon dioxide. Chadha TS, et al. **Chest** 1985 Jan;87(1):6-10

Is the MVV:FEV1 ratio useful for assessing spirometry validity? Harber P, et al. **Chest** 1985 Jul;88(1):52-7

Forced random noise resistance determination in childhood asthma. König P, et al. **Chest** 1984 Dec;86(6):884-90

Flow-volume curve abnormalities and obstructive sleep apnea syndrome. Krieger J, et al. **Chest** 1985 Feb; 87(2):163-7

Airway reactivity and cotton bract-induced bronchial obstruction. Schachter EN, et al. **Chest** 1985 Jan;87(1):51-5

Vowel oral air flow rates and air volumes for vowels [letter] Warren DW. **Cleft Palate J** 1985 Apr;22(2):134-5

Respiratory airflow measurement in the neonate. Dransfield DA, et al. **Clin Perinatol** 1985 Feb;12(1):21-30

Relationship between ventilation and breathlessness during exercise in chronic obstructive airways disease is not altered by prevention of hypoxaemia. Swinburn CR, et al. **Clin Sci** 1984 Nov;67(5):515-9

A physiologic assessment of upper airway function following hemilaryngectomy. Myer CM 3d, et al. **Ear Nose Throat J** 1984 Sep;63(9):428-31

Regional specific mean expiratory gas flow from 81mKr equilibrium inhalation data. Hamilton D, et al. **Eur J Nucl Med** 1985;10(7-8):321-31

Effect of speaking rate on nasal airflows in hearing-impaired speakers. Gilbert HR, et al. **Folia Phoniatr (Basel)** 1984; 36(4):183-9

Some spectral characteristics of airflow signals associated with oral reading. Horii Y. **Folia Phoniatr (Basel)** 1984; 36(4):157-63

Pressure excursions during oscillatory flow in a branching network of tubes. Akhavan R, et al. **J Appl Physiol** 1984 Sep;57(3):665-73

Pulmonary resistance and compliance by auto- and cross-correlation functions of transpulmonary pressure and flow. Clément J, et al. **J Appl Physiol** 1984 Nov; 57(5):1448-53

Pressure-time product, flow, and oxygen cost of resistive breathing in humans. Collett PW, et al. **J Appl Physiol** 1985 Apr;58(4):1263-72

Airway hysteresis in normal subjects and individuals with chronic airflow obstruction. Fairshter RD. **J Appl Physiol** 1985 May;58(5):1505-10

Reflex effects and receptor responses to upper airway pressure and flow stimuli in developing puppies. Fisher JT, et al. **J Appl Physiol** 1985 Jan;58(1):258-64

Pressure-flow relationships of endotracheal tubes during high-frequency ventilation. Gavriely N, et al. **J Appl Physiol** 1985 Jul;59(1):3-11

Dynamic maintenance of end-expiratory lung volume in full-term infants. Kosch PC, et al. **J Appl Physiol** 1984 Oct;57(4):1126-33

Quiet-breathing vs. panting methods for determination of specific airway conductance. Krell WS, et al. **J Appl Physiol** 1984 Dec;57(6):1917-22

Inspiratory flow pattern in humans. Lafortuna CL, et al. **J Appl Physiol** 1984 Oct;57(4):1111-9

Effect of the larynx on oscillatory flow in the central airways: a model study. Menon AS, et al. **J Appl Physiol** 1985 Jul; 59(1):160-9

Soft palate and oronasal breathing in humans. Rodenstein DO, et al. **J Appl Physiol** 1984 Sep;57(3):651-7

Simulation of gas transport due to cardiogenic oscillations. Slutsky AS, et al. **J Appl Physiol** 1985 Apr;58(4):1331-9

Location of flow-limiting segments via airway catheters near residual volume in humans. Smaldone GC, et al. **J Appl Physiol** 1985 Aug;59(2):502-8

Enhancement of particle deposition by flow-limiting segments in humans. Smaldone GC, et al. **J Appl Physiol** 1985 Aug;59(2):509-14

Flow limitation, cough, and patterns of aerosol deposition in humans. Smaldone GC, et al. **J Appl Physiol** 1985 Aug; 59(2):515-20

The contribution of nasal countercurrent heat exchange to water balance in the northern elephant seal, Mirounga angustirostris. Huntley AC, et al. **J Exp Biol** 1984 Nov; 113:447-54

Influence of lung volume on the airflow-intensity relationship. Schneider P, et al. **J Speech Hear Res** 1984 Sep;27(3):430-5

'Saw-tooth' pattern on a flow-volume loop following neck surgery [letter] Kohan JM, et al. **JAMA** 1984 Nov 16; 252(19):2701-2

Maximal ventilation after exhausting exercise. Bender PR, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):164-7

Sensitivity of maximal aerobic power to training is genotype-dependent. Prud'homme D, et al. **Med Sci Sports Exerc** 1984 Oct;16(5):489-93

Efficiency and limitations of the upper airway mucosa as an air conditioner evaluated from the mechanisms of bronchoconstriction in asthmatic subjects. Konno A, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(1):5-16

Influence of airway pressure waveform on cardiac output during positive pressure ventilation of healthy newborn dogs. Reller MD, et al. **Pediatr Res** 1985 Apr;19(4):337-41

Effect of bias flow rate on gas transport during high-frequency oscillatory ventilation. Solway J, et al. **Respir Physiol** 1985 May;60(2):267-76

Ventilatory thresholds during a graded exercise test. Bhambhani Y, et al. **Respiration** 1985;47(2):120-8

Peak inspiratory flow: measurement using a modified mini Wright peak flow meter. Depledge MH. **Thorax** 1985 Mar; 40(3):205-6

Spirometric lung function tests in normal non-smoking Ethiopian men and women. Mengesha YA, et al. **Thorax** 1985 Jun;40(6):465-8

Performance, ventilation, and oxygen consumption in three different types of exercise test in patients with chronic obstructive lung disease. Swinburn CR, et al. **Thorax** 1985 Aug;40(8):581-6

[Standardization of rhinomanometry] Clement PA. **Acta Otorhinolaryngol Belg** 1984;38(4):380-5 **(Dut)**

[Airflow measurements with standardized vocal parameters] Dejonckere PH, et al. **Folia Phoniatr (Basel)** 1985; 37(2):58-65 (Eng. Abstr.) **(Fre)**

[Supraglottal registration of phonatory airflow with a heated wire anemometer probe] Müsebeck K, et al. **Folia Phoniatr (Basel)** 1985;37(1):22-30 (Eng. Abstr.) **(Ger)**

[Rhinomanometric measurements in obstructed nasal respiration before and following rhinosurgical interventions] Lenz H, et al. **HNO** 1985 Jul;33(7):319-24 (Eng. Abstr.) **(Ger)**

[Rhinorheomanometry in the self care of allergic patients] Mayer B, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Apr; 64(4):191-3 (Eng. Abstr.) **(Ger)**

[Esophageal pressure measurements in newborn infants within the scope of respiratory mechanical studies] Lamme W, et al. **Padiatr Grenzgeb** 1985;24(4):265-76 (Eng. Abstr.) **(Ger)**

[Characteristics of oscillatory respiratory respiratory resistance determination in childhood] Berdel D, et al. **Prax Klin Pneumol** 1984 Nov;38(11):499-502 (Eng. Abstr.) **(Ger)**

[Thoughts, measurements and comparisons of the usefulness of phase displaced pressure-flow diagrams in the evaluation of obstructive lung diseases. Measurement of respiratory air per liter] Hase H. **Prax Klin Pneumol** 1985 Jan; 39(1):5-14 (Eng. Abstr.) **(Ger)**

[Elaboration of a rhinogram and statistical identification of the range of normality with digital rhinomanometry] Brusa M, et al. **Acta Otorhinolaryngol Ital** 1984 Jan-Feb; 4(1):75-84 (Eng. Abstr.) **(Ita)**

[Assessment of nasal patency by measurement of forced inspiratory flow] D'Aloya N, et al. **Acta Otorhinolaryngol Ital** 1985 Jan-Feb;5(1):71-81 (Eng. Abstr.) **(Ita)**

[The clinical electrorhinospirograph] Betlejewski S, et al. **Otolaryngol Pol** 1984;38(6):543-7 (Eng. Abstr.) **(Pol)**

[Voluntary control of respiratory airflow by instrumental feedback] Breslav IS, et al. **Fiziol Cheloveka** 1984 Jan-Feb; 10(1):139-43 **(Rus)**

[Inspiratory and expiratory flow rates under different breathing regimens in people of different ages] Ivanov LA. **Fiziol Zh** 1985 Jan-Feb;31(1):33-8 (Eng. Abstr.) **(Rus)**

[Stimulation of trigeminal receptors of the nasal mucosa by respiratory airflow] Glebovskiĭ VD, et al. **Fiziol Zh SSSR** 1984 Nov;70(11):1534-41 (Eng. Abstr.) **(Rus)**

[Importance of determining lung volume and airflow in evaluating the ventilatory function of the lungs] Pavičic F. **Arh Hig Rada Toksikol** 1984 Mar;35(1):43-50 (Eng. Abstr.) **(Ser)**

[Selection of spirometric tests in the evaluation of ventilatory function of the lungs] Zuškin E, et al. **Arh Hig Rada Toksikol** 1984 Mar;35(1):31-41 (Eng. Abstr.) **(Ser)**

[Problems in reference values for pulmonary volumes and flow in Yugoslavia] Sekulić S. **Plucne Bolesti** 1984 Jan-Jun; 36(1-2):66-8 (Eng. Abstr.) **(Ser)**

DRUG EFFECTS

Airway and cardiovascular responses to inhaled prostacyclin in normal and asthmatic subjects. Hardy C, et al. **Am Rev Respir Dis** 1985 Jan;131(1):18-21

The effect of inhaled leukotriene D4 in humans. Smith LJ, et al. **Am Rev Respir Dis** 1985 Mar;131(3):368-72

Bronchodilators increase airway instability in cystic fibrosis. Zach MS, et al. **Am Rev Respir Dis** 1985 Apr;131(4):537-43

Effects of aminophylline upon the exercise performance of patients with stable chronic airflow obstruction. Nietrzeba RM, et al. **Bull Eur Physiopathol Respir** 1984 Jul-Aug; 20(4):361-7

Effect of medroxyprogesterone on ventilatory control and pulmonary gas exchange in chronic obstructive patients. Delaunois L, et al. **Respiration** 1985;47(2):107-13

Differences in responsiveness to hyperventilation and methacholine in asthma and chronic bronchitis. Ramsdale EH, et al. **Thorax** 1985 Jun;40(6):422-6

[Respiratory response to sulfuric acid and sulfate salts mist] Hirano S, et al. **Nippon Eiseigaku Zasshi** 1985 Feb; 39(6):905-13 (Eng. Abstr.) **(Jpn)**

RESPIRATORY ALKALOSIS see **ALKALOSIS, RESPIRATORY**

RESPIRATORY CARE UNITS

Experience with a prolonged respiratory care unit--revisited. Indihar FJ, et al. **Chest** 1984 Oct;86(4):616-20

[Respiratory monitoring in the respiratory care unit] Kuratomi Y, et al. **Iyodenshi To Seitai Kogaku** 1984 Dec; 22(7):482-9 (24 ref.) **(Jpn)**

RESPIRATORY CENTER

DRUG EFFECTS

Opposite effects of the delta- and mu-opioid receptor agonists on ventilation in conscious adult dogs. Haddad GG, et al. **Brain Res** 1984 Dec 3;323(1):73-82

Prolonged respiratory center depression after alcohol and benzodiazepines. Jedeikin R, et al. **Chest** 1985 Feb; 87(2):262-4

Thyrotropin-releasing hormone induces rhythmic bursting in neurons of the nucleus tractus solitarius. Dekin MS, et al. **Science** 1985 Jul 5;229(4708):67-9

[Effect of beta-endorphin, enkephalins and their synthetic analogs on the neuronal electrical activity of the respiratory center in the medulla oblongata] Iasnetsov VV, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):687-90 (Eng. Abstr.) **(Rus)**

[Effect of naloxone on coughing] Carreira-Monteiro ME, et al. **Rev Esp Fisiol** 1985 Mar;41(1):43-7 (Eng. Abstr.) **(Spa)**

[Respiratory effects of naloxone] Carreira-Monteiro ME, et al. **Rev Esp Fisiol** 1985 Jun;41(2):187-93 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

The effects of pontine or bulbar transection on the respiratory pattern in the rabbit. Gromysz H. **Acta Neurobiol Exp (Warsz)** 1984;44(6):239-47

Two-processor system, based on the ZX-Spectrum microcomputer and the CAMAC modular system, for the analysis of physiological data. Kruk PJ, et al. **Acta Neurobiol Exp (Warsz)** 1984;44(6):301-9

Central chemosensitivity to H+ and CO2 in the rat respiratory center in vitro. Harada Y, et al. **Brain Res** 1985 May 6;333(2):336-9

Spinal integration and rhythm generation in breathing. Sears TA. **Bull Eur Physiopathol Respir** 1984 Sep-Oct; 20(5):399-401

Inspiratory on-switch evoked by mesencephalic stimulation activity of medullary respiratory neurones. Gauthier P, et al. **Exp Brain Res** 1984;56(3):475–87

Difference between measured and calculated critical delay of bulbospinal respiratory neurons caused by determinations of refractoriness. St. John WM, et al. **Exp Neurol** 1985 Apr;88(1):229–33

Maintenance of respiratory modulation by pneumotaxic mechanisms in deep anesthesia. St. John WM. **Exp Neurol** 1985 Feb;87(2):382–6

Monosynaptic excitation of dorsal medullary respiratory neurons by slowly adapting pulmonary stretch receptors. Averill DB, et al. **J Neurophysiol** 1984 Oct;52(4):771–85

Control of abdominal muscles by brain stem respiratory neurons in the cat. Miller AD, et al. **J Neurophysiol** 1985 Jul;54(1):155–67

Interactions between rostral pontine and ventral medullary respiratory neurons. Segers LS, et al. **J Neurophysiol** 1985 Aug;54(2):318–34

Activity of bulbar respiratory neurones during cough and other respiratory tract reflexes in cats. Jakuš J, et al. **Physiol Bohemoslov** 1985;34(2):127–36

Systemic arterial pH servocontrolled ventilator simulation of the respiratory control system. Coon RL, et al. **Respir Physiol** 1984 Dec;58(3):345–50

Verification of a model for the mechanisms controlling expiratory duration in rabbits under various conditions. D'Angelo E. **Respir Physiol** 1985 Feb;59(2):239–64

Differentiation of two respiratory areas in the cat medulla using kainic acid. Morin-Surun MP, et al. **Respir Physiol** 1984 Dec;58(3):323–34

[Central control of respiration] Fleury B, et al. **Agressologie** 1985 Apr;26(4):343–5 (Eng. Abstr.) **(Fre)**

[Electrophysiological characteristics of the bulbar respiratory neurons] Zhigallo TL, et al. **Fiziol Zh** 1984 Nov–Dec; 30(6):660–7 (Eng. Abstr.) **(Rus)**

[Mechanisms of adaptation of respiratory center activity] Sergievskii MV. **Fiziol Zh SSSR** 1983 Jul;69(7):937–41 (22 ref.) **(Rus)**

[Modulation of reflex discharges in the respiratory nerves of the cat upon stimulation of superior laryngeal afferents] D'iachenko IuE, et al. **Neirofiziologiia** 1984;16(4):553–7 (Eng. Abstr.) **(Rus)**

[The respiratory center in normal subjects at 2,240 meters above sea level. The ventilatory and occlusion pressure (P 0.1) responses upon CO2 stimulation] Sandoval Zarate J, et al. **Arch Inst Cardiol Mex** 1984 Jul–Aug;54(4):345–54 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Dramatic changes in blood gases that are unrelated to arterial pH or cerebral oxygen delivery during endotoxin shock in conscious rats. Law WR, et al. **Circ Shock** 1985; 15(1):49–59

The effect of hypothermia on central neural control of respiration. Kiley JP, et al. **Respir Physiol** 1984 Dec; 58(3):295–312

[Anomalies of the respiratory control system in surgery of acoustic neurinomas] Clergue F, et al. **Agressologie** 1985 May;26(5):433–5 (Eng. Abstr.) **(Fre)**

[Respiratory regulation in healthy children and in children with cystic fibrosis in an exercise test] Kraemer R. **Prax Klin Pneumol** 1984 Jul;38(7):272–5 (Eng. Abstr.) **(Ger)**

[Restoration of respiratory rhythmogenesis by local electrostimulation of the brain in apnea induced by anesthetic agents] Voinov VA, et al. **Patol Fiziol Eksp Ter** 1985 Mar–Apr;(2):71–4 **(Rus)**

[Respiratory center activity in patients with bronchial asthma] Mitić M, et al. **Srp Arh Celok Lek** 1984 Oct; 112(10):1055–63 (Eng. Abstr.) **(Sce)**

RESPIRATORY DEAD SPACE

Ventilatory responses of children to changes in deadspace volume. Studies using the T-piece (Mapleson F) system. Charlton AJ, et al. **Br J Anaesth** 1985 Jun;57(6):562–8

Deadspace, invasive and non-invasive [editorial] Fletcher R. **Br J Anaesth** 1985 Mar;57(3):245–9

Effect of right-to-left shunting on alveolar dead space. Mecikalski MB, et al. **Bull Eur Physiopathol Respir** 1984 Nov–Dec;20(6):513–9

Reliable estimation of series dead space in ventilated patients. Brunner J, et al. **Clin Physiol** 1985;5 Suppl 3:65–8

Deadspace during high frequency jet ventilation: the effects of frequency, inspiratory time and entrainment. Malmkvist G, et al. **Clin Physiol** 1985;5 Suppl 3:143–6

On-line deadspace measurement during cardiac surgery. Malmkvist G, et al. **Clin Physiol** 1985;5 Suppl 3:147–8

Distribution of dead space volume in the human lung. Tatsis G, et al. **Clin Sci** 1984 Nov;67(5):493–7

Dead space in HFV [letter] Fletcher R. **Eur J Anaesthesiol** 1985 Mar;2(1):95–100

Functional dead space during high frequency ventilation. Whitwam JG. **Eur J Anaesthesiol** 1984 Mar;1(1):7–9

Error due to dead-space admixture in single-breath method for estimation of pulmonary blood flow. Grønlund J, et al. **J Appl Physiol** 1985 Mar;58(3):1034–9

Physiological dead space during high-frequency ventilation in dogs. Weinmann GG, et al. **J Appl Physiol** 1984 Sep; 57(3):881–7

Series dead space for inert gases in healthy subjects. Guenard H, et al. **Pflugers Arch** 1985 Apr;403(4):384–7

[Evaluation of alveolar dead space in pulmonary embolism by using functional images] Narabayashi I, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jun 25; 44(6):823–30 (Eng. Abstr.) **(Jpn)**

RESPIRATORY DISTRESS SYNDROME

see related

HYALINE MEMBRANE DISEASE

Respiratory distress syndrome of the newborn. Vidyasagar D. **Compr Ther** 1985 May;11(5):44–51

BLOOD

Role of hyperuricaemia in critically ill patients especially newborns. Boda D. **Acta Paediatr Hung** 1984;25(1–2):23–32

Plasma hypoxanthine and xanthine levels in the early newborn period in problem-free preterm babies and those with idiopathic respiratory distress syndrome. Karmazsin L, et al. **Acta Paediatr Hung** 1985;26(1):1–9

Estimation of PaCO2 by two noninvasive methods in the critically ill newborn infant. Epstein MF, et al. **J Pediatr** 1985 Feb;106(2):282–6

Prenatal thyroid function abnormalities in infants with idiopathic respiratory distress syndrome. Abbassi V, et al. **Pediatr Res** 1984 Oct;18(10):926–8

[Remarks on antithrombin III levels in the respiratory distress syndrome] Weissbach G. **Folia Haematol (Leipz)** 1984; 111(4):439–40 **(Ger)**

[Initial experiences with transcutaneous pCO2 measurement in newborn infants with cardiopulmonary adaptation disorders] Kurt E, et al. **Kinderarztl Prax** 1985 Jan; 53(1):15–9 (Eng. Abstr.) **(Ger)**

[Concentration of serum alpha 1-antitrypsin in newborn infants with pulmonary disorders] Haxhiu R, et al. **Plucne Bolesti** 1984 Jan–Jun;36(1–2):22–7 (Eng. Abstr.) **(Scr)**

COMPLICATIONS

The long-term pulmonary sequelae of prematurity: the role of familial airway hyperreactivity and the respiratory distress syndrome. Bertrand JM, et al. **N Engl J Med** 1985 Mar 21;312(12):742–5

Muscle relaxation and periventricular hemorrhage [letter] Reynolds EO, et al. **N Engl J Med** 1985 Oct 10; 313(15):955–6

[Selective bronchial intubation in neonatal RDS. Case report] Gallini C, et al. **Minerva Anestesiol** 1984 Dec;50(12):651–4 (Eng. Abstr.) **(Ita)**

[Status asthmaticus, adult respiratory distress syndrome and pulmonary vascular thrombosis] Labay Matías MV, et al. **An Esp Pediatr** 1985 Feb;22(2):169–70 **(Spa)**

DIAGNOSIS

The silent ductus arteriosus in idiopathic respiratory distress syndrome. Archer LN, et al. **Acta Paediatr Scand** 1984 Sep; 73(5):652–6

Gastric aspirate L/S ratio and umbilical cord blood total protein as predictors in RDS. Ekblad H, et al **Gynecol Obstet Invest** 1984;18(6):317–21

Systemic to pulmonary collaterals mimicking patent ductus arteriosus in neonates with prolonged ventilatory courses. Ascher DP, et al. **J Pediatr** 1985 Aug;107(2):282–4

Sensitivity and specificity [letter] Creasy GN. **Obstet Gynecol** 1985 Feb;65(2):297

Comparison of chest radiography and static respiratory compliance in the assessment of the severity of pulmonary diseases in newborns with respiratory distress. Lischka A, et al. **Pediatr Radiol** 1984;14(6):369–72

[Prenatal diagnosis of the idiopathic respiratory distress syndrome by using thin liquid films (foam films) at the solution/air phase interface] Eksperova D, et al. **Akush Ginekol (Sofiia)** 1984;23(6):457–62 (Eng. Abstr.) **(Bul)**

[Prenatal evaluation of fetal lung maturity by measuring the optical density of amniotic fluid] Mather O, et al. **Ugeskr Laeger** 1984 Nov 19;146(47):3635–7 (Eng. Abstr.) **(Dan)**

[Equipment for microcomputer-controlled measurement in the evaluation of respiratory mechanical parameters in premature and newborn infants] Mädler HJ, et al. **Kinderarztl Prax** 1985 Mar;53(3):113–7 (Eng. Abstr.) **(Ger)**

[Non-invasive monitoring of the cardiopulmonary status of newborn infants immediately following birth] Schachinger H. **Klin Padiatr** 1985 Mar–Apr;197(2):161–3 (Eng. Abstr.) **(Ger)**

[Lobar emphysema] Knoop U, et al. **Monatsschr Kinderheilkd** 1984 Oct;132(10):780–5 (Eng. Abstr.) **(Ger)**

[Peculiarities of respiratory mechanical studies in spontaneously breathing newborn infants. 2: Evaluation technics, parameter distribution and diagnostic validity] Schmalisch G, et al. **Z Erkr Atmungsorgane** 1984; 163(2):121–39 (Eng. Abstr.) **(Ger)**

[Prenatal assessment of fetal lung maturity by the stable microbubble method—fundamental and clinical study] Gotoh K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Feb;37(2):220–8 (Eng. Abstr.) **(Jpn)**

[The value of examining the ratio of lecithin to sphingomyelin, creatinine and alpha-amylase in the prenatal diagnosis of the idiopathic respiratory insufficiency syndrome of newborn infants] Simko J. **Bratisl Lek Listy** 1984 Jul;82(1):794–805 (Eng. Abstr.) **(Slo)**

DRUG THERAPY

Renal response to frusemide in preterm infants with respiratory distress syndrome during the first three postnatal days. Yeh TF, et al. **Arch Dis Child** 1985 Jul; 60(7):621–6

Effect of allopurinol treatment in premature infants with idiopathic respiratory distress syndrome. Boda D, et al. **Dev Pharmacol Ther** 1984;7(6):357–67

Surfactant replacement in neonatal and adult respiratory distress syndrome. Robertson B. **Eur J Anaesthesiol** 1984 Dec;1(4):335–43

Early furosemide therapy of RDS [letter] Bolam DL, et al. **J Pediatr** 1985 Feb;106(2):349–50

Early furosemide therapy in premature infants (less than or equal to 2000 gm) with respiratory distress syndrome: a randomized controlled trial. Yeh TF, et al. **J Pediatr** 1984 Oct;105(4):603–9

Surfactant treatment for respiratory distress syndrome: a review. Morley CJ. **J R Soc Med** 1984 Sep;77(9):788–92 (40 ref.)

Single versus repetitive doses of natural surfactant as treatment of respiratory distress syndrome in premature lambs. Walther FJ, et al. **Pediatr Res** 1985 Feb;19(2):224–7

Renal failure and other serious sequelae of epinephrine toxicity in neonates. Levine DH, et al. **South Med J** 1985 Jul;78(7):874–7

[Early closure of ductus arteriosus with indomethacin] Kääpä P. **Klin Padiatr** 1985 Mar–Apr;197(2):172 (Eng. Abstr.) **(Ger)**

[Evaluation of the hemodynamic effect of dopamine in newborn infants with the respiratory disorder syndrome] Grebennikov VA, et al. **Vestn Akad Med Nauk SSSR** 1984; (9):77–80 (Eng. Abstr.) **(Rus)**

ETIOLOGY

An investigation of the relationship between cesarean section birth and respiratory distress syndrome of the newborn. White E, et al. **Am J Epidemiol** 1985 May;121(5):651–63

Pathologic diagnosis: pleomorphic adenoma. Welsh R, et al. **Arch Otolaryngol** 1985 Aug;111(8):558–60

Pulmonary alveolar proteinosis in the newborn. Knight DP, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):529–31

An analysis of diabetic pregnancies at Mayo Clinic, 1950–79. Lufkin EG, et al. **Diabetes Care** 1984 Nov–Dec;7(6):539–47

Prostatic abscess with adult respiratory distress syndrome. Arvold DS. **Minn Med** 1985 Apr;68(4):259–61

The effect of maternal measles on the fetus. Gazala E, et al. **Pediatr Infect Dis** 1985 Mar–Apr;4(2):203–4

Fetal lung development in the diabetic pregnancy. Bourbon JR, et al. **Pediatr Res** 1985 Mar;19(3):253–67 (285 ref.)

Congenital tracheal occlusion in neonates—a minireview. Sankaran K, et al. **West J Med** 1985 Mar;142(3):348–51

[Mediastinal teratoma responsible for neonatal respiratory distress] Labbé A, et al. **Ann Chir** 1984 Oct;38(7):557–9 (Eng. Abstr.) **(Fre)**

[Shwachman's syndrome with neonatal thoracic manifestations] Labrune M, et al. **Arch Fr Pediatr** 1984 Oct; 41(8):561–3 (Eng. Abstr.) **(Fre)**

[Clinical relevance of the so-called arteria lusoria in childhood] Kienast W, et al. **Z Kardiol** 1984 May; 73(5):354–60 (Eng. Abstr.) **(Ger)**

[Diagnosis of posterior pneumomediastinum in newborn infants] Esterl D, et al. **Zentralbl Gynakol** 1985; 107(5):317–21 (Eng. Abstr.) **(Ger)**

[Role of prenatal risk factors in the development of respiratory distress syndrome in newborn infants] Belousova NA. **Akush Ginekol (Mosk)** 1984 Oct;(10):52–5 (Eng. Abstr.) **(Rus)**

METABOLISM

Phospholipids in tracheal effluent from infants with severe respiratory distress syndrome. Bose CL, et al. **Am J Perinatol** 1984 Apr;1(3):208–13

Role of myoinositol in regulation of surfactant phospholipids in the newborn. Hallman M, et al. **Early Hum Dev** 1985 Jan;10(3–4):245–54

Relationship of vitamin A (retinol) status to lung disease in the preterm infant. Hustead VA, et al. **J Pediatr** 1984 Oct; 105(4):610–5

Elevated ratios of type I/III collagen in the lungs of chronically ventilated neonates with respiratory distress. Shoemaker CT, et al. **Pediatr Res** 1984 Nov;18(11):1176–80

MORTALITY

Factors affecting the sex differential in neonatal mortality: the role of respiratory distress syndrome. Khoury MJ, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):777–82

Morbidity and survival in neonates ventilated for the respiratory distress syndrome. Greenough A, et al. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):597–600

OCCURRENCE

Neonatal respiratory distress syndrome: an autopsy study of 190 cases. Sane SY, et al. **Indian J Pediatr** 1985 Jan–Feb; 52(414):43–6

No relation between perinatal respiratory distress and adolescent suicide [letter] Hope P. **Lancet** 1985 Apr 6; 1(8432):819

Respiratory morbidity benefit of awaiting onset of labor after elective cesarean section. Cohen M, et al. **Obstet Gynecol** 1985 Jun;65(6):818–24

[Neonatal respiratory distress] Marrakchi Z, et al. **Tunis Med** 1984 Jan–Feb;62(1):25–30 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Neonatal lung neutrophils and elastase/proteinase inhibitor imbalance. Ogden BE, et al. **Am Rev Respir Dis** 1984 Nov; 130(5):817–21

Respiratory distress in the second week of life [clinical conference] Wensley DF, et al. **J Pediatr** 1985 Feb; 106(2):326–31

[Changes in the intensity of ultrasound echography in the fetal lung in the last trimester as a possible indication of lung maturity] Fendel H, et al. **Z Geburtshilfe Perinatol** 1984 Nov–Dec;188(6):269–71 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Evaluation of a transcutaneous oxygen and carbon dioxide monitor in a neonatal intensive care department. Wimberley PD, et al. **Acta Paediatr Scand** 1985 May;74(3):352–9

Renal adaptation to extrauterine life in patients with respiratory distress syndrome. Costarino AT, et al. **Am J Dis Child** 1985 Oct;139(10):1060–3

Postnatal diuresis and respiratory distress syndrome in infants receiving mechanical ventilation. Shaffer SG, et al. **Am J Perinatol** 1984 Apr;1(3):203–7

Sleep apnoea profile in preterm infants recovering from respiratory distress syndrome. Bentele KH, et al. **Arch Dis Child** 1985 Jun;60(6):547–54

Inspiratory time and tidal volume during intermittent positive pressure ventilation. Field D, et al. **Arch Dis Child** 1985 Mar;60(3):259–61

Changes in pulmonary blood flow during wedge pressure measurement in a neonate [letter] Damen J. **Crit Care Med** 1985 Aug;13(8):693–4

Single-breath measurement of lung mechanics in very low birth weight infants. Thomson A, et al. **Crit Care Med** 1985 Jan;13(1):4–8

Biochemical factors in pulmonary inflammatory disease. Schraufstatter I, et al. **Fed Proc** 1984 Oct;43(13):2807–10

A protein from airways of premature lambs that inhibits surfactant function. Ikegami M, et al. **J Appl Physiol** 1984 Oct;57(4):1134–42

Alveolar-arterial oxygen gradients versus the Neonatal Pulmonary Insufficiency Index for prediction of mortality in ECMO candidates. Krummel TM, et al. **J Pediatr Surg** 1984 Aug;19(4):380–4

Reduction in intraventricular hemorrhage by elimination of fluctuating cerebral blood-flow velocity in preterm infants with respiratory distress syndrome. Perlman JM, et al. **N Engl J Med** 1985 May 23;312(21):1353–7

Cardiovascular and catecholamine changes after administration of pancuronium in distressed neonates. Cabal LA, et al. **Pediatrics** 1985 Feb;75(2):284–7

The role of the patent ductus arteriosus in respiratory distress syndrome. Clyman R. **Semin Perinatol** 1984 Oct;8(4):293–9 (56 ref.)

[Esophageal pressure measurements in newborn infants within the scope of respiratory mechanical studies] Lamme W, et al. **Padiatr Grenzgeb** 1985;24(4):265–76 (Eng. Abstr.) **(Ger)**

[Respiratory pattern of the premature infant] Popow C, et al. **Prax Klin Pneumol** 1984 Jul;38(7):276–8 (Eng. Abstr.) **(Ger)**

PREVENTION & CONTROL

Polymorphonuclear leucocytes functions from premature infants after prevention of respiratory distress syndrome with betamethasone and ambroxol. Lazzarin A, et al. **Biol Res Pregnancy Perinatol** 1984;5(3):130–4

Cord blood prolactin and thyroid hormone levels after antenatal administration of betamethasone or ambroxol for prevention of respiratory distress syndrome (RDS). Luerti M, et al. **Biol Res Pregnancy Perinatol** 1984;5(3):124–9

RDS prophylaxis in preterm labor: corticosteroids and beta-mimetics association–indications and limits. Mansani FE, et al. **Biol Res Pregnancy Perinatol** 1984;5(4):153–6

Lung maturation. Whittle MJ. **Clin Obstet Gynaecol** 1984 Aug;11(2):353–72

Who goes and who stays: subject loss in a multicenter, longitudinal follow-up study. Aylward GP, et al. **J Dev Behav Pediatr** 1985 Feb;6(1):3–8

Use of beta-methasone in management of preterm gestation with premature rupture of membranes. Simpson GF, et al. **Obstet Gynecol** 1985 Aug;66(2):168–75

Prevention of neonatal respiratory distress syndrome by tracheal instillation of surfactant: a randomized clinical trial. Enhorning G, et al. **Pediatrics** 1985 Aug;76(2):145–53

[Carnitine for the stimulation of fetal lung maturation. Clinical case report] Salzer H, et al. **Gynakol Rundsch** 1985; 25(2):72–85 **(Ger)**

[Hormones in the amniotic fluid and their relation with respiratory insufficiency syndrome] Fonseca ME, et al. **Ginecol Obstet Mex** 1985 Feb;53(334):25–8 (Eng. Abstr.) **(Spa)**

PSYCHOLOGY

The relation between neonatal heart period patterns and developmental outcome. Fox NA, et al. **Child Dev** 1985 Feb;56(1):28–37

Early language abilities of high-risk infants. Hubatch LM, et al. **J Speech Hear Disord** 1985 May;50(2):195–207

RADIOGRAPHY

Progressive chest radiographic changes in wet lung disease. Glasier CM, et al. **Am J Perinatol** 1985 Jul;2(3):198–203

Neonatal neuroblastoma presenting with respiratory distress. Illescas FF, et al. **J Can Assoc Radiol** 1984 Sep;35(3):310–2

Infra-azygous pneumomediastinum versus pulmonary ligament air collection: CT evaluation. Morrison SC, et al. **Pediatr Radiol** 1985;15(2):129–30

[The lung of the severely premature infant: radiologic aspects] Lovisatti L, et al. **Radiol Med (Torino)** 1984 Sep; 70(9):603–6 (Eng. Abstr.) **(Ita)**

[Value of roentgenodiagnosis of respiratory distress syndrome in infants during the first few days of life] Pokotilo VA, et al. **Pediatriia** 1984 Sep;(9):45–6 **(Rus)**

THERAPY

Volume limited ventilation for treatment of severe respiratory distress in neonates. Franckx J, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:379–86

Normal plasma-urine osmolality relationship in preterm infants on positive pressure mechanical ventilation. Sujov P, et al. **Acta Paediatr Scand** 1985 Jul;74(4):601–3

High-frequency ventilation. Ackerman NB Jr, et al. **Adv Pediatr** 1984;31:259–93

Cranial sonography of the infant treated with extracorporeal membrane oxygenation. Bowerman RA, et al. **AJR** 1985 Jul;145(1):161–6

Pneumothorax due to endotracheal tube suction. Alpan G, et al. **Am J Perinatol** 1984 Jul;1(4):345–8

Control of life-threatening air leak after gastrostomy in an infant with respiratory distress syndrome and tracheoesophageal fistula. Karl HW. **Anesthesiology** 1985 May;62(5):670–2

High and conventional rates of positive pressure ventilation. Field D, et al. **Arch Dis Child** 1984 Dec;59(12):1151–4

High and conventional ventilation rates in the newborn [letter] Tarnow-Mordi W, et al. **Arch Dis Child** 1985 Apr; 60(4):395–6

A new perfusion circuit for the newborn with lung immaturity: extracorporeal CO2 removal via an umbilical arteriovenous shunt during apneic O2 diffusion. Schmidt S, et al. **Artif Organs** 1984 Nov;8(4):478–80

Morbidity and survival in neonates ventilated for the respiratory distress syndrome [letter] **Br Med J [Clin Res]** 1985 Mar 30;290(6473):1005–6

Aminophylline versus doxapram in weaning premature infants from mechanical ventilation: preliminary report. Eyal FG, et al. **Crit Care Med** 1985 Feb;13(2):124–5

Management of neonatal respiratory distress in Level I and II hospitals. Rabalais PD. **J La State Med Soc** 1984 Dec; 136(12):31–8

Influence of intravenous fat therapy on tracheal effluent phospholipids and oxygenation in severe respiratory distress syndrome. Adamkin DH, et al. **J Pediatr** 1985 Jan; 106(1):122–4

Exogenous human surfactant for treatment of severe respiratory distress syndrome: a randomized prospective clinical trial. Hallman M, et al. **J Pediatr** 1985 Jun; 106(6):963–9

Transfusion-associated acquired immunodeficiency syndrome in a twin infant. Cox F, et al. **Pediatr Infect Dis** 1985 Jan–Feb;4(1):106–8

[Treatment results in 951 newborn infants with IRDS (idiopathic respiratory distress syndrome), especially in relation to artificial respiration from 1967 through 1981] de Kleine MJ, et al. **Tijdschr Kindergeneeskd** 1984 Jun; 52(3):71–81 (Eng. Abstr.) **(Dut)**

[Nasal cannula, a simple, not very cumbersome, and efficacious means to induce a positive expiratory pressure in neonatology] Mettey R, et al. **Med Trop (Mars)** 1985 Jan–Mar;45(1):87–90 (Eng. Abstr.) **(Fre)**

[Computer-assisted data analysis in a pediatric intensive care unit] Frank HD, et al. **Klin Padiatr** 1985 Mar–Apr; 197(2):173–5 (Eng. Abstr.) **(Ger)**

[Central venous air embolism in an artificially respirated premature infant with respiratory distress syndrome] Gortner L, et al. **Klin Padiatr** 1984 Nov–Dec;196(6):385–7 (Eng. Abstr.) **(Ger)**

[Central venous catheterization--experiences in neonatal intensive medicine based on scanning electron microscopy study of Silastic catheters] Kerstan J, et al. **Klin Padiatr** 1985 Mar–Apr;197(2):111–5 (Eng. Abstr.) **(Ger)**

[Air embolism as a rare occurrence of the air leakage complex in premature infants on artificial respiration] Freudenberg V, et al. **Monatsschr Kinderheilkd** 1984 Dec;132(12):913–4 (Eng. Abstr.) **(Ger)**

[2-frequency artificial respiration--a new therapeutic concept] Heller K, et al. **Monatsschr Kinderheilkd** 1985 May;133(5):309–10 (Eng. Abstr.) **(Ger)**

[Clinical management of bronchopulmonary dysplasia] Schachinger H, et al. **Monatsschr Kinderheilkd** 1984 Sep; 132(9):685–8 (Eng. Abstr.) **(Ger)**

[Systemic air embolism secondary to respiratory therapy in the newborn] Toischer HP, et al. **ROFO** 1984 Oct; 141(4):414–7 (Eng. Abstr.) **(Ger)**

[Extracorporeal lung assist (ECLA) by intermittent veno-venous bypass for newborn respiratory failure] Saito Y, et al. **Masui** 1985 Apr;34(4):483–8 (Eng. Abstr.) **(Jpn)**

[Beneficial effect of surfactant treatment of IRDS] Berggren P, et al. **Lakartidningen** 1984 Nov 7;81(45):4180–2 (Eng. Abstr.) **(Swe)**

VETERINARY

Developments in management of the newborn foal in respiratory distress 1: Evaluation. Kosch PC, et al. **Equine Vet J** 1984 Jul;16(4):312–8 (28 ref.)

Developments in management of the newborn foal in respiratory distress 2: Treatment. Webb AI, et al. **Equine Vet J** 1984 Jul;16(4):319–23 (31 ref.)

3-Methylindole-induced pulmonary injury in lambs. A comparison with acute respiratory distress syndrome (ARDS). Ulvund MJ. **Nord Vet Med** 1984 Jul-Aug; 36(7–8):253–8

RESPIRATORY DISTRESS SYNDROME, ADULT

The adult respiratory distress syndrome. Boucher BA, et al. **Drug Intell Clin Pharm** 1984 Nov;18(11):862–8 (66 ref.)

Adult respiratory distress syndrome: experience at Ramathibodi Hospital, Bangkok. A retrospective analysis of 50 cases. Vathesatogkit P, et al. **J Med Assoc Thai** 1985 Mar;68(3):132–8

[Acute respiratory distress syndrome in adults] Pirożyński M, et al. **Pol Tyg Lek** 1984 Jul 30;39(31):1047–51 (55 ref.) (Eng. Abstr.) **(Pol)**

BLOOD

Complement, granulocytes, and shock lung. Craddock PR. **Am J Emerg Med** 1984 Jan;2(1):78–81

Improved oxygenation after muscle relaxation in adult respiratory distress syndrome. Coggeshall JW, et al. **Arch Intern Med** 1985 Sep;145(9):1718–20

Compared evolution of plasma fibronectin and angiotensin-converting enzyme levels in septic ARDS. Fourrier F, et al. **Chest** 1985 Feb;87(2):191–5

Oxygen delivery in critically ill patients. Relationship to blood lactate and survival. Rashkin MC, et al. **Chest** 1985 May;87(5):580–4

Quantitative analysis of polymorphonuclear leukocyte superoxide anion generation in critically ill children. Zimmerman JJ, et al. **Crit Care Med** 1985 Mar;13(3):143–50

Measurement of plasma fibronectin in patients who develop the adult respiratory distress syndrome. Maunder RJ, et al. **J Lab Clin Med** 1984 Oct;104(4):583–90

CHEMICALLY INDUCED

Sequential cardiopulmonary changes after oleic-acid injury in dogs. Hofman WF, et al. **Crit Care Med** 1985 Jan; 13(1):22–7

Adult respiratory distress syndrome in a pediatric patient. Nugent SK. **Indiana Med** 1985 Feb;78(2):104–7

Adult respiratory distress syndrome associated with antacid aspiration: a case report. Saenghirunvatana S, et al. **J Med Assoc Thai** 1985 Mar;68(3):160–3

Adult respiratory distress syndrome associated with flurazepam overdose. Stringer MD. **J R Soc Med** 1985 Jan; 78(1):74–5

Adult respiratory distress syndrome induced by salicylate toxicity. Niehoff JM, et al. **Postgrad Med** 1985 Jul; 78(1):117–9, 123

Adult respiratory distress syndrome and convulsions associated with administration of cyclosporine in liver transplant recipients. Powell-Jackson PR, et al. **Transplantation** 1984 Oct;38(4):341–3

[Comprehensive experimental observations on the dog after injection of oleic acid] Gu GX. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1985 Feb;8(1):1–6, 60 (Eng. Abstr.) **(Chi)**

[Acute respiratory distress syndrome: an unusual complication of intraocular silicone] Chauvaud D, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):569–72 **(Fre)**

COMPLICATIONS

Evidence for pancreas injury in adult respiratory distress syndrome. Nicod L, et al. **Am Rev Respir Dis** 1985 May 131(5):696–9

Idiopathic pulmonary fibrosis in adult respiratory distress syndrome. Diagnosis and treatment. Ashbaugh DG, et al. **Arch Surg** 1985 May;120(5):530–5

Dazoxiben in human sepsis and adult respiratory distress syndrome. Reines HD, et al. **Clin Pharmacol Ther** 1985 Apr;37(4):391–5

Adult respiratory distress syndrome in a pregnant patient with a pheochromocytoma. Feldman JM. **J Surg Oncol** 1985 May;29(1):5–7

Incidence of adult respiratory distress syndrome in patients with multiple musculoskeletal injuries: effect of early operative stabilization of fractures. Johnson KD, et al. **J Trauma** 1985 May;25(5):375–84

[Pulmonary hypertension in severe adult respiratory distress syndrome] Kobayashi K. **Kokyu To Junkan** 1984 Sep

32(9):907-12 (13 ref.) **(Jpn)**

DIAGNOSIS

T-lymphocyte analysis in the early diagnosis of adult respiratory distress syndrome. Dalton M, et al. **J Thorac Cardiovasc Surg** 1984 Oct;88(4):519-21
[ARDS--acute respiratory distress syndrome of the adult] Herzog H, et al. **Prax Klin Pneumol** 1984 Aug;38(8):339-47 **(Ger)**

DRUG THERAPY

Effect of vasodilator treatment on the resolution of oleic acid injury in dogs. Bishop MJ, et al. **Am Rev Respir Dis** 1985 Mar;131(3):421-5
Administration of dazoxiben, a selective thromboxane synthetase inhibitor, in the adult respiratory distress syndrome. Leeman M, et al. **Chest** 1985 Jun;87(6):726-30
Surfactant replacement in neonatal and adult respiratory distress syndrome. Robertson B. **Eur J Anaesthesiol** 1984 Dec;1(4):335-43
The acute effects of prostaglandin E1 on the pulmonary circulation and oxygen delivery in patients with the adult respiratory distress syndrome. Tokioka H, et al. **Intensive Care Med** 1985;11(2):61-4
Weaning patients from mechanical ventilation by benzodiazepine antagonist Ro15-1788 [letter] Kleinberger G, et al. **Lancet** 1985 Aug 3;2(8449):268-9
The effect of BW775C on respiratory distress in the rat induced by arachidonic acid. Parellada PP, et al. **Prostaglandins** 1985 Jan;29(1):91-8
[Possible mechanism of the therapeutic effect of phentolamine in the adult respiratory distress syndrome--a preliminary study on oleic acid lung preparations] Liu XW. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Jun;7(3):143-5, 190 (Eng. Abstr.) **(Chi)**
[Clinical and experimental studies of septic shock lung--on the usefulness of corticosteroid] Kawai S. **Kansenshogaku Zasshi** 1984 Nov;58(11):1144-60 (Eng. Abstr.) **(Jpn)**

ENZYMOLOGY

Collagenase in the lower respiratory tract of patients with adult respiratory distress syndrome. Christner P, et al. **Am Rev Respir Dis** 1985 May;131(5):690-5
Prekallikrein activation in the adult respiratory distress syndrome. Schapira M, et al. **Bull Eur Physiopathol Respir** 1985 May-Jun;21(3):237-41
Elevated plasma phospholipase A2 levels: correlation with the hemodynamic and pulmonary changes in gram-negative septic shock. Vadas P. **J Lab Clin Med** 1984 Dec;104(6):873-81
[Angiotensin converting enzyme in the adult respiratory distress syndrome] Steppling H, et al. **Schweiz Med Wochenschr** 1985 Feb 9;115(6):202-5 (Eng. Abstr.) **(Ger)**

ETIOLOGY

The role of polymorphonuclear leucocytes in the pulmonary dysfunction induced by complement activation. Borg T, et al. **Acta Anaesthesiol Scand** 1985 Feb;29(2):231-40
A new experimental model for studies on the respiratory distress syndrome after standardized trauma. Lennquist S, et al. **Acta Chir Scand [Suppl]** 1985;522:291-313
Experimental and clinical studies on adult respiratory distress syndrome. Modig J. **Acta Chir Scand [Suppl]** 1985; 522:315-29 (44 ref.)
Trauma and the lung. Saldeen T. **Acta Chir Scand [Suppl]** 1985;522:273-89 (34 ref.)
Isolated deafness following recovery from neurologic injury and adult respiratory distress syndrome. A sequela of intercurrent aminoglycoside and diuretic use. Lynn AM, et al. **Am J Dis Child** 1985 May;139(5):464-6
Cryoprecipitate therapy in amniotic fluid embolization [letter] Masson RG. **Am J Med** 1985 Jul;79(1):A45, A48
Intravenous nitroglycerin, methemoglobinemia, and respiratory distress in a postoperative cardiac surgical patient. Zurick AM, et al. **Anesthesiology** 1984 Oct; 61(4):464-6
Adult respiratory distress syndrome secondary to ethylene glycol ingestion. Catchings TT, et al. **Ann Emerg Med** 1985 Jun;14(6):594-6
Current concepts regarding adult respiratory distress syndrome. Ward PA, et al. **Ann Emerg Med** 1985 Aug; 14(8):724-8 (58 ref.)
Adult respiratory distress syndrome secondary to tularemia pneumonia. Sunderrajan EV, et al. **Arch Intern Med** 1985 Aug;145(8):1435-7
Adult respiratory distress syndrome in babesiosis. Gordon S, et al. **Chest** 1984 Oct;86(4):633-4
Role of humoral mediators in adult respiratory distress syndrome. Hechtman HB, et al. **Chest** 1984 Oct;86(4):623-7 (33 ref.)
Adult respiratory distress syndrome associated with miliary tuberculosis. Dyer RA, et al. **Crit Care Med** 1985 Jan; 13(1):12-5
Lowering pulmonary artery pressure in a patient with severe acute respiratory failure. Hasselstrøm LJ, et al. **Intensive Care Med** 1985;11(1):48-50
Adult respiratory distress syndrome in diabetic ketoacidosis [letter] Kumar B, et al. **Intensive Care Med** 1984;10(5):269
Neutrophils and adult respiratory distress syndrome [editorial] **Lancet** 1984 Oct 6;2(8406):790-1
Adult respiratory distress syndrome after allogeneic bone-marrow transplantation: evidence for a neutrophil-independent mechanism. Braude S, et al. **Lancet** 1985 Jun 1;1(8440):1239-42
Survival in adult respiratory distress syndrome caused by blastomycosis infection. Skillrud DM, et al. **Mayo Clin Proc** 1985 Apr;60(4):266-9
Amiodarone pulmonary toxicity: report of two cases associated with rapidly progressive fatal adult respiratory distress syndrome after pulmonary angiography. Wood DL, et al. **Mayo Clin Proc** 1985 Sep;60(9):601-3
Shock lungs: the post-traumatic respiratory distress syndrome. Wardle EN. **Q J Med** 1984 Summer; 53(211):317-29 (126 ref.)
Forty year old man in coma with respiratory distress after falling into a hog pit. Erickson PJ, et al. **SD J Med** 1984 Nov;37(11):5-9
[Pulmonary complications of malaria. Apropos of 2 cases] Lessire H, et al. **Acta Clin Belg** 1984;39(5):290-5 (Eng. Abstr.) **(Fre)**
[Respiratory distress syndrome in necrotizing fasciitis of the hand] Rimailho A, et al. **Ann Fr Anesth Reanim** 1984; 3(6):446-8 (Eng. Abstr.) **(Fre)**
[Acute adult respiratory distress syndrome after lymphography] Saada M, et al. **Ann Fr Anesth Reanim** 1985; 4(1):79-81 (Eng. Abstr.) **(Fre)**
[Adult respiratory distress syndrome after anaphylactic shock (the role of diazepam and succinylcholine)] Daumal M, et al. **Cah Anesthesiol** 1984 May-Jun;32(4):313-5 **(Fre)**
[Acute respiratory distress syndrome disclosing icterohemorrhagic leptospirosis. 2 cases (letter)] Duval G, et al. **Presse Med** 1985 Jan 26;14(3):167 **(Fre)**
[Clinical study of miliary tuberculosis with adult respiratory distress syndrome] Nagao M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jul;22(7):589-96 (Eng. Abstr.) **(Jpn)**
[Mechanism of the development of pulmonary changes in acute pancreatitis in humans (selected problems)] Wereszczyńska U. **Pol Arch Med Wewn** 1984 Sep; 72(3):97-101 **(Pol)**
[Respiratory distress syndrome in adults. New pathogenetic hypotheses and therapeutic trends] Duława J, et al. **Pol Tyg Lek** 1984 May 14;39(20):697-700 (37 ref.) **(Pol)**
[Shock lung as a complication of closed chest injuries] Chukhrienko DP, et al. **Klin Khir** 1984 Oct;(10):17-9 (Eng. Abstr.) **(Rus)**
[Adult respiratory distress syndrome and fat embolism. Case report] Stanojević M, et al. **Vojnosanit Pregl** 1984 Nov-Dec;41(6):501-3 **(Scr)**
[Progressive respiratory insufficiency in the adult associated with eclampsia. Presentation of a case] Martínez Sánchez E, et al. **Ginecol Obstet Mex** 1983 Mar;51(311):79-82 (Eng. Abstr.) **(Spa)**
[Respiratory distress syndrome of the adult and septicemia caused by Salmonella enteritidis (letter)] Domingo P, et al. **Med Clin (Barc)** 1985 May 11;84(18):759 **(Spa)**

IMMUNOLOGY

Biologically active products of complement and acute lung injury in patients with the sepsis syndrome. Weinberg PF, et al. **Am Rev Respir Dis** 1984 Nov;130(5):791-6
Complement activation in the adult respiratory distress syndrome following cardiopulmonary bypass. Lew PD, et al. **Bull Eur Physiopathol Respir** 1985 May-Jun;21(3):231-5
[Role of complement C5 fraction in the adult respiratory distress syndrome (letter)] Labrousse J, et al. **Presse Med** 1985 May 11;14(19):1098 **(Fre)**

METABOLISM

Regulation of tissue oxygen extraction is disturbed in adult respiratory distress syndrome. Kariman K, et al. **Am Rev Respir Dis** 1985 Jul;132(1):109-14
Pulmonary extraction of serotonin and propranolol in patients with adult respiratory distress syndrome. Morel DR, et al. **Am Rev Respir Dis** 1985 Sep;132(3):479-84
Chemotactic activity in bronchoalveolar lavage fluid from patients with adult respiratory distress syndrome. Parsons PE, et al. **Am Rev Respir Dis** 1985 Sep;132(3):490-3
Biochemical pathways of acute lung injury. Lamy M, et al. **Bull Eur Physiopathol Respir** 1985 May-Jun;21(3):221-9
Thermal dye measurements of extravascular lung water in critically ill patients. Intravascular Starling forces and extravascular lung water in the adult respiratory distress syndrome. Sibbald WJ, et al. **Chest** 1985 May;87(5):585-92
Oxygen-free radicals and lipid peroxidation in adult respiratory distress syndrome. Bertrand Y. **Intensive Care Med** 1985;11(2):56-60 (47 ref.)
Elevated concentrations of leukotriene D4 in pulmonary edema fluid of patients with the adult respiratory distress syndrome. Matthay MA, et al. **J Clin Immunol** 1984 Nov; 4(6):479-83
Glycolipid accumulation in bronchoalveolar space in adult respiratory distress syndrome. Rauvala H, et al. **J Lipid Res** 1984 Nov;25(11):1257-62
[Pulmonary surfactant DPPC and respiratory distress syndrome] Ikeda H, et al. **Nippon Rinsho** 1985 Apr; 43(4):833-41 (29 ref.) **(Jpn)**

MORTALITY

Causes of mortality in patients with the adult respiratory distress syndrome. Montgomery AB, et al. **Am Rev Respir Dis** 1985 Sep;132(3):485-9

PATHOLOGY

Granulocyte aggregation in adult respiratory distress syndrome (ARDS)--serial histologic and physiologic observations. Elliott CG, et al. **Am J Med Sci** 1985 Feb; 289(2):70-4
Blastomycosis and the adult respiratory distress syndrome. Thiele JS, et al. **J La State Med Soc** 1984 Nov; 136(11):38-40
Pulmonary trapping of platelets and fibrin after musculoskeletal trauma: an experimental model. Jansson I, et al. **J Trauma** 1985 Apr;25(4):288-98
Alveolar macrophages after chronic tobacco smoke inhalation and after artificial respiratory therapy for acute pulmonary failure. Müller KM, et al. **Klin Wochenschr** 1984; 62 Suppl 2:43-50
Diagnostic morphometry of the adult respiratory distress syndrome (shock lung). Riede UN, et al. **Pathol Res Pract** 1984 Nov;179(2):204-6
Adult respiratory distress syndrome due to malignant histiocytosis. Gore TB, et al. **South Med J** 1985 Jul; 78(7):858-62
[Bronchoalveolar lavage as a diagnostic method in intensive therapy] Joka T, et al. **Anasth Intensivther Notfallmed** 1985 Apr;20(2):79-83 (Eng. Abstr.) **(Ger)**
[Pathomorphological picture of the lung in polytraumatized patients] Réffy A, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1985; 28(1):65-70 (Eng. Abstr.) **(Hun)**

PHYSIOPATHOLOGY

Supply dependency of oxygen uptake in ARDS: myth or reality? Cain SM. **Am J Med Sci** 1984 Oct;288(3):119-24
Complement activation in patients at risk of developing the adult respiratory distress syndrome. Duchateau J, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1058-64
Adult respiratory distress syndrome. Prognosis after onset. Fowler AA, et al. **Am Rev Respir Dis** 1985 Sep; 132(3):472-8
Indicators of risk, course, and prognosis in adult respiratory distress syndrome (ARDS) [editorial] Petty TL. **Am Rev Respir Dis** 1985 Sep;132(3):471
Adult respiratory distress syndrome: mechanisms of lung injury. Saunders NA. **Aust NZ J Med** 1984 Oct;14(5 Suppl 3):769-75
Oxygen radicals in the adult respiratory distress syndrome, in myocardial ischemia and reperfusion injury, and in cerebral vascular damage. Hammond B, et al. **Can J Physiol Pharmacol** 1985 Mar;63(3):173-87 (96 ref.)
Manipulation of tissue forces in treating the adult respiratory distress syndrome. Oppenheimer L. **Can J Surg** 1985 Jul; 28(4):326-8
Reduced pulmonary capillary blood volume as a long-term sequel of ARDS. Buchser E, et al. **Chest** 1985 May; 87(5):608-11
Right ventricular volumes by thermodilution in the adult respiratory distress syndrome. A comparative study using two-dimensional echocardiography as a reference method. Jardin F, et al. **Chest** 1985 Jul;88(1):34-9
Pathophysiology of adult respiratory distress syndrome after sepsis and surgical operations. Shoemaker WC, et al. **Crit Care Med** 1985 Mar;13(3):166-72
Hypoxemia, cellular hypoxia, and the oxyhemoglobin dissociation curve [letter] Thorgaard Andersen P, et al. **Crit Care Med** 1985 Aug;13(8):695-6
Pulmonary interstitial emphysema in the adult respiratory distress syndrome. Woodring JH. **Crit Care Med** 1985 Oct; 13(10):786-91
Air-blood barrier thickness and blood gas changes in sepsis. Olson LM, et al. **Curr Surg** 1985 Jul-Aug;42(4):295-7
Mechanisms and measurement of injury to the alveolar-capillary barrier. Jones JG. **Int Anesthesiol Clin** 1984 Winter;22(4):131-48
The role of total static lung compliance in the management of severe ARDS responsive to conventional therapy [letter] Benito S, et al. **Intensive Care Med** 1985;11(3):163-4
Effects of platelet depletion on the unanesthetized sheep's pulmonary response to endotoxemia. Snapper JR, et al. **J Clin Invest** 1984 Nov;74(5):1782-91
Long-term sequelae in children surviving adult respiratory distress syndrome. Fanconi S, et al. **J Pediatr** 1985 Feb; 106(2):218-22
Cardiovascular effects of mechanical ventilation and positive end-expiratory pressure [letter] L'Hommedieu CS, et al. **JAMA** 1985 Apr 19;253(15):2195-6
Neutrophils and adult respiratory distress syndrome [letter] Crawford SM. **Lancet** 1984 Dec 15;2(8416):1392-3
Complement activation and clearance in acute illness and injury: evidence for C5a as a cell-directed mediator of the adult respiratory distress syndrome in man. Solomkin JS, et al. **Surgery** 1985 Jun;97(6):668-78
[Residual lung function changes following adult respiratory distress syndrome (ARDS) in children] Kraemer R, et al. **Schweiz Med Wochenschr** 1985 Jan 19;115(3):96-9 (Eng. Abstr.) **(Ger)**
[Adult progressive respiratory insufficiency syndrome in the child (shock-lung syndrome)] Ortiz-Méndez VM, et al.

Bol Med Hosp Infant Mex 1985 Mar;42(3):164-8 (Eng. Abstr.) **(Spa)**

PREVENTION & CONTROL

Prevention of the adult respiratory distress syndrome with dipyridamole. Vincent JL, et al. **Crit Care Med** 1985 Oct; 13(10):783-5

PEEP to prevent adult respiratory-distress syndrome [letter] **N Engl J Med** 1984 Nov 15;311(20):1321-2

Adult respiratory distress syndrome in cases of severe trauma--the prophylactic value of methylprednisolone sodium succinate. van der Merwe CJ, et al. **S Afr Med J** 1985 Feb 23;67(8):279-84

RADIOGRAPHY

Adult respiratory distress syndrome in children. Effmann EL, et al. **Radiology** 1985 Oct;157(1):69-74

Adult respiratory distress syndrome: radiologic manifestations and course. Johnson TH, et al. **South Med J** 1984 Sep;77(9):1136-8

RADIONUCLIDE IMAGING

[Functional studies in blunt thoracic trauma with special reference to perfusion and ventilation scintigraphy] Merkle P, et al. **Chirurg** 1985 Mar;56(3):147-50 (Eng. Abstr.) **(Ger)**

[Nuclear medicine diagnosis of pulmonary capillary protein leakage] Creutzig H, et al. **Nuklearmedizin** 1984 Oct; 23(5):253-6 (Eng. Abstr.) **(Ger)**

THERAPY

The CPAP mask. A comfortable approach to ARDS. Domigan-Wentz J. **Am J Nurs** 1985 Jul;85(7):813-5

Distribution of ventilation and perfusion during positive end-expiratory pressure in the adult respiratory distress syndrome. Ralph DD, et al. **Am Rev Respir Dis** 1985 Jan; 131(1):54-60

The adult respiratory distress syndrome. Bernard GR, et al. **Annu Rev Med** 1985;36:195-205 (43 ref.)

Constant mean airway pressure with different patterns of positive pressure breathing during the adult respiratory distress syndrome. Gattinoni L, et al. **Bull Eur Physiopathol Respir** 1985 May-Jun;21(3):275-9

Least PEEP: primum non nocere [editorial] Albert RK. **Chest** 1985 Jan;87(1):2-4

Sequential hemofiltration in nonoliguric high capillary permeability pulmonary edema of severe sepsis: preliminary report. Gotloib L, et al. **Crit Care Med** 1984 Nov; 12(11):997-1000

Lung mechanical profiles in acute respiratory failure: diagnostic and prognostic value of compliance at different tidal volumes. Hylkema BS, et al. **Crit Care Med** 1985 Aug; 13(8):637-40

Effect of positive end-expiratory pressure on venous distension during transvenous interruption of the vena cava. Kudsk KA, et al. **Crit Care Med** 1985 Feb;13(2):135-6

Severe combined respiratory and myocardial failure treated with high-frequency ventilation. Yeston NS, et al. **Crit Care Med** 1985 Mar;13(3):208-9

Tracheal suctioning and ventilator tubing changes in adult respiratory distress syndrome: use of a positive end-expiratory pressure valve. Schumann L, et al. **Heart Lung** 1985 Jul;14(4):362-7

Studies of complement activation in ARDS patients treated by long-term extracorporeal CO2 removal. Gardinali M, et al. **Int J Artif Organs** 1985 May;8(3):135-40

Mechanical pulmonary ventilation at high airway pressures: is it safe? Kolobov T, et al. **Int J Artif Organs** 1984 Nov; 7(6):315-6

Adult respiratory distress syndrome--II. Management. Stevens JH, et al. **Postgrad Med J** 1984 Sep;60(707):573-6

Adult respiratory distress syndrome: improved oxygenation during high-frequency jet ventilation/continuous positive airway pressure. Hurst JM, et al. **Surgery** 1984 Oct; 96(4):764-9

[Treatment of adult respiratory distress syndrome--preliminary experimental study] Ye GX. **Chung Hua Wai Ko Tsa Chih** 1984 Jan;22(1):49-51, 64 (Eng. Abstr.) **(Chi)**

[Collecting end-expiratory air for capnography in high-frequency jet ventilation] Rockemann MG, et al. **Anasth Intensivther Notfallmed** 1985 Apr;20(2):95-7 (Eng. Abstr.) **(Ger)**

[Extracorporeal CO2 elimination with low frequency ventilation for the treatment of severe acute pulmonary failure] Falke K, et al. **Dtsch Med Wochenschr** 1985 Apr 26;110(17):663-4 **(Ger)**

[Acute respiratory distress syndrome: treatment possibilities] Harrfeldt HP. **Unfallheilkunde** 1984 Sep;87(9):384-6 (Eng. Abstr.) **(Ger)**

[Changes in surfactant in ARDS. Effects of PEEP and CPAP on the biochemical composition of surfactant] Piazza L, et al. **Minerva Anestesiol** 1985 Jan-Feb;51(1-2):29-34 (Eng. Abstr.) **(Ita)**

RESPIRATORY ENTERIC ORPHAN VIRUS see **REOVIRIDAE**

RESPIRATORY FAILURE see **RESPIRATORY INSUFFICIENCY**

RESPIRATORY FUNCTION TESTS

Correlation of radiographic measurements and pulmonary function tests in chronic obstructive pulmonary disease. Reich SB, et al. **AJR** 1985 Apr;144(4):695-9

Cardiopulmonary exercise testing for evaluation of chronic cardiac failure. Weber KT, et al. **Am J Cardiol** 1985 Jan 11;55(2):22A-31A

Pulmonary functional impairment and symptoms in women in the Los Angeles Harbor area. Kilburn KH, et al. **Am J Med** 1985 Jul;79(1):23-8

Abnormal ventilation scans in middle-aged smokers. Comparison with tests of overall lung function. Barter SJ, et al. **Am Rev Respir Dis** 1985 Jul;132(1):148-51

Hypoxia-altitude simulation test. Evaluation of patients with chronic airway obstruction. Gong H Jr, et al. **Am Rev Respir Dis** 1984 Dec;130(6):980-6

Ozone response relationships in healthy nonsmokers. Kulle TJ, et al. **Am Rev Respir Dis** 1985 Jul;132(1):36-41

Nitrogen washout and mortality. Menkes HA, et al. **Am Rev Respir Dis** 1985 Jul;132(1):115-9

Pulmonary function tests in the detection of small airway obstruction in a canine model of bronchiolitis obliterans. Mink SN, et al. **Am Rev Respir Dis** 1984 Dec; 130(6):1125-33

Bronchodilators increase airway instability in cystic fibrosis. Zach MS, et al. **Am Rev Respir Dis** 1985 Apr;131(4):537-43

Pulmonary function and bronchial hyperreactivity in asthmatic children with house dust mite allergy during prolonged stay in the Italian Alps (Misurina, 1756 m). Boner AL, et al. **Ann Allergy** 1985 Jan;54(1):42-5

What is the use of a respiratory function test? Frith PA, et al. **Aust NZ J Med** 1984 Oct;14(5 Suppl 3):785-6

The effect of altitude on normal pulmonary function tests: a comparison between the Dead Sea area and Amman. Sliman NA. **Aviat Space Environ Med** 1984 Nov; 55(11):1010-4

Pulmonary function assessment during bleomycin therapy. Lampert-Benignus E, et al. **Biomed Pharmacother** 1985; 39(2):87-93

Ventilatory responses of normal subjects to flax dust inhalation: the protective effect of autoclaving the flax. Jamison JP, et al. **Br J Ind Med** 1985 Mar;42(3):196-201

Pulmonary function tests and airway responsiveness to methacholine in chronic bronchiectasis of the adult. Bahous J, et al. **Bull Eur Physiopathol Respir** 1984 Jul-Aug; 20(4):375-80

Standardized lung function testing [letter] Thornton JC, et al. **Bull Eur Physiopathol Respir** 1984 Nov-Dec;20(6):571-2

Inspiratory muscle conditioning using a threshold loading device. Clanton TL, et al. **Chest** 1985 Jan;87(1):62-6

Clinical and physiologic evaluation of asthma. Gold WM. **Chest** 1985 Jan;87(1 Suppl):30S-32S

Pattern of genetic influence on pulmonary function. Kawakami Y, et al. **Chest** 1985 Apr;87(4):507-11

Accuracy of pulmonary function tests in predicting exercise tolerance in chronic obstructive pulmonary disease. Pineda H, et al. **Chest** 1984 Oct;86(4):564-7

Maximal inspiratory and expiratory pressures in adolescents. Normal values. Smyth RJ, et al. **Chest** 1984 Oct; 86(4):568-72

SBT-CO2: a new method for the diagnosis of pulmonary embolism? Eriksson L, et al. **Clin Physiol** 1985;5 Suppl 3:111-5

Pulmonary function testing in small laboratory mammals. O'Neil JJ, et al. **Environ Health Perspect** 1984 Jun;56:11-22 (74 ref.)

Interpretation of new techniques used in the determination of pulmonary function in rodents. Costa DL. **Fundam Appl Toxicol** 1985 Jun;5(3):423-34

A respiratory profile from a hand-held computer. Aquino MM. **Heart Lung** 1985 Jan;14(1):88-90

Dynamic pulmonary functions in children and their correlation with armspan. Pande AH, et al. **Indian J Pediatr** 1984 Sep-Oct;51(412):541-3

Spirometric data in South Indian subjects 60-80 years of age. Meenakshi S. **Indian J Physiol Pharmacol** 1984 Jan-Mar; 28(1):58-62

Pulmonary functions in normal children. Vohra RS, et al. **Indian Pediatr** 1984 Oct;21(10):785-90

Interrupter technique for measurement of respiratory mechanics in anesthetized humans. Gottfried SB, et al. **J Appl Physiol** 1985 Aug;59(2):647-52

Moment analysis of multibreath nitrogen washout in young children. Wall MA. **J Appl Physiol** 1985 Jul;59(1):274-9

Pulmonary function testing: use of the peak expiratory flow rate in an out-patient or office setting. Daman HR. **J Asthma** 1984;21(5):331-7

Anesthetic effect on respiratory functions. Panich A. **J Med Assoc Thai** 1984 Nov;67(11):608-19

Pulmonary function study in normal Thai children; comparison of spirometric measurements using simple vitalor respirometer and standard spirometer. Suwanjutha S, et al. **J Med Assoc Thai** 1984 Sep;67(9):504-16

Assessment of cardiac and respiratory function during surgery on patients with acute quadriplegia. Mackenzie CF, et al. **J Neurosurg** 1985 Jun;62(6):843-9

A summary of preoperative and postoperative cardiorespiratory performance in patients undergoing pectus excavatum and carinatum repair. Cahill JL, et al. **J Pediatr Surg** 1984 Aug;19(4):430-3

A new method for measuring respiration in the conscious mouse. Kigasawa K, et al. **J Pharmacol Methods** 1984 Oct; 12(3):183-9

Using conventional infant ventilators at unconventional rates. Boros SJ, et al. **Pediatrics** 1984 Oct;74(4):487-92

The effect of aminophylline, oxyphylline and fenoterol on some ventilatory functions in patients with reversible airways obstruction. Král B, et al. **Sb Ved Pr Lek Fak Univ Karlovy** 1983;26(5):535-43

Study of lung function data by principal components analysis. Cowie H, et al. **Thorax** 1985 Jun;40(6):438-43

Estimation of alveolar deposition ratio of inhaled radioaerosol. Isawa T, et al. **Tohoku J Exp Med** 1985 Mar; 145(3):259-67

Pulmonary responsiveness to methacholine and disodium hexachloroplatinate (Na2PtCl6) aerosols in cynomolgus monkeys (Macaca fascicularis). Biagini RE, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):139-46

Relationship between pulmonary function tests and morphologic changes in the lung in bleomycin-treated patients. Piotti P, et al. **Tumori** 1984 Oct 31;70(5):439-44

[Obstructive changes in the respiratory tract in children, adolescents and young adults with bronchial asthma and clinical signs of the disease] Mišúr M, et al. **Cesk Pediatr** 1984 Nov;39(11):632-9 (Eng. Abstr.) **(Cze)**

[Pulmonary function as an indicator of lung growth in patients with pituitary nanism] Zapletal A, et al. **Cesk Pediatr** 1985 May;40(5):267-72 (Eng. Abstr.) **(Cze)**

[Cardiopulmonary function and the evaluation of surgical risk] Salorinne Y, et al. **Duodecim** 1984;100(21):1448-56 **(Fin)**

[Pulmonary function studies in the diagnosis of respiratory diseases] Sovijärvi AR. **Duodecim** 1984;100(21):1432-47 **(Fin)**

[Respective roles of radiography and respiratory function tests in the diagnosis of asbestosis] Leménager J, et al. **Bull Acad Natl Med (Paris)** 1984 Oct-Nov;168(7-8):981-5 (Eng. Abstr.) **(Fre)**

[Pulmonary function tests at different stages of toxic oil syndrome] Martin Escribano P, et al. **Bull Eur Physiopathol Respir** 1984 Jul-Aug;20(4):307-12 (Eng. Abstr.) **(Fre)**

[Chronic obstructive bronchopneumopathies. What should be measured? When and how?] Marteau D, et al. **Presse Med** 1984 Oct 4;13(34):2054-8 (Eng. Abstr.) **(Fre)**

[Can the results of pulmonary function tests and evidence of tobacco-related respiratory symptoms be used to dissuade adolescents from smoking?] Neukirch F, et al. **Rev Epidemiol Sante Publique** 1984;32(5):295-300 (Eng. Abstr.) **(Fre)**

[Preoperative evaluation of pulmonary function] Beauchamp G, et al. **Union Med Can** 1985 Mar;114(3):222-4, 226 (Eng. Abstr.) **(Fre)**

[Recommendations for the execution of pulmonary function tests in general practice] Geisler LS, et al. **Dtsch Med Wochenschr** 1985 Feb 8;110(6):231-4 **(Ger)**

[Development of respiratory function in patients with chronic obstructive respiratory disease] Höffe G, et al. **Dtsch Med Wochenschr** 1985 Mar 15;110(11):415-9 (Eng. Abstr.) **(Ger)**

[Diagnosis of pulmonary emphysema. Analysis of the expiratory partial pressure curves of the gases O2, CO2, He and SF6] Worth H. **Fortschr Med** 1985 Jun 20; 103(23):634-6 (Eng. Abstr.) **(Ger)**

[Liposome phospholipid substitution and lung function in surfactant deprived rats] Obladen M. **Klin Padiatr** 1985 Mar-Apr;197(2):152-4 (Eng. Abstr.) **(Ger)**

[Respiratory function tests and longitudinal anamnestic data in a group of children in Berlin (West)] Havestadt C. **Schriftenr Ver Wasser Boden Lufthyg** 1984;59:165-9 **(Ger)**

[Pulmonary hypertension and chronic obstructive ventilatory disorders--correlation between hemodynamic parameters and pulmonary function] Gassner A, et al. **Schweiz Med Wochenschr** 1985 Feb 23;115(8):266-72 (Eng. Abstr.) **(Ger)**

[Pulmonary function tests in a population with endemic pleural plaques and environmental asbestos exposure] Neuberger M, et al. **Wien Klin Wochenschr** 1985 Mar 15; 97(6):289-93 (Eng. Abstr.) **(Ger)**

[Interpretation of pneumoconiosis--results of cardiopulmonary function tests in dust-exposed patients with and without silicosis] Bürkmann I, et al. **Z Erkr Atmungsorgane** 1985;164(2):162-72 (Eng. Abstr.) **(Ger)**

[Contribution of the study of respiratory function to the evaluation of pulmonary interstitiopathies] Marsico SA, et al. **Arch Monaldi** 1984 May-Jun;39(3):191-202 (Eng. Abstr.) **(Ita)**

[EGAGE: a program for combined blood gas analysis and analysis of exhaled gases in surgical patients under critical care] Benedetto G, et al. **Minerva Med** 1984 Sep 22; 75(36):2059-62 **(Ita)**

[Studies on uneven ventilation in chronic obstructive lung disease] Sugita M, et al. **Kokyu To Junkan** 1985 Mar; 33(3):377-84 **(Jpn)**

[Optimization of functional respiration studies during mass clinical examination of the population] Klement RF, et al. **Sov Med** 1984;(11):63-7 **(Rus)**

[Study of pulmonary ventilation function in workers exposed to carbon monoxide in the Svetozarevo cable factory] Trajković M. **Srp Arh Celok Lek** 1984 Sep;112(9):909-1

(Eng. Abstr.) **(Scc)**

[Byssinosis in the cotton-mill in Litija] Sušković S. **Plucne Bolesti** 1984 Jul-Dec;36(3-4):196-9 (Eng. Abstr.) **(Scr)**

[Idiopathic pulmonary hemosiderosis. Clinical case in an adult with respiratory function and an electron microscopy study] Regonesi C, et al. **Rev Med Chil** 1984 Apr; 112(4):369-73 (Eng. Abstr.) **(Spa)**

INSTRUMENTATION

Respiratory monitoring for children undergoing radiation therapy [letter] Glaser R, et al. **Anesthesiology** 1985 Jul; 63(1):123-4

Assessing inspiratory force--an indicator [letter] Ibler M. **Anesthesiology** 1985 May;62(5):695-6

An analyzer for in-line measurement of expiratory sulfur hexafluoride concentration. Jonmarker C, et al. **Anesthesiology** 1985 Jul;63(1):84-8

Respiratory monitoring: current techniques and some new developments. Eberhart RC, et al. **Bull Eur Physiopathol Respir** 1985 May-Jun;21(3):295-300 (36 ref.)

Respiratory airflow measurement in the neonate. Dransfield DA, et al. **Clin Perinatol** 1985 Feb;12(1):21-30

Airflow perturbation device for measuring airways resistance of humans and animals. Johnson AT, et al. **IEEE Trans Biomed Eng** 1984 Sep;31(9):622-6

A high-precision automatic closed-circuit respirometer for small animals. Howland RJ, et al. **J Appl Physiol** 1985 Mar; 58(3):1031-3

The 'Wright' peak flow meter--1959 (silver anniversary). **J Asthma** 1984;21(5):353-4

Servo-controlled air pump for calibration of respiratory measurement systems. Saumon G, et al. **J Biomed Eng** 1985 Apr;7(2):132-6

Regional pulmonary distribution of krypton-81m gas delivered by different breathing systems. Mostafa AB, et al. **J Nucl Med** 1985 Feb;26(2):191-3

The effects of leaks in spirometers on measurements of pulmonary function. The implications for epidemiologic studies. Townsend MC. **J Occup Med** 1984 Nov; 26(11):835-41

A new method for measuring respiration in the conscious mouse. Kigasawa K, et al. **J Pharmacol Methods** 1984 Oct; 12(3):183-9

Availability of mini peak flow meters for the management of severe asthma [letter] Williams AJ, et al. **Lancet** 1985 Jun 8;1(8441):1341

Asthma and peak flow meters [letter] Yates D. **NZ Med J** 1985 May 8;98(778):351

Assessing maximal static ventilatory muscle pressures using the 'bugle' dynamometer. Suggestion from the field. Sobush DC, et al. **Phys Ther** 1984 Nov;64(11):1689-90

[Body plethysmography in infants and small children. Respiratory function diagnosis using a special baby plethysmograph] Lindemann H. **Fortschr Med** 1984 Sep 13;102(34):845-7 (Eng. Abstr.) **(Ger)**

[Equipment for microcomputer-controlled measurement in the evaluation of respiratory mechanical parameters in premature and newborn infants] Mädler HJ, et al. **Kinderarztl Prax** 1985 Mar;53(3):113-7 (Eng. Abstr.) **(Ger)**

[A method of studying the respiratory function of the lungs using the 'Spirolit-2' device] Zhuravlev VV. **Kosm Biol Aviakosm Med** 1984 Nov-Dec;18(6):76-7 **(Rus)**

[Methodological bases for the differential assessment of the conditioning function of the respiratory apparatus in clinical practice] Agarkov FT, et al. **Ter Arkh** 1985; 57(3):73-7 (Eng. Abstr.) **(Rus)**

[Use of phonopulmonary signals in diagnostics in the bronchopulmonary system] Šimáček I, et al. **Bratisl Lek Listy** 1985 Jul;84(1):88-93 (Eng. Abstr.) **(Slo)**

[Simple exploratory flowmeters in the preoperative evaluation of pulmonary function] Litvan H, et al. **Rev Esp Anestesiol Reanim** 1984 Jul-Aug;31(4):141-3 (Eng. Abstr.) **(Spa)**

METHODS

A new method for calculating total respiratory system compliance. Theory and model experiments. Darowski M, et al. **Acta Anaesthesiol Scand** 1985 May;29(4):395-9

Use of the rebreathing method in the differential diagnosis of congenital heart disease and persistent fetal circulation. Galioto FM Jr, et al. **Am J Cardiol** 1984 Dec 1; 54(10):1305-9

Cotton induced bronchoconstriction detected by a forced random noise oscillator. Sepulveda MJ, et al. **Br J Ind Med** 1984 Nov;41(4):480-6

Forced oscillation technique. Reference values for resistance and reactance over a frequency spectrum of 2-26 Hz in healthy children aged 2.3-12.5 years. Duiverman EJ, et al. **Bull Eur Physiopathol Respir** 1985 Mar-Apr;21(2):171-8

Non-invasive semi-quantitative measurements of tidal pressure-volume and flow relations of lung in COPD patients. Moavero NE, et al. **Bull Eur Physiopathol Respir** 1984 Jul-Aug;20(4):333-9

Ventilation thresholds may be misinterpreted with the presentation of mean data. McLellan TM. **Can J Appl Sport Sci** 1985 Jun;10(2):62-3

Pulmonary function measurement in the industrial setting. Chan-Yeung M, et al. **Chest** 1985 Aug;88(2):270-5 (58 ref.)

Microcomputers in medicine: cardiorespiratory assessment. Jackson RW, et al. **J Am Osteopath Assoc** 1984 Aug; 83(12):844-51

Reproducibility and accuracy of airway area by acoustic reflection. Brooks LJ, et al. **J Appl Physiol** 1984 Sep; 57(3):777-87

Effects of acetone in heparin on the multiple inert gas elimination technique. Powell FL, et al. **J Appl Physiol** 1985 Apr;58(4):1143-7

Estimation of ventilation-perfusion inequality by inert gas elimination without arterial sampling. Wagner PD, et al. **J Appl Physiol** 1985 Aug;59(2):376-83

Measurement of cardiopulmonary function by rebreathing methodology in piglets. Mentz WM, et al. **Pediatr Res** 1984 Nov;18(11):1167-72

On-line minicomputerized measurement of cardiopulmonary function on a breath-by-breath basis. Langer AW, et al. **Psychophysiology** 1985 Jan;22(1):50-8

Informative value of simple multibreath nitrogen washout measurements for clinical and research purposes. Cutillo AG, et al. **Respiration** 1985;47(2):81-9

Effects of position on respiratory muscle function during CO2 rebreathing. Lopata M, et al. **Respiration** 1985; 47(2):98-106

Reduction of pulmonary function indices: comparison of two hierarchical methods. Mur JM, et al. **Respiration** 1984; 46(1):61-8

Standardised lung function testing [editorial] Laszlo G. **Thorax** 1984 Dec;39(12):881-6

[Peculiarities of respiratory mechanical studies in spontaneously breathing newborn infants. 2: Evaluation technics, parameter distribution and diagnostic validity] Schmalisch G, et al. **Z Erkr Atmungsorgane** 1984; 163(2):121-39 (Eng. Abstr.) **(Ger)**

[Simple measurements of respiration mechanics in the newborn infant] Mortola JP, et al. **Minerva Pediatr** 1985 Jan 31;37(1-2):1-9 (Eng. Abstr.) **(Ita)**

[Total quality control method of clinical pulmonary function tests] Kambe M, et al. **Kokyu To Junkan** 1985 Feb; 33(2):153-7 **(Jpn)**

[Distortions of respiratory indices during muscle work in research procedures using masks] Rozenblat VV, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):116-8 (Eng. Abstr.) **(Rus)**

STANDARDS

Upper airway artifact in respiratory impedance measurements. Peslin R, et al. **Am Rev Respir Dis** 1985 Sep;132(3):712-4

Limitations of applicability of current calibration procedures for respiratory inductive plethysmography. Bellia V, et al. **Bull Eur Physiopathol Respir** 1984 Jul-Aug;20(4):341-6

Development of a standardized pulmonary function evaluation program in industry. Townsend MC, et al. **J Occup Med** 1984 Sep;26(9):657-61

Standardised lung function testing [letter] Williams AJ. **Thorax** 1985 Jun;40(6):479-80

VETERINARY

A method for producing forced expirograms in laboratory animals. Ventrone R, et al. **Lab Anim** 1984 Oct;18(4):379-82

A technique for monitoring respiratory responses in guinea pigs. McCracken MS, et al. **Lab Anim Sci** 1984 Oct; 34(5):475-9

[Analysis of a variance model for the evaluation of circadian rhythms of lung function in the horse] Stadler P, et al. **DTW** 1985 Feb 7;92(2):44-6 (Eng. Abstr.) **(Ger)**

RESPIRATORY HYPERSENSITIVITY

Granulocyte depletion and histamine sensitivity [letter] Shore S, et al. **J Appl Physiol** 1984 Sep;57(3):923

3rd congress of the European Society of Pneumology. Basel, September 16-22, 1984. Abstracts. **Respiration** 1984;46 Suppl 1:1-179

CHEMICALLY INDUCED

Platinum allergy. Boggs PB. **Cutis** 1985 Apr;35(4):318-20

Occupational allergy to sunflower pollen. Bousquet J, et al. **J Allergy Clin Immunol** 1985 Jan;75(1 Pt 1):70-4

An anti-inflammatory drug (BW755C) inhibits airway hyperresponsiveness induced by ozone in dogs. Fabbri LM, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):162-6

Reactive airways dysfunction syndrome. Case reports of persistent airways hyperreactivity following high-level irritant exposures. Brooks SM, et al. **J Occup Med** 1985 Jul;27(7):473-6

Bronchoalveolar lavage in acute drug-hypersensitivity pneumonitis probably caused by phenytoin. Munn NJ, et al. **South Med J** 1984 Dec;77(12):1594-6

Pulmonary responsiveness to methacholine and disodium hexachloroplatinate (Na2PtCl6) aerosols in cynomolgus monkeys (Macaca fascicularis). Biagini RE, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):139-46

[Pneumopathy caused by hypersensitivity to isocyanates. Value and dangers of a realistic provocation test] Vergnon JM, et al. **Rev Mal Respir** 1985;2(2):83-90 (Eng. Abstr.) **(Fre)**

[Allergoses of the upper respiratory tract of chemical origin] Ostapkovich VE, et al. **Vestn Otorinolaringol** 1984 Sep-Oct;(5):52-7 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

[2 cases of bronchial asthma developing in healthy women with bronchial hypersensitivity] Ohashi Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 May; 22(5):419-22 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

ELISA in diagnosis of respiratory allergy. A comparison with RAST and skin tests. Negrini AC, et al. **Allergy** 1985 May;40(4):238-41

Clinical application of inhalation tests in patients with airway allergy. Ishizuka Y. **Auris Nasus Larynx** 1984;11(3):163-70

T-lymphocytosis in bronchoalveolar lavage fluid of hypersensitivity pneumonitis [letter] **Chest** 1985 Jan; 87(1):133-4

Bronchoalveolar T-cell subsets in gold lung. Evidence for a hypersensitivity reaction [letter] **Chest** 1985 Jan; 87(1):135-6

Allergic Aspergillus sinusitis [clinical conference] Goldstein MF, et al. **J Allergy Clin Immunol** 1985 Sep;76(3):515-24

Study of respiratory and immunologic changes in the workers of a poultry farm. Tudor A, et al. **Med Interne** 1985 Apr-Jun;23(2):129-34

[Realistic nasal provocation tests (letter)] Bittera I, et al. **Presse Med** 1984 Dec 8;13(44):2706 **(Fre)**

[Rhinorheomanometry in the self care of allergic patients] Mayer B, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Apr; 64(4):191-3 (Eng. Abstr.) **(Ger)**

[Sensitivity of lung function parameters in the evaluation of bronchial hyperreactivity in children] Guerrero M, et al. **Prax Klin Pneumol** 1984 Jul;38(7):252-5 (Eng. Abstr.) **(Ger)**

[Oral provocation with inhalation allergens in exogenous allergic bronchial asthma?] Höhl G, et al. **Prax Klin Pneumol** 1984 Aug;38(8):352-6 (Eng. Abstr.) **(Ger)**

[Measurement of nonspecific airway hyperreactivity using cold air hyperventilation provocation--evaluation of a new method] Zach M, et al. **Prax Klin Pneumol** 1984 Jul; 38(7):260-2 (Eng. Abstr.) **(Ger)**

[Atopy screening: prick multitest, total IgE or RAST? On the value of allergologic testing of the staff of an industrial bakery] Hartmann AL, et al. **Schweiz Med Wochenschr** 1985 Apr 6;115(14):466-75 (Eng. Abstr.) **(Ger)**

[Asthma and infection Part. III. Examination of wheezy infants and young children for allergy] Nagayama Y, et al. **Arerugi** 1984 Nov;33(11):921-33 (Eng. Abstr.) **(Jpn)**

[Bronchial hyperresponsiveness in patients with diffuse panbronchiolitis (DPB)--in comparison with that in patients with bronchial asthma, patients with emphysema, and healthy volunteers] Furue M, et al. **Bull Chest Dis Res Inst Kyoto Univ** 1984 Mar; 17(1-2):98-104 (Eng. Abstr.) **(Jpn)**

[Provocation tests in the diagnosis of allergy of the upper respiratory tract] Gawin A, et al. **Otolaryngol Pol** 1984; 38(6):523-7 (Eng. Abstr.) **(Pol)**

[Endoscopic diagnosis of allergic reactions in mucous membranes of the nose and paranasal sinuses] Betlejewski S, et al. **Wiad Lek** 1985 Jan 15;38(2):109-15 (Eng. Abstr.) **(Pol)**

DRUG THERAPY

[Effectiveness of using levamisole in workers sensitized to hexavalent chromium] Budanova LF, et al. **Vrach Delo** 1984 Oct;(10):104-8 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

[Experimental study on the significance of arachidonic acid metabolism in the pathogenesis of bronchial asthma with an in vivo model in the guinea pig] Becher G, et al. **Z Erkr Atmungsorgane** 1984;163(2):166-74 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Allergic bronchopulmonary curvulariosis. Halwig JM, et al. **Am Rev Respir Dis** 1985 Jul;132(1):186-8

A respiratory epidemiologic survey of grain mill workers in Cape Town, South Africa. Yach D, et al. **Am Rev Respir Dis** 1985 Apr;131(4):505-10

Psyllium hypersensitivity, nurses, and geriatric units [letter] Schoenwetter WF, et al. **Ann Intern Med** 1985 Oct; 103(4):642

The importance of dermatophagoides in Capri. Esposito V, et al. **Arch Monaldi** 1984 Jan-Apr;39(1-2):95-100

Wheat flour sensitisation and airways disease in urban bakers. Prichard MG, et al. **Br J Ind Med** 1984 Nov;41(4):450-4

Allergy to laboratory animals [letter] Slovak AJ, et al. **Br J Ind Med** 1985 Mar;42(3):213-4

Bronchial reactivity in green coffee exposure. Zuškin E, et al. **Br J Ind Med** 1985 Jun;42(6):415-20

Respiratory responses to inhaled small organic molecules and related agents encountered in the workplace. Butcher BT, et al. **Clin Rev Allergy** 1985 Jul;3(3):351-61 (34 ref.)

Smoking, occupation, and allergic lung disease [editorial] **Lancet** 1985 Apr 27;1(8435):965

Illnesses possibly associated with smoking clove cigarettes. **MMWR** 1985 May 31;34(21):297-9

Respiratory allergies related to automobile air conditioners. Kumar P, et al. **N Engl J Med** 1984 Dec 20;311(25):1619–21

[Respiratory allergy to cement] Lob M. **Z Unfallchir Versicherungsmed Berufskr** 1985;78(1):47–52 **(Fre)**

[Proteolytic enzymes: potential allergens for the skin and respiratory tract?] Wüthrich B. **Hautarzt** 1985 Mar; 36(3):123–5 (27 ref.) (Eng. Abstr.) **(Ger)**

[Respiratory atopy and season of birth: epidemiologic considerations] Fiocchi A, et al. **Pediatr Med Chir** 1984 Sep–Oct;6(5):673–6 (Eng. Abstr.) **(Ita)**

[Mites in house dust and human allergoses] Zhëltikova TM, et al. **Biol Nauki** 1985;(2):12–30 (100 ref.) (Eng. Abstr.) **(Rus)**

[Current problems of pediatric allergology] Balabolkin II. **Vestn Akad Med Nauk SSSR** 1985;(6):45–9 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

The long-term pulmonary sequelae of prematurity: the role of familial airway hyperreactivity and the respiratory distress syndrome. Bertrand JM, et al. **N Engl J Med** 1985 Mar 21;312(12):742–5

HISTORY

Nasal allergy: milestones in understanding the disease. Beg MH **JPMA** 1985 Apr;35(4):132–3

IMMUNOLOGY

Studies of HLA-ABC and DR antigens in pure atopic dermatitis and atopic dermatitis combined with allergic respiratory disease. Svejgaard E, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:72–6

Epidemiologic and immunologic studies in processors of the king crab. Orford RR, et al. **Am J Ind Med** 1985;7(2):155–69

T cell subsets in allergic respiratory disease using monoclonal antibodies. Engel P, et al. **Ann Allergy** 1984 Oct; 53(4):337–40

Ultrastructural heterogeneity of the basophilic cells in the allergic nasal mucosa. Okuda M, et al. **Ann Allergy** 1985 Feb;54(2):152–7

Development of IgE and IgG antibodies to food and inhalant allergens in children at risk of allergic disease. Rowntree S, et al. **Arch Dis Child** 1985 Aug;60(8):727–35

Serum antibody response and germinal centre reaction in the upper respiratory tract after antigen challenge in mice. Schumacher U, et al. **Arch Otorhinolaryngol** 1984; 240(3):255–62

Antigen-induced enhancement of bronchial reactivity. Bar-Sela S, et al. **Chest** 1985 Jul;88(1):114–6

Specificity and' duration of post-inflammatory suppression in rabbit lungs challenged with aerosolized antigen. Calvanico NJ, et al. **Clin Exp Immunol** 1985 Feb; 59(2):336–42

A new approach to immunotherapy for house dust mite (D. pteronyssinus) allergy with high dosage of an aluminium adsorbed extract. Eaton K. **Curr Med Res Opin** 1984; 9(4):235–9

IgG vs IgE: mediators of antigen-induced guinea pig tracheal contraction. Regal JF. **Immunopharmacology** 1984 Dec; 8(3–4):111–9

Macrophage-derived chemotactic factors and allergic asthma. Fowler AA 3d, et al. **J Allergy Clin Immunol** 1984 Dec;74(6):777–80

Levels of immunoglobulin G, M, A, and E at various ages in allergic and nonallergic black and white individuals. Grundbacher FJ, et al. **J Allergy Clin Immunol** 1985 Jun; 75(6):651–8

Detection of IgE-mediated respiratory sensitization in workers exposed to hexahydrophthalic anhydride. Moller DR, et al. **J Allergy Clin Immunol** 1985 Jun;75(6):663–72

Prolonged bronchial obstruction after a single antigen challenge in ragweed asthma. Wanner A, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):177–81

Antigen-induced airway hyperresponsiveness and pulmonary inflammation in allergic dogs. Chung KF, et al. **J Appl Physiol** 1985 Apr;58(4):1347–53

Radioallergosorbent test (RAST) for measurement of IgG antibodies to Aspergillus fumigatus in sera of patients with different lung diseases. Dewair M, et al. **J Immunol Methods** 1984 Dec 14;75(1):117–28

[Skin tests, RAST and provocation tests with a purified acarian extract (Pharmalgen) in respiratory hypersensitivity] Nicod L, et al. **Schweiz Med Wochenschr** 1984 Dec 1;114(48):1769–70 (Eng. Abstr.) **(Fre)**

[Accelerated desensitization to lung allergens] Michel FB, et al. **Tunis Med** 1984 May–Jun;62(3):201–7 **(Fre)**

[Results of allergen-induced histamine release and plasma cAMP determination in children with so-called spastic bronchitis (obstructive bronchitis)] Wiemann D, et al. **Kinderarztl Prax** 1984 Dec;52(12):553–6 (Eng. Abstr.) **(Ger)**

[Detection of the incidence of increased sensitization to molds in patients with bronchial asthma and allergic rhinitis] Kautz S, et al. **Z Erkr Atmungsorgane** 1984;163(1):24–31 (Eng. Abstr.) **(Ger)**

[Autoantibodies and respiratory allergy: immunologic case study] Scolozzi R, et al. **Boll Ist Sieroter Milan** 1984 Jul 31;63(3):213–5 (Eng. Abstr.) **(Ita)**

[Method of determining the sensitivity of lymphocytes to immunomodulators of the phenylimidazothiazole group] Kazmirchuk VE, et al. **Lab Delo** 1985;(3):169–71 (Eng. Abstr.) **(Rus)**

[Relation of occupational diseases of the upper respiratory tract to changes in local immunity indices] Pankova VB, et al. **Vestn Otorinolaringol** 1985 May–Jun;(3):67–70 (Eng. Abstr.) **(Rus)**

OCCURRENCE

Prevalence of bronchial asthma and respiratory symptoms in schoolchildren in Oslo. Skarpaas IJ, et al. **Allergy** 1985 May;40(4):295–9

Symptoms, pulmonary function, and bronchial hyperreactivity in western red cedar workers compared with those in office workers. Chan-Yeung M, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1038–41

Occupational respiratory disease in veterinarians. Lutsky I, et al. **Ann Allergy** 1985 Aug;55(2):153–6

Epidemiology of allergic diseases of the respiratory passages in the Kazakh SSR. Moshkevich VS. **J Hyg Epidemiol Microbiol Immunol** 1985;29(1):47–58

[Development of ambulatory care of the pediatric population in the Western Bohemian Region in ambulatory care groups 3 and 4 from 1978 to 1983] Hlad J. **Cesk Zdrav** 1985 Apr; 33(4):171–9 (Eng. Abstr.) **(Cze)**

PHYSIOPATHOLOGY

Effects of triazoles on smooth muscle tone and immunologically released bronchoconstrictive mediators in vitro and in vivo. Andersson RG, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Nov;55(5):418–21

Slope of the dose-response curve to inhaled histamine and methacholine and PC20 in subjects with symptoms of airway hyperexcitability and in normal subjects. Malo JL, et al. **Am Rev Respir Dis** 1985 Sep;132(3):644–7

The effect of cold exposure and exercise upon the nasal mucosal responses in nasal allergy. Konno A, et al. **Ann Allergy** 1985 Jan;54(1):50–9

Hypersensitivity pneumonitis. Levy MB, et al. **Ann Allergy** 1985 Mar;54(3):167–71 (47 ref.)

New perspectives on the putative role of eicosanoids in airway hyperresponsiveness. Robinson C, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):140–4

Respiratory functional changes on intratracheal challenge of sensitized rats. Carswell F, et al. **Respiration** 1985; 47(2):138–50

Bronchial hyperreactivity and arterial carboxyhemoglobin as detectors of air pollution in Milan: a study on normal subjects. Clini V, et al. **Respiration** 1985;47(1):1–10

Airway responsiveness after antigen inhalation challenge in hypersensitive pneumonia. Hida W, et al. **Respiration** 1985; 47(1):11–20

[Correlation between total IgE, blood and secretory eosinophils, bronchial reactivity and skin tests in respiratory hypersensitivity in the adult] Ladjimi S, et al. **Tunis Med** 1984 May–Jun;62(3):181–6 (Eng. Abstr.) **(Fre)**

[Physiological and pathophysiological connections of the upper and lower airways with special reference to immunological and nonimmunological diseases of the respiratory tract] Kunkel G. **Internist (Berlin)** 1985 Apr; 26(4):195–200 **(Ger)**

PREVENTION & CONTROL

[Can allergic diseases be prevented?] Koivikko A. **Duodecim** 1985;101(5):510–7 **(Fin)**

REHABILITATION

[State of lipid peroxidation and thymus-dependent immunity system in patients with allergic diseases of the respiratory organs during rehabilitation in a mountain climate] Sutkovoi DA, et al. **Fiziol Zh** 1985 May–Jun;31(3):287–91 (Eng. Abstr.) **(Rus)**

THERAPY

A combination of cefuroxime and N-acetyl-cysteine for the treatment of maxillary sinusitis in children with respiratory allergy. Boner AL, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Sep;22(9):511–4

[Rush desensitization to respiratory allergens] Bousquet J, et al. **Presse Med** 1984 Dec 8;13(44):2679–83 (Eng. Abstr.) **(Fre)**

[Specific bronchial reactivity following long-term specific immunotherapy in children and adults] Götz M, et al. **Prax Klin Pneumol** 1984 Jul;38(7):263–6 (Eng. Abstr.) **(Ger)**

[Climatic treatment of children with respiratory allergy] Karachevtseva TV. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Jul–Aug; (4):58–64 (130 ref.) **(Rus)**

VETERINARY

Airway reactivity in ponies with recurrent airway obstruction (heaves). Derksen FJ, et al. **J Appl Physiol** 1985 Feb;58(2):598–604

Casein-induced anaphylactic-type acute respiratory distress syndrome in calves. Obi TU. **Zentralbl Veterinarmed** [A] 1985 Jan;32(1):43–53

RESPIRATORY INSUFFICIENCY

Respiratory muscle fatigue—aspects of detection and treatment. Moxham J. **Bull Eur Physiopathol Respir** 1984 Sep–Oct;20(5):437–44 (66 ref.)

Acute respiratory failure due to Pneumocystis carinii pneumonia: clinical, radiographic, and pathologic course. Suffredini AF, et al. **Crit Care Med** 1985 Apr;13(4):237–43

Failure of the respiratory muscle pump. Moxham J. **Int Anesthesiol Clin** 1984 Winter;22(4):165–81 (28 ref.)

[Prevention of lung complications in mitral valve prosthesis] Khurtsilava SG, et al. **Anesteziol Reanimatol** 1985 Mar–Apr;(2):12–5 (Eng. Abstr.) **(Rus)**

BLOOD

Clinical experience with continuous monitoring of mixed venous oxygen saturation in respiratory failure. Fahey PJ, et al. **Chest** 1984 Nov;86(5):748–52

Continuous monitoring of blood gases in the intensive care unit and operating room. Part 2: Invasive monitoring of oxygenation. Cook D. **Indiana Med** 1985 Feb;78(2):117–9

Lipid peroxidation and alpha-tocopherol during an acute respiratory failure after near drowning. Bertrand Y, et al. **Intensive Care Med** 1985;11(2):65–7

Thromboxane and prostacyclin in clinical acute respiratory failure. Slotman GJ, et al. **J Surg Res** 1985 Jul;39(1):1–7

Effect of hypophosphatemia on diaphragmatic contractility in patients with acute respiratory failure. Aubier M, et al. **N Engl J Med** 1985 Aug 15;313(7):420–4

Antithrombin III modifications in respiratory failure due to advanced chronic obstructive lung disease. Porro F, et al. **Ric Clin Lab** 1984 Jul–Sep;14(3):531–3

A case of unusual theophylline elimination in an infant. Ohrt DW, et al. **SD J Med** 1984 Oct;37(10):5–11

[Flow behavior of hypoxically damaged erythrocytes in lung diseases] Lanser K, et al. **Prax Klin Pneumol** 1984 Aug; 38(8):348–51 (Eng. Abstr.) **(Ger)**

[Glycosylated hemoglobin (HbA1) in uremia and chronic respiratory failure] De Marchi S, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):279–82 (Eng. Abstr.) **(Ita)**

[Blood coagulability in chronic respiratory failure] Takayama S. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jul; 22(7):541–51 (Eng. Abstr.) **(Jpn)**

[The kallikrein-kinin system in chronic respiratory insufficiency] Panfilov IuA, et al. **Sov Med** 1985;(2):9–12 (Eng. Abstr.) **(Rus)**

[High density lipoproteins in chronic respiratory insufficiency] González Santos P, et al. **Rev Clin Esp** 1984 Sep 15;174(5):175–7 (Eng. Abstr.) **(Spa)**

CHEMICALLY INDUCED

Respiratory depression after epidural morphine in the postoperative period. Influence of posture. Molke Jensen F, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):600–2

Delayed cardiorespiratory depression following nalbuphine administration [letter] Moore JK. **Anaesthesia** 1985 May; 40(5):506–7

Experimental subdural retrobulbar injection of anesthetic. Drysdale DB. **Ann Ophthalmol** 1984 Aug;16(8):716–8

Fatal acute respiratory failure after vinblastine-mitomycin therapy in lung carcinoma. Rao SX, et al. **Arch Intern Med** 1985 Oct;145(10):1905–7

Nisentil-induced respiratory arrest: report of case. Finder RL, et al. **ASDC J Dent Child** 1985 Jan–Feb;52(1):59–61

Respiratory depression after alfentanil infusion [letter] **Br Med J [Clin Res]** 1985 Jan 26;290(6464):319

Respiratory arrest after solvent abuse. Cronk SL, et al. **Br Med J [Clin Res]** 1985 Mar 23;290(6472):897–8

Respiratory depression after alfentanil infusion. Sebel RS, et al. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1581–2

Acute silver poisoning through inhalation. Forycki Z, et al. **Bull Inst Marit Trop Med Gdynia** 1983;34(3–4):199–203

Anesthetic effect on respiratory functions. Panich A. **J Med Assoc Thai** 1984 Nov;67(11):608–19

Reversal of opioid-associated late-onset respiratory depression by nalbuphine hydrochloride [letter] Hammond JE. **Lancet** 1984 Nov 24;2(8413):1208

Fatal respiratory failure following chemotherapy of advanced teratoma—a pulmonary tumour lysis syndrome? [letter] Phipps JH, et al. **Lancet** 1985 Jun 29;1(8444):1505

An unexpected complication of intravenous injection [letter] Widgington N, et al. **Lancet** 1985 Sep 7;2(8454):561

Merbentyl syrup caution [letter] Altman PM. **Med J Aust** 1985 May 13;142(10):579–80

Merbentyl: another innocent bystander? [letter] McBride W. **Med J Aust** 1985 May 27;142(11):620

Adverse reaction to TRH [letter] Pocock N, et al. **Med J Aust** 1985 Sep 16;143(6):264–5

Magnesium-induced respiratory arrest in a parturient recovering from general anesthesia—a case report. Baraka A, et al. **Middle East J Anaesthesiol** 1984 Oct;7(6):437–40

Respiratory failure in a 32-year-old farmer due to nitrous dioxide exposure. Schwenk N. **Minn Med** 1984 Dec; 67(12):693

Respiratory failure and lithium [letter] Wolpert E, et al. **Psychiatry Res** 1985 Jul;15(3):249–52

[Clinical forms of a protracted course of anaphylactic shock caused by pyrazole preparations] Dmitriev MR, et al. **Klin Med (Mosk)** 1985 Jun;63(6):114–6 **(Rus)**

COMPLICATIONS

Work of breathing in patients with chronic obstructive pulmonary disease in acute respiratory failure. Fleury B, et al. **Am Rev Respir Dis** 1985 Jun;131(6):822-7

The immediate effects of isosorbide dinitrate on right ventricular function in patients with acute hypoxemic respiratory failure. A combined invasive and radionuclide study. Sibbald WJ, et al. **Am Rev Respir Dis** 1985 Jun; 131(6):862-8

Status asthmaticus with acute respiratory failure. Vasquez-Agosto S, et al. **Ann Allergy** 1985 Aug; 55(2):104-5, 130-5

Acute pulmonary fibrosis associated with respiratory failure [letter] Nerlich AG, et al. **Chest** 1985 Jul;88(1):157

Occipital cortical infarction complicating respiratory failure. Frangieh GT, et al. **J Clin Neuro Ophthalmol** 1984 Sep; 4(3):155-8

Pulmonary hypertension and respiratory failure in the development of right ventricular hypertrophy in patients with chronic obstructive airway disease. Louridas G, et al. **Respiration** 1984;46(1):52-60

[Emergency destruction of the bundle of His by endocavitary electric shock. Apropos of a case of refractory supraventricular tachycardia in a respiratory insufficiency patient (letter)] Aliot E, et al. **Presse Med** 1984 Dec 15; 13(45):2765-6 **(Fre)**

[Thrombotic complications originating in the lung in chronic respiratory insufficiency] Angelov A, et al. **Z Erkr Atmungsorgane** 1984;162(3):256-61 (Eng. Abstr.) **(Ger)**

[Chronic polyglobulia in the adult and vascular injuries] Di Lollo F, et al. **Recenti Prog Med** 1985 Mar;76(3):135-8 (Eng. Abstr.) **(Ita)**

[Lesions of the spinal cord and peripheral nerves in cardiopulmonary failure] Martynov IuS, et al. **Zh Nevropatol Psikhiatr** 1984;84(11):1649-54 (Eng. Abstr.) **(Rus)**

[Acute respiratory insufficiency and osteomalacic myopathy: a casual association? (letter)] Agustí AG, et al. **Med Clin (Barc)** 1985 Apr 13;84(14):586 **(Spa)**

CONGENITAL

A newly recognized profile in neonatal lung disease with maternal diabetes. Duara S, et al. **AJR** 1985 Mar; 144(3):529-33

DIAGNOSIS

Transcutaneous CO2 monitoring and disordered breathing during sleep. Midgren B, et al. **Eur J Respir Dis** 1984 Oct; 65(7):521-8

Infantile behavioural regression and respiratory impairment. Lugaresi E, et al. **Neuropediatrics** 1984 Oct;15(4):211-4

[Pneumologic emergency conditions in geriatrics. With special reference to risk factors] Meister R. **Fortschr Med** 1984 Oct 25;102(40):1003-8 (Eng. Abstr.) **(Ger)**

[Recognition, evaluation and treatment of acute respiratory insufficiency] Baur X. **Internist (Berlin)** 1984 Jun; 25(6):367-74 **(Ger)**

[Experiences with oscilloresistometry in addition to spirometry in preoperative function diagnosis in the elderly] Pleger E, et al. **Z Erkr Atmungsorgane** 1984;163(2):146-52 (Eng. Abstr.) **(Ger)**

[Terminal pneumonia--shock lung (validity of diagnosis by evaluating respiratory disorders in children with severe forms of intestinal infections)] Bogadel'nikov IV, et al. **Pediatriia** 1985 Feb;(2):73-4 **(Rus)**

[Total plethysmography in the evaluation of ventilatory insufficiency in chronic pneumonia in children] Shiriaeva IS, et al. **Vestn Akad Med Nauk SSSR** 1985;(6):60-4 (Eng. Abstr.) **(Rus)**

[Thermography in the diagnosis of respiratory insufficiency and peripheral circulatory disorders in bronchial asthma patients] Besedin AV, et al. **Vrach Delo** 1984 Dec;(12):43-5 **(Rus)**

DIET THERAPY

Effect of low calorie intake on abnormal pulmonary physiology in patients with chronic hypercapneic respiratory failure. Tirlapur VG, et al. **Am J Med** 1984 Dec;77(6):987-94

DRUG THERAPY

Effects of aminophylline on diaphragmatic fatigue during acute respiratory failure [letter] Belman MJ. **Am Rev Respir Dis** 1984 Oct;130(4):695

Intralingual naloxone reversal of morphine-induced respiratory depression in dogs. Maio RF, et al. **Ann Emerg Med** 1984 Dec;13(12):1087-91

Early steroid therapy for respiratory failure. Weigelt JA, et al. **Arch Surg** 1985 May;120(5):536-40

Respiratory muscle pharmacotherapy. Aubier M, et al. **Bull Eur Physiopathol Respir** 1984 Sep-Oct;20(5):459-66 (53 ref.)

Cardiorespiratory failure in toxic shock syndrome: effect of dobutamine. Fisher CJ Jr, et al. **Crit Care Med** 1985 Mar; 13(3):160-5

Treatment of acute exacerbation of chronic respiratory failure with doxapram: a case report. Romanic BM, et al. **Del Med J** 1985 May;57(5):323-4

A combination of cefuroxime plus acetylcysteine in the intensive care of patients with respiratory insufficiency. Testasecca D, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Feb;23(2):115-7

The use of endotracheal medication in cardiac emergencies. Greenberg MI. **Resuscitation** 1984 Nov;12(3):155-65

[A possible clinical application of doxapram (Dopram). A new respiratory stimulant] Crawford ME, et al. **Ugeskr Laeger** 1984 Aug 20;146(34):2538-42 (Eng. Abstr.) **(Dan)**

[Long-term (6 months) treatment of chronic bronchitis with respiratory insufficiency using almitrine dimesylate. Double-blind study versus placebo] Paramelle B, et al. **Presse Med** 1984 Oct 4;13(34):2094-8 (Eng. Abstr.) **(Fre)**

[Should arterial gas values be improved in patients with chronic bronchitic respiratory insufficiency? Value of almitrine dimesylate] Prefaut C. **Presse Med** 1984 Oct 4; 13(34):2090-3 (Eng. Abstr.) **(Fre)**

[Protective effect of a thromboxane synthetase inhibitor, OKY-046, in patients with acute respiratory failure] Sakio H, et al. **Masui** 1984 Sep;33(9):964-9 (Eng. Abstr.) **(Jpn)**

ENZYMOLOGY

The role of phospholipase A2 in respiratory failure of acute pancreatitis. Schuppisser JP, et al. **Helv Chir Acta** 1985 Jan;51(6):665-7

ETIOLOGY

A report of two cases of congenital abnormal rightsided high insertion of the diaphragm. Corneillie P, et al. **Acta Chir Belg** 1985 Jan-Feb;85(1):17-24

Respiratory failure and multiple fractures in vitamin D-dependent rickets. Alpan G, et al. **Acta Paediatr Scand** 1985 Mar;74(2):300-4

Retropharyngeal emphysema and acute upper respiratory distress: a complication of mediastinal emphysema. Silfen EZ. **Am J Emerg Med** 1984 Sep;2(5):402-5

Postasphyxial lung disease in newborn infants with severe perinatal acidosis. Thibeault DW, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):393-9

Chronic ventilatory failure caused by abnormal respiratory pattern generation during sleep. Bradley TD, et al. **Am Rev Respir Dis** 1984 Oct;130(4):678-81

Acute respiratory failure caused by primary pulmonary coccidioidomycosis. Two case reports and a review of the literature. Larsen RA, et al. **Am Rev Respir Dis** 1985 May; 131(5):797-9

Marfan's syndrome [letter] Wright IH, et al. **Anaesthesia** 1985 Feb;40(2):206

Respiratory insufficiency after gastrostomy prior to tracheoesophageal fistula repair. Sosis M, et al. **Anesth Analg** 1985 Jul;64(7):748-50

Methemoglobinemia and respiratory failure [letter] Benjamin E, et al. **Anesthesiology** 1985 Apr;62(4):542-3

Respiratory failure secondary to homologous blood transfusion. Ebert JP, et al. **Anesthesiology** 1985 Jul; 63(1):104-6

Tension subcutaneous emphysema. Tonnesen AS, et al. **Anesthesiology** 1985 Jan;62(1):90-2

Kaposi's sarcoma causing pulmonary infiltrates and respiratory failure in the acquired immunodeficiency syndrome. Ognibene FP, et al. **Ann Intern Med** 1985 Apr; 102(4):471-5

Blunt multiple trauma (ISS 36), femur traction, and the pulmonary failure-septic state. Seibel R, et al. **Ann Surg** 1985 Sep;202(3):283-95

Maternal fluid overload during labour; transplacental hyponatraemia and risk of transient neonatal tachypnoea in term infants. Singhi SC, et al. **Arch Dis Child** 1984 Dec; 59(12):1155-8

Fulminant respiratory failure and death in a patient with idiopathic bronchiolitis obliterans. Iannuzzi MC, et al. **Arch Intern Med** 1985 Apr;145(4):733-4

Respiratory failure after cardiac surgery. Behrendt DM. **Arq Bras Cardiol** 1984 Jun;42(6):427-30

Ventilatory control in two asthmatics resuscitated from respiratory arrest [letter] Day TJ. **Aust NZ J Med** 1985 Feb;15(1):82

Acute respiratory insufficiency from psittacosis. van Berkel M, et al. **Br Med J [Clin Res]** 1985 May 18;290(6480):1503-4

Homeostatic alterations with major trauma. Pulmonary dysfunction in trauma. Gelb AW. **Can Anaesth Soc J** 1985 May;32(3 Pt 1):236-8

Hypercalcemia and rapidly progressive respiratory failure. Margolin RJ, et al. **Chest** 1984 Nov;86(5):767-9

Respiratory arrest in an infant with cleft lip [letter] Bergera JJ. **Cleft Palate J** 1985 Jul;22(3):212

Respiratory complications of metatropic dwarfism. Belik J, et al. **Clin Pediatr (Phila)** 1985 Sep;24(9):504-11

Recurrent respiratory failure in premenstrual asthma. Eliasson O, et al. **Conn Med** 1984 Dec;48(12):777-8

Sleep apnea contributing to respiratory failure in the Mounier-Kuhn syndrome. Votto JJ, et al. **Conn Med** 1985 Feb;49(2):73-6

Respiratory distress in children. Broniatowski M. **Ear Nose Throat J** 1985 Jan;64(1):11

Deep neck infections and respiratory distress in children. White B. **Ear Nose Throat J** 1985 Jan;64(1):30-8

Delayed respiratory failure during the treatment of myxedema coma. Yamamoto T. **Endocrinol Jpn** 1984 Dec; 31(6):769-75

Effect of naloxone on arterial gases in chronically obstructed patients with acute respiratory failure. Montserrat JM, et al. **Eur J Respir Dis** 1985 Jan;66(1):77-9

'Unprovoked' respiratory distress in young adult. Wiener RS, et al. **Hosp Pract [Off]** 1985 Jun 15;20(6):110A, 110E-110F

Epidermolysis bullosa letalis in the larynx causing acute respiratory failure: a case presentation and review of the literature. Glossop LP, et al. **Int J Pediatr Otorhinolaryngol** 1984 Jul;7(3):281-8

Respiratory muscle fatigue: a cause of ventilatory failure in septic shock. Hussain SN, et al. **J Appl Physiol** 1985 Jun; 58(6):2033-40

Case report: cardiorespiratory failure due to recurrent pectus excavatum deformity. Moore RA, et al. **J Med Soc NJ** 1985 Jan;82(1):44-6

Polymyositis presenting with respiratory failure. Blumbergs PC, et al. **J Neurol Sci** 1984 Aug;65(2):221-9

Pulmonary thromboemboli after neonatal asphyxia. Arnold J, et al. **J Pediatr** 1985 May;106(5):806-9

Fat overload syndrome causing respiratory insufficiency. Wesson DE, et al. **J Pediatr Surg** 1984 Dec;19(6):777-8

Respiratory function in scoliosis [editorial] **Lancet** 1985 Jan 12;1(8420):84-5

Respiratory failure in amyotrophic lateral sclerosis. Daras M, et al. **NY State J Med** 1984 Nov;84(11):570-2

Respiratory arrest during therapy for premature labor in a patient with myasthenia gravis. Catanzarite VA, et al. **Obstet Gynecol** 1984 Dec;64(6):819-22

Asphyxiating thoracic dystrophy of the newborn. Sharma S. **Papua New Guinea Med J** 1983 Sep-Dec;26(3-4):235-8

Motor neuron disease presenting with respiratory failure. Report of two cases. Massey EW, et al. **Postgrad Med** 1984 Dec;76(8):216-8

A case of attempted suicide by self-hanging. Braye SG, et al. **Resuscitation** 1985 Mar;12(4):247-51

Pulmonary disease in polymyositis/dermatomyositis. Dickey BF, et al. **Semin Arthritis Rheum** 1984 Aug;14(1):60-76 (161 ref.)

Mechanical ventilation for acute postoperative respiratory failure after surgery for bronchial carcinoma. Hirschler-Schulte CJ, et al. **Thorax** 1985 May;40(5):387-90

Pulmonary changes in congenital heart disease with Down's syndrome: their significance as a cause of postoperative respiratory failure. Yamaki S, et al. **Thorax** 1985 May; 40(5):380-6

[Respiratory insufficiency in myasthenia gravis] Kuks JB, et al. **Ned Tijdschr Geneeskd** 1985 May 25;129(21):996-1000 (Eng. Abstr.) **(Dut)**

[Massive traumatic hemoptysis] Bourdereau JM, et al. **Ann Fr Anesth Reanim** 1985;4(3):308-9 (Eng. Abstr.) **(Fre)**

[Acute postoperative respiratory distress. A rare cause: volvulus of a hiatal hernia] Conil C, et al. **Cah Anesthesiol** 1984 Mar;32(2):145-7 **(Fre)**

[Acute pneumopathy during anesthesia caused by undiscovered inhalation of digestive juice] Garnier D, et al. **Cah Anesthesiol** 1984 Nov;32(7):563-8 **(Fre)**

[Acute respiratory distress syndrome after transfusion of blood with leukocytes removed] Jullien AM, et al. **Cah Anesthesiol** 1984 Mar;32(3):213-8 **(Fre)**

[Acute epiglottitis in an adult] Racle JP, et al. **Cah Anesthesiol** 1985 Apr-May;33(3):263-4 **(Fre)**

[Talc pleurodesis. Treatment without danger? (letter)] Chastre J, et al. **Presse Med** 1985 Jun 1;14(22):1248 **(Fre)**

[Delayed respiratory depression after epidural morphine] Eldor J, et al. **Harefuah** 1985 May 1;108(9):441-3 (Eng. Abstr.) **(Heb)**

[Abnormal left pulmonary artery: a cause of severe newborn cardiorespiratory insufficiency] Carano N, et al. **Pediatr Med Chir** 1984 Sep-Oct;6(5):617-20 (Eng. Abstr.) **(Ita)**

[A case of intractable pulmonary infection due to Mycobacterium fortuitum resulting in respiratory failure] Miyachi S, et al. **Kekkaku** 1985 Apr;60(4):277-81 (Eng. Abstr.) **(Jpn)**

[Experimental study of respiratory failure with acute pancreatitis in dogs] Takeda K, et al. **Nippon Geka Gakkai Zasshi** 1985 Jun;86(6):717-24 (Eng. Abstr.) **(Jpn)**

[Respiratory failure in pneumonia of aged patients] Kida K. **Nippon Ronen Igakkai Zasshi** 1984 Sep;21(5):413-9 (Eng. Abstr.) **(Jpn)**

[Respiratory failure in elderly patients with chronic obstructive pulmonary disease] Kishi F, et al. **Nippon Ronen Igakkai Zasshi** 1984 Sep;21(5):403-7 (Eng. Abstr.) **(Jpn)**

[Force-velocity relationship in normal and chronic obstructive subjects] Sasaki H. **Nippon Ronen Igakkai Zasshi** 1984 Sep;21(5):420-4 (Eng. Abstr.) **(Jpn)**

[Respiratory failure in the elderly (fibrosing lung disease)] Tomita T, et al. **Nippon Ronen Igakkai Zasshi** 1984 Sep; 21(5):408-12 (Eng. Abstr.) **(Jpn)**

[Complications of chronic compression of the trachea] Gasiorek T, et al. **Pol Tyg Lek** 1984 May 14;39(20):689-91 (Eng. Abstr.) **(Pol)**

[Various mechanisms of respiratory insufficiency after oncosurgical operations on the abdominal organs] Khodzhaev VG, et al. **Anesteziol Reanimatol** 1985 Jan-Feb;

(1):9–11 (Eng. Abstr.) **(Rus)**

[Pathogenesis of respiratory insufficiency in patients with acute renal failure treated by hemodialysis] Neĭmark MI. **Anesteziol Reanimatol** 1985 Jan–Feb;(1):30–4 (Eng. Abstr.) **(Rus)**

[Clinico-physiological aspects of postoperative respiratory insufficiency in elderly patients] Zil'ber AP. **Anesteziol Reanimatol** 1985 Jan–Feb;(1):29–30 **(Rus)**

[Respiratory function in workers engaged in the manufacture of graphite articles] Gladkova EV, et al. **Gig Tr Prof Zabol** 1984 Aug;(8):31–4 (Eng. Abstr.) **(Rus)**

[Vascular component in the pathogenesis of lung failure in acute pancreatitis patients] Gul'man MI, et al. **Vestn Khir** 1984 Oct;133(10):49–52 (Eng. Abstr.) **(Rus)**

[Acute tuberculous pneumonia and acute respiratory insufficiency (letter)] Javaloyas M, et al. **Med Clin (Barc)** 1985 Mar 9;84(9):373 **(Spa)**

METABOLISM

Macrolide antibiotics and serum theophylline levels in relation to the severity of respiratory impairment: a comparison between the effects of erythromycin and josamycin. Bartolucci L, et al. **Chemioterapia** 1984 Oct;3(5):286–90

Bioavailability and diuretic effect of furosemide during long-term treatment of chronic respiratory failure. Ogata H, et al. **Eur J Clin Pharmacol** 1985;28(1):53–9

Value of nocturnal monitoring of transcutaneous O2 and CO2 pressures in adults with respiratory failure. Brambilla I, et al. **Respiration** 1985;48(1):81–90

MORTALITY

Dangers of orphenadrine in psychiatric patients [letter] Sangster B. **Lancet** 1985 Aug 3;2(8449):280

PATHOLOGY

Amyotrophic lateral sclerosis presenting with respiratory insufficiency as the primary complaint. Clinicopathological study of a case. Meyrignac C, et al. **Eur Neurol** 1985;24(2):115–20

Clinico-pathologic conference: 60-year-old man with weakness and respiratory failure. Kincaid J, et al. **Indiana Med** 1985 Jun;78(6):503–8

[Spontaneous pneumothorax and respiratory failure] Benusiglio LN, et al. **Schweiz Med Wochenschr** 1985 May 11;115(19):659–64 **(Fre)**

[Histomorphologic lung findings in long-term artificial respiration with special reference to extreme continuous artificial respiration using pure oxygen] Ritter C, et al. **Z Rechtsmed** 1985;94(1):41–9 (Eng. Abstr.) **(Ger)**

[Histopathology of postoperative respiratory failure in congenital heart disease with Down's syndrome] Yamaki S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Sep;32(9):1308–15 (Eng. Abstr.) **(Jpn)**

[Electron-microscopy study of the lungs in acute experimental respiratory insufficiency treated by extracorporeal membrane oxygenation] Erokhin VV, et al. **Probl Tuberk** 1984 Dec;(12):57–60 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Regional cerebral blood flow and CSF pressures during Cushing response induced by a supratentorial expanding mass. Schrader H, et al. **Acta Neurol Scand** 1985 Jun;71(6):453–63

Effects of vasodilators on canine cardiopulmonary function when a decrease in cardiac output complicates an increase in right ventricular afterload. Ghignone M, et al. **Am Rev Respir Dis** 1985 Apr;131(4):527–30

Noninvasive determination of respiratory system mechanics during mechanical ventilation for acute respiratory failure. Gottfried SB, et al. **Am Rev Respir Dis** 1985 Mar;131(3):414–20

Measurement of static compliance of the total respiratory system in patients with acute respiratory failure during mechanical ventilation. The effect of intrinsic positive end-expiratory pressure. Rossi A, et al. **Am Rev Respir Dis** 1985 May;131(5):672–7

Differential ventilation and selective positive end-expiratory pressure: effects on patients with acute bilateral lung disease. Baehrendtz S, et al. **Anesthesiology** 1984 Nov;61(5):511–7

Ventilatory control in two asthmatics resuscitated from respiratory arrest. Olson LG, et al. **Aust NZ J Med** 1984 Jun;14(3):231–8

Intrapulmonary shunt is not increased by 100% oxygen ventilation in acute respiratory failure. Lemaire F, et al. **Bull Eur Physiopathol Respir** 1985 May–Jun;21(3):251–6

Ventilatory muscle fatigue governs breathing frequency. Roussos C. **Bull Eur Physiopathol Respir** 1984 Sep–Oct;20(5):445–51

Electrophysiologic evaluation of phrenic nerves in severe respiratory insufficiency requiring mechanical ventilation. Moorthy SS, et al. **Chest** 1985 Aug;88(2):211–4

The influence of an end-inspiratory pause on gas exchange and central haemodynamics in patients with acute respiratory failure. Baehrendtz S. **Clin Physiol** 1985;5 Suppl 3:93–8

Mean airway pressure vs. positive end-expiratory pressure during mechanical ventilation. Pesenti A, et al. **Crit Care Med** 1985 Jan;13(1):34–7

Single-breath measurement of lung mechanics in very low birth weight infants. Thomson A, et al. **Crit Care Med** 1985 Jan;13(1):4–8

Pulmonary physiologic response to central venous administration of hemorrhagic pancreatic ascitic fluid in a porcine model. Williams RS, et al. **Curr Surg** 1984 Sep–Oct;41(5):362–5

Pulmonary function studies in myasthenia gravis. Jain S, et al. **Indian J Med Res** 1984 Jun;79:806–12

Inverse ratio ventilation compared with PEEP in adult respiratory failure. Cole AG, et al. **Intensive Care Med** 1984;10(5):227–32

Respiratory mechanics in mechanically ventilated patients with respiratory failure. Rossi A, et al. **J Appl Physiol** 1985 Jun;58(6):1849–58

Evidence of motor neuron involvement in chronic respiratory insufficiency. Valli G, et al. **J Neurol Neurosurg Psychiatry** 1984 Oct;47(10):1117–21

The Guillain-Barré syndrome: pulmonary-neurologic correlations. Sunderrajan EV, et al. **Medicine (Baltimore)** 1985 Sep;64(5):333–41

Respiratory failure in the newborn infant. Mounla NA. **Middle East J Anaesthesiol** 1984 Feb;7(4):261–5

The clinical status of hypophosphatemia: an update [editorial] Knochel JP. **N Engl J Med** 1985 Aug 15;313(7):447–9

[Pulmonary arterial pressure and shunt in pigs in experimental hypoxia. I. Dynamics of pulmonary arterial pressure in pigs with hypoxic respiratory failure] Zhong NS. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1985 Apr;8(2):78–80, 125 (Eng. Abstr.) **(Chi)**

[Study of organ function in patients with acute respiratory failure after shock] Kazda A, et al. **Cas Lek Cesk** 1985 Jan 4;124(1):22–6 (Eng. Abstr.) **(Cze)**

[Artificial respiration and kidney function disorder—a vicious circle?] Steinhoff HH. **Anaesthesist** 1985 Apr;34(4):163–73 (83 ref.) (Eng. Abstr.) **(Ger)**

[Hemocoagulative aspects in chronic respiratory insufficiency] Quartarone M, et al. **G Clin Med** 1985 Jan–Feb;66(1–2):63–7 (Eng. Abstr.) **(Ita)**

[The effects of intravenous lidocaine on hemodynamics—comparisons among patients anesthetized with halothane, those with nitrous oxide-fentanyl, and the patients with acute pulmonary insufficiency] Dohi S, et al. **Masui** 1984 Jul;33(7):725–30 (Eng. Abstr.) **(Jpn)**

[Abnormal breathing during sleep in patients with chronic respiratory failure] Ohi M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar;23(3):296–301 (Eng. Abstr.) **(Jpn)**

[Respiratory insufficiency in elderly persons—disturbance in pulmonary circulation] Iwasaki S. **Nippon Ronen Igakkai Zasshi** 1984 Sep;21(5):425–30 (Eng. Abstr.) **(Jpn)**

[Interrelation of cardiodynamics and pulmonary gas exchange in an experimental model of the acute respiratory failure syndrome] Rogatskiĭ GG. **Biull Eksp Biol Med** 1984 Sep;98(9):273–5 (Eng. Abstr.) **(Rus)**

[Molecular and cellular mechanisms of compensation for respiratory failure in nonspecific lung diseases] Landyshev SIu, et al. **Ter Arkh** 1985;57(3):112–5 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Relationship of prospective diabetes control in pregnancy to neonatal cardiorespiratory function. Reller MD, et al. **J Pediatr** 1985 Jan;106(1):86–90

Efficacy of theophylline for prevention of post-extubation respiratory failure in very low birth weight infants. Viscardi RM, et al. **J Pediatr** 1985 Sep;107(3):469–72

[Prevention of lung complications in mitral valve prosthesis] Khurtsilava SG, et al. **Anesteziol Reanimatol** 1985 Mar–Apr;(2):12–5 (Eng. Abstr.) **(Rus)**

SURGERY

Surgical palliation of respiratory insufficiency secondary to massive exuberant polyostotic fibrous dysplasia of the ribs. King RM, et al. **Ann Thorac Surg** 1985 Feb;39(2):185–7

Endoscopic laser therapy for respiratory distress due to obstructive airway tumors. Dedhia HV, et al. **Crit Care Med** 1985 Jun;13(6):464–7

Sequential bilateral lung transplantation for paraquat poisoning. A case report. The Toronto Lung Transplant group. **J Thorac Cardiovasc Surg** 1985 May;89(5):734–42

THERAPY

A complete system for transportation of critically ill patients with acute cardiorespiratory failure. Vincent JL, et al. **Acute Care** 1983–84;10(1):33–5

High-frequency ventilation. Ackerman NB Jr, et al. **Adv Pediatr** 1984;31:259–93

Management of respiratory failure in infants with acute viral bronchiolitis. Outwater KM, et al. **Am J Dis Child** 1984 Nov;138(11):1071–5

Inspiratory muscle resistive training in respiratory failure. Aldrich TK, et al. **Am Rev Respir Dis** 1985 Mar;131(3):461–2

Koenig's tracheostomy tube; neglected but still useful [letter] Hollis N. **Anaesthesia** 1985 Jul;40(7):705–6

Asynchronous independent lung ventilation. Its use in the treatment of acute unilateral lung disease. Stow PJ, et al. **Anaesthesia** 1985 Feb;40(2):163–6

Inability to titrate PEEP in patients with acute respiratory failure using end-tidal carbon dioxide measurements. Jardin F, et al. **Anesthesiology** 1985 Apr;62(4):530–3

Venovenous perfusion in ECMO for newborn respiratory insufficiency. A clinical comparison with venoarterial perfusion. Klein MD, et al. **Ann Surg** 1985 Apr;201(4):520–6

Respiratory monitoring: current techniques and some new developments. Eberhart RC, et al. **Bull Eur Physiopathol Respir** 1985 May–Jun;21(3):295–300 (36 ref.)

Differential ventilation in acute respiratory failure. Indications and outcome. Hedenstierna G, et al. **Bull Eur Physiopathol Respir** 1985 May–Jun;21(3):281–5 (44 ref.)

Ventilatory support for pulmonary failure of the head trauma patient. Hemmer M. **Bull Eur Physiopathol Respir** 1985 May–Jun;21(3):287–93 (78 ref.)

Mechanical assistance in chronic respiratory insufficiency due to neuromuscular disease. Yernault JC. **Bull Eur Physiopathol Respir** 1984 Sep–Oct;20(5):467–70

Biofeedback and hypnosis in weaning from mechanical ventilators. LaRiccia PJ, et al. **Chest** 1985 Feb;87(2):267–9

Acute myocardial infarction complicated by left ventricular dysfunction and respiratory failure. The effects of continuous positive airway pressure. Räsänen J, et al. **Chest** 1985 Feb;87(2):158–62

Combined use of high-frequency jet ventilation and induced hypothermia in the treatment of refractory respiratory failure. Hurst JM, et al. **Crit Care Med** 1985 Sep;13(9):771–2

Cardiorespiratory function before and after chest physiotherapy in mechanically ventilated patients with post-traumatic respiratory failure. Mackenzie CF, et al. **Crit Care Med** 1985 Jun;13(6):483–6

Prolonged use of high-frequency jet ventilation for a pediatric patient. Tilden SJ, et al. **Crit Care Med** 1985 Jun;13(6):508–9

Differential ventilation in bilateral lung disease. Hedenstierna G. **Eur J Anaesthesiol** 1985 Mar;2(1):1–10

Multidisciplinary approach to extracorporeal respiratory assist for acute pulmonary failure. Solca M, et al. **Int Surg** 1985 Jan–Mar;70(1):9–11

Differential ventilation with selective PEEP in bilateral lung disease. Frostell C, et al. **Intensive Care Med** 1984;10(5):265–7

Mouth occlusion pressure (P0.1) in acute respiratory failure. Herrera M, et al. **Intensive Care Med** 1985;11(3):134–9

Clinical applications of high-frequency jet ventilation. Vincken W, et al. **Intensive Care Med** 1984;10(6):275–80

Lower body positive pressure vs. dopamine during PEEP in humans. Payen DM, et al. **J Appl Physiol** 1985 Jan;58(1):77–82

The early evaluation of survivors after extracorporeal membrane oxygenation for neonatal pulmonary failure. Krummel TM, et al. **J Pediatr Surg** 1984 Oct;19(5):585–90

Treatment of respiratory failure: a review. MacNee W. **J R Soc Med** 1985 Jan;78(1):61–71 (95 ref.)

Treatment of respiratory failure [letter] Nassar ME. **J R Soc Med** 1985 Jul;78(7):605

Differential mechanical ventilation in respiratory failure due to severe unilateral lung disease. Parish JM, et al. **Mayo Clin Proc** 1984 Dec;59(12):822–8

Emergency pediatrics. Priorities and stabilization. Barkin RM. **Primary Care** 1984 Sep;11(3):419–30

Chest radiographic findings in neonates on extracorporeal membrane oxygenation. Hall JA Jr, et al. **Radiology** 1985 Oct;157(1):75–7

Problems before, during and after mechanical ventilation in chronic bronchitis and emphysema. Flenley DC. **Schweiz Med Wochenschr** 1985 Feb 9;115(6):186–9

Flow characteristics of Kolobow system for extracorporeal CO2 removal (ECCO2R). Ladowski JS, et al. **Trans Am Soc Artif Intern Organs** 1984;30:635–8

[Experiences with oxygen therapy in respiratory failure patients with chronic pulmonary heart disease] Ni ZY. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chi** 1984 Jun;7(3):170–2, 192 (Eng. Abstr.) **(Chi**

[Emergency use of intratracheal intubation under fiber bronchoscopy] Zhou X. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chi** 1984 Oct;7(5):302 **(Chi**

[Clinical application of prolonged nasotracheal intubation for the management of acute respiratory failure] Zhou X. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chi** 1984 Apr;7(2):80–1 (Eng. Abstr.) **(Chi**

[Prospects for therapy of acute respiratory insufficiency by extracorporeal circulation] Gille JP. **Ann Fr Anesth Reanim** 1985;4(4):329–32 **(Fr**

[Oxygen therapy and artificial respiration at home for severe chronic respiratory insufficiency] Laroche C. **Bull Acad Natl Med (Paris)** 1984 Dec;168(9):1073–5 **(Fr**

[Home oxygen therapy and ventilation in chronic respiratory insufficiency. Results of a regional experience] Molina C, et al. **Bull Acad Natl Med (Paris)** 1984 May–Jun;168(5–6):561–7 **(Fr**

[Effect of artificial ventilation with an end-expiratory plateau on gas exchange amd hemodynamics in chronic respiratory failure] Battistella P, et al. **Bull Eur Physiopathol Resp** 1985 May–Jun;21(3):243–50 (Eng. Abstr.) **(Fr**

[Indwelling transtracheal sound for oxygen administration in the patient with hypoxic chronic respiratory insufficiency] Bugnas B, et al. **Presse Med** 1984 Oct 1

13(36):2207-8 (Eng. Abstr.) **(Fre)**

[Long-term treatment of chronic respiratory insufficiency using endotracheal ventilation at home in 118 tracheotomy patients] Bertrand A, et al. **Rev Mal Respir** 1985;2(2):91-5 (Eng. Abstr.) **(Fre)**

[Respiratory insufficiency and long-term oxygen therapy at home] Bartsch P. **Rev Med Liege** 1985 Apr 15;40(8):307-13 **(Fre)**

[Mechanical ventilation in acute decompensation in chronic obstructive bronchopneumopathy] Chevrolet JC. **Schweiz Med Wochenschr** 1985 Feb 9;115(6):178-81 (Eng. Abstr.) **(Fre)**

[Malfunction of equipment by the addition of a bacterial filter in the expiratory branch of the respiratory circuit] Geyer A, et al. **Anaesthesist** 1985 Mar;34(3):129-33 (Eng. Abstr.) **(Ger)**

[Pulmonary function during a 10-day successful extracorporeal CO2 elimination in acute respiratory failure. Case report] Thies WR, et al. **Anaesthesist** 1985 Apr; 34(4):197-202 (Eng. Abstr.) **(Ger)**

[Significance of oxygen hyperventilation in bronchofiberscopy in intensive medicine] Maroske D, et al. **Anasth Intensivther Notfallmed** 1984 Oct;19(5):253-7 (Eng. Abstr.) **(Ger)**

[Long-term oxygen therapy versus intermittent oxygen therapy (letter)] **Dtsch Med Wochenschr** 1985 Aug 23; 110(34):1311 **(Ger)**

[High-frequency ventilation] Széll K. **Orv Hetil** 1985 Jan 6;126(1):25-8 (Eng. Abstr.) **(Hun)**

[Use of electrocautery during fiber optic bronchoscopy in neoplastic destruction of the tracheobronchial tree] Frizzelli R, et al. **Acta Biomed Ateneo Parmense** 1985; 56(2):73-81 (Eng. Abstr.) **(Ita)**

[Postoperative treatment of lung cancer associated with severe respiratory dysfunction--weaning from the ventilator by high frequency jet ventilation] Orita H, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Oct; 32(10):1857-63 (Eng. Abstr.) **(Jpn)**

[Respiratory care of acute respiratory failure due to respiratory infection] Tanimoto H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Feb; 23(2):176-82 (Eng. Abstr.) **(Jpn)**

[Evaluation of the treatment of respiratory insufficiency in newborn infants by mechanical ventilation] Grzywna W, et al. **Pediatr Pol** 1984 Jun;59(6):471-7 (Eng. Abstr.) **(Pol)**

[Methods of intensive therapy in respiratory insufficiency in newborn infants] Rondio Z, et al. **Pediatr Pol** 1984 Dec; 59(12):991-7 (Eng. Abstr.) **(Pol)**

[Changes in blood gas composition and acid-base equilibrium during high-frequency artificial pulmonary ventilation] Atakhanov ShE. **Anesteziol Reanimatol** 1984 Jul-Aug; (4):14-7 (Eng. Abstr.) **(Rus)**

[Long-term extracorporeal membrane oxygenation in children with acute respiratory insufficiency] Borodachev AV, et al. **Anesteziol Reanimatol** 1985 Jan-Feb;(1):62-5 (24 ref.) **(Rus)**

[Prediction of the immediate results of critical care of patients in intensive care units] Ivanov GG, et al. **Anesteziol Reanimatol** 1984 Nov-Dec;(6):47-50 (Eng. Abstr.) **(Rus)**

[Method of spontaneous positive pressure breathing in the treatment of acute respiratory insufficiency in the children's department of the central district hospital] Ivanov LN. **Pediatriia** 1984 Aug;(8):56-7 **(Rus)**

[Use of a membrane oxygenator for elimination of CO2 in acute respiratory insufficiency] Demidova OV, et al. **Probl Tuberk** 1985;(1):64-8 (Eng. Abstr.) **(Rus)**

[Oxygen therapy of respiratory insufficiency in patients with pulmonary tuberculosis] Ershov AI, et al. **Probl Tuberk** 1984 Dec;(12):40-5 (Eng. Abstr.) **(Rus)**

[Various resuscitation aspects of extrapulmonary membrane oxygenation] Skorik VI. **Vestn Khir** 1985 Mar;134(3):104-7 **(Rus)**

[Prolonged oxygen therapy of inpatients with chronic respiratory insufficiency] Mayer M. **Bratisl Lek Listy** 1984 Sep;82(3):1094-103 (Eng. Abstr.) **(Slo)**

[Physiotherapy in severe respiratory insufficiency] Giménez M, et al. **Med Clin (Barc)** 1984 Nov 17;83(16):683-8 **(Spa)**

VETERINARY

Dexamethasone and indomethacin modify endotoxin-induced respiratory failure in pigs. Olson NC, et al. **J Appl Physiol** 1985 Jan;58(1):274-84

RESPIRATORY PARALYSIS

CHEMICALLY INDUCED

Postoperative rigidity following sufentanil administration. Goldberg M, et al. **Anesthesiology** 1985 Aug;63(2):199-201

Effects of paralysis with pancuronium on chest wall statics in awake humans. Kimball WR, et al. **J Appl Physiol** 1985 May;58(5):1638-45

DIAGNOSIS

[EMG method in assessing diaphragmatic paralysis in a miner as an occupational disease] Oral I, et al. **Z Erkr Atmungsorgane** 1984;162(3):244-8 (Eng. Abstr.) **(Ger)**

[Kofferath's syndrome in a 4-week-old infant] Kopyść Z, et al. **Pediatr Pol** 1984 Jun;59(6):493-5 **(Pol)**

[Value of the electrophysiologic study of the diaphragm in the diagnosis of phrenic paralysis (letter)] Martínez Pérez J, et al. **Med Clin (Barc)** 1985 Apr 30;84(16):674 **(Spa)**

ETIOLOGY

Postoperative phrenic nerve palsy in patients with open-heart surgery. Markand ON, et al. **Ann Thorac Surg** 1985 Jan; 39(1):68-73

Phrenic nerve injury complicating closed cardiovascular surgical procedures for congenital heart disease. Zhao HX, et al. **Ann Thorac Surg** 1985 May;39(5):445-9

Diaphragmatic paralysis due to spinal muscular atrophy. An unrecognised cause of respiratory failure in infancy? McWilliam RC, et al. **Arch Dis Child** 1985 Feb;60(2):145-9

Diaphragmatic paralysis due to spinal muscular atrophy [letter] Murphy NP, et al. **Arch Dis Child** 1985 May; 60(5):495

Diaphragmatic paralysis following chiropractic manipulation of the cervical spine. Heffner JE. **Arch Intern Med** 1985 Mar;145(3):562-4

Severe diaphragm weakness in multiple sclerosis. Cooper CB, et al. **Thorax** 1985 Aug;40(8):633-4

Neuralgic amyotrophy with bilateral diaphragmatic palsy. Graham A, et al. **Thorax** 1985 Aug;40(8):635-6

[Incomplete paralysis of the striated musculature, respiratory paralysis and complete gastrointestinal atony in a youthful patient following a canned fish meal] Heck I, et al. **Internist (Berlin)** 1984 Aug;25(8):514-6 **(Ger)**

PATHOLOGY

[2 cases of diaphragmatic pathology] Didilescu C, et al. **Rev Ig [Pneumoftiziol]** 1984 Oct-Dec;33(4):379-84 (Eng. Abstr.) **(Rum)**

PHYSIOPATHOLOGY

Ultrasound monitoring of diaphragm activity in bilateral diaphragmatic paralysis. Ambler R, et al. **Arch Dis Child** 1985 Feb;60(2):170-2

Bilateral diaphragm weakness. Spiteri MA, et al. **Thorax** 1985 Aug;40(8):631-2

RADIOGRAPHY

[Roentgen diagnosis of postoperative intrathoracic complications of acute appendicitis] Polezhaev VG, et al. **Klin Khir** 1985 Apr;(4):36-7 (Eng. Abstr.) **(Rus)**

SURGERY

A case of neonatal bilateral diaphragmatic paralysis requiring surgery. Bowman ED, et al. **Aust Paediatr J** 1984 Nov; 20(4):331-2

Results of diaphragmatic plication for unilateral diaphragmatic paralysis. Wright CD, et al. **J Thorac Cardiovasc Surg** 1985 Aug;90(2):195-8

THERAPY

Positive-pressure breathing vs. incentive spirometry [letter] Moorthy SS, et al. **Crit Care Med** 1985 May;13(5):448-9

Diaphragm pacing in the treatment of ventilatory failure. Kotzé PL, et al. **S Afr Med J** 1985 Aug 17;68(4):223-4

RESPIRATORY PROTECTIVE DEVICES see under **PROTECTIVE DEVICES**

RESPIRATORY SOUNDS

Interference of cardiovascular sounds with phonopneumography in children. Pasterkamp H, et al. **Am Rev Respir Dis** 1985 Jan;131(1):61-4

Congenital laryngeal stridor (laryngomalacia): etiologic factors and associated disorders. Belmont JR, et al. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):430-7

Respiratory symptoms in Tasmanian adolescents: a follow up of the 1961 birth cohort. Giles GG, et al. **Aust NZ J Med** 1984 Oct;14(5):631-7

Stridor in childhood. McBride JT. **J Fam Pract** 1984 Dec; 19(6):782-90

The prevalence and natural history of wheezing in early childhood. Strachan DP. **J R Coll Gen Pract** 1985 Apr; 35(273):182-4

Clinical pharmacology of the wheezing infant. Eigen H. **Pediatr Ann** 1985 Apr;14(4):325-6, 328-9, 331

[Hemodynamics of acute myocardial infarct. VI. Comparison of findings of rales and gallop] Stejfa M, et al. **Vnitr Lek** 1984 Nov;30(11):1106-12 (Eng. Abstr.) **(Cze)**

[Wheezing? Whistling? Breathing with a whistling sound? Study of the word 'siler' in medical terminology] Cloutier-Beaudry G, et al. **Union Med Can** 1985 May; 114(5):428-30 **(Fre)**

[Asthma and infection Part. III. Examination of wheezy infants and young children for allergy] Nagayama Y, et al. **Arerugi** 1984 Nov;33(11):921-33 (Eng. Abstr.) **(Jpn)**

[Use of phonopulmonary signals in diagnostics in the bronchopulmonary system] Šimáček I, et al. **Bratisl Lek Listy** 1985 Jul;84(1):88-93 (Eng. Abstr.) **(Slo)**

CLASSIFICATION

Analysis and automatic classification of breath sounds. Cohen A, et al. **IEEE Trans Biomed Eng** 1984 Sep;31(9):585-90

[Polarity of crackle waveforms: a new index for crackle differentiation] Matsuzaki M. **Hokkaido Igaku Zasshi** 1985 Jan;60(1):104-13 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

The wheezy child. Foucard T. **Acta Paediatr Scand** 1985 Mar;74(2):172-8 (49 ref.)

Home recording of peak expiratory flow rates and perception of asthma. Sly PD, et al. **Am J Dis Child** 1985 May; 139(5):479-82

The effect of anticholinergic treatment on postexertional wheezing in asthma studied by phonopneumography and spirometry. Pasterkamp H, et al. **Am Rev Respir Dis** 1985 Jul;132(1):16-21

Evaluation of lung sounds by telephone. Bhat K, et al. **Ann Allergy** 1985 Feb;54(2):109-11

Quantitation of wheezing in acute asthma. Baughman RP, et al. **Chest** 1984 Nov;86(5):718-22

ETIOLOGY

Radiological case of the month. Stridor due to double-aortic-arch anomaly. Chan TS, et al. **Am J Dis Child** 1985 Oct;139(10):1047-8

Stridor due to radiotransparent esophageal foreign body. Nussbaum E, et al. **Am J Dis Child** 1984 Nov; 138(11):1081-3

Nebulised sodium cromoglycate in recurrently wheezy preschool children. Cogswell JJ, et al. **Arch Dis Child** 1985 Aug;60(8):736-8

Wheezing presenting in general practice. Strachan DP. **Arch Dis Child** 1985 May;60(5):457-60

Chlorothiazide relieves asthmatic wheezing [letter] Odend'hal S. **Chest** 1985 Mar;87(3):411-2

Reactive airway disorders in children. Role of respiratory virus infections. Glezen WP. **Clin Chest Med** 1984 Dec; 5(4):635-43 (87 ref.)

Stridor caused by vocal cord malfunction associated with emotional factors. Kattan M, et al. **Clin Pediatr (Phila)** 1985 Mar;24(3):158-60

Anatomic abnormalities of the pediatric airway. Richardson MA, et al. **Ear Nose Throat J** 1985 Jan;64(1):47-60 (27 ref.)

Bacterial tracheitis and the child with inspiratory stridor. Jevon T, et al. **J Fam Pract** 1985 Feb;20(2):195-6, 199

Two cases of vallecular cyst presenting with acute stridor. Albert DM, et al. **J Laryngol Otol** 1985 Apr;99(4):421-5

Bronchiolitis and recurrent wheezing [letter] Welliver R. **Pediatrics** 1985 Mar;75(3):614-5

[Life-threatening stridor due to a congenital laryngeal cyst] Tveterås K, et al. **Ugeskr Laeger** 1985 Apr 29;147(18):1482 (Eng. Abstr.) **(Dan)**

[Stridors. Diagnosis of noisy breathing in infants] Desnos J. **Ann Pediatr (Paris)** 1984 Dec;31(11):921-36 (10 ref.) (Eng. Abstr.) **(Fre)**

[Assessment of stridor and tracheal stenosis in the neonate and infant] Klos I, et al. **Prax Klin Pneumol** 1984 Jul; 38(7):295-300 (Eng. Abstr.) **(Ger)**

[Rales in the experimentally induced edematous lung in dogs] Minami Y, et al. **Kokyu To Junkan** 1985 Mar;33(3):319-24 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

Lung sounds. Loudon R, et al. **Am Rev Respir Dis** 1984 Oct; 130(4):663-73 (96 ref.)

Lung sound analysis for continuous evaluation of airflow obstruction in asthma. Baughman RP, et al. **Chest** 1985 Sep;88(3):364-8

Automated spectral characterization of wheezing in asthmatic children. Fenton TR, et al. **IEEE Trans Biomed Eng** 1985 Jan;32(1):50-5

Normal pulmonary function measurements and airway reactivity in childhood after mild bronchiolitis. McConnochie KM, et al. **J Pediatr** 1985 Jul;107(1):54-8

The effect of low density gas breathing on vesicular lung sounds. Austrheim O, et al. **Respir Physiol** 1985 May; 60(2):145-55

VETERINARY

Differential diagnosis of equine respiratory noises. Gerring EL. **In Pract** 1985 Jul;7(4):109-17

Tracheal collapse in two cats. Hendricks JC, et al. **J Am Vet Med Assoc** 1985 Aug 15;187(4):418-9

[Definition of the principal deficiency, 'laryngeal wheeze', based on laryngoscopic mass screening of warm-blooded horses] Detlef E, et al. **Berl Munch Tierarztl Wochenschr** 1985 Feb 1;98(2):57-60 (Eng. Abstr.) **(Ger)**

RESPIRATORY SYNCYTIAL VIRUSES

Identification of respiratory virus antigens in middle ear fluids of children with acute otitis media. Sarkkinen H, et al. **J Infect Dis** 1985 Mar;151(3):444-8

ANALYSIS

Respiratory syncytial virus polypeptides. IV. The oligosaccharides of the glycoproteins. Gruber C, et al.

J Gen Virol 1985 Mar;66 (Pt 3):417–32

Purification and characterization of the respiratory syncytial virus fusion protein. Walsh EE, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):409–15

Antigenic and structural variation in the major nucleocapsid protein of respiratory syncytial virus. Ward KA, et al. **J Gen Virol** 1984 Oct;65 (Pt 10):1749–57

Characterization of the 10 proteins of human respiratory syncytial virus: identification of a fourth envelope–associated protein. Huang YT, et al. **Virus Res** 1985 Mar;2(2):157–73

DRUG EFFECTS

The disinfection of respiratory syncytial virus by isopropanol and a chlorhexidine–detergent handwash. Platt J, et al. **J Hosp Infect** 1985 Mar;6(1):89–94

GENETICS

Nucleotide sequence of the respiratory syncytial virus phosphoprotein gene. Lambden PR. **J Gen Virol** 1985 Jul; 66 (Pt 7):1607–12

The envelope–associated 22K protein of human respiratory syncytial virus: nucleotide sequence of the mRNA and a related polytranscript. Collins PL, et al. **J Virol** 1985 Apr; 53(4):65–71

Transcriptional mapping of human respiratory syncytial virus. Dickens LE, et al. **J Virol** 1984 Nov;52(2):364–9

mRNA sequence of three respiratory syncytial virus genes encoding two nonstructural proteins and a 22K structural protein. Elango N, et al. **J Virol** 1985 Jul;55(1):101–10

Sequence analysis of the respiratory syncytial virus phosphoprotein gene. Satake M, et al. **J Virol** 1984 Dec; 52(3):991–4

Respiratory syncytial virus fusion glycoprotein: nucleotide sequence of mRNA, identification of cleavage activation site and amino acid sequence of N–terminus of F1 subunit. Elango N, et al. **Nucleic Acids Res** 1985 Mar 11; 13(5):1559–74

Nucleotide sequence of the gene encoding the fusion (F) glycoprotein of human respiratory syncytial virus. Collins PL, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7683–7

Nucleotide sequence of the G protein gene of human respiratory syncytial virus reveals an unusual type of viral membrane protein. Wertz GW, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4075–9

Correct sequence for the major nucleocapsid protein mRNA of respiratory syncytial virus. Collins PL, et al. **Virology** 1985 Oct 15;146(1):69–77

GROWTH & DEVELOPMENT

Propagation of bovine respiratory syncytial virus in calf testicle microcarrier culture. Charlier G, et al. **Arch Exp Veterinarmed** 1984 Nov;38(6):894–9

IMMUNOLOGY

Serologic studies of bovine respiratory syncytial virus in Minnesota cattle. Baker JC, [illegible] **Am J Vet Res** 1985 Apr; 46(4):891–2

Effect of in vitro inoculation of bovine respiratory syncytial virus on bovine pulmonary alveolar macrophage function. Trigo E, et al. **Am J Vet Res** 1985 May;46(5):1098–103

Immune adherence hemagglutination test for detection of antibody to respiratory syncytial virus. Brief report. Kobayashi N, et al. **Arch Virol** 1984;82(1–2):95–100

The characterization and uses of monoclonal antibodies to respiratory syncytial virus. Stott EJ, et al. **Dev Biol Stand** 1984;57:237–44

Prevalence of antibodies to respiratory syncytial virus in various populations in Israel. Taya M, et al. **Isr J Med Sci** 1984 Dec;20(12):1146–9

The development of respiratory syncytial virus–specific immune complexes in nasopharyngeal secretions following natural infection. Kaul TN, et al. **J Clin Lab Immunol** 1984 Dec;15(4):187–90

Monoclonal capture antibody ELISA for respiratory syncytial virus: detection of individual viral antigens and determination of monoclonal antibody specificities. Hendry RM, et al. **J Immunol Methods** 1985 Mar 18;77(2):247–58

Antigenic characterization of respiratory syncytial virus strains with monoclonal antibodies. Anderson LJ, et al. **J Infect Dis** 1985 Apr;151(4):626–33

Antigenic analysis of a putative new strain of respiratory syncytial virus. Prince GA, et al. **J Infect Dis** 1985 Apr; 151(4):634–7

Detection by ELISA of IgG–subclass–specific antibodies in primary respiratory syncytial (RS) virus infections. Hornsleth A, et al. **J Med Virol** 1985 Aug;16(4):321–8

Detection of RS–virus IgG–subclass–specific antibodies: variation according to age in infants and small children and diagnostic value in RS–virus–infected small infants. Hornsleth A, et al. **J Med Virol** 1985 Aug;16(4):329–35

An enzyme–linked immunosorbent assay (ELISA) for IgG and IgA antibodies to respiratory syncytial virus in low dilutions of secretions of human serum and secretions. Nandapalan N, et al. **J Med Virol** 1984;14(3):285–94

Cytotoxic T–cell response to respiratory syncytial virus in mice. Bangham CR, et al. **J Virol** 1985 Oct;56(1):55–9

Antibody response to respiratory syncytial virus structural proteins in children with acute respiratory syncytial virus infection. Vainionpää R, et al. **J Virol** 1985 Mar;53(3):976–9

Field trials of a bovine respiratory syncytial virus vaccine. Bohlender RE. **Mod Vet Pract** 1984 Aug;65(8):606–9

Immune response to respiratory syncytial virus: prevention of syncytia formation by human serum during in vitro infection. Faden H, et al. **Pediatr Res** 1984 Oct; 18(10):987–91

Comparison of a newly developed enzyme–linked immunosorbent assay with complement fixation and neutralisation tests for serology of bovine respiratory syncytial virus infections. Westenbrink F, et al. **Res Vet Sci** 1985 May;38(3):334–40

Serum antibody to respiratory syncytial virus in goats in the UK. Morgan KL, et al. **Vet Rec** 1985 Mar 2;116(9):239–40

Prevention of bovine respiratory syncytial virus infection and clinical disease by vaccination. Verhoeff J, et al. **Vet Rec** 1984 Nov 10;115(19):488–92

ISOLATION & PURIFICATION

Isolation of bovine syncytial virus from lymphocytes recovered from fluids used to flush uterus and oviducts of superovulated cattle. Bouillant AM, et al. **Can J Comp Med** 1984 Jul;48(3):332–4

Serological and virological investigations of young children with acute respiratory syndrome associated with respiratory syncytial virus. Tarro G, et al. **Diagn Microbiol Infect Dis** 1985 Jan;3(1):81–5

Monoclonal antibodies against respiratory syncytial virus and their use for rapid detection of virus in nasopharyngeal secretions. Pothier P, et al. **J Clin Microbiol** 1985 Feb; 21(2):286–7

Practical recommendations for the detection of pediatric respiratory syncytial virus infections. Treuhaft MW, et al. **J Clin Microbiol** 1985 Aug;22(2):270–3

Quantification of respiratory syncytial virus polypeptides in nasal secretions by monoclonal antibodies. Hendry RM, et al. **J Gen Virol** 1985 Aug;66 (Pt 8):1705–14

[Approach to viral diseases of unknown etiology] Numazaki Y. **Rinsho Byori** 1985 Feb;33(2):136–9 **(Jpn)**

METABOLISM

Kinetics of synthesis of respiratory syncytial virus glycoproteins. Fernie BF, et al. **J Gen Virol** 1985 Sep;66 (Pt 9):1983–90

Respiratory syncytial virus polypeptides. V. The kinetics of glycoprotein synthesis. Gruber C, et al. **J Gen Virol** 1985 Jun;66 (Pt 6):1241–7

PATHOGENICITY

Properties of a respiratory syncytial virus isolated from a sheep with rhinitis. Evermann JF, et al. **Am J Vet Res** 1985 Apr;46(4):947–51

Cellular immune response to infection with respiratory syncytial virus and influence of breast–feeding on the response. Mito K, et al. **J Med Virol** 1984;14(4):323–32

PHYSIOLOGY

Respiratory syncytial virus. Brief review. Stott EJ, et al. **Arch Virol** 1985;84(1–2):1–52 (301 ref.)

Interaction of polymorphonuclear leukocytes and viruses in humans: adherence of polymorphonuclear leukocytes to respiratory syncytial virus–infected cells. Faden H, et al. **J Virol** 1984 Oct;52(1):16–23

RESPIRATORY SYSTEM

Bronchoscopic removal of aspirated foreign bodies in children. Black RE, et al. **Am J Surg** 1984 Dec; 148(6):778–81

Aspiration of foreign bodies during dental procedures. ElBadrawy HE. **Can Dent Assoc J** 1985 Feb;51(2):145–7

The effect of uncertainty of model parameters on estimates of committed dose equivalent. Wise KN. **Health Phys** 1985 Apr;48(4):501–8

Quantitative deposition of ultrafine stable particles in the human respiratory tract. Wilson FJ Jr, et al. **J Appl Physiol** 1985 Jan;58(1):223–9

The application of muscle endurance training techniques to the respiratory muscles in COPD. Aldrich TK. **Lung** 1985; 163(1):15–22 (43 ref.)

[Foreign bodies of the upper respiratory and digestive tracts: apropos of 123 cases] Ben Dridi MF, et al. **Tunis Med** 1985 Jan;63:9–14 (Eng. Abstr.) **(Fre)**

[Means of improving medical care for children with foreign bodies in the respiratory tract] Bocharnikov ES, et al. **Pediatriia** 1985 Jun;(6):47–8 **(Rus)**

ABNORMALITIES

Anatomic abnormalities of the pediatric airway. Richardson MA, et al. **Ear Nose Throat J** 1985 Jan;64(1):47–60 (27 ref.)

[Rare congenital aerodigestive fistulae] Dyon JF, et al. **Chir Pediatr** 1984;25(4–5):234–44 (Eng. Abstr.) **(Fre)**

ANALYSIS

Distribution of peptide histidine isoleucine in the mammalian respiratory tract and some aspects of its pharmacology. Christofides ND, et al. **Endocrinology** 1984 Nov; 115(5):1958–63

Deposition of sidestream cigarette smoke in the human respiratory tract. Hiller FC. **Prev Med** 1984 Nov; 13(6):602–7

ANATOMY & HISTOLOGY

Airway deadspace, end–tidal CO2, and Christian Bohr. Fletcher R. **Acta Anaesthesiol Scand** 1984 Aug;28(4):408–11

Air flow limitation in children: narrow airways or large lungs? [letter] Teculescu DB. **Am Rev Respir Dis** 1985 Jun; 131(6):965

Structural evaluation of the respiratory system. Tyler WS, et al. **Fundam Appl Toxicol** 1985 Jun;5(3):405–22 (78 ref.)

BLOOD SUPPLY

Respiratory muscle and organ blood flow with inspiratory elastic loading and shock. Magder S, et al. **J Appl Physiol** 1985 Apr;58(4):1148–56

CYTOLOGY

Occurrence and distribution of calcitonin gene–related peptide in the mammalian respiratory tract and middle ear. Uddman R, et al. **Cell Tissue Res** 1985;241(3):551–5

Quantitative studies of argyrophilic APUD cells in airways and intestine: effects of hypothalamic injuries. Marchevsky AM, et al. **Lung** 1984;162(5):281–6

[Light microscopic characteristics of mucosal and connective tissue mast cells of the respiratory and gastro–intestinal tracts] Arai T, et al. **Rinsho Byori** 1985 Jun;33(6):669–73 **(Jpn)**

[Duration of the mitotic cycle periods of lymphoid cells from the respiratory organs and the effect of the intranasal administration of gamma–globulin] Syrtsov VK. **Tsitol Genet** 1984 Nov–Dec;18(6):412–6 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Effect of i.v. atropine on cardiac rhythm, heart rate, blood pressure and airway secretion during isoflurane anaesthesia. Valentin N, et al. **Acta Anaesthesiol Scand** 1984 Dec; 28(6):621–4

Differential elevation by protriptyline and depression by diazepam of upper airway respiratory motor activity. Bonora M, et al. **Am Rev Respir Dis** 1985 Jan;131(1):41–5

Increases in airway reactivity to histamine and inflammatory cells in bronchoalveolar lavage after the late asthmatic response in an animal model. Marsh WR, et al. **Am Rev Respir Dis** 1985 Jun;131(6):875–9

Activity of rapidly–adapting receptors to histamine and antigen challenge before and after sodium cromoglycate. Bergren DR, et al. **Arch Int Pharmacodyn Ther** 1985 Jan; 273(1):88–99

In vivo anti–allergic and bronchopulmonary pharmacology of REV 3164 in rats and guinea–pigs. Leibowitz M, et al. **Arch Int Pharmacodyn Ther** 1984 Sep;271(1):135–54

Cardiovascular and respiratory effects of spermidine and spermine: an experimental study. Marmo E, et al. **Biomed Biochim Acta** 1984;43(4):509–15

The response of cat airways to histamine in vivo and in vitro. Blaber LC, et al. **Br J Pharmacol** 1985 Feb;84(2):309–16

Respiratory response to formaldehyde and off–gas of urea formaldehyde foam insulation. Day JH, et al. **Can Med Assoc J** 1984 Nov 1;131(9):1061–5

Effects of ergometrine on airway smooth muscle contractile responses. Louie S, et al. **Clin Allergy** 1985 Mar;15(2):173–

Effects of submicrometer sulfuric acid aerosols on mucociliary transport and respiratory mechanics in asymptomatic asthmatics. Spektor DM, et al. **Environ Res** 1985 Jun;37(1):174–91

The use of cell and organ culture from the respiratory tract for testing chemicals. Mohr U, et al. **Food Chem Toxicol** 1985 Feb;23(2):233–8

Pharmacodynamic actions of antimicrobial agents in host cell membranes. Adams HR. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1127–30 (29 ref.)

Effects of pulmonary congestion on airway reactivity to histamine aerosol in dogs. Kikuchi R, et al. **J Appl Physiol** 1984 Dec;57(6):1640–7

Action of nicotine on the respiratory activity of the diaphragm and genioglossus muscles and the nerves that innervate them. Haxhiu MA, et al. **Respir Physiol** 1984 Aug;57(2):153–69

The effects of hypercapnia and cooling the ventral medullary surface on capsaicin induced respiratory reflexes. Mitra J, et al. **Respir Physiol** 1985 Jun;60(3):377–85

Influence of buffer capacity and pH–dependent rheological properties of respiratory mucus on health effects due to acidic pollution. Holma B. **Sci Total Environ** 1985 Feb; 41(2):101–23

Metabolism of 1–[14C]nitropyrene in respiratory tract tissue of rats exposed to diesel exhaust. Bond JA, et al. **Toxicol Appl Pharmacol** 1985 Jul;79(3):461–70

[Cardiorespiratory system function in those working with tetramethylthiuram disulfide] Soboleva LP, et al. **Vrach Delo** 1984 Sep;(9):107–9 (Eng. Abstr.) **(Rus)**

[Problems in assessing the effect of pollutants on the physiology of the cardiovascular and respiratory system of fishes] Hughes GM. **Zh Obshch Biol** 1985 Mar-Apr; 46(2):241–54 (Eng. Abstr.) **(Rus)**

EMBRYOLOGY

Chevalier Jackson lecture. Respiratory and alimentary relations in staged human embryos. New embryological data and congenital anomalies. O'Rahilly R, et al. **Ann Otol Rhinol Laryngol** 1984 Sep–Oct;93(5 Pt 1):421–9

ENZYMOLOGY

The distribution and function of peroxidases in the respiratory tract. Christensen TG. **Surv Synth Pathol Res** 1984; 3(3):201–18 (189 ref.)

IMMUNOLOGY

Cell-mediated antibacterial defenses of the distal airways. Fick RB Jr. **Am Rev Respir Dis** 1985 May;131(5):S43–8

Serum antibody response and germinal centre reaction in the upper respiratory tract after antigen challenge in mice. Schumacher U, et al. **Arch Otorhinolaryngol** 1984; 240(3):255–62

Local immune responses. Dhar R, et al. **Br Med Bull** 1985 Jan;41(1):28–33 (33 ref.)

Suppression of IgE responses in inbred rats by repeated respiratory tract exposure to antigen: responder phenotype influences isotype specificity of induced tolerance. Sedgwick JD, et al. **Eur J Immunol** 1984 Oct;14(10):893–7

Contribution of intraperitoneal immunization to the local immune response in the respiratory tract of sheep. Scicchitano R, et al. **Immunology** 1984 Oct;53(2):375–84

[Antimicrobial protection of the respiratory tract in advanced silicosis complicated by chronic obstructive bronchopneumopathy] Szabó S, et al. **Rev Ig [Pneumoftiziol]** 1984 Oct–Dec;33(4):371–8 (Eng. Abstr.) **(Rum)**

[Local cellular mechanisms of protection in lung diseases in children] Matveeva LA. **Pediatriia** 1985 Jan;(1):25–7 **(Rus)**

[Immunology and respiratory clinical practice] Undurraga A. **Rev Med Chil** 1984 Jul;112(7):719–28 (Eng. Abstr.) **(Spa)**

INJURIES

Airway trauma. Meislin HW, et al. **Emerg Med Clin North Am** 1983 Aug;1(2):295–312 (82 ref.)

[Contribution of bronchologists to the diagnosis and therapy of thoracic injuries and postoperative complications] Petříková J, et al. **Rozhl Chir** 1985 Mar;64(3):191–5 (Eng. Abstr.) **(Cze)**

INNERVATION

Occurrence and distribution of neuropeptide–Y–immunoreactive nerves in the respiratory tract and middle ear. Uddman R, et al. **Cell Tissue Res** 1984;237(2):321–7

Autonomic innervation of the human respiratory tract as revealed by histochemical and ultrastructural methods. Laitinen A. **Eur J Respir Dis [Suppl]** 1985;140:1–42

Axonal projections of single bulbospinal inspiratory neurons revealed by spike–triggered averaging and antidromic activation. Dick TE, et al. **J Neurophysiol** 1985 Jun; 53(6):1590–603

Monosynaptic inhibition of phrenic motoneurons: a long descending projection from Bötzinger neurons. Merrill EG, et al. **J Neurosci** 1984 Sep;4(9):2350–3

Evidence for a monosynaptic connection between slowly adapting pulmonary stretch receptor afferents and inspiratory beta neurones. Backman SB, et al. **Pflugers Arch** 1984 Oct;402(2):129–36

METABOLISM

Absorption of gases in the respiratory tract. Davies CN. **Ann Occup Hyg** 1985;29(1):13–25

Comparison of the effects of verapamil and nifedipine on airway muscarinic reactivity and receptors. Cheng JB, et al. **Arch Int Pharmacodyn Ther** 1985 Jan;273(1):47–61

Epithelial binding of 1,2–dibromoethane in the respiratory and upper alimentary tracts of mice and rats. Kowalski B, et al. **Cancer Res** 1985 Jun;45(6):2616–25

Human respiratory mucous glycoproteins. Shelhamer JH, et al. **Exp Lung Res** 1984;7(2):149–62

Kinetics of respiratory tract absorption and plasma clearance of horseradish peroxidase in guinea pigs. Conner MW, et al. **Fundam Appl Toxicol** 1985 Feb;5(1):99–104

Clearance from the respiratory tract. Schlesinger RB. **Fundam Appl Toxicol** 1985 Jun;5(3):435–50 (144 ref.)

The comparative absorption and excretion of chemical vapors by the upper, lower, and intact respiratory tract of rats. Stott WT, et al. **Fundam Appl Toxicol** 1984 Aug; 4(4):594–602

Pharmacokinetics of apalcillin in intensive–care patients: study of penetration into the respiratory tract. Bergogne–Berezin E, et al. **J Antimicrob Chemother** 1984 Jul;14(1):67–73

Comparative deposition of inhaled aerosols in experimental animals and humans: a review. Schlesinger RB. **J Toxicol Environ Health** 1985;15(2):197–214 (56 ref.)

Long–standing otitis media with effusion––a convenient model for the study of antibiotic penetration to respiratory tract secretions. Edén T. **Scand J Infect Dis [Suppl]** 1985; 44:46–51

[Histochemical study of the respiratory tract of guinea pigs exposed to textile dust] Korn–Rydzewska H. **Otolaryngol Pol** 1984;38(3):203–10 (Eng. Abstr.) **(Pol)**

MICROBIOLOGY

Colonisation pattern of the respiratory tract of calves by Mycoplasma dispar. Tanskanen R. **Acta Vet Scand** 1984; 25(4):577–92

Studies on the relationship between coronaviruses from the intestinal and respiratory tracts of calves. Reynolds DJ, et al. **Arch Virol** 1985;85(1–2):71–83

Bacterial interactions in bovine respiratory and reproductive infections. Corbeil LB, et al. **J Clin Microbiol** 1985 May; 21(5):803–7

Diagnosis of pulmonary infection caused by Aspergillus: usefulness of respiratory cultures. Treger TR, et al. **J Infect Dis** 1985 Sep;152(3):572–6

Virulence of Bordetella bronchiseptica in the porcine respiratory tract. Collings LA, et al. **J Med Microbiol** 1985 Apr;19(2):247–55

Clearance of the challenge organisms from the upper respiratory tract of chickens injected with an inactivated Haemophilus paragallinarum vaccine. Kume K, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):843–50

Experimental inoculation of an ovine ureaplasma strain into the respiratory tract of lambs. Ball HJ, et al. **Vet Rec** 1984 Dec 15;115(24):626

[Mycoplasma carrier state in the respiratory apparatus of sheep and lambs] Todorov D. **Vet Med Nauki** 1985; 22(2):21–6 (Eng. Abstr.) **(Bul)**

[Changes in the antibiotic sensitivity of Haemophilus (H. influenzae and H. parainfluenzae) colonizing the upper respiratory tract of the child] Dabernat H, et al. **Pathol Biol (Paris)** 1985 May;33(5):391–5 (Eng. Abstr.) **(Fre)**

[Bacteriologic monitoring of bronchial secretions in surgical intensive care] Duez JM, et al. **Pathol Biol (Paris)** 1985 May;33(5):440–3 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Ciliary abnormalities in children (hockey–stick cilia). Study by scanning electron microscope. Report on three paediatric cases. Bertrand B, et al. **Acta Otorhinolaryngol Belg** 1984;38(3):337–44

Pneumonia in calves produced with aerosols of Pasteurella multocida alone and in combination with bovine herpesvirus 1. Jericho KW, et al. **Can J Comp Med** 1985 Apr;49(2):138–44

Immunohistochemical techniques and their applications in the histopathology of the respiratory system. Linnoila I, et al. **Environ Health Perspect** 1984 Jun;56:131–48 (236 ref.)

Ultrastructural abnormalities of respiratory cilia. Descriptive and quantitative study of respiratory mucosa in a series of 33 patients. Ehouman A, et al. **Virchows Arch [Cell Pathol]** 1985;48(1):87–95

[Clinician–oriented and cytology–oriented autopsy, Part I. Respiratory system] Niwayama G. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1516–25 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Real time mathematical analysis of instantaneous respiratory signals at the bedside by a multiprocessor system (PAMS). Grevisse P, et al. **Acta Anaesthesiol Belg** 1984;35(4):313–28

A new method for calculating total respiratory system compliance. Theory and model experiments. Darowski M, et al. **Acta Anaesthesiol Scand** 1985 May;29(4):393–9

Adaptability of the pulmonary system to changing metabolic requirements. Dempsey JA, et al. **Am J Cardiol** 1985 Apr 26;55(10):59D–67D

American Lung Association 81st annual meeting; American Thoracic Society 80th annual meeting; Congress of Lung Association Staff 73rd annual meeting. May 12–15, 1985, Anaheim. Abstracts. **Am Rev Respir Dis** 1985 Apr;131(4 Pt 2):A1–440

Workshop on airway smooth muscle. Summary of a conference held September 25–27 1983. **Am Rev Respir Dis** 1985 Jan;131(1):159–62

Disassociation in the mucociliary function of central and peripheral airways of asymptomatic smokers. Foster WM, et al. **Am Rev Respir Dis** 1985 Sep;132(3):633–9

Influence of the respiratory route on the resting breathing pattern in humans. Rodenstein DO, et al. **Am Rev Respir Dis** 1985 Jan;131(1):163–6

Control of airway caliber. Widdicombe J. **Am Rev Respir Dis** 1985 May;131(5):S33–5

New dimensions of the respiratory system. Rehder K, et al. **Anesthesiology** 1985 Mar;62(3):230–3

Of wind and song. Clausen JL. **Chest** 1985 Aug;88(2):165–6

The respiratory muscles. Green M, et al. **Clin Sci** 1985 Jan; 68(1):1–10 (86 ref.)

The effect of airway anaesthesia on the control of breathing and the sensation of breathlessness in man. Winning AJ, et al. **Clin Sci** 1985 Feb;68(2):215–25

Stochastic simulation of Taylor's dispersion in the airways. Bres M, et al. **Comput Biomed Res** 1985 Apr;18(2):166–75

Modeling studies of the concurrent growth and neutralization of sulfuric acid aerosols under conditions in the human airways. Cocks AT, et al. **Environ Res** 1984 Oct;35(1):79–96

The influence of cardiorespiratory fitness on the decrement in maximal aerobic power at high altitude. Young AJ, et al. **Eur J Appl Physiol** 1985;54(1):12–5

Short–latency interactions among dorsomedial medullary inspiratory neurons in the cat. Graham K, et al. **Exp Neurol** 1985 Jun;88(3):726–41

Partitioning of respiratory mechanics in halothane–anesthetized humans. Behrakis PK, et al. **J Appl Physiol** 1985 Jan;58(1):285–9

Reflex effects and receptor responses to upper airway pressure and flow stimuli in developing puppies. Fisher JT, et al. **J Appl Physiol** 1985 Jan;58(1):258–64

Effect of pH on metabolic and cardiorespiratory responses during progressive exercise. Kowalchuk JM, et al. **J Appl Physiol** 1984 Nov;57(5):1558–63

Quiet–breathing vs. panting methods for determination of specific airway conductance. Krell WS, et al. **J Appl Physiol** 1984 Dec;57(6):1917–22

Thermal mapping of the airways in humans. McFadden ER Jr, et al. **J Appl Physiol** 1985 Feb;58(2):564–70

Pharyngeal airway–stabilizing function of sternohyoid and sternothyroid muscles in the rabbit. Roberts JL, et al. **J Appl Physiol** 1984 Dec;57(6):1790–5

Comments on 'Calibration methods in respiratory calorimetry' [letter] Young BA. **J Appl Physiol** 1985 Apr; 58(4):1406

Kappa opioid receptors modulate cardiorespiratory function in hindbrain nuclei of rat. Hassen AH, et al. **J Neurosci** 1984 Sep;4(9):2213–21

Maintenance of upper airway patency. Mathew OP. **J Pediatr** 1985 Jun;106(6):863–9 (45 ref.)

Cardiorespiratory dynamics in men in response to passive work. Nakazono Y, et al. **Jpn J Physiol** 1985;35(1):33–43

Electrical stimulation of arterial and central chemosensory afferents at different times in the respiratory cycle of the cat: II. Responses of respiratory muscles and their motor nerves. Marek W, et al. **Pflugers Arch** 1985 Apr; 403(4):422–8

Electrical stimulation of arterial and central chemosensory afferents at different times in the respiratory cycle of the cat: I. Ventilatory responses. Marek W, et al. **Pflugers Arch** 1985 Apr;403(4):415–21

Physiological basis of the sex difference in cardiorespiratory endurance. Pate RR, et al. **Sports Med** 1984 Mar–Apr; 1(2):87–98

Respiratory function during simulated wet dives. Lundgren CE. **Undersea Biomed Res** 1984 Jun;11(2):139–47

[Aerodynamic filtration of inhaled particles. Applications to aerosol therapy] Sottiaux T, et al. **Rev Med Liege** 1985 Mar 1;40(5):172–80 **(Fre)**

[Role of prostaglandins in the physiology and physiopathology of the respiratory system] Popescu CM, et al. **Rev Ig [Pneumoftiziol]** 1984 Jul–Sep;33(3):195–206 (19 ref.) **(Rum)**

[Conditioning potentials of the respiratory tract] Agarkov FT. **Fiziol Cheloveka** 1984 Nov–Dec;10(6):981–7 **(Rus)**

[Basic patterns of the functional changes in the human respiratory system adapting to hyperbarism] Guliar SA. **Fiziol Zh** 1984 Nov–Dec;30(6):667–79 (Eng. Abstr.) **(Rus)**

[Reaction of the respiratory system of rabbits to hypoxic stimulation in a nitrogen–oxygen environment under elevated pressure] Donina ZhA. **Fiziol Zh SSSR** 1985 Mar; 71(3):316–9 (Eng. Abstr.) **(Rus)**

[Function of the ciliary apparatus of the respiratory tract and diseases due to its structural abnormalities] Hruškovič I, et al. **Bratisl Lek Listy** 1984 Jul;82(1):876–86 (Eng. Abstr.) **(Slo)**

PHYSIOPATHOLOGY

Experimental airway inflammation and hyperreactivity. Searching for cells and mediators [editorial] Boushey HA, et al. **Am Rev Respir Dis** 1985 Mar;131(3):312–3

Respiratory muscle dysfunction in myotonia congenita. Estenne M, et al. **Am Rev Respir Dis** 1984 Oct;130(4):681–4

Inspiratory force reserve of the respiratory muscles in children with chronic obstructive pulmonary disease. Gaultier C, et al. **Am Rev Respir Dis** 1985 Jun;131(6):811–5

Noninvasive determination of respiratory system mechanics during mechanical ventilation for acute respiratory failure. Gottfried SB, et al. **Am Rev Respir Dis** 1985 Mar; 131(3):414–20

Smoking and anesthesia: preoperative abstinence and perioperative morbidity. Pearce AC, et al. **Anesthesiology** 1984 Nov;61(5):576–84

Pathophysiology and treatment of sleep apnea. Ingbar DH, et al. **Annu Rev Med** 1985;36:369–95 (114 ref.)

Sleep apnoea profile in preterm infants recovering from respiratory distress syndrome. Bentele KH, et al. **Arch Dis Child** 1985 Jun;60(6):547–54

Cough induced by changes of ionic composition of airway surface liquid. Higenbottam T. **Bull Eur Physiopathol Respir** 1984 Nov–Dec;20(6):553–62

Clinical experience with inspiratory resistive breathing training. Andersen JB, et al. **Int Rehabil Med** 1984; 6(4):183–5

A rationale for training respiratory muscles. Grassino A. **Int Rehabil Med** 1984;6(4):175–8 (19 ref.)

Airways reactivity and asthma: significance and treatment [editorial] Bleecker ER. **J Allergy Clin Immunol** 1985 Jan; 75(1 Pt 1):21–4

Near–maximal voluntary hyperpnea and ventilatory muscle function. Bai TR, et al. **J Appl Physiol** 1984 Dec; 57(6):1742–8

Acute cardiorespiratory responses of hypertensive rats to swimming and treadmill exercise. Sturek ML, et al. **J Appl Physiol** 1984 Nov;57(5):1328–32

Physiopathologic changes during anesthesia administration for gynecologic laparoscopy. Versichelen L, et al. **J Reprod Med** 1984 Oct;29(10):697-700

Measurements of maximum respiratory pressures in polymyositis and dermatomyositis. Martin L, et al. **J Rheumatol** 1985 Feb;12(1):104-7

Respiratory function in scoliosis [editorial] **Lancet** 1985 Jan 12;1(8420):84-5

Effects of hypoxia on respiratory defence reflexes. Effects of thirty hours' oxygen deficiency on cough, the expiration reflex and sneezing in awake cats. Tatár M, et al. **Physiol Bohemoslov** 1985;34(1):41-8

[Mucociliary function and diseases of the upper respiratory tract] Nuutinen J. **Duodecim** 1985;101(7):683-97 **(Fin)**

[Relationship between changes in plasma histamine levels and the location of the predominant site of exercise-induced asthma] Hirata K, et al. **Arerugi** 1984 Aug;33(8):480-8 (Eng. Abstr.) **(Jpn)**

[Functional changes in the cardiovascular and respiratory systems in the early postoperative period in patients who have undergone mitral commissurotomy] Neimark II, et al. **Revmatologiia (Moskva)** 1985 Jan-Mar;(1):44-7 (Eng. Abstr.) **(Rus)**

[Protective reflexes of the respiratory system in conscious cats during the acute phase of oxygen deficiency] Tatár M, et al. **Bratisl Lek Listy** 1985 Aug;84(2):157-64 (Eng. Abstr.) **(Slo)**

RADIOGRAPHY

Cine CT technique for dynamic airway studies. Ell SR, et al. **AJR** 1985 Jul;145(1):35-6

Chest x-rays in children with acute respiratory infections or bronchospasm at Kenyatta National Hospital. Wafula EM, et al. **East Afr Med J** 1984 Dec;61(12):900-6

[Contrasting in the roentgenological picture of the airways by the method of insufflation and inhalation of powdered urogranoic acid. Experimental studies and clinical trials] Szmigielski W. **Pol Przegl Radiol (Warszawa)** 1984 Jul-Aug;48(4):193-202 (Eng. Abstr.) **(Pol)**

RADIONUCLIDE IMAGING

Cinematic display of respiratory organ motion with impedance techniques. Heller SL, et al. **J Nucl Med** 1984 Oct;25(10):1127-31

[The role of radionuclide methods in the evaluation of the respiratory tract clearance function in lung pathology] Kramer EF. **Med Radiol (Mosk)** 1985 Jul;30(7):66-71 (60 ref.) **(Rus)**

SECRETION

Regulation of airway secretions. Nadel JA. **Chest** 1985 Jan; 87(1 Suppl):111S-113S

Clinical value of the Gram-stain smear of respiratory secretions. Pratter MR, et al. **Chest** 1985 Aug;88(2):163-4

Airway mucus: composition and regulation of its secretion by neuropeptides in vitro. Coles SJ, et al. **Ciba Found Symp** 1984;109:40-60 (28 ref.)

Isolation medium for the recovery of Pseudomonas cepacia from respiratory secretions of patients with cystic fibrosis. Gilligan PH, et al. **J Clin Microbiol** 1985 Jul;22(1):5-8

ULTRASTRUCTURE

Morphological study of the functional cycle of the secretory cells of the upper respiratory tract epithelium of amphibians and reptiles. Těšík I. **Folia Morphol (Praha)** 1984; 32(4):391-4

RESPIRATORY THERAPY

see related
AEROSOLS

Chest physical therapy: comparative efficacy of preoperative and postoperative in the elderly. Castillo R, et al. **Arch Phys Med Rehabil** 1985 Jun;66(6):376-9

Comparison of rewarming by radio wave regional hyperthermia and warm humidified inhalation. White JD, et al. **Aviat Space Environ Med** 1984 Dec;55(12):1103-6

The effect of methacholine inhalation challenge on regional residual volume in patients with subclinical asthma. Horsley JR, et al. **Chest** 1985 Jan;87(1):29-34

Mechanical vibration and conventional chest physiotherapy in outpatients with stable chronic obstructive lung disease. Mohsenifar Z, et al. **Chest** 1985 Apr;87(4):483-5

Aerosol deposition considerations in inhalation therapy. Newman SP. **Chest** 1985 Aug;88(2 Suppl):152S-160S (64 ref.)

Helium-oxygen breathing in severe chronic obstructive pulmonary disease. Swidwa DM, et al. **Chest** 1985 Jun; 87(6):790-5

Comparison of continuous positive airway pressure, incentive spirometry, and conservative therapy after cardiac operations. Stock MC, et al. **Crit Care Med** 1984 Nov; 12(11):969-72

Thermodilution cardiac output measurement. Effects of the respiratory cycle on its reproducibility. Stevens JH, et al. **JAMA** 1985 Apr 19;253(15):2240-2

Asthma education for all [letter] Foot R. **Med J Aust** 1985 Apr 29;142(9):532

Poor inhaler technique may be perpetuated by clinical staff. Frew AJ, et al. **Practitioner** 1984 Oct;228(1396):883

[The effect of beclomethasone dipropionate as inhalation therapy on the pituitary-adrenal axis in children] Pijls NH, et al. **Tijdschr Kindergeneeskd** 1985 Apr;53(2):45-9 (Eng. Abstr.) **(Dut)**

[Home oxygen therapy and ventilation in chronic respiratory insufficiency. Results of a regional experience] Molina C, et al. **Bull Acad Natl Med (Paris)** 1984 May-Jun; 168(5-6):561-7 **(Fre)**

[Fungal bronchial asthma treated in the salt chambers in Wieliczka] Obtułowicz K, et al. **Pol Tyg Lek** 1984 Oct 22;39(43):1413-4 (Eng. Abstr.) **(Pol)**

ADVERSE EFFECTS

[Systemic air embolism secondary to respiratory therapy in the newborn] Toischer HP, et al. **ROFO** 1984 Oct; 141(4):414-7 (Eng. Abstr.) **(Ger)**

[Studies on lung defenses: effects of various inhalants on the function of alveolar macrophages] Sugimoto M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Sep; 22(9):757-61 (Eng. Abstr.) **(Jpn)**

[Effect of ultrasonic inhalations of antitubercular preparations on the air-blood barrier of the lung] Protsiuk RG, et al. **Probl Tuberk** 1985;(4):48-51 (Eng. Abstr.) **(Rus)**

INSTRUMENTATION

Treatment of acute bronchoconstriction in children with use of a tube spacer aerosol and a dry powder inhaler. Pedersen S. **Allergy** 1985 May;40(4):300-4

Knowledge of nurses and respiratory therapists about using canister nebulizers. Henney HR 3d, et al. **Am J Hosp Pharm** 1984 Nov;41(11):2403-5

Size aspects of metered-dose inhaler aerosols. Kim CS, et al. **Am Rev Respir Dis** 1985 Jul;132(1):137-42

Use of spacers to facilitate inhaled corticosteroid treatment of asthma [letter] Newhouse MT, et al. **Am Rev Respir Dis** 1984 Nov;130(5):951

Modifying delivery technique of Fenoterol from a metered dose inhaler [letter] Newhouse MT, et al. **Ann Allergy** 1984 Dec;53(6):496-8

Proper use of metered dose inhalers [letter] **Chest** 1985 Jul; 88(1):158-60

Spacer devices used with metered-dose inhalers. Breakthrough or gimmick? König P. **Chest** 1985 Aug; 88(2):276-84 (60 ref.)

Recent advances in the management of obstructive airways disease. Auxiliary MDI aerosol delivery systems. Sackner MA, et al. **Chest** 1985 Aug;88(2 Suppl):161S-170S

Comparison of metered-dose inhaler attached to an Aerochamber with an updraft nebulizer for the administration of metaproterenol in hospitalized patients. Berenberg MJ, et al. **J Asthma** 1985;22(2):87-92

The nebuliser epidemic [editorial] **Lancet** 1984 Oct 6; 2(8406):789-90

Therapeutic inhalation agents and devices. Effectiveness in asthma and bronchitis. Newman SP. **Postgrad Med** 1984 Oct;76(5):194-203, 206-7

[The 'small pumps' (metered aerosols): the how and the why] Cartier A, et al. **Union Med Can** 1985 Mar;114(3):241-3, 246 (Eng. Abstr.) **(Fre)**

[The Nebuhaler in the treatment of children with bronchial asthma: comparison of its efficacy with that of 2 other forms of administration] Kraemer R, et al. **Schweiz Rundsch Med Prax** 1985 Apr 30;74(18):463-6 (Eng. Abstr.) **(Ger)**

METHODS

Weaning with inspiratory flow assistance (IFA). A clinical progress? Hansen JE. **Acta Anaesthesiol Belg** 1984;35 Suppl:337-41

Does chest physical therapy move airway secretions? Wanner A. **Am Rev Respir Dis** 1984 Nov;130(5):701-2

Directed manual recruitment of collapsed lung in intubated and nonintubated patients. Scholten DJ, et al. **Am Surg** 1985 Jun;51(6):330-5

Inhalation of carbon dioxide mixtures for sensorineural deafness. Evaluation of a rebreathing method. Freeman P, et al. **Arch Otolaryngol** 1985 Feb;111(2):75-8

Case report: electrophrenic respiration and discharge planning with a C1 quadriplegic. MacKechnie J, et al. **J Neurosurg Nurs** 1984 Dec;16(6):347-52

[Respiration monitoring; an unusual application of used thermodilution catheters] Boland DM. **Ned Tijdschr Geneeskd** 1984 Nov 3;128(44):2084-6 (Eng. Abstr.) **(Dut)**

[Rhinotherm, not a current therapy] Feenstra L. **Ned Tijdschr Geneeskd** 1985 Jan 19;129(3):99-100 **(Dut)**

[Aerodynamic filtration of inhaled particles. Applications to aerosol therapy] Sottiaux T, et al. **Rev Med Liege** 1985 Mar 1;40(5):172-80 **(Fre)**

[Efficacy and observation of treatment within the framework of an association for home respiratory assistance (letter)] Bonnaud F, et al. **Therapie** 1985 Jul-Aug;40(4):264-5 **(Fre)**

[Intrapulmonary percussion. A new method of respiratory therapy] Wolf C, et al. **Dtsch Med Wochenschr** 1985 Feb 15;110(7):253-5 (Eng. Abstr.) **(Ger)**

[Practical aspects of inhalation therapy with aerosols] Russi EW. **Schweiz Rundsch Med Prax** 1985 Feb 26;74(9):207-10 (Eng. Abstr.) **(Ger)**

[An evaluation of intermittent mandatory ventilation therapy using diaphragm pacing for chronic obstructive pulmonary disease] Kido T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jul;22(7):584-8 (Eng. Abstr.) **(Jpn)**

[Studies on sustained maximal inspiration (TRIFLO II) to prevent postoperative pulmonary complications] Suzuki A, et al. **Rinsho Kyobu Geka** 1984 Jul;4(4):507-12 (Eng. Abstr.) **(Jpn)**

[Efficacy of aerosol therapy in the prevention and treatment of bronchopulmonary complications following pulmonary resection] Protsiuk RG. **Klin Khir** 1984 Oct;(10):44-6 (Eng. Abstr.) **(Rus)**

[Physiotherapy in severe respiratory insufficiency] Giménez M, et al. **Med Clin (Barc)** 1984 Nov 17;83(16):683-8 **(Spa)**

[Inspiratory muscle training in patients with chronic airflow limitation] Moreno R, et al. **Rev Med Chil** 1983 Jul; 111(7):647-53 (Eng. Abstr.) **(Spa)**

VETERINARY

Developments in management of the newborn foal in respiratory distress 2: Treatment. Webb AI, et al. **Equine Vet J** 1984 Jul;16(4):319-23 (31 ref.)

RESPIRATORY THERAPY DEPARTMENT, HOSPITAL see under **HOSPITAL DEPARTMENTS**

RESPIRATORY TRACT DISEASES

American Lung Association 81st annual meeting; American Thoracic Society 80th annual meeting; Congress of Lung Association Staff 73rd annual meeting. May 12-15, 1985, Anaheim. Abstracts. **Am Rev Respir Dis** 1985 Apr;131(4 Pt 2):A1-440

Training programs in respiratory disease and training programs in pediatric respiratory disease. **Am Rev Respir Dis** 1985 Aug;132(2):437-64

American College of Chest Physicians. 51st annual scientific assembly, October 28-November 1, 1985, New Orleans. Original investigations (abstracts). **Chest** 1985 Jul;88(1 Spec No):1S-75S

[Comments on pneumonology workplaces in West Germany] Homolka J. **Cas Lek Cesk** 1984 Aug 10;123(32):1002 **(Cze)**

[The pneumo-phthsiology service in Serbia exclusive of the SA provinces] Tijanić M. **Plucne Bolesti** 1984 Jan-Jun; 36(1-2):73-6 (Eng. Abstr.) **(Ser)**

CHEMICALLY INDUCED

Pulmonary function and respiratory symptoms in polyvinylchloride fabrication workers. Baser ME, et al. **Am Rev Respir Dis** 1985 Feb;131(2):203-8

Respiratory abnormalities among workers in an iron and steel foundry. Johnson A, et al. **Br J Ind Med** 1985 Feb; 42(2):94-100

Respiratory disease in foundry workers. Low I, et al. **Br J Ind Med** 1985 Feb;42(2):101-5

Respiratory involvement and immune status in Yusho patients. Nakanishi Y, et al. **Environ Health Perspect** 1985 Feb;59:31-6

Epidemiological-environmental study of lead acid battery workers. II. Acute effects of sulfuric acid on the respiratory system. Gamble J, et al. **Environ Res** 1984 Oct;35(1):11-29 (54 ref.)

Epidemiological-environmental study of lead acid battery workers. III. Chronic effects of sulfuric acid on the respiratory system and teeth. Gamble J, et al. **Environ Res** 1984 Oct;35(1):30-52 (32 ref.)

Indoor nitrogen dioxide pollution and respiratory symptoms of schoolchildren. Hoek G, et al. **Int Arch Occup Environ Health** 1984;55(1):79-86

Respiratory symptoms associated with sulfur dioxide exposure. Witek TJ Jr, et al. **Int Arch Occup Environ Health** 1985;55(2):179-83

Respiratory and eye irritation from boron oxide and boric acid dusts. Garabrant DH, et al. **J Occup Med** 1984 Aug; 26(8):584-6

Occupational exposure to chlorophenates: toxicology and respiratory effects. Embree V, et al. **J Toxicol Clin Toxicol** 1984;22(4):317-29

Photochemical air pollution. Part I. Goldstein E, et al. **West J Med** 1985 Mar;142(3):369-76 (106 ref.)

Ozone and photochemical pollutants. Status after 25 years. Speizer FE. **West J Med** 1985 Mar;142(3):377-9

[The role of airway receptors in the respiratory effects of air pollutants] Diezi J, et al. **Ther Umsch** 1985 May; 42(5):120-5 (Eng. Abstr.) **(Fre)**

[Air burden and respiratory and vascular diseases] Scherrer M. **Schweiz Med Wochenschr** 1985 Jul 27;115(30):1042- (85 ref.) (Eng. Abstr.) **(Ger)**

[The effect of air pollution on respiratory disease in children] Rutishauser M. **Ther Umsch** 1985 May;42(5):132-7 (Eng. Abstr.) **(Ger)**

[Exposure to domestic lung irritants] Gapany M, et al. **Harefuah** 1984 Sep;107(5-6):147-9 (Eng. Abstr.) **(Heb)**

[Relation between daily patient visits to district physicians and atmospheric air pollution] Seroka W, et al. **Przegl Lek** 1984;41(6):433-7 (Eng. Abstr.) **(Pol)**

[Study of pulmonary ventilation function in workers exposed to carbon monoxide in the Svetozarevo cable factory] Trajković M. **Srp Arh Celok Lek** 1984 Sep;112(9):909-1 (Eng. Abstr.) **(Ser)**

COMPLICATIONS

Somatic dysfunction associated with pulmonary disease. Beal MC, et al. **J Am Osteopath Assoc** 1984 Oct;84(2):179–83

Multiple respiratory tract stenoses associated with mucociliary dysfunction [letter] Carenfelt C, et al. **Lancet** 1985 Aug 31;2(8453):504–5

[Studies on the factors of staying in hospital and sanatorium for long periods in tuberculosis patients (Part 2)] Aoyagi T, et al. **Kekkaku** 1985 May;60(5):309–18 (Eng. Abstr.) **(Jpn)**

[Clinico-psychological analysis of the complaints of patients with neurotic and neurosis-like conditions (based on material from a general-somatic hospital)] Matveev VF, et al. **Zh Nevropatol Psikhiatr** 1984;84(11):1683–7 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Persistent lower respiratory disease in children. Geis JR, et al. **Am Fam Physician** 1985 Sep;32(3):131–7

Pediatric endoscopy: a review of 616 cases. Friedman EM, et al. **Ann Otol Rhinol Laryngol** 1984 Sep–Oct;93(5 Pt 1):517–9

Pulmonary function measurement in the industrial setting. Chan-Yeung M, et al. **Chest** 1985 Aug;88(2):270–5 (58 ref.)

Respiratory manifestations in primary Sjögren's syndrome. A clinical, functional, and histologic study. Constantopoulos SH, et al. **Chest** 1985 Aug;88(2):226–9

Respiratory involvement in autoimmune rheumatic diseases is frequent and easy to detect. Constantopoulos SH, et al. **Clin Exp Rheumatol** 1983 Jul–Sep;1(3):233–6

[Pulmonary function studies in the diagnosis of respiratory diseases] Sovijärvi AR. **Duodecim** 1984;100(21):1432–47 **(Fin)**

[Fibroscopy of the airways in children] Mayer MN, et al. **Cah Anesthesiol** 1984 Sep;32(5):359–63 **(Fre)**

[Value of spirometry in the early diagnosis of respiratory system diseases] Hausen T. **Dtsch Med Wochenschr** 1985 Jan 11;110(2):59–63 (Eng. Abstr.) **(Ger)**

[Current significance of tube endoscopies of the respiratory and digestive tracts] Brandt RH. **Z Arztl Fortbild (Jena)** 1984;78(14):597–8 **(Ger)**

[Diagnosis of Mycoplasma pneumoniae infection in chronic respiratory tract diseases] Majkowska-Przybył M, et al. **Pneumonol Pol** 1984 Nov–Dec;52(11–12):539–42 (Eng. Abstr.) **(Pol)**

[Error in the measurement of changes in pulmonary ventilation (FEV1) in prospective studies] Chłopek H. **Przegl Epidemiol** 1984;38(3):307–14 (Eng. Abstr.) **(Pol)**

[Analysis of inventions related to the tuberculosis and pathology of the respiratory organs] Matusevich VG, et al. **Probl Tuberk** 1985;(3):60–3 (4 ref.) **(Rus)**

[Clinical and therapeutic characteristics of respiratory diseases in chronic alcoholism] Entin GM. **Ter Arkh** 1985;57(3):103–8 (Eng. Abstr.) **(Rus)**

[Immunological deficiency in respiratory diseases (diagnostic, pathogenetic and treatment problems)] Sil'vestrov VP, et al. **Ter Arkh** 1985;57(3):3–9 **(Rus)**

[Report on 1 years' work at the Bronchology Ambulatory Care Department for Pulmonary Diseases and Tuberculosis in Split] Sviličić A. **Plucne Bolesti** 1984 Jan–Jun;36(1–2):91–4 (Eng. Abstr.) **(Scr)**

[Computer-assisted ergometric study in cardiopulmonary diagnosis] Krištúfek P, et al. **Bratisl Lek Listy** 1985 Jan;83(1):68–74 (Eng. Abstr.) **(Slo)**

[Simple exploratory flowmeters in the preoperative evaluation of pulmonary function] Litvan H, et al. **Rev Esp Anestesiol Reanim** 1984 Jul–Aug;31(4):141–3 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

[Clinico-therapeutic evaluation of the efficacy of lysozyme in the prevention and treatment of chronic recurrent bronchopulmonary disorders] Andalò A, et al. **Clin Ter** 1985 Jan 15;112(1):31–6 (Eng. Abstr.) **(Ita)**

[Evaluation of the effects of ambroxol in the surgical preparation of patients with bronchopulmonary disorders. Administration during intermittent positive pressure ventilation] Minuto A, et al. **Clin Ter** 1984 Dec 31;111(6):521–30 (Eng. Abstr.) **(Ita)**

[Endolymphatic therapy in the combined treatment of patients with respiratory diseases] Molotkov VN, et al. **Ter Arkh** 1985;57(3):66–73 (Eng. Abstr.) **(Rus)**

[Effect of different immunomodulators on the subpopulations of immunocompetent cells. The immunomodulating therapy of respiratory diseases] Sil'vestrov VP, et al. **Ter Arkh** 1985;57(1):70–5 (Eng. Abstr.) **(Rus)**

ECONOMICS

Funding respiratory research [editorial] Green M. **Thorax** 1985 Feb;40(2):81–4

ETIOLOGY

Postoperative respiratory complications in non-idiopathic scoliosis. Anderson PR, et al. **Acta Anaesthesiol Scand** 1985 Feb;29(2):186–92

A synopsis of agricultural respiratory hazards. Popendorf W, et al. **Am Ind Hyg Assoc J** 1985 Mar;46(3):154–61 (109 ref.)

Increased risk of respiratory disease and diarrhea in children with preexisting mild vitamin A deficiency. Sommer A, et al. **Am J Clin Nutr** 1984 Nov;40(5):1090–5

Predicting clinically significant lower respiratory tract illness in childhood following mild bronchiolitis. McConnochie KM, et al. **Am J Dis Child** 1985 Jun;139(6):625–31

Guidelines as to what constitutes an adverse respiratory health effect, with special reference to epidemiologic studies of air pollution. **Am Rev Respir Dis** 1985 Apr;131(4):666–8

Respiratory diseases and food allergy. Heiner DC. **Ann Allergy** 1984 Dec;53(6 Pt 2):657–64 (10 ref.)

Respiratory tract symptoms as a clue to giant cell arteritis. Larson TS, et al. **Ann Intern Med** 1984 Nov;101(5):594–7

Respiratory complications of gastroesophageal reflux. Barish CF, et al. **Arch Intern Med** 1985 Oct;145(10):1882–8 (43 ref.)

Gastro-oesophageal reflux and respiratory disease: the place of the surgeon. Johnson DG, et al. **Aust NZ J Surg** 1984 Oct;54(5):405–15

Respiratory sequelae of whooping cough [letter] Johnston ID, et al. **Br Med J [Clin Res]** 1985 Aug 17;291(6493):482–3

Inhaled particles in human disease and animal models: use of electron beam instrumentation. Brody AR. **Environ Health Perspect** 1984 Jun;56:149–62 (52 ref.)

Symptoms of respiratory illness in young children and the use of wood-burning stoves for indoor heating. Honicky RE, et al. **Pediatrics** 1985 Mar;75(3):587–93

Involuntary smoking and incidence of respiratory illness during the first year of life. Pedreira FA, et al. **Pediatrics** 1985 Mar;75(3):594–7

Man-made mineral fibers and health. Answered and unanswered questions. Saracci R. **Scand J Work Environ Health** 1985 Jun;11(3 Spec No):215–22

[Smoking and disease] van Arkel WG, et al. **Ned Tijdschr Geneeskd** 1985 Jun 8;129(23):1081–5 **(Dut)**

[Respiratory repercussions of gastroesophageal reflux and cine-esophagogastroscintigraphy] Guillemeteau C, et al. **Ann Pediatr (Paris)** 1984 Oct;31(8):649–53 (Eng. Abstr.) **(Fre)**

[Respiratory manifestations associated with gastroesophageal reflux in adults and children] Denis P, et al. **Gastroenterol Clin Biol** 1984 Oct;8(10):758–65 (56 ref.) **(Fre)**

[Can the results of pulmonary function tests and evidence of tobacco-related respiratory symptoms be used to dissuade adolescents from smoking?] Neukirch F, et al. **Rev Epidemiol Sante Publique** 1984;32(5):295–300 (Eng. Abstr.) **(Fre)**

[A new questionnaire for the detection of causes of lung and respiratory tract diseases] Kronenberger H, et al. **Prax Klin Pneumol** 1985 Jul;39(7):233–51 (Eng. Abstr.) **(Ger)**

[Air conditioning of workplaces and pathology of the upper airway] Caprioli R, et al. **Med Lav** 1984 Sep–Oct;75(5):385–92 (Eng. Abstr.) **(Ita)**

[Subjective evaluation of health status and opinions with regard to harmful environmental factors of the population of Płock] Krzyżanowski M. **Przegl Epidemiol** 1984;38(3):295–300 (Eng. Abstr.) **(Pol)**

[Diaphragmatic hernia and respiratory tract diseases in the light of observed cases] Mazur H. **Wiad Lek** 1985 Apr 1;38(7):528–36 (Eng. Abstr.) **(Pol)**

[Bleomycin and anesthesia (letter)] Gilsanz FJ. **Rev Esp Anestesiol Reanim** 1984 Jul–Aug;31(4):173–4 **(Spa)**

[Evaluation of respiratory damage in a cement-producing region of the Mexican Republic] Díaz Mejía GS, et al. **Salud Publica Mex** 1984 Sep–Oct;26(5):438–46 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Elevated levels of substances immunologically cross-reactive with insulin in blood of patients with malignant and nonmalignant pulmonary tissue proliferation. Baltić V, et al. **Oncology** 1985;42(3):174–8

[Development of the immune system and the state of immunological reactivity in pathological processes in children] Mikaĭlova ZM. **Vestn Akad Med Nauk SSSR** 1985;(6):7–12 (Eng. Abstr.) **(Rus)**

[Immunology and respiratory clinical practice] Undurraga A. **Rev Med Chil** 1984 Jul;112(7):719–28 (Eng. Abstr.) **(Spa)**

METABOLISM

Interferon production in children with respiratory diseases. Vaněček K, et al. **Acta Paediatr Scand** 1985 Jan;74(1):118–21

Relationship between arterial and end-tidal CO2 tensions [letter] Fletcher R. **Crit Care Med** 1985 Jul;13(7):610–1

[Prostaglandins in various diseases in children and adolescents] Markov KhM. **Vestn Akad Med Nauk SSSR** 1985;(6):13–8 (Eng. Abstr.) **(Rus)**

[Alpha 1-antitrypsin in nasopharyngeal secretions in acute respiratory diseases] Kapellerová A, et al. **Cesk Pediatr** 1984 Sep;39(9):501–2 (Eng. Abstr.) **(Slo)**

MORTALITY

The seasonality of infant deaths due to diarrheal and respiratory diseases in southern Brazil, 1974–1978. Victora CG, et al. **Bull Pan Am Health Organ** 1985;19(1):29–39

Outcome of respiratory intensive care for the elderly. McLean RF, et al. **Crit Care Med** 1985 Aug;13(8):625–9

Immediate and long-term survival in patients admitted to a respiratory ICU. Potgieter PD, et al. **Crit Care Med** 1985 Oct;13(10):798–802

[Validity of mortality data in respiratory diseases in France and 7 other countries of the E.E.C.] Neukirch F, et al. **Rev Mal Respir** 1984;1(6):361–7 (Eng. Abstr.) **(Fre)**

[Analysis of mortality in Płock 1981–1982] Krzyżanowski M, et al. **Przegl Epidemiol** 1984;38(3):301–5 (Eng. Abstr.) **(Pol)**

[Descriptive epidemiologic study of the mortality of diseases of the respiratory tract. Spain 1900–1978. I. Chronic respiratory diseases] Benavides FG, et al. **Rev Sanid Hig Publica (Madr)** 1984 Mar–Apr;58(3–4):245–62 (Eng. Abstr.) **(Spa)**

OCCURRENCE

Gastrointestinal and respiratory illnesses in breast-fed infants [letter] Cunningham AS. **Am J Dis Child** 1985 Apr;139(4):329–30

Acute respiratory disease hospitalizations as a measure of impact of epidemic influenza. Perrotta DM, et al. **Am J Epidemiol** 1985 Sep;122(3):468–76

A prospective study of swimming-related illness. I. Swimming-associated health risk. Seyfried PL, et al. **Am J Public Health** 1985 Sep;75(9):1068–70

The childhood health effects of an improved water supply system on a remote Panamanian island. Ryder RW, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):921–4

Microbial incidence in upper respiratory tracts of workers in the paper industry. Niemelä SI, et al. **Appl Environ Microbiol** 1985 Jul;50(1):163–8

Morbidity during the preschool years. Fergusson DM, et al. **Aust Paediatr J** 1984 Nov;20(4):281–7

Lower respiratory disease in Indian and non-Indian infants. Evers S, et al. **Can J Public Health** 1985 May–Jun;76(3):195–8

Immediate effects of a sandstorm on asthma and other respiratory problems. Unger DL. **Chest** 1985 Apr;87(4):543–4

The Hamilton study: distribution of factors confounding the relationship between air quality and respiratory health. Pengelly LD, et al. **J Air Pollut Control Assoc** 1984 Oct;34(10):1039–43

The prevalence of respiratory symptoms among farmers and ranchers in southeastern South Dakota. Schlenker EH, et al. **SD J Med** 1985 Jul;38(7):5–9

[Tuberculous and nontuberculous diseases of the respiratory system in Bohemia as a public health problem and the most important possibilities of its control] Trefný J, et al. **Cesk Zdrav** 1985 Mar;33(3):108–15 (Eng. Abstr.) **(Cze)**

[Epidemiologic study of the health effects of atmospheric waste from an industrial and household refuse incineration plant] Zmirou D, et al. **Rev Epidemiol Sante Publique** 1984;32(6):391–7 (Eng. Abstr.) **(Fre)**

[Computer analysis findings in acute patients treated in the pulmonological department] Tuckányuk K, et al. **Prax Klin Pneumol** 1985 Mar;39(3):96–8 (Eng. Abstr.) **(Ger)**

[Respiratory function tests and longitudinal anamnestic data in a group of children in Berlin (West)] Havestadt C. **Schriftenr Ver Wasser Boden Lufthyg** 1984;59:165–9 **(Ger)**

[Epidemiologic approach to chronic and recurrent respiratory diseases in adolescents] Aversa C, et al. **Arch Monaldi** 1984 Jan–Apr;39(1–2):61–74 (Eng. Abstr.) **(Ita)**

[Research on pathology prevalent in old age] Javicoli R. **Clin Ter** 1984 Aug 15;110(3):259–64 (Eng. Abstr.) **(Ita)**

[The respiratory system in children aged 9–10 years from 3 areas differing in the degree of air pollution] Gruszczyński J, et al. **Pneumonol Pol** 1984 Nov–Dec;52(11–12):563–7 (Eng. Abstr.) **(Pol)**

[Respiratory emergencies in pediatrics (with the exception of neonates)] Martínez Valverde A, et al. **An Esp Pediatr** 1984 Sep 30;21(4):343–8 **(Spa)**

PATHOLOGY

[Endoscopic analysis of peripheral airway lesions] Tanaka M. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Nov;22(11):953–60 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

15-Hydroxyeicosatetraenoic acid is a potent inflammatory mediator and agonist of canine tracheal mucus secretion. Johnson HG, et al. **Am Rev Respir Dis** 1985 Jun;131(6):917–22

Fall in vital capacity with posture. Allen SM, et al. **Br J Dis Chest** 1985 Jul;79(3):267–71

Upper airway disease and bronchial hyperreactivity. Eggleston PA, et al. **Clin Rev Allergy** 1984 Nov;2(4):429–41 (69 ref.)

[Risks and considerations in air travel for patients with lung or heart disorders] de Leeuwe JN. **Ned Tijdschr Geneeskd** 1985 Jun 29;129(26):1228–30 **(Dut)**

[Mucociliary function and diseases of the upper respiratory tract] Nuutinen J. **Duodecim** 1985;101(7):683–97 **(Fin)**

[Physiological and pathophysiological connections of the upper and lower airways with special reference to

immunological and nonimmunological diseases of the respiratory tract] Kunkel G. **Internist (Berlin)** 1985 Apr;26(4):195-200 **(Ger)**
[Role of prostaglandins in the physiology and physiopathology of the respiratory system] Popescu CM, et al. **Rev Ig [Pneumoftiziol]** 1984 Jul-Sep;33(3):195-206 (19 ref.) **(Rum)**

PREVENTION & CONTROL

Decreasing the incidence of upper airway bleeding when using a large-size nasotracheal tube [letter] Quintin L, et al. **Anesthesiology** 1985 Mar;62(3):374
Respiratory disease prevention and control. Report of a joint WHO/IUAT meeting held in Paris, 28-31 March 1983. **Bull Int Union Tuberc** 1984 Mar-Jun;59(1-2):54-62
Are postoperative pulmonary complications preventable? [letter] **Lancet** 1984 Dec 15;2(8416):1398
Recommended health-based occupational exposure limits for respiratory irritants. Report of a WHO Study Group. **WHO Tech Rep Ser** 1984;707:1-154 (468 ref.)
[The effect of the use of saunas on morbidity due to respiratory diseases in children attending nurseries] Samánková L. **Cesk Pediatr** 1985 Aug;40(8):469-71 (Eng. Abstr.) **(Cze)**
[Prevention of early respiratory complications in esophageal surgery by ventilation of the independent lungs] Neidhardt A, et al. **Cah Anesthesiol** 1984 Dec;32(8):613-6 (Eng. Abstr.) **(Fre)**
[Dispensary observation of patients with nonspecific respiratory diseases--rural inhabitants] Butorov IV, et al. **Probl Tuberk** 1985;(4):14-7 (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

[Inhalation aerosol scintigraphy of the lungs in childhood] Suchý M, et al. **Cesk Pediatr** 1985 Aug;40(8):440-6 (Eng. Abstr.) **(Cze)**

REHABILITATION

Physical conditioning in children with cardiorespiratory disease. Bar-Or O. **Exerc Sport Sci Rev** 1985;13:305-34 (171 ref.)
[Physical therapy in respiratory diseases] Cegla UH. **Fortschr Med** 1985 Jun 20;103(23):619-21 (Eng. Abstr.) **(Ger)**

THERAPY

Does chest physical therapy work? Kirilloff LH, et al. **Chest** 1985 Sep;88(3):436-44 (35 ref.)
Use of high-frequency jet ventilation to prevent aspiration in a patient with an uncuffed tracheostomy tube. Hess D, et al. **Crit Care Med** 1984 Oct;12(10):918-9
[Possibilities of therapy using continuous negative pressure in the neonatal unit] Kilianová E, et al. **Cesk Pediatr** 1984 Aug;39(8):451-2 (Eng. Abstr.) **(Cze)**
[Therapeutic use of staphylococcal phagolysates in chronic and recurrent respiratory diseases] Kynčlová S. **Cesk Pediatr** 1984 Nov;39(11):646-51 (Eng. Abstr.) **(Cze)**
[Artificial ventilation in the home of patients with a respiratory disorder of neurologic origin] Goulon M, et al. **Bull Acad Natl Med (Paris)** 1984 Mar-Apr;168(3-4):448-54 (Eng. Abstr.) **(Fre)**
[The expected and real role of a physician in the opinion of patients with chronic respiratory tract diseases] Kuś L, et al. **Pol Tyg Lek** 1985 Jan 7;40(1):25-9 **(Pol)**
[Efficacy of treatment with antiallergic globulin and bronhodin in chronic respiratory diseases] Chirilă M, et al. **Rev Ig [Bacteriol]** 1984 Jul-Sep;29(3):223-9 (Eng. Abstr.) **(Rum)**
[Effectiveness of the dispensary care for patients with chronic nonspecific respiratory diseases] Shur MA. **Sov Zdravookhr** 1985;(1):17-9 **(Rus)**

VETERINARY

Prevalence of antibodies to porcine adenovirus in swine by indirect fluorescent antibody test. Dea S, et al. **Am J Vet Res** 1984 Oct;45(10):2109-12
Endoscopic and virological observations on respiratory disease in a group of young Thoroughbred horses in training. Burrell MH. **Equine Vet J** 1985 Mar;17(2):99-103
Tracheobronchoscopy: a clear view of a confused field? [editorial] Lane JG. **Equine Vet J** 1984 Nov;16(6):483-4
Collection and evaluation of tracheobronchial washes in the horse. Whitwell KE, et al. **Equine Vet J** 1984 Nov;16(6):499-508
Differential diagnosis of equine respiratory noises. Gerring EL. **In Pract** 1985 Jul;7(4):109-17
Inclusions in equine cytologic specimens. Freeman KP, et al. **J Am Vet Med Assoc** 1985 Feb 15;186(4):359-64
Upper respiratory tract obstruction caused by a pharyngeal abscess in a filly. Sweeney CR, et al. **J Am Vet Med Assoc** 1985 Aug 1;187(3):268-70
Non-neoplastic lesions of female virgin Han:NMRI mice, incidence and influence of food restriction throughout life span. II: Respiratory tract. Rehm S, et al. **Lab Anim** 1985 Jul;19(3):224-35
Respiratory disease in thoroughbreds [letter] Burrell MH. **Vet Rec** 1984 Dec 1;115(22):583
Pulmonary haemodynamics in healthy calves and in calves suffering from respiratory disorders. Nuytten J, et al. **Zentralbl Veterinarmed [A]** 1985 Feb;32(2):81-5

RESPIRATORY TRACT INFECTIONS

Pleuropulmonary melioidosis in a Cambodian refugee. Chan CK, et al. **Can Med Assoc J** 1984 Dec 1;131(11):1365-7
A British view of acute respiratory infections in children. Warner JO. **Indian J Pediatr** 1984 May-Jun;51(410):349-54
[Epidemiology and etiology of acute infections of the lower respiratory tract] Filloy-Yague L. **Bol Med Hosp Infant Mex** 1985 May;42(5):337-41 (Eng. Abstr.) **(Spa)**

BLOOD

Subclinical trace element deficiency in children with undue susceptibility to infections. Bondestam M, et al. **Acta Paediatr Scand** 1985 Jul;74(4):515-20
C-reactive protein in respiratory virus infections. Ruuskanen O, et al. **J Pediatr** 1985 Jul;107(1):97-100

CHEMICALLY INDUCED

Studies on the state of health of the workers employed at the trans-shipment of aluminium oxide in the port of Gdynia. Tomaszewski R, et al. **Bull Inst Marit Trop Med Gdynia** 1983;34(1-2):54-62

COMPLICATIONS

The relationship of respiratory infections in early childhood to the occurrence of increased levels of bronchial responsiveness and atopy. Weiss ST, et al. **Am Rev Respir Dis** 1985 Apr;131(4):573-8
Inflammation and the onset of myocardial infarction. Spodick DH. **Ann Intern Med** 1985 May;102(5):699-702
Factors affecting development of peritonitis in continuous ambulatory peritoneal dialysis [letter] Freeman R, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):318-9
The precipitation of asthma by upper respiratory infections. Busse WW. **Chest** 1985 Jan;87(1 Suppl):44S-48S (21 ref.)
Gallium-67 imaging in dilated cardiomyopathy secondary to viral infection. Huang TY. **Clin Nucl Med** 1985 Jun;10(6):432-3
Fulminant pulmonary coccidioidomycosis in association with Coxsackie B4 infection. Gururaj VJ, et al. **Clin Pediatr (Phila)** 1985 Jul;24(7):406-8
Sleep apnea contributing to respiratory failure in the Mounier-Kuhn syndrome. Votto JJ, et al. **Conn Med** 1985 Feb;49(2):73-6
Respiratory infection as a trigger for sudden infant death syndrome. Franciosi RA. **Minn Med** 1985 Apr;68(4):271-2
Increase in proteinuria and/or microhematuria following upper respiratory tract infections in patients with IgA nephropathy. Miura M, et al. **Tokai J Exp Clin Med** 1984 Jun;9(2):139-45
[Reactive arthritis after viral infection and HLA] Hrnčířová L, et al. **Vnitr Lek** 1984 Oct;30(10):1015-9 (Eng. Abstr.) **(Cze)**
[Meningitis as a complication of bacterial infections or csf leakage] Korpilahti K, et al. **Duodecim** 1984;100(15):925-33 (Eng. Abstr.) **(Fin)**
[Sports during commonplace infections? (letter)] Baumgartl P. **Dtsch Med Wochenschr** 1984 Sep 14;109(37): 1423 **(Ger)**
[Special infections of the respiratory tract in children] Schaad UB. **Schweiz Med Wochenschr** 1985 Jan 19;115(3):86-9 (Eng. Abstr.) **(Ger)**
[Causes of recurrence of bronchial obstruction syndrome in children with acute respiratory viral infections] Tatochenko VK, et al. **Pediatriia** 1984 Sep;(9):21-3 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Blind use of the double-lumen plugged catheter for diagnosis of respiratory tract infections in critically ill children. Zucker A, et al. **Crit Care Med** 1984 Oct;12(10):867-70
How should primary health workers diagnose and treat acute respiratory infections (A R I)? Wafula EM, et al. **East Afr Med J** 1984 Oct;61(10):736-44
Otolaryngologic manifestations of orbital pseudotumors. Fortson JK, et al. **Otolaryngol Head Neck Surg** 1980 Jul-Aug;88(4):342-8
Clinching the diagnosis--sputum and other specimens in respiratory tract infection. Pritchard RC. **Pathology** 1984 Jul;16(3):345-9
What's new in the diagnosis of viral respiratory infections in children. Part 1. Chonmaitree T, et al. **Tex Med** 1985 Feb;81(2):39-42 (14 ref.)
[Microscopical evaluation of sputum smears for the etiological diagnosis of patients with bacterial respiratory infections] Nishioka K, et al. **Rinsho Byori** 1985 Jun;33(6):688-92 **(Jpn)**
[Clinical course of the respiratory form of Mycoplasma infection in children] Mokhammad AM, et al. **Pediatriia** 1984 Sep;(9):56-9 **(Rus)**
[Cardiovascular lesion in ischemic heart disease patients with acute infections of the respiratory tract not confirmed by laboratory tests] Bogomolov BP, et al. **Ter Arkh** 1985;57(3):135-41 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Penetration of erythromycin in respiratory tract infections. Walstad RA, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;407:50-4
Intensive treatment of pseudomonas chest infection in cystic fibrosis: a comparison of tobramycin and ticarcillin, and netilmicin and ticarcillin. Conway SP, et al. **Acta Paediatr Scand** 1985 Jan;74(1):107-13
Edetate sodium aerosol in Pseudomonas lung infection in cystic fibrosis. Brown J, et al. **Am J Dis Child** 1985 Aug;139(8):836-9
Imipenem/cilastatin: general experience in a community hospital. Iannini PB, et al. **Am J Med** 1985 Jun 7;78(6A):122-6
Efficacy and safety of aztreonam versus tobramycin for aerobic gram-negative bacilli lower respiratory tract infections. Rodriguez JR, et al. **Am J Med** 1985 Feb 1;78(2A):42-3
Use of ceftazidime in the treatment of nosocomial lower respiratory infections. Trenholme GM, et al. **Am J Med** 1985 Aug 9;79(2A):32-6
Efficacy and safety of aztreonam-clindamycin versus tobramycin-clindamycin in the treatment of lower respiratory tract infections caused by aerobic gram-negative bacilli. Rodríguez JR, et al. **Antimicrob Agents Chemother** 1985 Feb;27(2):246-51
Amoxicillin-clavulanic acid in the treatment of lower respiratory tract infections caused by beta-lactamase-positive Haemophilus influenzae and Branhamella catarrhalis. Wallace RJ Jr, et al. **Antimicrob Agents Chemother** 1985 Jun;27(6):912-5
Acute lower respiratory tract infections in children: possible criteria for selection of patients for antibiotic therapy and hospital admission. Shann F, et al. **Bull WHO** 1984;62(5):749-53
The emergence of resistance to beta-lactam antibiotics during treatment of Pseudomonas aeruginosa lower respiratory tract infections: is combination therapy the solution? Nichols L, et al. **Chemioterapia** 1985 Feb;4(1):102-9
Efficacy of ceftizoxime administered twice daily in hospitalized patients with respiratory tract infections. Lentnek A, et al. **Clin Ther** 1984;7(1):33-9
Asian multicenter trial of cefoperazone in respiratory tract infection. Matsumoto K, et al. **Clin Ther** 1984;6(6):824-3
Clinical experience with aztreonam in urinary and respiratory tract infections. Hollingsworth JA, et al. **Curr Med Res Opin** 1984;9(5):316-22
Temocillin in the treatment of chest infections. Gray JM, et al. **Drugs** 1985;29 Suppl 5:197-200
Clinical efficacy, tolerance and pharmacokinetics of temocillin in patients with respiratory tract infections. Legge JS, et al. **Drugs** 1985;29 Suppl 5:118-21
Results of the clinical trials in France. Ghanassia JP. **G Ital Chemioter** 1982;29 Suppl 1:187-91
Clinical study on the efficacy of clofoctol in the treatment of infectious respiratory diseases. Danesi R, et al. **Int J Clin Pharmacol Res** 1985;5(3):175-9
Clinical evaluation of cefotiam and cefamandole in respiratory tract infections. Beumer HM, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Feb;23(2):105-
A combination of cefuroxime and N-acetyl-cysteine for the treatment of lower respiratory tract infections in children. Santangelo G, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 May;23(5):279-81
A comparison of cefotaxime and cefoperazone in respiratory tract infections. Garcia-Rodriguez JA, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:301-6
Ceftriaxone in acute purulent exacerbations of chronic bronchitis. Maesen FP, et al. **J Antimicrob Chemother** 1984 Dec;14(6):653-60
Dosage of tobramycin in cystic fibrosis--a short report. Chrystyn H, et al. **J Clin Hosp Pharm** 1985 Jun;10(2):219-20
Lower respiratory tract infections in childhood [editorial] **Lancet** 1985 Mar 30;1(8431):734-5
Controlled trial of ceftazidime vs. ticarcillin and tobramycin in the treatment of acute respiratory exacerbations in patients with cystic fibrosis. Gold R, et al. **Pediatr Infect Dis** 1985 Mar-Apr;4(2):172-7
Comparison of cefonicid and cefamandole for the treatment of community-acquired infections of the lower respiratory tract. Geckler RW, et al. **Rev Infect Dis** 1984 Nov-Dec 6 Suppl 4:S847-52
An overview: evaluation of cefonicid in infections of the urinary tract, lower respiratory tract, and skin and soft tissue. Kaye D. **Rev Infect Dis** 1984 Nov-Dec;6 Suppl 4:S835-8
Trimethoprim alone compared to co-trimoxazole in lower respiratory infections: pharmacokinetics and clinical effectiveness. Brumfitt W, et al. **Scand J Infect Dis** 1985;17(1):99-105
Bacterial infections of the upper respiratory airways and beta-lactam antibiotics. Lundberg C. **Scand J Infect Dis [Suppl]** 1984;42:122-8
Clindamycin in the upper respiratory tract infections. Lundberg C, et al. **Scand J Infect Dis [Suppl]** 1984;43:50-
Beta-lactam antibiotics in lower respiratory tract infections. Schreiner A. **Scand J Infect Dis [Suppl]** 1984;42:129-34
Use of clindamycin in lower respiratory tract infections. Schreiner A. **Scand J Infect Dis [Suppl]** 1984;43:56-61
What's new in the treatment of viral respiratory infections in children. Part II. Chonmaitree T, et al. **Tex Med** 1985 Feb;81(2):43-4 (19 ref.)
Adverse reactions to piperacillin in adults with cystic fibrosis

Stead RJ, et al. **Thorax** 1985 Mar;40(3):184-6

[Changes in IgA levels in nasal mucus after upper respiratory tract diseases in infants treated with carbocysteine] Henocq A, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(5):373-5 (Eng. Abstr.) **(Fre)**

[The respiratory system: anti-infectious strategy in 1984] **LARC Med** 1984 Nov;4(9):566-7 **(Fre)**

[A new quinolone (pefloxacine) in bronchopulmonary superinfections in cystic fibrosis] Reineri P, et al. **Pediatrie** 1984 Oct-Dec;39(7):597-8 **(Fre)**

[Cefaclor in the treatment of respiratory tract infections in children] Klech H, et al. **Padiatr Padol** 1985;20(3):297-306 (Eng. Abstr.) **(Ger)**

[Antibiotic therapy in bronchopulmonary infections] Schädelin J. **Schweiz Med Wochenschr** 1985 Jan 19; 115(3):90-2 (Eng. Abstr.) **(Ger)**

[Use of antibiotics in medical practice. Round Table] Lüthy R, et al. **Verh Dtsch Ges Inn Med** 1984;90 Pt 1:221-8 **(Ger)**

[Netilmicin in the treatment of respiratory infections] Marsico SA, et al. **Arch Monaldi** 1984 Jan-Apr;39(1-2):53-60 (Eng. Abstr.) **(Ita)**

[Effects of xibornol on mucociliary clearance in patients with chronic bronchopathy in an acute phase] Olivieri D, et al. **Arch Monaldi** 1984 Jul-Aug;39(4):301-6 (Eng. Abstr.) **(Ita)**

[Clinical evaluation of the therapeutic efficacy of xibornol in acute infections in chronic pulmonary diseases (controlled clinical study)] Olivieri D, et al. **Arch Monaldi** 1984 Jul-Aug;39(4):289-300 (Eng. Abstr.) **(Ita)**

[Evaluation of the use of oral cefatrizine in the treatment of acute bacterial infections of the respiratory tract] Cafiero F, et al. **Clin Ter** 1985 Apr 15;113(1):29-32 (Eng. Abstr.) **(Ita)**

[Use of a new macrolide in elderly patients] Bertoni L, et al. **G Ital Chemioter** 1982;29 Suppl 1:181-6 (Eng. Abstr.) **(Ita)**

[Experience in using josamycin in pediatrics] Careddu P, et al. **G Ital Chemioter** 1982;29 Suppl 1:141-6 (Eng. Abstr.) **(Ita)**

[Josamycin in streptococcal infections and pertussis] Cascio G, et al. **G Ital Chemioter** 1982;29 Suppl 1:135-9 (Eng. Abstr.) **(Ita)**

[Respiratory infections in chronic bronchopneumopathies: treatment with ceftizoxime] Foddai GA, et al. **G Ital Chemioter** 1984 Sep-Dec;31(3):238-41 (Eng. Abstr.) **(Ita)**

[Clinical experience with cefonicid in infectious pneumopathies] Guarino C, et al. **G Ital Chemioter** 1984 Sep-Dec;31(3):259-65 (Eng. Abstr.) **(Ita)**

[Josamycin in pneumonology: comparison of 2 different dosage schedules] Paradisi F, et al. **G Ital Chemioter** 1982; 29 Suppl 1:123-8 (Eng. Abstr.) **(Ita)**

[Josamycin in respiratory pathology in children being treated with theophylline] Vallarino G, et al. **G Ital Chemioter** 1982;29 Suppl 1:129-33 (Eng. Abstr.) **(Ita)**

[Treatment of acute respiratory infections in childhood with a new cephalosporin, ceftriaxone] Berni Canani M, et al. **Pediatr Med Chir** 1984 Mar-Apr;6(2):277-80 (Eng. Abstr.) **(Ita)**

[Effect of a treatment with methisoprinol on the frequency and duration of infectious respiratory and urinary episodes in the elderly] Meroni PL, et al. **Recenti Prog Med** 1984 Dec;75(12):1081-8 (Eng. Abstr.) **(Ita)**

[Clinical studies on ceftriaxone in the pediatric field] Aoyama R, et al. **Jpn J Antibiot** 1984 Nov;37(11):2012-4 (Eng. Abstr.) **(Jpn)**

[Clinical and pharmacokinetic evaluation of ceftriaxone in children] Fujita K, et al. **Jpn J Antibiot** 1984 Dec; 37(12):2271-82 (Eng. Abstr.) **(Jpn)**

[Clinical studies on TMS-19-Q.O tablet in respiratory tract infection] Hara K, et al. **Jpn J Antibiot** 1985 Mar; 38(3):553-74 (Eng. Abstr.) **(Jpn)**

[Laboratory and clinical studies on cefminox in the pediatric field] Hosoda T, et al. **Jpn J Antibiot** 1985 Mar;38(3):766-72 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of cefminox in pediatric field] Ichihara K, et al. **Jpn J Antibiot** 1985 Mar;38(3):693-704 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of carbenicillin in a daily dose of 10 g in chronic airway infections] Ito A, et al. **Jpn J Antibiot** 1984 May;37(5):829-34 (Eng. Abstr.) **(Jpn)**

[Fundamental and clinical studies on cefminox in the field of pediatrics] Iwai N, et al. **Jpn J Antibiot** 1985 Mar; 38(3):705-19 (Eng. Abstr.) **(Jpn)**

[Clinical studies on cefoxitin in the treatment of respiratory tract infections] Kuwabara M, et al. **Jpn J Antibiot** 1984 Sep;37(9):1685-93 (Eng. Abstr.) **(Jpn)**

[Clinical study on sulbactam/cefoperazone in the field of pediatrics] Minamitani M, et al. **Jpn J Antibiot** 1984 Oct; 37(10):1801-11 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of ceftriaxone in pediatric infections] Ohnuma M, et al. **Jpn J Antibiot** 1984 Nov;37(11):2015-20 (Eng. Abstr.) **(Jpn)**

[Fundamental and clinical studies of intravenous drip infusion of micronomicin in respiratory tract infection] Oshitani H, et al. **Jpn J Antibiot** 1984 Sep;37(9):1603-6 (Eng. Abstr.) **(Jpn)**

[Evaluation of ceftizoxime in the treatment of respiratory tract infections] Shimokata K, et al. **Jpn J Antibiot** 1985 Apr;38(4):1029-36 (Eng. Abstr.) **(Jpn)**

[Fundamental and clinical evaluation of ceftriaxone in the pediatric field] Sunakawa K, et al. **Jpn J Antibiot** 1984 Nov;37(11):2102-10 (Eng. Abstr.) **(Jpn)**

[Clinical studies on netilmicin] Takii M, et al. **Jpn J Antibiot** 1984 May;37(5):802-6 (Eng. Abstr.) **(Jpn)**

[Comparative clinical study of enoxacin (AT-2266, ENX) and cefaclor (CCL) in chronic respiratory tract infections by a double-blind method] Hara K, et al. **Kansenshogaku Zasshi** 1984 Oct;58(10):1046-72 (Eng. Abstr.) **(Jpn)**

[Comparative clinical study of ceftazidime and cefotiam for respiratory tract infections by a double-blind method] Hara K, et al. **Kansenshogaku Zasshi** 1984 Jul;58(7):663-702 (Eng. Abstr.) **(Jpn)**

[Comparison of DL-8280 and amoxicillin in the treatment of respiratory tract infections] Kobayashi H, et al. **Kansenshogaku Zasshi** 1984 Jun;58(6):525-55 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of oxaprozin in the treatment of acute upper respiratory tract inflammations--a double-blind comparative study using ibuprofen as the control drug] Matsumoto K, et al. **Kansenshogaku Zasshi** 1984 Jul; 58(7):628-46 (Eng. Abstr.) **(Jpn)**

[A comparative study between cefminox (MT-141) and cefotaxime in respiratory tract infections] Miki F, et al. **Kansenshogaku Zasshi** 1985 Feb;59(2):115-63 (Eng. Abstr.) **(Jpn)**

[A double-blind comparative study of aspoxicillin and piperacillin in the treatment of respiratory tract infections] Saito A, et al. **Kansenshogaku Zasshi** 1985 Feb; 59(2):164-200 (Eng. Abstr.) **(Jpn)**

[A double-blind clinical evaluation of flurbiprofen on acute upper respiratory tract inflammation--comparative study with ibuprofen] Tamura M, et al. **Kansenshogaku Zasshi** 1984 Dec;58(12):1289-303 (Eng. Abstr.) **(Jpn)**

[Treatment: recent progress in antimicrobial chemotherapy] Oizumi K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Feb;23(2):165-70 (Eng. Abstr.) **(Jpn)**

[Rationale for the use of proteolysis inhibitors as etiopathogenetic agents in respiratory viral infections in children] Buĭko VP, et al. **Pediatriia** 1984 Sep;(9):23-6 (Eng. Abstr.) **(Rus)**

[Expediency of antibacterial therapy of uncomplicated forms of acute respiratory viral infections in children] Nazarova FI, et al. **Pediatriia** 1984 Dec;(12):37-9 **(Rus)**

[Clinical study of the effectiveness and safety of cefadroxil] Dzúriková V, et al. **Bratisl Lek Listy** 1985 Aug; 84(2):175-84 (Eng. Abstr.) **(Slo)**

ECONOMICS

Economic costs of respiratory tract infections in the United States. Dixon RE. **Am J Med** 1985 Jun 28;78(6B):45-51

ENZYMOLOGY

[Enzyme shifts in peripheral blood leukocytes in pneumonia and acute respiratory virus infections] Komissarova IA, et al. **Klin Med (Mosk)** 1984 Jul;62(7):79-82 (Eng. Abstr.) **(Rus)**

[Enzyme profile in the peripheral blood leukocytes in acute respiratory diseases] Braude NA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):72-5 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Woodstoves, formaldehyde, and respiratory disease. Tuthill RW. **Am J Epidemiol** 1984 Dec;120(6):952-5

Recurrent infections with IgG2 deficiency. Plebani A, et al. **Arch Dis Child** 1985 Jul;60(7):670-2

Viral infections of the respiratory tract. Kemp R. **Aust Fam Physician** 1985 May;14(5):366-74

Serological and virological investigations of young children with acute respiratory syndrome associated with respiratory syncytial virus. Tarro G, et al. **Diagn Microbiol Infect Dis** 1985 Jan;3(1):81-5

Viral etiology of acute respiratory infections in south Indian children. Steinhoff MC, et al. **Indian J Med Res** 1985 Apr; 81:349-53

Frequency of febrile illness in Hb E-thalassaemia patients. Swarup-Mitra S, et al. **Indian J Med Res** 1984 Jun; 79:779-82

Virus surveillance in a semi-isolated Arctic military community. Fulton RE, et al. **Milit Med** 1984 Dec; 149(12):639-49

Impaired lung function in patients with IgA deficiency and low levels of IgG2 or IgG3. Björkander J, et al. **N Engl J Med** 1985 Sep 19;313(12):720-4

[Effect of room climate on acute respiratory diseases in day care centers] Wirsing A, et al. **Kinderarztl Prax** 1985 May; 53(5):247-56 (Eng. Abstr.) **(Ger)**

[Role of nutritional disorders in shaping obstructive syndromes in infants in the 1st year of life suffering from acute respiratory infection] Mel'nik AI, et al. **Vopr Pitan** 1985 Jan-Feb;(1):72-3 **(Rus)**

HISTORY

Challenges in clinical virology (1958-1974): a personal viewpoint. Ross CA. **J Infect** 1985 Jul;11(1):7-14

IMMUNOLOGY

Mediators of immediate hypersensitivity in nasal secretions during natural colds and rhinovirus infection. Eggleston PA, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;413:25-35

Selective IgG2 deficiency in a patient with skin and upper respiratory tract infection. White MV, et al. **Ann Allergy** 1985 Jun;54(6):498-501

Inverse relationship between interferon production by mononuclear leucocytes and oxidative metabolism of neutrophil granulocytes in infection prone children. Bondestam M, et al. **Clin Exp Immunol** 1985 Apr; 60(1):196-202

Immunoglobulin levels and function in pre-school children with recurrent respiratory infections. Isaacs D, et al. **Clin Exp Immunol** 1984 Nov;58(2):335-40

Functional deficiency of complement factor D in a monozygous twin. Kluin-Nelemans HC, et al. **Clin Exp Immunol** 1984 Dec;58(3):724-30

Serum IgG subclasses in chronic and recurrent respiratory infections. Stanley PJ, et al. **Clin Exp Immunol** 1984 Dec; 58(3):703-8

The concentrations of IgA and free secretory piece in the nasal secretions of patients with recurrent respiratory infections. Stanley PJ, et al. **Clin Exp Immunol** 1985 Jan; 59(1):197-202

Respiratory infections may reflect deficiencies in host defense mechanisms. Reynolds HY. **DM** 1985 Feb;31(2):1-98

Selective IgA deficiency associated with recurrent sinopulmonary infections in sarcoidosis. Rubinstein I, et al. **Eur J Respir Dis** 1984 Oct;65(7):550-2

The IgG4 subclass is associated with a low affinity antibody response to tetanus toxoid in man. Devey ME, et al. **Immunology** 1985 Jul;55(3):565-7

T lymphocytes in children with recurrent respiratory infections: effect of the use of thymostimulin on the alterations of T-cell subsets. De Martino M, et al. **Int J Tissue React** 1984;6(3):223-8

Effect of specific humoral immunity and some non-specific factors on resistance of volunteers to respiratory coronavirus infection. Callow KA. **J Hyg (Lond)** 1985 Aug; 95(1):173-89

Development of bactericidal antibody during Branhamella catarrhalis infection. Chapman AJ Jr, et al. **J Infect Dis** 1985 May;151(5):878-82

Detection by ELISA of IgG-subclass-specific antibodies in primary respiratory syncytial (RS) virus infections. Hornsleth A, et al. **J Med Virol** 1985 Aug;16(4):321-8

Detection of RS-virus IgG-subclass-specific antibodies: variation according to age in infants and small children and diagnostic value in RS-virus-infected small infants. Hornsleth A, et al. **J Med Virol** 1985 Aug;16(4):329-35

IgG subclasses in nonallergic children with chronic chest symptoms. Smith TF, et al. **J Pediatr** 1984 Dec; 105(6):896-900

Respiratory syncytial virus-specific IgE responses following infection: evidence for a predominantly mucosal response. Welliver RC, et al. **Pediatr Res** 1985 May;19(5):420-4

HLA antigens in selective IgA deficiency: distribution in healthy donors and patients with recurrent respiratory tract infections. Hammarström L, et al. **Tissue Antigens** 1984 Jul; 24(1):35-9

Effects of toluene inhalation on pulmonary host defenses of mice. Aranyi C, et al. **Toxicol Lett** 1985 Apr;25(1):103-10

Respiratory tract immunity in the aged. Ganguly R, et al. **Z Erkr Atmungsorgane** 1984;163(2):112-20

[The IgA deficiency syndrome in children] Ostergaard PA. **Ugeskr Laeger** 1984 Aug 20;146(34):2556-8 (Eng. Abstr.) **(Dan)**

[Value of determining serum and secretory immunoglobulin A (IgA) in recurrent bronchopulmonary infections] Jeguerim MS, et al. **Tunis Med** 1985 Mar;63(3):233-6 (Eng. Abstr.) **(Fre)**

[Immunological and clinical studies for the assessment of immunoreactivity in childhood with special reference to selected disease groups. 2. Immunological studies in children with recurrent upper respiratory tract infections] Eggers G. **Padiatr Grenzgeb** 1985;24(2):127-35 (Eng. Abstr.) **(Ger)**

[Serologic and clinical studies of chlamydial infection in children with respiratory tract infection] Tabuki K, et al. **Kansenshogaku Zasshi** 1984 Jan;58(1):1-8 (Eng. Abstr.) **(Jpn)**

[Leukocytes and peripheral blood lymphocytes in children with recurrent respiratory tract infections] Jankowski A, et al. **Pol Tyg Lek** 1985 May 27;40(21):597-9 (Eng. Abstr.) **(Pol)**

[Immune system in acute, protracted and chronic infectious and inflammatory diseases of the respiratory organs in children] Botvin'eva VV. **Pediatriia** 1985 Jan;(1):21-5 (Eng. Abstr.) **(Rus)**

[Relation between the immunologic reactivity of infants and their manner of feeding] Gutsul TL. **Pediatriia** 1984 Oct; (10):61-2 **(Rus)**

[Circulating immune complexes in infectious diseases] Liashenko IuI, et al. **Sov Med** 1985;(1):27-31 (Eng. Abstr.) **(Rus)**

[Complement in acute respiratory infections] Redžepagić B. **Med Pregl** 1983;36(11-12):495-8 (Eng. Abstr.) **(Scr)**

[Immunobiology of the lower respiratory tree] Sepúlveda R. **Rev Med Chil** 1984 Sep;112(9):951-7 (Eng. Abstr.) **(Spa)**

METABOLISM

Interferon production in children with respiratory diseases. Vaněček K, et al. **Acta Paediatr Scand** 1985 Jan; 74(1):118-21

Whole body protein turnover in malnourished cystic fibrosis patients and its relationship to pulmonary disease. Holt TL, et al. **Am J Clin Nutr** 1985 May;41(5):1061-6

MICROBIOLOGY

Branhamella catarrhalis: an unappreciated pulmonary pathogen. Roth RM, et al. **Am Fam Physician** 1984 Oct; 30(4):169-73

In vitro susceptibilities and beta-lactamase production of 53 clinical isolates of Branhamella catarrhalis. Alvarez S, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):646-7

Severe respiratory infection with Branhamella catarrhalis in an African child. Bogaerts J, et al. **Eur J Pediatr** 1985 Mar; 143(4):303-4

Effect of chemotactins released by Staphylococcus aureus and Pseudomonas aeruginosa on the murine respiratory tract. Sordelli DO, et al. **Infect Immun** 1985 Aug; 49(2):265-9

The sputum gram stain. Cox FR, et al. **J La State Med Soc** 1984 Nov;136(11):51-2

Acute respiratory tract infections of children in hospital: a viral and Mycoplasma pneumoniae profile. Jennings LC, et al. **NZ Med J** 1985 Jul 24;98(783):582-5

Adherence of Haemophilus influenzae to human epithelial cells. Gilsdorf JR, et al. **Scand J Infect Dis** 1984;16(3):271-8

[Simultaneous occurrence of influenza B and influenza A(H1N1) virus in the winter of 1983/84] Masurel N, et al. **Ned Tijdschr Geneeskd** 1984 Oct 27;128(43):2050-1 (Dut)

[Throat cultures in the health center] Mäkela M, et al. **Duodecim** 1985;101(13):1285-92 (Fin)

[Infection causing pathogens in the area of the upper respiratory tract. Bacteriologic diagnosis and chemotherapy from the viewpoint of the bacteriologist] Burkhardt F. **HNO** 1984 Nov;32(11):441-9 (Eng. Abstr.) (Ger)

[Serotypes and antibiotic sensitivity of Streptococcus pneumoniae (pneumococci) in the cologne area (1980-1982)] Lütticken R, et al. **Immun Infekt** 1985 May; 13(3):99-107 (Eng. Abstr.) (Ger)

[Infections of the respiratory tract with Pseudomonas aeruginosa in cystic fibrosis] Winkler U, et al. **Klin Wochenschr** 1985 Jun 3;63(11):490-8 (Eng. Abstr.) (Ger)

[Susceptibility of bacteria isolated from lower respiratory tract infections to antibiotics (1982)] Ikemoto H, et al. **Jpn J Antibiot** 1984 Jul;37(7):1241-62 (Eng. Abstr.) (Jpn)

[Antibiotic sensitivity of Branhamella catarrhalis isolated from respiratory tract infections] Nishioka K, et al. **Jpn J Antibiot** 1984 Jul;37(7):1289-93 (Eng. Abstr.) (Jpn)

[Clinical and bacteriological studies on the method of sampling the bronchial sputum with the brush] Horikoshi H, et al. **Kansenshogaku Zasshi** 1985 Mar;59(3):245-54 (Eng. Abstr.) (Jpn)

[Ecological study on the pathogenic bacteria in pre-clinical chronic lower respiratory tract infections] Matsumoto K, et al. **Kansenshogaku Zasshi** 1984 Jul;58(7):603-12 (Eng. Abstr.) (Jpn)

[5 cases of respiratory tract infections due to Haemophilus parainfluenzae confirmed by transtracheal aspiration] Sawaki M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 May;22(5):407-12 (Eng. Abstr.) (Jpn)

[Methods of obtaining specimens for bacteriologic studies of respiratory infections] Yagi S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Feb;23(2):151-9 (Eng. Abstr.) (Jpn)

[Escherichia coli serotypes occurring in respiratory tract infections] Mróz E, et al. **Med Dosw Mikrobiol** 1984; 36(2):101-6 (Eng. Abstr.) (Pol)

[Gram-negative nonfermenting bacteria in respiratory tract infections] Stankiewicz M, et al. **Med Dosw Mikrobiol** 1985; 37(1):33-40 (Eng. Abstr.) (Pol)

[Characteristics of Haemophilus strains isolated from the respiratory tract of children treated at the Child Health Center] Simm M, et al. **Pol Tyg Lek** 1985 Mar 4;40(9):253-5 (Eng. Abstr.) (Pol)

[Pneumococcal serotypes in various diseases of children] Vinnik AL, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):56-60 (Eng. Abstr.) (Rus)

[Branhamella catarrhalis--a respiratory tract pathogen with the ability to produce beta-lactamases] Malmvall BE. **Lakartidningen** 1984 Oct 24;81(43):3931-2 (Swe)

MORTALITY

The relationship of congenital heart disease and respiratory infection mortality in patients with Down's syndrome. Chaney RH, et al. **J Ment Defic Res** 1985 Mar;29 (Pt 1):23-7

Acute respiratory infections in under-fives: 15 million deaths a year [editorial] **Lancet** 1985 Sep 28;2(8457):699-701

[Descriptive epidemiologic study of mortality from respiratory tract diseases. Spain, 1900-1978. II. Transmissible respiratory diseases] Benavides FG, et al. **Rev Sanid Hig Publica (Madr)** 1984 May-Jun; 58(5-6):437-62 (Eng. Abstr.) (Spa)

OCCURRENCE

An outbreak of respiratory syncytial virus infection in a continuing-care geriatric ward. Mandal SK, et al. **Age Ageing** 1985 May;14(3):184-6

The relationship of mode of infant feeding and location of care to frequency of infection. Agre F. **Am J Dis Child** 1985 Aug;139(8):809-11

Nosocomial infections among patients in a long-term care facility: spectrum, prevalence, and risk factors. Setia U, et al. **Am J Infect Control** 1985 Apr;13(2):57-62

Epidemiology of community-acquired respiratory tract infections in adults. Incidence, etiology, and impact. Garibaldi RA. **Am J Med** 1985 Jun 28;78(6B):32-7

Reactive airway disorders in children. Role of respiratory virus infections. Glezen WP. **Clin Chest Med** 1984 Dec; 5(4):635-43 (87 ref.)

The Pima infant feeding study: breastfeeding and respiratory infections during the first year of life. Forman MR, et al. **Int J Epidemiol** 1984 Dec;13(4):447-53

Acute respiratory infections in the population. Kendall EJ. **J R Soc Med** 1985 Apr;78(4):282-90

Respiratory virus surveillance--United States, January 1985. **MMWR** 1985 Jan 25;34(3):37-8, 43

Carriage of Corynebacterium diphtheriae in children of the Eastern Highlands province. Montgomery J. **Papua New Guinea Med J** 1984 Mar;27(1):20-3

A nosocomial common source outbreak caused by Pseudomonas pickettii. Gardner S, et al. **Pediatr Infect Dis** 1984 Sep-Oct;3(5):420-2

Adenovirus infections in young children. Edwards KM, et al. **Pediatrics** 1985 Sep;76(3):420-4

[Effect of selected factors on morbidity in preschool children] Grosch C, et al. **Kinderarztl Prax** 1985 Feb;53(2):83-7 (Eng. Abstr.) (Ger)

[Bacterial pneumonia among the cases of the phthisiopneumonologic clinic of the Silesian Medical Academy in Zabrze 1971-1982] Zduńczyk-Pawełek H, et al. **Pneumonol Pol** 1984 Nov-Dec;52(11-12):525-30 (Eng. Abstr.) (Pol)

[Method of feeding and the incidence of infections in infants in the first trimester of life] Niżankowska-Błaż T, et al. **Wiad Lek** 1984 Oct 1;37(19):1511-5 (Eng. Abstr.) (Pol)

PARASITOLOGY

Invasion of the human respiratory tracts by trichomonads [letter] Ohkura T, et al. **Am J Trop Med Hyg** 1985 Jul; 34(4):823

PATHOLOGY

Acquired ciliary defects in nasal epithelium of children with acute viral upper respiratory infections. Carson JL, et al. **N Engl J Med** 1985 Feb 21;312(8):463-8

Atypical bronchial cilia in children with recurrent respiratory tract infections. A comparative ultrastructural study. Cornillie FJ, et al. **Pathol Res Pract** 1984 Jul;178(6):595-604

PHYSIOPATHOLOGY

Activation of the impaired nasal mucociliary function. A preliminary clinical study. Nuutinen J. **Acta Otolaryngol (Stockh)** 1985 May-Jun;99(5-6):605-9

In vivo and in vitro studies on the use of the guinea pig as a model for virus-provoked airway hyperreactivity. Buckner CK, et al. **Am Rev Respir Dis** 1985 Aug; 132(2):305-10

Upper respiratory tract infections and airway reactivity in normal and asthmatic subjects. Jenkins CR, et al. **Am Rev Respir Dis** 1984 Nov;130(5):879-83

Studies of bronchial secretion. The influence of inflammatory response and bacterial infection. Pryjma J, et al. **Ann Allergy** 1985 Jan;54(1):60-4

Mechanisms of host defense against respiratory infection. Gaunt PN, et al. **Int Anesthesiol Clin** 1984 Winter; 22(4):113-29 (25 ref.)

Association of respiratory viral infections with pulmonary deterioration in patients with cystic fibrosis. Wang EE, et al. **N Engl J Med** 1984 Dec 27;311(26):1653-8

The evaluation of the child with recurrent chest infections. Rubin BK. **Pediatr Infect Dis** 1985 Jan-Feb;4(1):88-98 (75 ref.)

PREVENTION & CONTROL

Respiratory tract infections. Goals for 1995. Eickhoff TC. **Am J Med** 1985 Jun 28;78(6B):58-62

Emerging perspectives in management and prevention of respiratory tract infections. An overview. Eickhoff TC. **Am J Med** 1985 Jun 28;78(6B):29-31

Emerging perspectives in management and prevention of infections of the respiratory tract in infants and children. Klein JO. **Am J Med** 1985 Jun 28;78(6B):38-44

Benefit of intravenous IgG replacement in hypogammaglobulinemic patients with chronic sinopulmonary disease. Roifman CM, et al. **Am J Med** 1985 Aug;79(2):171-4

Liver transplants in children: importance for the otolaryngologist. Reilly JS, et al. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):494-7

Prevention of infection in high risk biliary operations. Karran SJ, et al. **Antibiot Chemother** 1985;33:59-72 (20 ref.)

Duration of effect of interferon aerosol prophylaxis of vesicular stomatitis virus infection in mice. Wyde PR, et al. **Antimicrob Agents Chemother** 1985 Jan;27(1):60-4

Prophylactic efficacy and tolerance of low-dose intranasal interferon-alpha 2 in natural respiratory viral infections. Hayden FG, et al. **Antiviral Res** 1985 Apr;5(2):111-6

Acute respiratory infections in children. possible control measures. Mohs E. **Bull Pan Am Health Organ** 1985; 19(1):82-7

Intranasal interferon-alpha 2 prophylaxis of natural respiratory virus infection. Douglas RM, et al. **J Infect Dis** 1985 Apr;151(4):731-6

Prevention of respiratory infections. Marcy SM. **Pediatr Infect Dis** 1985 Jul-Aug;4(4):442-6 (44 ref.)

[A program for the campaign against acute infections of the respiratory tract in children: memorandum of a meeting of the WHO] **Bull Int Union Tuberc** 1984 Sep;59(3):115-22 (Fre)

[Prevention of respiratory virus diseases] Baumgarten R. **Z Arztl Fortbild (Jena)** 1985;79(6):229-30 (Ger)

[Epidemiological trial of the prophylactic effectiveness of the interferon inducer dipyridamole with respect to influenza and acute respiratory diseases] Kuzmov K, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):26-30 (Eng. Abstr.) (Rus)

[Prophylactic value of vitamin C in acute respiratory tract infections in schoolchildren] Bancalari A, et al. **Rev Med Chil** 1984 Sep;112(9):871-6 (Eng. Abstr.) (Spa)

RADIOGRAPHY

Chest x-rays in children with acute respiratory infections or bronchospasm at Kenyatta National Hospital. Wafula EM, et al. **East Afr Med J** 1984 Dec;61(12):900-6

Postmortem radiographic, histological and bacteriological studies of terminal respiratory infections and other pulmonary lesions in hospital and non-hospital necropsies. Pääkkö P, et al. **J Clin Pathol** 1984 Nov;37(11):1282-8

THERAPY

Respiratory tract infections. Bampton J. **Aust Fam Physician** 1985 May;14(5):402-3, 407, 410

Bacillus subtilis spores as a natural pro-host oral agent. Preliminary data in children. Novelli A, et al. **Chemioterapia** 1984 Jun;3(3):152-5

The in vitro effect of thymic polypeptide on peripheral lymphocytes of children with respiratory diseases and a preliminary observation of its therapeutic efficacy. Li ZM, et al. **Chin Med J [Engl]** 1984 Aug;97(8):593-8

[Immunotherapy with Broncho-Vaxom in the treatment and prevention of recurrent inflammations of the respiratory system] Král B, et al. **Cas Lek Cesk** 1984 Sep 28; 123(38-39):1201-4 (Eng. Abstr.) (Cze)

[The value of supplementary spontaneous positive and expiratory pressure in the treatment of acute lower respiratory disease in children. A prospective randomized study] Carlsen NL, et al. **Ugeskr Laeger** 1984 Jul 2; 146(27):2012-4 (Eng. Abstr.) (Dan)

[New problems in pulmonary infections. Limitations in surgical and medical treatment] Ogawa I. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Feb;23(2):183-7 (Eng. Abstr.) (Jpn)

[Immunotherapy by polyvalent bacterial antigen (broncasma berna) for chronic lower respiratory infectious disease] Okano H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar;23(3):324-31 (Eng. Abstr.) (Jpn)

[Respiratory care of acute respiratory failure due to respiratory infection] Tanimoto H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Feb; 23(2):176-82 (Eng. Abstr.) (Jpn)

TRANSMISSION

[Possibility of the connatal infection of the upper respiratory tracts with human papilloma virus] Karag'ozov I, et al. **Akush Ginekol (Sofiia)** 1985;24(3):25-7 (Eng. Abstr.) (Bul)

[Pediatric social studies on morbidity in child day care centers] Lorenz K, et al. **Kinderarztl Prax** 1985 Jan; 53(1):21-6 (Eng. Abstr.) (Ger)

VETERINARY

Tracheal lesions in young turkeys infected with Bordetella avium. Arp LH, et al. **Am J Vet Res** 1984 Oct; 45(10):2196-200

Experimental bovine respiratory syncytial virus infection in conventional calves: light microscopic lesions, microbiology, and studies on lavaged lung cells. Castleman WL, et al. **Am J Vet Res** 1985 Mar;46(3):547-53

Experimental bovine respiratory syncytial virus infection in conventional calves: ultrastructural respiratory lesions. Castleman WL, et al. **Am J Vet Res** 1985 Mar;46(3):554-60

Lesions induced in the respiratory tract of chickens by encapsulated or nonencapsulated variants of Haemophilus paragallinarum. Sawata A, et al. **Am J Vet Res** 1985 May; 46(5):1185-91

Isolation of a new serotype of bovine rhinovirus from cattle. Brief report. Yamashita H, et al. **Arch Virol** 1985; 83(1-2):113-6

Respiratory disease (rhinotracheitis) in turkeys in Brittany, France, 1981-1982. I. Field observations and serology. Andral B, et al. **Avian Dis** 1985 Jan-Mar;29(1):26-34

Respiratory disease (rhinotracheitis) in turkeys in Brittany, France, 1981-1982. II. Laboratory findings. Andral B, et al. **Avian Dis** 1985 Jan-Mar;29(1):35-42

Respiratory disease (rhinotracheitis) of turkeys in Brittany, France. III. Interaction of multiple infecting agents. Andral B, et al. **Avian Dis** 1985 Jan-Mar;29(1):233-43

Prevalence of Alcaligenes faecalis in North Carolina broiler flocks and its relationship to respiratory disease. Berkhoff HA, et al. **Avian Dis** 1984 Oct-Dec;28(4):912-20

Adhesive properties and iron uptake ability in Escherichia coli lethal and nonlethal for chicks. Dho M, et al. **Avian Dis** 1984 Oct-Dec;28(4):1016-25

Vaccination of turkeys against air-sac infection with a temperature-sensitive mutant of Mycoplasma gallisepticum. Lam KM, et al. **Avian Dis** 1984 Oct-Dec; 28(4):1096-101

Alcaligenes faecalis infection in turkeys: effects on serum corticosterone and serum chemistry. McCorkle FM, et al. **Avian Dis** 1985 Jan-Mar;29(1):80-9

In vitro cellular migration of leukocytes from turkey poults infected with Alcaligenes faecalis. McCorkle FM, et al. **Avian Dis** 1984 Oct-Dec;28(4):853-7

Laboratory and field trials with formalin-inactivated Escherichia coli (O78)-Pasteurella anatipestifer bacterin in white pekin ducks. Sandhu TS, et al. **Avian Dis** 1985 Jan-Mar;29(1):128-35

Comparative use of direct organ cultures of infected chicken tracheas in isolating avian infectious bronchitis virus. Sawaguchi K, et al. **Avian Dis** 1985 Apr-Jun;29(2):546-51

Cryptosporidiosis in the respiratory tract of turkeys in Saskatchewan. Tarwid JN, et al. **Avian Dis** 1985 Apr-Jun; 29(2):528-32

Antibiotic aerosolization: the effect on experimentally induced Alcaligenes rhinotracheitis in turkeys. Van Alstine WG, et al. **Avian Dis** 1985 Jan-Mar;29(1):159-76

Natural and experimental respiratory infections of calves [letter] Jericho KW. **Can J Comp Med** 1985 Apr; 49(2):235-7

Isolation, propagation, and characterization of a newly recognized pathogen, cilia-associated respiratory bacillus of rats, an etiological agent of chronic respiratory disease. Ganaway JR, et al. **Infect Immun** 1985 Feb;47(2):472-9

Therapeutic strategies involving antimicrobial treatment of the upper respiratory tract in large animals. Baker GJ. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1203-5 (13 ref.)

Therapeutic strategies involving antimicrobial treatment of the lower respiratory tract in large animals. Beech J. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1199-202 (26 ref.)

Therapeutic strategies involving antimicrobial treatment of the upper respiratory tract in small animals. Harvey CE. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1159-61 (24 ref.)

Vaccination against feline viral rhinotracheitis in kittens with maternally derived feline viral rhinotracheitis antibodies. Johnson RP, et al. **J Am Vet Med Assoc** 1985 Jan 15; 186(2):149-52

Therapeutic strategies involving antimicrobial treatment of the lower respiratory tract in small animals. McKiernan BC. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1155-8 (21 ref.)

Nephropathogenicity of infectious bronchitis virus. Winterfield RW, et al. **Poult Sci** 1984 Dec;63(12):2358-63

Reaction of goats to infection with infectious bovine rhinotracheitis virus. Wafula JS, et al. **Res Vet Sci** 1985 Jul;39(1):84-6

Comparison of a newly developed enzyme-linked immunosorbent assay with complement fixation and neutralisation tests for serology of bovine respiratory syncytial virus infections. Westenbrink F, et al. **Res Vet Sci** 1985 May;38(3):334-40

Feline viral respiratory disease. The carrier state, vaccination, and control. August JR. **Vet Clin North Am [Small Anim Pract]** 1984 Nov; 14(6):1159-71 (36 ref.)

Infectious respiratory disease. Ford RB. **Vet Clin North Am [Small Anim Pract]** 1984 Sep; 14(5):985-1006 (39 ref.)

Coronavirus infection of the bovine respiratory tract. McNulty MS, et al. **Vet Microbiol** 1984 Sep;9(5):425-34

A preliminary serological survey of viral antibodies in Peruvian sheep. Rosadio RH, et al. **Vet Microbiol** 1984 Dec;10(1):91-6

Exacerbation of murine respiratory mycoplasmosis in gnotobiotic F344/N rats by Sendai virus infection. Schoeb TR, et al. **Vet Pathol** 1985 May;22(3):272-82

Bovine respiratory disease. **Vet Rec** 1985 Jan 19;116(3):79-80

Use of a long-acting oxytetracycline preparation in respiratory disease in young beef bulls. Peters AR. **Vet Rec** 1985 Mar 23;116(12):321

Lysogeny and the immunologically reactive proteins of Streptococcus equi. Timoney JF, et al. **Vet Rec** 1984 Aug 18;115(7):148-9

Risk of disease in veal calves: relationships between colostrum-management, serum immunoglobulin levels and risk of disease. Postema HJ, et al. **Zentralbl Veterinarmed [A]** 1984 Dec;31(10):751-62

The isolation of organisms resembling rickettsiae from respiratory tracts of horses. Moorthy AR, et al. **Zentralbl Veterinarmed [B]** 1985 Jan;32(1):46-54

[Participation of coronaviruses in the etiology of respiratory diseases in calves] Sizov I, et al. **Vet Med Nauki** 1985; 22(1):25-30 (Eng. Abstr.) **(Bul)**

[Mycoplasma carrier state in the respiratory apparatus of sheep and lambs] Todorov D. **Vet Med Nauki** 1985; 22(2):21-6 (Eng. Abstr.) **(Bul)**

[Current virus diseases in horses. Diseases in foals and respiratory tract infections] Mayr A, et al. **Tierarztl Prax** 1984;12(4):481-8 (33 ref.) (Eng. Abstr.) **(Ger)**

[The economic evaluation of vaccination against infectious cough in horses using the cost-benefit analysis] Mayr A, et al. **Tierarztl Prax** 1985;Suppl 1:101-7 (Eng. Abstr.) **(Ger)**

RESPIRATORY TRACT NEOPLASMS

CHEMICALLY INDUCED

Inhibition of N-nitrosodiethylamine-induced respiratory tract carcinogenesis by piperonylbutoxide in hamsters. Schuller HM, et al. **Cancer Res** 1985 Jun;45(6):2807-12

Experimental methods for the detection of the carcinogenicity and/or cocarcinogenicity of inhaled polycyclic-aromatic-hydrocarbon-containing emissions. Heinrich U, et al. **Carcinog Compr Surv** 1985;8:131-46

Cocarcinogenic and tumor promoting properties of asbestos and other minerals in tracheobronchial epithelium. Mossman BT, et al. **Carcinog Compr Surv** 1985;8:217-38

Studies on the tumor initiating, tumor promoting, and tumor co-initiating properties of respiratory carcinogens. Nesnow S, et al. **Carcinog Compr Surv** 1985;8:257-77

Mechanisms of multistage chemical carcinogenesis and their relevance to respiratory tract cancer. Weinstein IB, et al. **Carcinog Compr Surv** 1985;8:395-409

Role of the respiratory system in metabolism of N-nitrosamines after simultaneous application of disulfiram. Bürkle V, et al. **IARC Sci Publ** 1984;(57):533-41

Nickel exposure: a human health hazard. Doll R. **IARC Sci Publ** 1984;(53):3-21

Studies on the action of tumour promoters and antipromoters on respiratory-tract epithelium. Nettesheim P, et al. **IARC Sci Publ** 1984;(56):109-27

DIAGNOSIS

[Fibroscopy in assessing the effectiveness of radiation therapy in cancer of the upper respiratory tracts and in lymphosarcoma of the tonsillar ring] Belousova NV, et al. **Med Radiol (Mosk)** 1985 Aug;30(8):24-8 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Treatment of respiratory papillomatosis with adenine arabinoside. Hendrickse WA, et al. **Arch Dis Child** 1985 Apr;60(4):374-6

[Chemotherapy of carcinoma of the upper respiratory and digestive tract] Brugère J. **Bull Cancer (Paris)** 1984; 71(4):370-3 (Eng. Abstr.) **(Fre)**

[Combination of cisplatin with 5-fluorouracil in the primary treatment of advanced carcinoma of the upper respiratory and digestive tract (letter)] Joveniaux A, et al. **Bull Cancer (Paris)** 1984;71(4):390 **(Fre)**

[Induction chemotherapy of cancers of the upper respiratory and digestive tract. Analysis of tumor response in 176 patients] Lacau St. Guily J. et al. **Presse Med** 1985 Jun 15;14(24):1313-6 (Eng. Abstr.) **(Fre)**

ETIOLOGY

Relevance of enhancement to human respiratory tract carcinogenesis. Albert RE. **Carcinog Compr Surv** 1985; 8:443-6

Glass fibers and vapor phase components of cigarette smoke as cofactors in experimental respiratory tract carcinogenesis. Feron VJ, et al. **Carcinog Compr Surv** 1985; 8:93-118

Enhancement and promotion in respiratory cancer. Higginson J. **Carcinog Compr Surv** 1985;8:437-42

In vivo studies on enhancement and promotion of respiratory tract carcinogenesis: studies with heterotopic tracheal transplants. Klein-Szanto AJ, et al. **Carcinog Compr Surv** 1985;8:119-30

Tumor enhancement factors and mechanisms in the hamster respiratory tract carcinogenesis model. Saffiotti U, et al. **Carcinog Compr Surv** 1985;8:63-92

Effects of minute amounts of cigarette smoke with or without nebulized N-nitroso-N-methylurethane on the respiratory tract of mice. Takahashi A, et al. **Gann** 1985 May; 76(5):324-30

MORTALITY

Respiratory cancer mortality of Welsh nickel refinery workers. Peto J, et al. **IARC Sci Publ** 1984;(53):37-46

OCCURRENCE

Respiratory cancers in furniture workers. Gerhardsson MR, et al. **Br J Ind Med** 1985 Jun;42(6):403-5

Long-term observation of poison gas workers with special reference to respiratory cancers. Nishimoto Y, et al. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:89-94

PATHOLOGY

Malignant transformation in non-irradiated recurrent respiratory papillomatosis. Solomon D, et al. **Laryngoscope** 1985 Aug;95(8):900-4

[Adenoid cystic carcinoma of the respiratory tract. 44 cases] Li TS. **Chung Hua Chung Liu Tsa Chih** 1984 Sep;6(5):392-3 (Eng. Abstr.) **(Chi)**

[Dermatomyositis as a paraneoplastic manifestation in cancer of the upper respiratory and digestive tracts. Problems of its evolution and treatment] Sarafoleanu D, et al. **Rev Chir [Otorinolaringol]** 1985 Apr-Jun;30(2):107-10 (Eng. Abstr.) **(Rum)**

PREVENTION & CONTROL

Effects of vitamin C on tumor induction by diethylnitrosamine in the respiratory tract of hamsters exposed to cigarette smoke. Harada T, et al. **Cancer Lett** 1985 Mar;26(2):163-9

RADIOTHERAPY

[Changes in the serum protein profile during radiotherapy of the upper respiratory and digestive tracts] David M, et al. **Ann Biol Clin (Paris)** 1984;42(4):283-8 (Eng. Abstr.) **(Fre)**

SURGERY

Another use for the plastic transparent dressing [letter] Benumof JL. **Anesthesiology** 1985 Sep;63(3):334

YAG laser therapy. New techniques and conventional wisdom [editorial] McDougall JC, et al. **Chest** 1985 Apr; 87(4):416-7

[Evaluation of perioperative cefoxitin in the prevention of infectious complications of surgery in cancer of the upper respiratory-digestive tracts] Lacut JY, et al. **Pathol Biol (Paris)** 1985 May;33(5):320-4 (Eng. Abstr.) **(Fre)**

VETERINARY

Respiratory tract tumors. Stann SE, et al. **Vet Clin North Am [Small Anim Pract]** 1985 May; 15(3):535-56 (56 ref.)

RESPITE CARE

Respite care and family functioning in families with retarded children. Halpern PL. **Health Soc Work** 1985 Spring; 10(2):138-50

Respite care. Warren R, et al. **Rehabil Lit** 1985 Mar-Apr; 46(3-4):66-71

Respite care: temporary relief for caregivers. Bader JE. **Women Health** 1985 Summer-Fall;10(2-3):39-52

RESPONSE INTERFERENCE see under **COGNITION DISORDERS**

RESPONSE LATENCY see **REACTION TIME**

RESPONSE TIME see **REACTION TIME**

RESPONSIBILITY, SOCIAL see **SOCIAL RESPONSIBILITY**

REST

see related
BED REST

Effects of physical training and detraining on resting cardiovascular parameters in albino rats. Pavlik G. **Acta Physiol Hung** 1985;66(1):27-37

Rest and exercise hemodynamics in pulmonary stenosis: comparison of children and adults. Krabill KA, et al. **Am J Cardiol** 1985 Aug 1;56(4):360-5

Effects of upright and supine position on cardiac rest and exercise response in aortic regurgitation. Shen WF, et al. **Am J Cardiol** 1985 Feb 1;55(4):428-31

Energy metabolism during the postexercise recovery in man. Bielinski R, et al. **Am J Clin Nutr** 1985 Jul;42(1):69-82

Determination of cardiac output at rest and during exercise by carbon dioxide rebreathing method in obstructive airway disease. Mahler DA, et al. **Am Rev Respir Dis** 1985 Jan;131(1):73-8

Accuracy of two ear oximeters at rest and during exercise in pulmonary patients. Ries AL, et al. **Am Rev Respir Dis** 1985 Sep;132(3):685-9

Influence of the respiratory route on the resting breathing pattern in humans. Rodenstein DO, et al. **Am Rev Respir Dis** 1985 Jan;131(1):163-6

Work-rest periods: their effects on normal physiologic response to isometric and dynamic work. Patterson RP, et al. **Arch Phys Med Rehabil** 1985 Jun;66(6):348-52

Pre slaughter handling of cattle: the availability of water during the lairage period. Wythes JR, et al. **Aust Vet J** 1985 May;62(5):163-5

Flight, flight duty, and rest times: a comparison between the regulations of different countries. Wegmann HM, et al. **Aviat Space Environ Med** 1983 Mar;54(3):212-7

Physiological responses during meditation and rest. Delmonte MM. **Biofeedback Self Regul** 1984 Jun;9(2):181-200

Ventilation and respiratory pattern and timing in resting awake cats. Jennings DB, et al. **Can J Physiol Pharmacol** 1985 Feb;63(2):148-54

Ejection fraction and heart rate correlate with diastolic peak filling rate at rest and during exercise. Bianco JA, et al. **Chest** 1985 Jul;88(1):107-13

Rest and exercise response of left ventricular functions of patients on maintenance hemodialysis with and without cornary artery disease. Wizemann V, et al. **Contrib Nephrol** 1984;41:276-9

Fluctuations in resting energy expenditure [letter] Peters J, et al. **Crit Care Med** 1984 Oct;12(10):926

Plasma beta-thromboglobulin concentration at rest and after physical exercise in complicated and uncomplicated diabetes mellitus. Vicari AM, et al. **Diabete Metab** 1984 Oct;10(4):235-8

Effects of rest and secondary task on simulated truck-driving task performance. Drory A. **Hum Factors** 1985 Apr; 27(2):201-7

Within-subjects between-days-and-weeks variation in energy expenditure at rest. Garby L, et al. **Hum Nutr Clin Nutr** 1984 Sep;38(5):395-7

Changes in pulmonary diffusing capacity at rest under various ambient temperatures in normal young adults. Yasukouchi A, et al. **Ind Health** 1984;22(4):227-34

Prognostic implications of rest and exercise radionuclide ventriculography in patients with suspected or proven coronary heart disease. Iskandrian AS, et al. **Int J Cardiol** 1984 Dec;6(6):707-18

Right ventricular function at rest and during exercise in aortic and mitral valve disease. Morrison DA, et al. **J Am Coll Cardiol** 1985 Jan;5(1):21-8

Quantitative split dose thallium-201 imaging with exercise: a technique for obtaining rest and exercise perfusion images in one setting and markedly reducing the study time. Okada RD, et al. **J Am Coll Cardiol** 1985 Jan;5(1):70-7

Effect of a 42.2-km footrace and subsequent rest or exercise on muscular strength and work capacity. Sherman WM, et al. **J Appl Physiol** 1984 Dec;57(6):1668-73

Comparison of thermal responses between rest and leg exercise in water. Toner MM, et al. **J Appl Physiol** 1985 Jul;59(1):248-53

Effects of 6-hydroxydopamine on the carbohydrate metabolism of skeletal and heart muscles in rest and during exercise. Derevenco P, et al. **Physiologie** 1984 Jul-Sep; 21(3):173-9

Maximal ventilation at rest and exercise in patients with chronic pulmonary disease. Mohan-Kumar T, et al. **Respiration** 1984;46(3):291-302

[Diagnosis of myocardial ischemia in Kawasaki disease: thallium-201 myocardial imagings at rest, with exercise and with dipyridamole administration] Mitomori T, et al. **J Cardiogr** 1984 Jun;14(1):59-73 (Eng. Abstr.) **(Jpn)**

[Histologic organization of the myocardium of the rat during hypokinesia (stereologic study)] Nepomniashchikh LM, et al. **Arkh Anat Gistol Embriol** 1985 Jan;88(1):57-62 (Eng. Abstr.) **(Rus)**

[Effect of prolonged restriction of overall motor activity on the hemomicrocirculatory bed of the retina of the rabbit] Savinova LI. **Arkh Anat Gistol Embriol** 1985 Jan;88(1):71-5 (Eng. Abstr.) **(Rus)**

[Psychophysiological characteristics of the organization and regulation of the daily work-rest cycles for the crew on a prolonged space flight] Litsov AN, et al. **Kosm Biol Aviakosm Med** 1985 Mar-Apr;19(2):12-6 (Eng. Abstr.) **(Rus)**

[Effect of a motor regimen on the physical work capacity of sailors during the postcruise rest period] Bobrov IuM, et al. **Voen Med Zh** 1985 Jun;(6):68-71 **(Rus)**

REST VERTICAL DIMENSION see **VERTICAL DIMENSION**

RESTAURANTS

Symptoms consistent with carpal tunnel syndrome among hotel and restaurant workers [letter] Paulozzi L, et al. **J Occup Med** 1984 Sep;26(9):634

[The disinfective activity of microwaves on cafeteria meal coupons] Zhang JP. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Aug; 5(4):232-6 (Eng. Abstr.) **(Chi)**

STANDARDS

Evaluation of the effect of frequency of inspection on the sanitary conditions of eating establishments. Corber S, et al. **Can J Public Health** 1984 Nov-Dec;75(6):434-8

RESTING PHASE see **INTERPHASE**

RESTING POTENTIALS see **MEMBRANE POTENTIALS**

RESTLESS LEGS

COMPLICATIONS

Co-existence of the Capgras and Ekbom syndromes. McLaughlin JA, et al. **Br J Psychiatry** 1984 Oct;145:439-41

DRUG THERAPY

Opioids, dopamine, and restless legs syndrome [letter] Stoutermire B, et al. **Am J Psychiatry** 1985 May;142(5):662

Use of Frenolon in the treatment of delusion of parasitosis 'Ekbom's syndrome'). Hoffmann H. **Ther Hung** 1982; 30(1):23-4

[Carbamazepine (Tegretol) in restless legs] Sørensen O, et al. **Tidsskr Nor Laegeforen** 1984 Oct 30;104(30):2093-5 **(Nor)**

ETIOLOGY

Restless legs and nocturnal myoclonus [letter] Bee DM. **JAMA** 1985 Jul 19;254(3):361

[Restless leg syndrome due to moderate hypothyroidism (letter)] Schlienger JL. **Presse Med** 1985 Apr 6;14(14):791 **(Fre)**

[Restless legs syndrome in four parkinsonian patients treated with amantadine] Horiguchi J, et al. **Rinsho Shinkeigaku** 1985 Feb;25(2):153-6 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

Restless leg syndrome relieved by cessation of smoking. Mountifield JA. **Can Med Assoc J** 1985 Sep 1;133(5):426-7

Familial restless legs with periodic movements in sleep: electrophysiologic, biochemical, and pharmacologic study. Montplaisir J, et al. **Neurology** 1985 Jan;35(1):130-4

RESTLESSNESS see **PSYCHOMOTOR AGITATION**

RESTRAINT, PHYSICAL

see related
IMMOBILIZATION
PROTECTIVE DEVICES

Gastric mucosal protection by chronic restraint: effects of vagotomy. Wallace JL, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G35-9

ECT as a form of restraint [letter] **Can J Psychiatry** 1984 Apr;29(3):282-4

Restraints and the elderly [letter] **Can Med Assoc J** 1985 Sep 15;133(6):556

Variation among state hospitals in use of seclusion and restraint. Okin RL. **Hosp Community Psychiatry** 1985 Jun; 36(6):648-52

Seclusion and restraint in 1985: a review and update. Soloff PH, et al. **Hosp Community Psychiatry** 1985 Jun;36(6):652-7

Improved method for restraining rabbits for examination of the eye [letter] Topper JE, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1189-90

Reducing self-injury and corresponding self-restraint through the strategic use of protective clothing. Silverman K, et al. **J Appl Behav Anal** 1984 Winter;17(4):545-52

The use of response prevention to eliminate nocturnal thumbsucking. Van Houten R, et al. **J Appl Behav Anal** 1984 Winter;17(4):509-20

Flexible arm splints in the control of a Lesch-Nyhan victim's finger biting and a profoundly retarded client's finger sucking. Ball TS, et al. **J Autism Dev Disord** 1985 Jun; 15(2):177-84

Suppression of pica by overcorrection and physical restraint: a comparative analysis. Singh NN, et al. **J Autism Dev Disord** 1984 Sep;14(3):331-41

The use of restraints on a general psychiatric unit. Bornstein PE. **J Clin Psychiatry** 1985 May;46(5):175-8

Cosmetic repair of chronic head restraint defects. Fanton JW. **J Med Primatol** 1985;14(1):29-34

The influence of physical and chemical restraint on the physiology of the chacma baboon (Papio ursinus). Goosen DJ, et al. **J Med Primatol** 1984;13(6):339-51

Restraint and seclusion. A standard and standard care plan. Roper JM, et al. **J Psychosoc Nurs Ment Health Serv** 1985 Jun;23(6):18-23

The use and efficacy of child restraint devices. The Tennessee experience, 1982 and 1983. Decker MD, et al. **JAMA** 1984 Nov 9;252(18):2571-5

Bless the seats and the children: the physician and the legislative process [editorial] Sanders RS, et al. **JAMA** 1984 Nov 9;252(18):2613-4

Immobility experiments with dogs of the Arkansas Line of Nervous Pointers. Reese WG, et al. **Pavlov J Biol Sci** 1985 Jul-Sep;20(3):132-9

Motor vehicle accident trauma and restraint usage patterns in children less than 4 years of age. Agran PF, et al. **Pediatrics** 1985 Sep;76(3):382-6

Restrained rats learn amphetamine-conditioned locomotion, but not place preference. Swerdlow NR, et al. **Psychopharmacology (Berlin)** 1984;84(2):163-6

Parental behavior and knowledge of infant auto safety. Faber MM, et al. **Tex Med** 1985 May;81(5):42-6

Physical restraint of the disturbed patient [letter] Pearson CA. **Trop Doct** 1985 Jul;15(3):149

[Structure of the wall of the renal artery during limitation of motor activity] Belousova GN. **Arkh Anat Gistol Embriol** 1984 Oct;87(10):21-5 (Eng. Abstr.) **(Rus)**

[Changes in the static electric field in restrained animals] Zatsepina GN, et al. **Biofizika** 1985 Mar-Apr;30(2):361-2 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Patient restraints [letter] Dodge P. **Dimens Health Serv** 1984 Sep;61(9):12

[Effect of hypodynamia on the hemomicrocirculatory bed of the triceps muscle and brachial fascia in the rat] Nikitin MV, et al. **Arkh Anat Gistol Embriol** 1984 Oct;87(10):14-20 (Eng. Abstr.) **(Rus)**

[Effects of immobilization stress in utero on the course of pregnancy in the rat and on various parameters in the newborn animals] Rojo-Fernández M, et al. **Rev Esp Fisiol** 1985 Mar;41(1):29-35 (Eng. Abstr.) **(Spa)**

INSTRUMENTATION

An improved rabbit restraint for chronic hind limb studies. Meals RA. **Clin Orthop** 1985 Jan-Feb;(192):275-7

An improved method for restraining rabbits for examination of the eye. Maurice DM, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1220-1

Premature infants in car seats. Bull MJ, et al. **Pediatrics** 1985 Feb;75(2):336-9

A rat restraining cage for IV infusion in epigastric flap studies. Geter RK, et al. **Plast Reconstr Surg** 1985 Feb; 75(2):268-9

[New pediatric splint for fixation of the upper or lower extremities during venous infusion therapy] Mäser O, et al. **Padiatr Padol** 1985;20(1):21-3 (Eng. Abstr.) **(Ger)**

METHODS

Postoperative positioning with a circular electric bed for a giant retinal tear in a retarded patient [letter] Meyers SM, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):816-7

ECT as a form of restraint [letter] Newman ES. **Can J Psychiatry** 1984 Oct;29(6):544-6

ECT as a form of restraint [letter] Solyom L. **Can J Psychiatry** 1984 Nov;29(7):632-3

Rigid polyurethane foam casts for the fixation of human limbs. Weiss PL, et al. **Med Biol Eng Comput** 1984 Nov; 22(6):603-4

Evaluation of two comprehensive infant car seat loaner programs with 1-year follow-up. Christophersen ER, et al. **Pediatrics** 1985 Jul;76(1):36-42

VETERINARY

Electroencephalographic patterns of clinically normal, sedated, and tranquilized newborn foals and adult horses. Mysinger PW, et al. **Am J Vet Res** 1985 Jan;46(1):36-41

Serum cortisol concentrations in gilts and sows housed in tether stalls, gestation stalls and individual pens. Becker B, et al. **Ann Rech Vet** 1984;15(2):237-42

Motor activity of pregnant tethered sows. Cariolet R, et al. **Ann Rech Vet** 1984;15(2):257-61

An analysis of stereotyped behaviour in tethered sows. Cronin GM, et al. **Ann Rech Vet** 1984;15(2):263-70

Injuries in confined sows. Incidence and relation with behaviour. de Koning R. **Ann Rech Vet** 1984;15(2):205-14

Tethered versus loose sows: ethological observations and measures of productivity: II. Production results. Hansen LL, et al. **Ann Rech Vet** 1984;15(2):185-91

Immunity changes in confined animals: a route to disease? Kelley KW, et al. **Ann Rech Vet** 1984;15(2):201-4

Diseases affecting confined sows. Data from epidemiological observations. Tillon JP, et al. **Ann Rech Vet** 1984; 15(2):195-9

Tethered versus loose sows: ethological observations and measures of productivity. I. Ethological observations during pregnancy and farrowing. Vestergaard K, et al. **Ann Rech Vet** 1984;15(2):245-56

Cortisol response of gilts in tether stalls. Becker BA, et al. **J Anim Sci** 1985 Jan;60(1):264-70

Comparison of four methods of calf confinement. II Behavior. Dellmeier GR, et al. **J Anim Sci** 1985 May; 60(5):1102-9

Comparison of four methods of calf confinement. I Physiology. Friend TH, et al. **J Anim Sci** 1985 May; 60(5):1095-101

Restraint device for serial blood sampling of ferrets. Curl JL, et al. **Lab Anim Sci** 1985 Jun;35(3):296-7

A method of restraining rats for intravenous injection using a flexible plastic bag. Reigle RD, et al. **Lab Anim Sci** 1984 Oct;34(5):497-8

RESTRICTION ENDONUCLEASES see **DNA RESTRICTION ENZYMES**

RESUSCITATION

A multicenter registration project of cardiopulmonary resuscitation in Belgium. The Studygroup 'Cerebral Resuscitation' of the Belgian Society of Intensive Care Medecine (SIZ). **Acta Anaesthesiol Belg** 1984;35 Suppl:129-35

Brain protection in the immediate post-resuscitation phase. Mullie A, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:219-26

Circulatory and EEG changes during resuscitation experiments. Temes G, et al. **Acta Physiol Hung** 1984 64(2):107-15

Colloid and crystalloid fluid resuscitation. Falk JL, et al. **Acute Care** 1983-84;10(2):59-94 (230 ref.)

Pharmacology of cardiopulmonary resuscitation. Grundler WG, et al. **Acute Care** 1983-84;10(1):2-32 (262 ref.)

Intravenous propranolol in the treatment of repetitive ventricular tachyarrhythmias during resuscitation from sudden death. Mason JR, et al. **Am Heart J** 1985 Jul;110(1 Pt 1):161-5

The effectiveness of pediatric cardiopulmonary resuscitation [editorial] Orlowski JP. **Am J Dis Child** 1984 Dec 138(12):1097-8

Cardiorespiratory arrest and resuscitation of children. Torphy DE, et al. **Am J Dis Child** 1984 Dec 138(12):1099-102

Abstracts from the Fifth Purdue Conference of CPR and defibrillation. **Am J Emerg Med** 1984 Jul;2(4):347-62

The Belfast experience with resuscitation ambulances. Adgey AA. **Am J Emerg Med** 1984 May;2(3):193-9

Cardiac, thoracic, and abdominal pump mechanisms in cardiopulmonary resuscitation: studies in an electrical model of the circulation. Babbs CF, et al. **Am J Emerg Med** 1984 Jul;2(4):299-308

Ethics in cardiopulmonary resuscitation. Baskett PJ, et al. **Am J Emerg Med** 1984 May;2(3):273-4

Reversal of inadequate cardiac output and perfusion during cardiopulmonary resuscitation by open-chest cardiac massage. Baype CG, et al. **Am J Emerg Med** 1984 Mar; 2(2):138-40

Experimental CPR models: the issue of utility [editorial] Bircher N, et al. **Am J Emerg Med** 1984 Jul;2(4):371

Interposed abdominal compression CPR (IAC-CPR): a glimmer of hope [editorial] Bircher NG, et al. **Am J Emerg Med** 1984 Mar;2(2):177-8

Lactic acidosis as a predictor of downtime during cardiopulmonary arrest in dogs. Carden DL, et al. **Am J Emerg Med** 1985 Mar;3(2):120-4

Cardiac arrest and resuscitation: the Brighton conference [editorial] Crampton R. **Am J Emerg Med** 1984 May; 2(3):277

Cardiac arrest: lessons from the Fifth Purdue Conference [editorial] Cummins RO. **Am J Emerg Med** 1985 Mar; 3(2):171-3

Survival of out-of-hospital cardiac arrest with early initiation of cardiopulmonary resuscitation. Cummins RO, et al. **Am J Emerg Med** 1985 Mar;3(2):114-9

An experimental circulatory arrest model in the rat to evaluate calcium antagonists in cerebral resuscitation. de Garavilla L, et al. **Am J Emerg Med** 1984 Jul;2(4):321-6

Comparative ventilatory efficiency of EOA and ET tube [letter] Don Michael TA. **Am J Emerg Med** 1985 May; 3(3):261-3

Airway control with the esophageal obturator airway [letter] Don Michael TA. **Am J Emerg Med** 1984 Mar;2(2):179-80

Improved short-term neurological recovery with flunarizine in a canine model of cardiac arrest. Edmonds HL Jr, et al. **Am J Emerg Med** 1985 Mar;3(2):150-5

Drug selection and delivery in cardiopulmonary resuscitation [editorial] Greenberg MI. **Am J Emerg Med** 1984 Sep; 2(5):457-8

The use of calcium in cardiac resuscitation. Harrison EE, et al. **Am J Emerg Med** 1983 Nov;1(3):267-73

Central versus peripheral intravenous routes in cardiopulmonary resuscitation. Hedges JR, et al. **Am J Emerg Med** 1984 Sep;2(5):385-90

Cerebral resuscitation by use of verapamil in a victim of near-drowning. Kollar DJ. **Am J Emerg Med** 1984 Mar; 2(2):148-52

The role of paramedics in resuscitation of patients with prehospital cardiac arrest from coronary artery disease. Lewis RP, et al. **Am J Emerg Med** 1984 May;2(3):200-3

Effect of interposed abdominal compression during CPR on central arterial and venous pressures. McDonald JL. **Am J Emerg Med** 1985 Mar;3(2):156-9

The effect of time since training on house officers' retention of cardiopulmonary resuscitation skills. Mancini ME, et al. **Am J Emerg Med** 1985 Jan;3(1):31-2

Assessment of out-of-hospital resuscitation. Pressley JC, et al. **Am J Emerg Med** 1984 May;2(3):215-6

Venous and arterial blood gases during and after cardiopulmonary resuscitation in dogs. Ralston SH, et al. **Am J Emerg Med** 1985 Mar;3(2):132-6

Electrical models of CPR: an adjunct to experimental and clinical observations [editorial] Rosborough J. **Am J Emerg Med** 1984 Jul;2(4):372

Pediatric cardiopulmonary arrest in the emergency department. Rosenberg NM. **Am J Emerg Med** 1984 Nov; 2(6):497-9

Cerebral resuscitation after cardiac arrest: summaries and suggestions. Safar P. **Am J Emerg Med** 1983 Sep; 1(2):198-214

Expired PCO2 as an index of coronary perfusion pressure. Sanders AB, et al. **Am J Emerg Med** 1985 Mar;3(2):147-9

Coronary perfusion pressure during cardiopulmonary resuscitation. Sanders AB, et al. **Am J Emerg Med** 1985 Jan;3(1):11-4

Organization of resuscitation within the hospital. Sandøe E. **Am J Emerg Med** 1984 May;2(3):270-2

Rapid fluid resuscitation by use of two intravenous lines and a subclavian hemodialysis catheter. Silfen EZ, et al. **Am J Emerg Med** 1984 Mar;2(2):157-9

The Brighton experience with resuscitation ambulances. Studd C. **Am J Emerg Med** 1984 May;2(3):275-6

Regional blood flow during cardiopulmonary resuscitation with abdominal counterpulsation in dogs. Voorhees WD 3d, et al. **Am J Emerg Med** 1984 Mar;2(2):123-8

On calcium in cardiac resuscitation [editorial] White BC. **Am J Emerg Med** 1983 Nov;1(3):364-5

Cerebral cortical perfusion during and following resuscitation from cardiac arrest in dogs. White BC, et al. **Am J Emerg Med** 1983 Sep;1(2):128-38

Cardiopulmonary resuscitation: micro, macro, and new [editorial] White JD. **Am J Emerg Med** 1985 May;3(3):260

The bitter end. Huttmann B. **Am J Nurs** 1984 Nov; 84(11):1366

Emergency CPR instruction via telephone. Eisenberg MS, et al. **Am J Public Health** 1985 Jan;75(1):47-50

Resuscitation in acute haemorrhage. Raper RF, et al. **Anaesth Intensive Care** 1984 Aug;12(3):212-6

Large volume crystalloid resuscitation does not increase extravascular lung water. Gallagher TJ, et al. **Anesth Analg** 1985 Mar;64(3):323-6

Successful cardiovascular resuscitation after massive intravenous bupivacaine overdosage in anesthetized dogs. Kasten GW, et al. **Anesth Analg** 1985 May;64(5):491-7

Toxicity and resuscitation in lidocaine- or bupivacaine-infused cats. Chadwick HS. **Anesthesiology** 1985 Oct;63(4):385-90

Compressed spectral array EEG monitoring during cardiac arrest and resuscitation. Young WL, et al. **Anesthesiology** 1985 Apr;62(4):535-8

Medical, moral, legal, and ethical aspects of resuscitation for the patient who will have minimal ability to function or ultimately survive. American College of Emergency Physicians, Dallas, Texas. **Ann Emerg Med** 1985 Sep; 14(9):919-26

Proceedings of the 1985 UAEM/IRIEM research symposium on resuscitation. Orlando, Florida, February 7-8, 1985. **Ann Emerg Med** 1985 Aug;14(8):712-823

Role of iron ions in the genesis of reperfusion injury following successful cardiopulmonary resuscitation: preliminary data and a biochemical hypothesis. Babbs CF. **Ann Emerg Med** 1985 Aug;14(8):777-83 (40 ref.)

Ionized calcium during CPR in the canine model. Best R, et al. **Ann Emerg Med** 1985 Jul;14(7):633-5

Ischemic brain protection. Bircher NG. **Ann Emerg Med** 1985 Aug;14(8):784-8 (72 ref.)

Automatic external defibrillators: clinical, training, psychological, and public health issues. Cummins RO, et al. **Ann Emerg Med** 1985 Aug;14(8):755-60

Early prehospital cardiopulmonary resuscitation [letter] Goodenberger DM. **Ann Emerg Med** 1985 Jun;14(6):615

Bystander CPR in prehospital coarse ventricular fibrillation. Kowalski R, et al. **Ann Emerg Med** 1984 Nov; 13(11):1016-20

Insulin and glucose levels during CPR in the canine model. Martin GB, et al. **Ann Emerg Med** 1985 Apr;14(4):293-7

Comparison of central venous and arterial pH and PCO2 during open-chest CPR in the canine model. Martin GB, et al. **Ann Emerg Med** 1985 Jun;14(6):529-33

Effects of rapid infusion with high pressure and large-bore i.v. tubing on red blood cell lysis and warming. Mateer JR, et al. **Ann Emerg Med** 1985 Oct;14(10):966-9

Diltiazem for myocardial protection in CPR [letter] Meuret GH. **Ann Emerg Med** 1984 Dec;13(12):1168

Artificial perfusion techniques during cardiac arrest: questions of experimental focus versus clinical need. Niemann JT. **Ann Emerg Med** 1985 Aug;14(8):761-8 (49 ref.)

Use of naloxone during cardiac arrest and CPR: potential adjunct for postcountershock electrical-mechanical dissociation. Rothstein RJ, et al. **Ann Emerg Med** 1985 Mar; 14(3):198-203

Expired PCO2 as a prognostic indicator of successful resuscitation from cardiac arrest. Sanders AB, et al. **Ann Emerg Med** 1985 Oct;14(10):948-52

The effectiveness of calcium chloride in refractory electromechanical dissociation. Stueven HA, et al. **Ann Emerg Med** 1985 Jul;14(7):626-9

Defining the pressure needs of the fibrillating heart during prolonged arrest: identification and application. White RD. **Ann Emerg Med** 1985 Jun;14(6):587-8

Who decides and when is the time to institute resuscitative efforts? Abrams FR. **AORN J** 1985 Feb;41(2):467, 469

Resuscitation from drowning. Redmond AD, et al. **Arch Emerg Med** 1984 Jun;1(2):113-5

Cardiopulmonary resuscitation in the accident and emergency department. Robertson CE, et al. **Arch Emerg Med** 1984 Mar;1(1):17-22

Cardiopulmonary resuscitation (CPR). Patient factors and decision making. Farber NJ, et al. **Arch Intern Med** 1984 Nov;144(11):2229-32

Hepatitis B virus in a cardiopulmonary resuscitation training course. Risk of transmission from a surface antigen-positive participant. Glaser JB, et al. **Arch Intern Med** 1985 Sep; 145(9):1653-5

'Do not resuscitate' decisions. A prospective study at three teaching hospitals. Lo B, et al. **Arch Intern Med** 1985 Jun; 145(6):1115-7

Cardiopulmonary resuscitation [letter] Mogielnicki RP. **Arch Intern Med** 1985 Jun;145(6):1142

Ventilatory control in two asthmatics resuscitated from respiratory arrest [letter] Day TJ. **Aust NZ J Med** 1985 Feb;15(1):82

Predicting recovery from medical coma. Bates D. **Br J Hosp Med** 1985 May;33(5):276-80

Cardiopulmonary resuscitation skills of preregistration house officers. Skinner DV, et al. **Br Med J [Clin Res]** 1985 May 25;290(6481):1549-50

Metabolic, hemodynamic, and respiratory responses to performing cardiopulmonary resuscitation. Miles DS, et al. **Can J Appl Sport Sci** 1984 Sep;9(3):141-7

Surgery in the resuscitation of critically injured patients. Burns CM. **Can J Surg** 1984 Sep;27(5):461-3

Infectious disease issues in resuscitation training. **Can Med Assoc J** 1985 Mar 15;132(6):665

'Do not resuscitate' [letter] Brown FN. **Can Med Assoc J** 1985 Sep 1;133(5):355

Cardiopulmonary resuscitation in the elderly [letter] Davidson DA. **Can Med Assoc J** 1985 Jul 1;133(1):14-5

Cardiopulmonary resuscitation in the elderly: balancing technology with humanity. Gordon M, et al. **Can Med Assoc J** 1985 Apr 1;132(7):743-4 (18 ref.)

Metabolic evidence of inadequate coronary blood flow during closed-chest resuscitation in dogs. Ditchey RV, et al. **Cardiovasc Res** 1985 Jul;19(7):419-25

Transmission of intrathoracic pressure to the intracranial space during cardiopulmonary resuscitation in dogs. Guerci AD, et al. **Circ Res** 1985 Jan;56(1):20-30

Predictive survival models for resuscitated victims of out-of-hospital cardiac arrest with coronary heart disease. Goldstein S, et al. **Circulation** 1985 May;71(5):873-80

Cardiopulmonary resuscitation. The essentials. Redding JS. **Clin Plast Surg** 1985 Jan;12(1):137-42 (14 ref.)

Transmission of herpes simplex during cardiopulmonary resuscitation training. Mannis MJ, et al. **Compr Ther** 1984 Dec;10(12):15-7

DNR procedures: purple dots revisited. Grand Jury of the Supreme Court of the State of New York, Queens County. **Conn Med** 1985 Jun;49(6):367-76

Cerebrovascular effects of prolonged hypocarbia and hypercarbia after experimental global ischemia in cats. Todd MM, et al. **Crit Care Med** 1985 Sep;13(9):720-3

Symposium on resuscitation. **Emerg Med Clin North Am** 1983 Dec;1(3):473-704

Initial assessment and resuscitation. Lewis FR. **Emerg Med Clin North Am** 1984 Nov;2(4):733-48

Physiology of resuscitation. Winegar CD, et al. **Emerg Med Clin North Am** 1983 Dec;1(3):479-99 (160 ref.)

Haemoglobin solution as an oxygen-carrying resuscitation fluid in haemorrhagic shock. Odling-Smee W, et al. **Ir J Med Sci** 1984 Nov;153(11):385-8

Outcome of resuscitation from bradyarrhythmic or asystolic prehospital cardiac arrest. Myerburg RJ, et al. **J Am Coll Cardiol** 1984 Dec;4(6):1118-22

Importance of the duration of inadequate coronary perfusion pressure on resuscitation from cardiac arrest. Sanders AB, et al. **J Am Coll Cardiol** 1985 Jul;6(1):113-8

Cardiopulmonary resuscitation of the elderly. Gordon M, et al. **J Am Geriatr Soc** 1984 Dec;32(12):930-4

Computer simulation of cardiopulmonary resuscitation. Beyar R, et al. **J Biomed Eng** 1985 Apr;7(2):113-9

CPR. Goodwin JS, et al. **J Chronic Dis** 1985;38(8):717-9

Resuscitation of the newborn infant. Britton JR. **J Emerg Med** 1984;2(2):95-100 (19 ref.)

The retention of cardiopulmonary resuscitation skills. Sternbach GL, et al. **J Emerg Med** 1984;2(1):33-6

Assessment of physician performance of cardiopulmonary resuscitation. Goldman SL. **J Fam Pract** 1985 Feb; 20(2):173-8

Physician participation in cardiopulmonary resuscitation training. Forestner JE. **J Med Assoc Ga** 1984 Sep; 73(9):611-5

Cardiopulmonary resuscitation [letter] Jakobsson J, et al. **J Med Educ** 1985 Jul;60(7):584-5

Cerebral resuscitation therapy in pediatric near-drowning. Frewen TC, et al. **J Pediatr** 1985 Apr;106(4):615-7

Cesarean delivery of full-term infants: identification of those at high risk for requiring resuscitation. Press S, et al. **J Pediatr** 1985 Mar;106(3):477-9

Emergency bay thoracotomy. Danne PD, et al. **J Trauma** 1984 Sep;24(9):796-802

The beneficial role of calcium supplementation during resuscitation from shock. Denis R, et al. **J Trauma** 1985 Jul;25(7):594-600

Changes in epicardial and core temperatures during resuscitation of hemorrhagic shock. Shaver J, et al. **J Trauma** 1984 Nov;24(11):957-63

Prehospital cardiopulmonary resuscitation. Is it effective? Cummins RO, et al. **JAMA** 1985 Apr 26;253(16):2408-12

Letting go: DNR orders in prehospital care [editorial] Haynes BE, et al. **JAMA** 1985 Jul 26;254(4):532-3

'Do not resuscitate' orders [letter] Raskin VD. **JAMA** 1985 Jun 7;253(21):3094

The physiology of cardiopulmonary resuscitation. An update. Sanders AB, et al. **JAMA** 1984 Dec 21;252(23):3283-6

Deciding against resuscitation: encouraging signs and potential dangers [editorial] Veatch RM. **JAMA** 1985 Jan 4;253(1):77-8

'Do not resuscitate' orders. Incidence and implications in a medical-intensive care unit. Youngner SJ, et al. **JAMA** 1985 Jan 4;253(1):54-7

Recent advances in cardiopulmonary resuscitation. Weisfeldt ML. **Jpn Circ J** 1985 Jan;49(1):13-24

Computer studies of systemic and regional blood flow mechanisms during cardiopulmonary resuscitation. Beyar R, et al. **Med Biol Eng Comput** 1984 Nov;22(6):499-506

Resuscitation in status asthmaticus [letter] Barker P. **Med J Aust** 1985 Feb 4;142(3):238

Cardiac arrest: a follow-up study. Davis L. **Med J Aust** 1985 Jun 24;142(13):671-2

Artificial ventilation for cardiopulmonary resuscitation. Sainsbury DA, et al. **Med J Aust** 1984 Oct 13;141(8):509-11

Commentary on the Minnesota Medical Association's do-not-resuscitate guidelines. Miles SH, et al. **Minn Med** 1985 Aug;68(8):603-5

Factors predicting survival for six months after cardiopulmonary resuscitation: multivariate analysis of a prospective study. Skovron ML, et al. **Mt Sinai J Med (NY)** 1985 Apr;52(4):271-5

New principles of resuscitation for brain and spinal injury. Rosner MJ, et al. **NC Med J** 1984 Nov;45(11):701-8

Superiority of standing orders to start an iv during cardiac arrest over base station orders. Ornato JP, et al. **Nebr Med J** 1985 Jun;70(6):200–1

Controversies in pharmacotherapy during cardiopulmonary resuscitation. A pathophysiological approach. Groeneveld AB. **Neth J Med** 1985;28(5):208–15

Cardiopulmonary resuscitation and the doctor [letter] Holdaway J. **NZ Med J** 1985 Jan 23;98(771):22–3

Cardiopulmonary resuscitation in hospital. Leslie PN. **NZ Med J** 1984 Nov 14;97(767):768–9

Cardiopulmonary resuscitation in hospital [letter] O'Connor JA, et al. **NZ Med J** 1985 Mar 13;98(774):157

Resuscitation outside hospital [letter] Walls CB. **NZ Med J** 1985 Mar 27;98(775):205

Value of serial electropharmacological testing in managing patients resuscitated from cardiac arrest. Raviele A, et al. **PACE** 1984 Sep;7(5):850–60

Subendocardial infarction in two young boys. Cotton DW, et al. **Resuscitation** 1984 Nov;12(3):181–5

Asphyxia, cardiac arrest and resuscitation in rats. I. Short term recovery. Hendrickx HH, et al. **Resuscitation** 1984 Jul;12(2):97–116

Asphyxia, cardiac arrest and resuscitation in rats. II. Long term behavioral changes. Hendrickx HH, et al. **Resuscitation** 1984 Jul;12(2):117–28

Severe asphyxia and outcome of survivors. Koppe JG, et al. **Resuscitation** 1984 Nov;12(3):193–206

Cardiopulmonary resuscitation in a hospitalized population: prospective study of factors associated with outcome. Suljaga-Pechtel K, et al. **Resuscitation** 1984 Jul;12(2):77–95

The buffering capacity of crystalloid and colloid resuscitation solutions. Traverso LW, et al. **Resuscitation** 1985 Mar; 12(4):265–70

Cardiac response to fluid resuscitation from hemorrhagic shock. Horton J, et al. **Surg Gynecol Obstet** 1985 May; 160(5):444–52

How do doctors discuss do-not-resuscitate orders? Miller A, et al. **West J Med** 1985 Aug;143(2):256–8

[Resuscitation of children in a toxico-septic state with pulmonary complications and surgical pathology] Boĭcheva A, et al. **Khirurgiia (Sofiia)** 1984;37(6):447–54 (Eng. Abstr.) **(Bul)**

[Tracheal stenoses and tracheoesophageal fistulae from the viewpoint of resuscitative care] Drábková J, et al. **Rozhl Chir** 1985 Jan;64(1):14–20 (Eng. Abstr.) **(Cze)**

[Belgian Society of Anesthesia and Resuscitation. Membership of the Society, 1985] **Acta Anaesthesiol Belg** 1985 Jun;36(2):XXXIII–XLV **(Fre, Dut)**

[Outcome in resuscitation patients] Pourriat JL, et al. **Cah Anesthesiol** 1982 Nov;30(7):859–66 **(Fre)**

[Velopharyngoplasty in myasthenic patients. Anesthesia-resuscitation problems] Spiers C, et al. **Cah Anesthesiol** 1982 Nov;30(7):913–21 **(Fre)**

[Resuscitation problems in war surgery] Drissi-Kamili N, et al. **Maroc Med** 1985 Mar;7(1):431–8 **(Fre)**

[Resuscitation in severe burns during the first 48 hours in war time] Saissy JM, et al. **Maroc Med** 1985 Mar; 7(1):425–30 **(Fre)**

[Sudden death outside the hospital: evaluation of the activities of an intensive care mobile unit in Geneva] Urban P, et al. **Schweiz Med Wochenschr** 1985 Feb 9;115(6):206–9 (Eng. Abstr.) **(Fre)**

[Abstracts of presentations at the joint meeting of the Austrian and Hungarian Society of Anesthesiology, Resuscitation and Intensive Care. 31 May–1 June 1984, Eisenstadt] **Anaesthesist** 1985 Mar;34(3):145–59 **(Ger)**

[Sodium bicarbonate administration in cardiopulmonary resuscitation. Results of an animal experimental study] Lindner KH, et al. **Anaesthesist** 1985 Jan;34(1):37–45 (Eng. Abstr.) **(Ger)**

[Remarks on the work of G. H. Meuret et al. Does calcium have a place in resuscitation] Priebe HJ, et al. **Anaesthesist** 1984 Oct;33(10):520–1 **(Ger)**

[Where does the responsibility of the physician for lending aid end?] Piechowiak H. **Fortschr Med** 1984 Oct 25; 102(40):94–5 **(Ger)**

[Survival chances of emergency patients] Sefrin P. **Fortschr Med** 1985 Mar 21;103(11):290–4 (Eng. Abstr.) **(Ger)**

[Experimental study on analysis of the cardiovascular function during carbon monoxide poisoning and resuscitation under hyperbaric oxygenation] Takeya H. **Hokkaido Igaku Zasshi** 1985 Mar;60(2):257–72 (Eng. Abstr.) **(Jpn)**

[The effect of Co-enzyme Q10 on lactate metabolism during resuscitation from anoxia] Eguchi M. **Masui** 1984 Dec; 33(12):1329–38 (Eng. Abstr.) **(Jpn)**

[Kallikrein-kinin system of the lymph in early post-resuscitation period] Minnebaev MM, et al. **Anesteziol Reanimatol** 1984 Nov–Dec;(6):45–7 (Eng. Abstr.) **(Rus)**

[Postresuscitation encephalopathy] Permiakov NK, et al. **Arkh Patol** 1984;46(9):5–16 (48 ref.) (Eng. Abstr.) **(Rus)**

[Early postresuscitation centralization of the blood circulation] Evtushenko AIa, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):284–6 (Eng. Abstr.) **(Rus)**

[Nature of neurohumoral correlation in the postresuscitation period] Bazarevich GIa, et al. **Patol Fiziol Eksp Ter** 1985 Jan–Feb;(1):28–31 (Eng. Abstr.) **(Rus)**

[Hemorheological disorders in the pathogenesis of post-resuscitation circulatory failure] Evtushenko AIa, et al. **Patol Fiziol Eksp Ter** 1984 Nov–Dec;(6):41–5 (Eng. Abstr.) **(Rus)**

[Blood rheological factors in cerebral circulatory disorders in the early resuscitation period] Lobov VV, et al. **Patol Fiziol Eksp Ter** 1985 Mar–Apr;(2):55–8 (Eng. Abstr.) **(Rus)**

[Signs of the disseminated intravascular coagulation syndrome in the early postresuscitation period in patients with massive blood loss and trauma] Morozov NV, et al. **Patol Fiziol Eksp Ter** 1984 Jul–Aug;(4):13–7 (Eng. Abstr.) **(Rus)**

[Use of hemosorption in the resuscitation department of a pediatric infectious disease clinic] Arkatov VA, et al. **Pediatriia** 1985 Jun;(6):48–50 **(Rus)**

[Work experience of the field resuscitation team of a pulmonary therapy center] Kirillov MM, et al. **Ter Arkh** 1985;57(1):76–8 **(Rus)**

[Successful resuscitation of a patient with injury of the left heart ventricle and massive blood loss] Abrosimov IP. **Vestn Khir** 1984 Aug;133(8):91 **(Rus)**

[Organization of emergency medical and resuscitation services at the pre-hospital stage] Rudenko MI, et al. **Voen Med Zh** 1985 Feb;(2):62–4 **(Rus)**

[Resuscitation of newborn infants at risk delivered by cesarean section] Gligorović S, et al. **Srp Arh Celok Lek** 1984 Jul–Aug;112(7–8):809–14 (Eng. Abstr.) **(Scc)**

[Limits of respiratory resuscitation (editorial)] Estopà i Miró R. **Med Clin (Barc)** 1984 Jun 2;83(1):19–20 **(Spa)**

[Resuscitation, anesthesiology and realism (editorial)] García Guasch R. **Rev Esp Anestesiol Reanim** 1984 Sep–Oct; 31(5):183–4 **(Spa)**

[Resuscitation in a case of severe tetanus with regional symptoms] Santatecla V, et al. **Rev Esp Anestesiol Reanim** 1984 Jul–Aug;31(4):168–70 (Eng. Abstr.) **(Spa)**

[Treatment of cardiovascular emergencies. II: Cardiopulmonary arrest and cardiopulmonary resuscitation] Goich J, et al. **Rev Med Chil** 1984 Dec; 112(12):1256–61 (Eng. Abstr.) **(Spa)**

[The resuscitation of a hanged man––an unusual case report] Knudsen K. **Lakartidningen** 1984 Oct 10;81(41):3718 **(Swe)**

ADVERSE EFFECTS

Rapid change in pulmonary vascular hemodynamics with pulmonary edema during cardiopulmonary resuscitation. Ornato JP, et al. **Am J Emerg Med** 1985 Mar;3(2):137–42

Pancreatic injury associated with interposed abdominal compressions in pediatric cardiopulmonary resuscitation. Waldman PJ, et al. **Am J Emerg Med** 1984 Nov;2(6):510–2

Gastric mucosal lacerations: a complication of cardiopulmonary resuscitation. Register SD, et al. **Anesthesiology** 1985 Apr;62(4):513–4

Tension pneumothorax following CPR or mechanical ventilation [letter] Nelson BK. **Ann Emerg Med** 1985 Jun; 14(6):615

Effect of cardiopulmonary resuscitation-induced stress on cell-mediated immunity. Soppi E, et al. **Intensive Care Med** 1984;10(6):287–92

The esophageal obturator airway: obturator or obtundator? Gertler JP, et al. **J Trauma** 1985 May;25(5):424–6

False positive bone scan due to rib fractures following cardiac resuscitation. Rankin D. **Nucl Med Commun** 1984 Mar; 5(3):173–4

[Complications of cardiopulmonary resuscitation] Krohn CD, et al. **Tidsskr Nor Laegeforen** 1984 Nov 20;104(32):2253–4 (Eng. Abstr.) **(Nor)**

EDUCATION

Teaching cardiopulmonary resuscitation basic life support to school-children. Corne L, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:107–13

A television centered public campaign for the propagation of the general training in basic cardiopulmonary resuscitation. Delooz HH, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:97–101

Teaching cardiopulmonary resuscitation in Great Britain. Mather SJ. **Acta Anaesthesiol Belg** 1984;35 Suppl:115–8

Teaching cardiopulmonary resuscitation in the Federal Republic of Germany. Mehrkens HH. **Acta Anaesthesiol Belg** 1984;35 Suppl:119–25

Physicians' attitudes and practices toward CPR training in family members of patients with coronary heart disease. Goldberg RJ, et al. **Am J Public Health** 1985 Mar; 75(3):281–3

Cardiopulmonary resuscitation at the Singapore General Hospital. Choo MH, et al. **Ann Acad Med Singapore** 1984 Jul;13(3):542–7

Objectifying testing of the MEGA CODE station: a system of shorthand. Grauer K, et al. **Ann Emerg Med** 1985 May; 14(5):454–8

CPR training in the community. Mandel LP, et al. **Ann Emerg Med** 1985 Jul;14(7):669–71

Pulmonary barotrauma during CPR training [letter] Wigder HN, et al. **Ann Emerg Med** 1985 Mar;14(3):279–81

Transmission of infection during training for cardiopulmonary resuscitation [letter] Cohen HJ, et al. **Ann Intern Med** 1985 Jan;102(1):136–7

Evaluation of lay skills in cardiopulmonary resuscitation. van Kalmthout PM, et al. **Br Heart J** 1985 May;53(5):562–6

Resuscitation needed for the curriculum? [letter] **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1822–3

Resuscitation needed for the curriculum? [letter] **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1985–6

Resuscitation needed for the curriculum? [editorial] Baskett PJ. **Br Med J [Clin Res]** 1985 May 25;290(6481):1531–2

Resuscitation needed for the curriculum [letter] Casey WF. **Br Med J [Clin Res]** 1985 Aug 17;291(6493):484–5

Recommendations for decontaminating manikins used in cardiopulmonary resuscitation training 1983 update. **Infect Control** 1984 Aug;5(8):399–401

Criteria-based evaluation and continuing medical education [editorial] Geyman JP. **J Fam Pract** 1985 Feb;20(2):121–2

Formal resuscitation training in medical school. Handal KA, et al. **J Med Educ** 1984 Dec;59(12):959–61

Life Support Learning Center. Edlich RF, et al. **Va Med** 1984 Sep;111(9):567–9

[Certificate of special studies in anesthesia-resuscitation. Study of university re-entry 1983–84] Montagne J. **Cah Anesthesiol** 1984 Sep;32(5):415–8 **(Fre)**

HISTORY

Open-chest CPR: an old method whose time has returned. Bircher N, et al. **Am J Emerg Med** 1984 Nov;2(6):568–71 (47 ref.)

Joseph S. Redding's contributions to cardiac resuscitation. Ralston SH, et al. **Am J Emerg Med** 1985 May;3(3):247–51

The development of resuscitation. Wright-St Clair RE. **NZ Med J** 1985 May 8;98(778):339–41

[Antishock care during World War II and its importance for the development of the science of resuscitation] Shanin IuN, et al. **Vestn Khir** 1985 Apr;134(4):3–7 **(Rus)**

INSTRUMENTATION

Mechanized cardiopulmonary resuscitation: past, present and future. Barkalow CE. **Am J Emerg Med** 1984 May; 2(3):262–9

Excess ventilation with oxygen-powered resuscitators. Osborn HH, et al. **Am J Emerg Med** 1984 Sep;2(5):408–13

A new resuscitation mask [letter] Sivaneswaran N, et al. **Anaesth Intensive Care** 1984 Aug;12(3):274–5

A resuscitation box for every anaesthetist? Hilton PJ. **Anaesthesia** 1985 May;40(5):486–7

A simple device for filtering mouth-to-mouth resuscitation [letter] Caccomo A. **Anesthesiology** 1984 Nov;61(5):638

Pocket mask ventilation: a critical reappraisal. Maull KI. **Arch Emerg Med** 1984 Sep;1(3):161–3

A new transtracheal catheter for ventilation and resuscitation. Ravussin P, et al. **Can Anaesth Soc J** 1985 Jan;32(1):60–4

Bag-valve-mask ventilation; two rescuers are better than one: preliminary report. Jesudian MC, et al. **Crit Care Med** 1985 Feb;13(2):122–3

Cardiac arrest: description of a portable resuscitator. Pacy H. **Fam Pract** 1984 Dec;1(4):243–4

Bedside resuscitation bags: a source of bacterial contamination. Thompson AC, et al. **Infect Control** 1985 Jun;6(6):231–2

Emergency health care providers. Margulies RA, et al. **J Emerg Med** 1984;1(4):353–4

Tracheal intubation kit for resuscitation. Conacher ID. **Lancet** 1985 Jun 22;1(8443):1424

An evaluation of the efficiency of face masks in the resuscitation of newborn infants. Palme C, et al. **Lancet** 1985 Jan 26;1(8422):207–10

A comparison of two resuscitators in the management of birth asphyxia. Davies VA, et al. **S Afr Med J** 1985 Jul 6; 68(1):19–22

Noninvasive cardiac assist by extension of phase D compression cardiopulmonary resuscitation (PCCPR). Beyar R, et al. **Trans Am Soc Artif Intern Organs** 1984 30:103–7

[Simple aids for improving respiration in emergency patients] Röse M. **Z Arztl Fortbild (Jena)** 1984;78(15):609–10 **(Ger)**

[Experimental studies on the problem of improving the myocardial blood circulation in an intraoperatively resuscitated heart] Sedlarik K, et al. **Z Exp Chir Transplant Kunstliche Organe** 1985;18(2):118–27 (Eng. Abstr.) **(Ger)**

METHODS

Recent advances and controversies in cardiopulmonary cerebral resuscitation. Safar P. **Acta Anaesthesiol Belg** 1984 35 Suppl:193–207

Hypothermia: the cause of death after rescue. Lloyd EL. **Alaska Med** 1984 Jul–Sep;26(3):74–6

Mechanical 'cough' cardiopulmonary resuscitation during cardiac arrest in dogs. Niemann JT, et al. **Am J Cardiol** 1985 Jan 1;55(1):199–204

Effectiveness of pediatric and adult CPR [letter] Kollar DI **Am J Dis Child** 1985 Sep;139(9):857

IAC-CPR: the need for clinical studies [editorial] Babbs CF **Am J Emerg Med** 1984 Sep;2(5):458–9

Abdominal counterpulsation in cardiopulmonary resuscitation: animal models and theoretical considerations. Babbs CF. **Am J Emerg Med** 1985 Mar;3(2):165–70

Gastric insufflation during IAC-CPR and standard CPR in a canine model. Babbs CF, et al. **Am J Emerg Med** 1985 Mar;3(2):99–103

A plea for open-chest CPR [editorial] Del Guercio LR. **Am J Emerg Med** 1984 Nov;2(6):565–6

Emergency airway control: its role in total CPR. Do

Michael TA. **Am J Emerg Med** 1983 Nov;1(3):351-5

Open- versus closed-chest cardiac compressions in a canine model of pediatric cardiopulmonary resuscitation. Fleisher G, et al. **Am J Emerg Med** 1985 Jul;3(4):305-10

Whole blood in trauma resuscitations. Iserson KV. **Am J Emerg Med** 1985 Jul;3(4):358-9

Pre-hospital IAC-CPR versus standard CPR: paramedic resuscitation of cardiac arrests. Mateer JR, et al. **Am J Emerg Med** 1985 Mar;3(2):143-6

Open-chest CPR: not yet [editorial] Sanders AB, et al. **Am J Emerg Med** 1984 Nov;2(6):566-7

Perfusion of the cerebral cortex by use of abdominal counterpulsation during cardiopulmonary resuscitation. Walker JW, et al. **Am J Emerg Med** 1984 Sep;2(5):391-3

Rapid flow rates for the resuscitation of hypovolemic shock. Dula DJ, et al. **Ann Emerg Med** 1985 Apr;14(4):303-6

Resuscitation time and ventricular fibrillation [letter] Hallstrom A. **Ann Emerg Med** 1985 Apr;14(4):375-6

Antishock trousers: a comparison of inflation techniques and inflation pressures. Hanke BK, et al. **Ann Emerg Med** 1985 Jul;14(7):636-40

Beneficial effect of epinephrine infusion on cerebral and myocardial blood flows during CPR. Koehler RC, et al. **Ann Emerg Med** 1985 Aug;14(8):744-9

Pediatric arrest card [letter] Lewis JM. **Ann Emerg Med** 1985 Apr;14(4):372-3

Control of intraabdominal hemorrhage and shock: a comparison of fluid resuscitation, MAST, and balloon occlusion. Low RB, et al. **Ann Emerg Med** 1985 Jun;14(6):540-6

Predictive indices of successful cardiac resuscitation after prolonged arrest and experimental cardiopulmonary resuscitation. Niemann JT, et al. **Ann Emerg Med** 1985 Jun;14(6):521-8

Comparison of clinical CPR studies in Milwaukee and elsewhere in the United States. Thompson BM, et al. **Ann Emerg Med** 1985 Aug;14(8):750-4

Resuscitation of dogs from cold-water submersion using cardiopulmonary bypass. Tisherman S, et al. **Ann Emerg Med** 1985 May;14(5):389-96

Prolonged cardiac arrest and resuscitation in dogs: brain mitochondrial function with different artificial perfusion methods. White BC, et al. **Ann Emerg Med** 1985 May;14(5):383-8

Hypothermia therapy [letter] White JD. **Ann Emerg Med** 1985 Oct;14(10):1036

Science and shock: a clinical perspective. Wilson RF. **Ann Emerg Med** 1985 Aug;14(8):714-23 (109 ref.)

Severe exposure hypothermia: a resuscitation protocol. Zell SC, et al. **Ann Emerg Med** 1985 Apr;14(4):339-45

Pulmonary implications of resuscitative manoeuvres. Creagh-Barry PC, et al. **Ann R Coll Surg Engl** 1985 Jul;67(4):254-6

Simple mechanical methods for cardioversion: defence of the precordial thump and cough version. Caldwell G, et al. **Br Med J [Clin Res]** 1985 Sep 7;291(6496):627-30

Efficacy of facemask resuscitation at birth. Milner AD, et al. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1563-5

Intrathoracic and abdominal pressure variations as an efficient method for cardiopulmonary resuscitation: studies in dogs compared with computer model results. Beyar R, et al. **Cardiovasc Res** 1985 Jun;19(6):335-42

Comparison of the esophageal obturator airway and endotracheal intubation in prehospital ventilation during CPR. Michael TA. **Chest** 1985 Jun;87(6):814-9

Choking: the Heimlich maneuver (abdominal thrust) vs. back blows. AMA Council on Scientific Affairs. **Conn Med** 1984 Sep;48(9):609-12

Cerebral preservation during cardiopulmonary resuscitation. Bircher N, et al. **Crit Care Med** 1985 Mar;13(3):185-90

Regional blood flow during cardiopulmonary resuscitation in dogs. Luce JM, et al. **Crit Care Med** 1984 Oct;12(10):874-8

Prognostic and therapeutic importance of the aortic diastolic pressure in resuscitation from cardiac arrest. Sanders AB, et al. **Crit Care Med** 1984 Oct;12(10):871-3

Electrical interventions in cardiopulmonary resuscitation: pacing. Bern AI, et al. **Emerg Med Clin North Am** 1983 Dec;1(3):541-52 (106 ref.)

Pharmacologic interventions in resuscitation. Boike SC, et al. **Emerg Med Clin North Am** 1983 Dec;1(3):553-69 (135 ref.)

Immediate postresuscitative care: Part I. Brown M. **Emerg Med Clin North Am** 1983 Dec;1(3):671-9 (84 ref.)

Lightning injuries. Cooper MA. **Emerg Med Clin North Am** 1983 Dec;1(3):639-41

Resuscitation of submersion casualties. Kizer KW. **Emerg Med Clin North Am** 1983 Dec;1(3):643-52 (97 ref.)

Resuscitation of the multiply injured patient. Krome RL. **Emerg Med Clin North Am** 1983 Dec;1(3):571-82

Acute resuscitation of the patient with head and spinal cord injuries. Mahoney BD, et al. **Emerg Med Clin North Am** 1983 Dec;1(3):583-94 (80 ref.)

Pediatric cardiopulmonary resuscitation. Orlowski JP. **Emerg Med Clin North Am** 1983 Apr;1(1):3-25 (43 ref.)

Electrical interventions in cardiopulmonary resuscitation: cardioversion. Pancoast P, et al. **Emerg Med Clin North Am** 1983 Dec;1(3):535-9

Neonatal resuscitation. Poland R, et al. **Emerg Med Clin North Am** 1983 Dec;1(3):601-8

Immediate postresuscitative care: Part II. Rosen ML. **Emerg Med Clin North Am** 1983 Dec;1(3):681-92 (58 ref.)

Pediatric cardiac arrest. Rosenberg N. **Emerg Med Clin North Am** 1983 Dec;1(3):609-17 (60 ref.)

Electrical interventions in cardiopulmonary resuscitation: defibrillation. Ventriglia WJ, et al. **Emerg Med Clin North Am** 1983 Dec;1(3):515-34 (247 ref.)

Early PEEP in the treatment of a freshwater near-drowning patient. Saenghirunvattana S, et al. **J Med Assoc Thai** 1984 Apr;67(4):258-61

The importance of prostaglandin E1 in resuscitation of the neonate with critical aortic stenosis [letter] Jonas RA, et al. **J Thorac Cardiovasc Surg** 1985 Feb;89(2):314-5

Hypertonic lactated saline resuscitation of severely burned patients over 60 years of age. Bowser-Wallace BH, et al. **J Trauma** 1985 Jan;25(1):22-6

Pharmacologic approach to cardiopulmonary resuscitation in children. Blumer JL. **Pediatr Ann** 1985 Apr;14(4):313-4, 316, 319-22

Continuous conjunctival and transcutaneous oxygen tension monitoring during resuscitation in a patient. Abraham E. **Resuscitation** 1984 Nov;12(3):207-11

Cerebral blood flow during conventional, new and open-chest cardio-pulmonary resuscitation in dogs. Arai T, et al. **Resuscitation** 1984 Jul;12(2):147-54

'Canberra' (role conversion) triage and resuscitation. Williams JG. **Trans Med Soc Lond** 1982-84;99-100:81-5

[Significance of cardiopulmonary resuscitation in thoracic surgery] Ratto GB, et al. **Acta Chir Belg** 1985 Jan-Feb;85(1):9-15 (Eng. Abstr.) **(Fre)**

[Resuscitation of hemorrhagic shock in cirrhotics taking propranolol (letter)] Cales P, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):186-7 **(Fre)**

[Progress in resuscitation and shock treatment] Schmitz E, et al. **Fortschr Med** 1985 Mar 21;103(11):287-9 (Eng. Abstr.) **(Ger)**

[Acute tocolysis in labor. Physiopathology and clinical aspects of intrauterine resuscitation] Kastendieck E. **Gynakologe** 1984 Dec;17(4):265-80 **(Ger)**

[Ventilation-improving measures without assistance] Bucklitsch W. **Z Arztl Fortbild (Jena)** 1984;78(15):606-8 **(Ger)**

[New developments in the field of cardiopulmonary resuscitation] Treu T. **Z Arztl Fortbild (Jena)** 1984;78(17):699-702 **(Ger)**

['Intrauterine resuscitation' in the curved course of transcutaneous pO2 measurement in the fetus during labor. 2. Uterine contraction inhibition and contraction regulation] Bellée H, et al. **Zentralbl Gynakol** 1985;107(1):47-53 (Eng. Abstr.) **(Ger)**

[Therapeutic problems in quinine poisoning. A clinical case] Fontana GC, et al. **Minerva Anestesiol** 1984 Nov;50(11):569-72 (Eng. Abstr.) **(Ita)**

[Anesthesiological and resuscitation problems in the corrective surgery of jaw malformations] Comelli LF, et al. **Minerva Stomatol** 1985 Jan-Feb;34(1):21-6 **(Ita)**

[Methods of resuscitation] Szczechowski L, et al. **Neurol Neurochir Pol** 1985 Jan-Feb;19(1):36-42 (24 ref.) **(Pol)**

[Improved method of the hemosorption procedure for suckling infants in resuscitation practice] Luzhnikov EA, et al. **Anesteziol Reanimatol** 1985 Jan-Feb;(1):41-2 (Eng. Abstr.) **(Rus)**

[Hemosorption in pediatric resuscitation practice] Zhdanov GG, et al. **Anesteziol Reanimatol** 1985 Jan-Feb;(1):42-4 (Eng. Abstr.) **(Rus)**

[Characteristics of the resuscitation of dogs immunized with a foreign protein and sheep erythrocytes] Enikeev DA, et al. **Patol Fiziol Eksp Ter** 1985 Mar-Apr;(2):22-7 (Eng. Abstr.) **(Rus)**

NURSING

Intraoperative cardiac arrest. Nursing implications. Yanick CB, et al. **AORN J** 1985 Feb;41(2):404, 406, 408 passim

[Nursing of a patient resuscitated from cardiac arrest after 36 minutes] Wang GY. **Chung Hua Hu Li Tsa Chih** 1984 Oct;19(5):285-7 **(Chi)**

PSYCHOLOGY

Brief psychotherapy after survival from cardiac arrest. Owen PM, et al. **Heart Lung** 1985 Jan;14(1):18-20

STANDARDS

A call to study improved cardiac life support [editorial] Babbs CF, et al. **Am J Emerg Med** 1985 Jan;3(1):84-7

Do not resuscitate: writing a no code policy. Clayton D. **Can Med Assoc J** 1985 Jul 1;133(1):62-4

A case study in the abdication of professional responsibility. Purple dots and red circles. Paris JJ. **Conn Med** 1985 Feb;49(2):109-11

Orders not to resuscitate: the DNR patient [editorial] Chernow B, et al. **Crit Care Med** 1984 Oct;12(10):922-3

Some treatment-withholding implications of no-code orders in an academic hospital. Uhlmann RF, et al. **Crit Care Med** 1984 Oct;12(10):879-81

Treatment and care of 'do not resuscitate' patients in a medical intensive care unit. Lewandowski W, et al. **Heart Lung** 1985 Mar;14(2):175-81

The resuscitation of the severely injured in the accident and emergency department—a medical audit. Dearden CH, et al. **Injury** 1985 Jan;16(4):249-52

Cardiopulmonary resuscitation: a survey of standards among junior hospital doctors. Casey WF. **J R Soc Med** 1984 Nov;77(11):921-4

The do-not-resuscitate order in teaching hospitals. Evans AL, et al. **JAMA** 1985 Apr 19;253(15):2236-9

[Means of improving anesthesiological and resuscitation care at medical evacuation centers] Uvarov BS. **Voen Med Zh** 1985 Mar;(3):21-4 **(Rus)**

TRENDS

Managerial procedures and hospital practices: a case study of the development of a new medical discipline. Cabridain MO. **Soc Sci Med** 1985;20(2):167-72

[Modern development of anesthesia, resuscitation and intensive therapy in Bulgaria] Iordanov I. **Khirurgiia (Sofiia)** 1985;38(1):8-11 **(Bul)**

[Current principles of development of emergency therapy] Golikov AP, et al. **Ter Arkh** 1985;57(5):24-7 **(Rus)**

UTILIZATION

Not to be resuscitated [editorial] Searle JF. **Anaesthesia** 1985 Jul;40(7):617-8

Prehospital stabilization of critically injured patients: a failed concept. Smith JP, et al. **J Trauma** 1985 Jan;25(1):65-70

Factors affecting the likelihood that cardiopulmonary resuscitation (CPR) will be used by trained rescuers. Muelleman RL, et al. **Nebr Med J** 1985 May;70(5):172-7

VETERINARY

[Use of acupuncture in the resuscitation of animals] Still J, et al. **Vet Med (Praha)** 1985 Aug;30(8):493-500 (Eng. Abstr.) **(Cze)**

RETE TESTIS see under **TESTIS**

RETENTION (PSYCHOLOGY) see under **MEMORY**

RETICULAR FORMATION

The Northwestern Connection with the Reticular Formation [editorial] Magoun HW. **Surg Neurol** 1985 Sep;24(3):250-2

ANATOMY & HISTOLOGY

Primary afferent projections of the octavus nerve to the inferior reticular formation and adjacent nuclei in the elasmobranch, Rhinobatos sp. Dunn RF, et al. **Brain Res** 1984 Dec 10;323(2):354-9

Cerebellar, medullary and spinal afferent connections of the paramedian reticular nucleus in the cat. Elisevich KV, et al. **Brain Res** 1985 Apr 22;332(2):267-82

Cortical projections of the nucleus centralis superior and the adjacent reticular tegmentum in the mouse. Galindo-Mireles D, et al. **Brain Res** 1985 Mar 25;330(2):343-8

Frontal eye field projection to the paramedian pontine reticular formation traced with wheat germ agglutinin in the monkey. Schnyder H, et al. **Brain Res** 1985 Mar 11;329(1-2):151-60

Cholinergic projections from the midbrain and pons to the thalamus in the rat, identified by combined retrograde tracing and choline acetyltransferase immunohistochemistry. Sofroniew MV, et al. **Brain Res** 1985 Mar 11;329(1-2):213-23

Ascending and descending axon collaterals efferent from the brainstem reticular formation. A retrograde fluorescent tracer study in the lizard, Varanus exanthematicus. ten Donkelaar HJ, et al. **Brain Res** 1984 Nov 19;322(1):184-8

On the projections from the vestibular and perihypoglossal nuclei to the spinal trigeminal and lateral reticular nuclei in the cat. Walberg F, et al. **Brain Res** 1985 Apr 29;333(1):123-30

Projections from the superior colliculus to a region of the central mesencephalic reticular formation (cMRF) associated with horizontal saccadic eye movements. Cohen B, et al. **Exp Brain Res** 1984;57(1):167-76

Supramedullary projections to the dorsal and ventral divisions of the paramedian reticular nucleus in the cat. Elisevich K, et al. **Exp Brain Res** 1985;58(2):368-78

Spinal projections of the gigantocellular reticular formation in the rat. Evidence for projections from different areas to laminae I and II and lamina IX. Martin GF, et al. **Exp Brain Res** 1985;58(1):154-62

Brainstem afferents to the omnipause region in the cat: a horseradish peroxidase study. Langer TP, et al. **J Comp Neurol** 1984 Dec 10;230(3):444-58

Rostral ventrolateral medulla: selective projections to the thoracic autonomic cell column from the region containing C1 adrenaline neurons. Ross CA, et al. **J Comp Neurol** 1984 Sep 10;228(2):168-85

Tectoreticular pathways in the turtle, Pseudemys scripta. I. Morphology of tectoreticular axons. Sereno MI. **J Comp Neurol** 1985 Mar 1;233(1):48-90

Distinguishing rat brainstem reticulospinal nuclei by their neuronal morphology. I. Medullary nuclei. Newman DB. **J Hirnforsch** 1985;26(2):187-226

Does the interstitial nucleus of cajal project to the hypoglossal nucleus in the rat? Aldes LD, et al. **J Neurosci Res** 1984;12(4):553-61

Axonal branching in the projections from the paramedian reticular nucleus to the cerebellar cortex. Elisevich KV, et al. **Neurosci Lett** 1984 Oct 12;51(2):195-200

Vestibular nuclear efferents to the nucleus raphe pontis, the nucleus reticularis tegmenti pontis and the nuclei pontis in the cat. Gerrits NM, et al. **Neurosci Lett** 1985 Mar 15;54(2-3):357-62

Phrenic afferent input to the lateral medullary reticular formation of the cat. Macron JM, et al. **Respir Physiol** 1985 Feb;59(2):155-67

CYTOLOGY

Effect of pentobarbital on neurones in the reticular formation of the brain stem: ionophoretic study in the rat. Pavlásek J, et al. **Gen Physiol Biophys** 1984 Dec;3(6):463-73

T reticular interneurons: a class of serially repeating cells in the zebrafish hindbrain. Kimmel CB, et al. **J Comp Neurol** 1985 Mar 15;233(3):365-76

Tectoreticular pathways in the turtle, Pseudemys scripta. II. Morphology of tectoreticular cells. Sereno MI, et al. **J Comp Neurol** 1985 Mar 1;233(1):91-114

DRUG EFFECTS

Dose effects of halothane on sensory evoked responses obtained from the cortex, reticular formation and central gray. Prasad CM, et al. **Int J Neurosci** 1985 Jul;27(1-2):91-100

Microinjection of neostigmine into the pontine reticular formation of cats enhances desynchronized sleep signs. Baghdoyan HA, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):173-80

Caffeine tolerance: behavioral, electrophysiological and neurochemical evidence. Chou DT, et al. **Life Sci** 1985 Jun 17;36(24):2347-58

Differential effect of antiepileptic and non-antiepileptic drugs on the reticular formation. Fromm GH, et al. **Life Sci** 1984 Dec 24;35(26):2665-73

[Effects of NRGC-lesion on the rates of the development of morphine tolerance and dependence in rats] Kishioka S, et al. **Nippon Yakurigaku Zasshi** 1985 Jun;85(6):467-80 (Eng. Abstr.) **(Jpn)**

[Effect of bulbar microinjections of noradrenaline, isoproterenol and phentolamine on the spino-bulbo-spinal reflex in the cat] Gokin AP, et al. **Neirofiziologiia** 1984;16(4):550-3 (Eng. Abstr.) **(Rus)**

METABOLISM

The distribution and origin of serotonin immunoreactivity in the rat cerebellum. Bishop GA, et al. **Brain Res** 1985 Apr 8;331(2):195-207

Octanoic acid-induced coma and reticular formation energy metabolism. McCandless DW. **Brain Res** 1985 May 27;335(1):131-7

Experimental pain and neuropeptides. Takagi H. **Clin Ther** 1984;7 Spec No:35-47

PATHOLOGY

Neuronal development in the medullary reticular formation in sudden infant death syndrome and premature infants. Takashima S, et al. **Neuropediatrics** 1985 May;16(2):76-9

[A case of progressive supranuclear palsy with fibrillary gliosis of the mid-brain and pontine reticular formation] Ishino H, et al. **Rinsho Shinkeigaku** 1984 Aug;24(8):795-801 (Eng. Abstr.) **(Jpn)**

[Morphological changes and acid phosphatase and thiamine pyrophosphatase activities of the nuclei of the reticular formation and neurosecretory nuclei of the hypothalamus in rabbits exposed to increased environmental temperature] Gadamski R, et al. **Neuropatol Pol** 1985;23(1):83-96 (Eng. Abstr.) **(Pol)**

[Spatial reorganization of the organelles of catecholamine-synthesizing group A1 neurons during emotional stress] Zhigadlo BA, et al. **Arkh Anat Gistol Embriol** 1985 Feb;88(2):11-6 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Tonic facilitatory influences of dorsal pontine reticular structures on the response gain of limb extensors to sinusoidal labyrinth and neck stimulations. D'Ascanio P, et al. **Arch Ital Biol** 1985 May;123(2):101-32

Neural substrates for tone-conditioned bradycardia demonstrated with 2-deoxyglucose. I. Activation of auditory nuclei. Gonzalez-Lima F, et al. **Behav Brain Res** 1984 Dec;14(3):213-33

The effect of lesions in the mesencephalic reticular formation upon conditioned avoidance responses in rat. II. Lesions of the area cuneiformis. Mager P, et al. **Biomed Biochim Acta** 1984;43(10):1145-55

Noxious cardiac input onto neurons in medullary reticular formation. Blair RW. **Brain Res** 1985 Feb 11;326(2):335-46

The effects of decerebration and destruction of nucleus raphe magnus, periaqueductal grey matter and brainstem lateral reticular formation on the depression due to surgical trauma of the jaw-opening reflex evoked by tooth-pulp stimulation in the cat. Clarke RW. **Brain Res** 1985 Apr 22;332(2):231-6

The response of neurons of the medial pontomedullary reticular formation of rats to peripheral thermal stimuli. Farham CJ, et al. **Brain Res** 1985 Jun 10;336(1):107-15

Single unit activity in lateral reticular nucleus during cortically evoked masticatory movements in rabbits. Marini G, et al. **Brain Res** 1985 Jul 1;337(2):287-92

Activity changes in nucleus reticularis gigantocellularis in relation to skilled forelimb movement in rats. Saling M, et al. **Brain Res** 1985 Apr 1;331(1):137-41

Activation of lumbar spinoreticular neurons by stimulation of muscle, cutaneous and sympathetic afferents. Thies R. **Brain Res** 1985 Apr 29;333(1):151-5

Responses of preoptic neurons to stimulation of caudal and rostral brain stem reticular structures. Mallick BN, et al. **Brain Res Bull** 1984 Sep;13(3):353-6

Horizontal saccades induced by stimulation of the central mesencephalic reticular formation. Cohen B, et al. **Exp Brain Res** 1985;57(3):605-16

Interstitial-vestibular interaction in the control of head posture. Fukushima K, et al. **Exp Brain Res** 1985;57(2):264-70

Burst activity of identified tecto-reticulo-spinal neurons in the alert cat. Grantyn A, et al. **Exp Brain Res** 1985;57(2):417-21

Projections to eye movement-related pause neuron region in cat using HRP. Ito J, et al. **Exp Neurol** 1984 Oct;86(1):93-104

Influence of ascending reticular activating system on preoptic neuronal activity. Mohan Kumar V, et al. **Exp Neurol** 1984 Oct;86(1):40-52

Ensemble reactions of neurons in the reticular formation of the cat--categorization of inputs and temporal influences. Pavlásek J, et al. **Exp Neurol** 1984 Dec;86(3):415-33

Reticular formation neurons related to tongue movement in the behaving cat. Suzuki SS, et al. **Exp Neurol** 1985 Sep;89(3):689-97

Role of the brain-stem reticular formation in tonic-clonic seizures: lesion and pharmacological studies. Browning RA. **Fed Proc** 1985 May;44(8):2425-31 (34 ref.)

Mechanisms of sensory seizures: brain-stem neuronal response changes and convulsant drugs. Faingold CL, et al. **Fed Proc** 1985 May;44(8):2436-41 (49 ref.)

Evaluation of the cardiovascular regulatory mechanisms in the medulla oblongata of the rat: low-intensity electrical activation. Chan SH. **J Auton Nerv Syst** 1984 Nov;11(3):317-22

Reticular formation of the lower brainstem. A common system for cardio-respiratory and somatomotor functions. Considerations aided by computer simulations. Lambertz M, et al. **J Auton Nerv Syst** 1985 Jan;12(1):63-75

Reticular formation of the lower brainstem. A common system for cardio-respiratory and somatomotor functions. Cross-correlation analysis of discharge patterns of neighbouring neurones. Schulz G, et al. **J Auton Nerv Syst** 1985 Jan;12(1):35-62

Raphe magnus inhibition of feline T1-T4 spinoreticular tract cell responses to visceral and somatic inputs. Chapman CD, et al. **J Neurophysiol** 1985 Mar;53(3):773-85

Phase-dependent responses evoked in limb muscles by stimulation of medullary reticular formation during locomotion in thalamic cats. Drew T, et al. **J Neurophysiol** 1984 Oct;52(4):653-75

Electrophysiological characteristics of lumbar spinal cord neurons backfired from lateral reticular nucleus in the rat. Menétrey D, et al. **J Neurophysiol** 1984 Oct;52(4):595-611

Response properties and functional organization of neurons in midline region of medullary reticular formation of cats. Yen CT, et al. **J Neurophysiol** 1984 Nov;52(5):961-79

Lesions in nucleus basalis magnocellularis and medial septal area of rats produce qualitatively similar memory impairments. Hepler DJ, et al. **J Neurosci** 1985 Apr;5(4):866-73

Enhancement of long-term potentiation in the rat dentate gyrus by post-trial stimulation of the reticular formation. Bloch V, et al. **J Physiol (Lond)** 1985 Mar;360:215-31

Electrical stimulation of the salivatory nucleus in the rat. Donaldson J, et al. **J Physiol (Lond)** 1984 Nov;356:1-7

Dissociation between respiratory phase switching and phasic phrenic response on low-intensity stimulation of pneumotaxic complex and nearby structures. Villard MF, et al. **J Physiol (Paris)** 1984;79(1):11-6

Participation of the lateral geniculate body in mechanisms of brain activation. Zubkova NA, et al. **Neurosci Behav Physiol** 1985 May-Jun;15(3):193-8

Supraspinal loops that mediate visceral inputs to thoracic spinal cord neurones in the cat: involvement of descending pathways from raphe and reticular formation. Cervero F, et al. **Neurosci Lett** 1985 May 14;56(2):189-94

Classical conditioning enhances auditory 2-deoxyglucose patterns in the inferior colliculus. Gonzalez-Lima F, et al. **Neurosci Lett** 1984 Sep 28;51(1):79-85

Responses of the nucleus of the optic tract neurons projecting to the nucleus reticularis tegmenti pontis upon optokinetic stimulation in the rabbit. Maekawa K, et al. **Neurosci Res** 1984 Dec;2(1-2):1-25

Facilitation of generalization performances in spatial learning problems by posttrial stimulation of the mesencephalic reticular formation. Ammassari-Teule M, et al. **Physiol Behav** 1984 Jun;32(6):1027-31

Suppression of bulboreticular unit responses to noxious stimuli by analgesic mesencephalic stimulation. Morrow TJ, et al. **Somatosens Res** 1983;1(2):151-68

[Effects of the stimulation of the mesencephalic reticular formation on the electric activity of the thalamus and cerebral cortex] Garkavenko VV. **Fiziol Zh** 1985 Mar-Apr;31(2):120-6 (Eng. Abstr.) **(Rus)**

[Effect of the midbrain reticular formation on the neuronal activity of the associative cortex evoked by transcallosal stimulation] Mamonets TM. **Fiziol Zh** 1984 Sep-Oct;30(5):617-24 (Eng. Abstr.) **(Rus)**

[Antidromal activation and synaptic processes of Deiters nucleus induced by stimulation of the inferior olive and reticular nucleus of the pontine tegmentum] Fanardzhian VV, et al. **Fiziol Zh SSSR** 1984 Aug;70(8):1116-24 (Eng. Abstr.) **(Rus)**

[Effects of excluding reticuloseptal input on hippocampal electrical activity in the cat] Gloveli TB. **Fiziol Zh SSSR** 1985 Jan;71(1):80-6 (Eng. Abstr.) **(Rus)**

[Relation of the frequencies of the rhythmic components of cortical and hippocampal electric activity to the intensity of stimulation of the reticular formation] Vorob'ev NA, et al. **Fiziol Zh SSSR** 1985 May;71(5):660-2 **(Rus)**

[Effect of the limbic-reticular complex on various vestibular reactions in rabbits] Koriukin VE, et al. **Kosm Biol Aviakosm Med** 1984 Sep-Oct;18(5):88-90 **(Rus)**

[Characteristics of the connections of superior olivary and inferior collicular neurons reacting to the presentation of amplitude-modulated stimuli with synchronized discharges in the bat] Andreeva NG, et al. **Neirofiziologiia** 1984;16(6):800-7 (Eng. Abstr.) **(Rus)**

[Reticular structures of the cat brain participating in startle reflexes in response to somatic stimuli of different modalities] Gokin AP, et al. **Neirofiziologiia** 1985;17(3):380-90 (Eng. Abstr.) **(Rus)**

[Synaptic action of vestibular nerve afferents on reticular neurons of the isolated medulla oblongata of the goldfish] Kozhanov VM, et al. **Neirofiziologiia** 1985;17(1):124-7 (Eng. Abstr.) **(Rus)**

[Dynamics of the neuronal activity of midbrain reticular nuclei in the sleep-wakefulness cycle] Oniani TN, et al. **Neirofiziologiia** 1984;16(5):678-90 (Eng. Abstr.) **(Rus)**

[Role of the reticular formation in regulating movement. Several intrareticular mechanisms and functional properties of the reticulospinal system] Pavlasek Iu, et al. **Neirofiziologiia** 1984;16(5):637-51 (Eng. Abstr.) **(Rus)**

[Antidromic and synaptic potentials of neurons of the lateral vestibular nucleus of the cat evoked by stimulation of the interstitial nucleus of Cajal and the nucleus of Darkschewitsch] Sarkisian VA, et al. **Neirofiziologiia** 1984;16(6):822-9 (Eng. Abstr.) **(Rus)**

[Morphophysiologic study of reticulo-cortical pathways in the rabbit] Artiukhina NI, et al. **Zh Vyssh Nerv Deiat** 1985 Mar-Apr;35(2):297-305 (Eng. Abstr.) **(Rus)**

[Effect of the midbrain reticular formation on the response of cortical neurons in the rabbit during learning] Kaburneeva LI, et al. **Zh Vyssh Nerv Deiat** 1984 Sep-Oct;34(5):888-95 (Eng. Abstr.) **(Rus)**

[Effect of deafferentation of the lateral geniculate body on its background activity] Liubimov NN, et al. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):504-9 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Midbrain paresis of horizontal gaze. Zackon DH, et al. **Ann Neurol** 1984 Oct;16(4):495-504

Nucleus reticularis lateralis involvement in the pressor component of the cerebral ischemic response. Haselton JR, et al. **Brain Res** 1985 Jun 3;335(2):315-20

Effects of pontine reticular formation lesions on optokinetic head nystagmus in rats. Sirkin DW, et al. **Exp Brain Res** 1985;58(3):503-9

Involvement of cortical, thalamic and midbrain reticular formation neurons in spike and wave discharges: extracellular study in feline generalized penicillin epilepsy. Pellegrini A, et al. **Exp Neurol** 1985 Aug;89(2):465-78

Paresis of lateral gaze alternating with so-called posterior internuclear ophthalmoplegia. A partial paramedian pontine reticular formation-abducens nucleus syndrome. Bogousslavsky J, et al. **J Neurol** 1985;232(1):38-42

RETICULIN

ANALYSIS

[Reversible reticulin myelofibrosis associated with pernicious anemia] Ribera JM, et al. **Sangre (Barc)** 1985;30(3):369-71 **(Spa)**

IMMUNOLOGY

Studies on the significance of the R1 anti-reticulin antibody associated with gluten sensitivity. Unsworth DJ, et al. **Int Arch Allergy Appl Immunol** 1985;76(1):47-51

Evaluation of a serum IgA-class reticulin antibody test for the detection of childhood celiac disease. Mäki M, et al. **J Pediatr** 1984 Dec;105(6):901-5

R1 reticulin antibodies: markers of celiac disease in children on a normal diet and on gluten challenge. Lazzari R, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):516-22

RETICULOCYTES

Effects of sample size on reticulocyte counting and stool examination [letter] **Arch Pathol Lab Med** 1984 Dec;108(12):941-3

Demonstration of two distinct antibodies in autoimmune hemolytic anemia with reticulocytopenia and red cell aplasia. Mangan KF, et al. **Exp Hematol** 1984 Nov;12(10):788-93

Automated enumeration of reticulocytes using acridine orange. Wearne A, et al. **Pathology** 1985 Jan;17(1):75-7

ANALYSIS

Low molecular weight iron in guinea pig reticulocytes. Pollack S, et al. **Am J Hematol** 1985 May;19(1):75-84

Purification of various forms of elongation factor 1 from rabbit reticulocytes. Carvalho JF, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):591-602

Biological characterization of various forms of elongation factor 1 from rabbit reticulocytes. Carvalho MD, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):603-11

Eukaryotic protein synthesis initiation factor eIF-3: determination of concentration and association with ribosomes in rabbit reticulocyte and HeLa cell lysates. Mengod G, et al. **Biochim Biophys Acta** 1985 Jun 24; 825(2):169-74

Reticulocyte cytosol activator protein: effects on the stimulatory and inhibitory regulatory proteins of adenylate cyclase. Shane E, et al. **Endocrinology** 1985 Jul; 117(1):264-70

Cytosol activator protein from rat reticulocytes requires the stimulatory guanine nucleotide-binding protein for its actions on adenylate cyclase. Shane E, et al. **Endocrinology** 1985 Jul;117(1):255-63

An ammonium sulphate fraction from rabbit reticulocytes increases the release of proteins from rat liver mitochondria. Miralles VJ, et al. **FEBS Lett** 1985 Feb 11; 181(1):39-42

Characterization of two rat globin cDNA clones. Crkvenjakov R, et al. **Hemoglobin** 1984;8(6):597-611

Protein synthesis initiation factor 2 from chicken reticulocytes: purification by affinity chromatography and preliminary characterization. Lee JC. **Int J Biochem** 1984; 16(11):1143-7

A comparative study of the characteristics of eIF-2 and eIF-2-ancillary factor activities from yeast Saccharomyces cerevisiae and rabbit reticulocytes. Ahmad MF, et al. **J Biol Chem** 1985 Jun 10;260(11):6960-5

Ribosomal subunit antiassociation activity in rabbit reticulocyte lysates. Evidence for a low molecular weight ribosomal subunit antiassociation protein factor (Mr = 25,000). Raychaudhuri P, et al. **J Biol Chem** 1984 Oct 10; 259(19):11930-5

[Comparison of cytoplasmic informosome proteins with RNA-binding proteins and translation initiation factors from rabbit reticulocytes.] Minich VB, et al. **Biokhimiia** 1985 Mar;50(3):465-74 (Eng. Abstr.) **(Rus)**

CYTOLOGY

Simultaneous reticulocyte and platelet counting on a clinical flow cytometer. Vaughan WP, et al. **Am J Hematol** 1985 Apr;18(4):385-91

Relationship of reticulocyte age to polychromasia, shift cells, and shift reticulocytes. Crouch JY, et al. **Arch Pathol Lab Med** 1985 Apr;109(4):325-9

Flow cytometric analysis of blood cells stained with the cyanine dye DiOC1[3]: reticulocyte quantification. Jacobberger JW, et al. **Cytometry** 1984 Nov;5(6):589-600

Reticulocyte counts and haemoglobin glycosylation in diabetes [letter] Dello Russo P, et al. **Diabete Metab** 1984 Oct;10(4):277-8

Maturation of rabbit reticulocytes: susceptibility of mitochondria to ATP-dependent proteolysis is determined by the maturational state of reticulocyte. Rapoport S, et al. **FEBS Lett** 1985 Apr 22;183(2):370-4

Mammalian reticulocytes lose adhesion to fibronectin during maturation to erythrocytes. Patel VP, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):440-4

DRUG EFFECTS

Effect of polyamines on hemoglobin and globin chain synthesis. Ballas SK, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):546-52

Dicyclohexylcarbodiimide influences the regulatory properties of the adenylate cyclase system in rat reticulocyte membranes. Hoffenberg SI. **Biochem Int** 1984 Dec;9(6):807-14

Dissipation of electrochemical ion gradients induced by carbonyl cyanide p-trifluoromethoxyphenylhydrazone and valinomycin in rabbit reticulocytes as loads of energy metabolism. Spengler V, et al **Biomed Biochim Acta** 1985; 44(3):403-9

Reticulocyte haem synthesis in occupational exposure to trinitrotoluene. Savolainen H, et al. **Br J Ind Med** 1985 May;42(5):354-5

Effects of spermine on transferrin and iron uptake by reticulocytes: II. Changes in intravesicular pH. Loh TT, et al. **Cell Biol Int Rep** 1985 May;9(5):495-500

ENZYMOLOGY

Interaction of thyroid hormone and sex steroids at the rabbit reticulocyte membrane in vitro: control by 17 beta-estradiol and testosterone of thyroid hormone-responsive Ca2+-ATPase activity. Lawrence WD, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):78-85

Isolation and characterization of two forms of Met-tRNAf deacylase from rabbit reticulocyte ribosomes. Kwan A, et al. **Biochim Biophys Acta** 1984 Oct 5;783(1):80-8

Circular dichroism observations on the lipoxygenase from reticulocytes. Ludwig P, et al. **Biochim Biophys Acta** 1985 Aug 8;830(2):136-9

Pentane formation during the anaerobic reactions of reticulocyte lipoxygenase. Comparison with lipoxygenases from soybeans and green pea seeds. Salzmann U, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):535-42

The inactivation of lipoxygenases by acetylenic fatty acids. Kühn H, et al. **Biomed Biochim Acta** 1984;43(8-9):S358-61

Comparative studies on thymidylate synthetase from P. berghei and mouse reticulocytes. Pattanakitsakul SN, et al. **Comp Biochem Physiol [B]** 1985;80(3):583-7

The formation of products containing a conjugated tetraenoic system by pure reticulocyte lipoxygenase. Kühn H, et al. **FEBS Lett** 1984 Nov 19;177(2):255-9

Leukotriene formation by a purified reticulocyte lipoxygenase enzyme. Conversion of arachidonic acid and 15-hydroperoxyeicosatetraenoic acid to 14, 15-leukotriene A4. Bryant RW, et al. **J Biol Chem** 1985 Mar 25; 260(6):3548-55

Rabbit red blood cell hexokinase:intracellular distribution during reticulocytes maturation. Magnani M, et al. **Mol Cell Biochem** 1984 Aug;63(1):59-65

The 90-kDa component of reticulocyte heme-regulated eIF-2 alpha (initiation factor 2 alpha-subunit) kinase is derived from the beta subunit of spectrin. Kudlicki W, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5332-6

METABOLISM

Energy dependence of RNA degradation in rabbit reticulocytes. Park EA, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C390-5

Absence of covalent binding by insulin to erythrocyte and reticulocyte insulin receptors. Ward GM, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):849-53

Effects of K+ concentration on inhibition of protein synthesis by trimer and tetramer triphosphates of 2',5'-oligoadenylates in rabbit reticulocyte lysates. Wu JM, et al. **Biochem Biophys Res Commun** 1985 Jul 31; 130(2):821-7

Isolation of a heme-controlled inhibitor of translation that blocks the interaction between messenger rna and eukaryotic initiation factor 2. Knoller S, et al. **Biochemistry** 1984 May 22;23(11):2462-9

Indirect inactivation of rabbit reticulocyte initiation factor eIF-2 by helenalin and bis(helenalinyl) malonate. Williams WL Jr, et al. **Biochemistry** 1984 Nov 6;23(23):5637-44

Red cell amino acid transport. Evidence for the presence of system Gly in guinea pig reticulocytes. Fincham DA, et al. **Biochim Biophys Acta** 1984 Oct 17;777(1):147-50

Differential post-translational modification of human type I keratins synthesized in a rabbit reticulocyte cell-free system. Gibbs PE, et al. **Biochim Biophys Acta** 1985 Mar 20;824(3):247-55

Heme inhibits transferrin endocytosis in immature erythroid cells. Iacopetta B, et al. **Biochim Biophys Acta** 1984 Oct 12;805(2):211-6

The accuracy of protein synthesis in reticulocyte and HeLa cell lysates. Luce MC, et al. **Biochim Biophys Acta** 1985 Jul 24;825(3):280-8

A rabbit reticulocyte factor which stimulates protein synthesis in several mammalian cell-free systems. Morley SJ, et al. **Biochim Biophys Acta** 1985 May 24;825(1):57-69

The effect of various chelating agents on the mobilization of iron from reticulocytes in the presence and absence of pyridoxal isonicotinoyl hydrazone. Ponka P, et al. **Biochim Biophys Acta** 1984 Dec 20;802(3):477-89

The share of lipoxygenase in the antimycin-resistant oxygen uptake of intact rabbit reticulocytes. Salzmann U, et al. **Biomed Biochim Acta** 1985;44(2):213-21

Calmodulin antagonists inhibit and phorbol esters enhance transferrin endocytosis and iron uptake by immature erythroid cells. Hebbert D, et al. **Blood** 1985 Mar; 65(3):758-63

Phosphorylation of the transferrin receptor in isolated sheep reticulocyte plasma membranes. Johnstone RM, et al. **Can J Biochem Cell Biol** 1984 Sep;62(9):927-34

The fate of the transferrin receptor during maturation of sheep reticulocytes in vitro. Johnstone RM, et al. **Can J Biochem Cell Biol** 1984 Nov;62(11):1246-54

Effects of spermine on transferrin and iron uptake by reticulocytes: I. Action on the endocytic uptake of transferrin. Loh TT, et al. **Cell Biol Int Rep** 1985 Feb; 9(2):143-50

The interaction of resealed reticulocyte ghosts with Fe3+-transferrin-CO3(2-). Loh TT, et al. **Cell Biol Int Rep** 1985 Mar;9(3):229-35

Increased calcium uptake in the red cells of unsplenectomized patients with hereditary spherocytosis: significant contribution of reticulocytosis. Shimoda M, et al. **Clin Chim Acta** 1984 Sep 29;142(2):183-92

Transferrin endocytosis and the mechanism of iron uptake by reticulocytes in the toad (Bufo marinus). Lim BC, et al. **Comp Biochem Physiol [A]** 1984;79(2):317-23

Effects of denaturation and methylation on the degradation of proteins in cultured hepatoma cells and in reticulocyte cell-free systems. Katznelson R, et al. **Eur J Biochem** 1985 Jan 15;146(2):437-42

Regulation of protein synthesis in eukaryotes. Mode of action of eRF, an eIF-2-recycling factor from rabbit reticulocytes involved in GDP/GTP exchange. Salimans M, et al. **Eur J Biochem** 1984 Nov 15;145(1):91-8

The role of cholesteryl 14-methylhexadecanoate in the function of eukaryotic peptide elongation factor 1. Tuháčková Z, et al. **Eur J Biochem** 1985 Jan 15; 146(2):365-70

Phosphorylation of elongation factor 1 in polyribosome fraction of rabbit reticulocytes. Davydova EK, et al. **FEBS Lett** 1984 Oct 29;176(2):401-5

Endogenous ADP-ribosylation of elongation factor 2 in polyribosome fraction of rabbit reticulocytes. Sitikov AS, et al. **FEBS Lett** 1984 Oct 15;176(1):261-3

Transferrin and iron uptake by rat reticulocytes. Kohno H, et al. **J Biochem (Tokyo)** 1985 Apr;97(4):1181-8

Interaction of secretory protein precursors with phospholipids in liposomes. Nanba S, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1133-42

Mechanism of stimulation of globin synthesis by adenosine-3',5'-monophosphate and guanosine 5'-triphosphate in a rabbit reticulocyte lysate system. Suzuki H, et al. **J Biochem (Tokyo)** 1985 May; 97(5):1289-300

In vitro acylation of the transferrin receptor. Adam M, et al. **J Biol Chem** 1984 Dec 25;259(24):15460-3

Protein synthesis in rabbit reticulocytes. A study of the roles of Co-eIF-2, Co-eIF-2A80, and GDP in peptide chain initiation. Bagchi MK, et al. **J Biol Chem** 1985 Jun 10; 260(11):6950-4

Protein synthesis in rabbit reticulocytes. Purification and properties of an Mr 80,000 polypeptide (Co-eIF-2A80) with Co-eIF-2A activity. Chakravarty I, et al. **J Biol Chem** 1985 Jun 10;260(11):6945-9

Evidence that the primary effect of phosphorylation of eukaryotic initiation factor 2(alpha) in rabbit reticulocyte lysate is inhibition of the release of eukaryotic initiation factor-2.GDP from 60 S ribosomal subunits. Gross M, et al. **J Biol Chem** 1985 Aug 5;260(16):9491-500

Translationally associated helix-destabilizing activity in rabbit reticulocyte lysate. Liebhaber SA, et al. **J Biol Chem** 1984 Dec 25;259(24):15597-602

(Na,K)-ATPase and Ouabain binding in reticulocytes from dogs with high K and low K erythrocytes and their changes during maturation. Maede Y, et al. **J Biol Chem** 1985 Mar 25;260(6):3337-43

Cell-specific expression of heat shock proteins in chicken reticulocytes and lymphocytes. Morimoto R, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1316-23

Electron microscopic evidence for externalization of the transferrin receptor in vesicular form in sheep reticulocytes. Pan BT, et al. **J Cell Biol** 1985 Sep;101(3):942-8

Pig reticulocytes. V. Development of Rb+ influx during in vitro maturation. Lauf PK, et al. **J Cell Physiol** 1984 Nov; 121(2):284-90

The reticulocytic rat: a model for analysis of methotrexate polyglutamate dynamics in situ. Krakower GR, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):43-7

Irreversible antagonism of beta-adrenoceptors with para-amino-benzyl-carazolol provides further evidence for an atypical rat adipocyte beta-adrenoceptor. Bojanic D, et al. **J Recept Res** 1984;4(1-6):21-35

Changes in beta-adrenoceptor binding properties and receptor-cyclase coupling during in vitro maturation of rat reticulocytes. Montandon JB, et al. **J Recept Res** 1984; 4(1-6):91-102

Reticulocyte cytosol activator protein: its actions upon the beta adrenergic receptor and the N-proteins of adenylate cyclase. Shane E, et al. **J Recept Res** 1984;4(1-6):475-86

Actin amino-terminal acetylation and processing in a rabbit reticulocyte lysate. Redman KL, et al. **Methods Enzymol** 1984;106:179-92

Heat shock-induced translational control of HSP70 and globin synthesis in chicken reticulocytes. Banerji SS, et al. **Mol Cell Biol** 1984 Nov;4(11):2437-48

Iron uptake in iron-deficient reticulocytes. Okada S, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):873-7

Molecular advantage of diferric transferrin in delivering iron to reticulocytes: a comparative study. Huebers H, et al. **Proc Soc Exp Biol Med** 1985 Jun;179(2):222-6

The role of metabolic energy in the maturation-associated loss of reticulocyte membrane transport. Blostein R, et al. **Prog Clin Biol Res** 1984;165:279-89

Effects of denaturation and methylation on the degradation of proteins in cultured hepatoma cells and in reticulocyte cell-free systems. Katznelson R, et al. **Prog Clin Biol Res** 1985;180:483-5

Degradation of abnormal protein in rabbit reticulocytes: detection of intermediates. Worthington VC, et al. **Prog Clin Biol Res** 1985;180:653-4

[Free RNA-binding cytoplasmic proteins are detected in a labile association with polyribosomes] Minikh VB, et al. **Biokhimiia** 1985 Apr;50(4):604-12 (Eng. Abstr.) **(Rus)**

[Transfer of 59Fe to reticulocytes from transferrin in the serum of children with signs of protein-calorie malnutrition] Scaro JL, et al. **Sangre (Barc)** 1984; 29(3):287-93 (Eng. Abstr.) **(Spa)**

PARASITOLOGY

In vitro culture of Plasmodium yoelii blood stages. Lewis-Hughes PH, et al. **Int J Parasitol** 1984 Oct; 14(5):447-51

[Comparative ultrastructural study of the process of hemoglobin degradation by P. berghei (Vincke and Lips, 1948) as a function of the state of maturity of the host cell] Slomianny C, et al. **J Protozool** 1985 Feb;32(1):1-5 (Eng. Abstr.) **(Fre)**

PATHOLOGY

[The size of reticulocytes in beta-thalassemic homozygotes] Sensi A, et al. **Riv Emoter Immunoematol** 1984;31(2):130-40 (Eng. Abstr.) **(Ita)**

PHYSIOLOGY

Quantification of the different ribosomal phases during the translational elongation cycle in rabbit reticulocyte lysates. Nygård O, et al. **Eur J Biochem** 1984 Dec 3;145(2):345-50

Endocytosis and intracellular processing of transferrin and colloidal gold-transferrin in rat reticulocytes: demonstration of a pathway for receptor shedding. Harding C, et al. **Eur J Cell Biol** 1984 Nov;35(2):256-63

Hemin inhibits internalization of transferrin by reticulocytes and promotes phosphorylation of the membrane transferrin receptor. Cox TM, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5170-4

Mechanism of activation of the heme-stabilized translational inhibitor of reticulocyte lysates by calcium ions and phospholipid. de Herreros AG, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3119-23

Distribution of reversing factor in reticulocyte lysates during active protein synthesis and on inhibition by heme deprivation or double-stranded RNA. Thomas NS, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6998-7002

RADIATION EFFECTS

The influence of whole-body exposure to low doses of x-rays on the peripheral reticulocyte count. Segreto C, et al. **Int J Appl Radiat Isot** 1985 Jun;36(6):507

[Dynamics of changes in the number and proportion of different forms of rat peripheral blood reticulocytes during the initial days after whole body uniform irradiation by 60Co gamma quanta] Remizova IV. **Radiobiologiia** 1984 Nov-Dec;24(6):804-7 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Proteolysis of mitochondria in reticulocytes during maturation is ubiquitin-dependent and is accompanied by a high rate of ATP hydrolysis. Rapoport S, et al. **FEBS Lett** 1985 Jan 28;180(2):249-52

Maturation of the reticulocyte in vitro. Gronowicz G, et al. **J Cell Sci** 1984 Oct;71:177-97

[More detailed criteria for distinguishing lymphatic and reticular cells using electron microscopy] Bednář B, et al. **Cesk Patol** 1984 Aug;20(3):129-45 (Eng. Abstr.) **(Cze)**

RETICULOENDOTHELIAL SYSTEM

see related
HISTIOCYTES
PHAGOCYTES

Initial treatment of systemic lupus erythematosus with a new artificial reticuloendothelial system. Maeda K, et al. **Appl Biochem Biotechnol** 1984;10:193-6

ANALYSIS

A neuroendocrine marker in tissues of the immune system. Angeletti RH, et al. **Science** 1985 Oct 4;230(4721):89-90

CYTOLOGY

Human dendritic cells and macrophages. In situ immunophenotypic definition of subsets that exhibit specific morphologic and microenvironmental characteristics. Wood GS, et al. **Am J Pathol** 1985 Apr;119(1):73-82

The regulation of mononuclear phagocyte entry into S phase by the colony stimulating factor CSF-1. Tushinski RJ, et al. **J Cell Physiol** 1985 Feb;122(2):221-8

Preparation of pure hepatocytes and reticuloendothelial cells in high yield from a single rat liver by means of Percoll centrifugation and selective adherence. Smedsrød B, et al. **J Leukocyte Biol** 1985 Aug;38(2):213-30

[Current concept of the reticulohistiocytic and lymphocytic systems] Mirancea N, et al. **Rev Med Interna [Med Interna]** 1984 Nov-Dec;36(6):521-8 (14 ref.) **(Rum)**

DRUG EFFECTS

Some long-term effects of exchange transfusion with fluorocarbon emulsions in macaque monkeys. Rosenblum WI, et al. **Arch Pathol Lab Med** 1985 Apr;109(4):340-4

The use of erythrocytes for delivery of chemotherapeutic agents to the reticuloendothelial system. Lynch WE, et al. **Bibl Haematol** 1985;(51):42-9

Increased sensitivity of Corynebacterium parvum-treated mice to toxic effects of indomethacin and lipopolysaccharide. Hart DA. **Infect Immun** 1985 Feb;47(2):408-14

Effect of perfluorochemicals on host defense, especially on the reticuloendothelial system. Lutz J. **Int Anesthesiol Clin** 1985 Spring;23(1):63-93

The effect of ketoconazole on Candida albicans infection following depression of the reticuloendothelial activity with gadolinium chloride. Farkas B, et al. **Mykosen** 1985 Jul;28(7):338-41

Impaired reticuloendothelial function in patients treated with methyldopa. Kelton JG. **N Engl J Med** 1985 Sep 5;313(10):596-600

Modulation of reticuloendothelial activity with liposomes. Hojo H, et al. **Res Commun Chem Pathol Pharmacol** 1985 Mar;47(3):373-85

Measurements of reticuloendothelial system phagocytic activity in the rat after treatment with silica, liposomes, and cyclosporine. Merion RM. **Transplantation** 1985 Jul;40(1):86-90

[Control of iron reserve metabolism by the reticuloendothelial system] Celada A. **Sangre (Barc)** 1984;29(5):841-8 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

[Changes in the cathepsin activity of reticuloendothelial cells under the effect of biologically active substances] Popova GO, et al. **Antibiot Med Biotekhnol** 1985 Feb;30(2):106-9 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Sequential measurements of the reticulo-endothelial system function in Henoch-Schönlein disease of childhood. Correlations with various immunological parameters. Davin JC, et al. **Acta Paediatr Scand** 1985 Mar;74(2):201-6

The function and origin of follicular dendritic cells. Humphrey JH. **Folia Microbiol (Praha)** 1985;30(3):184-90

Rapidly progressive pancytopenia, hepatomegaly, and abnormal lung uptake of colloid in systemic lupus erythematosus: possible saturation of reticuloendothelial system with blood elements. Sakurai T, et al. **Henry Ford Hosp Med J** 1984;32(2):142-5

Evaluation of accessory cell heterogeneity. III. Role of dendritic cells in the in vitro activation of the antibody response to soluble antigens. Erb P, et al. **Immunobiology** 1985 May;169(4):424-35

Defective reticuloendothelial system Fc-receptor function in patients with acquired immunodeficiency syndrome. Bender BS, et al. **J Infect Dis** 1985 Aug;152(2):409-12

Assessment of reticuloendothelial system function in man using receptor-specific probes. Hamburger MI. **Neth J Med** 1984;27(9):359-67 (37 ref.)

METABOLISM

Reticuloendothelial system function and glucose-insulin dyshomeostasis in sepsis. Filkins JP. **Am J Emerg Med** 1984 Jan;2(1):70-3

Quantitation of reticuloendothelial iron kinetics in humans. Stefanelli M, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R842-9

The concentration of IgG in the serum is a major determinant of Fc-dependent reticuloendothelial function. Kelton JG, et al. **Blood** 1985 Sep;66(3):490-5

In vivo studies on the mononuclear phagocyte system Fc receptor function in rheumatoid arthritis. Correlations with clinical and immunological variables. Malaise MG, et al. **J Rheumatol** 1985 Feb;12(1):33-42

Distribution and localization of endotoxin in the reticulo-endothelial system (RES) and in the main vessels of the rat during shock. Freudenberg N, et al. **Pathol Res Pract** 1985 Mar;179(4-5):517-27

[Enhancement of antitumor effects on urological cancer in vitro and in vivo by drugs entrapped in liposomes. II. Role of reticuloendothelial system] Hata M, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Apr;76(4):508-15 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Fine needle aspiration biopsy in the evaluation of lymphoreticular tumors of the thorax. Bonfiglio TA, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug;29(4):548-53

Gravimetric, histological and cytotoxic changes of lymphoreticular tissue after implantation of tumor cells in mice. Morita K, et al. **Jpn J Surg** 1985 Mar;15(2):166-72

Professor Titu Vasiliu, the reticulohistiocytic system and malignant lymphomas. Simu G. **Morphol Embryol (Bucur)** 1985 Apr-Jun;31(2):95-100

Entamoeba histolytica: antibody responses and lymphoreticular changes in gerbils (Meriones unguiculatus) in response to experimental liver abscess and amebic extract infection. Chadee K, et al. **Z Parasitenkd** 1984;70(6):781-95

[A case report of histologically proven reactive lymphoreticular hyperplasia (RLH) of the cecum] Ueno T, et al. **Rinsho Hoshasen** 1984 Jul;29(7):821-3 (Eng. Abstr.) **(Jpn)**

[The reticulohistiocytic system and amyloid in the pathologico- anatomic picture in rheumatoid arthritis] Kopecký S, et al. **Vnitr Lek** 1985 May;31(5):492-6 (Eng. Abstr.) **(Slo)**

PHYSIOLOGY

Determination of the specific rate constants for the phagocytosis of radiogold colloids by the reticuloendothelial system in the rat. Bergoc RM, et al. **Int J Nucl Med Biol** 1984;11(3-4):267-9

Changes in the reticuloendothelial phagocytic function after partial hepatectomy. Arii S, et al. **J Lab Clin Med** 1985 Jun;105(6):668-72

The Reticuloendothelial Society twenty-first national meeting. Montreal, Canada, October 14-17,1984. Abstracts. **J Leukocyte Biol** 1984 Sep;36(3):365-458

Reticuloendothelial system activated by fructose-1,6-diphosphate in mice. Tarsi R, et al. **J Leukocyte Biol** 1985 Jan;37(1):45-50

Characteristics of macrophages in irradiation chimeras in mice reconstituted with allogeneic bone marrow cells. Yasumizu R, et al. **J Leukocyte Biol** 1985 Aug;38(2):305-15

Age dependent phagocytosis of red cell membranes by the reticulohistiocytary system of the isolated perfused rat liver. Vömel T. **Mech Ageing Dev** 1985 Jan;29(1):9-17

Impaired blood clearance of bacteria and phagocytic activity in vitamin A-deficient rats. Ongsakul M, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):204-8

[Fibronectin and insufficiency of the reticuloendothelial system (editorial)] Pereira VG, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Sep-Oct;39(5):201-2 **(Por)**

PHYSIOPATHOLOGY

The influence of splenic weight and function on survival after experimental pneumococcal infection. Malangoni MA, et al. **Ann Surg** 1985 Sep;202(3):323-8

Effect of red blood cell stroma on the reticuloendothelial system clearance and killing of Streptococcus pneumoniae. Grover GJ, et al. **Circ Shock** 1984;14(1):39-47

Reticuloendothelial function in the clearance of microaggregates following trauma. Rogers FB, et al. **Curr Surg** 1985 Jul-Aug;42(4):292-5

Splenic reticuloendothelial function in children with cancer. Buchanan GR, et al. **J Pediatr** 1985 Feb;106(2):239-42

The effects of malnutrition on serum fibronectin and reticuloendothelial function. Soper NJ, et al. **J Surg Res** 1984 Dec;37(6):431-6

The nonspecific clearance function of the reticuloendothelial system in patients with immune complex mediated diseases before and after therapeutic plasmapheresis. Löw A, et al. **Rheumatol Int** 1985;5(2):69-72

The clearance of heat-damaged erythrocytes by the reticulo-endothelial system in systemic lupus erythematosus and rheumatoid arthritis. Swaak AJ, et al. **Rheumatol Int** 1984;4(4):177-82

[Changes in the serum fibronectin level and reticuloendothelial system function in burns and thermal radiation lesions] Budagov RS, et al. **Patol Fiziol Eksp Ter** 1985 Mar-Apr;(2):27-9 (Eng. Abstr.) **(Rus)**

[Comparative study of the phagocytic activity of the reticuloendothelial system using blood clearance of colloidal carbon dust particles (C11/143) and radioactive gold Au198 in experimental histamine shock] Selak I, et al. **Acta Med Iugosl** 1984;38(3):141-54 (Eng. Abstr.) **(Ser)**

RADIOGRAPHY

[Thorotrast deposits in the RES of the liver and spleen--a rare but characteristic roentgen diagnosis] Kegel W. **Rontgenblatter** 1984 Aug;37(8):285-7 (Eng. Abstr.) **(Ger)**

RADIONUCLIDE IMAGING

[1st results of functional RES scintigraphy with 99mTc-labeled human serum albumin millimicrospheres in progressive scleroderma: possibility of early diagnosis of lung involvement?] Munz DL, et al. **Z Hautkr** 1984 Dec 1;59(23):1635-8 (Eng. Abstr.) **(Ger)**

ULTRASTRUCTURE

Reticulum cells: characterization and immune functions and the nature of Hodgkin and Reed-Sternberg cells. Jones EL. **J Pathol** 1984 Dec;144(4):227-32 (47 ref.)

RETICULOENDOTHELIOSIS

Sidney Farber Workshop on histiocytosis. February 26, 1982 Boston, Massachusetts. **Pediatr Pathol** 1984;2(4):381-440

[Multicentric reticulohistiocytosis] Scutellari PN, et al. **Radiol Med (Torino)** 1985 Jan-Feb;71(1-2):75-7 **(Ita)**

ANALYSIS

Clonal evolution in cutaneous malignant histiocytosis. Wantzin GL, et al. **Clin Exp Dermatol** 1985 Mar;10(2):121-6

BLOOD

[Reactive histiocytosis--analysis of 38 cases] Zhang ZN **Chung Hua Nei Ko Tsa Chih** 1984 Nov;23(11):666-8 (Eng Abstr.) **(Chi)**

CHEMICALLY INDUCED

Amiodarone lung toxicity: a human and experimental study. Costa-Jussà FR, et al. **J Pathol** 1984 Oct;144(2):73-9

[Paraneoplastic multicentric reticulohistiocytosis: induced and inductable by iodine containing x-ray contrast media] Bork K, et al. **Z Hautkr** 1985 May 1;60(9):729-36 (Eng Abstr.) **(Ger)**

CLASSIFICATION

Histiocytosis: nosology and pathobiology. Nezelof C, et al. **Pediatr Pathol** 1985;3(1):1-41 (211 ref.)

COMPLICATIONS

Osseous pseudotumor. The sole manifestation of sinus histiocytosis with massive lymphadenopathy. Lewin JR.

et al. **Am J Clin Pathol** 1985 Oct;84(4):547-50

Acyclovir treatment of disseminated varicella in childhood malignant neoplasms. Shulman ST. **Am J Dis Child** 1985 Feb;139(2):137-40

Fatal disseminated adenovirus infection featuring liver necrosis and prolonged viremia in an immunosuppressed child with malignant histiocytosis. Faden H, et al. **Am J Pediatr Hematol Oncol** 1985 Spring;7(1):15-20

Rheumatoid arthritis and malignant histiocytosis of the intestine [letter] Cooper C, et al. **Ann Rheum Dis** 1984 Oct;43(5):766-7

Still's disease associated with Coxsackie infection and haemophagocytic syndrome. Heaton DC, et al. **Ann Rheum Dis** 1985 May;44(5):341-4

Still's disease and the virus-associated haemophagocytic syndrome. Morris JA, et al. **Ann Rheum Dis** 1985 May;44(5):349-53

Multicentric reticulohistiocytosis: a cause of dysphagia with response to corticosteroids. Zeale PJ, et al. **Arthritis Rheum** 1985 Feb;28(2):231-4

Panniculitis associated with cutaneous T-cell lymphoma and cytophagocytic histiocytosis. Aronson IK, et al. **Br J Dermatol** 1985 Jan;112(1):87-96

Erythema annulare centrifugum and malignant histiocytosis--report of a case. Dodd HJ, et al. **Clin Exp Dermatol** 1984 Nov;9(6):608-13

Sinus histiocytosis with massive lymphadenopathy: skeletal involvement. Puczynski MS, et al. **Pediatr Radiol** 1985;15(4):259-61

[Malignant histiocytosis associated with acute myeloblastic leukemia] Gariépy G. **Union Med Can** 1984 Jun;113(6):476 **(Fre)**

[A case of malignant histiocytosis with pleural effusion and ascites] Tashiro T, et al. **Nippon Naika Gakkai Zasshi** 1984 Nov;73(11):1691-6 **(Jpn)**

CONGENITAL

Congenital self-healing reticulohistiocytoma. A clinical, histological and ultrastructural study. Ornvold K, et al. **Acta Paediatr Scand** 1985 Jan;74(1):143-7

DIAGNOSIS

Malignant histiocytosis in childhood [letter] Rousseau-Merck MF, et al. **Hum Pathol** 1985 Mar;16(3):321

Multicentric reticulohistiocytosis. Lesher JL Jr, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 2):713-23 (40 ref.)

Case report: approach to the diagnosis of sea-blue histiocytosis in a community setting. Napolitano J, et al. **J Med Soc NJ** 1985 Jan;82(1):48-50

Benign isolated histiocytosis mimicking chicken pox in a neonate: report of two cases with ultrastructural study. Valderrama E, et al. **Pediatr Pathol** 1985;3(1):103-13

Fever, jaundice, and histiocytic erythrophagocytosis: fulminant infection or malignancy? Heiman DF, et al. **Yale J Biol Med** 1984 Sep-Oct;57(5):787-95

[Malignant histiocytosis with predominantly hepatic manifestations (apropos of a case)] Meknini B, et al. **Tunis Med** 1984 Nov;62(7):519-22 (Eng. Abstr.) **(Fre)**

[Multicentric reticulohistiocytosis] Verrault JM. **Union Med Can** 1984 Jun;113(6):470-1 **(Fre)**

[Course of malignant histiocytosis] Trinkmann R. **Ophthalmologica** 1984;189(4):177-9 (Eng. Abstr.) **(Ger)**

[Two cases of malignant cardiac tumors attached on the anterior mitral valve] Tashiro N, et al. **J Cardiogr** 1984 Jun;14(1):209-19 (Eng. Abstr.) **(Jpn)**

[Various aspects of the classification, clinical course and diagnosis of monocytoid and histiocytoid hemoblastoses] Tomilov AF, et al. **Ter Arkh** 1985;57(2):106-11 (Eng. Abstr.) **(Rus)**

[Malignant histiocytosis] Zakhariia EA, et al. **Vrach Delo** 1985 May;(5):77-9 **(Rus)**

[Marked discrepancy between computed tomography and ultrasonic findings in malignant histiocytosis] Ambré T, et al. **Lakartidningen** 1984 Oct 17;81(42):3829, 3832 **(Swe)**

DRUG THERAPY

Malignant histiocytosis resistant to anthracycline. Response to intensive treatment with etoposide and amsacrine. Abrams RA, et al. **Arch Intern Med** 1985 Apr;145(4):742-3

Malignant histiocytosis: case report and review. Kingsley EC. **Ariz Med** 1985 Jan;42(1):20, 23-5

Multicentric reticulohistiocytosis and cancer: a case report and review of the literature. Nunnink JC, et al. **Med Pediatr Oncol** 1985;13(5):273-9

Treatment of four patients with erythrophagocytic lymphohistiocytosis by a combination of epipodophyllotoxin, steroids, intrathecal methotrexate, and cranial irradiation. Fischer A, et al. **Pediatrics** 1985 Aug;76(2):263-8

[Combined cytostatic therapy of malignant histiocytosis] Molnár Z, et al. **Orv Hetil** 1984 Dec 16;125(51):3111-2, 3115-6 (Eng. Abstr.) **(Hun)**

[Therapeutic results of 36 malignant lymphomas and 8 histiocytic medullary reticulosis in childhood] Shimizu Y, et al. **Rinsho Ketsueki** 1984 Nov;25(11):1738-45 (Eng. Abstr.) **(Jpn)**

[Multiple reticulohistiocytoma successfully treated with prospidin and prednisolone] Kalamkarian AA, et al. **Vestn Dermatol Venerol** 1985 May;(5):24-7 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Association of T cell acute lymphoblastic leukemia and histiocytic medullary reticulosis. Rosner F, et al. **Am J Med** 1984 Nov;77(5):910-4

Bacteria-associated hemophagocytic syndrome. Risdall RJ, et al. **Cancer** 1984 Dec 15;54(12):2968-72

A case of acute myelomonocytic leukemia terminating in malignant histiocytosis. Shimazaki C, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep;47(6):1337-43

A mesothelioma presenting with multicentric reticulohistiocytosis. Honeybourne D, et al. **Postgrad Med J** 1985 Jan;61(711):57-9

FAMILIAL & GENETIC

Familial erythrophagocytic lymphohistiocytosis. A neuropathologic study. Martin JJ, et al. **Acta Neuropathol (Berl)** 1985;66(2):140-4

Chromosome abnormalities in malignant histiocytosis. Kaneko Y, et al. **Cancer** 1985 Jul 1;56(1):144-51

Familial hemophagocytic lymphohistiocytosis in Israel. II. Pathologic findings. Soffer D, et al. **Cancer** 1984 Dec 1;54(11):2423-31

Familial hemophagocytic lymphohistiocytosis (FHLH) in Israel. I. Description of 11 patients of Iranian-Iraqi origin and review of the literature. Stark B, et al. **Cancer** 1984 Nov 15;54(10):2109-21

Genetic analysis of familial erythrophagocytic lymphohistiocytosis. Gencik A, et al. **Eur J Pediatr** 1984 Sep;142(4):248-52

Familial haemophagocytic lymphohistiocytosis in two brothers: possible relationship between impaired immune function and clinical picture of graft-versus-host disease. Rascio N, et al. **Eur J Pediatr** 1984 Sep;142(4):306-7

Familial hemophagocytic lymphohistiocytosis: report of four cases in two families and review of the literature. Gilbert EF, et al. **Pediatr Pathol** 1985;3(1):59-92

The familial histiocytoses. Spritz RA. **Pediatr Pathol** 1985;3(1):43-57 (108 ref.)

Familial erythrophagocytic lymphohistiocytosis. van Acker KJ, et al. **Tijdschr Kindergeneeskd** 1984 Oct;52(5):192-6

[Severe combined immune deficiency with hypereosinophilia. Immunologic study of 5 cases] Le Deist F, et al. **Arch Fr Pediatr** 1985 Jan;42(1):11-6 (Eng. Abstr.) **(Fre)**

[Fragile site on chromosome 2 (q11) in a case of familial lymphohistiocytosis] Gilgenkrantz S, et al. **J Genet Hum** 1984 Jul;32(3):209-19 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

Phenotypic characterization of skin-infiltrating cells in pagetoid reticulosis by monoclonal antibodies. Gonzalez M, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):421-4

Immunologic abnormalities and their significance in sinus histiocytosis with massive lymphadenopathy. Foucar E, et al. **Am J Clin Pathol** 1984 Nov;82(5):515-25

MICROBIOLOGY

Epstein-Barr virus-associated hemophagocytic syndrome: virological and immunopathological studies. Sullivan JL, et al. **Blood** 1985 May;65(5):1097-104

MORTALITY

Sinus histiocytosis with massive lymphadenopathy. An analysis of 14 deaths occurring in a patient registry. Foucar E, et al. **Cancer** 1984 Nov 1;54(9):1834-40

PATHOLOGY

Chronic granulomatous disease of childhood and sea-blue histiocytosis. A pathologic study of an autopsy case. Tanaka T, et al. **Acta Pathol Jpn** 1984 Nov;34(6):1385-401

Large granular lymphocyte leukemia in F344 rats. Model for human T gamma lymphoma, malignant histiocytosis, and T-cell chronic lymphocytic leukemia. Stromberg PC. **Am J Pathol** 1985 Jun;119(3):517-9

Immature sinus histiocytosis. Light- and electron-microscopic features, immunologic phenotype, and relationship with marginal zone lymphocytes. van den Oord JJ, et al. **Am J Pathol** 1985 Feb;118(2):266-77

Association between mediastinal germ cell tumors and hematologic malignancies. Report of two cases and review of the literature. DeMent SH, et al. **Am J Surg Pathol** 1985 Jan;9(1):23-30

Malignant histiocytosis--a clinicopathologic study of 5 cases. Ng HW, et al. **Ann Acad Med Singapore** 1984 Jul;13(3):445-50

Pregnancy and sinus histiocytosis with massive lymphadenopathy [letter] Butler WM, et al. **Ann Intern Med** 1985 Feb;102(2):278

Benign cephalic histiocytosis [letter] Esterly NB, et al. **Arch Dermatol** 1985 Apr;121(4):449

Cytophagic histiocytic panniculitis. Systemic histiocytosis presenting as chronic, nonhealing, ulcerative skin lesions. Willis SM, et al. **Arch Dermatol** 1985 Jul;121(7):910-3

Dendritic cell phenotype in localized malignant histiocytosis of the small intestine. Daum GS, et al. **Arch Pathol Lab Med** 1985 Jul;109(7):647-50

Sinus histiocytosis with massive lymphadenopathy. Report of a case associated with necrosis. Hayes MM, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):151-2

Sinus histiocytosis with massive lymphadenopathy and unusual extranodal manifestations. Mir R, et al. **Arch Pathol Lab Med** 1985 Sep;109(9):867-70

Cytophagic histiocytic panniculitis. A variant of malignant histiocytosis. Barron DR, et al. **Cancer** 1985 Jun 1;55(11):2538-42

Lectin distinction of benign from malignant histiocytes. Ree HJ, et al. **Cancer** 1985 Oct 15;56(8):2046-50

Malignant histiocytosis. Stone MS, et al. **Cutis** 1985 Jul;36(1):42-4

Multicentric reticulohistiocytosis. Guillen C, et al. **Dermatologica** 1984;169(5):311-7

Malignant histiocytosis. Report of twenty-five cases with pulmonary, renal and/or gastro-intestinal involvement. Aozasa K, et al. **Histopathology** 1985 Jan;9(1):39-49

Comparative immunohistochemical investigation of markers for malignant histiocytes. Roholl PJ, et al. **Hum Pathol** 1985 Aug;16(8):763-71

Sinus histiocytosis with massive lymphadenopathy. Sandhyamani S, et al. **Indian J Pathol Microbiol** 1984 Apr;27(2):99-103

Disseminated xanthosiderohistiocytosis, a variant of xanthoma disseminatum, in a patient with a plasma cell dyscrasia. Battaglini J, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 2):750-5

Localized epidermotropic reticulosis [letter] Zackheim HS. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):904-7

Malignant histiocytosis. Plous R. **Mt Sinai J Med (NY)** 1985 Jun;52(6):496-8

Recurrent atypical cutaneous histiocytosis. Rilke F, et al. **Pathol Annu** 1985;20 Pt 2:29-58 (138 ref.)

Adult respiratory distress syndrome due to malignant histiocytosis. Gore TB, et al. **South Med J** 1985 Jul;78(7):858-62

Malignant histiocytosis with marked cellular atypia--an autopsy case with an immunohistochemical study on neoplastic histiocytes. Sato T, et al. **Tokai J Exp Clin Med** 1984 Oct;9(4):285-90

[Skin manifestations of the Rosai-Dorfman syndrome] Avril MF, et al. **Ann Dermatol Venereol** 1984;111(8):661-2 **(Fre)**

[Malignant histiocytosis] Laroche L, et al. **Ann Dermatol Venereol** 1984;111(8):715-6 **(Fre)**

[Flynn's atypical regressive histiocytosis in a child] Marghescu S, et al. **Ann Dermatol Venereol** 1984;111(8):727-8 **(Fre)**

[Multicentric reticulohistiocytosis. Monosymptomatic form] Jacobi H, et al. **Dermatol Monatsschr** 1984;170(8):523-30 (Eng. Abstr.) **(Ger)**

[Skin manifestations in sinus histiocytosis with massive lymphadenopathy (Rosai-Dorfman syndrome)] Biess B, et al. **Z Hautkr** 1985 Jan;60(1-2):219-28 (Eng. Abstr.) **(Ger)**

[An autopsy case of malignant histiocytosis showing a phenotype of S100 +lysozyme] Miyamoto Y, et al. **Gan No Rinsho** 1984 Nov;30(14):1823-6 (Eng. Abstr.) **(Jpn)**

[Case report of sinus histiocytosis with massive lymphadenopathy in a Japanese male with symptoms of dyspnea and visual disturbance] Nagayama Y, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Nov;47(7):1460-6 (Eng. Abstr.) **(Jpn)**

[Case of reticulohistiocytosis in an adolescent] Kuzina LN, et al. **Probl Tuberk** 1985;(4):68-9 **(Rus)**

[Sinus histiocytosis with massive lymphadenopathy (2 cases)] Isakov VF, et al. **Vopr Onkol** 1985;31(5):69-72 **(Rus)**

PHYSIOPATHOLOGY

Is 'localized epidermotropic reticulosis' (Woringer-Kolopp disease) benign? Zackheim HS. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):276-83

RADIOGRAPHY

[Differential diagnosis of mediastinal tumor: malignant histiocytosis] Kiermayer H, et al. **Radiologe** 1985 Feb;25(2):73-5 (Eng. Abstr.) **(Ger)**

THERAPY

Experience in the management of sinus histiocytosis with massive lymphadenopathy. Riyat MS, et al. **East Afr Med J** 1984 Apr;61(4):288-94

ULTRASTRUCTURE

Benign cephalic histiocytosis. A case report and ultrastructural study. Eisenberg EL, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):328-31

VETERINARY

Reticuloendotheliosis in breeder turkeys. Witter RL, et al. **Avian Dis** 1984 Jul-Sep;28(3):742-50

Systemic histiocytosis of Bernese mountain dogs. Moore PF. **Vet Pathol** 1984 Nov;21(6):554-63

RETICULOENDOTHELIOSIS, LEUKEMIC see **LEUKEMIA, HAIRY CELL**

RETICULOLYMPHOSARCOMA see **LYMPHOMA**

RETICULUM

Indwelling rumino-reticulum bolus radio beacon. Kath GS, et al. **Am J Vet Res** 1985 Jan;46(1):136-7

DRUG EFFECTS

Central and local actions of opioids upon reticulo-ruminal motility in sheep. Maas CL, et al. **Vet Res Commun** 1985 Apr;9(2):89-113

PHYSIOLOGY

The phenomenon of reversal of reticulum action potentials recorded from the body surface of sheep. Wegrzyn T, et al. **Acta Physiol Pol** 1984 May-Jun;35(3):189-92

Relationship of milk intake by sucking and by drinking to reticular-groove reactions and ingestion behavior in calves. Wise GH, et al. **J Dairy Sci** 1984 Sep;67(9):1983-92

RETICULUM CELL-LIKE SARCOMA, YOSHIDA see **SARCOMA, YOSHIDA**

RETICULUM CELL SARCOMA see **SARCOMA, RETICULUM CELL**

RETINA

see related
ANGIOID STREAKS
ELECTRORETINOGRAPHY

Cavernous hemangioma of the retina, cutaneous angiomas, and intracranial vascular lesion by computed tomography and nuclear magnetic resonance imaging. Schwartz AC, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):483-7

Mediation of vascular endothelial proliferation by factors in fetal bovine retinal extracts and serum. Chen CH, et al. **Exp Eye Res** 1984 Oct;39(4):469-78

Learning and interocular transfer of visual discriminations by goldfish with retinotectal compression. Dunn-Meynell AA, et al. **Exp Neurol** 1985 Jun;88(3):696-713

Solitary astrocytic hamartoma simulating retinoblastoma. Drewe RH, et al. **Ophthalmologica** 1985;190(3):158-67

Retinal burns occurring at cataract extraction. Boldrey EE, et al. **Ophthalmology** 1984 Nov;91(11):1297-302

Combined hamartomas of the retina and retinal pigment epithelium. Schachat AP, et al. **Ophthalmology** 1984 Dec;91(12):1609-15

Fluorescein angiography of choroidal malignant melanomas with retinal invasion. Augsburger JJ, et al. **Retina** 1984 Fall-Winter;4(4):232-41

Retinal angiomatous mass. A complication of retinal detachment surgery. Gottlieb F, et al. **Retina** 1984 Summer-Fall;4(3):152-7

[Study of kinetic vitreous fluorophotometry with computer simulation. II. Estimation of the permeability of the blood-retinal barrier in normal subjects] Ogura Y. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):311-6 (Eng. Abstr.) **(Jpn)**

ABNORMALITIES

Congenital migratory ichthyosiform dermatosis with neurologic and ophthalmologic abnormalities. Zunich J, et al. **Arch Dermatol** 1985 Sep;121(9):1149-56

Chorioretinal coloboma and Joubert syndrome [letter] **J Pediatr** 1985 Jul;107(1):158-9

Aicardi syndrome in one dizygotic twin. Constad WH, et al. **Pediatrics** 1985 Sep;76(3):450-3

Malformation of the retina due to abnormality in cell-cell recognition. Moscona AA, et al. **Prog Clin Biol Res** 1985;163C:395-8

[Chorioretinal malformations in an unknown oculo-cerebral syndrome] Strempel I. **Bull Mem Soc Fr Ophtalmol** 1985;96:264-7 **(Fre)**

[Retinal dysplasia in a case of incontinentia pigmenti] Hachet E, et al. **Bull Soc Ophtalmol Fr** 1984 Mar;84(3):285-6 (Eng. Abstr.) **(Fre)**

[Unusual ocular anomaly in 9 p trisomy: retinal depigmentation] Bursztyn J, et al. **Ophthalmologica** 1985;191(1):8-11 (Eng. Abstr.) **(Fre)**

[Retinal dysplasia in dogs--a review] Dietz HH. **Nord Vet Med** 1985 Jan-Feb;37(1):1-9 (Eng. Abstr.) **(Nor)**

ANALYSIS

Cholecystokinin in the retina of vertebrates. Osborne NN. **Ann NY Acad Sci** 1985;448:157-66

Isolation and characterization of monkey interphotoreceptor retinoid-binding protein, a unique extracellular matrix component of the retina. Redmond TM, et al. **Biochemistry** 1985 Jan 29;24(3):787-93

Bovine retina contains three growth factor activities with different affinity to heparin: eye derived growth factor I, II, III. Courty J, et al. **Biochimie** 1985 Feb;67(2):265-9

Light-dependent regulation of dopamine receptors in mammalian retina. Dubocovich ML, et al. **Brain Res** 1985 Jun 3;335(2):321-5

Benzodiazepine receptors in the visual structures of monocularly deprived rats. Effect of light and dark adaptation. Rothe T, et al. **Brain Res** 1985 Mar 11;329(1-2):143-50

Immunoreactive somatostatin in the rat retina: light microscopic immunocytochemistry and chromatographic characterization. Sagar SM, et al. **Brain Res** 1985 Jun 17;336(2):235-42

Membrane proteins and glycoproteins specific to central nervous system axons and growth cones. Schlosshauer B. **Brain Res** 1985 Apr;351(2):237-44

Opiate binding sites in the chick, rabbit and goldfish retina. Slaughter MM, et al. **Brain Res** 1985 Jul 22;339(1):39-47

Retinal neuropeptides in the skates, Raja clavata, R. radiata, R. oscellata (Elasmobranchii). Bruun A, et al. **Cell Tissue Res** 1985;241(1):17-24

The molecular weight of bovine retinal S-antigen. Broekhuyse RM, et al. **Exp Eye Res** 1985 May;40(5):763-6

Purification and characterization of two vascular endothelium effectors from fetal bovine retina, vitreous and serum. Chen SC, et al. **Exp Eye Res** 1985 Jul;41(1):77-85

Spatial distribution of visual pigment and dopamine in the bullfrog retina. Makino-Tasaka M, et al. **Exp Eye Res** 1985 Jun;40(6):767-78

Neuropeptide Y immunoreactive neurons in the guinea-pig uvea and retina. Bruun A, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1113-23

Immunocytochemical localization of interphotoreceptor retinoid-binding protein in developing normal and RCS rat retinas. Eisenfeld AJ, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):775-8

Bovine retinal angiogenesis factor is a small molecule (molecular mass less than 600). Elstow SF, et al. **Invest Ophthalmol Vis Sci** 1985 Jan;26(1):74-9

Synthesis and secretion of interstitial retinol-binding protein by the human retina. Hollyfield JG, et al. **Invest Ophthalmol Vis Sci** 1985 Jan;26(1):58-67

Species variations in distribution of S100 in retina. Demonstration with a monoclonal antibody and a polyclonal antiserum. Molnar ML, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):283-8

Cholecystokinin in the cat retina. Action of exogenous CCK8 and localization of cholecystokinin-like immunoreactivity. Thier P, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):266-72

Isolation of an adhesion-mediating protein from chick neural retina adherons. Schubert D, et al. **J Cell Biol** 1985 Sep;101(3):1071-7

Analysis of melatonin, 5-methoxytryptophol and 5-methoxyindoleacetic acid in the pineal gland and retina of hamster by capillary column gas chromatography-mass spectrometry. Beck O, et al. **J Chromatogr** 1984 Nov 9;311(1):1-8

The pretectal complex of the monkey: a reinvestigation of the morphology and retinal terminations. Hutchins B, et al. **J Comp Neurol** 1985 Feb 22;232(4):425-42

Capillary endothelial cell migration: loss of stress fibres in response to retina-derived growth factor. Herman IM, et al. **J Muscle Res Cell Motil** 1984 Dec;5(6):697-709

Distribution of glucose-1,6-bisphosphate and IMP-activated glucose bisphosphatase in brain and retina. Yip V, et al. **J Neurochem** 1985 Jun;44(6):1741-6

Glial fibrillary acidic protein (GFAP)-like immunoreactivity in the rodent eye. Comparison between peripheral glia of the anterior uvea and central glia of the retina. Björklund H, et al. **J Neuroimmunol** 1985 Jun;8(4-6):331-45

Localization, chromatographic characterization, and development of somatostatin-like immunoreactivity in the guinea pig retina. Spira AW, et al. **J Neurosci** 1984 Dec;4(12):3069-79

Muscarinic cholinergic receptors in rabbit retina. Neal MJ, et al. **J Pharm Pharmacol** 1985 Jan;37(1):60-1

Antisera against a guanine nucleotide binding protein from retina cross-react with the beta subunit of the adenylyl cyclase-associated guanine nucleotide binding proteins, Ns and Ni. Gierschik P, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):727-31

A new microspectrophotometric method for measuring absorbance of rat photoreceptors. Penn JS, et al. **Vision Res** 1984;24(11):1673-6

[Identification and classification of proteins in the subretinal fluid. I. Use of specific antisera for differentiating between individual proteins in the subretinal fluid] Moster MF, et al. **Cesk Oftalmol** 1985 May;41(3):139-48 (Eng. Abstr.) **(Cze)**

[Immunohistochemical study of a glia-selective acidic protein (glial fibrillary acidic protein) in the human retina] Ohira A, et al. **Nippon Ganka Gakkai Zasshi** 1984 May;88(5):850-5 (Eng. Abstr.) **(Jpn)**

[Localization of glial fibrillary acidic (GFA) protein in the human Müller cell] Ohira A, et al. **Nippon Ganka Gakkai Zasshi** 1984 Jul;88(7):1068-74 (Eng. Abstr.) **(Jpn)**

ANATOMY & HISTOLOGY

Histology of the ferret retina. Weidman TA, et al. **Anat Anz** 1984;157(5):329-41

Eye enucleation and regeneration of neural retina in axolotl larvae (Ambystoma mexicanum). Yew DT. **Anat Anz** 1985;158(3):217-29

The focal nature of retinal illumination from the operating microscope. Irvine AR, et al. **Arch Ophthalmol** 1985 Apr;103(4):549-50

Retinal origin of the fasciculus medialis tractus optici in adult goldfish. Fraley SM, et al. **Brain Res** 1985 Jul 1;337(2):392-5

Retinotopic organizations of the expanded ipsilateral projection to the rat's superior colliculus; variations along its rostrocaudal axis. Fukuda Y, et al. **Brain Res** 1984 Nov 12;321(2):390-5

Centrifugal fibers to the rat retina from the medial pretectal area and the periaqueductal grey matter. Itaya SK, et al. **Brain Res** 1985 Feb 11;326(2):362-5

The suprachiasmatic nuclei and retinohypothalamic tract in the western spotted skunk. May R, et al. **Brain Res** 1985 Jul 29;339(2):378-81

Temporal retina is preferentially represented in the early retinotectal projection in the hamster. Wikler KC, et al. **Brain Res** 1985 Jul;353(1):152-5

Topography of retinal axons in the diencephalon of goldfish. Fraley SM, et al. **Cell Tissue Res** 1984;238(3):529-38

Retinal projections to the pulvinar nucleus of the macaque monkey: a re-investigation using autoradiography. Nakagawa S, et al. **Exp Brain Res** 1984;57(1):151-7

Is there a retinopetal system in the rat? Schnyder H, et al. **Exp Brain Res** 1984;56(3):502-8

A comparison of the response of specific sensory and noradrenergic afferents to enucleation-induced deafferentation of the mammalian superior colliculus. Rhoades RW. **J Am Osteopath Assoc** 1984 Sep;84(1 Suppl):111-8

Postnatal development of the ipsilateral retinocollicular projection and the effects of unilateral enucleation in the golden hamster. Insausti R, et al. **J Comp Neurol** 1985 Apr 15;234(3):393-409

The pretectal nucleus lentiformis mesencephali of Rana pipiens. Montgomery NM, et al. **J Comp Neurol** 1985 Apr 8;234(2):264-75

The organization of retinal projections to the diencephalon and pretectum in the cichlid fish, Haplochromis burtoni. Presson J, et al. **J Comp Neurol** 1985 May 15;235(3):360-74

Topography of the retinal projection to the superficial pretectal parvicellular nucleus of goldfish: a cobaltous-lysine study. Springer AD, et al. **J Comp Neurol** 1985 Jul 8;237(2):239-50

Rules for retinotectal terminal arborizations in the goldfish optic tectum: a whole-mount study. Stuermer CA. **J Comp Neurol** 1984 Oct 20;229(2):214-32

A modified, prefixed, Golgi-rapid technique for the cephalopod retina. Patterson JA. **J Neurosci Methods** 1985 Jan;12(3):219-25

A comparative study of the tapetum, retina and skull of the ferret, dog and cat. Wen GY, et al. **Lab Anim Sci** 1985 Jun;35(3):200-10

A retino-mesotelencephalic pathway in the rat. Giolli RA, et al. **Neurosci Lett** 1985 Jan 7;53(1):1-7

Retinal innervation of the inferior colliculus in adult cats: electron microscopic observations. Paloff AM, et al. **Neurosci Lett** 1985 Mar 15;54(2-3):339-44

Correlation between the visual callosal connections and the retinotopic organization in striate-peristriate border region in the hamster: an anatomical and physiological study. Jen LS, et al. **Neuroscience** 1984 Dec;13(4):1003-10

Birth dates of retinal ganglion cells giving rise to the crossed and uncrossed optic projections in the mouse. Dräger UC. **Proc R Soc Lond [Biol]** 1985 Mar 22;224(1234):57-77

[New findings on the organization of retinal projections in the Scyliorhinus canicula shark. Radioautographic study] Repérant J, et al. **C R Acad Sci [III]** 1984;299(18):739-44 (Eng. Abstr.) **(Fre)**

[The lateral geniculate body of the guinea pig (Cavia aperea f. domestica). Its organization with reference to retinal afferents] Schober W, et al. **J Hirnforsch** 1985;26(1):73-84 (Eng. Abstr.) **(Ger)**

[The study on the microscopic biometry of the thickness of the human retina, choroid and sclera by ultrasound] Tane S, et al. **Nippon Ganka Gakkai Zasshi** 1984 Nov;88(11):1412-7 (Eng. Abstr.) **(Jpn)**

[Asymmetry in the structural organization of the ganglion layer of the retina in the frog] Kalinina AV, et al. **Neirofiziologiia** 1985;17(2):198-204 (Eng. Abstr.) **(Rus)**

BLOOD SUPPLY

Earliest irreversible changes during ischemia. Ames A 3d. **Am J Emerg Med** 1983 Sep;1(2):139-46

Identification of the insulin receptor of cerebral microvessels. Haskell JF, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E115-25

Retinal manifestations of acquired immunodeficiency syndrome (AIDS). Report of a case. Buckman G, et al. **Ann Ophthalmol** 1984 Dec;16(12):1136-8

Retinitis pigmentosa and retinal neovascularization: a case report. Butner RW. **Ann Ophthalmol** 1984 Sep;16(9):861, 863-5

Centripetal subretinal flow. Havener WH. **Ann Ophthalmol** 1985 May;17(5):270, 272-3

Argon vs krypton laser lesions: is the wavelength more important than the power. Morse PH. **Ann Ophthalmol** 1985 Jan;17(1):86-91

Photocoagulation for peripheral neovascularisation in diabetes. Inglesby DV, et al. **Br J Ophthalmol** 1985 Mar;69(3):157-61

The effect of the retinal circulation on vitreal oxygen tension. Alder VA, et al. **Curr Eye Res** 1985 Feb;4(2):121-9

Receptors and growth-promoting effects of insulin and insulinlike growth factors on cells from bovine retinal capillaries and aorta. King GL, et al. **J Clin Invest** 1985 Mar;75(3):1028-36

Argon laser treatment of retinal neovascularization associated with sarcoidosis. Hirose S, et al. **Jpn J Ophthalmol** 1984;28(4):356-61

Retinal circulation after STA-MCA bypass [letter] Spetzler RF. **Neurosurgery** 1985 Apr;16(4):583

Increased solubility of newly synthesized collagen in retinal capillary pericyte cultures by nonenzymatic glycosylation. Li WY, et al. **Ophthalmic Res** 1984;16(6):315-21

Narrowing of the retinal arterioles in descending optic atrophy. A quantitative clinical study. Frisén L, et al. **Ophthalmology** 1984 Nov;91(11):1342-6

Bright-light amaurosis fugax: an unusual symptom of retinal hypoperfusion corrected by external carotid revascularization. Brigham RA, et al. **Surgery** 1985 Mar; 97(3):363-8

[Indications, technic and results of photocoagulation of subretinal neovascularizations (in senile macular degeneration)] Soubrane G, et al. **Annee Ther Clin Ophtalmol** 1983;34:297-311 (Eng. Abstr.) **(Fre)**

[Idiopathic familial juxtafoveolar retinal telangiectasias] Putteman A, et al. **Bull Soc Belge Ophtalmol** 1984;209:81-90 (Eng. Abstr.) **(Fre)**

[Ticlopidine and amaurosis fugax: results of treatment in a case with very frequent and typical attacks] Cazzato G, et al. **Riv Neurol** 1985 Mar-Apr;55(2):109-15 (Eng. Abstr.) **(Ita)**

[Studies on experimental subretinal neovascularization. 1. Development of experimental subretinal neovascularization] Itagaki T, et al. **Nippon Ganka Gakkai Zasshi** 1985 Apr;89(4):600-10 (Eng. Abstr.) **(Jpn)**

CYTOLOGY

Retinal pigment epithelial cells in epiretinal membranes: an immunohistochemical study. Hiscott PS, et al. **Br J Ophthalmol** 1984 Oct;68(10):708-15

A marker of early amacrine cell development in rat retina. Barnstable CJ, et al. **Brain Res** 1985 Jun;352(2):286-90

Abnormal Y/X ratio in the area centralis of the Siamese cat. Hamasaki DI, et al. **Brain Res** 1985 Jul 15;338(2):201-8

The relation between axon diameter and axonal conduction velocity of Y, X and W cells in the cat retina. Hsiao CF, et al. **Brain Res** 1984 Sep 10;309(2):357-61

Dopamine-containing amacrine cells of rhesus monkey retina parallel rods in spatial distribution. Mariani AP, et al. **Brain Res** 1984 Nov 19;322(1):1-7

Light evoked release of acetylcholine in response to a single flash: cholinergic amacrine cells receive ON and OFF input. Massey SC, et al. **Brain Res** 1985 Mar 4;328(2):374-7

Cell division in the developing cat retina occurs in two zones. Robinson SR, et al. **Brain Res** 1985 Mar;351(1):101-9

Establishment of Muller cell cultures from adult rat retina. Sarthy PV. **Brain Res** 1985 Jun 24;337(1):138-41

Selective innervation of the goldfish suprachiasmatic nucleus by ventral retinal ganglion cell axons. Springer AD, et al. **Brain Res** 1984 Dec 10;323(2):293-6

beta-like ganglion cells in the retina of the North American opossum. Wilson PD, et al. **Brain Res** 1985 Apr 1; 331(1):155-9

Pharmacological modification of the light-induced responses of Müller (glial) cells in the amphibian retina. Witkovsky P, et al. **Brain Res** 1985 Feb 25;328(1):111-20

Two types of pyriform Ab amacrine cells in the goldfish retina: an EM analysis of [3H]GABA uptake and somatostatin-like immunoreactivity. Yazulla S, et al. **Brain Res** 1984 Nov 12;321(2):352-6

Vesicle interactions as a model for the retinal cell-cell recognition mediated by R-cognin. Troccoli NM, et al. **Cell Differ** 1985 Feb;16(1):43-9

Retinal projections in the caecilian Ichthyophis kohtaoensis (Amphibia, Gymnophiona). Himstedt W, et al. **Cell Tissue Res** 1985;239(3):689-92

Neuropeptide Y (NPY)-like immunoreactive amacrine cells in retinas of frog and goldfish. Osborne NN, et al. **Cell Tissue Res** 1985;241(3):651-6

Morphological and pharmacological analysis of putative serotonergic bipolar and amacrine cells in the retina of a turtle, Pseudemys scripta elegans. Weiler R, et al. **Cell Tissue Res** 1985;241(2):373-82

Culture of adult rabbit retinal glial cells: methods and cellular origin of explant outgrowth. Burke JM, et al. **Curr Eye Res** 1984 Oct;3(10):1169-78

Estimation of nonproliferating cells in the neural retina of embryonic chicks by flow cytometry. Morris VB, et al. **Cytometry** 1985 Jul;6(4):375-80

Cell populations of the ganglion cell layer: displaced amacrine and matching amacrine cells in the pigeon retina. Hayes BP. **Exp Brain Res** 1984;56(3):565-73

Adult human retinal cells in culture. Identification of cell types and expression of differentiated properties. Oka MS, et al. **Exp Cell Res** 1985 Jul;159(1):127-40

Effect of cyclic AMP on cellular contractility and DNA synthesis in chorioretinal fibroblasts maintained in collagen matrices. van Bockxmeer FM, et al. **Exp Cell Res** 1984 Dec;155(2):413-21

Onset of fibre differentiation in cultured rat lens epithelium under the influence of neural retina-conditioned medium. Campbell MT, et al. **Exp Eye Res** 1984 Jul;39(1):83-94

Density profile of blue-sensitive cones along the horizontal meridian of macaque retina. de Monasterio FM, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):289-302

The outer horizontal cell of the frog retina: morphology, receptor input, and function. Ogden TE, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):643-56

The internal horizontal cell of the frog. Analysis of receptor input. Ogden TE, et al. **Invest Ophthalmol Vis Sci** 1984 Dec;25(12):1382-94

Displaced ganglion cells in the rabbit retina. Robson JA, et al. **Invest Ophthalmol Vis Sci** 1984 Dec;25(12):1376-81

Pericyte form and distribution in rat retinal and uveal capillaries. Tilton RG, et al. **Invest Ophthalmol Vis Sci** 1985 Jan;26(1):68-73

Phenotypic changes and loss of N-CAM-mediated adhesion in transformed embryonic chicken retinal cells. Brackenbury R, et al. **J Cell Biol** 1984 Dec;99(6):1944-54

Isolation of a cell-surface receptor for chick neural retina adherons. Schubert D, et al. **J Cell Biol** 1985 Jan; 100(1):56-63

Ultrastructure and synaptic contacts of enkephalinergic amacrine cells in the retina of turtle (Pseudemys scripta). Eldred WD, et al. **J Comp Neurol** 1985 Feb 1;232(1):36-42

Depth segregation of retinal ganglion cells projecting to mouse superior colliculus. Hofbauer A, et al. **J Comp Neurol** 1985 Apr 22;234(4):465-74

Retinal ganglion cells in two teleost species, Sebastiscus marmoratus and Navodon modestus. Ito H, et al. **J Comp Neurol** 1984 Oct 10;229(1):80-96

Diameters and terminal patterns of retinofugal axons in their target areas: an HRP study in two teleosts (Sebastiscus and Navodon). Ito H, et al. **J Comp Neurol** 1984 Dec 1; 230(2):179-97

A comparative analysis of glial and neuronal markers in the retina of fish: variable character of horizontal cells. Linser PJ, et al. **J Comp Neurol** 1985 Jul 8;237(2):264-72

Multiaxonal horizontal cells in the retina of the tree shrew, Tupaia glis. Mariani AP. **J Comp Neurol** 1985 Mar 22; 233(4):553-63

A combined Golgi and autoradiographic study of (3H)glycine-accumulating amacrine cells in the cat retina. Pourcho RG, et al. **J Comp Neurol** 1985 Mar 22; 233(4):473-80

Parasol and midget ganglion cells of the human retina. Rodieck RW, et al. **J Comp Neurol** 1985 Mar 1; 233(1):115-32

The morphology of optic tract axons arborizing in the superior colliculus of the hamster. Sachs GM, et al. **J Comp Neurol** 1984 Dec 1;230(2):155-67

Cell death during differentiation of the retina in the mouse. Young RW. **J Comp Neurol** 1984 Nov 1;229(3):362-73

Displaced horizontal cells in the chick retina. Prada FA, et al. **J Morphol** 1984 Nov;182(2):221-5

Signal transmission in the catfish retina. III. Transmission to type-C cell. Sakuranaga M, et al. **J Neurophysiol** 1985 Feb;53(2):411-28

Signal transmission in the catfish retina. II. Transmission to type-N cell. Sakuranaga M, et al. **J Neurophysiol** 1985 Feb; 53(2):390-410

Starburst amacrine cells: morphological constancy and systematic variation in the anisotropic field of rabbit retinal neurons. Famiglietti EV. **J Neurosci** 1985 Feb;5(2):562-77

Membrane physiology of retinal glial (Müller) cells. Newman EA. **J Neurosci** 1985 Aug;5(8):2225-39

The topography of ganglion cell production in the cat's retina. Walsh C, et al. **J Neurosci** 1985 Mar;5(3):741-50

The release of gamma-aminobutyric acid from horizontal cells of the goldfish (Carassius auratus) retina. Ayoub GS, et al. **J Physiol (Lond)** 1984 Oct;355:191-214

Changes in sodium activity during light stimulation in photoreceptors, glia and extracellular space in drone retina. Coles JA, et al. **J Physiol (Lond)** 1985 May;362:415-35

Ionic and electrophysiological properties of retinal Müller (glial) cells of the turtle. Conner JD, et al. **J Physiol (Lond)** 1985 May;362:79-92

Effect of excitatory amino acids on gamma-aminobutyric acid release from frog horizontal cells. Cunningham JR, et al. **J Physiol (Lond)** 1985 May;362:51-67

The structure of the terminal arborizations of physiologically identified retinal ganglion cell Y axons in the kitten. Friedlander MJ, et al. **J Physiol (Lond)** 1985 Feb; 359:293-313

Elemental distribution in Rana pipiens retinal rods: quantitative electron probe analysis. Somlyo AP, et al. **J Physiol (Lond)** 1985 Jan;358:183-95

Induction of proliferation or transformation of neuroretina cells by the mil and myc viral oncogenes. Bechade C, et al. **Nature** 1985 Aug 8-14;316(6028):559-62

Horizontal cell synapses onto glycine-accumulating interplexiform cells. Marc RE, et al. **Nature** 1984 Nov 15-21;312(5991):266-9

Regional specialization of the quail retina: ganglion cell density and oil droplet distribution. Budnik V, et al. **Neurosci Lett** 1984 Sep 28;51(1):145-50

Regular orientation of horizontal cells in the river lamprey retina. Negishi K, et al. **Neurosci Lett** 1984 Sep 7; 50(1-3):145-50

Bifurcating axons of retinal ganglion cells terminate in the hypothalamic suprachiasmatic nucleus and the intergeniculate leaflet of the thalamus. Pickard GE. **Neurosci Lett** 1985 Apr 9;55(2):211-7

A bifurcate axon of horizontal cells in the carp retina. Teranishi T, et al. **Neurosci Lett** 1985 Jan 7;53(1):33-7

Dye coupling between amacrine cells in carp retina. Teranishi T, et al. **Neurosci Lett** 1984 Sep 28;51(1):73-8

Ipsilaterally projecting retinal ganglion cells in the eastern chipmunk (Tamias sibiricus asiaticus). Wakakuwa K, et al. **Neurosci Lett** 1985 Apr 9;55(2):219-24

Binocular interaction in the fetal cat regulates the size of the ganglion cell population. Chalupa LM, et al. **Neuroscience** 1984 Aug;12(4):1039-46

Retinal ganglion cells that project to the dorsal lateral geniculate nucleus in the macaque monkey. Perry VH, et al. **Neuroscience** 1984 Aug;12(4):1101-23

Retinal ganglion cells that project to the superior colliculus and pretectum in the macaque monkey. Perry VH, et al. **Neuroscience** 1984 Aug;12(4):1125-37

Antiserum to lens antigens immunostains Müller glia cells in the neural retina. Moscona AA, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5570-3

Morphology and distribution of tyrosine hydroxylase-like immunoreactive neurons in the cat retina. Oyster CW, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6335-9

Monoclonal antibodies distinguish subtypes of retinal horizontal cells. Young LH, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6255-9

Birth dates of retinal ganglion cells giving rise to the crossed and uncrossed optic projections in the mouse. Dräger UC. **Proc R Soc Lond [Biol]** 1985 Mar 22;224(1234):57-77

The shape and arrangement of the cholinergic neurons in the rabbit retina. Tauchi M, et al. **Proc R Soc Lond [Biol]** 1984 Nov 22;223(1230):101-19

The morphology and topographic distribution of AII amacrine cells in the cat retina. Vaney DI. **Proc R Soc Lond [Biol]** 1985 Jun 22;224(1237):475-88

Responsiveness and receptive field size of carp horizontal cells are reduced by prolonged darkness and dopamine. Mangel SC, et al. **Science** 1985 Sep 13;229(4718):1107-9

Isolation and characterization of flat cells, a subpopulation of the embryonic chick retina. Li HP, et al. **Tissue Cell** 1984;16(6):843-57

Electrophysiological characterization of the spectral sensitivities of horizontal cells in cyprinid fish retina. Djamgoz MB. **Vision Res** 1984;24(11):1677-87

The contribution of on-bipolar cells to the electroretinogram of rabbits and monkeys. A study using 2-amino-4-phosphonobutyrate (APB). Knapp AG, et al. **Vision Res** 1984;24(12):1841-6

Receptive field properties of the photopic luminosity horizontal cell of carp retina. Lipetz LE, et al. **Vision Res** 1984;24(12):1947-50

Preparation of isolated Müller cells of the mammalian (rabbit) retina. Reichenbach A, et al. **Z Mikrosk Anat Forsch** 1984; 98(5):789-92

[A new retinal neuron--the interplexiform cell] Yang XL. **Sheng Li Ko Hsueh Chin Chan** 1985 Jan;16(1):79-82 (28 ref.) **(Chi)**

[The laminar structures and axon terminals of retinal fibers of the dorsal lateral geniculate nucleus of the dog: a study by a horseradish peroxidase method] Morimoto M, et al. **Fukuoka Igaku Zasshi** 1984 Nov;75(11):633-44 (Eng. Abstr.) **(Jpn)**

[Retinal centrifugal projection in the dog] Terubayashi H, et al. **Nippon Ganka Gakkai Zasshi** 1985 Jan;89(1):196-9 (Eng. Abstr.) **(Jpn)**

[Asymmetry in the structural organization of the ganglion layer of the retina in the frog] Kalinina AV, et al. **Neirofiziologiia** 1985;17(2):198-204 (Eng. Abstr.) **(Rus)**

[Role of calcium-dependent and calcium-independent mechanisms in the adhesion of retinal and pigment epithelium cells in the chick embryo] Dol'nikova AE, et al. **Ontogenez** 1985 Mar-Apr;16(2):149-55 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Comparative toxicity of intravitreal aminoglycoside antibiotics. D'Amico DJ, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):264-75

Effect of sulindac on the permeability of the blood-retinal barrier in early diabetic retinopathy. Cunha-Vaz JG, et al. **Arch Ophthalmol** 1985 Sep;103(9):1307-11

Intravitreal toxicity of hydroxyacyclovir (BW-B759U), a new antiviral agent. Pulido J, et al. **Arch Ophthalmol** 1985 Jun;103(6):840-1

Neurotoxic effects of acrylamide on rat retinogeniculate fibres. Wild HM, et al. **Behav Brain Res** 1984 Sep; 13(3):201-7

Effects of glycine and GABA on the ganglion cels of the retina of the skate Raja erinacea. Cohen JL. **Brain Res** 1985 Apr 15;332(1):169-73

L-Glutamate depolarizes ON-OFF transient type of amacrine cells in the carp retina: an ionophoretic study. Kato S, et al. **Brain Res** 1985 Mar 11;329(1-2):390-4

Effects of intraocular tetrodotoxin on dendritic spines in the developing rat visual cortex: a Golgi analysis. Riccio RV, et al. **Brain Res** 1985 Apr;351(2):173-82

Retinal ganglion cell loss produced by intraocular kainic acid in cats: variation with somal size and eccentricity. Trejo LJ. **Brain Res** 1985 Jun 3;335(2):221-30

Calcium influx accompanies but does not cause excitotoxin-induced neuronal necrosis in retina. Price MT, et al. **Brain Res Bull** 1985 Apr;14(4):369-76

Histological study of ibotenic acid-induced modifications of rat retina and their attenuation by diazepam. Perez-Rico C, et al. **Cell Tissue Res** 1984;238(1):81-5

Effects of alpha-aminoadipic acid on the glutamate-isolated P III of the rabbit electroretinogram. Reichenbach A, et al. **Doc Ophthalmol** 1985 Jun 30;59(4):359-64

N-Acetyltryptamine antagonizes the melatonin-induced inhibition of [3H]dopamine release from retina. Dubocovich ML. **Eur J Pharmacol** 1984 Oct 1; 105(1-2):193-4

Action of organophosphates on the electroretinogram of rainbow trout. Kreft WD, et al. **Exp Biol** 1985;44(1):19-27

Responses of the pigmented rabbit retina to NMPTP, a chemical inducer of parkinsonism. Wong C, et al. **Exp Eye Res** 1985 Apr;40(4):509-19

Daunomycin in the treatment of experimental proliferative vitreoretinopathy: retinal toxicity of intravitreal daunomycin in the rabbit. Santana M, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;221(5):210-3

Effects of leukotrienes on the electroretinographic profile of the isolated rat retina. Doly M, et al. **Int J Tissue React** 1985;7(2):111-6

Quinolinate. A selective neurotoxin in embryonic and posthatching chicken retinas. Gibson BL, et al. **Invest Ophthalmol Vis Sci** 1985 Jan;26(1):50-7

Behavioral recovery in albino rats with glutamate-damaged retinas. Sisk DR, et al. **Invest Ophthalmol Vis Sci** 1984 Oct; 25(10):1124-8

Muscarinic receptor subclasses in the chick embryo retina: influence of corticosterone treatment. Gremo F, et al. **J Neurochem** 1985 Aug;45(2):345-51

Dopamine inhibits calcium-independent gamma-[3H]aminobutyric acid release induced by kainate and high K+ in the fish retina. Kato S, et al. **J Neurochem** 1985 Mar;44(3):893-9

Cat retinal ganglion cell receptive-field alterations after 6-hydroxydopamine induced dopaminergic amacrine cell lesions. Maguire GW, et al. **J Neurophysiol** 1985 Jun; 53(6):1431-43

Effects of dopamine antagonists on receptive fields of brisk cells and directionally selective cells in the rabbit retina. Jensen RJ, et al. **J Neurosci** 1984 Dec;4(12):2972-85

Selective damage to large cells in the cat retinogeniculate pathway by 2,5-hexanedione. Pasternak T, et al. **J Neurosci** 1985 Jun;5(6):1641-52

Pharmacological differences between the D-2 autoreceptor and the D-1 dopamine receptor in rabbit retina. Dubocovich ML, et al. **J Pharmacol Exp Ther** 1985 Jun; 233(3):747-54

Characterization of a retinal melatonin receptor. Dubocovich ML. **J Pharmacol Exp Ther** 1985 Aug;234(2):395-401

Action and localization of gamma-aminobutyric acid in the cat retina. Bolz J, et al. **J Physiol (Lond)** 1985 May; 362:369-93

Action and localization of glycine and taurine in the cat retina. Bolz J, et al. **J Physiol (Lond)** 1985 May;362:395-413

Asymmetrical potassium permeability of the Müller cell. Field potential induced by intraretinal injection of K+-free Ringer's in frog retina. Yanagida T, et al. **Jpn J Ophthalmol** 1984;28(3):215-21

Effects of 'melatonin and 6-methoxy-tetrahydro-beta-carboline in light induced retinal damage: a computerized morphometric method. Leino M, et al. **Life Sci** 1984 Nov 12;35(20):1997-2001

ERG changes after an injection of corticosteroid into the vitreous. Koizumi K, et al. **Metab Ophthalmol** 1984-85; 8(1):13-6

Tetrodotoxin does not block the axonal transmission of S-potentials in goldfish retina. Djamgoz MB, et al. **Neurosci Lett** 1984 Aug 31;49(3):233-8

Mg2+ reduces N-methyl-D-aspartate neurotoxicity in embryonic chick neural retina in vitro. Gibson BL, et al. **Neurosci Lett** 1985 Jun 4;57(1):13-8

Visual deficits following intraocular treatment of chicks with glutamate or kainic acid. Rogers LJ, et al. **Neurosci Lett** 1985 Jun 12;57(2):191-7

Sequential treatment with low doses of kainic acid alters sensitivity of retinal cell types. Sattayasai J, et al. **Neurosci Lett** 1985 Mar 15;54(2-3):277-81

Dopamine regulates synaptic transmission mediated by cholinergic neurons of the rat retina. Yeh HH, et al. **Neuroscience** 1984 Nov;13(3):901-9

Quisqualate and L-glutamate inhibit retinal horizontal-cell responses to kainate. Ishida AT, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1837-41

Dopamine decreases conductance of the electrical junctions between cultured retinal horizontal cells. Lasater EM, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):3025-9

Photopic action of thyrotropin-releasing hormone in the cat retina. Bolz J, et al. **Proc R Soc Lond [Biol]** 1985 Jun 22; 224(1237):463-73

Excitatory effects of L-glutamate and some analogs on isolated horizontal cells from the catfish retina. Christensen BN, et al. **Prog Clin Biol Res** 1985;176:33-45

Lithium in pigmented eye rats: effects of dose and time of day on drinking, body weight, retinal and blood distribution. Werstiuk ES, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):765-8

Hydroxychloroquine treatment and the eye. Mäntyjärvi M. **Scand J Rheumatol** 1985;14(2):171-4

[Pharmacological sensitivity of the photopic c-wave in the electroretinogram of the chicken. I. Effects of sodium azide, adrenaline, and a barbiturate] Wioland N, et al. **C R Acad Sci [III]** 1984;299(18):745-8 (Eng. Abstr.) **(Fre)**

[Animal research on the drug treatment of massive periretinal proliferation following a penetrating eye injury] Behrens-Baumann W. **Fortschr Ophthalmol** 1985; 82(1):115-6 (Eng. Abstr.) **(Ger)**

[The effect of phosphodiesterase inhibitors on retinal function of the eye undergoing arterial perfusion] Schneider T, et al. **Fortschr Ophthalmol** 1985;82(2):197-202 (Eng. Abstr.) **(Ger)**

[Echographic findings following intravitreous silicone injections] Clemens S, et al. **Klin Monatsbl Augenheilkd** 1984 Jul;185(1):17-21 (Eng. Abstr.) **(Ger)**

[A electrophysiological method for evaluation of the retinal toxicity of drug] Chou A, et al. **Nippon Ganka Gakkai Zasshi** 1984 Nov;88(11):1350-6 (Eng. Abstr.) **(Jpn)**

[Effects of sialidase on the lectin binding sites in the monkey retina] Uehara F, et al. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):299-304 (Eng. Abstr.) **(Jpn)**

EMBRYOLOGY

The influence of neuronal-glial interactions on glia-specific gene expression in embryonic retina. Linser PJ, et al. **Adv Exp Med Biol** 1984;181:185-202

Alterations of the retina in chick embryos induced by systemic alpha-bungarotoxin application. Zilles K, et al. **Anat Embryol (Berl)** 1985;171(1):97-104

Isolation of the major chondroitin sulfate/dermatan sulfate and heparan sulfate proteoglycans from embryonic chicken retina. Morris JE. **Arch Biochem Biophys** 1984 Nov 15; 235(1):127-40

Neurotrophic stimulation of fetal rat retinal explant neurite outgrowth and cell survival: age-dependent relationships. Turner JE. **Brain Res** 1985 Feb;350(1-2):251-63

The patterns of expression of two ankyrin isoforms demonstrate distinct steps in the assembly of the membrane skeleton in neuronal morphogenesis. Nelson WJ, et al. **Cell** 1984 Dec;39(2 Pt 1):309-20

Cell disorganization and malformation in neural retina caused by antibodies to R-cognin: ultrastructural study. Ophir I, et al. **Cell Differ** 1984 Nov;15(1):53-60

Cortisol receptors and inducibility of glutamine synthetase in embryonic retina. Saad AD, et al. **Cell Differ** 1985 Jun; 16(4):241-50

Establishment of synaptic connections between explants of embryonic neural tissue in culture: experimental ultrastructural studies. Bird MM. **Exp Brain Res** 1985; 57(2):337-47

Selective stabilization of retinotectal synapses by an activity-dependent mechanism. Schmidt JT. **Fed Proc** 1985 Sep;44(12):2767-72 (33 ref.)

Phenotypic changes and loss of N-CAM-mediated adhesion in transformed embryonic chicken retinal cells. Brackenbury R, et al. **J Cell Biol** 1984 Dec;99(6):1944-54

The formation of the axonal pattern in the embryonic avian retina. Halfter W, et al. **J Comp Neurol** 1985 Feb 22; 232(4):466-80

Development of the human retina: patterns of cell distribution and redistribution in the ganglion cell layer. Provis JM, et al. **J Comp Neurol** 1985 Mar 22;233(4):429-51

Growth cones of developing retinal cells in vivo, on culture surfaces, and in collagen matrices. Harris WA, et al. **J Neurosci Res** 1985;13(1-2):101-22

Development of retinohypothalamic projections in the chick embryo. Shimizu I, et al. **Neurosci Lett** 1984 Sep 7; 50(1-3):43-7

Cilia in the fetal and neonatal canine retina. Whiteley HE, et al. **Tissue Cell** 1985;17(3):335-40

The site of commencement of retinal maturation in the rabbit. Stone J, et al. **Vision Res** 1985;25(3):309-17

ENZYMOLOGY

Enzyme histochemical changes in retinal ganglion cells and the optic nerve after goldfish optic nerve lesion. A regenerative and hypertrophic phenomena study. Marani E, et al. **Acta Morphol Neerl Scand** 1984 Jul;22(2):97-114

Properties of rat retina alcohol dehydrogenase. Parés X, et al. **Alcohol** 1985 Jan-Feb;2(1):43-6

Characteristics of protein tyrosine kinase activities of Y-79 retinoblastoma cells and retina. Gentleman S, et al. **Arch Biochem Biophys** 1985 May 15;239(1):130-6

Interspecies conservation of retinal guanosine 5'-triphosphatase. Characterization by photoaffinity labelling and tryptic-peptide mapping. McMurray MM, et al. **Biochem J** 1985 Jan 1;225(1):227-32

Calpain and calpastatin in porcine retina. Identification and action on microtubule-associated proteins. Yoshimura N, et al. **Biochem J** 1984 Oct 1;223(1):47-51

Topographical organization of the dopamine-dependent adenylate cyclase of the chick embryo retina. de Mello MC, et al. **Brain Res** 1985 Feb 25;328(1):59-63

Immunohistochemical evidence for phenylethanolamine-N-methyltransferase-positive/tyrosin hydroxylase-negative neurones in the retina and the posterior hypothalamus of the rat. Foster GA, et al. **Brain Res** 1985 Mar 18;330(1):183-8

Immunocytochemical localizations of cytosolic and mitochondrial glutamic oxaloacetic transaminase isozymes in rat retina as markers for the glutamate-aspartate neuronal system. Inagaki N, et al. **Brain Res** 1985 Jan 28; 325(1-2):336-9

Ultrastructural demonstration of L-glutamate decarboxylase and cysteinesulfinic acid decarboxylase in rat retina by immunocytochemistry. Lin CT, et al. **Brain Res** 1985 Apr 1;331(1):71-80

Screening for neuropeptide-metabolizing peptidases during the differentiation of chick embryo retina. Martins AR, et al. **Brain Res** 1985 Jul;353(1):147-51

Dopamine-stimulated adenylate cyclase and tyrosine hydroxylase in diabetic rat retina. Northington FK, et al. **Brain Res** 1985 Jun 24;337(1):151-4

Glutamine synthetase in cultured whole retinas from the embryonic chick. Role of protein and RNA syntheses in 4 degrees C storage enhancement. Piperberg JB, et al. **Cell Biophys** 1984 Jun;6(2):131-48

Ultracytochemical study of Ca++-ATPase and K+-NPPase activities in retinal photoreceptors of the guinea pig. Ueno S, et al. **Cell Tissue Res** 1984; 237(3):479-89

Canine retinal superoxide dismutase: identity with the erythrocyte enzyme. Harlan EW, et al. **Curr Eye Res** 1984 Dec;3(12):1455-9

Characterization of glutathione peroxidase in frog retina. Naash MI, et al. **Curr Eye Res** 1984 Nov;3(11):1299-304

Synthesis of arachidonoyl coenzyme A and docosahexaenoyl coenzyme A in retina. Reddy TS, et al. **Curr Eye Res** 1984 Oct;3(10):1225-32

Purification and characterization of glutathione S-transferases in human retina. Singh SV, et al. **Curr Eye Res** 1984 Nov;3(11):1273-80

Glutamic acid decarboxylase activity is stimulated in quail retina neuronal cells transformed by Rous sarcoma virus and is regulated by pp60v-src. Crisanti P, et al. **EMBO J** 1985 Jun;4(6):1467-70

Immunodetection of Na,K-ATPase in guinea-pig retinal layers, cornea and lens. McDonough A. **Exp Eye Res** 1985 May;40(5):667-74

Bovine retinal glutamine synthetase 2. Regulation and properties on the basis of glutamine synthetase and glutamyl transferase reactions. Pahuja SL, et al. **Exp Eye Res** 1985 Jan;40(1):75-83

Bovine retinal glutamine synthetase 1. Purification, characterization and immunological properties. Pahuja SL, et al. **Exp Eye Res** 1985 Jan;40(1):61-74

Urea cycle enzymes in retina, ciliary body-iris, lens and senile cataracts. Rao GN, et al. **Exp Eye Res** 1984 Oct; 39(4):483-95

Identification of low-Ca2+- and high-Ca2+-requiring neutral proteases in rat retina. Tsung PK, et al. **Exp Eye Res** 1985 Jul;41(1):97-103

Localization of hydroxyindole-O-methyltransferase in the mammalian pineal gland and retina. Wiechmann AF, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):253-65

Aspartate aminotransferase-like immunoreactivity in the guinea pig and monkey retinas. Mosinger JL, et al. **J Comp Neurol** 1985 Mar 8;233(2):255-68

Distributions of aspartate aminotransferase and malate dehydrogenase activities in rat retinal layers. Ross CD, et al. **J Histochem Cytochem** 1985 Jul;33(7):624-30

Indoleamine-sensitive adenylate cyclase in rabbit retina: characterization and distribution. Blazynski C, et al. **J Neurochem** 1985 Aug;45(2):440-7

Choline acetyltransferase depletion in the rat retina after intraocular injection of neurotoxins. Gómez-Ramos P, et al. **J Neurochem** 1985 Mar;44(3):993-5

Laminar distributions of choline acetyltransferase and acetylcholinesterase activities in the inner plexiform layer of rat retina. Ross CD, et al. **J Neurochem** 1985 Apr; 44(4):1091-9

Calmodulin stimulates adenylate cyclase activity and increases dopamine activation in bovine retina. Gnegy ME, et al. **J Neurosci** 1984 Nov;4(11):2712-7

The histochemical localization of cytochrome oxidase in the retina and lateral geniculate nucleus of the ferret, cat, and monkey, with particular reference to retinal mosaics and ON/OFF-center visual channels. Kageyama GH, et al. **J Neurosci** 1984 Oct;4(10):2445-59

Inhibition of the chicken retinal UDP-GalNAc:GM3 N-acetylgalactosaminyl-transferase by blood serum and by pineal gland extracts. Quiroga S, et al. **J Neurosci Res** 1984; 12(2-3):269-76

Superoxide dismutase activity in diabetic rat retina. Nishida T, et al. **Jpn J Ophthalmol** 1984;28(4):377-82

Magnetic field of the earth as additional zeitgeber for endogenous rhythms? Cremer-Bartels G, et al. **Naturwissenschaften** 1984 Nov;71(11):567-74

Tyrosine-hydroxylase immunoreactivity in retinas from a canine model for Batten-Stengel disease. Osborne NN, et al. **Naturwissenschaften** 1985 Jan;72(1):44-6

Immunocytochemical localization of NA+, K+-ATPase in primary cultures of rat retina. Pech IV, et al. **Neurochem Res** 1984 Jun;9(6):757-69

Localization of aspartate aminotransferase and cytochrome oxidase in the cat retina. Bolz J, et al. **Neurosci Lett** 1985 Feb 4;53(3):315-20

Localization of tyrosine-hydroxylase immunoreactive cells in rabbit retinal cultures. Osborne NN, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):117-20

Morphological variability, lectin binding and Na+,K+-activated adenosine triphosphatase activity of isolated Müller (glial) cells from the rabbit retina. Reichenbach A, et al. **Neurosci Lett** 1985 Mar 22; 55(1):29-34

Immunocytochemical localization of putative cholinergic neurons in the goldfish retina. Tumosa N, et al. **Neurosci Lett** 1984 Aug 10;48(3):255-9

Immunohistochemical evidence for epinephrine-containing retinal amacrine cells. Hadjiconstantinou M, et al. **Neuroscience** 1984 Oct;13(2):547-51

GROWTH & DEVELOPMENT

Formation of new rod photoreceptor synapses onto differentiated bipolar cells in goldfish retina. Kock JH, et al. **Anat Rec** 1985 Jan;211(1):69–74

Presence of retinogeniculate fibers is essential for initiating the formation of each interlaminar space in the lateral geniculate nucleus. Brunso-Bechtold JK, et al. **Brain Res** 1985 May;352(1):123–6

The organization of the lateral geniculate nucleus and of the geniculocortical pathway that develops without retinal afferents. Guillery RW, et al. **Brain Res** 1985 Jun; 352(2):221–33

Early postnatal development of the monkey visual system. II. Elimination of retinogeniculate synapses. Holstein GR, et al. **Brain Res** 1985 May;352(1):15–31

Early unilateral eye removal produces a regional gradient in soma sizes in the uncrossed projection from the remaining eye. Jeffery G. **Brain Res** 1985 Mar;351(1):155–9

Growth and restriction of the ipsilateral retinocollicular projection in the opossum. Méndez-Otero R, et al. **Brain Res** 1985 Feb;350(1–2):199–210

Extensive recrossing of retinotectal axons after neonatal unilateral superior collicular lesions in hamster. Mooney RD, et al. **Brain Res** 1985 Apr;351(2):297–313

Retinal growth in carp of the same age: density and number of dopamine neurons. Negishi K, et al. **Brain Res** 1985 Feb; 350(1–2):125–31

Growth rate of a peripheral annulus defined by neurotoxic destruction in the goldfish retina. Negishi K, et al. **Brain Res** 1985 Jun;352(2):291–5

Promotion of neurite outgrowth and cell survival in dissociated fetal rat retinal cultures by a fraction derived from a brain extract. Turner JE. **Brain Res** 1985 Feb; 350(1–2):265–74

The postnatal development of retinocollicular projections in normal hamsters and in hamsters following neonatal monocular enucleation: a horseradish peroxidase tracing study. Woo HH, et al. **Brain Res** 1985 May;352(1):1–13

Formation of retinotopic connections: selective stabilization by an activity-dependent mechanism. Schmidt JT. **Cell Mol Neurobiol** 1985 Jun;5(1–2):65–84

Immunohistochemical study of S-100 protein in the postnatal development of Müller cells and astrocytes in the rat retina. Kondo H, et al. **Cell Tissue Res** 1984;238(3):503–8

Developmental disturbances in the hamster retina caused by a mutant of mumps virus. Löve A, et al. **Dev Neurosci** 1985;7(1):65–72

Regional changes in retinal pigment epithelial cell density during ocular development. Robb RM. **Invest Ophthalmol Vis Sci** 1985 May;26(5):614–20

An extracellular retinol-binding glycoprotein in the eyes of mutant rats with retinal dystrophy: development, localization, and biosynthesis. Gonzalez-Fernandez F, et al. **J Cell Biol** 1984 Dec;99(6):2092–8

Developing pigeon retina: light-evoked responses and ultrastructure of outer segments and synapses. Bagnoli P, et al. **J Comp Neurol** 1985 May 15;235(3):384–94

Axonal growth and target selection during development: retinal projections to the ventrobasal complex and other 'nonvisual' structures in neonatal Syrian hamsters. Frost DO. **J Comp Neurol** 1984 Dec 20;230(4):576–92

Prenatal and postnatal development of retinogeniculate and retinocollicular projections in the mouse. Godement P, et al. **J Comp Neurol** 1984 Dec 20;230(4):552–75

Development of the subretinal space in the preterm human eye: ultrastructural and immunocytochemical studies. Johnson AT, et al. **J Comp Neurol** 1985 Mar 22; 233(4):497–505

Non-uniform postnatal growth of the cat retina. Mastronarde DN, et al. **J Comp Neurol** 1984 Oct 1;228(4):598–608

Patterns of cell division during visual streak formation in the frog Limnodynastes dorsalis. Coleman LA, et al. **J Embryol Exp Morphol** 1984 Oct;83:119–35

Development of the ipsilateral retinothalamic projection in the frog Xenopus laevis. III. The role of thyroxine. Hoskins SG, et al. **J Neurosci** 1985 Apr;5(4):930–40

Development of the ipsilateral retinothalamic projection in the frog Xenopus laevis. I. Retinal distribution of ipsilaterally projecting cells in normal and experimentally manipulated frogs. Hoskins SG, et al. **J Neurosci** 1985 Apr; 5(4):911–9

Development of the ipsilateral retinothalamic projection in the frog Xenopus laevis. II. Ingrowth of optic nerve fibers and production of ipsilaterally projecting retinal ganglion cells. Hoskins SG, et al. **J Neurosci** 1985 Apr;5(4):920–9

Horizontal cells of the mouse retina contain glutamic acid decarboxylase-like immunoreactivity during early developmental stages. Schnitzer J, et al. **J Neurosci** 1984 Dec;4(12):2948–55

Position-dependent properties of retinal axons and their growth cones. Bonhoeffer F, et al. **Nature** 1985 May 30-Jun 5;315(6018):409–10

Retinotopic order appears before ocular separation in developing visual pathways. Jeffery G. **Nature** 1985 Feb 14–20;313(6003):575–6

Normal postnatal development of retinogeniculate axons and terminals and identification of inappropriately-located transient synapses: electron microscope studies of horseradish peroxidase-labelled retinal axons in the hamster. Campbell G, et al. **Neuroscience** 1984 Nov; 13(3):743–59

IMMUNOLOGY

Retinal S antigen and retinoblastoma. A monoclonal antibody histopathologic study. Donoso LA, et al. **Arch Ophthalmol** 1985 Jun;103(6):855–7

A monoclonal antibody specific for retinal ganglion cells of mammals. Fry KR, et al. **Brain Res** 1985 Jul 15;338(2):360–5

Immunocytochemical demonstration of retinal S-antigen in the pineal organ of four mammalian species. Korf HW, et al. **Cell Tissue Res** 1985;239(1):81–5

Ultrastructural localization of S-antigen in retinal structures. Broekhuyse RM, et al. **Curr Eye Res** 1985 Jan;4(1):73–7

Photoreceptor cell-specific localization of S-antigen in retina. Broekhuyse RM, et al. **Curr Eye Res** 1985 Jun; 4(6):703–6

S-antigen in the developing retina and pineal gland: a monoclonal antibody study. Donoso LA, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):561–7

Retinal S-antigen and retinoblastoma: a monoclonal antibody and flow cytometric study. Donoso LA, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):568–71

Is Thy-1 expressed only by ganglion cells and their axons in the retina and optic nerve? Perry VH, et al. **J Neurocytol** 1984 Oct;13(5):809–24

Retinal S antigen identified as the 48K protein regulating light-dependent phosphodiesterase in rods. Pfister C, et al. **Science** 1985 May 17;228(4701):891–3

[Bird-shot chorioretinopathy after retinal detachment: probable autoimmune origin] Laroche L, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1245–7 **(Fre)**

[Anti-retinal autoimmunity in idiopathic retinal detachment] Remy C, et al. **Bull Soc Ophtalmol Fr** 1983 Nov; 83(11):1299–300 **(Fre)**

INJURIES

Light-induced maculopathy. Ross WH. **Am J Ophthalmol** 1984 Oct 15;98(4):488–93

Solar retinopathy. A biophysical analysis. Sadun AC, et al. **Arch Ophthalmol** 1984 Oct;102(10):1510–2

An electron microscopic histochemistry of the retinal response after injury. Liu HC, et al. **Cell Mol Biol** 1984; 30(5):479–84

Theoretical investigations of laser thermal retinal injury. Birngruber R, et al. **Health Phys** 1985 Jun;48(6):781–96

Safety with lasers [letter] Wolfe JA. **Health Phys** 1985 Jul; 49(1):113

Measurement and prediction of thermal injury in the retina of the rhesus monkey. Welch AJ, et al. **IEEE Trans Biomed Eng** 1984 Oct;31(10):633–43

Operating microscope light-induced retinal injury: mechanisms, clinical manifestations, and preventive measures. Colvard DM. **J Am Intraocul Implant Soc** 1984 Fall;10(4):438–43

Laser retinal injury. Wolfe JA. **Milit Med** 1985 Apr; 150(4):177–85

Retinal burns from experimental laser iridotomy. Bongard B, et al. **Ophthalmic Surg** 1985 Jan;16(1):42–4

Retinal burns occurring at cataract extraction [letter] Aymond DK. **Ophthalmology** 1985 May;92(5):715–6

'Let there be light'. A study of phototoxicity. Goldberg RE, et al. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter; 37(2):160–8

[Traumatic retinal detachment] Călugăru M, et al. **Rev Chir [Oftalmol]** 1985 Jan–Mar;29(1):63–73 (Eng. Abstr.) **(Rum)**

[Photic injury to the retina in eye surgery] Fugulyan G, et al. **Rev Chir [Oftalmol]** 1984 Oct–Dec;28(4):291–4 (Eng. Abstr.) **(Rum)**

[Role of vitrectomy in the treatment of traumatic retinal detachment associated with hemophthalmos] Fedorov SN, et al. **Oftalmol Zh** 1985;(1):4–7 (Eng. Abstr.) **(Rus)**

[Prevention of post-traumatic traction retinal detachment by the vitreo-adhesiectomy method] Kovalev AI. **Oftalmol Zh** 1985;(1):9–11 (Eng. Abstr.) **(Rus)**

INNERVATION

Diffuse and localized nerve fiber loss in glaucoma. Airaksinen PJ, et al. **Am J Ophthalmol** 1984 Nov;98(5):566–71

The oculomotor behaviour of human albinos. Collewijn H, et al. **Brain** 1985 Mar;108 (Pt 1):1–28

Alterations in the retinal dopaminergic neuronal system in rats with streptozotocin-induced diabetes. Nishimura C, et al. **J Neurochem** 1985 Aug;45(2):448–55

The influence of retinal afferents upon the development of layers in the dorsal lateral geniculate nucleus of mustelids. Guillery RW, et al. **J Neurosci** 1985 May;5(5):1370–9

METABOLISM

Target cells of vitamin D in the vertebrate retina. Schreiner DS, et al. **Acta Anat (Basel)** 1985;121(3):153–62

Choline transport through the blood-retinal and the blood-brain barrier in vivo. Karlsson C, et al. **Acta Ophthalmol (Copenh)** 1984 Oct;62(5):763–6

The release of (3H)-GABA from the rabbit retina. Agardh E, et al. **Acta Physiol Scand** 1984 Sep;122(1):85–92

Digoxin in the subretinal spaces of humans with rhegmatogenous retinal detachments. Frambach DA, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):490–1

Docosahexaenoic acid (22:6, n-3) is metabolized to lipoxygenase reaction products in the retina. Bazan NG, et al. **Biochem Biophys Res Commun** 1984 Dec 14; 125(2):741–7

De novo biosynthesis of docosahexaenoyl-phosphatidic acid in bovine retinal microsomes. Bazan HE, et al. **Biochim Biophys Acta** 1984 Oct 24;796(1):11–9

Differentiation of monoamine accumulating neuron systems in cultured chick retina: an immunohistochemical and fluorescence histochemical study. Araki M, et al. **Brain Res** 1984 Aug;317(2):229–37

Immunohistochemical localization of chick retinal 24 kdalton protein (visinin) in various vertebrate retinae. Hatakenaka S, et al. **Brain Res** 1985 Apr 8;331(2):209–15

Immunoreactive avian pancreatic polypeptide in the chicken retina: overall distribution. Katayama Y, et al. **Brain Res** 1984 Sep 17;310(1):164–7

Occurrence of calcitonin gene-related peptide in the chicken amacrine cells. Kiyama H, et al. **Brain Res** 1985 Feb 18; 327(1–2):367–9

Heterogeneity of muscarinic cholinergic receptors in the developing chick embryo retina. Marchisio AM, et al. **Brain Res** 1985 Jan 28;325(1–2):381–4

Further evidence in support of the selective uptake and anterograde transport of [125I]wheat germ agglutinin by chick retinal ganglion cells. Margolis TP, et al. **Brain Res** 1984 Dec 17;324(1):21–7

Muscarinic cholinergic receptors in the retina of the larval tiger salamander. Polans AS, et al. **Brain Res** 1985 Aug 12;340(2):355–62

Acute responses of rat retina after optic nerve ligation: a biochemical and histochemical study. Tsang D, et al. **Brain Res** 1985 Jun 17;336(2):289–95

Evoked efflux of [3H]GABA from goldfish retina in the dark. Yazulla S. **Brain Res** 1985 Jan 28;325(1–2):171–80

Immunohistochemical localization of S-100 protein in the retina, ciliary body and iris of human fetuses. Iwanaga T, et al. **Cell Tissue Res** 1985;239(3):505–10

Immunocytochemical detection of 28 000-MW calcium-binding protein in horizontal cells of the rat retina. Rabié A, et al. **Cell Tissue Res** 1985;240(2):493–6

Immunoreactive parathyroid hormone is present in subretinal fluids of the human eye. Bialasiewicz AA, et al. **Curr Eye Res** 1985 May;4(5):619–25

Immunocytochemistry of mouse and human retina with antisera to insulin and S-100 protein. Das A, et al. **Curr Eye Res** 1984 Dec;3(12):1397–403

alpha-Tocopherol in the developing rat retina: a high pressure liquid chromatographic analysis. Hunt DF, et al. **Curr Eye Res** 1984 Nov;3(11):1281–8

Arachidonic acid metabolism by retinas of rats with streptozotocin-induced diabetes. Naveh-Floman N, et al. **Curr Eye Res** 1984 Sep;3(9):1135–9

Cellular uptake and subcellular distribution of mercury in chick embryonic retinal cell aggregates. Yoneyama M, et al. **Ecotoxicol Environ Safety** 1985 Aug;10(1):112–9

Opposite effects of 2-aminoethanesulfonic acid (taurine) and aminomethanesulfonic acid on calcium ion uptake in rat retinal preparations. Lombardini JB. **Eur J Pharmacol** 1985 Apr 16;110(3):385–7

Adenine nucleotide and P-creatine levels in layers of frog retina as a function of dark and light adaptation. Barbehenn EK, et al. **Exp Eye Res** 1985 May;40(5):675–86

The dissociation of evoked release of [3H]-GABA and of endogenous GABA from chick retina in vitro. Campochiaro P, et al. **Exp Eye Res** 1984 Sep;39(3):299–305

Cyclic GMP in the retinas of normal mice and those heterozygous for early-onset photoreceptor dystrophy. Doshi M, et al. **Exp Eye Res** 1985 Jul;41(1):61–5

Glycoprotein synthesis in the human retina: localization of the lipid intermediate pathway. Fliesler SJ, et al. **Exp Eye Res** 1984 Aug;39(2):153–73

D-[3H]-galactose incorporation in the bovine retina: specific uptake and transport of the radiolabel in cones. Keegan WA, et al. **Exp Eye Res** 1985 Apr;40(4):619–28

Autoradiographic studies of [3H]-glycine, [3H]-GABA, and [3H]-muscimol uptake in the mudpuppy retina. Pourch RG, et al. **Exp Eye Res** 1984 Jul;39(1):69–81

Complete amino acid sequence of gamma-subunit of the GTP-binding protein from cattle retina. Ovchinnikov YuA, et al. **FEBS Lett** 1985 Jan 1;179(1):107–10

Studies on hereditary retinal degeneration. The rd gene in the mouse. Cagianut B, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(1):16–22

Fibronectin of the chorioretinal interface in the monkey: immunohistochemical and immunoelectron microscopic studies. Ishibashi T, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(3):158–63

Acetylation of polyamines in chicken brain and retina. Grillo MA, et al. **Int J Biochem** 1984;16(12):1349–52

Retinal oxygen tension and oxygen reactivity in retinopathy of prematurity in kittens. Ernest JT, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1129–34

Fibrinolytic activity of the retinae in streptozotocin-diabetic rats. Ishibashi T, et al. **Invest Ophthalmol Vis Sci** 1985 Jan; 26(1):125–7

Measurement of retinal permeability to sodium fluorescein in vitro. Tsuboi S, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1146–50

Properties of an interphotoreceptor retinoid-binding protein from bovine retina. Saari JC, et al. **J Biol Chem** 1985 Jan 10;260(1):195–201

Dopamine stimulated increase of GTP levels in the rat retina. Schaeffer JM, et al. **J Biol Chem** 1985 Apr 25;260(8):4555–7

Expression and assembly of the erythroid membrane-skeletal proteins ankyrin (goblin) and spectrin in the morphogenesis of chicken neurons. Lazarides E, et al. **J Cell Biochem** 1985; 27(4):423–41 (79 ref.)

Cell–substratum adhesion in chick neural retina depends upon protein–heparan sulfate interactions. Cole GJ, et al. **J Cell Biol** 1985 Apr;100(4):1192–9

Endocytosis and degradation of interstitial retinol–binding protein: differential capabilities of cells that border the interphotoreceptor matrix. Hollyfield JG, et al. **J Cell Biol** 1985 May;100(5):1676–81

Analysis of pre– and postsynaptic factors of the serotonin system in rabbit retina. Mitchell CK, et al. **J Cell Biol** 1985 Jan;100(1):64–73

Uptake of 3H–glycine in the outer plexiform layer of the retina of the toad, Bufo marinus. Kleinschmidt J, et al. **J Comp Neurol** 1984 Dec 10;230(3):352–60

(3H) glycine–accumulating neurons of the human retina. Marc RE, et al. **J Comp Neurol** 1985 Feb 8;232(2):241–60

Catecholamine– and indoleamine–containing neurons in the turtle retina. Witkovsky P, et al. **J Comp Neurol** 1984 Sep 10;228(2):217–25

Partial characterization of lectin binding sites of retinal photoreceptor outer segments and interphotoreceptor matrix. Wood JG, et al. **J Comp Neurol** 1984 Sep 10; 228(2):299–307

Synaptic organization of substance P–like immunoreactive amacrine cells in goldfish retina. Yazulla S, et al. **J Comp Neurol** 1985 Jan 8;231(2):232–8

Reaccumulation of [K+]o in the toad retina during maintained illumination. Shimazaki H, et al. **J Gen Physiol** 1984 Sep;84(3):475–504

Effect of light on the metabolism of lipids in the rat retina. Anderson RE, et al. **J Neurochem** 1985 Mar;44(3):773–8

Axonal transport of glycoconjugates in the rat visual system. Gammon CM, et al. **J Neurochem** 1985 Feb;44(2):376–87

Study of the mechanism of release of [3H]GABA from a teleost retina in vitro. Jaffé EH, et al. **J Neurochem** 1984 Nov;43(5):1226–35

Effects of taurine on calcium ion uptake and protein phosphorylation in rat retinal membrane preparations. Lombardini JB. **J Neurochem** 1985 Jul;45(1):268–75

Metabolism of [3H]nipecotic acid in the rabbit retina. Madtes P Jr, et al. **J Neurochem** 1985 May;44(5):1520–3

Chloride ions preferentially mask high–affinity GABA binding sites. Madtes P Jr. **J Neurochem** 1984 Nov; 43(5):1434–7

Uptake and anterograde axonal transport of Aleuria lectin in retinal ganglion cells of the rabbit. Ohlson C, et al. **J Neurochem** 1985 Jun;44(6):1785–90

Expression of A1 adenosine receptors modulating dopamine–dependent cyclic AMP accumulation in the chick embryo retina. Paes de Carvalho R, et al. **J Neurochem** 1985 Mar;44(3):845–51

Localization of the Na–K pump in turtle retina. Stirling CE, et al. **J Neurocytol** 1985 Feb;14(1):33–47

Inhibitors of metalloendoprotease activity prevent K+–stimulated neurotransmitter release from the retina of Xenopus laevis. Frederick JM, et al. **J Neurosci** 1984 Dec; 4(12):3112–9

alpha–Bungarotoxin receptors on neurons isolated from turtle retina: molecular heterogeneity of bipolar cells. James WM, et al. **J Neurosci** 1985 Feb;5(2):352–61

Characterization of an extended glutamate receptor of the on bipolar neuron in the vertebrate retina. Slaughter MM, et al. **J Neurosci** 1985 Jan;5(1):224–33

Opioid pathways in an avian retina. I. The content, biosynthesis, and release of Met5–enkephalin. Su YY, et al. **J Neurosci** 1985 Apr;5(4):851–6

Opioid pathways in an avian retina. II. Synaptic organization of enkephalin–immunoreactive amacrine cells. Watt CB, et al. **J Neurosci** 1985 Apr;5(4):857–65

A technique for flat embedding and en face sectioning of the mammalian retina for autoradiography. Polley EH, et al. **J Neurosci Methods** 1984 Nov;12(1):57–64

Biosynthesis of gangliosides in the developing chick embryo retina. Cortassa S, et al. **J Neurosci Res** 1984;12(2–3):257–67

Binding sites of peanut agglutinin in mammalian retina. Kawano K, et al. **Jpn J Ophthalmol** 1984;28(3):205–14

Effects of neuraminidase on lectin binding sites in photoreceptor cells of monkey retina. Uehara F, et al. **Jpn J Ophthalmol** 1985;29(1):54–62

Alteration of lipid peroxide and endogenous antioxidant contents in retina of streptozotocin–induced diabetic rats: effect of vitamin A administration. Nishimura C, et al. **Jpn J Pharmacol** 1985 Apr;37(4):365–72

Co–localization of neurotensin–like immunoreactivity and 3H–glycine uptake system in sustained amacrine cells of turtle retina. Weiler R, et al. **Nature** 1984 Oct 25–31; 311(5988):759–61

Opposing interactions of ionophores (valinomycin and monensin) on calcium ion uptake in rat retinal preparations. Lombardini JB. **Neurochem Res** 1985 Jan;10(1):77–88

Ovulatory function and retinal catecholamine concentrations in female rats with and without inherited retinal photoreceptor degeneration. Watts AG. **Neuroendocrinology** 1985 Jun;40(6):511–7

Effect of aminooxyacetic acid on gamma–aminobutyric acid release from frog retina. Bedwani JR, et al. **Neuropharmacology** 1985 Jun;24(6):495–7

Immunohistochemical demonstration of glial fibrillary acidic protein in normal rat Müller glia and retinal astrocytes. Björklund H, et al. **Neurosci Lett** 1985 Mar 15; 54(2–3):363–8

Regional specialization of the quail retina: ganglion cell density and oil droplet distribution. Budnik V, et al. **Neurosci Lett** 1984 Sep 28;51(1):145–50

Discrete distribution of cholinergic and vasoactive intestinal polypeptidergic amacrine cells in the rat retina. Kondo H, et al. **Neurosci Lett** 1985 Mar 15;54(2–3):213–8

Occurrence of serotonin–accumulating neurones in cultures of retina from the human foetus. Osborne NN, et al. **Neurosci Lett** 1985 Apr 9;55(2):229–32

Mesencephalic pathway to the retina exhibits enkephalin–like immunoreactivity. Weiler R. **Neurosci Lett** 1985 Mar 22; 55(1):11–6

Putative dopamine–containing cells in the retina of seven species demonstrated by tyrosine hydroxylase immunocytochemistry. Ballesta J, et al. **Neuroscience** 1984 Aug;12(4):1147–56

Light–induced potassium fluxes in the skate retina. Kline RP, et al. **Neuroscience** 1985 Jan;14(1):225–35

The concentration of enkephalin–like material in the chick retina is light dependent. Millar TJ, et al. **Neuroscience** 1984 Sep;13(1):221–6

Does 5HT play a neurotransmitter role in mammalian retina? Studies on uptake and potassium–stimulated release of 14C–5HT and 14C–GABA from bovine and rabbit retina slices. Nowak JZ, et al. **Pol J Pharmacol Pharm** 1985 Jan–Feb;37(1):57–68

Axonal transport of a heat shock protein in the rabbit visual system. Clark BD, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1281–5

Acetylcholine–synthesizing amacrine cells: identification and selective staining by using radioautography and fluorescent markers. Masland RH, et al. **Proc R Soc Lond [Biol]** 1984 Nov 22;223(1230):79–100

Messenger RNA from bovine retina induces kainate and glycine receptors in Xenopus oocytes. Parker I, et al. **Proc R Soc Lond [Biol]** 1985 Jul 22;225(1238):99–106

Transneuronal transport of protein in the visual system pathways. Fabian RH, et al. **Prog Clin Biol Res** 1985; 176:61–72

Dietary deprivation of linolenic acid in rhesus monkeys: effects on plasma and tissue fatty acid composition and on visual function. Connor WE, et al. **Trans Assoc Am Physicians** 1984;97:1–9

Visual pigment biochemistry. Proceedings of the second joint meeting between the British Photobiology Society and the Association for Research in Vision and Ophthalmology. Bristol, England, 13–16 September 1983. **Vision Res** 1984; 24(11):1435–712

The specific inhibition of 11–cis–retinyl palmitate formation in the frog eye by diaminophenoxypentane, an inhibitor of rhodopsin regeneration. Bernstein PS, et al. **Vision Res** 1985;25(6):741–8

Suitability of retinol, retinal and retinyl palmitate for the regeneration of bleached rhodopsin in the isolated frog retina. Nöll GN. **Vision Res** 1984;24(11):1615–22

[Identification and classification of proteins in subretinal fluid. II. Significance of the electrophoretic analysis of proteins in the subretinal fluid in estimating the duration of retinal detachment and the prognosis for its healing] Moster MF, et al. **Cesk Oftalmol** 1985 May;41(3):149–60 (Eng. Abstr.) **(Cze)**

[Impairment of retinal protein synthesis and axonal transport along the optic pathway of albino rabbits by intraocular administration of methylmercury] Chihara E, et al. **Nippon Ganka Gakkai Zasshi** 1984 Sep;88(9):1224–8 (Eng. Abstr.) **(Jpn)**

[Protein indices of the subretinal fluid level in retinal detachment studied to determine the etiology and to establish the diagnostic parameters] Olteanu M, et al. **Rev Chir [Oftalmol]** 1985 Jan–Mar;29(1):19–25 (Eng. Abstr.) **(Rum)**

[Differences in the cholinergic effects of eserine and pilocarpine on the uvea and retina of the bovine eye] Kováčik L, et al. **Bratisl Lek Listy** 1985 Jul;84(1):45–9 (Eng. Abstr.) **(Slo)**

PATHOLOGY

Fluorescein angiography in homozygote and carrier state of progressive retinal atrophy of the poodle; comparative aspects with human retinitis pigmentosa. Koskinen L, et al. **Acta Ophthalmol (Copenh)** 1985 Jun;63(3):297–304

A Fukuyama type of congenital muscular dystrophy associated with atypical gyrate atrophy of the choroid and retina. A case report. Mishima H, et al. **Acta Ophthalmol (Copenh)** 1985 Apr;63(2):155–9

Dynamics of eye fundus changes in two types of experimental brain oedema. Birndtová E, et al. **Acta Physiol Hung** 1984; 64(1):41–8

Acute retinal necrosis in an immunosuppressed patient [letter] Friberg TR, et al. **Am J Ophthalmol** 1984 Oct 15; 98(4):515–7

A new polyvinyl alcohol hydrogel as a scleral buckling material. Kim SY, et al. **Am J Ophthalmol** 1985 Aug 15; 100(2):328–30

Chorioretinal damage in onchocerciasis [letter] Murphy RP, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):519–21

Subretinal proliferation. Sternberg P Jr, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):456–62

Avulsed retinal veins without retinal breaks [letter] Theodossiadis GP. **Am J Ophthalmol** 1985 Jun 15; 99(6):739–40

Static retinoscopy results with and without a fogging lens over the non–tested eye. Bigsby W, et al. **Am J Optom Physiol Opt** 1984 Dec;61(12):769–70

The cherry–red spot in Tay–Sachs and other storage diseases. Kivlin JD, et al. **Ann Neurol** 1985 Apr;17(4):356–60

Visual field and retinal nerve fiber layer comparisons in glaucoma. Airaksinen PJ, et al. **Arch Ophthalmol** 1985 Feb; 103(2):205–7

Neuroretinal rim area and retinal nerve fiber layer in glaucoma. Airaksinen PJ, et al. **Arch Ophthalmol** 1985 Feb; 103(2):203–4

Rhegmatogenous retinal detachment in Labrador retrievers. II. Proliferative vitreoretinopathy. Blair NP, et al. **Arch Ophthalmol** 1985 Jun;103(6):848–54

The histopathology of familial exudative vitreoretinopathy. A report of two cases. Boldrey EE, et al. **Arch Ophthalmol** 1985 Feb;103(2):238–41

Vitrectomy and intravitreal antiviral drug therapy in acute retinal necrosis syndrome. Report of two cases. Peyman GA, et al. **Arch Ophthalmol** 1984 Nov;102(11):1618–21

Optic nerve involvement in the acute retinal necrosis syndrome. Sergott RC, et al. **Arch Ophthalmol** 1985 Aug; 103(8):1160–2

Neuroretinal rim area [letter] Sommer A. **Arch Ophthalmol** 1984 Nov;102(11):1583–4

Evaluation of nerve fiber layer assessment. Sommer A, et al. **Arch Ophthalmol** 1984 Dec;102(12):1766–71

Hyperprolinaemia and gyrate atrophy of the choroid and retina in members of the same family. Douglas EP. **Br J Ophthalmol** 1985 Aug;69(8):588–92

Clinical trials of vitamin B6 and proline supplementation for gyrate atrophy of the choroid and retina. Hayasaka S, et al. **Br J Ophthalmol** 1985 Apr;69(4):283–90

Progressive retinal atrophy in the Abyssinian cat: studies of the DC–recorded electroretinogram and the standing potential of the eye. Narfström KL, et al. **Br J Ophthalmol** 1985 Aug;69(8):618–23

A quantitative comparison of the reactions of retinal ganglion cells to optic nerve crush in neonatal and adult mice. Allcutt D, et al. **Brain Res** 1984 Nov;318(2):219–[illegible]

Critical period for the marked loss of retinal X–cells following visual cortex damage in cats. Callahan EC, et al. **Brain Res** 1984 Dec 10;323(2):302–6

Identification of synapses formed by the aberrant, uncrossed retinogeniculate projection in the hamster after neonatal monocular enucleation. Campbell G, et al. **Brain Res** 1985 Jul;353(1):137–40

Funduscopic and functional correlates of demyelinating optic neuropathy. Frisén L. **Bull Soc Belge Ophtalmol** 1983; 208(Pt 2):55–40

Hereditary retinal degeneration in the Rhode Island Red chicken. I. Histology and ERG. Ulshafer RJ, et al. **Exp Eye Res** 1984 Aug;39(2):125–35

Constricting retroretinal membranes associated with traumatic retinal detachments. Daicker B. **Graefes Arch Clin Exp Ophthalmol** 1985;222(3):147–53

Massive peripheral retinal sclerosis. Correlation between light and scanning electron microscopic findings. Daicker B. **Int Ophthalmol** 1985 Mar;7(3–4):243–8

Acrylamide effects on the macaque visual system. II. Retinogeniculate morphology. Eskin TA, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):317–29

Retinal effects of the frequency–doubled (532 nm) YAG laser: histopathological comparison with argon laser. Mosier MA, et al. **Lasers Surg Med** 1985;5(4):377–404

Postoperative subretinal neovascular membrane at the drain site of a scleral buckle. Holland PM. **Ophthalmic Surg** 1985 Mar;16(3):174–7

Retinal nerve fiber layer photography in glaucoma. Airaksinen PJ, et al. **Ophthalmology** 1985 Jul;92(7):877–9

Neuronal ceroid lipofuscinosis. A retinal trypsin digest study. De Venecia G, et al. **Ophthalmology** 1984 Nov; 91(11):1406–10

Gyrate atrophy of the choroid and retina. Early findings. Kaiser–Kupfer MI, et al. **Ophthalmology** 1985 Mar; 92(3):394–401

The acute retinal necrosis syndrome. Possible herpes simplex retinitis. Ludwig IH, et al. **Ophthalmology** 1984 Dec; 91(12):1659–64

Histopathology of the subretinal fibrosis and uveitis syndrome. Palestine AG, et al. **Ophthalmology** 1985 Jun; 92(6):838–44

Effects of the CW YAG laser on the human iris and retina. Peyman GA, et al. **Ophthalmology** 1984 Sep;91(9):1034–9

Bilateral acute retinal necrosis (BARN). Identification of the presumed infectious agent. Rungger–Brändle E, et al. **Ophthalmology** 1984 Dec;91(12):1648–58

Differential diagnosis of diffuse choroidal atrophies. Diffuse choriocapillaris atrophy, choroideremia, and gyrate atrophy of the choroid and retina. Hayasaka S, et al. **Retina** 1985 Winter–Spring;5(1):30–7

The retinal lesions of the acquired immune deficiency syndrome. Friedman AH. **Trans Am Ophthalmol Soc** 1984; 82:447–91 (141 ref.)

Fundus examination of the horse. Bistner S. **Vet Clin North Am [Large Anim Pract]** 1984 Nov; 6(3):541–51 (44 ref.)

Retinal atrophy in albino rats associated with Pituranthos triradiatus (umbelliferae)–induced photosensitization. Nyska A, et al. **Vet Pathol** 1984 Sep;21(5):551–2

Generalized progressive retinal atrophy in two Akita dogs. O Toole D, et al. **Vet Pathol** 1984 Sep;21(5):457–62

[Vitelliform disc and pseudo-hypopyon: morphologic characteristics of certain pre-retinal hemorrhages] Cordonnier M. **Bull Soc Belge Ophtalmol** 1984;209:75-80 (Eng. Abstr.) **(Fre)**

[Spontaneous evolution of senile disciform degeneration of the macula] De Laey JJ. **Bull Soc Belge Ophtalmol** 1984; 209:175-87 (Eng. Abstr.) **(Fre)**

[Acute retinal necrosis and ocular toxoplasmosis] Girard P, et al. **Bull Soc Ophtalmol Fr** 1984 Jun-Jul;84(6-7):751-4 (Eng. Abstr.) **(Fre)**

[Use of silicone oil for temporary tamponade in the treatment of retinal detachment with vitreoretinal retraction. 1. Short- and long-term anatomic and functional results in 110 cases] Barthelemy F, et al. **J Fr Ophtalmol** 1984; 7(4):273-7 (Eng. Abstr.) **(Fre)**

[Use of silicone oil for temporary tamponade in the treatment of retinal detachment with vitreoretinal retraction. 2. Aspects, prevention and treatment of complications] Chauvaud D, et al. **J Fr Ophtalmol** 1984;7(4):279-84 (Eng. Abstr.) **(Fre)**

[Pathology of the vitreoretinal interface] Sahel J. **J Fr Ophtalmol** 1985;8(4):353-69 (Eng. Abstr.) **(Fre)**

[Von Hippel-Lindau syndrome] Reich H, et al. **Klin Monatsbl Augenheilkd** 1984 Jun;184(6):513-9 (Eng. Abstr.) **(Ger)**

[Central areolar choroidal dystrophy with retinal crystals] Weber U, et al. **Klin Monatsbl Augenheilkd** 1985 Feb; 186(2):124-7 (Eng. Abstr.) **(Ger)**

[Acute necrosis of the retina associated with retraction of the vitreous body. Complication of an operation for retinal detachment] Bartkowska-Orlowska M. **Klin Oczna** 1984 Dec;86(12):563-5 (Eng. Abstr.) **(Pol)**

[Experimental diabetes mellitus. B. Microscopic studies of the rat retina] Pankowska B, et al. **Klin Oczna** 1984 May; 86(5):191-2 (Eng. Abstr.) **(Pol)**

[Role of the basal complex (Bruch's membrane) in the pathogenesis of experimental toxic tapetoretinal dystrophy of the retina] Zakharchenko VM, et al. **Oftalmol Zh** 1984; (6):369-71 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Optokinetic horizontal head nystagmus in the frog after regeneration of transected retinal fibres. Lázár G, et al. **Acta Biol Hung** 1983;34(4):371-83

Role of the central and peripheral retina upon optokinetic nystagmus. Foveal and peripheral nystagmus. Miyoshi T. **Acta Otolaryngol [Suppl] (Stockh)** 1984;419:53-61

Lipid peroxidation effects on isolated rat retina. Braquet P, et al. **Adv Exp Med Biol** 1984;180:847-52

Retinofugal projections of the big brown bat, Eptesicus fuscus and the neotropical fruit bat, Artibeus jamaicensis. Cotter JR. **Am J Anat** 1985 Feb;172(2):105-24

Prentice Award lecture: a simple retinal mechanism that has complex and profound effects on perception. Cornsweet TN. **Am J Optom Physiol Opt** 1985 Jul;62(7):427-38

Sensitivity to retinal defocus with aspheric soft lenses--predictions and clinical validation. Evans TC, et al. **Am J Optom Physiol Opt** 1984 Dec;61(12):729-36

Shape of the Stiles-Crawford function for traverses of the entrance pupil not passing through the peak of sensitivity. Lakshminarayanan V, et al. **Am J Optom Physiol Opt** 1985 Feb;62(2):127-8

Spreading depression of Leão probed with ion-selective microelectrodes in isolated chick retina. do Carmo RJ, et al. **An Acad Bras Cienc** 1984 Dec;56(4):401-21

Spreading depression potential (SDP) in the frog retina. Tomita T. **An Acad Bras Cienc** 1984 Dec;56(4):505-18

Visual concomitants of retinal spreading depression. Van Harreveld A. **An Acad Bras Cienc** 1984 Dec;56(4):518-24

Pathophysiology of the blood-retinal barrier in experimental diabetes. Vitreous fluorophotometry using carboxyfluorescein and fluorescein. Blair NP, et al. **Arch Ophthalmol** 1984 Dec;102(12):1810-4

Experimental retinal detachment. VIII. Retinochoroidal horseradish peroxidase diffusion across the blood-retinal barrier. Toris CB, et al. **Arch Ophthalmol** 1985 Feb; 103(2):266-9

Evaluation of retinal capillary permeability [letter] Tom WW, et al. **Arch Surg** 1985 Jun;120(6):754

Effect of short-term intraocular pressure increase on cat retinal ganglion cell activity. Grehn F, et al. **Behav Brain Res** 1984 Nov;14(2):109-21

Effect of K+ depolarization on the synthesis of prostaglandins and hydroxyeicosatetra(5,8,11,14)enoic acids (HETE) in the rat retina. Evidence for esterification of 12-HETE in lipids. Birkle DL, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):564-73

Temporal tuning and nonlinearity of intraretinal pathways in turtle: effects of temperature, stimulus intensity, and size. Adolph AR. **Biol Cybern** 1985;52(1):59-69

Receptive field mechanisms of ganglion cells in the cat retina. Fukushima Y, et al. **Biol Cybern** 1985;52(1):37-43

An overall description of retinotopic mapping in the cat's visual cortex areas 17, 18, and 19. Mallot HA. **Biol Cybern** 1985;52(1):45-51

A model for size- and rotation-invariant pattern processing in the visual system. Reitboeck HJ, et al. **Biol Cybern** 1984; 51(2):113-21

Multiplication and refractoriness in the cat's retinal-ganglion-cell discharge at low light levels. Saleh BE, et al. **Biol Cybern** 1985;52(2):101-7

Dynamics of the cone-horizontal cell circuit in the turtle retina. Siminoff R. **Biol Cybern** 1985;52(1):1-14

The glutamate-isolated mass receptor potential of the frog's retina. III. Calcium dependence. Reichenbach A. **Biomed Biochim Acta** 1984;43(7):1017-26

Electroretinographic studies following vitrectomy and intraocular silicone oil injection. Meredith TA, et al. **Br J Ophthalmol** 1985 Apr;69(4):254-60

gamma-Aminobutyric acid-mediated inhibition at cholinergic synapses formed by cultured retinal neurons. Agardh E, et al. **Brain Res** 1985 Mar 25;330(2):323-8

Telencephalic terminals in the major retinal synaptic lamina of the goldfish optic tectum. Airhart MJ, et al. **Brain Res** 1985 Jun 17;336(2):363-7

Retinal and tectal responses to alternating gratings are unaffected by monocular deprivation in pigeons. Bagnoli P, et al. **Brain Res** 1985 Jul 15;338(2):341-5

Removal of optic tectum prolongs the cell body reaction to axotomy in goldfish retinal ganglion cells. Burmeister DW, et al. **Brain Res** 1985 Feb 18;327(1-2):45-51

On the formation of eye dominance stripes and patches in the doubly-innervated optic tectum of the chick. Fawcett JW, et al. **Brain Res** 1985 Jan;349(1-2):147-63

Projections of growth-cone-bearing fibers of retinal ganglion cells within co-cultured tectal explants: early branching depends on age of target tissue. Friedlander DR, et al. **Brain Res** 1985 Feb;350(1-2):231-40

A neural pathway for the shift response in the cat. Hamasaki DI, et al. **Brain Res** 1985 Jun 24;337(1):51-8

Postsynaptic potentials in neurons of the pigeon's optic tectum in response to afferent stimulation from the retina and other visual structures: an intracellular study. Hardy O, et al. **Brain Res** 1984 Oct 8;311(1):65-74

Is taurine a neurotransmitter in rabbit retina? Lin CT, et al. **Brain Res** 1985 Jul 1;337(2):293-8

Target dependent and independent stages in regeneration. Mizrachi Y, et al. **Brain Res** 1984 Nov 19;322(1):115-8

Tyrosine hydroxylase immunohistochemistry fails to demonstrate dopaminergic interplexiform cells in the turtle retina. Nguyen-Legros J, et al. **Brain Res** 1985 Jul 29; 339(2):323-8

Evidence for the involvement of the visual system in mediating magnetic field effects on pineal melatonin synthesis in the rat. Olcese J, et al. **Brain Res** 1985 May 6;333(2):382-4

A second hypothalamic nucleus receiving retinal input in man: the paraventricular nucleus. Schaechter JD, et al. **Brain Res** 1985 Aug 12;340(2):243-50

Lengthy regrowth of cut axons from ganglion cells after peripheral nerve transplantation into the retina of adult rats. So KF, et al. **Brain Res** 1985 Mar 4;328(2):349-54

Invariance of retinal output during visual learning. Wild JM, et al. **Brain Res** 1985 Apr 1;331(1):127-35

Regulation of cyclic nucleotides in retinal photoreceptors. An ultracytochemical approach on the role of cyclases. Athanassious R, et al. **Cell Tissue Res** 1984;237(1):95-101

Evaluation of the central dopaminergic activity in gestational hyperprolactinaemia by means of the electroretinographic technique. De Luca Brunori I, et al. **Clin Exp Obstet Gynecol** 1985;12(1-2):13-5

Light-evoked depolarizations in the retina of Strombus: role of sodium and potassium ions. Chinn KS, et al. **Comp Biochem Physiol [A]** 1985;80(2):233-45

Special tests of visual function. Basic problems and clinical applications. International symposium, Schloss Rauisch-Holzhausen, March 24-27, 1983. **Dev Ophthalmol** 1984;9:1-240

The advantages of an inverted retina. A physiological approach to a teleological question. Wirth A, et al. **Dev Ophthalmol** 1984;9:20-8

The accuracy of fixation in lateral gaze and the problem of retinal slip. Crone RA. **Doc Ophthalmol** 1984 Aug 15; 58(1):65-9

Luminance and contrast responses recorded in man and cat. Schuurmans RP, et al. **Doc Ophthalmol** 1985 Feb; 59(2):187-97

Relation of retinomotor responses and contractile proteins in vertebrate retinas. Drenckhahn D, et al. **Eur J Cell Biol** 1985 May;37:156-68

The interaction of conflicting retinal motion stimuli in oculomotor control. Barnes GR, et al. **Exp Brain Res** 1985; 59(3):548-58

Retinal input to the nucleus of the optic tract of the cat assessed by antidromic activation of ganglion cells. Hoffmann KP, et al. **Exp Brain Res** 1985;59(2):395-403

Pattern ERG in the monkey after section of the optic nerve. Maffei L, et al. **Exp Brain Res** 1985;59(2):423-5

Spatial interactions in the rhesus monkey retina: a behavioural study using the Westheimer paradigm. Oehler R. **Exp Brain Res** 1985;59(2):217-25

Rearrangements in the retino-geniculate projections of rats following ablation of the superior colliculus in infancy. Reese BE, et al. **Exp Brain Res** 1985;59(2):372-81

Topographical distribution of the summation property of Y-ganglion cells in the cat retina. Roenneberg T, et al. **Exp Brain Res** 1985;59(1):1-9

The position sensitivity of retinal X- and Y-cells in cats. Sur M, et al. **Exp Brain Res** 1984;56(3):497-501

Orientation bias of brisk-transient y-cells of the cat retina for drifting and alternating gratings. Thibos LN, et al. **Exp Brain Res** 1985;58(1):1-10

Electrophysiological evidence for tectal efferents to the neurons projecting to the retina in a teleost fish. Uchiyama H, et al. **Exp Brain Res** 1985;57(2):408-10

A simultaneous contrast effect of steady remote surrounds on responses of cells in macaque lateral geniculate nucleus. Valberg A, et al. **Exp Brain Res** 1985;58(3):604-8

Comparison of signal and adaptive sensitivity profiles of the surround mechanism of cat retinal ganglion cells. Cohen HI, et al. **Exp Neurol** 1985 Jan;87(1):46-57

Regenerative capacity of retinal axons in the cat, rabbit, and guinea pig. Eysel UT, et al. **Exp Neurol** 1985 Jun; 88(3):757-66

Periodic and nonperiodic burst responses of frog (Rana pipiens) retinal ganglion cells. Stiles M, et al. **Exp Neurol** 1985 Apr;88(1):176-97

Intraocular 6-hydroxydopamine prevents the persistent estrus induced by continuous light. Shimizu K, et al. **Experientia** 1985 Jan 15;41(1):125-7

Human contrast sensitivity: regional retinal differences. Skrandies W. **Hum Neurobiol** 1985;4(2):97-9

Critical flicker fusion and double flash discrimination in different parts of the visual field. Skrandies W. **Int J Neurosci** 1985 Jan;25(3-4):225-31

Colour-spatial vision. Bertulis A, et al. **Int J Psychophysiol** 1984 Dec;2(3):147-65

Light exposure can reduce selectively or abolish the C-wave of the albino rat electroretinogram. Graves AL, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):388-93

Effects of aniseikonia, anisometropia, accommodation, retinal illuminance, and pupil size on stereopsis. Lovasik JV, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):741-50

Quantitative vitreous fluorophotometry applying a mathematical model of the eye. Lund-Andersen H, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):698-710

Destruction of the indoleamine-accumulating amacrine cells alters the ERG of rabbits. Nakatsuka K, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1109-16

Endothelial cell mitogens derived from retina and hypothalamus: biochemical and biological similarities. D'Amore PA, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1545-9

Selective retinal reinnervation of a surgically created tectal island in goldfish. II. Electron microscopic analysis. Edwards MA, et al. **J Comp Neurol** 1985 Feb 15; 232(3):386-400

Selective retinal reinnervation of a surgically created tectal island in goldfish. I. Light microscopic analysis. Edwards MA, et al. **J Comp Neurol** 1985 Feb 15;232(3):372-85

The effects of partial retinal lesions on activity and size of cells in the dorsal lateral geniculate nucleus. Eysel UT, et al. **J Comp Neurol** 1984 Oct 20;229(2):301-9

The mormyrid mesencephalon. III. Retinal projections in a weakly electric fish, Gnathonemus petersii. Lázár G, et al. **J Comp Neurol** 1984 Nov 20;230(1):1-12

Frog rod outer segments with attached inner segment ellipsoids as an in vitro model for photoreceptors on the retina. Biernbaum MS, et al. **J Gen Physiol** 1985 Jan; 85(1):83-105

Extracellular K+ activity changes related to electroretinogram components. II. Rabbit (E-type) retinas. Dick E, et al. **J Gen Physiol** 1985 Jun;85(6):911-31

Extracellular K+ activity changes related to electroretinogram components. I. Amphibian (I-type) retinas. Dick E, et al. **J Gen Physiol** 1985 Jun;85(6):885-909

Application of transretinal current stimulation for the study of bipolar-amacrine transmission. Toyoda J, et al. **J Gen Physiol** 1984 Dec;84(6):915-25

The nature of the chick's magnesium-sensitive retinal spreading depression. Van Harreveld A. **J Neurobiol** 1984 Sep;15(5):333-43

Dopamine inhibits forskolin- and 3-isobutyl-1-methylxanthine-induced dark-adaptive retinomotor movements in isolated teleost retinas. Dearry A, et al. **J Neurochem** 1985 Jun;44(6):1753-63

Viability of retinal ganglion cells after optic nerve crush in adult rats. Misantone LJ, et al. **J Neurocytol** 1984 Jun; 13(3):449-65

Cat lateral suprasylvian cortex: Y-cell inputs and corticotectal projection. Berson DM. **J Neurophysiol** 1985 Feb;53(2):544-56

Roles of aspartate and glutamate in synaptic transmission in rabbit retina. I. Outer plexiform layer. Bloomfield SA, et al. **J Neurophysiol** 1985 Mar;53(3):699-713

Roles of aspartate and glutamate in synaptic transmission in rabbit retina. II. Inner plexiform layer. Bloomfield SA, et al. **J Neurophysiol** 1985 Mar;53(3):714-25

Cat medial interlaminar nucleus: retinotopy, relation to tapetum and implications for scotopic vision. Lee C, et al. **J Neurophysiol** 1984 Nov;52(5):848-69

Signal transmission in the catfish retina. I. Transmission in the outer retina. Sakuranaga M, et al. **J Neurophysiol** 1985 Feb;53(2):373-89

Apparent movement of optic terminals out of a local postsynaptically blocked region in goldfish optic tectum. Schmidt JT. **J Neurophysiol** 1985 Jan;53(1):237-51

Recovery of the ipsilateral oculotectal projection following nerve crush in the frog: evidence that retinal afferents make synapses at abnormal tectal locations. Adamson J, et al. **J Neurosci** 1984 Oct;4(10):2635-49

Development of the ipsilateral retinothalamic projection in the frog Xenopus laevis. II. Ingrowth of optic nerve fibers and production of ipsilaterally projecting retinal ganglion cells. Hoskins SG, et al. **J Neurosci** 1985 Apr;5(4):920-9

The postnatal reduction of the uncrossed projection from the nasal retina in the cat. Jacobs DS, et al. **J Neurosci**

1984 Oct;4(10):2425-33

Functional postnatal changes in avian brain regions responsive to retinal slip: a 2-deoxy-D-glucose study. McKenna OC, et al. **J Neurosci** 1985 Feb;5(2):330-42

Decrease of gap junction permeability induced by dopamine and cyclic adenosine 3':5'-monophosphate in horizontal cells of turtle retina. Piccolino M, et al. **J Neurosci** 1984 Oct;4(10):2477-88

Characterization of an extended glutamate receptor of the on bipolar neuron in the vertebrate retina. Slaughter MM, et al. **J Neurosci** 1985 Jan;5(1):224-33

The arterially perfused eyecup of the tree squirrel, Sciurus carolinensis: a preparation for intracellular recording from mammalian retinal neurons. Charlton JS, et al. **J Neurosci Methods** 1985 Apr;13(2):153-61

Growth cone-target interactions in the frog retinotectal pathway. Reh TA, et al. **J Neurosci Res** 1985; 13(1-2):89-100

Retinal inhomogeneity. III. Circular-retina theory. Kelly DH. **J Opt Soc Am [A]** 1985 Jun;2(6):810-9

Discrimination of crossed and uncrossed disparities. Lasley DJ. **J Opt Soc Am [A]** 1985 Mar;2(3):399-403

Visual responses to vorticity and the neural analysis of optic flow. Regan D, et al. **J Opt Soc Am [A]** 1985 Feb;2(2):280-3

Spatial-frequency difference thresholds for central and peripheral viewing. Richter ES, et al. **J Opt Soc Am [A]** 1984 Nov;1(11):1136-9

Vision in the presence of known natural retinal image motion. Steinman RM, et al. **J Opt Soc Am [A]** 1985 Feb;2(2):226-33

Analysis of visual modulation sensitivity. II. Peripheral retina and the role of photoreceptor dimensions. Tyler CW. **J Opt Soc Am [A]** 1985 Mar;2(3):393-8

Ellipsometry of the human retina in vivo: preservation of polarization. van Blokland GJ. **J Opt Soc Am [A]** 1985 Jan;2(1):72-5

Image segmentation at contour intersections in human focal vision. Watt RJ. **J Opt Soc Am [A]** 1985 Jul;2(7):1200-4

Electroretinograms evoked by sinusoidal excitation of human cones. Abraham FA, et al. **J Physiol (Lond)** 1985 Jun; 363:135-50

Strychnine blocks transient but not sustained inhibition in mudpuppy retinal ganglion cells. Belgum JH, et al. **J Physiol (Lond)** 1984 Sep;354:273-86

Spatial and temporal frequency selectivity of neurones in visual cortical areas V1 and V2 of the macaque monkey. Foster KH, et al. **J Physiol (Lond)** 1985 Aug;365:331-63

A voltage-clamp analysis of membrane currents in solitary bipolar cells dissociated from Carassius auratus. Kaneko A, et al. **J Physiol (Lond)** 1985 Jan;358:131-52

Effects of L-glutamate on the anomalous rectifier potassium current in horizontal cells of Carassius auratus retina. Kaneko A, et al. **J Physiol (Lond)** 1985 Jan;358:169-82

The luminance origin of the pattern electroretinogram in man. Riemslag FC, et al. **J Physiol (Lond)** 1985 Jun; 363:191-209

The actions of gamma-aminobutyric acid, glycine and their antagonists upon horizontal cells of the Xenopus retina. Stone S, et al. **J Physiol (Lond)** 1984 Aug;353:249-64

Permeability changes induced by L-glutamate in solitary retinal horizontal cells isolated from Carassius auratus. Tachibana M. **J Physiol (Lond)** 1985 Jan;358:153-67

Adaptation of receptive field spatial organization via multiplicative lateral inhibition. Pinter RB. **J Theor Biol** 1984 Oct 5;110(3):435-44

Synaptic mechanisms of directional selectivity in ganglion cells of frog retina as revealed by intracellular recordings. Watanabe S, et al. **Jpn J Physiol** 1984;34(3):497-511

Induction of functional retinal projections to the somatosensory system. Frost DO, et al. **Nature** 1985 Sep 12-18;317(6033):162-4

Novel pathway connecting the outer and inner vertebrate retina. Sakai H, et al. **Nature** 1985 Jun 13-19; 315(6020):570-1

Identification of a distinct synaptic glutamate receptor on horizontal cells in mudpuppy retina. Slaughter MM, et al. **Nature** 1985 Mar 7-13;314(6006):96-7

Interactions between enkephalin and GABA in avian retina. Watt CB, et al. **Nature** 1984 Oct 25-31;311(5988):761-3

Representation of both visual hemifields in the lateral suprasylvian area of one hemisphere. Shelepin YuE, et al. **Neurosci Behav Physiol** 1984 Nov-Dec;14(6):520-3

Off-pathway synaptic transmission in the outer retina of the axolotl is mediated by a kainic acid-preferring receptor. Dvorak D. **Neurosci Lett** 1984 Sep 7;50(1-3):7-11

Recovery of function is not associated with proliferation of retinogeniculate synapses after chronic deafferentation in the dorsal lateral geniculate nucleus of the adult cat. Eysel UT, et al. **Neurosci Lett** 1984 Aug 24;49(1-2):181-6

A direct projection from the nucleus oculomotorius to the retina in rats. Hoogland PV, et al. **Neurosci Lett** 1985 May 23;56(3):323-8

Retinal ganglion cell survival is mediated by cell contact with immature rat astroglia. McCaffery CA, et al. **Neurosci Lett** 1985 Jun 24;57(3):319-24

Stroboscopic illumination and dark rearing block the sharpening of the regenerated retinotectal map in goldfish. Schmidt JT, et al. **Neuroscience** 1985 Feb;14(2):535-46

Field adaptation in the horizontal cells. Rushtonian transformation. Naka K. **Nippon Ika Daigaku Zasshi** 1985 Jun;52(3):281-91

Displacement thresholds for motion detection under conditions of chromatic adaptation. Barbur JL, et al. **Ophthalmic Physiol Opt** 1985;5(1):5-13

Scotopic threshold of the human retina during dynamic physical effort. Abraham FA, et al. **Ophthalmic Res** 1984; 16(6):334-6

Effects of lipid peroxidation on the isolated rat retina. Doly M, et al. **Ophthalmic Res** 1984;16(6):292-6

The effects of illumination level and retinal size on the depth stratification of subjective contour figures. Bradley DR, et al. **Perception** 1984;13(2):155-64

Chromophore of a long-lived photoproduct formed with metarhodopsin III in the isolated frog retina. Azuma M, et al. **Photochem Photobiol** 1984 Oct;40(4):495-9

A simple device to aid impalement of cells using conventional microelectrode drives. Gutierrez O, et al. **Physiol Behav** 1984 Jun;32(6):1033-5

Flicker detection in the albino rat following light-induced retinal damage. Williams RA, et al. **Physiol Behav** 1985 Feb;34(2):259-66

Isolation and characterization of a cDNA clone for the gamma subunit of bovine retinal transducin. Hurley JB, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6948-52

The synaptic distribution of the retinal input in the superficial layers of the guinea-pig superior colliculus. King AJ, et al. **Proc R Soc Lond [Biol]** 1985 Jul 22;225(1238):129-46

The functions of acetylcholine in the rabbit retina. Masland RH, et al. **Proc R Soc Lond [Biol]** 1984 Nov 22; 223(1230):121-39

White-noise analysis as a tool in visual physiology. Naka KI, et al. **Prog Clin Biol Res** 1985;176:307-21

Nontarget columns and parafoveal target identification: some limits on previously observed effects. Chastain G. **Psychol Res** 1984;46(3):237-45

The goldfish as a retinex animal. Ingle DJ. **Science** 1985 Feb 8;227(4687):651-4

Heat generated by the dark-adapted squid retina in response to light pulses. Tasaki I, et al. **Science** 1985 Feb 8; 227(4687):654-5

Retinal neurotransmission. Pycock CJ. **Surv Ophthalmol** 1985 Mar-Apr;29(5):335-65

Interocular transfer and dark adaptation to long-wave test lights. Auerbach E, et al. **Vision Res** 1984;24(9):1043-8

Is amblyopia spatial frequency or retinal locus specific? Bradley A, et al. **Vision Res** 1985;25(1):47-54

Nucleoside triphosphates and hydrolysis-resistant analogues: effects on PIII responses in the isolated skate retina. Clack JW, et al. **Vision Res** 1984;24(12):1859-64

Computer generated horopters. Clement RA. **Vision Res** 1984;24(10):1425-7

Center and surround excitation in the receptive fields of frog retinal ganglion cells. Donner K, et al. **Vision Res** 1984; 24(12):1807-19

Fluorescent tube light evokes flicker responses in visual neurons. Eysel UT, et al. **Vision Res** 1984;24(9):943-8

Diffusion of the retinal layers of the living human eye. Gorrand JM, et al. **Vision Res** 1984;24(9):1097-106

Contrast sensitivity to drifting low spatial frequency gratings in central and peripheral retinal areas. Guzman O, et al. **Vision Res** 1985;25(1):137-40

Ultraviolet photosensitivity in goldfish: an independent u.v. retinal mechanism. Hawryshyn CW, et al. **Vision Res** 1985; 25(1):11-20

Origin of the electroretinogram in the intact macaque eye--II. Current source-density analysis. Heynen H, et al. **Vision Res** 1985;25(5):709-15

Origin of the electroretinogram in the intact macaque eye--I. Principal component analysis. Heynen H, et al. **Vision Res** 1985;25(5):697-707

The efficiency of the central and peripheral retina in driving human optokinetic nystagmus. Howard IP, et al. **Vision Res** 1984;24(9):969-76

Movement adaptation in the peripheral retina. Hunzelmann N, et al. **Vision Res** 1984;24(12):1765-9

Light adaptation in luminosity horizontal cells in the turtle retina. Role of cellular coupling. Itzhaki A, et al. **Vision Res** 1984;24(10):1119-26

Effects of background and spatial pattern on incremental sensitivity of catfish horizontal cells. Kawasaki M, et al. **Vision Res** 1984;24(10):1197-204

Why the cortical magnification factor in rhesus is isotropic. Letelier JC, et al. **Vision Res** 1984;24(9):1091-5

Critical flicker frequency and M-scaling of stimulus size and retinal illuminance. Rovamo J, et al. **Vision Res** 1984; 24(10):1127-31

The connections of the retinal on and off pathways to the lateral geniculate nucleus of the monkey. Schiller PH. **Vision Res** 1984;24(9):923-32

Color-vision mechanisms of the extrafoveal retina. Stabell U, et al. **Vision Res** 1984;24(12):1969-75

Linear color opponency in carp retinal ganglion cells. van Dijk BW, et al. **Vision Res** 1984;24(12):1865-72

Photopic spectral sensitivities of the red and the yellow field of the pigeon retina. Wortel JF, et al. **Vision Res** 1984; 24(9):1107-13

Latency of horizontal cell response in the carp retina. Yamada M, et al. **Vision Res** 1985;25(6):767-74

[Animal models in neuro-ophthalmology] Vital-Durand F. **Bull Mem Soc Fr Ophtalmol** 1985;96:109-13 **(Fre)**

[Retinal visual direction and inversion of the projective sense] Berrondo P. **Bull Soc Ophtalmol Fr** 1984 Aug-Sep; 84(8-9):1019-21 **(Fre)**

[A type of strabismus on the way to disappearing: strabismus with normal retinal correspondence in children from 3 to 7 years of age] Pigassou-Albouy R. **Bull Soc Ophtalmol Fr** 1984 Aug-Sep;84(8-9):1023-4, 1027-8 (Fre)

[Pharmacologic sensitivity of the photopic c wave in the electroretinogram of the chicken. II. Effects of sodium iodate and general anesthesia] Wioland N, et al. **C R Acad Sci [III]** 1984;299(19):799-804 (Eng. Abstr.) (Fre)

[Electrical response latency of the retina in the frog under different experimental conditions] Vasilescu V, et al. **Physiologie** 1984 Jul-Sep;21(3):237-41 (Fre)

[Clinical retinography in veterinary medicine. I. Methodological principles and normal values] Baar U, et al. **Arch Exp Veterinarmed** 1985 Mar;39(2):234-42 (Eng. Abstr.) (Ger)

[Circadian rhythm, the retina and light] Remé C, et al. **Klin Monatsbl Augenheilkd** 1985 Mar;186(3):175-9 (35 ref.) (Eng. Abstr.) (Ger)

[Investigation of the vitreo-retino-ciliary barrier by vitreous fluorophotometry. I. Evaluation of age differences in normal adults] Yoshida A, et al. **Nippon Ganka Gakkai Zasshi** 1985 May;89(5):683-7 (Eng. Abstr.) (Jpn)

[Selected aspects of neural transmission in the retina] Stankiewicz A. **Klin Oczna** 1984 Jun;86(6):275-8 (Eng. Abstr.) (Pol)

[Dark adaptation of the photoreceptors in the isolated frog retina during induced lipid peroxidation] Akopian GKh, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):665-7 (Eng. Abstr.) (Rus)

[Slow P III component of the electroretinogram resulting from the interaction of photoreceptors and cells of Müller in the retina] Dmitriev AV, et al. **Fiziol Zh SSSR** 1985 Apr;71(4):446-52 (Eng. Abstr.) (Rus)

[Photoreceptor organization of the receptive fields of the frog retina and the patterns of visual signal processing] Funtikov BA, et al. **Fiziol Zh SSSR** 1984 Oct; 70(10):1388-93 (Eng. Abstr.) (Rus)

[Oscillating potentials of the retina and superior colliculi and correlations with neuronal activity] Panakhova EN. **Fiziol Zh SSSR** 1985 Jun;71(6):698-705 (Eng. Abstr.) (Rus)

[Local nonuniformities in the syncytium of the horizontal cells of the retina in the turtle] Byzov AL, et al. **Neirofiziologiia** 1985;17(2):239-45 (Eng. Abstr.) (Rus)

[Contribution of cones to activation of the slow PIII-potential of the frog retina] Dmitriev AV, et al. **Neirofiziologiia** 1985;17(1):115-8 (Eng. Abstr.) (Rus)

[Discharges of neurons of the frog tectum during electric stimulation of individual retinal ganglion cells] Kuras AV, et al. **Neirofiziologiia** 1984;16(6):829-35 (Eng. Abstr.) (Rus)

PHYSIOPATHOLOGY

Oscillatory potentials, flash and pattern-reversal electroretinograms in amblyopia. Wanger P, et al. **Acta Ophthalmol (Copenh)** 1984 Aug;62(4):643-50

Retinal involvement in Morquio's syndrome (MPS IV). Dangel ME, et al. **Ann Ophthalmol** 1985 Jun;17(6):349-54

The mechanism of blood-retinal barrier breakdown in diabetes [editorial] Frank RN. **Arch Ophthalmol** 1985 Sep; 103(9):1303-4

Peripheral retinal function in age-related macular degeneration. Sunness JS, et al. **Arch Ophthalmol** 1985 Jun; 103(6):811-6

Retinal function of the diabetic retina after argon laser photocoagulation assessed electroretinographically. Perlman I, et al. **Br J Ophthalmol** 1985 Apr;69(4):240-6

Retinotectal synapses formed by ipsilaterally projecting fibers in the doubly innervated goldfish tectum. Airhart MJ, et al. **Brain Res** 1985 Jan 28;325(1-2):307-12

A qualitative comparison of the reactions of retinal ganglion cell axons to optic nerve crush in neonatal and adult mice. Allcutt D, et al. **Brain Res** 1984 Nov;318(2):231-40

Slow retinal potentials in diseases of the retinal pigment epithelium. Röver J, et al. **Dev Ophthalmol** 1984;9:195-203

Physiological basis and clinical application of pattern electroretinogram. Teping C, et al. **Dev Ophthalmol** 1984; 9:74-80

Central and peripheral contrast sensitivity in amblyopia with varying field size. Katz LM, et al. **Doc Ophthalmol** 1984 Dec 15;58(4):351-73

Is the retina sensitive to the effects of prolonged blur? Crewther DP, et al. **Exp Brain Res** 1985;58(3):427-34

Long term survival of cat retinal ganglion cells after intracranial optic nerve transection. Holländer H, et al. **Exp Brain Res** 1985;59(3):633-5

Retinal projections and functional architecture of cortical areas 17 and 18 in the tyrosinase-negative albino cat. Leventhal AG, et al. **J Neurosci** 1985 Mar;5(3):795-807

Retinal sensitivity and spatial summation in amblyopia. Mimura O, et al. **Jpn J Ophthalmol** 1984;28(4):389-400

Molecular basis of viral neurotropism: experimental reovirus infection. Tyler KL, et al. **Neurology** 1985 Jan;35(1):88-92

Development and degeneration of retina in rds mutant mice: the electroretinogram. Reuter JH, et al. **Neurosci Lett** 1984 Jul 27;48(2):231-7

Retinal acuity evaluation with the potential acuity meter in glaucoma patients. Asbell PA, et al. **Ophthalmology** 1985 Jun;92(6):764-7

Retinal and optic nerve findings in Goldenhar-Gorlin syndrome. Margolis S, et al. **Ophthalmology** 1984 Nov

91(11):1327-33

Electrophysiological responses after vitrectomy and intraocular tamponade. Frumar KD, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 2):129-32

Assessment of retinal function in severely amblyopic individuals. Hess RF, et al. **Vision Res** 1984;24(10):1367-76

[Attempted correlation between the optomotor reflex under general anesthesia and elongation test in 100 cases of concomitant convergent strabismus] Berard PV, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):589-93 (Eng. Abstr.) **(Fre)**

[Retinal visual acuity and short-wave light absorption in nuclear cataract and intraocular lenses] Kluxen G, et al. **Fortschr Ophthalmol** 1985;82(1):48-52 (Eng. Abstr.) **(Ger)**

[Early operative recuperation phase of the retina following vitreous surgical interventions--an animal experiment model] Tavakolian U, et al. **Fortschr Ophthalmol** 1984; 81(3):301-3 (Eng. Abstr.) **(Ger)**

[Visual acuity after radial keratotomy and its relation to the size of the retinal image] Ivashina AI, et al. **Oftalmol Zh** 1985;(1):21-3 (Eng. Abstr.) **(Rus)**

[Results of laser retinometry in refractive amblyopia due to astigmatism] Pen'kov MA, et al. **Oftalmol Zh** 1984; (5):278-81 (Eng. Abstr.) **(Rus)**

[Results of using a laser retinometer attachment for the slit lamp] Saprykin PI, et al. **Oftalmol Zh** 1984;(5):281-3 (Eng. Abstr.) **(Rus)**

[Chromatic ERG for assessing retinal function in traumatic hemorrhages into the vitreous body] Lautkina LIa, et al. **Vestn Oftalmol** 1984 Sep-Oct;(5):57-60 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Photic responses of the retina at different ages: a comparative study using histochemical and biochemical methods. Yew DT, et al. **Acta Anat (Basel)** 1985;121(3):184-8

A multiple approach to the study of high dose laser lesions on the retina. Liu CH, et al. **Acta Histochem (Jena)** 1984; 75(1):9-25

Flicker electroretinograms and visual evoked potentials in the evaluation of laser flash effects. Schmeisser ET. **Am J Optom Physiol Opt** 1985 Jan;62(1):35-9

Irradiation of the posterior ocular segment with the neodymium-YAG laser in its free-running mode. Fankhauser F, et al. **Arch Ophthalmol** 1985 Sep; 103(9):1406-12

Phosphatidylinositol 4,5-bisphosphate: light-mediated breakdown in the vertebrate retina. Ghalayini A, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):503-6

The dependence of trout's electroretinographic response on temporal gradient of luminance. II. The off-response. Penzlin H, et al. **Biomed Biochim Acta** 1985;44(3):449-54

Blue and ultraviolet light induced damage to the Drosophila retina: ultrastructure. Stark WS, et al. **Curr Eye Res** 1984 Dec;3(12):1441-54

Retinal damage in pigmented and albino rats exposed to low levels of cyclic light following a single mydriatic treatment. Williams RA, et al. **Curr Eye Res** 1985 Feb;4(2):97-102

Electrophysiological findings after radiotherapy of choroidal melanoma. Foerster MH. **Dev Ophthalmol** 1984;9:228-34

Effect of photic manipulation on the level of melatonin in the retinas of frogs (Rana tigrina regulosa). Pang SF, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):464-70

DNA repair synthesis in the rat retina following in vivo exposure to 300-nm radiation. Rapp LM, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):384-8

Solar retinopathy: a review of the literature and case report. Istock TH. **J Am Optom Assoc** 1985 May;56(5):374-82

Effects of the Nd:YAG laser on the primate retina and choroid. Brown GC, et al. **Ophthalmology** 1984 Nov; 91(11):1397-405

Phototoxicity. The eclipse filter. McIntyre DJ. **Ophthalmology** 1985 Mar;92(3):364-5

Recovery of absolute threshold with UVA-induced retinal damage. Henton WW, et al. **Physiol Behav** 1984 Jun; 32(6):949-54

Retinal damage from the illumination of the operating microscope: an experimental study in pseudophakic monkeys. Irvine AR, et al. **Trans Am Ophthalmol Soc** 1984; 82:239-63

A photoproduct with 13-cis retinal generated by irradiation with violet light in the octopus retina. Ohtsu K, et al. **Vision Res** 1985;25(6):775-9

[Fundus examination without radiation burden following implantation of intraocular lenses] Schwind HB. **Klin Monatsbl Augenheilkd** 1985 Apr;186(4):315 (Eng. Abstr.) **(Ger)**

[Heat denaturation of opsin in warm-blooded animals as a possible mechanism of light-induced retinal damage] Berman AL, et al. **Biull Eksp Biol Med** 1984 Oct; 98(10):396-8 (Eng. Abstr.) **(Rus)**

[Extracellular potassium in the frog retina and its light-induced changes] Bykov KA, et al. **Fiziol Zh SSSR** 1984 Oct;70(10):1381-7 (Eng. Abstr.) **(Rus)**

[Light absorption by the retinal photoreceptors of the human eye] Usov NI. **Oftalmol Zh** 1984;(5):308-11 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

A formula correction [letter] Boeder P, et al. **Arch Ophthalmol** 1985 Apr;103(4):477

Measurement of fluorescein angiograms of the optic disc and retina using computerized image analysis. Nagin P, et al. **Ophthalmology** 1985 Apr;92(4):547-52

SURGERY

The pic-forceps for removal of epiretinal membranes [letter] de Juan E Jr, et al. **Am J Ophthalmol** 1984 Oct 15; 98(4):518-9

Anterior retinal cryotherapy in diabetic vitreous hemorrhage. Mosier MA, et al. **Am J Ophthalmol** 1985 Sep 15; 100(3):440-4

Pneumatic syringe used in fibrovascular membrane surgery [letter] Stirpe M, et al. **Am J Ophthalmol** 1985 Jun 15; 99(6):729

Prevention of aphakic retinal detachment by retinocryocoagulation. Gombos GM, et al. **Ann Ophthalmol** 1984 Dec;16(12):1124-6

Expansion of long-acting gas bubbles for intraocular use. Principles and practice. Crittenden JJ, et al. **Arch Ophthalmol** 1985 Jun;103(6):831-4

Slit-lamp fluid-gas exchange and other office procedures following vitreoretinal surgery. Landers MB 3d, et al. **Arch Ophthalmol** 1985 Jul;103(7):967-72

Ab interno retinochoroidectomy in primates. Peyman GA, et al. **Arch Ophthalmol** 1985 Apr;103(4):572-5

Treatment of proliferative diabetic retinopathy with panretinal cryotherapy. Daily MJ, et al. **Ophthalmic Surg** 1984 Sep;15(9):741-5

Retinochoroidectomy ab interno. Peyman GA, et al. **Ophthalmic Surg** 1984 Sep;15(9):749-51

[Surgery of epiretinal membranes on a flat retina] Haut J, et al. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1097-9 **(Fre)**

[Retinopexy by endodiathermocoagulation] Furia M, et al. **J Fr Ophtalmol** 1984;7(5):413-7 (Eng. Abstr.) **(Fre)**

[Obliteration of the posterior holes and tears of the retina by endodiathermy after vitrectomy] Ruellan YM, et al. **J Fr Ophtalmol** 1984;7(12):807-12 (Eng. Abstr.) **(Fre)**

[Histologic studies on the effect of light coagulation of the retina on the vitreous body] Leuenberger S, et al. **Klin Monatsbl Augenheilkd** 1985 Apr;186(4):272-4 (Eng. Abstr.) **(Ger)**

[Experimental studies of the tensile strength of laser adhesions] Misita V. **Klin Monatsbl Augenheilkd** 1984 Jul; 185(1):43-5 (Eng. Abstr.) **(Ger)**

[Vitreous fluorophotometry after the argon laser photocoagulation in monkey's eyes] Watanabe M, et al. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):323-34 (Eng. Abstr.) **(Jpn)**

TRANSPLANTATION

Transplantation of cultured human retinal cells to monkey retina. Gouras P, et al. **An Acad Bras Cienc** 1984 Dec; 56(4):431-43

Fetal retinae transplanted over tecta of neonatal rats respond to light and evoke patterned neuronal discharges in the host superior colliculus. Simons DJ, et al. **Brain Res** 1985 Jul;353(1):156-9

Intraocular retinal transplants. del Cerro M, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1182-5

Ganglion cells in retinae transplanted to newborn rats. Perry VH, et al. **J Comp Neurol** 1985 Jan 15;231(3):353-63

Common mechanisms in vertebrate axonal navigation: retinal transplants between distantly related amphibia. Harris WA, et al. **J Neurogenet** 1984 Apr;1(2):127-40

ULTRASTRUCTURE

Photoreceptor nuclei outside of the limiting membrane in the chick retina. Armengol JA, et al. **Acta Anat (Basel)** 1985;122(4):201-4

Connections between the sensory retina and the retinal pigment epithelium. Nicolaissen B Jr. **Acta Ophthalmol (Copenh)** 1985 Feb;63(1):68-72

A clinical, fluorescein angiographic, and electron microscopic correlation of cystoid macular edema. Gass JD, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):82-6

Retinal fine structure in the European eel Anguilla anguilla. III. Pigment epithelium of the yellow eel stage. Braekevelt CR. **Anat Anz** 1984;157(4):275-83

Retinal fine structure in the European eel Anguilla anguilla. IV. Photoreceptors of the yellow eel stage. Braekevelt CR. **Anat Anz** 1985;158(1):23-32

Retinal fine structure in the european eel Anguilla anguilla. II. Photoreceptors of the glass eel stage. Braekevelt CR. **Anat Anz** 1984;157(3):233-43

Experimental vitreous syneresis. Miller B, et al. **Arch Ophthalmol** 1985 Sep;103(9):1385-8

Retinal changes in myotonic dystrophy: a clinicomorphological study. Sarks J, et al. **Aust N Z J Ophthalmol** 1985 Feb;13(1):19-36

Contractile responses of dendrites in the bullfrog retina. Nakaye T, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):456-61

Retinal and epiretinal glia--an immunohistochemical study. Hiscott PS, et al. **Br J Ophthalmol** 1984 Oct;68(10):698-707

Retinal pathology in the Kearns-Sayre syndrome. McKechnie NM, et al. **Br J Ophthalmol** 1985 Jan; 69(1):63-75

Evidence for self-absorption of terminals by developing axons of retinal ganglion cells in the chick. Ehrlich D, et al. **Brain Res** 1985 Jan;349(1-2):285-9

Membrane particles and gap junctions in the retinas of two species of cephalopods, Octopus ocellatus and Sepiella japonica. Yamamoto M, et al. **Cell Tissue Res** 1984; 237(2):209-18

Effects of temperature and bright light on myeloid bodies in the retinal pigment epithelium of the newt, Notophthalmus viridescens. Yorke MA, et al. **Cell Tissue Res** 1985;241(3):623-8

Lamellar to tubular conformational changes in the endoplasmic reticulum of the retinal pigment epithelium of the newt, Notophthalmus viridescens. Yorke MA, et al. **Cell Tissue Res** 1985;241(3):629-37

Development and degeneration of retina in rds mutant mice: light and electron microscopic observations in experimental chimaeras. Sanyal S, et al. **Exp Eye Res** 1984 Aug; 39(2):231-46

Enzymhistochemical identification of microglial cells in the rat retina: light and electron microscopic studies. Terubayashi H, et al. **Exp Eye Res** 1984 Nov;39(5):595-603

Nucleolar changes in goldfish retinal ganglion cells in response to an optic nerve lesion are not perturbed by a second lesion. McGuinness CM, et al. **Exp Neurol** 1985 Aug;89(2):461-4

GM1 gangliosidosis, type 2: ocular clinicopathologic correlation. Cairns LJ, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;222(2):51-62

Scanning and transmission electron microscopy of Müller cells isolated from rabbit retina. Harstad HK, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(1):29-34

Subretinal strands: ultrastructural features. Trese MT, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(1):35-40

Axonal tubulin and axonal microtubules: biochemical evidence for cold stability. Brady ST, et al. **J Cell Biol** 1984 Nov;99(5):1716-24

Central projections of cat retinal ganglion cells. Leventhal AG, et al. **J Comp Neurol** 1985 Jul 8;237(2):216-26

Intercellular junctions between visual cells in the snake retina. Hara S, et al. **J Electron Microsc (Tokyo)** 1984;33(1):39-45

Fracturing of melamine-embedded cells and tissues: a new technique for studying cell membranes. Westphal C, et al. **J Microsc** 1985 Jan;137 (Pt 1):17-23

Morphological and structural study of Landolt's club in the chick retina. Quesada A, et al. **J Morphol** 1985 May; 184(2):205-14

Membrane specialization and axo-glial association in the rat retinal nerve fibre layer: freeze-fracture observations. Black JA, et al. **J Neurocytol** 1984 Jun;13(3):417-30

Synaptic organization of the outer plexiform layer of the turtle retina: an electron microscope study of serial sections. Kolb H, et al. **J Neurocytol** 1984 Aug;13(4):567-91

Morphological correlates of physiologically identified Y-, X-, and W-cells in cat retina. Fukuda Y, et al. **J Neurophysiol** 1984 Dec;52(6):999-1013

Membrane assembly in retinal photoreceptors. III. Distinct membrane domains of the connecting cilium of developing rods. Besharse JC, et al. **J Neurosci** 1985 Apr;5(4):1035-48

Membrane assembly in retinal photoreceptors. II. Immunocytochemical analysis of freeze-fractured rod photoreceptor membranes using anti-opsin antibodies. Defoe DM, et al. **J Neurosci** 1985 Apr;5(4):1023-34

Microcircuitry of bipolar cells in cat retina. McGuire BA, et al. **J Neurosci** 1984 Dec;4(12):2920-38

Local order among the dendrites of an amacrine cell population. Tauchi M, et al. **J Neurosci** 1985 Sep; 5(9):2494-501

Novel organization of microtubules in cultured central nervous system neurons: formation of hairpin loops at ends of maturing neurites. Tsui HT, et al. **J Neurosci** 1984 Dec; 4(12):3002-13

Application of scanning electron microscopy in an analysis of the retina of lower vertebrates. Breidbach O. **J Neurosci Methods** 1984 Nov;12(1):65-8

Growth cones of developing retinal cells in vivo, on culture surfaces, and in collagen matrices. Harris WA, et al. **J Neurosci Res** 1985;13(1-2):101-22

Interreceptor junction in the double cone of the chicken retina. Smith RL, et al. **J Submicrosc Cytol** 1985 Apr; 17(2):183-6

Influence of N-acetylhomocysteine thiolactone on cultured retinal cells in canine neuronal lipofuscinosis. An ultrastructural study. Spoerri PE, et al. **Ophthalmic Res** 1984;16(6):307-14

Some ultrastructural aspects of the vitreoretinal juncture. Malecaze F, et al. **Ophthalmologica** 1985;191(1):22-8

Suppression of severe retinopathy of prematurity with vitamin E supplementation. Ultrastructural mechanism of clinical efficacy. Hittner HM, et al. **Ophthalmology** 1984 Dec;91(12):1512-23

Scanning electron microscopy in retinal research. Borwein B. **Scan Electron Microsc** 1985;(Pt 1):279-301 (160 ref.)

Scanning electron microscopy of the retina in an animal model of hereditary blindness. Ulshafer RJ, et al. **Scan Electron Microsc** 1984;(Pt 2):841-8

Morphological correlates of Y, X and W type ganglion cells in the cat's retina. Fukuda Y, et al. **Vision Res** 1985; 25(3):319-27

[Classification of endothelial findings in congenital glaucoma using computer analysis] Hoskovcová-Krejčová H, et al.

Cesk Oftalmol 1985 Jul;41(4):252-7 (Eng. Abstr.) **(Cze)**

[Electron microscopic study of human optic disc edema and retinal edema] Kimura T, et al. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):335-48 (Eng. Abstr.) **(Jpn)**

[Effect of argon laser photoradiation on the monkey retina treated with hematoporphyrin derivative--an electron microscopic study] Ohnishi Y, et al. **Nippon Ganka Gakkai Zasshi** 1984 Nov;88(11):1389-96 (Eng. Abstr.) **(Jpn)**

[Composition and synaptic organization of the internal plexiform layer of the sensory membrane of the eye in turtles] Davydova TV. **Arkh Anat Gistol Embriol** 1984 Sep;87(9):21-7 (Eng. Abstr.) **(Rus)**

[Effect of avitaminosis A on retinal photoreceptor ultrastructure in adult hens] Dzhanelidze KhN. **Tsitologiia** 1984 Aug;26(8):891-5 (Eng. Abstr.) **(Rus)**

[Primary optic projections in the rabbit. Study using the horseradish peroxidase anterograde labeling technic] Gonzalo A, et al. **Rev Esp Fisiol** 1985 Jun;41(2):161-70 (Eng. Abstr.) **(Spa)**

RETINAL ARTERY

Central retinal artery occlusion during cardiac catheterization. Stefánsson E, et al. **Am J Ophthalmol** 1985 May 15;99(5):586-9

Ischemic optic neuropathy associated with retinal embolism. Tomsak RL. **Am J Ophthalmol** 1985 May 15;99(5):590-2

Cilioretinal artery occlusion: a case report. Gangwar DN, et al. **Ann Ophthalmol** 1984 Nov;16(11):1022-4

Iatrogenic central retinal artery embolization: a complication of cardiac catheterization. Hallermann D, et al. **Ann Ophthalmol** 1984 Nov;16(11):1025-7

Evolution of a retinal arterial macroaneurysm. Holland PM. **Ann Ophthalmol** 1984 Dec;16(12):1167-70

Central retinal artery occlusion following transfemoral cerebral angiography. Johnson LN, et al. **Ann Ophthalmol** 1985 Jun;17(6):359-62

Central retinal vein occlusion in a case of arteriovenous communication of the retina. Zylbermann R, et al. **Ann Ophthalmol** 1984 Sep;16(9):825-8

Sudden visual loss in pseudotumor cerebri due to central retinal artery occlusion. Baker RS, et al. **Arch Neurol** 1984 Dec;41(12):1274-6

Central retinal artery occlusion following YAG synechialysis [letter] Paylor R. **Arch Ophthalmol** 1985 Mar;103(3):325-6

Retinal arteriolar occlusions following amniotic fluid embolism. Chang M, et al. **Ophthalmology** 1984 Dec;91(12):1634-7

Retinal artery occlusion in migraine. Gray JA, et al. **Postgrad Med J** 1985 Jun;61(716):517-8

Branch artery occlusion in a young woman [clinical conference] Gittinger JW Jr, et al. **Surv Ophthalmol** 1985 Jul-Aug;30(1):52-8

[Retinal macroaneurysm] Rozsival P, et al. **Cesk Oftalmol** 1984 Nov;40(6):335-9 (Eng. Abstr.) **(Cze)**

[Local fibrinolytic treatment in occlusions of the central retinal artery] Annonier P, et al. **J Fr Ophtalmol** 1984;7(11):711-6 (Eng. Abstr.) **(Fre)**

[Results and indications for drug therapy in arterial and venous vascular occlusions of the retina due to erythrosclerosis] Gallasch G. **Fortschr Ophthalmol** 1985;82(1):102-4 (Eng. Abstr.) **(Ger)**

[Results and suggested indications for hemodilution in arterial and venous vascular occlusions of the retina] Gallasch G. **Fortschr Ophthalmol** 1984;81(4):349-52 (Eng. Abstr.) **(Ger)**

[ERG in embolism of the central retinal artery] Hennekes R, et al. **Fortschr Ophthalmol** 1985;82(3):302 (Eng. Abstr.) **(Ger)**

[Fat embolism of retinal arteries following acute pancreatitis] Hackelbusch R. **Klin Monatsbl Augenheilkd** 1984 Jul;185(1):50-2 (Eng. Abstr.) **(Ger)**

[Clinical picture of an embolism of the central retinal artery caused by cholesterol crystals] Vodovozov AM. **Klin Monatsbl Augenheilkd** 1984 Sep;185(3):195-7 (Eng. Abstr.) **(Ger)**

[Obstructive retinal lesions] Pop D. Popa D, et al. **Rev Chir [Oftalmol]** 1985 Apr-Jun;29(2):81-6 (Eng. Abstr.) **(Rum)**

[Risk factors in central arterial occlusion of the retina] Segal N, et al. **Rev Chir [Oftalmol]** 1984 Jul-Sep;28(3):175-80 (Eng. Abstr.) **(Rum)**

[Allergic retinovasculitis in patients with occupational pathology caused by antibiotics (penicillin and streptomycin)] Karacharova SV. **Oftalmol Zh** 1985;(2):100-1 (Eng. Abstr.) **(Rus)**

[Reaction of the conjunctival and retinal vessels to the administration of vasodilators to patients with vascular disorders of the fundus oculi] Davydova NG, et al. **Vestn Oftalmol** 1985 May-Jun;101(3):38-40 (Eng. Abstr.) **(Rus)**

[Retinal macroaneurysms] Forofonova TI, et al. **Vestn Oftalmol** 1985 Mar-Apr;101(2):53-6 (Eng. Abstr.) **(Rus)**

ABNORMALITIES

Congenital retinal arteriovenous communication associated with an ipsilateral cranial dermatofibrosarcoma. Karlin K, et al. **Ann Ophthalmol** 1985 Jun;17(6):363-5

[Retinal arterial macroaneurysms] Castier P, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):485-6, 489 (Eng. Abstr.) **(Fre)**

CYTOLOGY

Postnatal retinal vascular development of the puppy. Flower RW, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):957-68

DRUG EFFECTS

Regression of retinal vascular changes by antihypertensive therapy. Bock KD. **Hypertension** 1984 Nov-Dec;6(6 Pt 2):III158-62

[Arterial occlusion in the ocular fundus induced by oral contraceptives] Vastag O, et al. **Orv Hetil** 1984 Dec 16;125(51):3121-5 (Eng. Abstr.) **(Hun)**

[Studies of the retinal circulation using fluorescein dilution curve. 2. Effects of beta-adrenergic stimulator and blocker on the pigmented rabbit's eye] Matsuo T, et al. **Nippon Ganka Gakkai Zasshi** 1984 Sep;88(9):1259-65 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Possible significance of cilioretinal arteries in open-angle glaucoma. Shihab ZM, et al. **Ophthalmology** 1985 Jul;92(7):880-3

[Isolated retinal arteriectasis] Lepori JC, et al. **Bull Soc Ophtalmol Fr** 1983 Dec;83(12):1411-3 (Eng. Abstr.) **(Fre)**

[Retinal arterial macroaneurysms] Attali P, et al. **J Fr Ophtalmol** 1984;7(11):697-710 (Eng. Abstr.) **(Fre)**

[Hypereosinophilic syndrome with ocular involvement] Binaghi M, et al. **J Fr Ophtalmol** 1985;8(4):309-14 (Eng. Abstr.) **(Fre)**

PHYSIOLOGY

A morphologic and autoradiographic study of cell death and regeneration in the retinal microvasculature of normal and diabetic rats. Sharma NK, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):51-60

PHYSIOPATHOLOGY

Abnormal retinal artery responses to stress in patients with type I diabetes. Osei K, et al. **Am J Med** 1985 Apr;78(4):595-601

[Electrophysiologic verification of amaurosis fugax] Hennekes R, et al. **Fortschr Ophthalmol** 1985;82(3):298-9 (Eng. Abstr.) **(Ger)**

[Pattern and light electroretinograms in branch occlusions of the central retinal artery] Vomberg HE, et al. **Klin Monatsbl Augenheilkd** 1984 Jun;184(6):560-2 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

Intravenous digital subtraction angiography and its role in ocular vascular disease. Hedges TR Jr, et al. **Arch Ophthalmol** 1985 May;103(5):666-9

Digital subtraction carotid angiography and retinal arterial obstruction. Shah HG, et al. **Ophthalmology** 1985 Jan;92(1):68-72

SURGERY

[Late results of laser coagulation of the fundus oculi in acute obstruction of the retinal arteries] Saprykin PI, et al. **Oftalmol Zh** 1984;(7):398-401 (Eng. Abstr.) **(Rus)**

[Case of a positive result in treating acute obstruction of the central retinal artery by a new surgical method] Voloshinov DB, et al. **Oftalmol Zh** 1984;(7):443-4 **(Rus)**

ULTRASTRUCTURE

Scanning electron microscopy of vascular casts of the human scleral lamina cribrosa. Fryczkowski AW, et al. **Int Ophthalmol** 1984 Jun;7(2):95-100

RETINAL BREAKS see **RETINAL PERFORATIONS**

RETINAL DEGENERATION

CHEMICALLY INDUCED

Photoreceptor-specific degeneration caused by tunicamycin. Fliesler SJ, et al. **Nature** 1984 Oct 11-17;311(5986):575-7

Nummular thioridazine retinopathy. Kozy D, et al. **Retina** 1984 Fall-Winter;4(4):253-6

[A case of retinal degeneration in a man exposed to organophosphorus pesticides] Ghisolfi A, et al. **G Ital Med Lav** 1983 Jul;5(4):187-8 (Eng. Abstr.) **(Ita)**

COMPLICATIONS

Ocular abnormalities in mucolipidosis IV. Riedel KG, et al. **Am J Ophthalmol** 1985 Feb 15;99(2):125-36

Bilateral nanophthalmos, pigmentary retinal dystrophy, and angle closure glaucoma--a new syndrome? Ghose S, et al. **Br J Ophthalmol** 1985 Aug;69(8):624-8

Pars planitis and rod-cone dystrophy. Neetens A, et al. **Bull Soc Belge Ophtalmol** 1983;207:85-91

Generalized hypertrophic myopathy associated with chorioretinal dystrophy and struma lymphomatosa--a case report. van Zuilen EV, et al. **Neuropediatrics** 1984 Aug;15(3):159-64

DIAGNOSIS

Senile reticular pigmentary degeneration. Humphrey WT, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):717-22

Fluorescein angiography in reticular degeneration of the pigment epithelium. Straatsma BR, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):202-8

Auditory testing of dogs with inherited retinal degeneration. Acland GM, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):785-8

[Crystalline chorioretinopathy with marginal corneal involvement] Weber U, et al. **Klin Monatsbl Augenheilkd** 1984 Oct;185(4):268-71 (Eng. Abstr.) **(Ger)**

[Vitreous fluorophotometry in experimental pigment epitheliopathy] Hanyuda T, et al. **Nippon Ganka Gakkai Zasshi** 1985 Mar;89(3):503-11 (Eng. Abstr.) **(Jpn)**

[Diabetes mellitus with developing vascular changes in a 13-year-old girl] Urban M, et al. **Wiad Lek** 1984 May 1;37(9):673-6 (Eng. Abstr.) **(Pol)**

DRUG THERAPY

Taxol for the treatment of proliferative vitreoretinopathy. van Bockxmeer FM, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1140-7

ENZYMOLOGY

Redistribution of Na-K-ATPase in the dystrophic rat retinal pigment epithelium. Caldwell RB, et al. **J Neurocytol** 1984 Dec;13(6):895-910

ETIOLOGY

The ocular findings in Kniest dysplasia. Maumenee IH, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):155-60

Adult type of neuronal ceroid-lipofuscinosis with retinal involvement. Ikeda K, et al. **Clin Neuropathol** 1984 Nov-Dec;3(6):237-9

Retinal pigment epithelial dysfunction in early ovine ceroid lipofuscinosis: electrophysiologic and pathologic correlates. Samuelson D, et al. **Ophthalmologica** 1985;190(3):150-7

FAMILIAL & GENETIC

Choroideremia is linked to the restriction fragment length polymorphism DXYS1 at XQ13-21. Nussbaum RL, et al. **Am J Hum Genet** 1985 May;37(3):473-81

The effect of diet on inherited retinal dystrophy in the rat. Pautler EL, et al. **Curr Eye Res** 1984 Oct;3(10):1221-4

Cyclic GMP in the retinas of normal mice and those heterozygous for early-onset photoreceptor dystrophy. Doshi M, et al. **Exp Eye Res** 1985 Jul;41(1):61-5

Studies on hereditary retinal degeneration. The rd gene in the mouse. Cagianut B, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(1):16-22

Ultrastructure of remnant photoreceptors in advanced hereditary retinal degeneration. Cotter JR, et al. **Invest Ophthalmol Vis Sci** 1984 Dec;25(12):1366-75

Mapping X-linked ophthalmic diseases. Provisional assignment of the locus for choroideremia to Xq13-q24. Lewis RA, et al. **Ophthalmology** 1985 Jun;92(6):800-6

[Peripheral retinal degeneration] Segal A, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):479-80 (Eng. Abstr.) **(Fre)**

[Vitreous hemorrhage and sex linked juvenile retinoschisis] Turut P, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):475-7 (Eng. Abstr.) **(Fre)**

[Stickler's syndrome or hereditary progressive arthro-ophthalmopathy] Vallat M, et al. **J Fr Ophtalmol** 1985;8(4):301-7 (Eng. Abstr.) **(Fre)**

[Central chorioretinal dystrophy with drusen and retinal crystals] Weber U, et al. **Ophthalmologica** 1985;190(3):134-41 (Eng. Abstr.) **(Ger)**

[Familial vitreoretinal degeneration] Kosińska D, et al. **Klin Oczna** 1984 Jul;86(7):307-8 (Eng. Abstr.) **(Pol)**

IMMUNOLOGY

Phagocytosis of lectin-coated beads by dystrophic and normal retinal pigment epithelium. Seyfried-Williams R, et al. **Exp Cell Res** 1984 Oct;154(2):500-9

[Studies on congenital constitution by HLA antigens relating to lattice degeneration and rhegmatogenous retinal detachment] Mano K, et al. **Nippon Ganka Gakkai Zasshi** 1985 Apr;89(4):513-7 (Eng. Abstr.) **(Jpn)**

METABOLISM

Retinal degeneration in vitamin B12 disorder associated with methylmalonic aciduria and sulfur amino acid abnormalities [letter] Rych K. **Am J Ophthalmol** 1985 Feb 15;99(2):217

Immunoassay of rod visual pigment (opsin) in the eyes of rds mutant mice lacking receptor outer segments. Schalken JJ, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):122-6

Comparison of the lens crystallin proteins from normal, rd, and rds mutant mice utilizing specific monoclonal antibodies. Carper D, et al. **Exp Eye Res** 1985 May;40(5):757-61

Cataracts in the Royal College of Surgeons rat: evidence for initiation by lipid peroxidation products. Zigler JS Jr, et al. **Exp Eye Res** 1985 Jul;41(1):67-76

Müller cell expression of glial fibrillary acidic protein after genetic and experimental photoreceptor degeneration in the rat retina. Eisenfeld AJ, et al. **Invest Ophthalmol Vis Sci** 1984 Nov;25(11):1321-8

PATHOLOGY

Degenerative retinoschisis with giant outer layer breaks and retinal detachment. Sulonen JM, et al. **Am J Ophthalmol** 1985 Feb 15;99(2):114-21

Retinal changes in myotonic dystrophy: a clinicomorphological study. Sarks J, et al. **Aust N Z J Ophthalmol** 1985 Feb;13(1):19-36

Development and degeneration of retina in rds mutant mice: light and electron microscopic observations in experimental chimaeras. Sanyal S, et al. **Exp Eye Res** 1984 Aug;39(2):231-46

Hereditary retinal degeneration in the Rhode Island Red chicken: ultrastructural analysis. Ulshafer RJ, et al. **Exp Eye Res** 1985 Jun;40(6):865-77

Hereditary retinal degeneration in the Rhode Island Red chicken. I. Histology and ERG. Ulshafer RJ, et al. **Exp Eye Res** 1984 Aug;39(2):125-35

Retinal pigment epithelial correlates of avian retinal degeneration: electron microscopic analysis. Fite KV, et al. **J Comp Neurol** 1985 Jan 15;231(3):310-22

Effects of melatonin and 6-methoxy-tetrahydro-beta-carboline in light induced retinal damage: a computerized morphometric method. Leino M, et al. **Life Sci** 1984 Nov 12;35(20):1997-2001

Conjunctival biopsies in gyrate atrophy of the choroid and retina. François J, et al. **Ophthalmologica** 1984;189(4):165-8

[Role of the basal complex (Bruch's membrane) in the pathogenesis of experimental toxic tapetoretinal dystrophy of the retina] Zakharchenko VM, et al. **Oftalmol Zh** 1984;(6):369-71 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Progressive retinal atrophy in the Abyssinian cat: studies of the DC-recorded electroretinogram and the standing potential of the eye. Narfström KL, et al. **Br J Ophthalmol** 1985 Aug;69(8):618-23

Fast and slow artificial diurnal rhythms (light-darkness-light) and the rate of progression of retinal degeneration in dystrophic RCS rats. An electroretinographic study. Skoog KO. **Br J Ophthalmol** 1985 Jun;69(6):468-70

Photoreceptoral basis for altered dark-adaptation in retinal degeneration (RCS) rats. Low JC. **Curr Eye Res** 1984 Sep;3(9):1079-83

Behavioral recovery in albino rats with glutamate-damaged retinas. Sisk DR, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1124-8

Lectin-ferritin binding on dystrophic and normal retinal pigment epithelial membranes. McLaughlin BJ, et al. **J Neurocytol** 1984 Jun;13(3):467-80

Ovulatory function and retinal catecholamine concentrations in female rats with and without inherited retinal photoreceptor degeneration. Watts AG. **Neuroendocrinology** 1985 Jun;40(6):511-7

Development and degeneration of retina in rds mutant mice: the electroretinogram. Reuter JH, et al. **Neurosci Lett** 1984 Jul 27;48(2):231-7

PREVENTION & CONTROL

Users' and nonusers' evaluations of the CPF 550 lenses. Morrissette DL, et al. **Am J Optom Physiol Opt** 1984 Nov;61(11):704-10

RADIOTHERAPY

Preservation of retinal function in the RCS rat by laser treatment. Behbehani MM, et al. **Retina** 1984 Fall-Winter;4(4):257-63

SURGERY

Argon vs krypton laser lesions: is the wavelength more important than the power. Morse PH. **Ann Ophthalmol** 1985 Jan;17(1):86-91

Argon laser photocoagulation in the management of retinal detachment and predisposing lesions. Gratton I, et al. **Lasers Surg Med** 1984;4(4):337-44

[Retinal detachment caused by laser coagulation of the fundus oculi] Szczypiński J, et al. **Klin Oczna** 1984 May;86(5):197-200 (Eng. Abstr.) **(Pol)**

[Effect of alloscleroplastic operations on the visual functions in persons with high myopia at different stages of the manifestation of chorioretinal dystrophy] Krasnikov PG, et al. **Oftalmol Zh** 1985;(3):156-9 (Eng. Abstr.) **(Rus)**

THERAPY

[ETO, nonspecific stimulant as therapy for degenerative diseases of the eye] Kapuściński WJ, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:115-9 **(Fre)**

VETERINARY

Fluorescein angiography in homozygote and carrier state of progressive retinal atrophy of the poodle; comparative aspects with human retinitis pigmentosa. Koskinen L, et al. **Acta Ophthalmol (Copenh)** 1985 Jun;63(3):297-304

Progressive retinal atrophy in the Abyssinian cat. Clinical characteristics. Narfström K. **Invest Ophthalmol Vis Sci** 1985 Feb;26(2):193-200

Autosomal dominant progressive retinal atrophy in Abyssinian cats. Barnett KC, et al. **J Hered** 1985 May-Jun;76(3):168-70

Retinal atrophy in albino rats associated with Pituranthos triradiatus (umbelliferae)-induced photosensitization. Nyska A, et al. **Vet Pathol** 1984 Sep;21(5):551-2

Generalized progressive retinal atrophy in two Akita dogs. O Toole D, et al. **Vet Pathol** 1984 Sep;21(5):457-62

[Clinical electroretinography in veterinary medicine. 2. Progressive retinal atrophy and hemeralopia] Reichenbach A, et al. **Arch Exp Veterinarmed** 1985 Mar;39(2):243-52 (Eng. Abstr.) **(Ger)**

RETINAL DETACHMENT

see related
SCLERAL BUCKLING

CHEMICALLY INDUCED

Retinal detachment during glaucoma therapy. Review. A case report of an occurrence of retinal detachment after using membranous pilocarpine delivery system [Pilokarpin lameller (Ocusert) 11 mg]. Puustjärvi T. **Ophthalmologica** 1985;190(1):40-4

COMPLICATIONS

Diffuse drusen and associated complications. Kenyon KR, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):119-28

Tear of the retinal pigment epithelium and serous retinal detachment. Sunakawa M, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):488-9

Ripping of detached retinal pigment epithelium in senile macular degeneration. De Laey JJ, et al. **Bull Soc Belge Ophtalmol** 1983;207:27-35

Giant retinal tears, retinal detachment and retinitis pigmentosa. Johnston ME, et al. **Can J Ophthalmol** 1985 Feb;20(1):16-8

Ulcerative colitis complicated by idiopathic central serous chorioretinopathy with bullous retinal detachment. Kaneko E, et al. **Dig Dis Sci** 1985 Sep;30(9):896-900

Severe proliferative vitreoretinopathy and retinal detachment. I. Initial clinical findings. Ho PC, et al. **Ophthalmology** 1984 Dec;91(12):1531-7

Retinal detachment in retinitis pigmentosa. Edwards RS, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 3):315-8

[Retinal detachment combined with choroidal detachment as a preoperative complication. 2. Treatment and prognosis] Okinami S, et al. **Nippon Ganka Gakkai Zasshi** 1984 May;88(5):838-45 (Eng. Abstr.) **(Jpn)**

[Combined single-stage microsurgical procedures in retinal detachment complicated by glaucoma in children] Vasil'eva SF. **Oftalmol Zh** 1984;(6):330-3 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Cases from the aerospace medicine residents' teaching file: a visual dilemma. Lovan WD. **Aviat Space Environ Med** 1985 May;56(5):474-5

The lights that failed to signal the diagnosis. Lombard CM. **Hosp Pract [Off]** 1985 Jun 15;20(6):151-2

Choroidal detachment in association with retinal detachment. Azad R, et al. **Indian J Ophthalmol** 1984 May-Jun;32(3):143-7

Location and characteristics of the prepapillary annular opacity. Potter JW, et al. **J Am Optom Assoc** 1985 May;56(5):386-9

[Disciform detachment of the macular neuroepithelium--analysis of 118 cases on fundus fluorescein angiography] Liu CZ. **Chung Hua Yen Ko Tsa Chih** 1984 Nov;20(6):342-4 **(Chi)**

[Idiopathic central serous chorioretinopathy] Binaghi M, et al. **J Fr Ophtalmol** 1984;7(5):419-36 (96 ref.) **(Fre)**

[Contusion injuries of the posterior eye segment] Wessing A, et al. **Fortschr Ophthalmol** 1984;81(5):395-400 (Eng. Abstr.) **(Ger)**

[Vitreous body hemorrhage as a sign of retinal tear] Rynarzewska E, et al. **Klin Oczna** 1985 Feb;87(2):79-80 (Eng. Abstr.) **(Pol)**

[Problems in the differential diagnosis between idiopathic and symptomatic retinal detachment] Bănacu I, et al. **Rev Chir [Oftalmol]** 1985 Jan-Mar;29(1):35-7 (Eng. Abstr.) **(Rum)**

[Significance of fundus oculi changes in the diagnosis of optochiasmic leptomeningitis] Shershevskaia SF, et al. **Oftalmol Zh** 1985;(2):97-9 (Eng. Abstr.) **(Rus)**

[Luminescent and dark disk symptom in central serous chorioretinopathy] Todor GA. **Oftalmol Zh** 1984;(4):222-3 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Proliferative vitreoretinopathy. The Silicone Study Group [editorial] **Am J Ophthalmol** 1985 May 15;99(5):593-5

Healon in retinal detachment with proliferative vitreoretinopathy. Gerke E, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;221(5):241-3

[Enzymatic treatment of central serous retinopathy] Radian AB, et al. **Rev Chir [Oftalmol]** 1984 Oct-Dec;28(4):299-300 (Eng. Abstr.) **(Rum)**

ETIOLOGY

Characteristics of rhegmatogenous retinal detachment. Laatikainen L, et al. **Acta Ophthalmol (Copenh)** 1985 Apr;63(2):146-54

Scleral buckling for retinal detachment in patients with retinoblastoma. Buzney SM, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):473-7

The ocular findings in Kniest dysplasia. Maumenee IH, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):155-60

Retinal detachment in chronic brucellosis [letter] Rolando I, et al. **Am J Ophthalmol** 1985 Jun 15;99(6):733-4

Hemorrhagic detachment of the peripheral retinal pigment epithelium. Potter JW, et al. **Am J Optom Physiol Opt** 1985 Mar;62(3):161-4

Retinal telangiectasia, retinoschisis and retinal detachment. Fox K. **Ann Ophthalmol** 1984 Sep;16(9):830-4

Serous retinal detachments in thrombotic thrombocytopenic purpura. Lambert SR, et al. **Arch Ophthalmol** 1985 Aug;103(8):1172-4

Ocular involvement in thrombotic thrombocytopenic purpura: the angiographic and histopathological features. Jellie HG, et al. **Can J Ophthalmol** 1984 Oct;19(6):279-83

Prognosis of traction retinal detachment in proliferative diabetic retiopathy. Riaskoff S. **Int Ophthalmol** 1985 Mar;7(3-4):231-3

Retinal detachment in Morning Glory syndrome. Akiyama K, et al. **Ophthalmic Surg** 1984 Oct;15(10):841-3

The pathogenesis of aphakic retinal detachment. Irvine AR. **Ophthalmic Surg** 1985 Feb;16(2):101-7 (26 ref.)

Incidence of chronic glaucoma, retinal detachment and secondary membrane surgery in pediatric aphakic patients. Chrousos GA, et al. **Ophthalmology** 1984 Oct;91(10):1238-41

Retinal detachment in the morning glory anomaly. Haik BG, et al. **Ophthalmology** 1984 Dec;91(12):1638-47

Peripheral retinal detachments and retinal pigment epithelial atrophic tracts secondary to central serous pigment epitheliopathy. Yannuzzi LA, et al. **Ophthalmology** 1984 Dec;91(12):1554-72

Serous retinal pigment epithelial detachment with a notch. A sign of occult choroidal neovascularization. Gass JD. **Retina** 1984 Fall-Winter;4(4):205-20

Multifocal pigment epithelial detachments by reticulum cell sarcoma. A characteristic funduscopic picture. Gass JD, et al. **Retina** 1984 Summer-Fall;4(3):135-43

Treatment of combined traction-rhegmatogenous retinal detachment in the morning glory syndrome. Harris MJ, et al. **Retina** 1984 Fall-Winter;4(4):249-52

Atopic dermatitis. Retinal detachment associated with atopic dermatitis. Katsura H, et al. **Retina** 1984 Summer-Fall;4(3):148-51

Macular hole and retinal detachment in Best's disease. Schachat AP, et al. **Retina** 1985 Winter-Spring;5(1):22-5

Pseudophakic retinal detachments. Wilkinson CP. **Retina** 1985 Winter-Spring;5(1):1-4

[Analysis of retinal detachment due to macular holes] Pan GF. **Chung Hua Yen Ko Tsa Chih** 1984 Mar;20(2):78-80 **(Chi)**

[Acute choriocapillary occlusions of inflammatory origin. Apropos of 5 cases] Le Rebeller MJ, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:272-6 **(Fre)**

[Morning-glory papilla and detachment of the macular neuroepithelium] Adenis JP. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1163-4 (Eng. Abstr.) **(Fre)**

[Retinal detachment associated with extensive sclerectasia in a patient presenting with very accentuated kyphoscoliosis] Gerhard JP, et al. **Bull Soc Ophtalmol Fr** 1983 Dec;83(12):1415-9 (Eng. Abstr.) **(Fre)**

[Papillary pits and maculopathies] Romanet JP, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1311-4, 1317 **(Fre)**

[Medical retinal detachment in a child] Saudax E, et al. **Bull Soc Ophtalmol Fr** 1983 Dec;83(12):1421-3 (Eng. Abstr.) **(Fre)**

[Intraocular lenses and retinal detachment] Heimann K. **Fortschr Ophthalmol** 1985;82(2):168-71 (Eng. Abstr.) **(Ger)**

[Retinal detachment following implantation of artificial lenses] Winter R, et al. **Fortschr Ophthalmol** 1985;82(2):172-4 (Eng. Abstr.) **(Ger)**

[Retinal detachment in children and adolescents] Laatikainen L, et al. **Klin Monatsbl Augenheilkd** 1984 Jul;185(1):12-6 (Eng. Abstr.) **(Ger)**

[Retinal detachment after cataract extraction in the Department of Ophthalmological Surgery, Cracow Ophthalmological Hospital] Chrzanowska-Srzednicka K, et al. **Klin Oczna** 1984 Jun;86(6):259-61 (Eng. Abstr.) **(Pol)**

[Bilateral retinal detachment in children and adolescents] Koraszewska-Matuszewska B, et al. **Klin Oczna** 1985 Feb;87(2):52-3 (Eng. Abstr.) **(Pol)**

[Retinal detachment caused by laser coagulation of the fundus oculi] Szczypiński J, et al. **Klin Oczna** 1984 May;86(5):197-200 (Eng. Abstr.) **(Pol)**

[Traumatic retinal detachment] Călugăru M, et al. **Rev Chir [Oftalmol]** 1985 Jan-Mar;29(1):63-73 (Eng Abstr.) **(Rum)**

[Exacerbating factors and an analysis of their joint effect on the formation of adhesions and the appearance of tractional retinal detachment following the diascleral removal of intraocular fragments] Gundorova RA, et al.

Oftalmol Zh 1984;(3):159–62 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

[Familial exudative vitreoretinopathy, rhegmatogenous retinal detachment and postoperative uveitis with massive subretinal exudation] Okubo Y, et al. **Nippon Ganka Gakkai Zasshi** 1984 Aug;88(8):1151–6 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

[Bird-shot chorioretinopathy after retinal detachment: probable autoimmune origin] Laroche L, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1245–7 **(Fre)**

[Anti-retinal autoimmunity in idiopathic retinal detachment] Remy C, et al. **Bull Soc Ophtalmol Fr** 1983 Nov; 83(11):1299–300 **(Fre)**

[Studies on congenital constitution by HLA antigens relating to lattice degeneration and rhegmatogenous retinal detachment] Mano K, et al. **Nippon Ganka Gakkai Zasshi** 1985 Apr;89(4):513–7 (Eng. Abstr.) **(Jpn)**

[Immunological features in patients with retinal detachment] Niebrój TK, et al. **Klin Oczna** 1984 Jul;86(7):291–2 (Eng. Abstr.) **(Pol)**

METABOLISM

Digoxin in the subretinal spaces of humans with rhegmatogenous retinal detachments. Frambach DA, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):490–1

Fluid dynamics in eyes with rhegmatogenous retinal detachments. Tsuboi S, et al. **Am J Ophthalmol** 1985 Jun 15;99(6):673–6

Experimental retinal detachment. IX. Aqueous, vitreous, and subretinal protein concentrations. Pederson JE, et al. **Arch Ophthalmol** 1985 Jun;103(6):835–6

Kinetics of macromolecules injected into the subretinal space. Marmor MF, et al. **Exp Eye Res** 1985 May;40(5):687–96

[Identification and classification of proteins in subretinal fluid. II. Significance of the electrophoretic analysis of proteins in the subretinal fluid in estimating the duration of retinal detachment and the prognosis for its healing] Moster MF, et al. **Cesk Oftalmol** 1985 May;41(3):149–60 (Eng. Abstr.) **(Cze)**

[Identification and classification of proteins in the subretinal fluid. I. Use of specific antisera for differentiating between individual proteins in the subretinal fluid] Moster MF, et al. **Cesk Oftalmol** 1985 May;41(3):139–48 (Eng. Abstr.) **(Cze)**

[Protein indices of the subretinal fluid level in retinal detachment studied to determine the etiology and to establish the diagnostic parameters] Olteanu M, et al. **Rev Chir [Oftalmol]** 1985 Jan–Mar;29(1):19–25 (Eng. Abstr.) **(Rum)**

OCCURRENCE

Epidemiology of rhegmatogenous retinal detachment in a Finnish population. Laatikainen L, et al. **Acta Ophthalmol (Copenh)** 1985 Feb;63(1):59–64

PATHOLOGY

Adult vitelliform macular detachment occurring in patients with basal laminar drusen. Gass JD, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):445–59

Subretinal proliferation. Sternberg P Jr, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):456–62

Degenerative retinoschisis with giant outer layer breaks and retinal detachment. Sulonen JM, et al. **Am J Ophthalmol** 1985 Feb 15;99(2):114–21

Vitreous aspirates from patients with proliferative vitreoretinopathy stimulate retinal pigment epithelial cell migration. Campochiaro PA, et al. **Arch Ophthalmol** 1985 Sep;103(9):1403–5

Retinal pigment epithelial detachments in the elderly: classification and outcome. Casswell AG, et al. **Br J Ophthalmol** 1985 Jun;69(6):397–403

Constricting retroretinal membranes associated with traumatic retinal detachments. Daicker B. **Graefes Arch Clin Exp Ophthalmol** 1985;222(3):147–53

Subretinal strands: ultrastructural features. Trese MT, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(1):35–40

Spontaneous regression of parafoveal exudates and serous retinal detachment in a patient with tuberous sclerosis and retinal astrocytomas. Panzo GJ, et al. **Retina** 1984 Fall–Winter;4(4):242–5

Traumatic posterior vitreous detachment: scanning electron microscopy of an experimental model in the monkey eye. Hsu HT, et al. **Scan Electron Microsc** 1984;(Pt 3):1361–8

[Histological changes in the sclera in retinal detachment. I. Spontaneous detachment] Mariak Z, et al. **Klin Oczna** 1984 Jul;86(7):287–9 (Eng. Abstr.) **(Pol)**

[Spontaneously healed retinal detachment after the extraction of an undiagnosed intraocular foreign body] Cernea P, et al. **Rev Chir [Oftalmol]** 1984 Jul–Sep;28(3):231–4 (Eng. Abstr.) **(Rum)**

[Spontaneous reattachment in a case of traumatic retinal detachment] Radian AB, et al. **Rev Chir [Oftalmol]** 1985 Apr–Jun;29(2):141–3 (Eng. Abstr.) **(Rum)**

PHYSIOPATHOLOGY

Silicone oil and its influence on electrophysiologic findings. Foerster MH, et al. **Am J Ophthalmol** 1985 Feb 15; 99(2):201–6

The pathophysiology of proliferative vitreoretinopathy in its management. Ryan SJ. **Am J Ophthalmol** 1985 Jul 15; 100(1):188–93

Iris retraction associated with rhegmatogenous retinal detachment syndrome and hypotony. A new explanation. Campbell DG. **Arch Ophthalmol** 1984 Oct;102(10):1457–63

Experimental retinal detachment. VIII. Retinochoroidal horseradish peroxidase diffusion across the blood–retinal barrier. Toris CB, et al. **Arch Ophthalmol** 1985 Feb; 103(2):266–9

Do we need a retinal pigment epithelium (or choroid) for the maintenance of retinal apposition? Foulds WS. **Br J Ophthalmol** 1985 Apr;69(4):237–9

Retinal pigment epithelium disorder in Vogt–Koyanagi–Harada disease revealed by hyperosmolarity response of ocular standing potential. Madachi–Yamamoto S, et al. **Jpn J Ophthalmol** 1984; 28(4):362–9

Electrophysiological responses after vitrectomy and intraocular tamponade. Frumar KD, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 2):129–32

[Monitoring intraocular fluid hydrodynamics in retinal detachment using radioactive 22NaCl] Ziegler M, et al. **Cesk Oftalmol** 1984 Jun;40(2–3):137–41 (Eng. Abstr.) **(Cze)**

[Drainage of subretinal fluid by the retinal pigment epithelium: their role in reattachment of the retina] Chihara E, et al. **Nippon Ganka Gakkai Zasshi** 1985 Jan;89(1):225–6 (Eng. Abstr.) **(Jpn)**

PREVENTION & CONTROL

Prevention of aphakic retinal detachment by retinocryocoagulation. Gombos GM, et al. **Ann Ophthalmol** 1984 Dec;16(12):1124–6

[Preventive use of argon lasers in patients with risk of retinal detachment] Boguszaková J, et al. **Cesk Oftalmol** 1984 Sep; 40(5):272–5 (Eng. Abstr.) **(Cze)**

[Vitrectomy to prevent retinal detachment in aphakia. Hyalitis, perforating injuries, diabetes, myopia, in the absence of vitreous hemorrhage] Limon S, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:177–80 **(Fre)**

[Prevention of post–traumatic traction retinal detachment by the vitreo–adhesiectomy method] Kovalev AI. **Oftalmol Zh** 1985;(1):9–11 (Eng. Abstr.) **(Rus)**

SURGERY

Treatment of diabetic traction retinal detachment with the pulsed neodymium–YAG laser. Brown GC, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):258–62

Surgical treatment of retinal detachments complicated by proliferative vitreoretinopathy. de Bustros S, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):694–9

Retinal tacks. de Juan E Jr, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):272–4

Vitrectomy without scleral buckling for primary rhegmatogenous retinal detachment. Escoffery RF, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):275–81

Physical activity after retinal detachment surgery [letter] Levin HR, et al. **Am J Ophthalmol** 1985 Aug 15; 100(2):352–3

Ocular deviation after retinal detachment surgery. Mets MB, et al. **Am J Ophthalmol** 1985 Jun 15;99(6):667–72

Retinal detachment surgery with the OPMI–6 surgical microscope. Arciniegas A. **Ann Ophthalmol** 1985 Jun; 17(6):334–5

Biomicroscopic study of the vitreous in eyes with macular pucker after retinal detachment surgery. Avila MP, et al. **Ann Ophthalmol** 1985 Jul;17(7):403–10

Patient use of low–vision aids after retinal detachment surgery. Chan IM, et al. **Ann Ophthalmol** 1985 Jan; 17(1):82–4

Treatment of retinal pigment epithelial detachments. Tornambe PE. **Ann Ophthalmol** 1984 Sep;16(9):884–6, 888

Argon laser choroidotomy for drainage of subretinal fluid. Bovino JA, et al. **Arch Ophthalmol** 1985 Mar;103(3):443–4

Cryotherapy enhances intravitreal dispersion of viable retinal pigment epithelial cells. Campochiaro PA, et al. **Arch Ophthalmol** 1985 Mar;103(3):434–6

Vitrectomy and photocoagulation in the management of serous detachment associated with optic nerve pits. Alexander TA, et al. **Aust J Ophthalmol** 1984 May; 12(2):139–42

Retinal detachment with proliferative vitreoretinopathy: surgical results with scleral buckling, closed vitrectomy, and intravitreous air injection. Ho PC, et al. **Br J Ophthalmol** 1985 Aug;69(8):584–7

Monitored posterior transcleral drainage of subretinal fluid. McLeod D. **Br J Ophthalmol** 1985 Jun;69(6):433–4

Peripheral panretinal photocoagulation and perfluoropropane/air mixture in vitreoretinal surgery for proliferative vitreoretinopathy. Fisher Y, et al. **Dev Ophthalmol** 1985;11:194–9

Disturbances of ocular motility after retinal detachment surgery. Peduzzi M, et al. **Doc Ophthalmol** 1984 Aug 15; 58(1):115–8

Early intervention aids vision–impaired infants [news] Cole H. **JAMA** 1985 Aug 2;254(5):595

Argon laser photocoagulation in the management of retinal detachment and predisposing lesions. Gratton I, et al. **Lasers Surg Med** 1984;4(4):337–44

Postoperative subretinal neovascular membrane at the drain site of a scleral buckle. Holland PM. **Ophthalmic Surg** 1985 Mar;16(3):174–7

The use of the Mayfield headrest to perform retinal surgery in the prone position. Schwartz PL, et al. **Ophthalmic Surg** 1984 Sep;15(9):746–8

Preoperative antibiotic soaking of silicone sponges. Does it make a difference? Arribas NP, et al. **Ophthalmology** 1984 Dec;91(12):1684–9

Perfluorocarbon gases in vitreous surgery. Chang S, et al. **Ophthalmology** 1985 May;92(5):651–6

Retinal detachment following the acute retinal necrosis syndrome. Clarkson JG, et al. **Ophthalmology** 1984 Dec; 91(12):1665–8

Healing of photocoagulation lesions affects the rate of subretinal fluid resorption. Negi A, et al. **Ophthalmology** 1984 Dec;91(12):1678–83

Severe proliferative vitreoretinopathy and retinal detachment. II. Surgical results with scleral buckling. Yoshida A, et al. **Ophthalmology** 1984 Dec;91(12):1538–43

Treatment of idiopathic exudative retinal detachment. de Bustros S, et al. **Retina** 1984 Summer–Fall;4(3):158–62

Retinal angiomatous mass. A complication of retinal detachment surgery. Gottlieb F, et al. **Retina** 1984 Summer–Fall;4(3):152–7

Treatment of retinal detachments due to macular holes. Harris MJ, et al. **Retina** 1984 Summer–Fall;4(3):144–7

Intraocular tamponade and surface tension. de Juan E Jr, et al. **Surv Ophthalmol** 1985 Jul–Aug;30(1):47–51

Treatment of rhegmatogenous retinal detachment uncomplicated by massive periretinal proliferation by pars plana vitrectomy. Billington BM, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 2):120–2

[Factors influencing absorption of subretinal fluid after explant buckling] Shi DX. **Chung Hua Yen Ko Tsa Chih** 1984 Mar;20(2):84–6 **(Chi)**

[Preserved sclera as buckling material for the treatment of retinal detachment––report of 53 cases] Yang PL. **Chung Hua Yen Ko Tsa Chih** 1984 Mar;20(2):81–3 **(Chi)**

[Elimination of implants as complications of surgery of retinal detachments] Karel I, et al. **Cesk Oftalmol** 1985 Mar; 41(2):95–100 (Eng. Abstr.) **(Cze)**

[Control of systemic blood pressure changes during surgery for retinal detachment. Comparison of neuroleptanalgesia with or without enflurane] Qui C, et al. **Agressologie** 1984 Jun;25(7):849–52 (Eng. Abstr.) **(Fre)**

[Occlusion of the posterior ciliary arteries after surgery for retinal detachment] Brancato R, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:258–60 **(Fre)**

[Cataract after vitrectomy through the pars plana and silicone oil injection] De Molfetta V, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:164–6 **(Fre)**

[Choroidal detachment after surgery for retinal detachment] Mondon H, et al. **Bull Mem Soc Fr Ophtalmol** 1985; 96:206–10 **(Fre)**

[Athermic procedure in the surgical treatment of retinal detachment? Concept of minimal retinopexy] Vallat M, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:424–7 **(Fre)**

[Microsurgery of retinal detachment in aphakic patients] Bonnet M, et al. **Bull Soc Ophtalmol Fr** 1983 Nov; 83(11):1291–5 **(Fre)**

[Technic for unrolling the flap in giant tears of the retina] Detré J, et al. **Bull Soc Ophtalmol Fr** 1984 Aug–Sep; 84(8–9):1029–31 **(Fre)**

[Preoperative anatomic prognosis of retinal detachment] Lubeth M, et al. **Bull Soc Ophtalmol Fr** 1983 Oct; 83(10):1139–52 (Eng. Abstr.) **(Fre)**

[Combined use of vitrectomy and injection of sulfur hexafluoride in complicated retinal detachment] Mathis A, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):649–53 **(Fre)**

[Intraocular injection of sulfur hexafluoride in the surgery of noncomplicated retinal detachment] Mathis A, et al. **Bull Soc Ophtalmol Fr** 1984 Aug–Sep;84(8–9):937–9 **(Fre)**

[Treatment of retinal detachment by silicone implant and banding. First results in 199 records analyzed by computer] Ravault MP, et al. **Bull Soc Ophtalmol Fr** 1984 Feb; 84(2):165–9 (Eng. Abstr.) **(Fre)**

[Surgical treatment of retinal detachment with macular tear using vitrectomy followed by air–serum exchange] Vallat M, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):421–3 **(Fre)**

[Use of silicone oil for temporary tamponade in the treatment of retinal detachment with vitreoretinal retraction. 1. Short– and long–term anatomic and functional results in 110 cases] Barthelemy F, et al. **J Fr Ophtalmol** 1984; 7(4):273–7 (Eng. Abstr.) **(Fre)**

[Microsurgery of retinal detachment after perforating injury] Bonnet M. **J Fr Ophtalmol** 1984;7(12):801–6 (Eng. Abstr.) **(Fre)**

[Use of silicone oil for temporary tamponade in the treatment of retinal detachment with vitreoretinal retraction. 2. Aspects, prevention and treatment of complications] Chauvaud D, et al. **J Fr Ophtalmol** 1984;7(4):279–84 (Eng. Abstr.) **(Fre)**

[Retinal detachment: temporary internal tamponade with silicone oil after vitrectomy. Anatomic and functional results] Ruellan YM, et al. **J Fr Ophtalmol** 1985;8(2):117–24 (Eng. Abstr.) **(Fre)**

[Lens opacities following intravitreous silicone injection]

Kroll P, et al. **Fortschr Ophthalmol** 1985;82(3):235–6 (Eng. Abstr.) **(Ger)**

[Diascleral infrared coagulation of the retina?] Lund OE. **Fortschr Ophthalmol** 1984;81(5):472–3 (Eng. Abstr.) **(Ger)**

[Clinical use of a laser coagulator in detachment microsurgery] Winter R. **Fortschr Ophthalmol** 1984; 81(3):254–6 (Eng. Abstr.) **(Ger)**

[Differential light perception threshold of the visual field and ERG following operatively attached retinal detachment] Brandt F, et al. **Klin Monatsbl Augenheilkd** 1985 May; 186(5):355–7 (Eng. Abstr.) **(Ger)**

[Transscleral magnetic fixation of the retina in complicated retinal detachment. A preliminary report of our experiences] Eckardt C, et al. **Klin Monatsbl Augenheilkd** 1984 Oct;185(4):296–8 (Eng. Abstr.) **(Ger)**

[Retinal surgery: fixation of the macular seal] Karel I, et al. **Klin Monatsbl Augenheilkd** 1984 Sep;185(3):212–4 (Eng. Abstr.) **(Ger)**

[Treatment of retinal detachment with a macular hole using the Convers–Machemer method] Laqua H. **Klin Monatsbl Augenheilkd** 1985 Jan;186(1):13–7 (Eng. Abstr.) **(Ger)**

[A new instrument for the injection of silicone oil into the vitreous body] Spitznas M. **Klin Monatsbl Augenheilkd** 1984 Aug;185(2):142 (Eng. Abstr.) **(Ger)**

[Results of silicone oil injections in various stages of proliferative vitreoretinopathy] Tavakolian U, et al. **Klin Monatsbl Augenheilkd** 1985 Apr;186(4):268–71 (Eng. Abstr.) **(Ger)**

[Transport of subretinal fluid by the retinal pigment epithelium; studies on rhegmatogenous retinal detachment surgery without drainage of the subretinal fluid] Chihara E, et al. **Nippon Ganka Gakkai Zasshi** 1984 Oct; 88(10):1318–23 **(Jpn)**

[Results of closed vitrectomy for 100 consecutive cases of diabetic traction retinal detachment] Kohzuka T. **Nippon Ganka Gakkai Zasshi** 1985 Mar;89(3):418–22 (Eng. Abstr.) **(Jpn)**

[Prophylactic treatment of retinal detachment and complemental treatment of retinal detachment surgery by argon laser photocoagulation] Okinami S, et al. **Nippon Ganka Gakkai Zasshi** 1984 Oct;88(10):1311–7 (Eng. Abstr.) **(Jpn)**

[Analysis of complications of the surgical treatment of retinal detachment] Andrzejewska W, et al. **Klin Oczna** 1984 Dec; 86(12):533–5 (Eng. Abstr.) **(Pol)**

[Complications of operations for retinal detachment with and without drainage of subretinal fluid] Bartkowska–Orłowska M, et al. **Klin Oczna** 1984 Dec;86(12):557–9 (Eng. Abstr.) **(Pol)**

[Acute necrosis of the retina associated with retraction of the vitreous body. Complication of an operation for retinal detachment] Bartkowska–Orłowska M. **Klin Oczna** 1984 Dec;86(12):563–5 (Eng. Abstr.) **(Pol)**

[Intraocular hypertension as an intraoperative complication in retinal detachment] Bartkowska–Orłowska M. **Klin Oczna** 1985 Feb;87(2):61–2 (Eng. Abstr.) **(Pol)**

[Penetration of a cerclage suture into the eyeball in our cases 1979–1983] Biardzka B, et al. **Klin Oczna** 1984 Dec; 86(12):549–51 (Eng. Abstr.) **(Pol)**

[Penetration of the cerclage material into the eye after surgery––its diagnosis and prevention] Biardzka B. **Klin Oczna** 1984 Jul;86(7):313–5 (Eng. Abstr.) **(Pol)**

[Experimental studies on the usefulness of absorbable sutures used in cerclage operations. 2. Macroscopic and histological evaluation] Biardzka B. **Klin Oczna** 1984 Aug; 86(8):335–7 (Eng. Abstr.) **(Pol)**

[Experimental studies on the usefulness of absorbable sutures used in cerclage operations. 1. Clinical observations] Biardzka B. **Klin Oczna** 1984 Aug;86(8):331–3 (Eng. Abstr.) **(Pol)**

[Preoperative factors and complications of reoperation in retinal detachment] Bogacki S, et al. **Klin Oczna** 1984 Dec 86(12):543–5 (Eng. Abstr.) **(Pol)**

[Relation between preoperative factors and complications of surgical treatment of retinal detachment. 2. Postoperative complications] Bogacki S, et al. **Klin Oczna** 1984 Dec; 86(12):540–2 (Eng. Abstr.) **(Pol)**

[Relation between preoperative factors and complications of surgical treatment of retinal detachment. 1. Intraoperative complications] Bogacki S, et al. **Klin Oczna** 1984 Dec; 86(12):537–9 (Eng. Abstr.) **(Pol)**

[Effect of postoperative complications on the durability of retinal apposition] Chrzanowska–Srzednicka K, et al. **Klin Oczna** 1984 Dec;86(12):567–9 (Eng. Abstr.) **(Pol)**

[The fate of the eye after an operation for retinal detachment with non–reapposed retina] Cieślińska K, et al. **Klin Oczna** 1985 Feb;87(2):63–5 (Eng. Abstr.) **(Pol)**

[A microscope coupled with an argon laser for microsurgery of retinal detachment] Draeger J, et al. **Klin Oczna** 1985 Feb;87(2):81–2 (Eng. Abstr.) **(Pol)**

[Complications observed after cerclage of the eyeball in the surgical treatment of retinal detachment] Huszcza A, et al. **Klin Oczna** 1985 Feb;87(2):56–8 (Eng. Abstr.) **(Pol)**

[Complications of operations for retinal detachment using rubber and silicone sponge implants] Iwaszkiewicz E, et al. **Klin Oczna** 1984 Dec;86(12):555–6 (Eng. Abstr.) **(Pol)**

[Scleral buckling using silicone sponge in children and adolescents] Koraszewska–Matuszewska B, et al. **Klin Oczna** 1984 Jul;86(7):317–9 (Eng. Abstr.) **(Pol)**

[Retinal detachment in children treated in the Ophthalmological Department of the Children's Health Center] Kornacki B, et al. **Klin Oczna** 1984 Jun;86(6):263–5 (Eng. Abstr.) **(Pol)**

[The TO–01 ophthalmological thermometer for controlling the temperature of the sclera during diathermocoagulation] Mondelski S, et al. **Klin Oczna** 1985 Feb;87(2):83–4 (Eng. Abstr.) **(Pol)**

[Complications of surgical treatment of retinal detachment in forensic expert testimony] Mondelski S. **Klin Oczna** 1985 Feb;87(2):66–7 (Eng. Abstr.) **(Pol)**

[Simultaneous operation for retinal detachment and intrascleral iridencleisis for the prevention of glaucoma] Mrzygłód S. **Klin Oczna** 1984 Aug;86(8):345–6 (Eng. Abstr.) **(Pol)**

[Clinical and surgical problems of retinal detachment and retinoschisis in aphakic eyes] Mrzygłód S, et al. **Klin Oczna** 1984 Aug;86(8):343–4 (Eng. Abstr.) **(Pol)**

[Factors causing intolerance to silicone implants] Myszka–Maćkowiakowa A, et al. **Klin Oczna** 1985 Feb; 87(2):59–60 (Eng. Abstr.) **(Pol)**

[Cerclage operation in retinal detachment in aphakic eyes and in eyes with preserved lenses] Pojda SM, et al. **Klin Oczna** 1984 Jun;86(6):267–8 (Eng. Abstr.) **(Pol)**

[Complications after total drainage of subretinal fluid] Stankiewicz A. **Klin Oczna** 1984 Dec;86(12):561–2 (Eng. Abstr.) **(Pol)**

[Complications of intra– and extrascleral silicone implants] Stankiewicz A, et al. **Klin Oczna** 1984 Dec;86(12):553–4 (Eng. Abstr.) **(Pol)**

[Problems of operations for retinal detachment after the age of 65] Stankiewicz A, et al. **Klin Oczna** 1985 Feb;87(2):54–5 (Eng. Abstr.) **(Pol)**

[Complications of the surgical treatment of retinal detachment. Analysis of clinical data 1977–1983] Starzycka M. **Klin Oczna** 1984 Dec;86(12):529–31 (Eng. Abstr.) **(Pol)**

[Causes of failure of the surgical treatment of retinal detachment. Analysis of 100 cases] Starzycka M, et al. **Klin Oczna** 1984 May;86(5):205–7 (Eng. Abstr.) **(Pol)**

[Results of the surgical treatment of retinal detachment in aphakic eyes] Starzycka M, et al. **Klin Oczna** 1984 May; 86(5):201–3 (Eng. Abstr.) **(Pol)**

[Complications of cerclage of the eyeball] Szwarcowa C, et al. **Klin Oczna** 1984 Dec;86(12):547–8 (Eng. Abstr.) **(Pol)**

[Surgical treatment of idiopathic retinal detachment by temporary balloon scleral buckling] Walther A, et al. **Klin Oczna** 1985 Feb;87(2):71–2 (Eng. Abstr.) **(Pol)**

[Cerclage with a silicone band as the method of choice in the treatment of severe forms of retinal detachment] Zygulska–Machowa H, et al. **Klin Oczna** 1985 Feb; 87(2):73–5 (Eng. Abstr.) **(Pol)**

[Combination of surgical procedures in treating retinal detachment––the results] Popescu MP, et al. **Rev Chir [Oftalmol]** 1984 Oct–Dec;28(4):295–8 (Eng. Abstr.) **(Rum)**

[Role of vitrectomy in the treatment of traumatic retinal detachment associated with hemophthalmos] Fedorov SN, et al. **Oftalmol Zh** 1985;(1):4–7 (Eng. Abstr.) **(Rus)**

[2 cases of successful treatment of patients with non–perforated retinal detachment] Kargashin LV, et al. **Oftalmol Zh** 1985;(1):58–60 **(Rus)**

[Surgical tactics in the treatment of retinal detachment with tears in the central zone] Zakharov VD, et al. **Oftalmol Zh** 1984;(6):353–6 (Eng. Abstr.) **(Rus)**

[Combined operations in retinal detachment including episcleral implantation of scleral tissue in patients with high myopia] Sergienko NM, et al. **Vestn Oftalmol** 1984 Nov–Dec;(6):30–3 (Eng. Abstr.) **(Rus)**

[Surgical characteristics of retinal detachment in patients with aphakia of various etiologies] Stepanov IuV. **Vestn Oftalmol** 1984 Sep–Oct;(5):41–4 (Eng. Abstr.) **(Rus)**

THERAPY

Temporary silicone oil tamponade in the management of retinal detachment with proliferative vitreoretinopathy. Gonvers M. **Am J Ophthalmol** 1985 Aug 15;100(2):239–45

The importance of fluid absorption, traction, intraocular currents, and chorioretinal scars in the therapy of rhegmatogenous retinal detachments. XLI Edward Jackson memorial lecture. Machemer R. **Am J Ophthalmol** 1984 Dec 15;98(6):681–93

Electroretinographic changes after vitrectomy and intraocular tamponade. Frumar KD, et al. **Retina** 1985 Winter–Spring;5(1):16–21

Hydrogel implant for scleral buckling. Long–term observations. Tolentino FI, et al. **Retina** 1985 Winter–Spring;5(1):38–41

[Continuous internal packing with air in the treatment of certain retinal detachments] Lecoq PJ, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:161–3 **(Fre)**

[Current concepts in the diagnosis, prevention and treatment of retinal detachment] Gailloud C. **Bull Soc Ophtalmol Fr** 1984 Mar;84(3):261 **(Fre)**

[Current indications for SF6 in vitreo–retinal surgery. Preliminary report] Garcia F, et al. **Bull Soc Ophtalmol Fr** 1984 Mar;84(3):269–70, 273–4 (Eng. Abstr.) **(Fre)**

[Continuous air tamponade for the treatment of various retinal detachments] Lecoq PJ, et al. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1101–4 (Eng. Abstr.) **(Fre)**

[SF6 and vitrectomy in complex retinal detachment] Turut P, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):481–4 (Eng. Abstr.) **(Fre)**

[Silicone oil injection in the treatment of complicated retinal detachments] Heimann K, et al. **Klin Monatsbl Augenheilkd** 1984 Dec;185(6):505–8 (Eng. Abstr.) **(Ger)**

VETERINARY

Rhegmatogenous retinal detachment in Labrador retrievers. II. Proliferative vitreoretinopathy. Blair NP, et al. **Arch Ophthalmol** 1985 Jun;103(6):848–54

Rhegmatogenous retinal detachment in Labrador retrievers. I. Development of retinal tears and detachment. Blair NP, et al. **Arch Ophthalmol** 1985 Jun;103(6):842–7

Coloboma of optic nerve associated with serous maculopathy. A clinicopathologic correlative study. Lin CC, et al. **Arch Ophthalmol** 1984 Nov;102(11):1651–4

B–scan ultrasonography for the detection of space–occupying ocular masses. Miller WW, et al. **J Am Vet Med Assoc** 1985 Jul 1;187(1):66–8

RETINAL DIALYSES see **RETINAL PERFORATIONS**

RETINAL DISEASES

BLOOD

Blood oxygen, carbon dioxide and pH levels prior to diagnosis of retinopathy of prematurity. Biglan AW, et al. **J Pediatr Ophthalmol Strabismus** 1985 Mar–Apr; 22(2):44–50

CHEMICALLY INDUCED

Bilateral retinal infarction associated with high dose dopamine. Opremcak EM, et al. **Ann Ophthalmol** 1985 Feb; 17(2):141–4

Retinal manifestations of thrombotic thrombocytopenic purpura (TTP) following use of contraceptive treatment. Snir M, et al. **Ann Ophthalmol** 1985 Feb;17(2):109–12

Carbon monoxide retinopathy. Ferguson LS, et al. **Arch Ophthalmol** 1985 Jan;103(1):66–7

Ocular changes in patients undergoing long–term desferrioxamine treatment. Arden GB, et al. **Br J Ophthalmol** 1984 Dec;68(12):873–7

Electroretinogram and ocular toxicity. Hellner KA, et al. **Dev Ophthalmol** 1984;9:213–8

Daunomycin in the treatment of experimental proliferative vitreoretinopathy: retinal toxicity of intravitreal daunomycin in the rabbit. Santana M, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;221(5):210–3

Some observations on the macula of pesticide workers. Misra UK, et al. **Hum Toxicol** 1985 Mar;4(2):135–45

An epidemiological study on carbon disulfide angiopathy in a Chinese viscose rayon factory. Sugimoto K, et al. **Int Arch Occup Environ Health** 1984;54(2):127–34

Acrylamide effects on the macaque visual system. II. Retinogeniculate morphology. Eskin TA, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):317–29

Reduced toxicity of liposome–associated amphotericin B injected intravitreally in rabbits. Tremblay C, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):711–8

Talc retinopathy. Carman CR. **J Am Optom Assoc** 1985 Feb; 56(2):129–30

Crystalline retinopathy in patients taking an oral drug containing canthaxanthine. Ros AM, et al. **Photodermatol** 1985 Jun;2(3):183–5

[Toxic maculopathy caused by abuse of hydroxyquinoline derivatives? Apropos of a case] Bonnin P, et al. **Bull Soc Ophtalmol Fr** 1984 Feb;84(2):131–2, 135–6 (Eng. Abstr.) **(Fre)**

[Gold–dust maculopathy after absorption of canthaxanthine] Saraux H, et al. **Bull Soc Ophtalmol Fr** 1983 Nov; 83(11):1273–4, 1277 **(Fre)**

[Retinopathy due to canthazanthine: 2. Predisposing factors] Cortin P, et al. **Can J Ophthalmol** 1984 Aug;19(5):215–9 (Eng. Abstr.) **(Fre)**

[Ocular side effects of flumequine. 3 cases of macular involvement] Hurault de Ligny B, et al. **Therapie** 1984 Sep–Oct;39(5):595–600 (Eng. Abstr.) **(Fre)**

[Carotenoid retinopathy. I. Morphologic and functional findings] Weber U, et al. **Klin Monatsbl Augenheilkd** 1985 May;186(5):351–4 (Eng. Abstr.) **(Ger)**

[Pigmentation caused by Cordarone] Varotti C, et al. **G Ital Dermatol Venereol** 1985 May–Jun;120(3):183–6 (Eng. Abstr.) **(Ita)**

CLASSIFICATION

Retinopathy of prematurity [letter] Hindle NW. **Arch Ophthalmol** 1985 Jul;103(7):894–5

An international classification of retinopathy of prematurity. **Int Ophthalmol** 1985 Apr;8(1):3–10

The new international classification of retinopathy of prematurity [editorial] Patz A. **Int Ophthalmol** 1985 Apr; 8(1):11–2

An international classification of retinopathy of prematurity: clinical experience. Flynn JT. **Trans Am Ophthalmol Soc** 1984;82:218–38

[An international classification for retinopathies of premature infants] Tan KE, et al. **Tijdschr Kindergeneeskd** 1985 Apr; 53(2):67-9 **(Dut)**

COMPLICATIONS

Subretinal choroidal neovascularization in birdshot retinochoroidopathy. Brucker AJ, et al. **Am J Ophthalmol** 1985 Jan 15;99(1):40-4

Rubeola retinopathy and pigmented paravenous retinochoroidal atrophy. Foxman SG, et al. **Am J Ophthalmol** 1985 May 15;99(5):605-6

Retinal neovascularization and ocular toxoplasmosis. Gaynon MW, et al. **Am J Ophthalmol** 1984 Nov;98(5):585-9

Temporary silicone oil tamponade in the management of retinal detachment with proliferative vitreoretinopathy. Gonvers M. **Am J Ophthalmol** 1985 Aug 15;100(2):239-45

Binocular diplopia associated with retinal wrinkling. Bixenman WW, et al. **J Pediatr Ophthalmol Strabismus** 1984 Nov-Dec;21(6):215-9

Severe proliferative vitreoretinopathy and retinal detachment. I. Initial clinical findings. Ho PC, et al. **Ophthalmology** 1984 Dec;91(12):1531-7

Peripheral retinal detachments and retinal pigment epithelial atrophic tracts secondary to central serous pigment epitheliopathy. Yannuzzi LA, et al. **Ophthalmology** 1984 Dec;91(12):1554-72

CONGENITAL

An unusual case of congenital unilateral Coats's disease associated with morning glory optic disc anomaly. Kremer I, et al. **Br J Ophthalmol** 1985 Jan;69(1):32-7

DIAGNOSIS

Feeding intolerance following ophthalmologic examination. Hermansen MC, et al. **Am J Dis Child** 1985 Apr; 139(4):367-8

Fleck retina in Kjellin's syndrome. Farmer SG, et al. **Am J Ophthalmol** 1985 Jan 15;99(1):45-50

Fresh preparation of subretinal fluid aspirations in Coats' disease. Haik BG, et al. **Am J Ophthalmol** 1985 Aug 15; 100(2):327-8

Retinal hamartoma, acquired retinoschisis, and retinal hole. Schachat AP, et al. **Am J Ophthalmol** 1985 May 15; 99(5):604-5

Fleck retina in Kjellin's syndrome [letter] Traboulsi EI. **Am J Ophthalmol** 1985 Jun 15;99(6):738-9

Avulsed retinal veins without retinal breaks. Vine AK. **Am J Ophthalmol** 1984 Dec 15;98(6):723-7

Central serous retinopathy, the Farnsworth-Munsell 100-Hue Test, and prolactin [letter] Coppeto JR. **Arch Ophthalmol** 1985 Mar;103(3):323, 325

Punctate outer retinal toxoplasmosis. Doft BH, et al. **Arch Ophthalmol** 1985 Sep;103(9):1332-6

Differentiation between recently resolved optic neuritis and central serous retinopathy. Use of tests of visual function. Han DP, et al. **Arch Ophthalmol** 1985 Mar;103(3):394-6

Macular electroretinograms: their accuracy, specificity and implementation for clinical use. Vaegan, et al. **Aust J Ophthalmol** 1984 Nov;12(4):359-72

Visual field defects. Kinshuck D, et al. **Br J Hosp Med** 1985 Jul;34(1):21-4

Application of electrodiagnostic methods in ophthalmology. Kolder HE. **Dev Ophthalmol** 1984;9:29-39

Unusual electroretinograms. Niemeyer G. **Dev Ophthalmol** 1984;9:40-5

Vitreous fluorophotometry recordings in posterior segment disease. Cunha-Vaz JG. **Graefes Arch Clin Exp Ophthalmol** 1985;222(4-5):241-7

Visual evoked potentials in macular disease. Bass SJ, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1071-4

Pattern ERGs and visual evoked potentials in maculopathies and optic nerve diseases. Celesia GG, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):726-35

Case report: reticular degenerative retinoschisis. Simpson DE. **J Am Optom Assoc** 1985 Feb;56(2):123-5

Painful crises in sickle cell disease after fluorescein angiography [letter] Acheson R, et al. **Lancet** 1985 May 25;1(8439):1222

The use of Amsler grids in early chloroquine retinopathy. Easterbrook M. **Ophthalmology** 1984 Nov;91(11):1368-72

Computer-assisted spectral electroretinography in vitrectomy patients. Gouras P, et al. **Ophthalmology** 1985 Jan;92(1):83-90

Crystalline retinopathy. Hayasaka S, et al. **Retina** 1984 Summer-Fall;4(3):177-81

The sensitivity of Amsler grid testing in early chloroquine retinopathy. Easterbrook M. **Trans Ophthalmol Soc UK** 1985;104 (Pt 2):204-7

[Diagnostic elements in hamartoma of the retina and the pigment epithelium] Corcostegui B, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:152-9 **(Fre)**

[The electroretinographic score. Significance and application, especially for preoperative prognosis (media problems in particular] Coulon JJ. **Bull Mem Soc Fr Ophtalmol** 1985; 96:314-9 **(Fre)**

[Quantitative function analysis of retinal circulation using videoangiography] Richard G. **Fortschr Med** 1985 Apr 18; 103(15):404-6 (Eng. Abstr.) **(Ger)**

[Electroretinographic findings in perforating injuries by intraocular foreign bodies] Garve U. **Fortschr Ophthalmol** 1984;81(5):416-7 (Eng. Abstr.) **(Ger)**

[Reliability of objective determination of VEP vision in diseases of the anterior eye segment, retina and optic nerve] Petersen J, et al. **Fortschr Ophthalmol** 1984;81(5):476-9 (Eng. Abstr.) **(Ger)**

[Retinopathy of prematurity (VI)--Changing the fundus findings of ROP into the quantity evaluation] Karaki T, et al. **Nippon Ganka Gakkai Zasshi** 1985 Apr;89(4):523-7 (Eng. Abstr.) **(Jpn)**

DRUG THERAPY

The effect of triamcinolone acetonide on a refined experimental model of proliferative vitreoretinopathy. Chandler DB, et al. **Am J Ophthalmol** 1985 Jun 15; 99(6):686-90

Effects of intravitreal administration of steroids on experimental subretinal neovascularization in the subhuman primate. Ishibashi T, et al. **Arch Ophthalmol** 1985 May; 103(5):708-11

Effect of adriamycin on experimental proliferative vitreoretinopathy in the rabbit. Sunalp MA, et al. **Exp Eye Res** 1985 Jul;41(1):105-15

Healon in retinal detachment with proliferative vitreoretinopathy. Gerke E, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;221(5):241-3

Daunomycin in the treatment of experimental proliferative vitreoretinopathy. Effective doses in vitro and in vivo. Wiedemann P, et al. **Invest Ophthalmol Vis Sci** 1985 May; 26(5):719-25

Vitamin E and retinopathy of prematurity revisited [letter] Gole GA, et al. **Pediatrics** 1985 Jun;75(6):1166-7

Proliferative vitreoretinopathy and chemotherapeutic agents. Peyman GA, et al. **Surv Ophthalmol** 1985 May-Jun; 29(6):434-42 (80 ref.)

ETIOLOGY

Pituitary apoplexy, the Houssay phenomenon, and accelerated proliferative retinopathy. Petersen P, et al. **Am J Med** 1985 Sep;79(3):385-8

Recurrences and bilaterality in the multiple evanescent white-dot syndrome. Aaberg TM, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):29-37

Light-induced maculopathy from the operating microscope. Khwarg SG, et al. **Am J Ophthalmol** 1984 Nov; 98(5):628-30

Observations on the retinopathy of prematurity. Patz A. **Am J Ophthalmol** 1985 Jul 15;100(1):164-8

Retinopathy associated with acute pancreatitis. Snady-McCoy L, et al. **Am J Ophthalmol** 1985 Aug 15; 100(2):246-51

Retinopathy and systemic lupus erythematosus [letter] Coppeto JR. **Arch Ophthalmol** 1984 Dec;102(12):1748-9

Radiation retinopathy after orbital irradiation for Graves' ophthalmopathy. Kinyoun JL, et al. **Arch Ophthalmol** 1984 Oct;102(10):1473-6

The pathogenesis of ocular vascular disorders. Garner A. **Aust J Ophthalmol** 1984 Nov;12(4):401-4

Multiple cotton wool spots following bone marrow transplantation for treatment of acute lymphatic leukaemia. Gloor B, et al. **Br J Ophthalmol** 1985 May;69(5):320-5

Embolic retinopathy due to Corynebacterium minutissimum endocarditis. Herschorn BJ, et al. **Br J Ophthalmol** 1985 Jan;69(1):29-31

Evaluation of hypertension and related target organ damage by average day-time blood pressure. Pessina AC, et al. **Clin Exp Hypertens** [A] 1985;7(2-3):267-78

Carotid plaques and retinal emboli: a clinical, angiographic and morphological study. Berkovic SF, et al. **Clin Exp Neurol** 1983;19:177-82

Ocular abnormalities occurring with alopecia areata. Tosti A, et al. **Dermatologica** 1985;170(2):69-73

Retinal degeneration in experimental scrapie after intraperitoneal or subcutaneous inoculation of hamsters. Buyukmihci N, et al. **Exp Neurol** 1985 May;88(2):461-6

Retinal phototrauma during intra-ocular lens-implantation. De Laey JJ, et al. **Int Ophthalmol** 1984 Jun;7(2):109-16

Paraneoplastic retinopathy. Klingele TG, et al. **J Clin Neuro Ophthalmol** 1984 Dec;4(4):239-45

Retinopathy after irradiation and hyperbaric oxygen [letter] Ashby MA. **J R Soc Med** 1985 Jul;78(7):604-5

Retinopathy after irradiation and hyperbaric oxygen. Stanford MR. **J R Soc Med** 1984 Dec;77(12):1041-3

Retinal edema in patients with generalized primary lymphedema. Foldi E, et al. **Lymphology** 1985 Jun; 18(2):82-3

Hyperbaric oxygen and retinal vascular changes [letter] James PB. **Med J Aust** 1985 Jan 21;142(2):163-4

Retinal lesions following long bone fractures. Chuang EL, et al. **Ophthalmology** 1985 Mar;92(3):370-4

Retinal complications following YAG laser capsulotomy. Winslow RL, et al. **Ophthalmology** 1985 Jun;92(6):785-9

Eclipse retinopathy. Lloyd DF. **Papua New Guinea Med J** 1983 Jun;26(2):89-90

Reparative epiretinal fibrosis after diabetic vitrectomy. Barry PJ, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 3):285-96

Proliferative sickle retinopathy in adolescent and teenage years. Kimmel AS, et al. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter; 37(2):157-9

[Is hypertension the only pathogenic factor in the development of neuroretinopathy in dialysed patients?] Svěrák J, et al. **Cas Lek Cesk** 1985 Apr 5;124(14):420-4 (Eng. Abstr.) **(Cze)**

[A case of Coats' syndrome of an eye associated with toxoplasmic choroiditis of the other eye] Mouillac-Gambarelli N, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):615-6 **(Fre)**

[Delayed encephalitic complication of measles with maculopathy in an adult (letter)] Delangre T, et al. **Presse Med** 1985 May 4;14(18):1038-9 **(Fre)**

FAMILIAL & GENETIC

Neovascular glaucoma in a patient with X-linked juvenile retinoschisis. Hung JY, et al. **Ann Ophthalmol** 1980 Sep; 12(9):1054-5

The histopathology of familial exudative vitreoretinopathy. A report of two cases. Boldrey EE, et al. **Arch Ophthalmol** 1985 Feb;103(2):238-41

Criswick-Schepens syndrome (familial exudative vitreoretinopathy). Study of a Colombian kindred. Nicholson DH, et al. **Arch Ophthalmol** 1984 Oct; 102(10):1519-22

Familial exudative vitreoretinopathy [letter] Gole GA, et al. **Br J Ophthalmol** 1985 Jan;69(1):76

Leber's hereditary optic neuroretinopathy, a mitochondrial disease? [letter] Nikoskelainen E, et al. **Lancet** 1984 Dec 22;2(8417-18):1474

[Exudative retinopathy with dominant transmission. Report of a new pedigree] Saraux H, et al. **J Fr Ophtalmol** 1985; 8(2):155-8 (Eng. Abstr.) **(Fre)**

[Familial exudative vitreoretinopathy, rhegmatogenous retinal detachment and postoperative uveitis with massive subretinal exudation] Okubo Y, et al. **Nippon Ganka Gakkai Zasshi** 1984 Aug;88(8):1151-6 (Eng. Abstr.) **(Jpn)**

HISTORY

Nutrition classics. Science, Volume 188, 1975: Retinal degeneration associated with taurine deficiency in the cat. By K. C. Hayes, Richard E. Carey, Susan Y. Schmidt. **Nutr Rev** 1985 Mar;43(3):84-6

The eyes of Woodrow Wilson. Retinal vascular disease and George de Schweinitz. Marmor MF. **Ophthalmology** 1985 Mar;92(3):454-65

[Introduction to the 13th Retinological Symposium] Orlowski WJ. **Klin Oczna** 1984 Dec;86(12):519-28 (Eng. Abstr.) **(Pol)**

IMMUNOLOGY

Retinal vasculitis associated with HLA DR4. Brief definitive report. Wakefield D, et al. **Hum Immunol** 1985 Sep; 14(1):11-7

METABOLISM

Acute responses of rat retina after optic nerve ligation: a biochemical and histochemical study. Tsang D, et al. **Brain Res** 1985 Jun 17;336(2):289-95

Sialic acid on the surface of photoreceptors and pigment epithelium in RCS rats. Cohen D, et al. **Invest Ophthalmol Vis Sci** 1984 Nov;25(11):1342-5

Reductions in taurine secondary to photoreceptor loss in Irish setters with rod-cone dysplasia. Schmidt SY, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):679-83

An extracellular retinol-binding glycoprotein in the eyes of mutant rats with retinal dystrophy: development, localization, and biosynthesis. Gonzalez-Fernandez F, et al. **J Cell Biol** 1984 Dec;99(6):2092-8

OCCURRENCE

Changing patterns in retinopathy of prematurity. Feman SS, et al. **Ann Ophthalmol** 1984 Nov;16(11):1056-8

The incidence of idiopathic preretinal macular gliosis. Pearlstone AD. **Ann Ophthalmol** 1985 Jun;17(6):378-80

PATHOLOGY

Avascular zone in the macula in cicatricial retinopathy of prematurity. Ibayashi H, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):235-9

Vitreous aspirates from patients with proliferative vitreoretinopathy stimulate retinal pigment epithelial cell migration. Campochiaro PA, et al. **Arch Ophthalmol** 1985 Sep;103(9):1403-5

Optic nerve involvement in the acute retinal necrosis syndrome. Sergott RC, et al. **Arch Ophthalmol** 1985 Aug; 103(8):1160-2

Retinal microangiopathy and pigment epithelial lesions in subjects with normal, borderline, and decreased oral glucose tolerance. Algvere P, et al. **Br J Ophthalmol** 1985 Jun;69(6):416-9

Developmental disturbances in the hamster retina caused by a mutant of mumps virus. Löve A, et al. **Dev Neurosci** 1985;7(1):65-72

Folding of photoreceptor cell layer: a new form of retinal lesion in rat. Lai VL, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):771-4

Coats' disease: a study of 62 histologically confirmed cases. Chang MM, et al. **J Pediatr Ophthalmol Strabismus** 1984 Sep-Oct;21(5):163-8

Glial cells in culture of preretinal membrane of proliferative vitreoretinopathy. Yamashita H, et al. **Jpn J Ophthalmol** 1985;29(1):42-53

Experimental central serous chorioretinopathy. IV

Fluorescein angiography and electron microscopy during spontaneous healing process. Yoshioka H, et al. **Kurume Med J** 1984;31(2):89–99

Unilateral central retinal vein occlusion in systemic lupus erythematosus. Laroche L, et al. **Ophthalmologica** 1984; 189(3):128–9

Chronic retinopathy of prematurity. Foos RY. **Ophthalmology** 1985 Apr;92(4):563–74

Cerebral and retinal vascular changes in systemic lupus erythematosus. Graham EM, et al. **Ophthalmology** 1985 Mar;92(3):444–8

Retinal pigment epithelium decompensation. I. Clinical features and natural course. Jalkh AE, et al. **Ophthalmology** 1984 Dec;91(12):1544–8

Retinal vascular pattern in familial exudative vitreoretinopathy. Miyakubo H, et al. **Ophthalmology** 1984 Dec;91(12):1524–30

The natural history of active retinopathy of prematurity. Tasman W. **Ophthalmology** 1984 Dec;91(12):1499–503

Models for assessing scar tissue inhibitors. van Bockxmeer FM, et al. **Retina** 1985 Winter–Spring;5(1):47–60

Scanning electron microscopy in retinal research. Borwein B. **Scan Electron Microsc** 1985;(Pt 1):279–301 (160 ref.)

[Electron microscopic and chemical studies on the pathologically altered vitreous body] Klemen UM. **Fortschr Med** 1984 Nov 29;102(44):1135–7 (Eng. Abstr.) **(Ger)**

[Ophthalmologic and pathologico–anatomic findings in cercoid lipofuscinosis] Mayer U, et al. **Fortschr Ophthalmol** 1984;81(5):436–9 (Eng. Abstr.) **(Ger)**

[Intraocular pseudotumor caused by massive gliosis of the retina––detection of glial fibrillary acidic protein] Holbach L, et al. **Klin Monatsbl Augenheilkd** 1984 Dec;185(6):518–21 (Eng. Abstr.) **(Ger)**

[Experimental studies of the tensile strength of laser adhesions] Misita V. **Klin Monatsbl Augenheilkd** 1984 Jul; 185(1):43–5 (Eng. Abstr.) **(Ger)**

[Von Hippel–Lindau syndrome] Reich H, et al. **Klin Monatsbl Augenheilkd** 1984 Jun;184(6):513–9 (Eng. Abstr.) **(Ger)**

[Central areolar choroidal dystrophy with retinal crystals] Weber U, et al. **Klin Monatsbl Augenheilkd** 1985 Feb; 186(2):124–7 (Eng. Abstr.) **(Ger)**

[Studies on experimental central serous chorioretinopathy. Fluorescein angiography and histopathology during the course of spontaneous remission] Yoshioka H, et al. **Nippon Ganka Gakkai Zasshi** 1984 May;88(5):819–28 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

A clinician's guide to electrophysiology of the retina. Stark DJ. **Aust J Ophthalmol** 1984 May;12(2):171–9

Rod-cone interactions and analysis of retinal disease. Arden GB, et al. **Br J Ophthalmol** 1985 Jun;69(6):404–15

Electroretinographic intensity–response function in retinal disease. Wu LZ, et al. **Chin Med J [Engl]** 1985 Apr; 98(4):250–6

Slow retinal potentials in diseases of the retinal pigment epithelium. Röver J, et al. **Dev Ophthalmol** 1984;9:195–203

Physiological basis and clinical application of pattern electroretinogram. Teping C, et al. **Dev Ophthalmol** 1984; 9:74–80

Main types of bull's eye maculopathy. Functional classification. Pinckers A, et al. **Doc Ophthalmol** 1984 Nov 15;58(3):257–67

Asymmetry of retinal lesions in experimental scrapie after intracerebral inoculation of hamsters. Buyukmihci N, et al. **Exp Neurol** 1985 Jan;87(1):172–6

Effects of retinal image degradation on ocular growth in cats. Nathan J, et al. **Invest Ophthalmol Vis Sci** 1984 Nov; 25(11):1300–6

Simultaneous recording of pattern electroretinogram and visual evoked responses in neuro–ophthalmologic disorders. Kaufman D, et al. **Neurology** 1985 May; 35(5):644–51

Color contrast perimetry. The spatial distribution of color defects in optic nerve and retinal diseases. Hart WM Jr, et al. **Ophthalmology** 1985 Jun;92(6):768–76

[Static quantitative examination of the central visual field with a projection perimeter] Lao YA. **Chung Hua Yen Ko Tsa Chih** 1985 May;21(3):136–41 **(Chi)**

[Drusen of the posterior pole and color vision (double color thresholds)] Vola JL, et al. **Bull Soc Ophtalmol Fr** 1984 Aug–Sep;84(8–9):927–30 (Eng. Abstr.) **(Fre)**

[Rayleigh color matches in central serous chorioretinopathy] Kitahara K, et al. **Nippon Ganka Gakkai Zasshi** 1984 Nov; 88(11):1364–8 (Eng. Abstr.) **(Jpn)**

PREVENTION & CONTROL

Suppression of severe retinopathy of prematurity with vitamin E supplementation. Ultrastructural mechanism of clinical efficacy. Hittner HM, et al. **Ophthalmology** 1984 Dec;91(12):1512–23

Vitamin E toxicity [letter] Sokol RJ. **Pediatrics** 1984 Oct; 74(4):564–9

[Prevention of retinopathy of premature infants with D-penicillamine] Lakatos L, et al. **Orv Hetil** 1985 Jun 9; 126(23):1391–6 (Eng. Abstr.) **(Hun)**

SURGERY

Surgical treatment of retinal detachments complicated by proliferative vitreoretinopathy. de Bustros S, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):694–9

Argon laser photocoagulation for macular edema in branch vein occlusion [letter] Miller SD. **Am J Ophthalmol** 1985 Feb 15;99(2):218–9

Results of conventional vitreous surgery for proliferative vitreoretinopathy. Sternberg P Jr, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):141–6

Irradiation of the posterior ocular segment with the neodymium–YAG laser in its free–running mode. Fankhauser F, et al. **Arch Ophthalmol** 1985 Sep; 103(9):1406–12

Macular photocoagulation study [letter] Fine SL, et al. **Arch Ophthalmol** 1984 Nov;102(11):1583

Combined vitrectomy, intraocular microsurgery and liquid silicone in the treatment of proliferative vitreoretinopathy. Cairns JD, et al. **Aust J Ophthalmol** 1984 May;12(2):133–8

Long–term follow–up of central serous chorioretinopathy. Gilbert CM, et al. **Br J Ophthalmol** 1984 Nov;68(11):815–20

Retinal detachment with proliferative vitreoretinopathy: surgical results with scleral buckling, closed vitrectomy, and intravitreous air injection. Ho PC, et al. **Br J Ophthalmol** 1985 Aug;69(8):584–7

Round table on treatment of macular degeneration, possibilities of argon and krypton lasers. **Int Ophthalmol** 1985 Jul;8(2):83–119

A randomized clinical trial of feeder vessel photocoagulation of proliferative sickle cell retinopathy. II. Update and analysis of risk factors. Condon P, et al. **Ophthalmology** 1984 Dec;91(12):1496–8

The effect of vitreous and retinal surgery on corneal endothelial cell density. Friberg TR, et al. **Ophthalmology** 1984 Oct;91(10):1166–9

Retinal pigment epithelium decompensation. II. Laser treatment. Jalkh AE, et al. **Ophthalmology** 1984 Dec; 91(12):1549–53

Vitrectomy for macular pucker. Michels RG. **Ophthalmology** 1984 Nov;91(11):1384–8

Cryotherapy for retinopathy of prematurity. A personal retrospective. Mousel DK. **Ophthalmology** 1985 Mar; 92(3):375–8

The treatment of advanced retinopathy of prematurity by cryotherapy and scleral buckling surgery. Topilow HW, et al. **Ophthalmology** 1985 Mar;92(3):379–87

Severe proliferative vitreoretinopathy and retinal detachment. II. Surgical results with scleral buckling. Yoshida A, et al. **Ophthalmology** 1984 Dec;91(12):1538–43

Ophthalmomyiasis treated by argon–laser photocoagulation. Forman AR, et al. **Retina** 1984 Summer–Fall;4(3):163–5

Laser treatment of macular disease: recurrence of subretinal neovascular membranes after treatment. Watzke RC. **Trans New Orleans Acad Ophthalmol** 1985;:256–62

Laser treatment of macular disease: patient and laser selection. Watzke RC. **Trans New Orleans Acad Ophthalmol** 1985;:140–7

Laser treatment of macular disease: procedure and follow–up. Watzke RC. **Trans New Orleans Acad Ophthalmol** 1985; :215–8

Neodynium–YAG laser vitreomembranectomy (a noninvasive technique). Kaplan S. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter; 37(2):128–31

[Surgery of epiretinal membranes on a flat retina] Haut J, et al. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1097–9 **(Fre)**

[Treatment of retinal capillary angiomas of von Hippel's disease] Bonnet M, et al. **J Fr Ophtalmol** 1984;7(8–9):545–55 (Eng. Abstr.) **(Fre)**

[Berlin dye laser] Wollensak J, et al. **Klin Monatsbl Augenheilkd** 1984 Dec;185(6):547–9 (Eng. Abstr.) **(Ger)**

THERAPY

Vitrectomy and intravitreal antiviral drug therapy in acute retinal necrosis syndrome. Report of two cases. Peyman GA, et al. **Arch Ophthalmol** 1984 Nov;102(11):1618–21

A randomised prospective study on treatment of central retinal vein occlusion by isovolaemic haemodilution and photocoagulation. Hansen LL, et al. **Br J Ophthalmol** 1985 Feb;69(2):108–16

Acupuncture of Xinming point in treatment of old central angiospastic retinopathy. Li PQ. **Chin Med J [Engl]** 1985 May;98(5):343–6

A prismatic scanning method for treating low vision patients with macular disorders [letter] Long WF, et al. **Ophthalmology** 1984 Nov;91(11):45A

VETERINARY

Molecular basis of an inherited retinal defect in Drosophila. Wong F, et al. **Invest Ophthalmol Vis Sci** 1985 Feb; 26(2):243–6

Fundus examination of the horse. Bistner S. **Vet Clin North Am [Large Anim Pract]** 1984 Nov; 6(3):541–51 (44 ref.)

RETINAL GANGLION CELLS see under **RETINA**

RETINAL HEMORRHAGE

Solitary intraretinal macular hemorrhage. Messmer EP, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;222(1):9–12

CHEMICALLY INDUCED

Retinal hemorrhages in the newborn following labor induced by oxytocin or dinoprostone. Schoenfeld A, et al. **Arch Ophthalmol** 1985 Jul;103(7):932–4

COMPLICATIONS

Hemorrhagic detachment of the peripheral retinal pigment epithelium. Potter JW, et al. **Am J Optom Physiol Opt** 1985 Mar;62(3):161–4

Ischaemic optic neuropathy and retinopathy associated with acute pancreatitis. Smith WG, et al. **Scott Med J** 1985 Jan; 30(1):46–7

DIAGNOSIS

[Prognostic value of ERG, ultrasound and VEP in vitreous body hemorrhage] Bach M, et al. **Fortschr Ophthalmol** 1984;81(3):274–6 (Eng. Abstr.) **(Ger)**

[Contusion injuries of the posterior eye segment] Wessing A, et al. **Fortschr Ophthalmol** 1984;81(5):395–400 (Eng. Abstr.) **(Ger)**

[Posterior eye changes in pregnancy. Retinal punctate hemorrhage, a specific sign of EPH gestosis?] Huismans H. **Klin Monatsbl Augenheilkd** 1984 Aug;185(2):138–41 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

[Treatment of traumatic vitreal hemorrhages in Rh–positive patients with intravitreal injection of anti–Rh antibodies] Morawiecki J. **Fortschr Ophthalmol** 1984;81(3):265–6 (Eng. Abstr.) **(Ger)**

ETIOLOGY

The significance of retinal hemorrhage in cerebral malaria [letter] Davis MW. **Am J Trop Med Hyg** 1984 Nov; 33(6):1287–8

Retinal hemorrhage following anesthesia. Bolder PM, et al. **Anesthesiology** 1984 Nov;61(5):595–7

Juxtapapillary subretinal hemorrhages in pseudotumor cerebri. Coppeto JR, et al. **J Clin Neuro Ophthalmol** 1985 Mar;5(1):45–53

Retinal vascular tortuosity and recurrent retinal haemorrhages in a patient with non–chromaffin paraganglioma. Grønvold Olsen E, et al. **Ophthalmologica** 1985;191(1):57–60

[Extensive retinal hemorrhage after a game of tug–of–war (Valsalva's hemorrhagic retinopathy)] Moráň M. **Cesk Oftalmol** 1984 Nov;40(6):375–80 (Eng. Abstr.) **(Cze)**

[Purtscher's traumatic angiopathy––early documentation] Lindenblatt B, et al. **Fortschr Ophthalmol** 1984;81(3):228–30 (Eng. Abstr.) **(Ger)**

PATHOLOGY

[Vitelliform disc and pseudo–hypopyon: morphologic characteristics of certain pre–retinal hemorrhages] Cordonnier M. **Bull Soc Belge Ophtalmol** 1984;209:75–80 (Eng. Abstr.) **(Fre)**

PHYSIOPATHOLOGY

Autoimmune encephalomyelitis and hemorrhagic retinal disease in neonatal, infant, juvenile, and adult monkeys. Lerner EM 2d, et al. **J Neuroimmunol** 1985 Feb–Mar; 7(5–6):299–313

SURGERY

Experiments on the absorption of argon and krypton laser by blood. Folk JC, et al. **Ophthalmology** 1985 Jan; 92(1):100–8

Diabetic dense premacular hemorrhage. A possible indication for prompt vitrectomy. O'Hanley GP, et al. **Ophthalmology** 1985 Apr;92(4):507–11

[Vitrectomy in Terson syndrome] Turss R. **Fortschr Ophthalmol** 1984;81(3):257–9 (Eng. Abstr.) **(Ger)**

RETINAL HOLES see **RETINAL PERFORATIONS**

RETINAL PERFORATIONS

Follow–up of macular holes. Atmaca LS. **Ann Ophthalmol** 1984 Nov;16(11):1064–5

COMPLICATIONS

Vitrectomy without scleral buckling for primary rhegmatogenous retinal detachment. Escoffery RF, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):275–81

Fluid dynamics in eyes with rhegmatogenous retinal detachments. Tsuboi S, et al. **Am J Ophthalmol** 1985 Jun 15;99(6):673–6

Iris retraction associated with rhegmatogenous retinal detachment syndrome and hypotony. A new explanation. Campbell DG. **Arch Ophthalmol** 1984 Oct;102(10):1457–63

Giant retinal tears, retinal detachment and retinitis pigmentosa. Johnston ME, et al. **Can J Ophthalmol** 1985

Feb;20(1):16–8

Treatment of retinal detachments due to macular holes. Harris MJ, et al. **Retina** 1984 Summer–Fall;4(3):144–7

[Retinal detachment in children and adolescents] Laatikainen L, et al. **Klin Monatsbl Augenheilkd** 1984 Jul;185(1):12–6 (Eng. Abstr.) **(Ger)**

[Relation between preoperative factors and complications of surgical treatment of retinal detachment. 2. Postoperative complications] Bogacki S, et al. **Klin Oczna** 1984 Dec; 86(12):540–2 (Eng. Abstr.) (Pol)

[Preoperative factors and complications of reoperation in retinal detachment] Bogacki S, et al. **Klin Oczna** 1984 Dec; 86(12):543–5 (Eng. Abstr.) **(Pol)**

CONGENITAL

Indications for vitrectomy in congenital retinoschisis. Schulman J, et al. **Br J Ophthalmol** 1985 Jul;69(7):482–6

DIAGNOSIS

[Biomicroscopic observation of macular breaks] Murakami K. **Hokkaido Igaku Zasshi** 1985 May;60(3):335–41 (Eng. Abstr.) **(Jpn)**

[Vitreous body hemorrhage as a sign of retinal tear] Kynarzewska E, et al. **Klin Oczna** 1985 Feb;87(2):79–80 (Eng. Abstr.) **(Pol)**

ETIOLOGY

Tear of the retinal pigment epithelium and serous retinal detachment. Sunakawa M, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):488–9

Retinal telangiectasia, retinoschisis and retinal detachment. Fox K. **Ann Ophthalmol** 1984 Sep;16(9):830–4

Retinal tear associated with gravity boot use. Kobet KA. **Ann Ophthalmol** 1985 May;17(5):308–10

Giant retinal tears after central vitrectomy. McLeod D. **Br J Ophthalmol** 1985 Feb;69(2):96–8

Ripping of detached retinal pigment epithelium in senile macular degeneration. De Laey JJ, et al. **Bull Soc Belge Ophtalmol** 1983;207:27–35

Rip in the pigment epithelium the day after fluorographic examination. Leys A, et al. **Bull Soc Belge Ophtalmol** 1983; 207:21–5

Traumatized eye with retinal damage from amniocentesis. Isenberg SJ, et al. **J Pediatr Ophthalmol Strabismus** 1985 Mar–Apr;22(2):65–7

Postoperative retinal breaks occurring after intravitreal silicone ,oil injection. Glaser BM, et al. **Retina** 1984 Fall–Winter;4(4):246–8

Idiopathic retinal dialysis [letter] Ross WH. **Retina** 1984 Fall–Winter;4(4):276–9

Macular hole and retinal detachment in Best's disease. Schachat AP, et al. **Retina** 1985 Winter–Spring;5(1):22–5

[Macular hole after anterior vitrectomy] Mathis A, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):663–4 **(Fre)**

[Familial exudative vitreoretinopathy, rhegmatogenous retinal detachment and postoperative uveitis with massive subretinal exudation] Okubo Y, et al. **Nippon Ganka Gakkai Zasshi** 1984 Aug;88(8):1151–6 (Eng. Abstr.) **(Jpn)**

[Penetration of a cerclage suture into the eyeball in our cases 1979–1983] Biardzka B, et al. **Klin Oczna** 1984 Dec; 86(12):549–51 (Eng. Abstr.) **(Pol)**

FAMILIAL & GENETIC

[Study of families with congenital hereditary retinoschisis] Zhang YM. **Chung Hua Yen Ko Tsa Chih** 1984 May; 20(3):174–5 **(Chi)**

PATHOLOGY

Idiopathic macular holes. Morgan CM, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):437–44

Degenerative retinoschisis with giant outer layer breaks and retinal detachment. Sulonen JM, et al. **Am J Ophthalmol** 1985 Feb 15;99(2):114–21

Rips of the retinal pigmentepithelium. Tutein Nolthenius PA, et al. **Int Ophthalmol** 1985 Apr;8(1):19–23

PHYSIOPATHOLOGY

Spatial contrast sensitivity in macular disorder. Mitra S. **Doc Ophthalmol** 1985 Apr 30;59(3):247–67

SURGERY

Retinal tacks. de Juan E Jr, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):272–4

Postoperative positioning with a circular electric bed for a giant retinal tear in a retarded patient [letter] Meyers SM, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):816–7

Surgical treatment of giant retinal tears with inverted posterior retinal flaps. Vidaurri–Leal J, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):463–6

Panfunduscope lens for laser photocoagulation in gas-filled pseudophakic or aphakic eyes [letter] Meyers SM, et al. **Arch Ophthalmol** 1985 Aug;103(8):1109–10

Lincoff balloon catheter in the repair of posterior retinal tears [letter] Schoeffler LE. **Arch Ophthalmol** 1985 Jan; 103(1):15–6

The role of retinal cryopexy in the management of experimental perforation of the eye during strabismus surgery. Mittelman D, et al. **J Pediatr Ophthalmol Strabismus** 1984 Sep–Oct;21(5):186–9

Argon laser photocoagulation in the management of retinal detachment and predisposing lesions. Gratton I, et al. **Lasers Surg Med** 1984;4(4):337–44

The use of the Mayfield headrest to perform retinal surgery in the prone position. Schwartz PL, et al. **Ophthalmic Surg** 1984 Sep;15(9):746–8

Treatment of rhegmatogenous retinal detachment uncomplicated by massive periretinal proliferation by pars plana vitrectomy. Billington BM, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 2):120–2

[Surgery of retinal dialysis] Guo XR. **Chung Hua Yen Ko Tsa Chih** 1984 Sep;20(5):296–8 **(Chi)**

[Analysis of retinal detachment due to macular holes] Pan GF. **Chung Hua Yen Ko Tsa Chih** 1984 Mar;20(2):78–80 **(Chi)**

[Preventive use of argon lasers in patients with risk of retinal detachment] Boguszaková J, et al. **Cesk Oftalmol** 1984 Sep; 40(5):272–5 (Eng. Abstr.) **(Cze)**

[Treatment of macular holes as a function of diagnostic echography] Kroll P, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:181–6 **(Fre)**

[Technic for unrolling the flap in giant tears of the retina] Detré J, et al. **Bull Soc Ophtalmol Fr** 1984 Aug–Sep; 84(8–9):1029–31 **(Fre)**

[Retinopexy by endodiathermocoagulation] Furia M, et al. **J Fr Ophtalmol** 1984;7(5):413–7 (Eng. Abstr.) **(Fre)**

[Obliteration of the posterior holes and tears of the retina by endodiathermy after vitrectomy] Ruellan YM, et al. **J Fr Ophtalmol** 1984;7(12):807–12 (Eng. Abstr.) **(Fre)**

[Retinal surgery: fixation of the macular seal] Karel I, et al. **Klin Monatsbl Augenheilkd** 1984 Sep;185(3):212–4 (Eng. Abstr.) **(Ger)**

[Treatment of retinal detachment with a macular hole using the Convers–Machemer method] Laqua H. **Klin Monatsbl Augenheilkd** 1985 Jan;186(1):13–7 (Eng. Abstr.) **(Ger)**

[Results of silicone oil injections in various stages of proliferative vitreoretinopathy] Tavakolian U, et al. **Klin Monatsbl Augenheilkd** 1985 Apr;186(4):268–71 (Eng. Abstr.) **(Ger)**

[Clinical and surgical problems of retinal detachment and retinoschisis in aphakic eyes] Mrzygłód S, et al. **Klin Oczna** 1984 Aug;86(8):343–4 (Eng. Abstr.) **(Pol)**

[Treatment of macular holes] Mihail S. **Rev Chir [Oftalmol]** 1984 Oct–Dec;28(4):271–6 (Eng. Abstr.) **(Rum)**

THERAPY

Treatment of macular hole retinal detachments with intravitreal gas [letter] Blodi CF, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):811

RETINAL PIGMENT EPITHELIUM see **PIGMENT EPITHELIUM OF EYE**

RETINAL PIGMENTS

Light–induced conformational changes in the extradiscal regions of bovine rhodopsin. Pellicone C, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):816–21

Rhodopsin–egg phosphatidylcholine reconstitution by an octyl glucoside dilution procedure. Jackson ML, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):369–76

Some properties of solubilized human rhodopsin. Crescitelli F. **Exp Eye Res** 1985 Apr;40(4):521–35

Photoinduced isochromic rearrangement in rhodopsin. Fesenko EE, et al. **Gen Physiol Biophys** 1984 Apr; 3(2):135–46

Contemporary viewpoints on pigmentary glaucoma. Eiden SB, et al. **J Am Optom Assoc** 1985 Feb;56(2):97–101

Sensory and energy transduction. Light–activated retinal proteins [news] Stryer L. **Nature** 1984 Dec 6–12; 312(5994):498–9

Two–photon spectroscopy of locked–11–cis–rhodopsin: evidence for a protonated Schiff base in a neutral protein binding site. Birge RR, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4117–21

Visual pigment biochemistry. Proceedings of the second joint meeting between the British Photobiology Society and the Association for Research in Vision and Ophthalmology. Bristol, England, 13–16 September 1983. **Vision Res** 1984; 24(11):1435–712

Some reminiscences. Dartnall HJ. **Vision Res** 1984; 24(11):1439–44

The structure of mammalian rod opsins. Findlay JB, et al. **Vision Res** 1984;24(11):1501–8

Rhodopsin's protein and carbohydrate structure: selected aspects. Hargrave PA, et al. **Vision Res** 1984;24(11):1487–99

[Unusual ocular anomaly in 9 p trisomy: retinal depigmentation] Bursztyn J, et al. **Ophthalmologica** 1985; 191(1):8–11 (Eng. Abstr.) **(Fre)**

[Study of the molecular organization of visual rhodopsin in photoreceptor membranes by limited proteolysis] Martynov VI, et al. **Bioorg Khim** 1983 Jun;9(6):734–45 (Eng. Abstr.) **(Rus)**

ANALYSIS

Serotonin and opsin immunoreactivities in the developing pineal organ of the three–spined stickleback, Gasterosteus aculeatus L. van Veen T, et al. **Cell Tissue Res** 1984; 237(3):559–64

Effects of temperature and bright light on myeloid bodies in the retinal pigment epithelium of the newt, Notophthalmus viridescens. Yorke MA, et al. **Cell Tissue Res** 1985;241(3):623–8

Lamellar to tubular conformational changes in the endoplasmic reticulum of the retinal pigment epithelium of the newt, Notophthalmus viridescens. Yorke MA, et al. **Cell Tissue Res** 1985;241(3):629–37

Blue–sensitive cones in the primate retina: microspectrophotometry of the visual pigment. Mansfield RJ, et al. **Exp Brain Res** 1984;56(2):389–94

Spatial distribution of visual pigment and dopamine in the bullfrog retina. Makino–Tasaka M, et al. **Exp Eye Res** 1985 Jun;40(6):767–78

Light–induced conformational change in rhodopsin detected by modification of G–protein binding, GTP gamma S binding and cGMP phosphodiesterase activation. Pellicone C, et al. **FEBS Lett** 1985 Feb 11;181(1):184–8

Localization of light–induced conformational changes in bovine rhodopsin. Pellicone C, et al. **FEBS Lett** 1985 Feb 11;181(1):179–83

A porphyropsin–like action spectrum from Xenopus melanophores. Lythgoe JN, et al. **Photochem Photobiol** 1984 Sep;40(3):411–2

The primary process of vision and the structure of bathorhodopsin: a mechanism for photoisomerization of polyenes. Liu RS, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):259–63

Microspectrophotometry of vertebrate photoreceptors. A brief review. Bowmaker JK. **Vision Res** 1984; 24(11):1641–50 (71 ref.)

Microspectrophotometric study of visual pigments in five species of geckos. Govardovskiĭ VI, et al. **Vision Res** 1984; 24(10):1421–3

Annual variations in the visual pigments of brown trout inhibiting lochs providing different light environments. Muntz WR, et al. **Vision Res** 1984;24(11):1575–80

Chromatographic resolution of the rod pigment from the four cone pigments of the chicken retina. Yen L, et al. **Vision Res** 1984;24(11):1555–62

[Primary structure of rhodopsin. I. Cyanogen bromide degradation peptides] Artamonov ID, et al. **Bioorg Khim** 1983 Oct;9(10):1301–16 (Eng. Abstr.) **(Rus)**

[Visual rhodopsin. III. Complete amino acid sequence and topography in a membrane] Ovchinnikov IuA, et al. **Bioorg Khim** 1983 Oct;9(10):1331–40 (Eng. Abstr.) **(Rus)**

[Primary structure of rhodopsin. II. Chymotrypsin hydrolysis peptides] Zolotarev AS, et al. **Bioorg Khim** 1983 Oct; 9(10):1317–30 (Eng. Abstr.) **(Rus)**

[Rhodopsin fluorescence in the retinal rods of the bull at −196 degrees C] Sineshchekov VA, et al. **Dokl Akad Nauk SSSR** 1985;281(6):1471–4 **(Rus)**

BIOSYNTHESIS

Regeneration of rhodopsin and isorhodopsin in rod outer segment preparations: absence of effect of solvent parameters. Lacy ME, et al. **Physiol Chem Phys Med NMR** 1984;16(4):275–81

Competition between retinal and 3–dehydroretinal for opsin in the regeneration of visual pigment. Suzuki T, et al. **Vision Res** 1985;25(2):149–54

CHEMICAL SYNTHESIS

Synthesis of the 19–functionalised visual pigment analogue Ito M, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Dec; 30(6):577–80

GENETICS

Isolation and structure of a rhodopsin gene from D melanogaster. Zuker CS, et al. **Cell** 1985 Apr;40(4):851–8

Variations of colour vision in a New World primate can be explained by polymorphism of retinal photopigments. Mollon JD, et al. **Proc R Soc Lond [Biol]** 1984 Sep 22; 222(1228):373–99

IMMUNOLOGY

Localization of binding sites for carboxyl terminal specific anti–rhodopsin monoclonal antibodies using synthetic peptides. MacKenzie D, et al. **Biochemistry** 1984 Dec 18; 23(26):6544–9

Immunoreactivity of rhodopsin and opsin. Plantner JJ, et al. **Biochim Biophys Acta** 1984 Nov 6;802(1):83–9

Monoclonal antibodies to crayfish rhodopsin. I. Biochemical characterization and cross–reactivity. de Couet HG, et al. **Eur J Cell Biol** 1985 Jul;38(1):106–12

ISOLATION & PURIFICATION

Purification of bovine rhodopsin by high–performance size–exclusion chromatography. Delucas LJ, et al. **J Chromatogr** 1984 Jul 27;296:121–8

Squid m–retinochrome. Two forms of metaretinochrome. Hara R, et al. **Vision Res** 1984;24(11):1629–40

METABOLISM

Ocular distribution of topically applied adrenaline in albino and pigmented rabbits. Urtti A, et al. **Acta Ophthalmol (Copenh)** 1984 Oct;62(5):753–62

Effects of volatile anesthetics on light–induced proton uptake of rhodopsin in bovine rod outer segment disk membrane. Mashimo T, et al. **Anesthesiology** 1984 Oct;61(4):439-43

Selectivity in rhodopsin-phospholipid interactions. Fischer TH, et al. **Arch Biochem Biophys** 1984 Nov 1; 234(2):394-404

Effect of calmodulin on the structural state of photoreceptor membranes and rhodopsin-containing phospholipid vesicles. Volotovski ID, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):517-21

Investigation of rhodopsin catalyzed G-protein GTP-binding using [35S] GTP gamma S--effects of regeneration and hydroxylamine. Cook NJ, et al. **Biochem Int** 1985 Apr;10(4):647-53

Effects of lipid environment on the light-induced conformational changes of rhodopsin. 1. Absence of metarhodopsin II production in dimyristoylphosphatidylcholine recombinant membranes. Baldwin PA, et al. **Biochemistry** 1985 May 21; 24(11):2624-32

Effects of lipid environment on the light-induced conformational changes of rhodopsin. 2. Roles of lipid chain length, unsaturation, and phase state. Baldwin PA, et al. **Biochemistry** 1985 May 21;24(11):2633-9

Biochemical properties of 9-cis- and all-trans-retinoylopsins. Calhoon RD, et al. **Biochemistry** 1985 Jun 4;24(12):3029-34

Inhibition of monoclonal antibody binding and proteolysis by light-induced phosphorylation of rhodopsin. Molday RS, et al **Biochemistry** 1985 Jan 29;24(3):776-81

Temperature and pH dependence of the metarhodopsin I-metarhodopsin II kinetics and equilibria in bovine rod disk membrane suspensions. Parkes JH, et al. **Biochemistry** 1984 Oct 9;23(21):5054-61

Light-regulated biochemical events in invertebrate photoreceptors. 2. Light-regulated phosphorylation of rhodopsin and phosphoinositides in squid photoreceptor membranes. Vandenberg CA, et al. **Biochemistry** 1984 May 22;23(11):2347-52

Reactivity with lectins of the saccharide components of rhodopsin in reconstituted membranes. Orientation of the carbohydrates. Ishiguro S, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):752-66

The primary event in vision investigated by time-resolved fluorescence spectroscopy. Doukas AG, et al. **Biophys J** 1985 Jun;47(6):795-8

Cross-linking of dark-adapted frog photoreceptor disk membranes. Evidence for monomeric rhodopsin. Downer NW. **Biophys J** 1985 Mar;47(3):285-93

Transient dichroism in photoreceptor membranes indicates that stable oligomers of rhodopsin do not form during excitation. Downer NW, et al. **Biophys J** 1985 Mar; 47(3):277-84

Computer modeling of the recombination reaction of rhodopsin. Lacy ME, et al. **Comput Biol Med** 1984; 14(4):403-10

Effect of lipid peroxidation on rhodopsin regeneration. Anderson RE, et al. **Curr Eye Res** 1985 Jan;4(1):65-71

Chiral discrimination of 5,6-epoxy-3-dehydroretinal by aporetinochrome and cattle opsin. Seki T, et al. **Eur J Biochem** 1985 Mar 1;147(2):255-62

The effect of rhodopsin phosphorylation on the light-dependent activation of phosphodiesterase from bovine rod outer segments. Arshavsky VY, et al. **FEBS Lett** 1985 Feb 25;181(2):264-6

Light-induced binding of 48-kDa protein to photoreceptor membranes is highly enhanced by phosphorylation of rhodopsin. Kühn H, et al. **FEBS Lett** 1984 Oct 29; 176(2):473-8

Density of human cone photopigments as a function of age. van Norren D, et al. **Invest Ophthalmol Vis Sci** 1985 Jul; 26(7):1014-6

The G-protein of retinal rod outer segments (transducin). Mechanism of interaction with rhodopsin and nucleotides. Bennett N, et al. **J Biol Chem** 1985 Apr 10;260(7):4156-68

Specificity of the functional interactions of the beta-adrenergic receptor and rhodopsin with guanine nucleotide regulatory proteins reconstituted in phospholipid vesicles. Cerione RA, et al. **J Biol Chem** 1985 Feb 10;260(3):1493-500

Chemical probing of the light-induced interaction between rhodopsin and G-protein. Near-infrared light-scattering and sulfhydryl modifications. Hofmann KP, et al. **J Biol Chem** 1985 Jul 5;260(13):7990-5

Models for transmitter activation process in retinal rod outer segments to flash stimuli. Ichikawa K. **Neurosci Res** 1985 Jun;2(5):349-64

Energy storage in the primary photoreaction of bovine rhodopsin. A photoacoustic study. Boucher F, et al. **Photochem Photobiol** 1985 Apr;41(4):459-65

Dynamic processes of visual transduction. Applebury ML. **Vision Res** 1984;24(11):1445-54

The gecko visual pigment: the dark exchange of chromophore. Crescitelli F. **Vision Res** 1984;24(11):1551-3

Kinetic studies on the formation and decay of metarhodopsins from bovine retinas. King PJ, et al. **Vision Res** 1984; 24(11):1471-5

Evidence for a common BATHO-intermediate in the bleaching of rhodopsin and isorhodopsin. Kliger DS, et al. **Vision Res** 1984;24(11):1465-70

Phosphorylation at sites near rhodopsin's carboxyl-terminus regulates light initiated cGMP hydrolysis. Miller JL, et al. **Vision Res** 1984;24(11):1509-21

Suitability of retinol, retinal and retinyl palmitate for the regeneration of bleached rhodopsin in the isolated frog retina. Nöll GN. **Vision Res** 1984;24(11):1615-22

Rhodopsin photoproducts and the visual response of vertebrate rods. Pepperberg DR, et al. **Vision Res** 1984; 24(11):1481-6

Primary intermediates of rhodopsin studied by low temperature spectrophotometry and laser photolysis. Bathorhodopsin, hypsorhodopsin and photorhodopsin. Yoshizawa T, et al. **Vision Res** 1984;24(11):1455-63 (58 ref.)

[Identification of the so-called 48 K protein that interacts with illuminated rhodopsin in retinal rods, and the retinal S antigen, inductor of experimental autoimmune uveoretinitis] Pfister C, et al. **C R Acad Sci [III]** 1984; 299(8):261-5 (Eng. Abstr.) **(Fre)**

[Heat denaturation of opsin in warm-blooded animals as a possible mechanism of light-induced retinal damage] Berman AL, et al. **Biull Eksp Biol Med** 1984 Oct; 98(10):396-8 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

The effect of rhodopsin phosphorylation on the light-dependent activation of phosphodiesterase from bovine rod outer segments. Arshavsky VY, et al. **FEBS Lett** 1985 Feb 25;181(2):264-6

Effects of guanyl nucleotides and rhodopsin on ADP-ribosylation of the inhibitory GTP-binding component of adenylate cyclase by pertussis toxin. Tsai SC, et al. **J Biol Chem** 1984 Dec 25;259(24):15320-3

GTP binding protein: properties and lack of activation by phosphorylated rhodopsin. Shichi H, et al. **Vision Res** 1984; 24(11):1523-31

[Electrochromic reactions of rhodopsin] Mazel' SM, et al. **Dokl Akad Nauk SSSR** 1984;277(3):723-5 **(Rus)**

PHYSIOLOGY

Studies on structure and function of rhodopsin by use of cyclopentatrienylidene 11-cis-locked-rhodopsin. Fukada Y, et al. **Biochemistry** 1984 Nov 20;23(24):5826-32

Activation of cGMP phosphodiesterase by purified green rod pigment from frog retina. Shinozawa T, et al. **FEBS Lett** 1984 Sep 17;175(1):87-9

The role of metarhodopsin in the generation of spontaneous quantum bumps in ultraviolet receptors of Limulus median eye. Evidence for reverse reactions into an active state. Lisman J. **J Gen Physiol** 1985 Feb;85(2):171-87

Color matching at high illuminances: the color-match-area effect and photopigment bleaching. Burns SA, et al. **J Opt Soc Am [A]** 1985 May;2(5):698-704

Bovine-like rhodopsin in algae [news] Berg HC. **Nature** 1984 Oct 25-31;311(5988):702

A rhodopsin is the functional photoreceptor for phototaxis in the unicellular eukaryote Chlamydomonas. Foster KW, et al. **Nature** 1984 Oct 25-31;311(5988):756-9

Photosensory function of retinal-protein pigments in Halobacterium halobium. Dencher NA. **Prog Clin Biol Res** 1984;164:231-6

Visual transduction: chairman's introduction. Junge W. **Prog Clin Biol Res** 1984;164:297-302

Early steps in the light-triggered activation of the cyclic GMP enzymatic pathway in rod photoreceptors. Kühn H. **Prog Clin Biol Res** 1984;164:303-11

Genetic demonstration of a sensory rhodopsin in bacteria. Spudich JL. **Prog Clin Biol Res** 1984;164:221-9

Visual pigments and the labile scotopic visual system of fish. Beatty DD. **Vision Res** 1984;24(11):1563-73 (95 ref.)

Visual pigments and environmental light. Lythgoe JN. **Vision Res** 1984;24(11):1539-50 (87 ref.)

RADIATION EFFECTS

Evidence that the long-lifetime photointermediate of s-rhodopsin is a receptor for negative phototaxis in Halobacterium halobium. Takahashi T, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):99-105

Picosecond absorption studies on rhodopsin and isorhodopsin in detergent and native membrane. Rudzki JE, et al. **Biochemistry** 1984 Aug 14;23(17):3843-8

Calcium transport by rat brain mitochondria and oxidation of 2-oxoglutarate. Bernard PA, et al. **Biochim Biophys Acta** 1984 Sep 27;766(3):549-53

Carboxyl group involvement in the meta I and meta II stages in rhodopsin bleaching. A Fourier transform infrared spectroscopic study. de Grip WJ, et al. **Biochim Biophys Acta** 1985 Aug 28;809(1):97-106

Absorbance and circular dichroism spectra of 7-cis photoproduct formed by irradiating frog rhodopsin. Azuma K, et al. **Photochem Photobiol** 1985 Feb;41(2):165-9

Chromophore of a long-lived photoproduct formed with metarhodopsin III in the isolated frog retina. Azuma M, et al. **Photochem Photobiol** 1984 Oct;40(4):495-9

On the mechanism of wavelength regulation in visual pigments. Kakitani H, et al. **Photochem Photobiol** 1985 Apr; 41(4):471-9

Proton uptake by light induced interaction between rhodopsin and G-protein. Schleicher A, et al. **Z Naturforsch [C]** 1985 May-Jun;40(5-6):400-5

RETINAL TEARS see RETINAL PERFORATIONS

RETINAL VEIN

Recurrence of periphlebitis retinae in multiple sclerosis. Engell T, et al. **Acta Ophthalmol (Copenh)** 1985 Feb; 63(1):80-2

Central retinal vein occlusions in young adults. Frucht J, et al. **Acta Ophthalmol (Copenh)** 1984 Oct;62(5):780-6

The influence of ticlopidine on the natural course of retinal vein occlusion. Houtsmuller AJ, et al. **Agents Actions [Suppl]** 1984;15:219-29

Avulsed retinal veins without retinal breaks. Vine AK. **Am J Ophthalmol** 1984 Dec 15;98(6):723-7

Treatment of the occlusion of the central retinal vein by section of the posterior ring. Arciniegas A. **Ann Ophthalmol** 1984 Nov;16(11):1081-6

Central retinal vein occlusion in a case of arteriovenous communication of the retina. Zylbermann R, et al. **Ann Ophthalmol** 1984 Sep;16(9):825-8

Retinal branch vein occlusion. Shorb SR. **Ariz Med** 1985 Mar;42(3):165-7

Medical conditions underlying recurrence of retinal vein occlusion. Dodson PM, et al. **Br J Ophthalmol** 1985 Jul; 69(7):493-6

A randomised prospective study on treatment of central retinal vein occlusion by isovolaemic haemodilution and photocoagulation. Hansen LL, et al. **Br J Ophthalmol** 1985 Feb;69(2):108-16

Optic disc drusen and central vein occlusion. ten Doesschate MJ, et al. **Doc Ophthalmol** 1985 Jan 31;59(1):27-31

Central retinal vein thrombosis in hemodialysis patients. Pahl MV, et al. **Int J Artif Organs** 1984 Sep;7(5):275-6

Central retinal vein obstruction and carotid artery disease. Brown GC, et al. **Ophthalmology** 1984 Dec;91(12):1627-33

Characteristics of the hemispheric retinal vein occlusion. Sanborn GE, et al. **Ophthalmology** 1984 Dec; 91(12):1616-26

Underlying medical conditions in young patients and ethnic differences in retinal vein occlusion. Dodson PM, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 2):114-9

Central retinal vein obstruction in the young adult. Magargal LE, et al. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter;37(2):148-53

Hemispheric retinal vein obstruction. Magargal LE, et al. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter; 37(2):143-7

[Retinal vein occlusion treated by bian zheng bian bing] Lu MM. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):601-3, 579 (Eng. Abstr.) **(Chi)**

[The efficiency and mechanism of the huo xue hua yu method in treating retinal vein occlusion--observations on peripheral microcirculation] Xu JY, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):97-9, 111, 68 (Eng. Abstr.) **(Chi)**

[Unfavorable prognostic elements in occlusions of the central retinal vein of the edematous type] Chaine G, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:403-6 **(Fre)**

[Computerization of a card-index of central retinal vein occlusion] Chaine G, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1279-80, 1283-4 **(Fre)**

[Neovascular glaucoma caused by branch vein occlusion and deficiency of carotid-encephalic circulation: pathogenetic correlation] Lodato G, et al. **J Fr Ophtalmol** 1984; 7(10):615-21 (Eng. Abstr.) **(Fre)**

[Results and indications for drug therapy in arterial and venous vascular occlusions of the retina due to erythrosclerosis] Gallasch G. **Fortschr Ophthalmol** 1985; 82(1):102-4 (Eng. Abstr.) **(Ger)**

[Results and suggested indications for hemodilution in arterial and venous vascular occlusions of the retina] Gallasch G. **Fortschr Ophthalmol** 1984;81(4):349-52 (Eng. Abstr.) **(Ger)**

[Isovolemic hemodilution in patients with retinal branch vein occlusion] Hansen LL, et al. **Fortschr Ophthalmol** 1985; 82(3):290-2 (Eng. Abstr.) **(Ger)**

[Bilateral retinal vein occlusions and general risk factors] Darrelmann O, et al. **Klin Monatsbl Augenheilkd** 1985 Jan; 186(1):39-42 (Eng. Abstr.) **(Ger)**

[Hemorheological changes in retinal vein occlusions] Peduzzi M, et al. **Ric Clin Lab** 1985;15 Suppl 1:321-6 (Eng. Abstr.) **(Ita)**

[Terminal thrombotic glaucoma] Călugăru M, et al. **Rev Chir [Oftalmol]** 1984 Jul-Sep;28(3):181-6 (Eng. Abstr.) **(Rum)**

[Chronic retinal venous obliteration in glaucoma] Munteanu G, et al. **Rev Chir [Oftalmol]** 1984 Jul-Sep;28(3):235-40 (Eng. Abstr.) **(Rum)**

[Obstructive retinal lesions] Pop D. Popa D, et al. **Rev Chir [Oftalmol]** 1985 Apr-Jun;29(2):81-6 (Eng. Abstr.) **(Rum)**

[Allergic retinovasculitis in patients with occupational pathology caused by antibiotics (penicillin and streptomycin)] Karacharova SV. **Oftalmol Zh** 1985; (2):100-1 (Eng. Abstr.) **(Rus)**

[Circulatory disorders of the venous system of the retina and optic nerve] Miroshnikova LM, et al. **Oftalmol Zh** 1984; (7):389-92 (Eng. Abstr.) **(Rus)**

[Use of physical methods of action in a system of staged combined rehabilitative treatment of retinal phlebothrombosis] Palamarchuk GS. **Oftalmol Zh** 1984; (7):386-9 (Eng. Abstr.) **(Rus)**

[Role of the provincial office of ophthalmic endocrinology and ocular vascular pathology in treating patients with retinal venous occlusions] Tonkonog TM, et al. **Oftalmol Zh** 1984;(7):403-6 (Eng. Abstr.) **(Rus)**

RETINAL VEIN

ABNORMALITIES

Congenital retinal arteriovenous communication associated with an ipsilateral cranial dermatofibrosarcoma. Karlin K, et al. **Ann Ophthalmol** 1985 Jun;17(6):363-5

CYTOLOGY

Postnatal retinal vascular development of the puppy. Flower RW, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):957-68

DRUG EFFECTS

[Toxic phlebitis of the retina in therapy with salazosulfapyridine (Azulfidine)] Duncker G, et al. **Fortschr Ophthalmol** 1985;82(3):288-9 (Eng. Abstr.) **(Ger)**

[Studies of the retinal circulation using fluorescein dilution curve. 2. Effects of beta-adrenergic stimulator and blocker on the pigmented rabbit's eye] Matsuo T, et al. **Nippon Ganka Gakkai Zasshi** 1984 Sep;88(9):1259-65 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Periphlebitis retinae in multiple sclerosis. A histopathological study of two cases. Engell T, et al. **Acta Ophthalmol (Copenh)** 1985 Feb;63(1):83-8

Unilateral central retinal vein occlusion in systemic lupus erythematosus. Laroche L, et al. **Ophthalmologica** 1984; 189(3):128-9

[The optico-ciliary vein] Song GX. **Chung Hua Yen Ko Tsa Chih** 1985 May;21(3):129-32 **(Chi)**

[Fluorescein angiography and its prognostic significance in central retinal vein occlusion] Zhang HR. **Chung Hua Yen Ko Tsa Chih** 1985 Mar;21(2):102-7 **(Chi)**

[Incomplete central vein occlusion. A clinicopathologic case report] Lücke A, et al. **Ophthalmologica** 1985;190(1):53-60 (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

A morphologic and autoradiographic study of cell death and regeneration in the retinal microvasculature of normal and diabetic rats. Sharma NK, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):51-60

RETINAL VESSELS

see related
FLUORESCEIN ANGIOGRAPHY

Aplastic anemia simulating central retinal vein occlusion. Mansour AM. **Am J Ophthalmol** 1985 Sep 15;100(3):478-9

Laser treatment for retinal vascular diseases. Morse PH. **Ann Ophthalmol** 1985 Feb;17(2):156-62

Clinical photocoagulation with the organic dye laser. A preliminary communication. L'Esperance FA Jr. **Arch Ophthalmol** 1985 Sep;103(9):1312-6

The pathogenesis of ocular vascular disorders. Garner A. **Aust J Ophthalmol** 1984 Nov;12(4):401-4

Lipaemia retinalis in a 29-day-old infant with type 1 hyperlipoproteinaemia. Hayasaka S, et al. **Br J Ophthalmol** 1985 Apr;69(4):280-2

Chronic ocular ischaemia [letter] Hayreh SS. **Br J Ophthalmol** 1985 Aug;69(8):633-4

Subretinal neovascularisation in eyes with localised inferior posterior staphylomas. Tsuboi S, et al. **Br J Ophthalmol** 1984 Dec;68(12):869-72

Alpha 1 antitrypsin serum levels and phenotypes in patients with retinal vasculitis. Wakefield D, et al. **Br J Ophthalmol** 1985 Jul;69(7):497-9

Quantitative television fluoroangiography--the optical measurement of dye concentrations and estimation of retinal blood flow. Greene M, et al. **IEEE Trans Biomed Eng** 1985 Jun;32(6):402-6

Estimation of the permeability of the blood-retinal barrier in normal individuals. Oguro Y, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):969-76

Unusual association of Eales disease with multifocal neurological deficit. Alfieri G, et al. **Ital J Neurol Sci** 1984 Dec;5(4):461-2

Occlusive retinal vascular disease in systemic lupus erythematosus. Hall S, et al. **J Rheumatol** 1984 Dec; 11(6):846-50

Effects of aldose reductase inhibitor on retinal microangiopathy in streptozotocin-diabetic rats. Kojima K, et al. **Jpn J Ophthalmol** 1985;29(1):99-109

A microangiopathic syndrome of encephalopathy, hearing loss, and retinal arteriolar occlusions. Monteiro ML, et al. **Neurology** 1985 Aug;35(8):1113-21

Retinal vascular tortuosity and recurrent retinal haemorrhages in a patient with non-chromaffin paraganglioma. Grønvold Olsen E, et al. **Ophthalmologica** 1985;191(1):57-60

Fluorescein angiography in inflammation of the peripheral fundus: the normal fluorescein angiographic pattern. I. Zenker HJ. **Ophthalmologica** 1985;190(2):77-82

Intraretinal neovascularization in diabetic retinopathy. Muraoka K, et al. **Ophthalmology** 1984 Dec;91(12):1440-6

Distribution of capillary nonperfusion in early-stage diabetic retinopathy. Niki T, et al. **Ophthalmology** 1984 Dec; 91(12):1431-9

Subfoveal and juxtafoveal subretinal neovascularization in the presumed ocular histoplasmosis syndrome. Visual prognosis. Olk RJ, et al. **Ophthalmology** 1984 Dec; 91(12):1592-602

Atypical syphilitic chorioretinitis and vasculitis. Morgan CM, et al. **Retina** 1984 Fall-Winter;4(4):225-31

[Use of angioprotective agents in ophthalmology] Boguszaková J, et al. **Cesk Oftalmol** 1985 Mar;41(2):111-3 **(Cze)**

[Ocular involvement in minor beta-thalassemia] Augustin P, et al. **Bull Soc Ophtalmol Fr** 1984 Mar;84(3):323-7 (Eng. Abstr.) **(Fre)**

[Vascular occlusion in focusing chorioretinitis] Castier P, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):491-2 (Eng. Abstr.) **(Fre)**

[Idiopathic macular retinoschisis in the young subject associated with preretinal and prepapillary neovessels] Brancato R, et al. **J Fr Ophtalmol** 1984;7(11):685-8 (Eng. Abstr.) **(Fre)**

[Retinal vasculitis in lupic disease] Brissaud P, et al. **Rev Med Interne** 1985 Jan;6(1):36-40 (Eng. Abstr.) **(Fre)**

[Quantitative function analysis of retinal circulation using videoangiography] Richard G. **Fortschr Med** 1985 Apr 18; 103(15):404-6 (Eng. Abstr.) **(Ger)**

[Purtscher's traumatic angiopathy--early documentation] Lindenblatt B, et al. **Fortschr Ophthalmol** 1984;81(3):228-30 (Eng. Abstr.) **(Ger)**

[Television fluorescence angiography and image analysis: clinical use with a case example] Körber N, et al. **Klin Monatsbl Augenheilkd** 1985 Feb;186(2):117-20 (Eng. Abstr.) **(Ger)**

[Combined therapy of acute obstruction of the vessels of the retina and optic nerves] Eremenko AI, et al. **Oftalmol Zh** 1984;(7):392-5 (Eng. Abstr.) **(Rus)**

[Diagnostic value of fluorophotocalibrometry of retinal vessels in patients with tumors of chiasmal-sellar localization] Kolotova AI. **Oftalmol Zh** 1985;(1):30-3 (Eng. Abstr.) **(Rus)**

[Means of rendering timely emergency medical aid in acute vascular diseases of the retina and optic nerve] Oil'ganchuk VV. **Oftalmol Zh** 1984;(7):436-9 **(Rus)**

[Birdshot chorioretinopathy--a new clinical syndrome] Katsnel'son LA, et al. **Vestn Oftalmol** 1984 Sep-Oct; (5):49-51 (Eng. Abstr.) **(Rus)**

ABNORMALITIES

Retinal detachment in the morning glory anomaly. Haik BG, et al. **Ophthalmology** 1984 Dec;91(12):1638-47

Retinal telangiectasia. Noble KG, et al. **Ophthalmology** 1984 Aug;91(8):999-1001

[The Bonnet-Blanc-Dechaume syndrome. Apropos of a case associating retino-encephalic cirsoid aneurysm and nasopalatine angioma] Romanet JP, et al. **Bull Soc Ophtalmol Fr** 1984 Feb;84(2):195-8, 201-3 **(Fre)**

ANATOMY & HISTOLOGY

Electron microscopic observations on the pecten of the nighthawk (Chordeiles minor). Braekevelt CR. **Ophthalmologica** 1984;189(4):211-20

[Morphometric study of the vessels of the peripheral retina] Saracco JB, et al. **Bull Soc Ophtalmol Fr** 1984 May; 84(5):705-10 (Eng. Abstr.) **(Fre)**

[Effect of prolonged restriction of overall motor activity on the hemomicrocirculatory bed of the retina of the rabbit] Savinova LI. **Arkh Anat Gistol Embriol** 1985 Jan;88(1):71-5 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

[Therapy of retinal vascular disorders by modification of blood viscosity--a randomized double-blind study] Brunner R, et al. **Fortschr Ophthalmol** 1984;81(5):440-3 (Eng. Abstr.) **(Ger)**

[Changes in hemorheologic and physiologic coagulation parameters in different methods of therapy of retinal vascular disorders--a randomized double-blind study] Heinen A, et al. **Fortschr Ophthalmol** 1984;81(5):444-8 (Eng. Abstr.) **(Ger)**

[Reaction of the conjunctival and retinal vessels to the administration of vasodilators to patients with vascular disorders of the fundus oculi] Davydova NG, et al. **Vestn Oftalmol** 1985 May-Jun;101(3):38-40 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Inosine diphosphatase as a histochemical marker of retinal microvasculature, with special reference to transformation of microglia. Sanyal S, et al. **Cell Tissue Res** 1985; 241(2):291-7

GROWTH & DEVELOPMENT

Scanning electron microscopy of vascular casts in experimental ocular vasoproliferation. Burger PC, et al. **Scan Electron Microsc** 1984;(Pt 4):1893-8

METABOLISM

Blood-retinal barriers in juvenile diabetics in relation to early clinical manifestations, HLA-DR types, and metabolic control. Kernell A, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;222(4-5):250-3

Calculation of the permeability of the blood-retinal barrier to fluorescein. Lund-Andersen H, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;222(4-5):173-6

Measurement of blood-retinal barrier permeability: a reproducibility study in normal eyes. Chahal PS, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):977-82

Hexitol production by canine retinal microvessels. Kern TS, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):382-4

Estimation of the permeability of the blood-retinal barrier in normal individuals. Oguro Y, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):969-76

Lactate transport through the blood-retinal and the blood-brain barrier in rats. Alm A, et al. **Ophthalmic Res** 1985;17(3):181-4

PATHOLOGY

The ophthalmological findings in autosomal recessive severe juvenile arteriosclerosis. Raitta C, et al. **Acta Ophthalmol (Copenh)** 1985 Apr;63(2):175-82

Dynamics of eye fundus changes in two types of experimental brain oedema. Birndtová E, et al. **Acta Physiol Hung** 1984 64(1):41-8

Correlation of choroidal subretinal neovascularization with fluorescein angiography. Miller H, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):263-71

Avulsed retinal veins without retinal breaks [letter] Theodossiadis GP. **Am J Ophthalmol** 1985 Jun 15; 99(6):739-40

Retinal microangiopathy and pigment epithelial lesions in subjects with normal, borderline, and decreased oral glucose tolerance. Algvere P, et al. **Br J Ophthalmol** 1985 Jun;69(6):416-9

Natural history of peripheral neovascularisation in diabetic retinopathy. Turner GS, et al. **Br J Ophthalmol** 1985 Jun; 69(6):420-4

Computer-aided digitisation of fundus photographs. Sleightholm MA, et al. **Clin Phys Physiol Meas** 1984 Nov; 5(4):295-301

So-called 'acute retinal necrosis syndrome'—an acute ocular panvasculitis syndrome. Hayreh SS. **Dev Ophthalmol** 1985; 10:40-77

Morphometric analysis of retinal blood vessels in retinopathia diabetica. Fuchs U, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(2):83-7

Retinal neovascularisation arising from hyalinised blood vessels. Manschot WA, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;222(2):63-70

Peripheral retinal neovascularization in diabetes mellitus. Grabowski WM, et al. **Int Ophthalmol** 1985 Apr;8(1):43-6

Idiopathic ischemic syndromes of the retina and optic nerve and their carotid origin. Berguer R. **J Vasc Surg** 1985 Sep; 2(5):649-53

Cerebral and retinal vascular changes in systemic lupus erythematosus. Graham EM, et al. **Ophthalmology** 1985 Mar;92(3):444-8

Retinal vascular pattern in familial exudative vitreoretinopathy. Miyakubo H, et al. **Ophthalmology** 1984 Dec;91(12):1524-30

Chorioretinal and choriovitreal neovascularization after photocoagulation for proliferative diabetic retinopathy. A clinicopathologic correlation. Wallow I, et al. **Ophthalmology** 1985 Apr;92(4):523-32

[Peripheral retinal neovascularization in sarcoidosis. Apropos of a case] Bec P, et al. **Bull Soc Ophtalmol Fr** 1984 May; 84(5):681-6 **(Fre)**

[Idiopathic juxtafoveolar retinal telangiectasis in the adult] Grandon M, et al. **Bull Soc Ophtalmol Fr** 1984 May; 84(5):609-12 (Eng. Abstr.) **(Fre)**

[Acute edematous capillaropathy in insulin-dependent diabetic patients. Apropos of 2 cases] Hochart G, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):491-5 (Eng. Abstr.) **(Fre)**

[Microangiopathy and retinal dystrophy] Fiore C, et al. **J Fr Ophtalmol** 1984;7(4):305-11 (Eng. Abstr.) **(Fre)**

[Abnormal findings in the ocular fundi of colony-born cynomolgus monkeys] Suzuki MT, et al. **Jikken Dobutsu** 1985 Apr;34(2):131-40 (Eng. Abstr.) **(Jpn)**

[Clinical studies on macular changes in diabetic retinopathy. Part 3. Studies on pathology of retinal capillary beds in and around the macula in diabetic retinopathy] Sato Y, et al. **Nippon Ganka Gakkai Zasshi** 1984 Jul;88(7):1084-92 (Eng. Abstr.) **(Jpn)**

[Correlation between the severity of atherosclerosis of cerebral, coronary and retinal vessels] Drobinskii AD, et al. **Zh Nevropatol Psikhiatr** 1985;85(3):348-50 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

The effect of pH on the transfer of fluorescein across the blood-retinal barrier. Blair NP, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1133-9

Blood velocity and volumetric flow rate in human retinal vessels. Riva CE, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1124-32

Colloidal carbon as a combined ophthalmoscopic and microscopic probe of retinal and choroidal vascular integrity. del Cerro M, et al. **Ophthalmic Res** 1985; 17(1):34-41

Retinal vascular autoregulation in conditions of hyperoxia and hypoxia using the blue field entoptic phenomenon

Fallon TJ, et al. **Ophthalmology** 1985 May;92(5):701-5

[Modification of retinal hemodynamics by induced changes in intraocular pressure: a videoangiographic study] Richard G. **Ophthalmologica** 1985;190(4):199-204 (Eng. Abstr.) **(Ger)**

[Changes in retinal hemodynamics in old age] Richard G. **Ophthalmologica** 1985;191(1):51-5 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Measurement of flow-physiologic parameters of retinal blood circulation in type 1 and 2 diabetics before and after photocoagulation. Oswald B, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(3):154-7

Angiogenic factor in human ocular fluid [letter] Baird A, et al. **Lancet** 1985 Sep 7;2(8454):563

Reversible retinal vasospasm in magnesium-treated hypertension despite no significant change in blood pressure. Cohen L, et al. **Magnesium** 1984;3(3):159-63

Improvement in the retinal circulation after superficial temporal to middle cerebral artery bypass. Standefer M, et al. **Neurosurgery** 1985 Apr;16(4):525-9

Retinal autoregulation in open-angle glaucoma. Grunwald JE, et al. **Ophthalmology** 1984 Dec;91(12):1690-4

Altered retinal vascular response to 100% oxygen breathing in diabetes mellitus. Grunwald JE, et al. **Ophthalmology** 1984 Dec;91(12):1447-52

[Proliferative retinopathy and chronic myeloid leukemia] Jouhaud F, et al. **Bull Soc Ophtalmol Fr** 1984 Mar;84(3):30[illegible]-4 (Eng. Abstr.) **(Fre)**

[Rheoophthalmographic studies in patients with diabetic retinopathy after laser coagulation] Mironova EM, et al. **Vestn Oftalmol** 1984 Nov-Dec;(6):24-7 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

The use of retinal fluorangiography techniques in the study of cerebral circulation. Menchini U, et al. **Cephalalgia** 1985 May;5 Suppl 2:59-63

SURGERY

Treatment of proliferative diabetic retinopathy with panretinal cryotherapy. Daily MJ, et al. **Ophthalmic Surg** 1984 Sep;15(9):741-5

Krypton red laser photocoagulation of subretinal neovascular membranes located within the foveal avascular zone. Decker WL, et al. **Ophthalmology** 1984 Dec;91(12):1582-6

Retinopathy risk factor regression after laser panretinal photocoagulation for proliferative diabetic retinopathy. Doft BH, et al. **Ophthalmology** 1984 Dec;91(12):1453-7

Complications of krypton red laser photocoagulation to subretinal neovascular membranes. Grabowski WM, et al. **Ophthalmology** 1984 Dec;91(12):1587-91

Xenon arc photocoagulation of proliferative diabetic retinopathy. A review of 2688 consecutive eyes in the format of the Diabetic Retinopathy Study. Okun E, et al. **Ophthalmology** 1984 Dec;91(12):1458-63

[Effect of laser therapy in diabetic retinopathy on the hemodynamics of retinal vessels] Richard G, et al. **Klin Monatsbl Augenheilkd** 1985 Feb;186(2):107-9 (Eng. Abstr.) **(Ger)**

[Possible mechanisms of the therapeutic action of laser coagulation in occlusions of the retinal vessels] Bochkareva AA, et al. **Oftalmol Zh** 1984;(7):401-3 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Subretinal neovascularization after experimental ocular histoplasmosis in a subhuman primate. Jester JV, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):252-8

Scanning electron microscopy of the ocular vasculature in retinopathy of prematurity. Fryczkowski AW, et al. **Arch Ophthalmol** 1985 Feb;103(2):224-8

RETINALDEHYDE see under **RETINOIDS**

RETINITIS

CHEMICALLY INDUCED

Hydralazine induced lupus syndrome with eye disease. Doherty M, et al. **Br Med J [Clin Res]** 1985 Mar 2;290(6469):675

COMPLICATIONS

Retinal detachment following the acute retinal necrosis syndrome. Clarkson JG, et al. **Ophthalmology** 1984 Dec;91(12):1665-8

Concurrent herpes simplex and cytomegalovirus retinitis and encephalitis in the acquired immune deficiency syndrome (AIDS). Pepose JS, et al. **Ophthalmology** 1984 Dec;91(12):1669-77

DIAGNOSIS

So-called 'acute retinal necrosis syndrome'—an acute ocular panvasculitis syndrome. Hayreh SS. **Dev Ophthalmol** 1985;10:40-77

Fluorescein angiography in inflammation of the peripheral fundus: involvement of the choroid and retina. II. Zenker HJ, et al. **Ophthalmologica** 1985;190(3):142-6

[Practical considerations of peripheral inflammation of the fundus oculi] Vasinca M, et al. **Rev Chir [Oftalmol]** 1984 Oct-Dec;28(4):253-6 (Eng. Abstr.) **(Rum)**

DRUG THERAPY

Cyclosporin A treatment for chronic uveitis associated with retinitis. Karjalainen K. **Acta Ophthalmol (Copenh)** 1984 Aug;62(4):631-5

Treatment of cytomegalovirus retinitis with 9-[2-hydroxy-1-(hydroxymethyl)ethoxymethyl]guanine. Felsenstein D, et al. **Ann Intern Med** 1985 Sep;103(3):377-80

Parenterally administered acyclovir for viral retinitis associated with AIDS [letter] Schulman JA, et al. **Arch Ophthalmol** 1984 Dec;102(12):1750

Effects of cyclosporine and other immunosuppressive drugs on experimental autoimmune uveoretinitis in rats. Mochizuki M, et al. **Invest Ophthalmol Vis Sci** 1985 Feb;26(2):226-32

ETIOLOGY

Diffuse unilateral subacute neuroretinitis. Oppenheim S, et al. **Ann Ophthalmol** 1985 Jun;17(6):336-8

Experimental autoimmune uveoretinitis in athymic rats: specific IgE response to retinal S-antigen and disease. De Kozak Y, et al. **Immunol Lett** 1985;9(2-3):109-15

Neuroretinitis in acquired syphilis. Arruga J, et al. **Ophthalmology** 1985 Feb;92(2):262-70

The acute retinal necrosis syndrome. Possible herpes simplex retinitis. Ludwig IH, et al. **Ophthalmology** 1984 Dec;91(12):1659-64

Bilateral acute retinal necrosis (BARN). Identification of the presumed infectious agent. Rungger-Brändle E, et al. **Ophthalmology** 1984 Dec;91(12):1648-58

Syphilitic retinitis. A cause of necrotizing retinitis. Mendelsohn AD, et al. **Retina** 1984 Fall-Winter;4(4):221-4

[Ophthalmoscopic manifestations observed in AIDS] Le Hoang P, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):377-80 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

Opsin-induced experimental autoimmune retinitis in rats. Broekhuyse RM, et al. **Curr Eye Res** 1984 Dec;3(12):1405-12

Adoptive transfer of experimental autoimmune uveoretinitis in rats. Immunopathogenic mechanisms and histologic features. Mochizuki M, et al. **Invest Ophthalmol Vis Sci** 1985 Jan;26(1):1-9

PARASITOLOGY

Intestinal giardiasis associated with ocular inflammation. Anderson ML, et al. **J Clin Gastroenterol** 1985 Apr;7(2):169-72

PATHOLOGY

Ultrastructural pathology of S-antigen uveoretinitis. Forrester JV, et al. **Invest Ophthalmol Vis Sci** 1985 Sep;26(9):1281-92

Immunocytologic localization of herpes simplex type 1 viral antigens in herpetic retinitis and encephalitis in an adult. Pepose JS, et al. **Ophthalmology** 1985 Jan;92(1):160-6

[Histological study of retinal necrosis due to cytomegalovirus in AIDS] Dhermy P, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):381-4 **(Fre)**

[Acute necrotizing retinitis. Apropos of 2 cases] Karsenti G, et al. **J Fr Ophtalmol** 1985;8(2):133-7 (Eng. Abstr.) **(Fre)**

PREVENTION & CONTROL

E-ferol: what happened and what now? Phelps DL. **Pediatrics** 1984 Dec;74(6):1114-6

RADIOGRAPHY

Computed tomography diagnoses of eye tumors and anomalies in early childhood and infancy. Fitz CR, et al. **Ann Radiol (Paris)** 1985;28(3-4):235-40 **(Eng, Fre)**

RETINITIS PIGMENTOSA

Retinitis pigmentosa [letter] Trick LR. **J Am Optom Assoc** 1984 Aug;55(8):556

BLOOD

Studies on retinitis pigmentosa in man. II. Erythrocyte osmotic fragility. Hussain AA, et al. **Br J Ophthalmol** 1985 Feb;69(2):126-8

Serum zinc levels in retinitis pigmentosa. Karcioglu ZA, et al. **Curr Eye Res** 1984 Aug;3(8):1043-8

CHEMICALLY INDUCED

Pigmentary retinopathy associated with low-dose thioridazine treatment [letter] Lam RW, et al. **Can Med Assoc J** 1985 Apr 1;132(7):737

CLASSIFICATION

Autosomal dominant retinitis pigmentosa. A method of classification. Fishman GA, et al. **Arch Ophthalmol** 1985 Mar;103(3):366-74

COMPLICATIONS

Neovascularization of the optic disk associated with atypical retinitis pigmentosa. Bressler NM, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):431-3

The negative coincidence of retinitis pigmentosa and proliferative diabetic retinopathy [letter] Dellaporta A. **Am J Ophthalmol** 1984 Oct 15;98(4):524

Users' and nonusers' evaluations of the CPF 550 lenses. Morrissette DL, et al. **Am J Optom Physiol Opt** 1984 Nov;61(11):704-10

Retinitis pigmentosa and retinal neovascularization: a case report. Butner RW. **Ann Ophthalmol** 1984 Sep;16(9):861, 863-5

Prevalence of posterior subcapsular lens opacities in patients with retinitis pigmentosa. Fishman GA, et al. **Br J Ophthalmol** 1985 Apr;69(4):263-6

Screening of patients with retinitis pigmentosa for heredopathia atactica polyneuritiformis (Refsum's disease). Goldman JM, et al. **Br Med J [Clin Res]** 1985 Apr 13;290(6475):1109-10

Giant retinal tears, retinal detachment and retinitis pigmentosa. Johnston ME, et al. **Can J Ophthalmol** 1985 Feb;20(1):16-8

Seven hereditary syndromes with pigmentary retinopathy. A review and differential diagnosis. Cantani A, et al. **Clin Pediatr (Phila)** 1985 Oct;24(10):578-83 (35 ref.)

A case of retinitis pigmentosa and asteroid hyalosis: diagnosis and low vision management. Yin C. **J Am Optom Assoc** 1984 Oct;55(10):773-6

Familial neuropathy with dementia, retinitis pigmentosa, and dysautonomia. Ozawa K, et al. **Neurology** 1985 Aug;35(8):1184-7

Retinitis pigmentosa associated with astrocytic hamartomas of the optic disc. Bec P, et al. **Ophthalmologica** 1984;189(3):135-8

Retinal detachment in retinitis pigmentosa. Edwards RS, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 3):315-8

[Pituitary prolactin adenoma and pigmentary retinopathy. Apropos of 2 cases] Soyeux A, et al. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1165-7 **(Fre)**

[Microangiopathy and retinal dystrophy] Fiore C, et al. **J Fr Ophtalmol** 1984;7(4):305-11 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

Bardet-Biedl syndrome. Keith CG. **Aust J Ophthalmol** 1984 May;12(2):143-8

[Dermatoglyphics in genetic eye diseases: retinal pigmentosa and congenital color blindness] Zeng LH. **Chung Hua I Hsueh Tsa Chih** 1985 Feb;65(2):71-4 (Eng. Abstr.) **(Chi)**

FAMILIAL & GENETIC

Fluorescein angiography in homozygote and carrier state of progressive retinal atrophy of the poodle; comparative aspects with human retinitis pigmentosa. Koskinen L, et al. **Acta Ophthalmol (Copenh)** 1985 Jun;63(3):297-304

Minor Xp21 chromosome deletion in a male associated with expression of Duchenne muscular dystrophy, chronic granulomatous disease, retinitis pigmentosa, and McLeod syndrome. Francke U, et al. **Am J Hum Genet** 1985 Mar;37(2):250-67

Linkage between the X-linked retinitis pigmentosa locus and the L1.28 locus. Mukai S, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):225-9

Clinical measures of visual function in familial retinitis pigmentosa. Williams TD, et al. **Am J Optom Physiol Opt** 1985 Jan;62(1):45-51

A genetic linkage study of a kindred with X-linked retinitis pigmentosa. Bhattacharya SS, et al. **Br J Ophthalmol** 1985 May;69(5):340-7

A clinical, psychophysical, and electroretinographic survey of patients with autosomal dominant retinitis pigmentosa. Lyness AL, et al. **Br J Ophthalmol** 1985 May;69(5):326-39

Mapping X-linked ophthalmic diseases: II. Linkage relationship of X-linked retinitis pigmentosa to X chromosomal short arm markers. Nussbaum RL, et al. **Hum Genet** 1985;70(1):45-50

Usher's syndrome type III: ENG findings in four affected and six unaffected siblings. Karjalainen S, et al. **J Laryngol Otol** 1985 Jan;99(1):43-8

A study of retinitis pigmentosa in the City of Birmingham. II Clinical and genetic heterogeneity. Bundey S, et al. **J Med Genet** 1984 Dec;21(6):421-8

IMMUNOLOGY

Lymphocyte subpopulations and S-antigen reactivity in retinitis pigmentosa. Hendricks RL, et al. **Arch Ophthalmol** 1985 Jan;103(1):61-5

Autoimmunity in hereditary retinal degeneration. I. Basic studies. Chant SM, et al. **Br J Ophthalmol** 1985 Jan;69(1):19-24

Immune complexes in retinitis pigmentosa. Heredia CD, et al. **Br J Ophthalmol** 1984 Nov;68(11):811-4

Class II antigen expression and gamma interferon modulation of monocytes and retinal pigment epithelial cells from patients with retinitis pigmentosa. Detrick B, et al. **Clin Immunol Immunopathol** 1985 Aug;36(2):201-11

Retinal S antigen reactivity in patients with retinitis pigmentosa and Usher's syndrome. Newsome DA, et al. **Retina** 1984 Summer-Fall;4(3):195-9

METABOLISM

Altered synthesis of Bruch's membrane proteoglycans associated with dominant retinitis pigmentosa. Hewitt AT, et al. **Curr Eye Res** 1985 Mar;4(3):169-74

Vitreous fluorophotometry studies in retinitis pigmentosa. Travassos A, et al. **Graefes Arch Clin Exp Ophthalmol** 1985; 222(4-5):237-40

Vitamin A and interstitial retinol-binding protein in an eye with recessive retinitis pigmentosa. Bridges CD, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):684-91

OCCURRENCE

A study of retinitis pigmentosa in the City of Birmingham. I Prevalence. Bundey S, et al. **J Med Genet** 1984 Dec; 21(6):417-20

PATHOLOGY

Cataract in retinitis pigmentosa. An analysis of cataract surgery results and pathological lens changes. Fagerholm PP, et al. **Acta Ophthalmol (Copenh)** 1985 Feb;63(1):50-8

Drusen [letter] Gartner S. **Arch Ophthalmol** 1985 Sep; 103(9):1283

Drusen of the optic nerve associated with retinitis pigmentosa. Puck A, et al. **Arch Ophthalmol** 1985 Feb; 103(2):231-4

Retinal changes in myotonic dystrophy: a clinicomorphological study. Sarks J, et al. **Aust N Z J Ophthalmol** 1985 Feb;13(1):19-36

Retinitis pigmentosa: a quantitative study of the apical membrane of normal and dystrophic human retinal pigment epithelial cells in tissue culture in relation to phagocytosis. Boulton M, et al. **Graefes Arch Clin Exp Ophthalmol** 1984; 221(5):214-29

Renal retinal dysplasia with diffuse glomerular cysts. Kobayashi Y, et al. **Nephron** 1985;39(3):201-5

Retinal histopathology of a carrier of X-chromosome-linked retinitis pigmentosa. Szamier RB, et al. **Ophthalmology** 1985 Feb;92(2):271-8

PHYSIOPATHOLOGY

Natural course of retinitis pigmentosa over a three-year interval. Berson EL, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):240-51

Pupillary defects in retinitis pigmentosa. Jiang MQ, et al. **Am J Ophthalmol** 1985 May 15;99(5):607-8

Autosomal dominantly inherited retinitis pigmentosa. Visual acuity loss by subtype. Farber MD, et al. **Arch Ophthalmol** 1985 Apr;103(4):524-8

SURGERY

[The results of cataract surgery in retinitis pigmentosa] Kobayashi H, et al. **Nippon Ganka Gakkai Zasshi** 1984 Jul; 88(7):1027-34 (Eng. Abstr.) **(Jpn)**

THERAPY

Amorphic lenses: a mobility aid for patients with retinitis pigmentosa. Hoeft WW, et al. **Am J Optom Physiol Opt** 1985 Feb;62(2):142-8

Do retinitis pigmentosa patients prefer red photochromic lenses? [letter] Silver JH, et al. **Ophthalmic Physiol Opt** 1985;5(1):87-9

RETINOBLASTOMA

ANALYSIS

Dual properties of cultured retinoblastoma cells: immunohistochemical characterization of neuronal and glial markers. Jiang Q, et al. **Exp Eye Res** 1984 Aug; 39(2):207-15

CHEMICALLY INDUCED

Multistage and multifactorial carcinogenesis in hereditary tumours, with special reference to retinoblastoma. Matsunaga E. **IARC Sci Publ** 1984;(56):373-83

COMPLICATIONS

Scleral buckling for retinal detachment in patients with retinoblastoma. Buzney SM, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):473-7

Diffuse infiltrating retinoblastoma associated with persistent primary vitreous. Liang JC, et al. **J Pediatr Ophthalmol Strabismus** 1985 Jan-Feb;22(1):31-3

Retinoblastoma, eosinophilic granuloma, and malignant melanoma: a case report. Casson AG, et al. **Med Pediatr Oncol** 1984;12(5):347-8

DIAGNOSIS

First symptoms in retinoblastoma. De Sutter E, et al. **Bull Soc Belge Ophtalmol** 1983;207:45-51

Retinoblastoma. Srivastava M, et al. **Indian Pediatr** 1984 Nov; 21(11):875-9

Ultrasonic evaluation of retinoblastoma. Verma N, et al. **Jpn J Ophthalmol** 1984;28(3):223-9

Solitary astrocytic hamartoma simulating retinoblastoma. Drewe RH, et al. **Ophthalmologica** 1985;190(3):158-67

Contribution of echography to the diagnosis of retinoblastoma: a homogeneous B-scan study. Poujol J, et al. **Ultrasound Med Biol** 1985 Jan-Feb;11(1):171-5

Differential diagnosis of intraocular neoplasms with ultrasonography. Verbeek AM. **Ultrasound Med Biol** 1985 Jan-Feb;11(1):163-70

[Retinoblastoma--clinical diagnostic errors] Hamburg A. **Klin Monatsbl Augenheilkd** 1984 Aug;185(2):95-9 (Eng. Abstr.) **(Ger)**

[New methods in the diagnosis of retinoblastoma] Szreterowa M, et al. **Klin Oczna** 1984 Jul;86(7):293-5 (Eng. Abstr.) **(Pol)**

ENZYMOLOGY

Characteristics of protein tyrosine kinase activities of Y-79 retinoblastoma cells and retina. Gentleman S, et al. **Arch Biochem Biophys** 1985 May 15;239(1):130-6

Enolase distribution in human brain tumors, retinoblastomas and pituitary adenomas. Nakajima T, et al. **Brain Res** 1984 Aug 13;308(2):215-22

FAMILIAL & GENETIC

Accuracy of detection of the retinoblastoma gene by esterase D linkage. Halloran SL, et al. **Arch Ophthalmol** 1985 Sep; 103(9):1329-31

Retinoblastoma and retinoma occurring in a child with a translocation and deletion of the long arm of chromosome 13. Keith CG, et al. **Arch Ophthalmol** 1985 Jul;103(7):941-4

The genetics of retinoblastoma. Sparkes RS. **Biochim Biophys Acta** 1985;780(2):95-118 (181 ref.)

Isolation of human chromosome 13-specific DNA sequences cloned from flow sorted chromosomes and potentially linked to the retinoblastoma locus. Lalande M, et al. **Cancer Genet Cytogenet** 1984 Dec;13(4):283-95

Molecular and cytologic analysis of DNA amplification in retinoblastoma. Sakai K, et al. **Cancer Genet Cytogenet** 1985 Jun;17(2):95-112

Genetic and cytogenetic studies in children with retinoblastoma. Salamanca-Gómez F, et al. **Cancer Genet Cytogenet** 1984 Oct;13(2):129-38

Cytogenetic forms of retinoblastoma: their incidence in a survey of 66 patients. Turleau C, et al. **Cancer Genet Cytogenet** 1985 Apr 15;16(4):321-34

Hereditary retinoblastoma and 13q--mosaicism. Dudin G, et al. **Cytogenet Cell Genet** 1984;38(3):235-7

Separation of retinoblastoma and esterase D loci in a patient with sporadic retinoblastoma and del(13)(q14.1q22.3). Sparkes RS, et al. **Hum Genet** 1984;68(3):258-9

A detailed analysis of chromosomal changes in heritable and non-heritable retinoblastoma. Squire J, et al. **Hum Genet** 1985;70(4):291-301

Multistage and multifactorial carcinogenesis in hereditary tumours, with special reference to retinoblastoma. Matsunaga E. **IARC Sci Publ** 1984;(56):373-83

Spontaneous regression of retinoblastoma. Dhir SP, et al. **Indian J Cancer** 1984 May-Jun;21(2):92-4

New fragile sites in a 'D' group chromosome-13 in human lymphocytes. Bamezai R. **Indian J Exp Biol** 1984 Sep; 22(9):479-81

Susceptibility of skin fibroblasts from individuals genetically predisposed to cancer, to transformation by the tumour promoter 12-O-tetradecanoylphorbol-13-acetate. Gainer HS, et al. **Int J Cancer** 1984 Sep 15;34(3):349-57

Repair of potentially lethal X-ray damage in fibroblasts derived from patients with hereditary and D-deletion retinoblastoma. Weichselbaum RR, et al. **Int J Radiat Biol** 1985 Apr;47(4):445-56

Occurrence of unilateral retinoblastoma in three generations of a Louisiana family. Haik GM Jr. **J La State Med Soc** 1984 Sep;136(9):41-4

Ultraviolet light and mitomycin C induced sister-chromatid exchanges in fibroblasts from patients with retinoblastoma. Takabayashi T, et al. **Mutat Res** 1984 Oct;141(2):101-4

Excess of cancer deaths in close relatives of patients with bilateral retinoblastoma. Tarkkanen A, et al. **Ophthalmologica** 1984;189(3):143-6

Incidence and significance of a deletion of chromosome band 13q14 in patients with retinoblastoma and in their families. Liberfarb RM, et al. **Ophthalmology** 1984 Dec; 91(12):1695-9

Osteosarcoma and retinoblastoma: a shared chromosomal mechanism revealing recessive predisposition. Hansen MF, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6216-20

Comparison studies of oncogenes in retinoblastoma and neuroblastoma. Lee WH, et al. **Prog Clin Biol Res** 1985; 175:131-9

Genetic origin of mutations predisposing to retinoblastoma. Cavenee WK, et al. **Science** 1985 Apr 26;228(4698):501-3

[Genetics of retinoblastoma in twins] Guo BK. **Chung Hua Yen Ko Tsa Chih** 1984 Jul;20(4):193-6 **(Chi)**

[Chromosome polymorphism] Cíhalová V, et al. **Bratisl Lek Listy** 1985 Jun;83(6):620-6 (Eng. Abstr.) **(Cze)**

[Genetic predisposition for cancer. Illustrated by a case of hereditary retinoblastoma] Austgulen R, et al. **Tidsskr Nor Laegeforen** 1985 Jan 30;105(3):216-8 (Eng. Abstr.) **(Nor)**

[Nonrandom karyotype changes in human retinoblastomas] Kuznetsova LE, et al. **Genetika (Moskva)** 1985 Feb; 21(2):321-6 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Retinal S antigen and retinoblastoma. A monoclonal antibody histopathologic study. Donoso LA, et al. **Arch Ophthalmol** 1985 Jun;103(6):855-7

Detection of neuroblastoma cells in human bone using a combination of monoclonal antibodies. Jonak ZL, et al. **Hybridoma** 1982;1(4):349-68

Retinal S-antigen and retinoblastoma: a monoclonal antibody and flow cytometric study. Donoso LA, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):568-71

Antigenic modulation in retinoblastoma: a flow cytometric study. Felberg NT, et al. **Invest Ophthalmol Vis Sci** 1985 Sep;26(9):1306-9

Natural killer cells kill human retinoblastoma cells. Ohashi Y, et al. **Jpn J Ophthalmol** 1984;28(4):370-6

METABOLISM

Comparative utilization of n-3 polyunsaturated fatty acids by cultured human Y-79 retinoblastoma cells. Yorek MA, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):277-85

Electrolyte imbalances in the aqueous humour in retinoblastoma. Dias PL. **Br J Ophthalmol** 1985 Jun; 69(6):462-3

Immunohistochemical evidence for preproenkephalin A synthesis in human retinoblastoma. Tarkkanen A, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1210-2

A comparison of lipid metabolism in two human retinoblastoma cell lines. Yorek MA, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1148-54

The utilization of ethanolamine and serine for ethanolamine phosphoglyceride synthesis by human Y79 retinoblastoma cells. Yorek MA, et al. **J Biol Chem** 1985 Mar 10; 260(5):2930-6

[Angiogenesis factor in intraocular tumors] Barraquer RI, et al. **Rev Esp Oncol** 1982;29(3):413-21 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Intermediate filaments in the retina and retinoblastoma. Kivelä T, et al. **Br Med J [Clin Res]** 1985 Jan 26; 290(6464):285

Low dose rate ionizing radiation induces increased growth capacities of d-deletion retinoblastoma skin fibroblasts. Diatloff-Zito C, et al. **Carcinogenesis** 1984 Oct; 5(10):1305-10

Intraocular retinoblastoma group V: an analysis of prognostic factors. Rubin CM, et al. **J Clin Oncol** 1985 May;3(5):680-5

Trilateral retinoblastoma: ocular and pineal retinoblastomas. Johnson DL, et al. **J Neurosurg** 1985 Sep;63(3):367-70

[Clinico-pathologic study of retinoblastoma] Wang YH. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):138-40 (Eng. Abstr.) **(Chi)**

[Inflammatory symptomatology in the clinical picture of retinoblastoma] Rehuřek J. **Cesk Oftalmol** 1985 Jul; 41(4):240-3 (Eng. Abstr.) **(Cze)**

[Retinoblastoma. Review of 10 necropsy cases] Callej Romero MC, et al. **Bol Med Hosp Infant Mex** 1984 Jun; 41(6):335-40 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Retinoblastoma and angiogenesis activity. Albert DM, et al. **Retina** 1984 Summer-Fall;4(3):189-94

RADIOGRAPHY

Computed tomography diagnoses of eye tumors and anomalies in early childhood and infancy. Fitz CR, et al. **Ann Radiol (Paris)** 1985;28(3-4):235-40 **(Eng. Fre)**

Pathological contrast enhancement of the subarachnoidal space in CT of a retinoblastoma case with orbital recurrence. Poppe P, et al. **J Belge Radiol** 1984; 67(5):329-31

Retinoblastoma. CT diagnosis. Char DH, et al. **Ophthalmology** 1984 Nov;91(11):1347-50

RADIOTHERAPY

Malignant fibrous histiocytoma of maxilla following radiotherapy for bilateral retinoblastoma. Nishizawa S, et al. **J Laryngol Otol** 1985 May;99(5):501-4

Treatment of retinoblastoma by precision megavoltage radiation therapy. Schipper J, et al. **Radiother Oncol** 1985 Feb;3(2):117-32

An accurate and simple method for megavoltage radiation therapy of retinoblastoma. Schipper J. **Radiother Oncol** 1983 Aug;1(1):31-41

[Conservative treatment of tumors of the retina at the Curie Institute. Long-term results of 129 cases treated with Stallard's disk and electrons] Haye C, et al. **Bull Cancer (Paris)** 1985;72(2):87-98 (Eng. Abstr.) **(Fre)**

[Bone sarcoma and malignant tumors of the retina] Schlienger P, et al. **Bull Cancer (Paris)** 1985;72(1):16-24 (Eng. Abstr.) **(Fre)**

[Radiotherapy in the combined treatment of malignant tumors of the orbit in children] Tsyplenkov VG, et al. **Med Radiol (Mosk)** 1984 Oct;29(10):31-4 (Eng. Abstr.) **(Rus)**

SECONDARY

Second nonocular tumors in retinoblastoma survivors. Are they radiation-induced? Abramson DH, et al. **Ophthalmology** 1984 Nov;91(11):1351-5

SURGERY

Treatment of retinoblastoma with argon laser photocoagulation. Masuyama Y, et al. **J Pediatr Ophthalmol Strabismus** 1984 Sep-Oct; 21(5):169-71

THERAPY

Acute non-lymphocytic leukemia following multimodality therapy for retinoblastoma. White L, et al. **Cancer** 1985 Feb 1;55(3):496-8

Treatment of retinoblastoma and choroidal melanoma. A multidisciplinary approach. van Peperzeel HA. **Int Ophthalmol** 1985 Mar;7(3-4):255-8

[Retinoblastoma: clinical and therapeutic study] Marco M, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:410-3 **(Fre)**

[Treatment results in 45 patients with retinoblastoma] Lalive d'Epinay SP. **Klin Monatsbl Augenheilkd** 1985 Mar; 186(3):200-5 (Eng. Abstr.) **(Ger)**

[Complications after treatment of retinoblastoma with radioactive cobalt and xenon photocoagulation] Zygulska-Machowa H, et al. **Klin Oczna** 1985 Feb; 87(2):68-70 (Eng. Abstr.) **(Pol)**

ULTRASTRUCTURE

Glial cell component in retinoblastoma. Craft JL, et al. **Exp Eye Res** 1985 May;40(5):647-59

Immunohistochemical demonstration of neuronal and astrocytic differentiation in retinoblastoma. Messmer EP, et al. **Ophthalmology** 1985 Jan;92(1):167-73

RETINOIC ACID see **TRETINOIN**

RETINOIDS

Interaction of aromatic retinal analogues with apopurple membranes of Halobacterium halobium. Maeda A, et al. **Biochemistry** 1984 May 22;23(11):2507-13

Vibrational analysis of the all-trans retinal protonated Schiff base. Smith SO, et al. **Biophys J** 1985 May;47(5):653-64

Retinoids, differentiation and disease. **Ciba Found Symp** 1985; 113:1-286

Conformational restrictions of the retinoid skeleton. Dawson MI, et al. **Ciba Found Symp** 1985;113:6-28

What is a retinoid? Sporn MB, et al. **Ciba Found Symp** 1985; 113:1-5 (14 ref.)

Chiral discrimination of 5,6-epoxy-3-dehydroretinal by aporetinochrome and cattle opsin. Seki T, et al. **Eur J Biochem** 1985 Mar 1;147(2):255-62

High-performance liquid chromatography of retinals, retinols (vitamin A1) and their dehydro homologues (vitamin A2): improvements in resolution and spectroscopic characterization of the stereoisomers. Zonta F, et al. **J Chromatogr** 1984 Sep 28;301(1):65-75

Determination of retinal chromophore structure in bacteriorhodopsin with resonance Raman spectroscopy. Smith SO, et al. **J Membr Biol** 1985;85(2):95-109

Epidemiology of retinoids and cancer. Graham S. **JNCI** 1984 Dec;73(6):1423-8

The gecko opsin: responses to geometric isomers of retinal and 3-dehydroretinal. Crescitelli F, et al. **Photochem Photobiol** 1985 Mar;41(3):309-16

Two-photon spectroscopy of locked-11-cis-rhodopsin: evidence for a protonated Schiff base in a neutral protein binding site. Birge RR, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4117-21

A neutron diffraction study on the location of the polyene chain of retinal in bacteriorhodopsin. Seiff F, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3227-31

Competition between retinal and 3-dehydroretinal for opsin in the regeneration of visual pigment. Suzuki T, et al. **Vision Res** 1985;25(2):149-54

[Molecular interactions in the membranes of visual photoreceptors. Study using mixed monomolecular film] Tancrède P. **Can J Biochem Cell Biol** 1984 Aug; 62(8):789-95 (Eng. Abstr.) **(Fre)**

ADMINISTRATION & DOSAGE

Microcontrolled release of biologically active compounds in chick embryos: beads of 200-microns diameter for the local release of retinoids. Eichele G, et al. **Anal Biochem** 1984 Nov 1;142(2):542-55

Effect of long-term administration of retinoids on rats exposed transplacentally to ethylnitrosourea. Grubbs CJ, et al. **Anticancer Res** 1985 Mar-Apr;5(2):205-9

Current developments of oral retinoid therapy with three generations of drugs. Non-aromatic, monoaromatic and polyaromatic retinoids (arotinoids). Orfanos CE, et al. **Curr Probl Dermatol** 1985;13:33-49 (50 ref.)

ADVERSE EFFECTS

[Quantitative structure-activity relations applied to 2 classes of inhibitors of chemical carcinogenesis] Niculescu-Duvăz I, et al. **Physiologie** 1985 Apr-Jun;22(2):135-43 **(Fre)**

ANALYSIS

QSAR application in chemical carcinogenesis. II. QSAR analysis of a class of carcinogenesis inhibitor: retinoids. Niculescu-Duvăz I, et al. **Carcinogenesis** 1985 Apr; 6(4):479-86

Gradient reversed-phase high-performance liquid chromatographic separation of naturally occurring retinoids Furr HC, et al. **J Chromatogr** 1984 Aug 10; 309(2):299-307

High-performance liquid chromatography of retinals, retinols (vitamin A1) and their dehydro homologues (vitamin A2): improvements in resolution and spectroscopic characterization of the stereoisomers. Zonta F, et al. **J Chromatogr** 1984 Sep 28;301(1):65-75

Conformationally restricted retinoids. Dawson MI, et al. **J Med Chem** 1984 Nov;27(11):1516-31

Evaluation of vitamin A and carotenoid data in food composition tables. Beecher GR, et al. **JNCI** 1984 Dec; 73(6):1397-404

Use of high-performance liquid chromatography in the analysis of retinyl and 3,4-didehydroretinyl compounds in tissue extracts of bullfrog tadpoles and goldfish. Tsin AT, et al. **Vision Res** 1984;24(12):1835-40

BIOSYNTHESIS

Nonstereospecific biosynthesis of 11-cis-retinal in the eye. Bernstein PS, et al. **Biochemistry** 1985 Jan 15;24(2):487-92

A photoproduct with 13-cis retinal generated by irradiation with violet light in the octopus retina. Ohtsu K, et al. **Vision Res** 1985;25(6):775-9

BLOOD

Determination of vitamin A, vitamin A precursors and cytoprotective carotenoids in animal and human blood. Tóth G. **Acta Physiol Hung** 1984;64(3-4):319-24

Postchallenge plasma lipoprotein retinoids: chylomicron remnants in endogenous hypertriglyceridemia. Wilson DE, et al. **Metabolism** 1985 Jun;34(6):551-8

ISOLATION & PURIFICATION

Simple high-performance liquid chromatographic method for the separation of retinoids including N-(4-hydroxyphenyl)-all-trans-retinamide. Hultin TA, et al. **J Chromatogr** 1985 May 31;341(1):187-92

METABOLISM

Clinical pharmacokinetics of the retinoids. Lucek RW, et al. **Clin Pharmacokinet** 1985 Jan-Feb;10(1):38-62 (115 ref.)

Light-dependent trans to cis isomerization of the retinal in halorhodopsin. Lanyi JK. **FEBS Lett** 1984 Oct 1; 175(2):337-42

Metabolism of retinoids by embryonal carcinoma cells. Gubler ML, et al. **J Biol Chem** 1985 Aug 15;260(17):9552-8

Pharmacokinetics of topically applied radiolabeled retinoids in hairless mouse epidermis and dermis after single applications. Connor MJ, et al. **J Invest Dermatol** 1985 Mar; 84(3):184-6

Liver retinoids and retinol esterification in fetal and pregnant rats at term. Rasmussen M, et al. **Scand J Gastroenterol** 1985 Aug;20(6):696-700

Time and dose responses of the reduction in retinoid concentrations in C57BL/Rij and DBA/2 mice induced by 3,4,3',4'-tetrachlorobiphenyl. Brouwer A, et al. **Toxicol Appl Pharmacol** 1985 Apr;78(2):180-9

Role of retinoids and their binding proteins in filarial parasites and host tissues. Sani BP, et al. **Trop Med Parasitol** 1985; 36 Suppl 1:20-3

Visual cycle in the mammalian eye. Retinoid-binding proteins and the distribution of 11-cis retinoids. Bridges CD, et al. **Vision Res** 1984;24(11):1581-94

Interphotoreceptor retinoid-binding protein. Characteristics in bovine and monkey retina. Chader GJ, et al. **Vision Res** 1984;24(11):1605-14

Rod outer segment membranes: good acceptors for retinoids? Groenendijk GW, et al. **Vision Res** 1984;24(11):1623-7

Suitability of retinol, retinal and retinyl palmitate for the regeneration of bleached rhodopsin in the isolated frog retina. Nöll GN. **Vision Res** 1984;24(11):1615-22

Properties and immunocytochemical localization of three retinoid-binding proteins from bovine retina. Saari JC, et al. **Vision Res** 1984;24(11):1595-603

Competition between retinal and 3-dehydroretinal for opsin in the regeneration of visual pigment. Suzuki T, et al. **Vision Res** 1985;25(2):149-54

PHARMACODYNAMICS

Structure-function relationships of retinoids in their effects on retinol-binding protein metabolism in cultured H4II EC3 liver cells. Smith JE, et al. **Arch Biochem Biophys** 1985 Apr;238(1):1-9

Retinoid modulation of connective tissue metabolism in keloid fibroblast cultures. Abergel RP, et al. **Arch Dermatol** 1985 May;121(5):632-5

Retinoids inhibit the differentiation of embryonic-mouse mesenchymal cells in vitro. Zimmermann B, et al. **Arch Dermatol Res** 1985;277(2):98-104

Influence of retinoids on growth and melanin content of Harding-Passey-melanoma cells in vitro and B16 transplantable melanoma in vivo. Drewa G, et al. **Arch Geschwulstforsch** 1985;55(2):93-8

Effects of retinoids on growth and dissemination of malignant tumours: immunological considerations. Eccles SA. **Biochem Pharmacol** 1985 May 15;34(10):1599-610 (134 ref.)

Effect of retinoids on collagen production by chondrocytes in culture. Hein R, et al. **Biochem Pharmacol** 1984 Oct 15; 33(20):3263-7

Retinoids and synovial factor(s) stimulate the production of plasminogen activator by cultured human chondrocytes. A possible role for plasminogen activator in the resorption of cartilage in vitro. Meats JE, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):161-9

Retinoid-induced inhibition of growth and reduction of spreading of human epidermal cells in culture. Hashimoto T, et al. **Br J Dermatol** 1985 Jun;112(6):637-46

The effect of retinoids on CFU-GM from normal subjects and patients with myelodysplastic syndrome. Bailey-Wood R, et al. **Br J Haematol** 1985 Jan;59(1):15-20

Human T-cell leukemia virus I induction by 5-iodo-2'-deoxyuridine and N-methyl-N'-nitro-N-nitrosoguanidine: inhibition by retinoids, L-ascorbic acid, and DL-alpha-tocopherol. Blakeslee JR Jr, et al. **Cancer Res** 1985 Aug;45(8):3471-6

Computer-assisted correlation of structure and biological activity in a set of retinoids. Leavitt SA, et al. **Cancer Res** 1985 Oct;45(10):4741-7

Effect of retinoids on the growth, ultrastructure, and cytoskeletal structures of malignant rat osteoblasts. Ng KW, et al. **Cancer Res** 1985 Oct;45(10):5106-13

Control of growth, morphology, and alkaline phosphatase activity by butyrate and related short-chain fatty acids in the retinoid-responsive 9-1C rat prostatic adenocarcinoma cell. Reese DH, et al. **Cancer Res** 1985 May;45(5):2308-13

Inhibition by retinoids of neoplastic transformation in vitro: cellular and biochemical mechanisms. Bertram JS, et al. **Ciba Found Symp** 1985;113:29-41

Effect of retinoids on rheumatoid arthritis, a proliferative and invasive non-malignant disease. Brinckerhoff CE, et al. **Ciba Found Symp** 1985;113:191-211

Regulation of differentiation of tracheal epithelial cells by retinoids. Jetten AM, et al. **Ciba Found Symp** 1985; 113:61-76

The effect of retinoids on haemopoiesis--clinical and laboratory studies. Koeffler HP, et al. **Ciba Found Symp** 1985;113:252-67

Inhibition of epidermal terminal differentiation and tumour promotion by retinoids. Lichti U, et al. **Ciba Found Symp** 1985;113:77-89

Retinoids and the control of pattern in regenerating limbs. Maden M. **Ciba Found Symp** 1985;113:132-55 (26 ref.)

Retinoids and mammary gland differentiation. Moon RC, et al. **Ciba Found Symp** 1985;113:156-67 (23 ref.)

Retinoids alter the direction of differentiation in primary cultures of cutaneous keratinocytes. Brown R, et al. **Differentiation** 1985;28(3):268-78

Retinoid suppression of transglutaminase activity and envelope competence in cultured human epidermal carcinoma cells. Hydrocortisone is a potent antagonist or retinyl acetate but not retinoic acid. Thacher SM, et al. **Differentiation** 1985;29(1):82-7

Comparative study of blocking effects of various retinoids on the occurrence of permanent proliferation of vaginal epithelium in mice treated neonatally with estrogen. Tachibana H, et al. **Endocrinol Jpn** 1984 Oct;31(5):645-50

Inhibition of denuded mouse oocyte meiotic maturation by tumor-promoting phorbol esters and its reversal by retinoids. Urner F, et al. **Exp Cell Res** 1984 Oct; 154(2):600-5

Effects of retinoids on human lymphocyte functions in vitro. Moriguchi S, et al. **Hum Toxicol** 1985 Jul;4(4):365-78

Selective effect of different retinoids on the primary antibody response in normal chickens. Soppi E, et al. **Immunopharmacology** 1984 Oct;8(2):91-6

Effects of retinoids on invasion of organ cultures of chick chorioallantoic membrane by adenovirus transformed cells. Fazely F, et al. **In Vitro Cell Dev Biol** 1985 Jul;21(7):409-14

Retinoids antagonize the induction of ornithine decarboxylase activity by phorbol esters and phospholipase C in rat tracheal epithelial cells. Jetten AM, et al. **J Cell Physiol** 1985 Jun;123(3):386-94

Preventive and enhancing effects of retinoids on the development of naturally occurring tumors of skin, prostate gland, and endocrine pancreas in aged male ACI/segHapBR rats. Ohshima M, et al. **JNCI** 1985 Feb; 74(2):517-24

Role of retinoids in differentiation and carcinogenesis. Sporn MB, et al. **JNCI** 1984 Dec;73(6):1381-7

Effect of retinoids on carcinogen-induced mutagenesis in Salmonella tester strains. Qin S, et al. **Mutat Res** 1985 Mar; 142(3):115-20

The gecko opsin: responses to geometric isomers of retinal and 3-dehydroretinal. Crescitelli F, et al. **Photochem Photobiol** 1985 Mar;41(3):309-16

Effect of systemic retinoid plus PUVA (Re-PUVA) on enzyme histochemically detectable epidermal Langerhans cells. Koulu L. **Photodermatol** 1984 Feb;1(1):42-3

Retinoids activate superoxide production by polymorphonuclear leucocytes. Hemilä H, et al. **Scand J Immunol** 1985 Mar;21(3):227-34

[The effects of ultraviolet ray, PUVA and retinoid on experimental carcinogenesis--including observations on -SH groups and S-S bonds during the process of carcinogenesis] Noguchi N, et al. **Nippon Hifuka Gakkai Zasshi** 1984 May;94(6):737-40 **(Jpn)**

PHYSIOLOGY

Role of retinoids in differentiation and growth of embryonal carcinoma cells. Sherman MI, et al. **Ciba Found Symp** 1985;

113:42-60

Intramembrane fluidity increases when the cyclohexyl ring of retinal binds to rod outer-segment membranes. Vessell DL. **Int J Biochem** 1985;17(1):127-30

Interferon-gamma requires serum retinoids to promote the expression of tissue transglutaminase in cultured human blood monocytes. Mehta K, et al. **J Immunol** 1985 Apr; 134(4):2053-6

RADIATION EFFECTS

[Nature of the electrogenic phases of the bacteriorhodopsin photocycle and the localization of retinal] Drachev LA, et al. **Dokl Akad Nauk SSSR** 1985 Mar-Apr;281(1):176-80 **(Rus)**

THERAPEUTIC USE

The effects of arotinoids on rat mammary carcinogenesis. Hartmann HR, et al. **Cancer Chemother Pharmacol** 1985; 15(2):141-3

Lack of an effect of dietary retinoids in chemical carcinogenesis of the mouse mammary gland: inverse relationship between mammary tumor cell anaplasia and retinoid efficacy. Welsch CW, et al. **Carcinogenesis** 1984 Oct;5(10):1301-4

Modulation of carcinogenesis in the urinary bladder by retinoids. Hicks RM, et al. **Ciba Found Symp** 1985; 113:168-90

Retinoids in oncology. Mahrle G. **Curr Probl Dermatol** 1985; 13:128-63 (265 ref.)

Skin diseases: current concepts, therapy. 1. Acne. Potter B. **Indiana Med** 1985 May;78(5):378-80

Retinoids: a review. Dicken CH. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):541-52 (94 ref.)

Retinoids and cancer [editorial] Pack GL. **J Invest Dermatol** 1985 Aug;85(2):87-8

Retinoids for skin disorders. Jones DH. **Practitioner** 1984 Nov;228(1397):1043-8

[Inhibitory effect of N-4-aminosulphonylphenyl-retinamide and other 2 new retinoids on malignant change of forestomach dysplasia in mice] Lin PZ, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Jun; 6(3):223-4 (Eng. Abstr.) **(Chi)**

[Retinoids today] Lauharanta J. **Duodecim** 1985; 101(11):1109-20 **(Fin)**

[Are retinoids of value in bladder tumors? Pharmacological study and literature review] Plante P, et al. **Ann Urol (Paris)** 1984 May;18(3):196-9 (Eng. Abstr.) **(Fre)**

[Retinoids and carcinogenesis] Mahrle G. **Z Hautkr** 1984 Dec 15;59(24):1655-6 **(Ger)**

[Effect of retinoid (Ro-10-9359) on leukocytes migration in patients with psoriasis] Amano M, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Sep;94(10):1135-9 **(Jpn)**

[Keratoma hereditaria mutilans--treatment with retinoid (Ro-10-9359)] Ito T, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jun;94(7):823-30 **(Jpn)**

TOXICITY

Ro 15-1570, a new sulfur-containing retinoid devoid of bone toxicity in rats. Kistler A, et al. **Arch Toxicol** 1984 Dec; 56(2):117-22

Intestinal absorption of nutrients in animals dosed orally with retinoids: considerations for chemopreventive studies. Hill DL, et al. **Cancer Invest** 1985;3(3):243-8 (64 ref.)

Retinoid toxicity. Turton JA, et al. **Ciba Found Symp** 1985; 113:220-51

A study of experimental carcinogenesis on mouse dorsal skin using: ultraviolet, PUVA and retinoid. Noguchi N. **J Dermatol (Tokyo)** 1985 Apr;12(2):143-52

Developmental toxicology of retinylidene methyl nitrone in the golden hamster. Willhite CC, et al. **Toxicology** 1984 Dec;33(3-4):331-40

RETINOL see **VITAMIN A**

RETINOL BINDING PROTEINS

The amino-acid sequence of beta-lactoglobulin II from horse colostrum (Equus caballus, Perissodactyla): beta-lactoglobulins are retinol-binding proteins. Godovac-Zimmermann J, et al. **Biol Chem Hoppe Seyler** 1985 Jun;366(6):601-8

Homology between the primary structures of beta-lactoglobulins and human retinol-binding protein: evidence for a similar biological function? Godovac-Zimmermann J, et al. **Biol Chem Hoppe Seyler** 1985 Apr;366(4):431-4

The primary structure of rat liver cellular retinol-binding protein. Sundelin J, et al. **J Biol Chem** 1985 May 25; 260(10):6488-93

Crystallization of human plasma apo-retinol-binding protein. Monaco HL, et al. **J Mol Biol** 1984 Sep 15;178(2):477-9

ANALYSIS

Immunohistochemical studies on the localization of cellular retinol-binding protein in rat testis and epididymis. Kato M, et al. **Biol Reprod** 1985 Feb;32(1):173-89

Retinol and postoperative colorectal cancer patients. Basu TK, et al. **Br J Cancer** 1985 Jan;51(1):61-5

Cellular retinol- and retinoic acid-binding proteins in the epidermis and dermis of normal human skin. Siegenthaler G, et al. **Br J Dermatol** 1984 Dec;111(6):647-54

Cellular vitamin A-binding proteins in liver tumors and adjacent tissues. Ikezaki K, et al. **Cancer** 1985 May 15; 55(10):2405-10

A radioimmunoassay for retinol-binding protein in serum and urine. Beetham R, et al. **Clin Chem** 1985 Aug;31(8):1364-7

Concentrations of transthyretin (prealbumin) and retinol-binding protein in alcoholics during alcohol withdrawal [letter] Staley MJ, et al. **Clin Chem** 1984 Nov; 30(11):1887

Kinetic nephelometric determination of transthyretin and retinol-binding protein in neonatal serum. Gulamali F, et al. **Clin Chim Acta** 1985 Apr 30;147(3):197-204

Some functional characteristics of purified bovine interphotoreceptor retinol-binding protein. Adler AJ, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):273-82

Vitamin A and interstitial retinol-binding protein in an eye with recessive retinitis pigmentosa. Bridges CD, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):684-91

Immunocytochemical localization of interphotoreceptor retinoid-binding protein in developing normal and RCS rat retinas. Eisenfeld AJ, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):775-8

Synthesis and secretion of interstitial retinol-binding protein by the human retina. Hollyfield JG, et al. **Invest Ophthalmol Vis Sci** 1985 Jan;26(1):58-67

Molecular properties of bovine interphotoreceptor retinol-binding protein. Adler AJ, et al. **J Biol Chem** 1985 Apr 25;260(8):4850-5

Cellular retinol-binding protein. Quantitation and distribution. Eriksson U, et al. **J Biol Chem** 1984 Nov 10; 259(21):13464-70

Influence of retinoid nutritional status on cellular retinol- and cellular retinoic acid-binding protein concentrations in various rat tissues. Kato M, et al. **J Biol Chem** 1985 Apr 25;260(8):4832-8

Hypertension detection and follow-up program study of serum retinol, retinol-binding protein, total carotenoids, and cancer risk: a summary. Willett WC, et al. **JNCI** 1984 Dec;73(6):1459-62

Cell-specific immunohistochemical localization of a cellular retinol-binding protein (type two) in the small intestine of rat. Crow JA, et al. **Proc Natl Acad Sci USA** 1985 Jul; 82(14):4707-11

Diagnostic value of prealbumin and retinol-binding protein in acute and chronic liver diseases. Cavanna A, et al. **Ric Clin Lab** 1985 Jan-Mar;15(1):71-7

Concentration of serum prealbumin and retinol-binding proteins during pregnancy. Giacoia GP. **South Med J** 1984 Oct;77(10):1261-3

[Plasma levels of vitamin A and its protein vectors (RBP and PA), carotene, total cholesterol and HDL-cholesterol in patients with carcinoma of the cervix] Audisio M, et al. **Boll Soc Ital Biol Sper** 1985 Feb 28;61(2):303-10 (Eng. Abstr.) **(Ita)**

[Plasma levels of vitamin A and its protein vectors (RBP and PA), carotene, total cholesterol and HDL-cholesterol in healthy adults of the female sex] Audisio M, et al. **Boll Soc Ital Biol Sper** 1985 Feb 28;61(2):287-93 (Eng. Abstr.) **(Ita)**

BIOSYNTHESIS

Rates of synthesis of prealbumin and retinol-binding protein during acute inflammation in the rat. Felding P, et al. **Acta Physiol Scand** 1985 Apr;123(4):477-83

An extracellular retinol-binding glycoprotein in the eyes of mutant rats with retinal dystrophy: development, localization, and biosynthesis. Gonzalez-Fernandez F, et al. **J Cell Biol** 1984 Dec;99(6):2092-8

BLOOD

Pityriasis rubra pilaris, vitamin A and retinol-binding protein: a case study. van Voorst Vader PC, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):430-2

Determination of retinol-binding protein in serum by kinetic immunonephelometry with polyethylene glycol pretreatment. Hallworth MJ, et al. **Ann Clin Biochem** 1984 Nov;21 (Pt 6):484-7

Serum prealbumin and retinol-binding protein in the prealbumin-related senile and familial forms of systemic amyloidosis. Westermark P, et al. **Lab Invest** 1985 Mar; 52(3):314-8

[Plasma values of vitamin A and its binding proteins (retinol binding proteins and prealbumin), carotene, total cholesterol and HDL-cholesterol in subjects with breast carcinoma] Audisio M, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30;61(3):467-74 (Eng. Abstr.) **(Ita)**

GENETICS

Cloning and sequencing of a full length cDNA corresponding to human cellular retinol-binding protein. Colantuoni V, et al. **Biochem Biophys Res Commun** 1985 Jul 16; 130(1):431-9

Amino acid sequence homologies between rabbit, rat, and human serum retinol-binding proteins. Sundelin J, et al. **J Biol Chem** 1985 May 25;260(10):6472-80

Homology of beta-lactoglobulin, serum retinol-binding protein, and protein HC. Pervaiz S, et al. **Science** 1985 Apr 19;228(4697):335-7

ISOLATION & PURIFICATION

A high-performance liquid chromatographic technique that separates cellular retinol binding protein from cellular retinoic acid binding protein. Bonelli FC, et al. **Anal Biochem** 1985 May 15;147(1):251-7

Isolation and characterization of monkey interphotoreceptor retinoid-binding protein, a unique extracellular matrix component of the retina. Redmond TM, et al. **Biochemistry** 1985 Jan 29;24(3):787-93

An improved method for isolation of retinol-binding protein from goat serum. Goyal KC, et al. **Indian J Biochem Biophys** 1984 Feb;21(1):59-61

METABOLISM

Partial characterization of nuclear binding sites for retinol delivered by cellular retinol binding protein. Liau G, et al. **Arch Biochem Biophys** 1985 Mar;237(2):354-60

Structure-function relationships of retinoids in their effects on retinol-binding protein metabolism in cultured H4II EC3 liver cells. Smith JE, et al. **Arch Biochem Biophys** 1985 Apr;238(1):1-9

Biotransformation and protein binding of N-(4-hydroxyphenyl)retinamide in murine mammary epithelial cells. Bunk MJ, et al. **Cancer Lett** 1985 Apr; 26(3):319-26

Characterization of the retinol and retinoic acid binding proteins in the human prostate. Boyd D, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5532-7

Mediation by cellular retinol binding protein of a specific uptake of [3H]retinol by hen oviduct nuclei in vitro. Prasad VR, et al. **Indian J Biochem Biophys** 1985 Feb;22(1):31-5

Comparison of fetal and adult retinol and retinoic acid binding proteins in bovine serum and pigment epithelium. Cullum ME, et al. **Int J Vitam Nutr Res** 1984;54(4):297-305

Localization of cellular retinol-binding protein and cellular retinoic acid-binding protein in the rat testis and epididymis. Porter SB, et al. **J Androl** 1985 May-Jun; 6(3):197-212

Endocytosis and degradation of interstitial retinol-binding protein: differential capabilities of cells that border the interphotoreceptor matrix. Hollyfield JG, et al. **J Cell Biol** 1985 May;100(5):1676-81

Spatial distribution of retinol-binding protein and retinyl palmitate hydrolase activity in normal and vitamin A-deficient rat liver. Blaner WS, et al. **J Nutr** 1985 Jul; 115(7):856-64

Cellular retinol-binding protein: what is its role in vitamin A metabolism? Chytil F. **Lab Invest** 1985 May;52(5):465-7

Immunochemical studies on the localization and on the concentration of cellular retinol-binding protein in rat liver during perinatal development. Kato M, et al. **Lab Invest** 1985 May;52(5):475-84

A new retinol-binding protein which may participate in intestinal absorption of vitamin A. **Nutr Rev** 1984 Sep; 42(9):327-8

Plasma and cellular retinoid-binding proteins and transthyretin (prealbumin) are all localized in the islets of Langerhans in the rat. Kato M, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2488-92

Role of retinoids and their binding proteins in filarial parasites and host tissues. Sani BP, et al. **Trop Med Parasitol** 1985; 36 Suppl 1:20-3

Visual cycle in the mammalian eye. Retinoid-binding proteins and the distribution of 11-cis retinoids. Bridges CD, et al. **Vision Res** 1984;24(11):1581-94

Interphotoreceptor retinoid-binding protein. Characteristics in bovine and monkey retina. Chader GJ, et al. **Vision Res** 1984;24(11):1605-14

[Assessment of elemental diet therapy by rapid turnover transport proteins] Asakura H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Aug;81(8):1759-66 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Properties and immunocytochemical localization of three retinoid-binding proteins from bovine retina. Saari JC, et al. **Vision Res** 1984;24(11):1595-603

RETIREMENT

Effect of a training programme for pensioners on condition and muscular strength. Aniansson A, et al. **Arch Gerontol Geriatr** 1984 Oct;3(3):229-41

Comparative study of physical and mental incapacities among Portuguese airline pilots under and over age 60. Castelo-Branco A, et al. **Aviat Space Environ Med** 1985 Aug;56(8):752-7

Life changes: Retirement. Bryden WG, et al. **Br Med J [Clin Res]** 1984 Nov 10;289(6454):1279-80

Preparing to sell your medical practice. Strogen EM Jr, et al. **Conn Med** 1985 Apr;49(4):249-51

The structure of post-retirement adaptation for recent and longer-term women retirees. Cherry DL, et al. **Exp Aging Res** 1984 Winter;10(4):231-6

The throwaway culture: job detachment and rejection. Davies CS. **Gerontologist** 1985 Jun;25(3):228-31

Sex role traditions and retirement from academe. Kaye LW, et al. **Gerontologist** 1984 Aug;24(4):420-6

Work, retirement, and well-being among unmarried men and women. Keith PM. **Gerontologist** 1985 Aug;25(4):410-6

The effect of retirement versus age on the shopping orientations of the older consumer. Lumpkin JR. **Gerontologist** 1984 Dec;24(6):622–7

Post-retirement benefit increases and the adequacy of benefits in state pension plans. Strate JM. **Gerontologist** 1984 Oct; 24(5):522–9

Autonomy, power, and decision-making in thirty-six retirement communities. Streib GF, et al. **Gerontologist** 1985 Aug;25(4):403–9

A long-term study with co-dergocrine mesylate (Hydergine) in healthy pensioners. Results after 3 years. Köberle S, et al. **Gerontology** 1984;30 Suppl 1:3–52

With a certain degree of sadness [interview] Larson DL. **IMJ** 1985 May;167(5):378–80

Family expenditures before and after retirement: a research model for measuring priorities. Hildreth GJ, et al. **Int J Aging Hum Dev** 1984–85;20(2):145–59

Predictors of retirement satisfaction: a path model. Kremer Y. **Int J Aging Hum Dev** 1984–85;20(2):113–21

Industrialization spawns the Elder Craftsmen Shop. Schreter CA. **Int J Aging Hum Dev** 1984;19(4):301–9

Relationships between sleep and retirement-nonretirement status. Webb WB, et al. **Int J Aging Hum Dev** 1984–85; 20(1):13–9

A survey of retired dentists in the United States. Council on Dental Practice. Jackson JB, et al. **J Am Dent Assoc** 1985 Mar;110(3):386–9

An empirical test for phases of retirement: findings from the Normative Aging Study. Ekerdt DJ, et al. **J Gerontol** 1985 Jan;40(1):95–101

Proximity to retirement and anticipatory involvement: findings from the Normative Aging Study. Evans L, et al. **J Gerontol** 1985 May;40(3):368–74

Determinants and consequences of retirement among men of different races and economic levels. Fillenbaum GG, et al. **J Gerontol** 1985 Jan;40(1):85–94

Sample attrition and multivariate analysis in the Retirement History Study. Goudy WJ. **J Gerontol** 1985 May; 40(3):358–67

Predicting the retirement intentions and attitudes of professional workers. Kilty KM, et al. **J Gerontol** 1985 Mar; 40(2):219–27

Retirement communities and their life stages. La Greca AJ, et al. **J Gerontol** 1985 Mar;40(2):211–8

A recursive model of economic well-being in retirement. Leon J. **J Gerontol** 1985 Jul;40(4):494–505

Leaving a door ajar in the corridors of medical manpower. Atkinson M. **Lancet** 1985 Jan 5;1(8419):40–1

Talking with your retirement plan advisor: overcoming the language barrier. Rogers WR Jr, et al. **NC Med J** 1984 Oct;45(10):665–8

The 'retired' chairman syndrome: a twentieth-century disease. Alexander E Jr. **Pharos** 1984 Summer;47(3):16–9

Retired? What do you do? Crowley DF. **Pharos** 1984 Fall; 47(4):17–20

Planning for retirement--you and your patient. Pearson JS. **Proc Annu Meet Med Sect Am Counc Life Insur** 1984; :159–61

Nutrition at retirement age. Holdsworth MD, et al. **Proc Nutr Soc** 1984 Sep;43(3):303–13 (15 ref.)

Life satisfaction and depression among retired black persons. Farakhan A, et al. **Psychol Rep** 1984 Oct;55(2):452–4

The association between health and retirement: self-health assessment of Israeli retirees. Kremer Y. **Soc Sci Med** 1985; 20(1):61–6

Present policies and methods regarding the long-term adjustment of benefits. Ballantyne HC. **Soc Secur Bull** 1984 Oct;47(10):9–12

The Retirement Equity AcT of 1984: a review. Donavan ET. **Soc Secur Bull** 1985 May;48(5):38–44

Income changes at and after Social Security benefit receipt: evidence from the Retirement History Study. Fox A. **Soc Secur Bull** 1984 Sep;47(9):3–23

Characteristics of the longest job for new retired workers: findings from the New Beneficiary Survey. Iams HM. **Soc Secur Bull** 1985 Mar;48(3):5–21

Income of new retired workers by social security benefit levels: findings from the New Beneficiary Survey. Irick C. **Soc Secur Bull** 1985 May;48(5):7–23

Distribution of income sources of recent retirees: findings from the New Beneficiary Survey. Maxfield LD, et al. **Soc Secur Bull** 1985 Jan;48(1):7–13

Health status of new retired-worker beneficiaries: findings from the New Beneficiary Survey. Packard M. **Soc Secur Bull** 1985 Feb;48(2):5–16

Relationship between the retirement, disability, and unemployment insurance programs: the U.S. experience. Reno VP, et al. **Soc Secur Bull** 1985 May;48(5):24–37

Reported reasons retired workers left their last job: findings from the New Beneficiary Survey. Sherman SR. **Soc Secur Bull** 1985 Mar;48(3):22–30

Retired. Return to sender. Lynch JP. **Va Med** 1985 Feb; 112(2):102–3

The retired husband syndrome. Johnson CC. **West J Med** 1984 Oct;141(4):542–5

[Attitude toward retirement of employed workers in 5 Dutch communities; a research report] van Gelder BA. **Tijdschr Gerontol Geriatr** 1984 Oct;15(5):189–96 (Eng. Abstr.) **(Dut)**

[Qualification of elderly workers in industry—problems and opportunities] Friedrich W, et al. **Z Gerontol** 1984 Nov–Dec;17(6):315–20 (Eng. Abstr.) **(Ger)**

[Utilization of emergency medical services by patients of retirement age] Kalagireva LN, et al. **Vrach Delo** 1985 Jun; (6):112–4 **(Rus)**

RETIREMENT BENEFITS see **PENSIONS**

RETRACTION OF PUBLICATION

Retraction: no evidence for more than one locus in cystic fibrosis [letter] Danks DM, et al. **Am J Hum Genet** 1984 Nov;36(6):1401–2

Specific antigen exclusion and non-specific facilitation of antigen entry across the gut in rats allergic to food proteins [letter] [Retraction of Roberts SA, Reinhardt MC, Paganelli R, Levinsky RJ. In: Clinical Exp Immunol 1981 Jul;45(1):131–6.] Roberts SA, et al. **Clin Exp Immunol** 1985 Jan;59(1):255

Retraction: Immune elimination of aging platelets by autologous monocytes: role of membrane-specific antibody [letter] [Retraction of Khansari N, Fudenberg NH. In: Eur J Immunol 1983 Dec;13(12):990–4] Khansari N. **Eur J Immunol** 1985 Apr;15(4):416

Retraction: Concurrent measurements of plasma levels of vitamin D3 and five of its metabolites in normal humans, chronic renal failure patients, and anephric subjects. Lambert PW, et al. **J Lab Clin Med** 1984 Oct;104(4):618

Retraction: DNA from recombinogenic bacteriophages generated by arl mutant of Escherichia coli is cleaved by a single-strand-specific endonuclease S1 [Retraction of Hays JB, Korba BE. In: Proc Natl Acad Sci USA 1979 Dec;76(12):6066–70] Hays JB, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):953

Retraction: Prolactin induces release of a factor from membranes capable of stimulating beta-casein gene transcription in isolated mammary cell nuclei. [Retraction of Teyssot B, Houdebine LM, Djiane J. In: Proc Natl Acad Sci USA 1981 Nov;78(11):6729–33] Houdebine LM, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):3062

RETROGNATHISM

SURGERY

The postcondylar cartilage graft--an evaluation of an alternative surgical method for the treatment of retrognathia. Banks P. **Am J Orthod** 1985 May;87(5):406–20

Nature of relapse after surgical mandibular advancement. Bhatia SN, et al. **Br J Orthod** 1985 Apr;12(2):58–69

A comparison between superior and inferior border wiring techniques in sagittal split ramus osteotomy. Singer RS, et al. **J Oral Maxillofac Surg** 1985 Jun;43(6):444–9

[Rational surgical treatment of mandibular retrognathism] Cadenat H, et al. **Rev Stomatol Chir Maxillofac** 1984; 85(4):255–60 (Eng. Abstr.) **(Fre)**

RETROGRADE DEGENERATION see under **NERVE DEGENERATION**

RETROGRADE OBTURATION

The apical seal of selected retrograde filling materials. Palaniak A. **Can Dent Assoc J** 1984 Dec;50(12):903–5

Inadequate treatment: a pathway to surgery. Wallace JA, et al. **Oral Surg Oral Med Oral Pathol** 1985 May; 59(5):528–9

METHODS

A review of four gutta-percha obturation techniques. Elkerton W. **Can Dent Assoc J** 1984 Dec;50(12):906–8 (11 ref.)

A comparison of the sealing properties of different retrograde techniques: an autoradiographic study. Szeremeta-Browar TL, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan; 59(1):82–7

[Apicoectomy by retrograde guttapercha filling] Amagasa T, et al. **Kokubyo Gakkai Zasshi** 1984 Jun;51(2):279–86 (Eng. Abstr.) **(Jpn)**

RETROLENTAL FIBROPLASIA

Retinopathy of prematurity in extremely low birthweight infants. Keith CG, et al. **Med J Aust** 1984 Aug 18; 141(4):225–7

CLASSIFICATION

An international classification of retinopathy of prematurity. Prepared by an international committee. **Br J Ophthalmol** 1984 Oct;68(10):690–7

An international classification of retinopathy of prematurity: clinical experience. Flynn JT. **Trans Am Ophthalmol Soc** 1984;82:218–38

DIAGNOSIS

[The retinopathy of prematurity] Cats BP, et al. **Tijdschr Kindergeneeskd** 1984 Oct;52(5):187–91 (Eng. Abstr.) **(Dut)**

[Retinopathy of prematurity (V): A new method to record the condition of premature retrolental fibroplasia] Karaki T, et al. **Nippon Ganka Gakkai Zasshi** 1984 Nov; 88(11):1383–8 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

Is bright room light related to retrolental fibroplasia? [letter] Warshauer AD. **Anesthesiology** 1984 Dec;61(6):785–6

Retinopathy of prematurity: review of a four-year period. Cats BP, et al. **Br J Ophthalmol** 1985 Jul;69(7):500–3

Negligent treatment of premature infant causing retrolental fibroplasia: judge seeks pre-trial disclosure of medical reports. Brahams D. **Lancet** 1985 Mar 9;1(8428):589–90

Effect of bright light in the hospital nursery on the incidence of retinopathy of prematurity. Glass P, et al. **N Engl J Med** 1985 Aug 15;313(7):401–4

Risk factors associated with retrolental fibroplasia. Biglan AW, et al. **Ophthalmology** 1984 Dec;91(12):1504–11

The retinopathy of prematurity: medicolegal aspects. Bettman JW. **Surv Ophthalmol** 1985 Mar–Apr;29(5):371–3

[Effects of vitamin E deficiency on oxygen induced retinopathy in the rat] Yabe H. **Nippon Ganka Gakkai Zasshi** 1985 Apr;89(4):624–30 (Eng. Abstr.) **(Jpn)**

HISTORY

[The Annette von Droste-Hülshoff syndrome] Meyer-Schwickerath G. **Klin Monatsbl Augenheilkd** 1984 Jun;184(6):574–7 (Eng. Abstr.) **(Ger)**

METABOLISM

Retinal oxygen tension and oxygen reactivity in retinopathy of prematurity in kittens. Ernest JT, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1129–34

OCCURRENCE

Increased morbidity in low-birth-weight survivors with severe retrolental fibroplasia. Vohr BR, et al. **J Pediatr** 1985 Feb;106(2):287–91

Retinopathy of prematurity: a statement by the committee on the fetus and newborn of the Paediatric Society of New Zealand. **NZ Med J** 1985 Jun 12;98(780):446–7

Risk factors for retrolental fibroplasia: experience with 3,025 premature infants. National Collaborative Study on Patent Ductus Arteriosus in Premature Infants. Purohit DM, et al. **Pediatrics** 1985 Sep;76(3):339–44

[Retrolental fibroplasia in premature infants during the past 20 years] Czappán P, et al. **Orv Hetil** 1984 Oct 28; 125(44):2659–63 (Eng. Abstr.) **(Hun)**

PATHOLOGY

Scanning electron microscopy of the ocular vasculature in retinopathy of prematurity. Fryczkowski AW, et al. **Arch Ophthalmol** 1985 Feb;103(2):224–8

Immunopathological studies on retinopathy of prematurity (ROP). Itoh H, et al. **Kobe J Med Sci** 1984 Aug; 30(3–4):53–61

PREVENTION & CONTROL

Retinopathy of prematurity and vitamin E [editorial] Newman NM. **Med J Aust** 1984 Aug 18;141(4):209–11

Vitamin E and the prevention of retinopathy of prematurity. Committee on Fetus and Newborn. **Pediatrics** 1985 Aug; 76(2):315–6

[Prevention of retinopathy of premature infants with D-penicillamine] Lakatos L, et al. **Orv Hetil** 1985 Jun 9; 126(23):1391–6 (Eng. Abstr.) **(Hun)**

[Problems of the prevention of retrolental fibroplasia] Prost M. **Pediatr Pol** 1984 Jun;59(6):507–11 **(Pol)**

PSYCHOLOGY

Long-term neuropsychological impact of retrolental fibroplasia: review and implications. Scharf LS, et al. **J Pediatr Psychol** 1984 Sep;9(3):303–16 (40 ref.)

SURGERY

Retinopathy of prematurity: incidence and treatment. Reisner SH, et al. **Arch Dis Child** 1985 Aug;60(8):698–701

Early intervention aids vision-impaired infants [news] Cole H. **JAMA** 1985 Aug 2;254(5):595

[Treatment of retrolental fibroplasia by transscleral cryopexy] Jobbágyi P, et al. **Orv Hetil** 1984 Nov 18;125(47):2847–52 (Eng. Abstr.) **(Hun)**

[Current possibilities in the treatment of retrolental fibroplasia] Prost M. **Klin Oczna** 1984 Jul;86(7):309–11 (Eng. Abstr.) **(Pol)**

RETROPERITONEAL FIBROSIS

CHEMICALLY INDUCED

Distalgesic abuse and retroperitoneal fibrosis. Critchley JA, et al. **Br J Urol** 1985 Aug;57(4):486–7

[A case of retroperitoneal fibrosis following dihydroergotamine therapy, with special reference to partial diabetes insipidus and positive Ga scan] Oguma Y, et al. **Nippon Naika Gakkai Zasshi** 1984 Jun;73(6):864–70 **(Jpn)**

COMPLICATIONS

Lymphoid hypophysitis in a patient with lymphoid thyroiditis, lymphoid adrenalitis, and idiopathic retroperitoneal fibrosis. Sobrinho-Simões M, et al.

Arch Pathol Lab Med 1985 Mar;109(3):230-3

Retroperitoneal fibrosis presenting with venous obstruction: a phlebographic and computed tomography study. A report of two cases. Posniak HV, et al. **Australas Radiol** 1984 May; 28(2):128-32

Retroperitoneal fibrosis and inferior vena cava obstruction: radionuclide venography (99m Tc pertechnetate). Torres Irizarry E, et al. **Bol Asoc Med PR** 1985 Apr;77(4):157-8

Spontaneous urinoma due to retroperitoneal fibrosis and aortic aneurysm. Allison MC, et al. **Br Med J [Clin Res]** 1985 Jul 20;291(6489):176

Inferior vena caval obstruction secondary to retroperitoneal fibrosis causing abnormal venous return of left lower limb to portal circulation. Case report and literature review. Abdel-Dayem HM, et al. **Clin Nucl Med** 1984 Nov; 9(11):635-7 (12 ref.)

Ureteral narrowing without urinary symptoms: two cases. Srinivas V, et al. **Hosp Pract [Off]** 1984 Dec;19(12):145-6, 148

[Abdominal pain, impotence and unilateral testicular enlargement in a 51-year-old man] Kupari M. **Duodecim** 1984;100(15):948-56 (Fin)

[Blood hypereosinophilia with eosinophilic polyserositis and retroperitoneal fibrosis (letter)] Hilpert G, et al. **Ann Med Interne (Paris)** 1985;136(4):352 (Fre)

[Retroperitoneal fibrosis and generalized scleroderma] Cochat P, et al. **Nephrologie** 1985;6(1):27-30 (Eng. Abstr.) (Fre)

[Inflammatory polyradiculoneuritis associated with retroperitoneal fibrosis (letter)] Vernay D, et al. **Presse Med** 1985 Mar 2;14(9):549 (Fre)

DIAGNOSIS

[Left-sided hydronephrosis and status following left-sided pelvic vein thrombosis in a 38-year-old male] Fliege R, et al. **Internist (Berlin)** 1985 Mar;26(3):173-6 (Ger)

DRUG THERAPY

Azathioprine. An alternative treatment for recurrent idiopathic retroperitoneal fibrosis. Cogan E, et al. **Arch Intern Med** 1985 Apr;145(4):753-5

ETIOLOGY

Retroperitoneal fibrosis associated with schistosoma japonicum infestation--an immunologically mediated disease? Pun KK, et al. **Trop Geogr Med** 1984 Sep; 36(3):281-3

[Malignant retroperitoneal fibrosis: clinical presentation as a single pelvic mass (letter)] Martinez Vea A, et al. **Med Clin (Barc)** 1985 May 11;84(18):756 (Spa)

PATHOLOGY

Idiopathic retroperitoneal fibrosis: implications for a systemic disorder. Hershkowitz M, et al. **Clin Exp Rheumatol** 1983 Apr-Jun;1(2):157-60

Idiopathic retroperitoneal fibrosis with diffuse involvement: further evidence of systemic idiopathic fibrosis. Stewart TW Jr, et al. **South Med J** 1984 Sep;77(9):1185-7

[Ormond's disease (idiopathic retroperitoneal fibrosis)] Grzyb K, et al. **Patol Pol** 1984 Oct-Dec;35(4):527-32 (Eng. Abstr.) (Pol)

RADIOGRAPHY

Perirenal localized form of retroperitoneal fibrosis. Naudts P, et al. **J Belge Radiol** 1984;67(6):421-4

Retroperitoneal fibrosis with normal intravenous urogram. Creagh FM, et al. **Postgrad Med J** 1985 Feb;61(712):183-4

[The radiologic diagnosis of retroperitoneal fibrosis: an update] Tessier G, et al. **Union Med Can** 1985 Jul; 114(7):591-3, 595 (Eng. Abstr.) (Fre)

SURGERY

Surgical alleviation of ureteric obstruction in idiopathic retroperitoneal fibrosis. An analysis of 9 cases. Kihl B, et al. **Scand J Urol Nephrol** 1984;18(4):317-23

THERAPY

[Treatment of idiopathic retroperitoneal fibrosis: ureterolysis of corticoid therapy?] Biserte J, et al. **Ann Urol (Paris)** 1984 Sep;18(5):304-9 (Eng. Abstr.) (Fre)

VETERINARY

Retroperitoneal fibromatosis and acquired immunodeficiency syndrome in macaques. Pathologic observations and transmission studies. Giddens WE Jr, et al. **Am J Pathol** 1985 May;119(2):253-63

RETROPERITONEAL NEOPLASMS

Primary retroperitoneal tumors: report of 21 cases. Lungarotti F, et al. **Ital J Surg Sci** 1984;14(4):289-93

Retroperitoneal liposarcoma. Manlove CH, et al. **Minn Med** 1985 Aug;68(8):581-5

Extrarenal Wilms' tumor. Todd DW, et al. **Minn Med** 1984 Nov;67(11):635-8

[Neuroblastoma IV-S. A series of 7 cases] Maciá Martí J, et al. **An Esp Pediatr** 1985 Feb;22(2):137-42 (Eng. Abstr.) (Spa)

ANALYSIS

The isolation and sequence analysis of vasoactive intestinal peptide from a ganglioneuroblastoma. Bunnett NW, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1133-7

COMPLICATIONS

Endometriosis: an unusual cause of ureteral obstruction. Buckspan MB, et al. **Can J Surg** 1985 Sep;28(5):447-9

Hemangioendothelioma with intravascular coagulation and ischemic colitis. Weinblatt ME, et al. **Cancer** 1984 Nov 15;54(10):2300-4

Occurrence of cicatricial pemphigoid and leiomyosarcoma in a psoriatic patient. David M, et al. **Dermatologica** 1985; 170(5):256-9

Porphyria cutanea tarda associated with lymphoma. Adrados G, et al. **J Dermatol (Tokyo)** 1984 Aug;11(4):403-6

Retroperitoneal teratoma with rupture into the left lung. Krishnan MM, et al. **J R Coll Surg Edinb** 1985 Apr; 30(2):129-31

Urologic manifestations of von Recklinghausen neurofibromatosis. Blum MD, et al. **Urology** 1985 Sep; 26(3):209-17 (76 ref.)

[Value of double 'J' ureteral stents in cancerology] Dauplat J, et al. **Ann Urol (Paris)** 1985;19(4):233-8 (Eng. Abstr.) (Fre)

[Arterial hypertension in renin-producing retroperitoneal leiomyosarcoma] Fromme M, et al. **Klin Wochenschr** 1985 Feb 15;63(4):158-63 (Eng. Abstr.) (Ger)

[Anesthesia in a case of retroperitoneal paraganglioma not diagnosed preoperatively] Rodríguez Alvarez E, et al. **Rev Esp Anestesiol Reanim** 1984 Nov-Dec;31(6):253-5 (Eng. Abstr.) (Spa)

DIAGNOSIS

Ossified retroperitoneal fibrous histiocytoma. A case report. Simi U, et al. **Acta Urol Belg** 1985;53(1):23-8

Retroperitoneal growths adjoining kidney. Singh KP, et al. **J Indian Med Assoc** 1984 Sep;82(9):332-4

Sonographic features of retroperitoneal ganglioneuroma. Jasinski RW, et al. **J Ultrasound Med** 1984 Sep;3(9):413-5

Sonographic demonstration of a pelvic fibromyxoma. Yoshino MT, et al. **J Ultrasound Med** 1985 Jul;4(7):365-6

A case of nonfunctioning paraganglioma arising from the retroperitoneum: angiographic and scintigraphic features. Oguma S, et al. **J Urol** 1985 Jan;133(1):73-6

The nuclear magnetic resonance appearances of neuroblastoma. Smith FW, et al. **Pediatr Radiol** 1985; 15(5):329-32

Intraoperative consultation for the retroperitoneum and adrenal glands. Klein EA, et al. **Urol Clin North Am** 1985 Aug;12(3):411-21 (56 ref.)

Localization, incidence, diagnosis and treatment of extratesticular germ cell tumors. Kühn MW, et al. **Urol Int** 1985;40(3):166-72

Case profile: Crossed fused ectopia misdiagnosed as retroperitoneal tumor. Klein FA, et al. **Urology** 1985 Apr; 25(4):411-2

Retroperitoneal teratoma in an infant. Anatol T. **West Indian Med J** 1984 Dec;33(4):269-71

[Tuberous sclerosis. Report of a case with monstrous benign retroperitoneal tumor masses] Sørensen MR, et al. **Ugeskr Laeger** 1985 Jun 3;147(23):1856 (Eng. Abstr.) (Dan)

[A case of retroperitoneal tumor (leiomyosarcoma) simulating a kidney tumor] Karageorgis C, et al. **Ann Chir** 1985 Jun; 39(5):337-40 (Eng. Abstr.) (Fre)

[Clinical significance of nuclear magnetic resonance tomography in urology. Initial experiences] Beer M, et al. **Fortschr Med** 1984 Sep 27;102(36):891-4 (Eng. Abstr.) (Ger)

[Diagnosis of extranodal involvement of non-Hodgkin's lymphoma in the abdominal and retroperitoneal space using sonography and computed tomography] Beyer D, et al. **Radiologe** 1985 May;25(5):206-12 (Eng. Abstr.) (Ger)

[Primary retroperitoneal tumors] Ruschen B, et al. **Z Arztl Fortbild (Jena)** 1985;79(2):67-8 (Ger)

[Clinical comments on a case of retroperitoneal lipoma] Di Mauro S, et al. **Chir Ital** 1985 Feb;37(1):80-92 (Eng. Abstr.) (Ita)

[Tumors of the retroperitoneal space] Monzio Compagnoni B, et al. **Minerva Chir** 1984 Apr 30;39(8):639-43 (Eng. Abstr.) (Ita)

[Ultrasonic diagnosis of tumors of the kidney and retroperitoneum] Tanahashi Z. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2277-83 (Jpn)

[Choriocarcinoma and teratoma of the retroperitoneum--immunohistochemical investigation] Kataoka H, et al. **Rinsho Byori** 1985 Feb;33(2):211-6 (Jpn)

[A case of retroperitoneal cavernous hemangioma] Abe M, et al. **Rinsho Hoshasen** 1984 Oct;29(10):1131-4 (Eng. Abstr.) (Jpn)

[A case of retroperitoneal neurofibroma] Maruyama T, et al. **Rinsho Hoshasen** 1984 Sep;29(9):1025-7 (Eng. Abstr.) (Jpn)

[Retrorectal neurofibroma] Badowski A, et al. **Wiad Lek** 1984 Sep 15;37(16):1284-7 (Eng. Abstr.) (Pol)

[Dermoid cyst of the retroperitoneal space] Kaczmarek A. **Wiad Lek** 1984 Mar 15;37(6):470-3 (Eng. Abstr.) (Pol)

[Dermoid cyst of the retroperitoneal space] Borisova-Khromenko VM, et al. **Urol Nefrol (Mosk)** 1985 May-Jun;(3):67

[Extra-gonadal germinative tumors of the retroperitoneum. Case report] Jurga L, et al. **Cesk Radiol** 1985 Mar; 39(2):105-7 (Eng. Abstr.) (Slo)

DRUG THERAPY

Phase II trial of mitoguazone in patients with refractory germ cell tumors. Chun H, et al. **Cancer Treat Rep** 1985 Apr; 69(4):461-2

Phase II trial of 1,2-diaminocyclohexane-(4-carboxyphthalato) platinum(II) in patients with refractory germ cell tumors. Chun H, et al. **Cancer Treat Rep** 1985 Apr;69(4):459-60

Bulky germinal tumors: comparison of different induction regimens and significance of residual disease. Kreuser ED, et al. **Eur Urol** 1985;11(3):163-9

VAB-6 as initial treatment of patients with advanced seminoma. Stanton GF, et al. **J Clin Oncol** 1985 Mar; 3(3):336-9

ENZYMOLOGY

Neuron-specific enolase as a marker for neuroblastoma and small-cell carcinoma of the lung. Påhlman S, et al. **Tumour Biol** 1984;5(2):119-26

MORTALITY

Management of retroperitoneal sarcomas and patient survival. Karakousis CP, et al. **Am J Surg** 1985 Sep; 150(3):376-80

Prognostic factors in liposarcoma. Reitan JB, et al. **Cancer** 1985 May 15;55(10):2482-90

PATHOLOGY

Aspiration cytology of solitary schwannoma. Neifer R, et al. **Acta Cytol (Baltimore)** 1985 Jan-Feb;29(1):12-4

Primary retroperitoneal seminoma diagnosed by fine needle aspiration biopsy. A case report. Tao LC, et al. **Acta Cytol (Baltimore)** 1984 Sep-Oct;28(5):598-600

Malignant lymphoma, small non-cleaved, non-Burkitt's type. Kobayashi H, et al. **Acta Pathol Jpn** 1984 Nov; 34(6):1365-73

Heterotopic liver tissue with micronodular cirrhosis. A case report. Pesce C, et al. **Ann Pathol** 1984 Dec;4(5):389-90

Simultaneous local recurrence of retroperitoneal paraganglioma with liver metastases. Aviram R, et al. **Arch Pathol Lab Med** 1985 Apr;109(4):373-4

Retroperitoneal lymphangioleiomyomatosis. A 36-year benign course in a postmenopausal woman. Bhattacharyya AK, et al. **Cancer** 1985 Sep 1;56(5):1144-6

Retroperitoneal germ cell tumors in childhood. A clinical and pathologic study of 11 cases. Lack EE, et al. **Cancer** 1985 Aug 1;56(3):602-8

The development of non-germ cell malignancies within germ cell tumors. A clinicopathologic study of 11 cases. Ulbright TM, et al. **Cancer** 1984 Nov 1;54(9):1824-33

Retroperitoneal mass presentations of B-immunoblastic sarcoma. Waldron JA Jr, et al. **Cancer** 1985 Oct 1; 56(7):1733-41

Primary systemic amyloidosis with a retroperitoneal mass. Idell S, et al. **Clin Exp Rheumatol** 1984 Apr-Jun;2(2):181-3

Abdominal cystic hygroma. Jones AS, et al. **J R Coll Surg Edinb** 1984 Sep;29(5):319-20

Scalp metastases as the initial presentation of malignant fibrous histiocytoma. Chen KT. **J Surg Oncol** 1984 Nov; 27(3):179-80

Malignant smooth muscle tumors of the retroperitoneum and mesentery: a clinicopathologic analysis of 44 cases. Hashimoto H, et al. **J Surg Oncol** 1985 Mar;28(3):177-86

Benign retroperitoneal neurilemoma without von Recklinghausen's disease: a rare occurrence. Steers WD, et al. **J Urol** 1985 May;133(5):846-8

Retroperitoneal cystic lymphangioma. Kapoor VK, et al. **NY State J Med** 1985 Jan;85(1):36-7

Extrapulmonary small cell cancer of the retroperitoneum. Balducci L, et al. **South Med J** 1985 Feb;78(2):221

Residual retroperitoneal tumour tissue in patients treated for metastatic non-seminomatous testicular germ cell tumours: an immunohistochemical investigation. Jacobsen GK, et al. **Tumour Biol** 1985;6(1):25-35

[Alveolar sarcoma of soft tissues in the right psoas muscle] Cobo F, et al. **Ann Chir** 1985 Feb;39(1):43-6 (Eng. Abstr.) (Fre)

[Retroperitoneal and pancreatic mucinous tumors. Immunohistochemical study] Fetissof F, et al. **Ann Pathol** 1985;5(1):53-7 (Eng. Abstr.) (Fre)

[Cytologic diagnosis by transcutaneous puncture of primary retroperitoneal tumors. Apropos of 7 cases] Parsi B, et al. **Arch Anat Cytol Pathol** 1984;32(6):375 (Fre)

[Long-term survival following neuroblastoma stage IV-a case report] Eschenbach C, et al. **Klin Padiatr** 1985 May-Jun;197(3):245-8 (Eng. Abstr.) (Ger)

[The cutting biopsy cannula for histological diagnosis of abdominal and retroperitoneal masses. Sonographic or computed tomographic guided puncture?] Hauenstein KH, et al. **ROFO** 1985 Jul;143(1):96-101 (Eng. Abstr.) (Ger)

[Castleman's lymphoma: a case with retroperitoneal location] Gambacorta G, et al. **Arch De Vecchi Anat Patol** 1983 Jul; 65(2-3):185-94 (Ita)

[Primary retroperitoneal seminoma (description of a case)] Malossini G, et al. **Chir Ital** 1985 Feb;37(1):72-9 (Eng.

Abstr.) **(Ita)**

[Passage from the thigh to the retroperitoneum through the obturator foramen of an enormous recurrent lipoma] Uggeri G, et al. **Chir Ital** 1983 Oct;35(5):640-62 (Eng. Abstr.) **(Ita)**

[A case of primary extragonadal germ cell tumor] Onishi S, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Oct; 75(10):1665-9 (Eng. Abstr.) **(Jpn)**

[Lymphangioleiomyomatosis of the retroperitoneal space] Galil-Ogly GA, et al. **Arkh Patol** 1985;47(3):57-9 (Eng. Abstr.) **(Rus)**

[Multiple primary malignant paragangliomas of the bladder and retroperitoneal space] Nepomniashchaia KV. **Arkh Patol** 1985;47(4):54-7 (Eng. Abstr.) **(Rus)**

[Retroperitoneal non-organic tumors] Aĭvazian AV, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):27-30 (Eng. Abstr.) **(Rus)**

[Retroperitoneal mesenchymoma] Bondarenko NM, et al. **Klin Khir** 1985 May;(5):60 **(Rus)**

[Metachronous bilateral cystic lymphangioma of the retroperitoneal space in a pregnant woman] Seleznika NI. **Klin Khir** 1985 May;(5):60-1 **(Rus)**

[Retroperitoneal mesenchymoma] Nartsissov TV, et al. **Sov Med** 1984;(12):114-6 **(Rus)**

[Mesonephroma in a male patient] Mateev SD. **Vrach Delo** 1985 May;(5):99-101 **(Rus)**

[Primary retroperitoneal neoplasms of histiocytic origin] Zuluaga Gómez A, et al. **Actas Urol Esp** 1984 Jul-Aug; 8(4):279-88 (Eng. Abstr.) **(Spa)**

[Retroperitoneal tumor in a case of Von Recklinghausen's disease] Diaz-Faes JG, et al. **Rev Esp Enferm Apar Dig** 1984 Oct;66(4):323-7 (Eng. Abstr.) **(Spa)**

[Retroperitoneal enteroid cystadenocarcinoma (possible intestinal origin)] Vara Thorbeck C, et al. **Rev Esp Enferm Apar Dig** 1984 Oct;66(4):329-34 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

A retroperitoneal endocrine carcinoma. Yajima A, et al. **Cancer** 1984 Nov 1;54(9):2040-2

RADIOGRAPHY

Recurrent and metastatic retroperitoneal hemangiopericytoma. Hacken JB, et al. **J Comput Tomogr** 1985 Jul;9(3):257-9

[A retroperitoneal malignant granular myoblastoma] Leenders JH, et al. **Ned Tijdschr Geneeskd** 1984 Nov 24; 128(47):2217-9 (Eng. Abstr.) **(Dut)**

[Malignant-appearing retroperitoneal lymphography findings in Whipple's disease--a source of possible misdiagnosis] Chételat CA, et al. **Schweiz Med Wochenschr** 1985 Mar 16;115(11):364-8 (Eng. Abstr.) **(Ger)**

[A case of retroperitoneal fibrosis simulating ruptured abdominal aorta aneurysm in computed axial tomography] Torchio G, et al. **Minerva Cardioangiol** 1985 May; 33(5):305-8 (Eng. Abstr.) **(Ita)**

[A case report of retroperitoneal malignant schwannoma] Okamura K, et al. **Hinyokika Kiyo** 1984 Aug;30(8):1045-51 (Eng. Abstr.) **(Jpn)**

[A case of retroperitoneal liposarcoma] Uchida K, et al. **Hinyokika Kiyo** 1984 Jun;30(6):781-5 (Eng. Abstr.) **(Jpn)**

[Correlation between lymphangiography and abdominal computed tomography in the diagnosis of malignant lymphoma of the retroperitoneal lymph nodes] Sampi K, et al. **Rinsho Ketsueki** 1985 Mar;26(3):362-6 (Eng. Abstr.) **(Jpn)**

[Diagnostic retropneumoperitoneum] Bryc S. **Ann Univ Mariae Curie Sklodowska [Med]** 1982;37:27-34 (Eng. Abstr.) **(Pol)**

[Ancillary sign of the retroperitoneal localization of neoplasms] Pecheniuk VN, et al. **Vrach Delo** 1984 Nov; (11):95-6 **(Rus)**

RADIONUCLIDE IMAGING

[Angiographic and scintigraphic localization of a nonfunctional, nonchromaffin paraganglioma] Oguma S, et al. **Rinsho Hoshasen** 1984 May;29(5):631-4 (Eng. Abstr.) **(Jpn)**

RADIOTHERAPY

[Case of radiation treatment in retroperitoneal hemangiopericytoma] Nishimura K, et al. **Hinyokika Kiyo** 1984 Jun;30(6):809-15 (Eng. Abstr.) **(Jpn)**

SECONDARY

Aspiration biopsy cytology of metastatic extraskeletal myxoid chondrosarcoma and its cytologic differential diagnosis. Tsang S, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug; 29(4):566-9

Alterations in the CT image following retroperitoneal lymphadenectomy in early stage non-seminomatous testicular tumor. von Krogh J, et al. **Acta Radiol [Diagn] (Stockh)** 1985 Mar-Apr;26(2):187-91

Retroperitoneal tumour infiltration detected by bone scanning in patients with infiltrating lobular carcinoma of the breast. Wilkinson MJ, et al. **Br J Surg** 1985 Aug; 7(8):626-8

Retroperitoneal malignancies several years after initial treatment of germ cell cancer of the testis. Maatman T, et al. **Cancer** 1984 Nov 1;54(9):1962-5

The role of chemotherapy and surgery in the treatment of retroperitoneal metastases in advanced nonseminomatous testis cancer. Vugrin D, et al. **Cancer** 1985 May 1; 55(9):1874-8

Retroperitoneal lymph node metastasis from testicular tumor hidden by vena cava transposition. Baumüller A, et al. **Eur Urol** 1985;11(3):206-8

Retroperitoneal metastatic spread of malignant Brenner tumor. Friedman M, et al. **Gynecol Obstet Invest** 1984; 18(5):234-7

Radiological evaluation of malignant metastatic retroperitoneal lymphadenopathies. Fuchs WA. **J Belge Radiol** 1985;68(1):1-4

Lumbosacral plexopathy in cancer patients [letter] **Neurology** 1985 Sep;35(9):1392-3

[Clinical value of testicular lymphangiography in diagnosis of retroperitoneal metastases] Takasaki N, et al. **Hinyokika Kiyo** 1984 Nov;30(11):1599-610 (Eng. Abstr.) **(Jpn)**

[A case of recurrent yolk sac tumor of the testis in childhood: bulky retroperitoneal metastatic tumors cured by tumor resection and chemotherapy] Terachi T, et al. **Hinyokika Kiyo** 1985 Mar;31(3):507-16 (Eng. Abstr.) **(Jpn)**

[Malignant retroperitoneal fibrosis: clinical presentation as a single pelvic mass (letter)] Martínez Vea A, et al. **Med Clin (Barc)** 1985 May 11;84(18):756 **(Spa)**

SURGERY

The role of second-look procedures in the management of retroperitoneal tumors in children. Grosfeld JL, et al. **Am J Pediatr Hematol Oncol** 1984 Winter;6(4):441-7

Primary retroperitoneal tumours in adults. Kairaluoma MI, et al. **Ann Chir Gynaecol** 1984;73(6):313-8

Treatment of lymphocele in renal allograft recipients. Greenberg BM, et al. **Arch Surg** 1985 Apr;120(4):501-4

Radical retroperitoneal tumor surgery with resection of the psoas major muscle. Shafir M, et al. **Cancer** 1985 Aug 15; 56(4):929-33

Nonchromaffin paraganglioma of the retroperitoneum. Kryger-Baggesen N, et al. **J Urol** 1985 Sep;134(3):536-8

Surgical complications of neuroblastoma resection. Azizkhan RG, et al. **Surgery** 1985 May;97(5):514-7

[Successful extirpation of a huge retroperitoneal sarcoma] Stoianov G, et al. **Khirurgiia (Sofiia)** 1984;37(4):320-1 **(Bul)**

[Aorto-bi-iliac resection for retroperitoneal tumor. Surgical problems] Giraud C, et al. **Ann Chir** 1985 Apr;39(3):191-4 (Eng. Abstr.) **(Fre)**

[A new case of a voluminous (10.8 kg) retroperitoneal lipoma] Fodha M, et al. **Tunis Med** 1984 Mar-Apr;62(2):145-8 (Eng. Abstr.) **(Fre)**

[Retroperitoneal tumor in the pelvis] Berg R, et al. **Zentralbl Gynakol** 1985;107(7):440-1 (Eng. Abstr.) **(Ger)**

[Retroperitoneal tumors] Barigazzi A, et al. **Chir Ital** 1982 Dec;34(6):897-918 (Eng. Abstr.) **(Ita)**

[Cystic neoformations of the retroperitoneal space (4 case reports)] Danieli D, et al. **Chir Ital** 1983 Apr;35(2):157-79 (Eng. Abstr.) **(Ita)**

[Retroperitoneal tumors. Tactics, technics and surgical results] Serio G, et al. **Chir Ital** 1983 Feb;35(1):3-37 (Eng. Abstr.) **(Ita)**

[Primary retroperitoneal sarcomas] Aricò A, et al. **Minerva Chir** 1984 Dec 15-31;39(23-24):1679-88 (Eng. Abstr.) **(Ita)**

[A case of voluminous retroperitoneal hemangiopericytoma] Maglio G, et al. **Minerva Chir** 1984 Sep 30;39(18):1269-73 (Eng. Abstr.) **(Ita)**

[Late results of combined treatment of retroperitoneal myxoid liposarcoma] Strutyńska M, et al. **Wiad Lek** 1985 Apr 15;38(8):592-5 (Eng. Abstr.) **(Pol)**

[Reoperations in retroperitoneal tumors of non-organic origin] Dovgaliuk AZ, et al. **Vestn Khir** 1984 Nov; 133(11):48-52 (Eng. Abstr.) **(Rus)**

THERAPY

Primary retroperitoneal sarcomas. A review of 36 cases. Wist E, et al. **Acta Radiol [Oncol]** 1985 Jul-Aug;24(4):305-10

Soft tissue sarcomas arising in the retroperitoneal space in children. A report from the Intergroup Rhabdomyosarcoma Study (IRS) Committee. Crist WM, et al. **Cancer** 1985 Oct 15;56(8):2125-32

An evaluation of surgical treatment and chemotherapy of advanced neuroblastoma (stage III & IV) with special reference to proliferation kinetics of residual tumors. Ogita S, et al. **J Pediatr Surg** 1985 Apr;20(2):150-4

Results of multimodality therapy of resectable soft-tissue sarcomas of the retroperitoneum. Glenn J, et al. **Surgery** 1985 Mar;97(3):316-25

RETROPERITONEAL SPACE

Retroperitoneal hemorrhage after percutaneous nephrostomy. Cronan JJ, et al. **AJR** 1985 Apr;144(4):801-3

Radiological case of the month. Pneumoretroperitoneum following blunt abdominal trauma. Weinberg HD, et al. **Am J Dis Child** 1985 Mar;139(3):317-8

Spontaneous retroperitoneal hemorrhage during oral anticoagulant therapy [letter] Estivill Pallejà X, et al. **Arch Intern Med** 1985 Aug;145(8):1531, 1534

Spontaneous retroperitoneal bleeding associated with raised right ventricular pressure and dilatation of the inferior vena cava. Pocock RD, et al. **Clin Cardiol** 1984 Dec;7(12):671-2

Retroperitoneal abscess following sclerotherapy for hemorrhoids. Ribbans WJ, et al. **Dis Colon Rectum** 1985 Mar;28(3):188-9

Lumbar abscess resulting from appendicitis. Turner G, et al. **J R Soc Med** 1984 Oct;77(10):884-7

Mortality in retroperitoneal hematoma. Selivanov V, et al. **J Trauma** 1984 Dec;24(12):1022-7

Retroperitoneal hematomas of traumatic origin. Henao F, et al. **Surg Gynecol Obstet** 1985 Aug;161(2):106-16

[Retroperitoneal cysts. Apropos of 50 cases] Guivarc'h M, et al. **Chirurgie** 1984;110(8-9):734-42 (Eng. Abstr.) **(Fre)**

[Retroperitoneal cyst: a little known internal medicine problem] Ramadori G, et al. **Z Gastroenterol** 1984 Nov; 22(11):661-4 (Eng. Abstr.) **(Ger)**

[Cystic neoformations of the retroperitoneal space (4 case reports)] Danieli D, et al. **Chir Ital** 1983 Apr;35(2):157-79 (Eng. Abstr.) **(Ita)**

[Retroperitoneal hematoma caused by a renal angiomyolipoma (review of the literature and diagnostic-therapeutic considerations)] Felici E, et al. **Chir Ital** 1984 Feb;36(1):49-57 (41 ref.) (Eng. Abstr.) **(Ita)**

[Bochdalek's hernia with retroperitoneal contents in adults] Murabito R, et al. **Chir Ital** 1983 Dec;35(6):933-40 (Eng. Abstr.) **(Ita)**

[Ultrasonic diagnosis of retroperitoneal abscess] Juszczyk Z. **Wiad Lek** 1984 Oct 15;37(20):1627-30 (Eng. Abstr.) **(Pol)**

[Giant retroperitoneal cyst] Tychmanowicz K, et al. **Wiad Lek** 1985 Jan 1;38(1):71-3 (Eng. Abstr.) **(Pol)**

[Late postoperative abscesses of the abdominal cavity] Poliakov NG, et al. **Khirurgiia (Mosk)** 1985 May;(5):115-7 **(Rus)**

[Spontaneous retroperitoneal hemorrhage and anticoagulant treatment: presentation of 4 cases and review of the literature] Estivill X, et al. **Med Clin (Barc)** 1984 Nov 3; 83(14):587-92 (Eng. Abstr.) **(Spa)**

BLOOD SUPPLY

CT evaluation of the retroperitoneal vasculature. Wechsler RJ, et al. **CRC Crit Rev Diagn Imaging** 1985;24(3):237-91 (62 ref.)

INJURIES

[Tomodensitometric evaluation of retroperitoneal damage caused by translumbar aortography] Gandini G, et al. **Radiol Med (Torino)** 1984 May;70(5):304-9 (Eng. Abstr.) **(Ita)**

[Combined gunshot injury to the organs of the abdominal cavity and retroperitoneal space] Chernobrovyĭ NP, et al. **Vestn Khir** 1984 Sep;133(9):100-1 **(Rus)**

INNERVATION

[Method of long-term retroperitoneal block in acute pancreatitis] Sakhautdinov VG, et al. **Vestn Khir** 1984 Aug; 133(8):36-8 (Eng. Abstr.) **(Rus)**

METABOLISM

Retroperitoneal reabsorption of extravasated urine in renal transplant patients. Schultze Kool LJ, et al. **Radiology** 1984 Dec;153(3):625-6

[The transfer of cefmenoxime into the retroperitoneal fluid after extensive panhysterectomy] Yamamoto T, et al. **Jpn J Antibiot** 1984 Sep;37(9):1599-602 (Eng. Abstr.) **(Jpn)**

MICROBIOLOGY

Experimental retroperitoneal infection. Kisida E, et al. **Acta Chir Hung** 1985;26(3):141-3

PHYSIOPATHOLOGY

A large retroperitoneal encapsulation of bile from a spontaneous perforation of the common bile duct. Satake K, et al. **Am J Gastroenterol** 1985 Apr;80(4):279-83

RADIOGRAPHY

CT of retrorenal fluid collections. Love L, et al. **AJR** 1985 Jul;145(1):87-91

Radiological case of the month. Pneumoretroperitoneum and pulmonary interstitial emphysema. Cifuentes RF, et al. **Am J Dis Child** 1985 Apr;139(4):423-4

Pneumomediastinum and retropneumoperitoneum: an unusual complication of syrup-of-ipecac-induced emesis. Wolowodiuk OJ, et al. **Ann Emerg Med** 1984 Dec; 13(12):1148-51

Extraperitoneal gas: compartmental localization and identification of source. Han SY, et al. **J Can Assoc Radiol** 1985 Mar;36(1):17-21

Retroperitoneal manifestations of sarcoidosis on computed tomography. Meranze S, et al. **J Comput Assist Tomogr** 1985 Jan-Feb;9(1):50-2

Computed tomography demonstration of retroperitoneal contrast material extravasation complicating translumbar aortography. Nunez D Jr, et al. **J Comput Tomogr** 1985 Jan;9(1):69-71

Retroperitoneal malacoplakia. Radin DR, et al. **Urol Radiol** 1984;6(3-4):218-20

SURGERY

Approach to the abdominal retroperitoneum in patients with gynecologic malignancies. Lubicz S. **Gynecol Oncol** 1985 Sep;22(1):32-9

Chylous ascites complicating genitourinary oncological surgery. Ferrigni RG, et al. **J Urol** 1985 Oct;134(4):774-6

RETROPNEUMOPERITONEUM

METHODS

[Diagnostic retropneumoperitoneum] Bryc S. **Ann Univ Mariae Curie Sklodowska [Med]** 1982;37:27-34 (Eng. Abstr.) **(Pol)**

RETROSPECTIVE STUDIES

Retrospective information from questionnaires. II. Intrarater reliability and comparison of questionnaire types. Herrmann N. **Am J Epidemiol** 1985 Jun;121(6):948-53

Retrospective information from questionnaires. I. Comparability of primary respondents and their next-of-kin. Herrmann N. **Am J Epidemiol** 1985 Jun; 121(6):937-47

Statistical problems associated with cohort studies of workers in an industry. Nair RC. **Ann Acad Med Singapore** 1984 Apr;13(2 Suppl):317-20

RETROVIRIDAE

Establishment of enzootic bovine leucosis virus producing cell lines, using a Queensland isolate of the virus. Chung YS, et al. **Aust Vet J** 1984 Sep;61(9):306-7

Bovine leukemia virus, a versatile agent with various pathogenic effects in various animal species. Burny A, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4578s-4582s (43 ref.)

The avian reticuloendotheliosis virus, strain T (REV). Shen PF, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1983 Sep;16(3):217-75 (226 ref.)

Retroviruses 3. **Curr Top Microbiol Immunol** 1984;112:1-115

Bovine leukemia virus. Ghysdael J, et al. **Curr Top Microbiol Immunol** 1984;112:1-19 (127 ref.)

Transformation by feline retroviruses. Sherr CJ. **Pharmacol Ther** 1984;26(1):45-58 (116 ref.)

Induction of AIDS-like disease in macaque monkeys with T-cell tropic retrovirus STLV-III. Letvin NL, et al. **Science** 1985 Oct 4;230(4721):71-3

ANALYSIS

Identification of caprine arthritis-encephalitis retrovirus proteins in immunodiffusion precipitin lines. Adams DS, et al. **J Gen Virol** 1985 May;66 (Pt 5):1139-43

Purification and characterization of the major envelope glycoprotein of simian foamy virus type 1. Benzair AB, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1449-55

Monoclonal antibodies to murine retrovirus protein p30. Chuat JC, et al. **J Gen Virol** 1985 Sep;66 (Pt 9):1855-62

Molecular biological characterization of a highly leukaemogenic virus isolated from the mouse. IV. Viral proteins. Dekaban GA, et al. **J Gen Virol** 1984 Oct;65 (Pt 10):1791-802

Similarity between p15E of murine and feline leukaemia viruses and p21 of HTLV [letter] Cianciolo GJ, et al. **Nature** 1984 Oct 11-17;311(5986):515

Similarities among retrovirus proteins [letter] Patarca R, et al. **Nature** 1984 Dec 6-12;312(5994):496

Use of a focal immunofluorescence assay on live cells for quantitation of retroviruses: distinction of host range classes in virus mixtures and biological cloning of dual-tropic murine leukemia viruses. Sitbon M, et al. **Virology** 1985 Feb;141(1):110-8

Purification and chemical and immunological characterization of avian reticuloendotheliosis virus gag-gene-encoded structural proteins. Tsai WP, et al. **Virology** 1985 Jan 30;140(2):289-312

Retrovirus RD114 p30 is bound by the extracellular matrix proteins, fibronectin and laminin. Salonen EM, et al. **Virus Res** 1984;1(5):427-31

CLASSIFICATION

Detection and prevalence of serotypes of feline syncytial spumaviruses. Flower RL, et al. **Arch Virol** 1985; 83(1-2):53-63

DRUG EFFECTS

Inhibitors of reverse transcriptase and retrovirus replication. De Clercq E. **Arzneimittelforschung** 1985;35(6):1007-8

In vitro recovery of resistant retrovirus isolates after exposure to phosphonoformate [letter] Muratore O, et al. **Eur J Clin Microbiol** 1984 Oct;3(5):447-9

Coumermycin inhibition of murine retrovirus replication in cultured cells. Varnier OE, et al. **J Antimicrob Chemother** 1984 Aug;14(2):139-47

ENZYMOLOGY

Protein-tyrosine kinases. Hunter T, et al. **Annu Rev Biochem** 1985;54:897-930 (239 ref.)

Reverse transcriptase of rat liver associated with the endogenous retrovirus related to the mouse intracisternal A-particles. Salganik RI, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):492-9

Integrative recombination--a role for the retroviral reverse transcriptase. Skalka AM, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:651-9

Some characteristics of a porcine retrovirus from a cell line derived from swine malignant lymphomas. Suzuka I, et al. **FEBS Lett** 1985 Apr 8;183(1):124-8

Mitochondrial class II introns encode proteins related to the reverse transcriptases of retroviruses. Michel F, et al. **Nature** 1985 Aug 15-21;316(6029):641-3

Reverse transcriptase rides again [news] Varmus HE. **Nature** 1985 Apr 18-24;314(6012):583-4

[Relation of RNA-dependent DNA-polymerase from the rat liver with virus-like particles] Pyrinova GB, et al. **Mol Biol (Mosk)** 1984 Jul-Aug;18(4):919-24 (Eng. Abstr.) **(Rus)**

[Changes in the RNA-dependent DNA-polymerase activity of retrovirus-like particles in the rat liver during postnatal ontogeny] Pyrinova GB, et al. **Ontogenez** 1984 Nov-Dec; 15(6):637-43 (Eng. Abstr.) **(Rus)**

GENETICS

Retroviruses as chromosomal genes in the mouse. Kozak CA. **Adv Cancer Res** 1985;44:295-336 (237 ref.)

Fusion proteins in retroviral transformation. Moelling K. **Adv Cancer Res** 1985;43:205-39 (170 ref.)

Oncogene research: closing in on a better understanding of cancer causation. Tronick SR, et al. **Ann NY Acad Sci** 1984; 437:150-60 (65 ref.)

Two oncogenes in avian carcinoma virus MH2: myc and mht. Papas TS, et al. **Anticancer Res** 1985 Jan-Feb; 5(1):73-9

Retroviral oncogenes and human neoplasia. Reddy EP. **Basic Life Sci** 1985;33:153-68

Production of cytotoxic factor(s) in human T cell lines transformed by a human retrovirus. Hinuma S, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1052-8

Methylation and expression of bovine leukemia proviral DNA. Kashmiri SV, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):126-33

Bovine leukemia virus post-envelope gene coded protein: evidence for expression in natural infection. Yoshinaka Y, et al. **Biochem Biophys Res Commun** 1985 Aug 30; 131(1):347-54

Comparative analysis of the human and feline c-sis proto-oncogenes. Identification of 5' human c-sis coding sequences that are not homologous to the transforming gene of simian sarcoma virus. van den Ouweland AM, et al. **Biochim Biophys Acta** 1985 Jun 24;825(2):140-7

Viruses, genes, and cancer. II. Retroviruses and cancer genes. Bishop JM. **Cancer** 1985 May 15;55(10):2329-33

Retroviruses and retrotransposons: the role of reverse transcription in shaping the eukaryotic genome. Baltimore D. **Cell** 1985 Mar;40(3):481-2 (34 ref.)

Genes with promoters in retrovirus vectors can be independently suppressed by an epigenetic mechanism. Emerman M, et al. **Cell** 1984 Dec;39(3 Pt 2):449-67

Expression of the normal human sis/PDGF-2 coding sequence induces cellular transformation. Gazit A, et al. **Cell** 1984 Nov;39(1):89-97

Transforming protein of simian sarcoma virus stimulates autocrine growth of SSV-transformed cells through PDGF cell-surface receptors. Huang JS, et al. **Cell** 1984 Nov;39(1):79-87

The Gv-1 locus coordinately regulates the expression of multiple endogenous murine retroviruses. Levy DE, et al. **Cell** 1985 May;41(1):289-99

Cell surface expression of the McDonough strain of feline sarcoma virus fms gene product (gp 140fms). Manger R, et al. **Cell** 1984 Dec;39(2 Pt 1):327-37

Retroviral DNA integration. Panganiban AT. **Cell** 1985 Aug; 42(1):5-6 (11 ref.)

Transmembrane orientation of glycoproteins encoded by the v-fms oncogene. Rettenmier CW, et al. **Cell** 1985 Apr; 40(4):971-81

Carbohydrate-binding proteins of tumor lines with different growth properties. I. Differences in their pattern for three clones of rat fibroblasts transformed with a myeloproliferative sarcoma virus. Gabius HJ, et al. **Cell Tissue Res** 1985;241(1):9-15

Properties of the myc-gene product: nuclear association, inhibition of transcription and activation in stimulated lymphocytes. Moelling K, et al. **Curr Top Microbiol Immunol** 1984;113:198-207

Nucleic acid sequence database VI: Retroviral oncogenes and cellular proto-oncogenes. Chen HR, et al. **DNA** 1985 Apr;4(2):171-82 (120 ref.)

Specific transforming potential of oncogenes encoding protein-tyrosine kinases. Mathey-Prevot B, et al. **EMBO J** 1985 Jul;4(7):1769-74

The v-sis/PDGF-2 transforming gene product localizes to cell membranes but is not a secretory protein. Robbins KC, et al. **EMBO J** 1985 Jul;4(7):1783-92

Comparison of the entire genomes of bovine leukemia virus and human T-cell leukemia virus and characterization of their unidentified open reading frames. Sagata N, et al. **EMBO J** 1984 Dec 20;3(13):3231-7

Transformation of mammalian fibroblasts and macrophages in vitro by a murine retrovirus encoding an avian v-myc oncogene. Vennström B, et al. **EMBO J** 1984 Dec 20; 3(13):3223-9

Transfer of genes into embryonal carcinoma cells by retrovirus infection: efficient expression from an internal promoter. Wagner EF, et al. **EMBO J** 1985 Mar;4(3):663-6

The myc proteins are not associated with chromatin in mitotic cells. Winqvist R, et al. **EMBO J** 1984 Dec 1; 3(12):2947-50

Identification of a potential protease-coding gene in the genomes of bovine leukemia and human T-cell leukemia viruses. Sagata N, et al. **FEBS Lett** 1984 Dec 3;178(1):79-82

Human genome: proto-oncogenes and proretroviruses. Kisselev LL, et al. **Folia Biol (Praha)** 1985;31(2):121-34

Amino acid sequence homology between protein products of oncogenes and hormones (v-myc--gastrin and oxytocin; v-sis--secretin). Korec E, et al. **Folia Biol (Praha)** 1985; 31(2):161-6

Molecular cloning of integrated proviral DNA of bovine leukaemia virus from virus-producing foetal lamb kidney cells. Nyakatura G, et al. **Folia Biol (Praha)** 1985; 31(2):115-20

Methylation pattern of the bovine leukemia provirus genome in bovine leukemic cells. Ogawa Y, et al. **Gann** 1985 Jan; 76(1):5-8

Differential expression of a glycoprotein (p15E-RT) of retroviral origin in patients suffering from various hematological disorders. Jacquemin PC. **Hamatol Bluttransfus** 1985;29:204-6

Proliferation in vivo and in vitro of haemopoietic progenitor cells induced by AF-1, a new ras-containing retrovirus. Johnson GR, et al. **Hamatol Bluttransfus** 1985;29:376-9

Molecular studies of human T cell leukemia/lymphotropic retroviruses. Wong-Staal F. **Hamatol Bluttransfus** 1985; 29:326-30

Viruses as tumor initiators and tumor promoters. zur Hausen H. **Hamatol Bluttransfus** 1985;29:306-7

Viruses, genes, and cancer. Bishop JM. **Harvey Lect** 1982-83; 78:137-72

Enhancement of primate retrovirus synthesis by tumour promoters. Wunderlich V, et al. **IARC Sci Publ** 1984; (56):299-304

Mr 75,000 protein, a tumor marker in renal adenocarcinoma, reacting with antibodies to a synthetic peptide based on a cloned human endogenous retroviral nucleotide sequence. Wahlström T, et al. **Int J Cancer** 1985 Sep 15;36(3):379-82

Three independent polyproteins coded by the gag gene of type-D retrovirus in a continuous human cell line. Morozov VA, et al. **Int J Tissue React** 1984;6(4):281-9

Immunological and biochemical characterization of HZ2 feline sarcoma virus and Abelson murine leukaemia virus translation products. Lederman L, et al. **J Gen Virol** 1985 Sep;66 (Pt 9):2057-63

Nucleotide sequence and topography of chicken c-fps. Genesis of a retroviral oncogene encoding a tyrosine-specific protein kinase. Huang CC, et al. **J Mol Biol** 1985 Jan 20;181(2):175-86

Pattern of nucleotide substitution and the extent of purifying selection in retroviruses. Graur D. **J Mol Evol** 1984-85; 21(3):221-31

Phytohemagglutinin activation of the transcription of the bovine leukemia virus genome requires de novo protein synthesis. Chatterjee R, et al. **J Virol** 1985 Jun;54(3):880-3

Integration of type B retroviral DNA in virus-induced primary murine thymic lymphomas. Dekaban GA, et al. **J Virol** 1984 Dec;52(3):784-92

Retrovirus D/New England and its relation to Mason-Pfizer monkey virus. Desrosiers RC, et al. **J Virol** 1985 May; 54(2):552-60

Characterization of cellular sequences flanking an integrated bovine leukemia virus genome. Gelmann EP, et al. **J Virol** 1984 Dec;52(3):988-90

Primer binding sites corresponding to several tRNA species are present in DNAs of different members of the same retrovirus-like gene family (VL30). Itin A, et al. **J Virol** 1985 Apr;53(4):236-9

Role of the 3' long open reading frame region of bovine leukemia virus in the maintenance of cell transformation. Kettmann R, et al. **J Virol** 1985 Jun;54(3):899-901

A Mus dunni cell line that lacks sequences closely related to endogenous murine leukemia viruses and can be infected by ectropic, amphotropic, xenotropic, and mink cell focus-forming viruses. Lander MR, et al. **J Virol** 1984 Nov; 52(2):695-8

The pX region of the bovine leukemia virus is transcribed as a 2.1-kilobase mRNA. Mamoun RZ, et al. **J Virol** 1985 May;54(2):625-9

Varying the position of a retrovirus packaging sequence results in the encapsidation of both unspliced and spliced RNAs. Mann R, et al. **J Virol** 1985 May;54(2):401-7

Nucleotide sequence of the Syrian hamster intracisternal A-particle gene: close evolutionary relationship of type A particle gene to types B and D oncovirus genes. Ono M, et al. **J Virol** 1985 Aug;55(2):387-94

Characterization of human endogenous retroviral envelope RNA transcripts. Rabson AB, et al. **J Virol** 1985 Oct; 56(1):176-82

Genetic mapping of endogenous RD-114 retroviral sequences of domestic cats. Reeves RH, et al. **J Virol** 1985 Oct;56(1):303-6

Molecular genetic characterization of the RD-114 gene family of endogenous feline retroviral sequences. Reeves

RH, et al. **J Virol** 1984 Oct;52(1):164-71

Nucleotide sequence of a full-length human endogenous retroviral segment. Repaske R, et al. **J Virol** 1985 Jun; 54(3):764-72

In vitro transcription analysis of the viral promoter involved in c-myc activation in chicken B lymphomas: detection and mapping of two RNA initiation sites within the reticuloendotheliosis virus long terminal repeat. Ridgway AA, et al. **J Virol** 1985 Apr;53(4):161-70

Tissue-specific expression of the newly acquired ecotropic Emv-18 provirus in Fv-2 congenic mice. Robson IB, et al. **J Virol** 1985 Jul;55(1):54-9

Recombination between a defective retrovirus and homologous sequences in host DNA: reversion by patch repair. Schwartzberg P, et al. **J Virol** 1985 Mar; 53(3):719-26

A defective ecotropic provirus closely linked to the albino locus. Silver J. **J Virol** 1985 Aug;55(2):494-6

3'-Terminal region of avian carcinoma virus MH2 shares sequence elements with avian sarcoma viruses Y73 and SR-A. Sutrave P, et al. **J Virol** 1984 Nov;52(2):703-5

Insertional activation of c-myc by reticuloendotheliosis virus in chicken B lymphoma: nonrandom distribution and orientation of the proviruses. Swift RA, et al. **J Virol** 1985 Jun;54(3):869-72

Nucleic acid sequences of the oncogene v-rel in reticuloendotheliosis virus strain T and its cellular homolog, the proto-oncogene c-rel. Wilhelmsen KC, et al. **J Virol** 1984 Oct;52(1):172-82

Transcription of intracisternal A-particle genes in mouse myeloma and Ltk- cells. Wujcik KM, et al. **J Virol** 1984 Oct;52(1):29-36

Experimental infection of sheep and goat with bovine leukemia virus: localization of proviral information on the target cells. Kettmann R, et al. **Leuk Res** 1984;8(6):937-44

Characterization of a retrovirus shuttle vector capable of either proviral integration or extrachromosomal replication in mouse cells. Berger SA, et al. **Mol Cell Biol** 1985 Feb; 5(2):305-12

Suppression of tropomyosin synthesis, a common biochemical feature of oncogenesis by structurally diverse retroviral oncogenes. Cooper HL, et al. **Mol Cell Biol** 1985 May; 5(5):972-83

Nucleotide sequence analysis and enhancer function of long terminal repeats associated with an endogenous African green monkey retroviral DNA. Kessel M, et al. **Mol Cell Biol** 1985 Jun;5(6):1335-42

Intracisternal A-particle gene expression in normal mouse thymus tissue: gene products and strain-related variability. Kuff EL, et al. **Mol Cell Biol** 1985 Mar;5(3):474-83

The long terminal repeat of an endogenous intracisternal A-particle gene functions as a promoter when introduced into eucaryotic cells by transfection. Lueders KK, et al. **Mol Cell Biol** 1984 Oct;4(10):2128-35

Complete nucleotide sequence of the Drosophila transposable element copia: homology between copia and retroviral proteins. Mount SM, et al. **Mol Cell Biol** 1985 Jul; 5(7):1630-8

Molecular cloning of lymphadenopathy-associated virus. Alizon M, et al. **Nature** 1984 Dec 20-1985 Jan 2; 312(5996):757-60

Molecular cloning of AIDS-associated retrovirus. Luciw PA, et al. **Nature** 1984 Dec 20-1985 Jan 2;312(5996):760-3

A retroviral provirus closely associated with the Ren-2 gene of DBA/2 mice. Burt DW, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8579-93

Functional RNA polymerase II promoters in solitary retroviral long terminal repeats (LTR-IS elements). Köhrer K, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2631-45

Structure and genomic organization of a new family of murine retrovirus-related DNA sequences (MuRRS). Schmidt M, et al. **Nucleic Acids Res** 1985 May 24; 13(10):3461-70

Expression of a mouse long terminal repeat is cell cycle-linked. Augenlicht LH, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):1946-9

Spatial distribution of transcripts of the long repeated ETn sequence during early mouse embryogenesis. Brûlet P, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2054-8

High-efficiency gene transfer into mammalian cells: generation of helper-free recombinant retrovirus with broad mammalian host range. Cone RD, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6349-53

Friend and Moloney murine leukemia viruses specifically recombine with different endogenous retroviral sequences to generate mink cell focus-forming viruses. Evans LH, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):459-63

Expression of human adenosine deaminase using a transmissable murine retrovirus vector system. Friedman RL. **Proc Natl Acad Sci USA** 1985 Feb;82(3):703-7

Blockade of autocrine stimulation in simian sarcoma virus-transformed cells reverses down-regulation of platelet-derived growth factor receptors. Garrett JS, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7466-70

Treatment of mice with 5-azacytidine efficiently activates silent retroviral genomes in different tissues. Jaenisch R, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1451-5

In vitro mutagenesis of the v-sis transforming gene defines functional domains of its growth factor-related product. King CR, et al. **Proc Natl Acad Sci USA** 1985 Aug; 82(16):5295-9

Viral integration near c-myc in 10-20% of mcf 247-induced AKR lymphomas. Li Y, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6808-11

Identification of a retrovirus-like repetitive element in human DNA. Mager DL, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7510-4

A retroviral myc gene induces preneoplastic transformation of lymphocytes in a bursal transplantation assay. Neiman P, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):222-6

The retrovirus pol gene encodes a product required for DNA integration: identification of a retrovirus int locus. Panganiban AT, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(24):7885-9

Construction of a retrovirus capable of transducing and expressing genes in multipotential embryonic cells. Rubenstein JL, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(22):7137-40

Complete nucleotide sequence of the genome of bovine leukemia virus: its evolutionary relationship to other retroviruses. Sagata N, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):677-81

Evidence that a major class of mouse endogenous long terminal repeats (LTRs) resulted from recombination between exogenous retroviral LTRs and similar LTR-like elements (LTR-IS). Schmidt M, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6696-700

Integration-specific retrovirus expression in embryonal carcinoma cells. Sorge J, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6627-31

Introduction of a selectable gene into different animal tissue by a retrovirus recombinant vector. Stuhlmann H, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7151-5

Genomic structure and possible retroviral origin of the chicken CR1 repetitive DNA sequence family. Stumph WE, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(21):6667-71

Efficient insertion of genes into the mouse germ line via retroviral vectors. van der Putten H, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6148-52

Insertion of genes into retrovirus genomes and of retrovirus DNA into cell genomes. Emerman M, et al. **Prog Med Virol** 1985;32:174-88 (30 ref.)

Hypothesis on the molecular basis of nononcogenic retroviral diseases. Clements JE. **Rev Infect Dis** 1985 Jan-Feb; 7(1):68-74 (36 ref.)

A new class of endogenous human retroviral genomes. Callahan R, et al. **Science** 1985 Jun 7;228(4704):1208-11

Murine retroviral vectors and human gene therapy [letter] Cooper DN. **Science** 1985 May 10;228(4700):650, 653

Bovine leukemia virus long terminal repeat: a cell type-specific promoter. Derse D, et al. **Science** 1985 Jan 18;227(4684):317-20

Requirement for a signal sequence in biological expression of the v-sis oncogene. Hannink M, et al. **Science** 1984 Dec 7;226(4679):1197-9

Construction and recovery of viable retroviral genomes carrying a bacterial suppressor transfer RNA gene. Lobel LI, et al. **Science** 1985 Apr 19;228(4697):329-32

AIDS virus genomes [news] Marx JL. **Science** 1985 Feb 1; 227(4686):503

The long terminal repeat sequences of a novel human endogenous retrovirus. O'Connell CD, et al. **Science** 1984 Dec 7;226(4679):1204-6

Trans activation of the bovine leukemia virus long terminal repeat in BLV-infected cells. Rosen CA, et al. **Science** 1985 Jan 18;227(4684):320-2

Nucleotide sequence and expression of an AIDS-associated retrovirus (ARV-2). Sanchez-Pescador R, et al. **Science** 1985 Feb 1;227(4686):484-92

Malignant transformation of erythroid cells in vivo by introduction of a nonreplicating retrovirus vector. Wolff L, et al. **Science** 1985 Jun 28;228(4707):1549-52

The role of promoter insertion in the induction of neoplasia. Makowski DR, et al. **Surv Synth Pathol Res** 1984;3(4):342-9 (41 ref.)

A rapid screening procedure for the isolation of nonconditional replication mutants of Mason-Pfizer monkey virus: identification of a mutant defective in pol. Chatterjee S, et al. **Virology** 1985 Feb;141(1):65-76

Nucleotide sequence and structure of integrated bovine leukemia virus long terminal repeats. Derse D, et al. **Virology** 1985 Feb;141(1):162-6

Detection and characterization of simian retroviruses homologous to human T-cell leukemia virus type I. Komuro A, et al. **Virology** 1984 Oct 30;138(2):373-8

ERV3, a full-length human endogenous provirus: chromosomal localization and evolutionary relationships. O'Connell C, et al. **Virology** 1984 Oct 30;138(2):225-35

The nucleotide sequence of the env gene and post-env region of bovine leukemia virus. Rice NR, et al. **Virology** 1984 Oct 15;138(1):82-93

Molecular cloning of integrated caprine arthritis-encephalitis virus. Yaniv A, et al. **Virology** 1985 Sep;145(2):340-5

Genetic relatedness between intracisternal A particles and other major oncovirus genera. Chiu IM, et al. **Virus Res** 1985 Jul;3(1):1-11

[Construction of an infectious retroviral vector for the expression of eucaryotic genes] Yeramian P, et al. **C R Acad Sci [III]** 1985;300(7):255-60 (Eng. Abstr.) **(Fre)**

[Retrovirus, oncogenes and transformation] Varnier OE, et al. **Quad Sclavo Diagn** 1984 Dec;20(4):418-34 (Eng. Abstr.) **(Ita)**

[Leukemogenic genes derived from retrovirus env genes] Amanuma H. **Nippon Rinsho** 1984 Sep;42(9):2145-52 (25 ref.) **(Jpn)**

[Cell-transforming genes] Choraży M, et al. **Postepy Biochem** 1983;29(3-4):261-98 (110 ref.) **(Pol)**

[Regions of the human genome containing homologs of the oncogenes and retrovirus genes. 3. The primary structure of the mos-related region CL-1 from the ORAgp5 locus] Zabarovskiĭ ER, et al. **Bioorg Khim** 1985 Mar;11(3):380-90 (Eng. Abstr.) **(Rus)**

[Molecular biology characteristics of cattle leukemia virus] Kolomiets AG, et al. **Eksp Onkol** 1984;6(1):3-10 (85 ref.) (Eng. Abstr.) **(Rus)**

[Regions of human genome-containing analogs of oncogenes and retroviral genes. II. A new class of retrovirus-like elements] Chumakov IM, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):425-32 (Eng. Abstr.) **(Rus)**

[Retroviral oncogenes and their cellular proto-oncogenes] Zabarovskiĭ ER. **Mol Biol (Mosk)** 1985 Jan-Feb;19(1):9-35 (139 ref.) (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Isolation and characterization of cell clones producing various amounts of bovine leukosis virus. Altaner C, et al. **Folia Biol (Praha)** 1985;31(2):107-14

Proliferation and differentiation requirements for the induction of two retroviral loci during B-cell activation. Stoye JP, et al. **J Gen Virol** 1985 Jan;66 (Pt 1):109-20

Inactivation by wet and dry heat of AIDS-associated retroviruses during factor VIII purification from plasma [letter] Levy JA, et al. **Lancet** 1985 Jun 22;1(8443):1456-7

Bovine leukemia virus inhibiting activity in fetal calf serum. Cereda PM, et al. **Microbiologica** 1984 Jul;7(3):251-6

[Testing the susceptibility of cultured cells to infection with bovine leukemia virus] Bobáková M, et al. **Vet Med (Praha)** 1985 May;30(5):267-74 (Eng. Abstr.) **(Slo)**

IMMUNOLOGY

Cellular and humoral cytotoxicity in patients with leukaemia and preleukaemia. II. Oncovirus specificity of the reaction. Szabó B, et al. **Acta Microbiol Hung** 1984;31(4):365-72

Comparison of the commercial agar-gel immunodiffusion test and radioimmunoprecipitation assay for detection of antibodies to bovine leukemia virus. Jacobsen KL, et al. **Am J Vet Res** 1985 Jul;46(7):1430-3

Blood from bovine leukemia virus-infected cattle: antigen production correlated with infectivity. Miller LD, et al. **Am J Vet Res** 1985 Apr;46(4):808-10

The major internal protein, p27, of a retrovirus-like particle participates in immune complex formation in psoriasis. Iversen OJ, et al. **Arch Virol** 1985;86(1-2):37-45

A survey for antibody to caprine retrovirus. Campbell J, et al. **Aust Vet J** 1984 Nov;61(11):368

Antibody to a synthetic peptide detects a conserved region of retrovirus transmembrane proteins. Copeland TD, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):672-7

Study of the expression of a glycoprotein of retroviral origin in the plasma of patients with hematologic disorders and in the plasma of normal individuals. Jacquemin PC, et al. **Blood** 1984 Oct;64(4):832-41

Retroviruses and schizophrenia [letter] Robert-Guroff M, et al. **Br J Psychiatry** 1985 Mar;146:326

Retroviral antigens and tumours. Evan GI, et al. **Br Med Bull** 1985 Jan;41(1):59-62 (26 ref.)

Serological study of the incidence and prevalence of antibodies to bovine leukemia virus in aged sera. Hugh-Jones ME, et al. **Can J Comp Med** 1984 Oct; 48(4):422-4

Antigens and circulating immune complexes related to the primate retroviral glycoprotein SiSVgp70. Indicators of early mortality in human acute leukemias and chronic myelogenous leukemias in blast crisis. Hehlmann R, et al. **Cancer** 1984 Dec 15;54(12):2927-35

An amplified immunoperoxidase assay to detect bovine leukemia virus expression: development and comparison with other assays. Esteban EN, et al. **Cancer Res** 1985 Jul; 45(7):3231-5

Cull rates of dairy cattle with antibodies to bovine leukemia virus. Thurmond MC, et al. **Cancer Res** 1985 May; 45(5):1987-9

Antigens and circulating immune complexes related to the primate retroviral glycoprotein SiSV gp70: prevalence and distribution in human sera. Schetters H, et al. **Eur J Cancer Clin Oncol** 1985 Jun;21(6):687-700

A new agglutination test for serum antibodies to adult T-cell leukemia virus. Ikeda M, et al. **Gann** 1984 Oct;75(10):845-8

Discrimination of leukemias, lymphomas, and non-neoplastic controls by retroviral serum markers. Hehlmann R, et al. **Hamatol Bluttransfus** 1985;29:207-14

Cross-reactivity of a normal human cell surface antigen with primate retrovirus glycoproteins. Sparrow RL, et al. **Hum Immunol** 1985 Jun;13(2):83-93

Ultrastructural demonstration of retrovirus antigens with immuno-gold staining in prodromal acquired immune deficiency syndrome. Feremans WW, et al. **J Clin Pathol** 1984 Dec;37(12):1399-403

Characterization of the endogenous retroviral envelope glycoproteins found in the sera of ev3 and ev6 chickens. Hadwiger A, et al. **J Gen Virol** 1985 Sep;66 (Pt 9):2051-6

Antibodies to bovine leukemia virus and presence of malignant lymphoma in slaughtered California dairy cattle. Thurmond MC, et al. **JNCI** 1985 Mar;74(3):711-4

Prevalence of antibodies to AIDS-associated retrovirus in single men in San Francisco [letter] Anderson RE, et al. **Lancet** 1985 Jan 26;1(8422):217

Antibodies to simian T-lymphotropic retrovirus type III in African green monkeys and recognition of STLV-III viral proteins by AIDS and related sera. Kanki PJ, et al. **Lancet** 1985 Jun 8;1(8441):1330-2

Antibodies to primate retrovirus antigens in circulating immune complexes of patients with acute myeloid leukemia. Anh-Tuan N, et al. **Leuk Res** 1984;8(5):863-71

A survey for maternal antibodies to bovine leukemia virus (BLV) in calves born to cows infected with BLV. Ohshima K, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):583-6

Development of practical ELISA for detection of antibodies to bovine leukemia virus: a comparison of its sensitivity with that of virus neutralization and agar gel immunodiffusion tests. Takahashi K, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):193-200

Monoclonal antibody defining a human syncytiotrophoblastic polypeptide immunologically related to mammalian retrovirus structural protein p30. Wahlström T, et al. **Placenta** 1984 Nov-Dec;5(6):465-73

HTLV-I-reactive antibody in the northern and eastern Transvaal [letter] Botha MC, et al. **S Afr Med J** 1985 May 4;67(18):707

Absence of antibodies reactive with simian AIDS virus surface antigens in sera of vervet monkeys and baboons [letter] van der Riet FD, et al. **S Afr Med J** 1985 Apr 27;67(17):662-3

Prevalence of antibodies to lymphadenopathy-associated retrovirus in African patients with AIDS. Brun-Vézinet F, et al. **Science** 1984 Oct 26;226(4673):453-6

Serologic identification and characterization of a macaque T-lymphotropic retrovirus closely related to HTLV-III. Kanki PJ, et al. **Science** 1985 Jun 7;228(4704):1199-201

Bovine leukemia virus-related antigens in lymphocyte cultures infected with AIDS-associated viruses. Thiry L, et al. **Science** 1985 Mar 22;227(4693):1482-4

Existence of cytotoxic activity against BLV-transformed cells in lymphocytes from normal cattle and sheep. Yamamoto S, et al. **Vet Immunol Immunopathol** 1985 Jan; 8(1-2):63-78

Preparation and evaluation of antigens used in serological tests for caprine syncytial retrovirus antibody in sheep and goat sera. Coackley W, et al. **Vet Microbiol** 1984 Oct; 9(6):581-6

An attempt to protect calves against experimental bovine leukosis using allografts. Roberts DH, et al. **Vet Microbiol** 1985 Apr;10(3):231-9

[Detection of cytotoxic antibodies in the serum of cattle with leukemia] Granátová M, et al. **Vet Med (Praha)** 1985 Aug; 30(8):449-56 (Eng. Abstr.) **(Cze)**

[Purification of the 2 major antigens of bovine leukosis virus for the purpose of immunoenzymatic detection of antibodies to this virus] Maris P, et al. **Ann Pharm Fr** 1984; 42(1):57-67 (Eng. Abstr.) **(Fre)**

[Production of gp 51 of bovine leukosis virus in tumor tissue cells without lysis of cells by cytotoxic antibodies against gp 51] Ristau E, et al. **Arch Exp Veterinarmed** 1984 Sep; 38(5):722-8 (Eng. Abstr.) **(Ger)**

[Comparative serological studies of blood and milk samples for the diagnosis of enzootic leukosis in cattle using AGIDT and ELISA] Bauer T, et al. **DTW** 1984 Sep 7; 91(9):313-4, 317 (Eng. Abstr.) **(Ger)**

[Seroepidemiologic study of the occurrence of enzootic bovine leukosis in Switzerland using agar gel immunodiffusion and ELISA in blood and milk serum] Vincenz E, et al. **Schweiz Arch Tierheilkd** 1985 Mar; 127(3):185-203 (Eng. Abstr.) **(Ger)**

[Stimulation of immunoreactivity against endogenous retroviruses and protection against leukemia in aged AKR mice after vaccination with antibodies to viral surface components. The role of antibodies to p15(E)] Schwarz H, et al. **Z Naturforsch [C]** 1984 Nov-Dec; 39(11-12):1199-202 (Eng. Abstr.) **(Ger)**

ISOLATION & PURIFICATION

Role of insects in the transmission of bovine leukosis virus: potential for transmission by stable flies, horn flies, and tabanids. Buxton BA, et al. **Am J Vet Res** 1985 Jan; 46(1):123-6

Caprine arthritis-encephalitis virus isolated from Michigan goats. Pawlisch RA, et al. **Am J Vet Res** 1984 Sep; 45(9):1808-11

The major internal protein, p27, of a retrovirus-like particle is expressed in blood lymphocytes from psoriatic patients. Iversen OJ, et al. **Arch Virol** 1985;85(3-4):197-207

Some evidence of mechanical transmission of reticuloendotheliosis virus by mosquitoes. Motha MX, et al. **Avian Dis** 1984 Oct-Dec;28(4):858-67

Establishment and characterization of adult T-cell leukemia virus-containing B-cell lines derived from peripheral blood of adult T-cell leukemia patients. Miyamoto K, et al. **Gann** 1984 Aug;75(8):655-9

Simian AIDS--evidence for a retroviral etiology. Gardner M, et al. **Hematol Oncol** 1984 Jul-Sep;2(3):259-68

Isolation of simian retroviruses closely related to human T-cell leukemia virus by establishment of lymphoid cell lines from various non-human primates. Tsujimoto H, et al. **Int J Cancer** 1985 Mar 15;35(3):377-84

Retrovirus-like particles in Hodgkin's disease. Min KW, et al. **Iowa Med** 1985 Aug;75(8):353-5

Several classes of retroviruses are produced by an AKR mouse T lymphoma cell line. Hays EF, et al. **J Gen Virol** 1984 Nov;65 (Pt 11):1943-53

Oncogenic retrovirus from spontaneous murine osteomas. I. Isolation and biological characterization. Schmidt J, et al. **J Gen Virol** 1984 Dec;65 (Pt 12):2237-48

Isolation of bluetongue and related viruses from Culicoides spp. in the Sudan. Mellor PS, et al. **J Hyg (Lond)** 1984 Dec;93(3):621-8

Dark-field focus assay: an improved method for the quantification of transforming retroviruses. Auersperg N. **J Virol Methods** 1984 Nov;9(3):223-5

International findings point to third hepatitis virus [news] Marwick C. **JAMA** 1984 Dec 14;252(22):3091-2

RNA tumor virus-like particles in thymus cells of patients with myasthenia gravis. Ono A, et al. **Keio J Med** 1983 Nov;32(1-2):49-57

Isolation of AIDS-associated retroviruses from cerebrospinal fluid and brain of patients with neurological symptoms. Levy JA, et al. **Lancet** 1985 Sep 14;2(8455):586-8

Recovery and inactivation of infectious retroviruses from factor VIII concentration. Levy JA, et al. **Lancet** 1984 Sep 29;2(8405):722-3

Viruses as risk factors or causes of human leukaemias and lymphomas? de Thé G, et al. **Leuk Res** 1985;9(6):691-6

Retroviruses in Kaposi-sarcoma cells in AIDS [letter] Gyorkey F, et al. **N Engl J Med** 1984 Nov 1;311(18):1183-4

Purification and protein composition of endogenous rat viruses. Hlubinová K, et al. **Neoplasma** 1984;31(6):631-40

Transmission of simian acquired immunodeficiency syndrome (SAIDS) with type D retrovirus isolated from saliva or urine. Gravell M, et al. **Proc Soc Exp Biol Med** 1984 Dec; 177(3):491-4

Investigations into the association of retroviruses with ovine lymphoma. Dixon RJ, et al. **Res Vet Sci** 1985 Jan; 38(1):126-8

Isolation of T-cell tropic HTLV-III-like retrovirus from macaques. Daniel MD, et al. **Science** 1985 Jun 7; 228(4704):1201-4

Spherical bodies. Nesland JM, et al. **Ultrastruct Pathol** 1984; 7(1):73-8

Biological and biochemical characterization of a new isolate of feline sarcoma virus: Theilen-Pedersen (TP1-FeSV). Ziemiecki A, et al. **Virology** 1984 Oct 30;138(2):324-31

[Caprine arthritis-encephalitis virus (CAEV). Short review] Russo P. **Ann Rech Vet** 1984;15(1):3-6 (16 ref.) (Eng. Abstr.) **(Fre)**

[Retroviruses and acquired immunodeficiency syndrome (AIDS)] Chermann JC, et al. **Bull Acad Natl Med (Paris)** 1984 Jan-Feb;168(1-2):288-95 (Eng. Abstr.) **(Fre)**

[AIDS: is Retrovirus HTLV-III the causative agent?] Thiele HG. **Immun Infekt** 1984 Oct;12(5):256-8 **(Ger)**

[Association of retrovirus D with human malignant neoplasms] Pavliuchenkova RP, et al. **Vopr Virusol** 1984 Sep-Oct;29(5):593-6 (Eng. Abstr.) **(Rus)**

METABOLISM

Intracellular type A retrovirus movement associated with an intact microtubule system. Heine UI, et al. **J Gen Virol** 1985 Feb;66 (Pt 2):275-82

Purification and N-terminal amino acid sequence comparisons of structural proteins from retrovirus-D/Washington and Mason-Pfizer monkey virus. Henderson LE, et al. **J Virol** 1985 Sep;55(3):778-87

Polypeptides of Mason-Pfizer monkey virus. I. Synthesis and processing of the gag-gene products. Bradac J, et al. **Virology** 1984 Oct 30;138(2):260-75

PATHOGENICITY

Development of lymphosarcoma in sheep after inoculation with bovine leucosis virus. Rogers RJ, et al. **Aust Vet J** 1984 Jun;61(6):196-8

Factors affecting the infectivity of lymphocytes from cattle with bovine leukosis virus. Buxton BA, et al. **Can J Comp Med** 1984 Oct;48(4):365-9

The hazards of retroviruses associated with monoclonal antibody production. Thornton DH, et al. **Dev Biol Stand** 1984;57:9-12

Simian AIDS--evidence for a retroviral etiology. Gardner M, et al. **Hematol Oncol** 1984 Jul-Sep;2(3):259-68

High- and low-leukemogenic variants of the radiation leukemia virus (RadLV): immunogenic, suppressive and genetic properties in relation to leukemogenic activity. Yefenof E, et al. **Int J Cancer** 1984 Dec 15;34(6):875-82

Viral aetiology of adult T-cell leukaemia. Yamamoto N, et al. **J Gen Virol** 1985 Aug;66 (Pt 8):1641-60 (141 ref.)

Experimental infection of rhesus monkeys with type D retrovirus. Letvin NL, et al. **J Virol** 1984 Nov;52(2):683-6

Rapid induction of hemopoietic neoplasms in newborn mice by a raf(mil)/myc recombinant murine retrovirus. Rapp UR, et al. **J Virol** 1985 Jul;55(1):23-33

Development of virus-accelerated thymic lymphoma in AKR mice. Kato A, et al. **JNCI** 1985 Sep;75(3):491-7

Human thymus retrovirus--is human thymus retrovirus a pathogenic virus for human autoimmune diseases? Ono A, et al. **Keio J Med** 1985 Mar;34(1):1-16 (36 ref.)

Animal models: lessons from feline and bovine leukaemia virus infections. Onions D. **Leuk Res** 1985;9(6):709-11

The location of v-src in a retrovirus vector determines whether the virus is toxic or transforming. Tarpley WG, et al. **Mol Cell Biol** 1984 Dec;4(12):2653-60

Transformation of mononuclear phagocytes in vivo and malignant histiocytosis caused by a novel murine spleen focus-forming virus. Franz T, et al. **Nature** 1985 May 9-15; 315(6015):149-51

Pathogenicity of avian reoviruses isolated from tendons and tendon sheaths of chickens with leg weakness. Takase K, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):467-73

Exploring carcinogenesis with retroviral and cellular oncogenes. Bishop JM. **Prog Med Virol** 1985;32:5-14

Differences in lymphomagenic properties of AKR mouse retroviruses. Hays EF, et al. **Virology** 1984 Oct 15; 138(1):49-57

PHYSIOLOGY

Human spumavirus replication in human cells. Loh PC, et al. **J Med Virol** 1984;14(3):247-54

T-lymphocyte T4 molecule behaves as the receptor for human retrovirus LAV. Klatzmann D, et al. **Nature** 1984 Dec 20-1985 Jan 2;312(5996):767-8

Safety of human blood products: inactivation of retroviruses by heat treatment at 60 degrees C. Hilfenhaus J, et al. **Proc Soc Exp Biol Med** 1985 Apr;178(4):580-4

Insertion mutagenesis of embryonal carcinoma cells by retroviruses. King W, et al. **Science** 1985 May 3; 228(4699):554-8

Bovine leukosis virus infectivity in Boophilus microplus ticks. Romero CH, et al. **Vet Rec** 1984 Oct 27;115(17):440-1

Ecotropic and dualtropic mink cell focus-inducing murine leukemia viruses can induce a wide spectrum of H-2 controlled lymphoma types. Zijlstra M, et al. **Virology** 1984 Oct 30;138(2):198-211

[Long-term cultivation of the Mazurenko leukemia virus in mouse and rat cell lines] Seniuta NB, et al. **Eksp Onkol** 1985;7(3):27-30 (Eng. Abstr.) **(Rus)**

[Reproduction and assembly of oncoviruses] Sherban SD, et al. **Eksp Onkol** 1984;6(5):3-9 (75 ref.) (Eng. Abstr.) **(Rus)**

[Increase in the production of oncovirus type C by an L929 cell culture as a result of BCG infection] Klitsunova NV, et al. **Vopr Virusol** 1984 Sep-Oct;29(5):586-9 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Inactivation of lymphadenopathy-associated virus by heat, gamma rays, and ultraviolet light. Spire B, et al. **Lancet** 1985 Jan 26;1(8422):188-9

ULTRASTRUCTURE

Electron microscopic investigation on the fine structure of the virus of enzootic bovine leukosis (BLV). Granzow H, et al. **Arch Geschwulstforsch** 1985;55(3):153-9

Ultrastructural comparison of the retroviruses associated with human and simian acquired immunodeficiency syndromes. Munn RJ, et al. **Lab Invest** 1985 Aug; 53(2):194-9

Retrovirus resembling HTLV in macrophages of patients with AIDS [letter] Gyorkey F, et al. **Lancet** 1985 Jan 12; 1(8420):106

Morphology of the retroviruses associated with AIDS and SAIDS. Lecatsas G, et al. **Proc Soc Exp Biol Med** 1984 Dec;177(3):495-8

[Electron microscopy of bovine leukosis viruses (BLV) in a fetal lamb spleen cell line] Valíček L, et al. **Vet Med (Praha)** 1985 Jan;30(1):37-44 (Eng. Abstr.) **(Cze)**

RETROVIRUS INFECTIONS

Correlation between exposure to human T-cell leukemia-lymphoma virus-III and the development of AIDS. Markham PD, et al. **Ann NY Acad Sci** 1984 437:106-9

Symposium on HTLV. Bethesda, Maryland, December 6 & 7, 1984. **Cancer Res** 1985 Sep;45(9 Suppl):4520s-4711s

Clinical spectrum of HTLV-III in humans. Groopman JE. **Cancer Res** 1985 Sep;45(9 Suppl):4649s-4651s

Clinical spectrum of human retroviral-induced diseases. Urba WJ, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4637s-4643s (68 ref.)

Possible viral etiology of childhood acute lymphosarcoma-cell leukaemia in Kenya. Kasili EG. **IARC Sci Publ** 1984;(63):745-7

A pathogenic retrovirus (HTLV-III) linked to AIDS. Broder S, et al. **N Engl J Med** 1984 Nov 15;311(20):1292-7 (66 ref.)

What are we going to do about AIDS and HTLV-III/LAV infection? [editorial] Merigan TC. **N Engl J Med** 1984 Nov 15;311(20):1311-3

The acquired immune deficiency syndrome and related complex. A report of 2 confirmed cases in Cape Town with comments on human T-cell lymphotropic virus type III infections. Spracklen FH, et al. **S Afr Med J** 1985 Aug 3;68(3):139-43

Acquired immune deficiency syndrome--an overview. Gracie JA, et al. **Scott Med J** 1985 Jan;30(1):1-7

[Is human T-cell leukemia virus the cause of acquired immunodeficiency syndrome?] Rupniewska ZM. **Acta Haematol Pol** 1984 Jan-Jun;15(1-2):69-77 (90 ref.)

(Pol)

BLOOD

Inverse relationship between constitutive gamma interferon production and human T-cell lymphoma/leukemia virus expression in cultured T lymphocytes. Moore JL, et al. **J Virol** 1985 Feb;53(2):440-6

CLASSIFICATION

A classification of HTLV-III infection based on 75 cases seen in a suburban community. Kaplan MH, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4655s-4658s

COMPLICATIONS

A re-evaluation of the viral hypothesis: is psychosis the result of retroviral integration at a site close to the cerebral dominance gene? Crow TJ. **Br J Psychiatry** 1984 Sep; 145:243-53

Lack of evidence for retrovirus infection in schizophrenic patients [letter] DeLisi LE, et al. **Br J Psychiatry** 1985 Jun;146:674-5

Clinical spectrum of infections in patients with HTLV-III-associated diseases. Gold JW. **Cancer Res** 1985 Sep;45(9 Suppl):4652s-4654s

HTLV-III Infection and AIDS in a Zambian nurse resident in Britain [letter] Raine AE, et al. **Lancet** 1984 Oct 27; 2(8409):985

Kaposi's sarcoma in Zaire is not associated with HTLV-III infection [letter] Biggar RJ, et al. N **Engl J Med** 1984 Oct 18;311(16):1051-2

The cause of acquired immunodeficiency syndrome--is it known? Francis DP, et al. **Prog Clin Biol Res** 1985; 182:277-83

[Evidence for the viral etiology of transplantable spontaneous lymphatic leukemia (KPH-Lw-I) in rats (Rattus norvegicus) of the Lewis strain] Křemen J, et al. **Sb Lek** 1984 Sep;86(8-9):225-30 (Eng. Abstr.) **(Cze)**

[Oncogenic virus RNA-HTLV (human T-cell leukemia-lymphoma virus)] Sikorski R, et al. **Pol Tyg Lek** 1984 Aug 27;39(35):1185-7 (Eng. Abstr.) **(Pol)**

[Acquired immunodeficiency syndrome] Budzyński W, et al. **Wiad Lek** 1984 Jul 15;37(14):1097-103 (24 ref.) (Eng. Abstr.) **(Pol)**

DIAGNOSIS

AIDS screening test now available to everyone. Bradford D. **Aust Fam Physician** 1985 May;14(5):463

Pediatric AIDS: a disease spectrum causally associated with HTLV-III infection. Parks WP, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4659s-4661s

Human T-cell leukaemia virus in Africa: possible roles in health and disease. Williams CK, et al. **IARC Sci Publ** 1984; (63):713-26

Adult T-cell leukaemia lymphoma (ATLL) associated with human T-cell leukaemia virus (HTLV). Case report and immunological studies with the neoplastic T-cells of a Caribbean patient. Feenstra H, et al. **Neth J Med** 1985; 28(7):285-90

Seroepidemiological evidence for HTLV-III infection as the primary etiologic factor for acquired immunodeficiency syndrome. Sarngadharan MG, et al. **Prog Clin Biol Res** 1985;182:309-27 (43 ref.)

DRUG THERAPY

Successful chemotherapy with deoxycoformycin in adult T-cell lymphoma-leukaemia. Daenen S, et al. **Br J Haematol** 1984 Dec;58(4):723-7

Implications of the discovery of HTLV-III for the treatment of AIDS. Yarchoan R, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4685s-4688s

Effects of suramin on HTLV-III/LAV infection presenting as Kaposi's sarcoma or AIDS-related complex: clinical pharmacology and suppression of virus replication in vivo. Broder S, et al. **Lancet** 1985 Sep 21;2(8456):627-30

ETIOLOGY

HTLV-III exposure among drug users. Ginzburg HM, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4605s-4608s

Pathobiology of human T-cell leukemia virus. Lee TH, et al. **Prog Clin Biol Res** 1985;182:213-21

FAMILIAL & GENETIC

Concurrence of lymphoma type adult T-cell leukemia in three sisters. Yamaguchi K, et al. **Cancer** 1985 Oct 1; 56(7):1688-90

Abnormalities of chromosome 14 at band 14q11 in Japanese patients with adult T-cell leukemia. Sadamori N, et al. **Cancer Genet Cytogenet** 1985 Jul;17(3):279-82

Cytogenetic studies in human T-cell lymphoma virus (HTLV)-positive leukemia-lymphoma in the United States. Whang-Peng J, et al. **JNCI** 1985 Feb;74(2):357-69

Cluster of HTLV-III/LAV infection in an African family [letter] Jonckheer T, et al. **Lancet** 1985 Feb 16; 1(8425):400-1

Expression of transfected DNA in avian cells can be enhanced in trans by retroviral infection. Cullen BR, et al. **Mol Cell Biol** 1985 Jul;5(7):1804-7

[AIDS: does the control gene pX poison the lymphocytes?] Miketta G. **Fortschr Med** 1984 Dec 20;102(47-48):64-5 **(Ger)**

IMMUNOLOGY

Identification of complex phenotype (OKT4+/OKT8+) on adult T-cell leukemia cells by sequential application of indirect rosette assay with protein A-coated ox red blood cells and immunoperoxidase technic. Tamura K, et al. **Am J Clin Pathol** 1985 Jul;84(1):44-8

Seroepidemiology of human T-cell leukemia virus in the French West Indies: antibodies in blood donors and patients with lymphoproliferative diseases who do not have AIDS. Calender A, et al. **Ann NY Acad Sci** 1984;437:175-6

Antibody seronegative human T-lymphotropic virus type III (HTLV-III)-infected patients with acquired immunodeficiency syndrome or related disorders. Groopman JE, et al. **Blood** 1985 Sep;66(3):742-4

Natural antibodies in sera from Japanese individuals infected with HTLV-I do not recognize HTLV-III. Hattori T, et al. **Blood** 1985 Sep;66(3):745-7

Detection of adult T-cell leukemia-associated antigen in T-cell malignancies in the Nagasaki district of Japan. Amagasaki T, et al. **Cancer** 1984 Nov 15;54(10):2074-81

Molecular and immunologic analysis of a chronic lymphocytic leukemia case with antibodies against human T-cell leukemia virus. Clark JW, et al. **Cancer** 1985 Aug 1;56(3):495-9

Clinical and immunological findings in HTLV-III infection. Krohn KJ, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4612s-4615s

Immunological properties of HTLV-III antigens recognized by sera of patients with AIDS and AIDS-related complex and of asymptomatic carriers of HTLV-III infection. Sarngadharan MG, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4574s-4577s

Experimental infection of rabbits with human T-cell leukemia virus type I. Akagi T, et al. **Gann** 1985 Feb;76(2):86-94

Sera of adult T-cell leukemia patients and carriers of human T-cell leukemia virus type I in Japan do not cross-react with antigens of lymphadenopathy virus. Katamine S, et al. **Gann** 1985 Apr;76(4):245-8

HTLV-positive and -negative T-cell lymphomas. Morphological and immunohistochemical differences between European and HTLV-positive Japanese T-cell lymphomas. Lennert K, et al. **Int J Cancer** 1985 Jan 15; 35(1):65-72

Effect of human serum anti-HTLV antibodies on viral antigen induction in vitro cultured peripheral lymphocytes from adult T-cell leukemia patients and healthy virus carriers. Tochikura T, et al. **Int J Cancer** 1985 Jul 15; 36(1):1-7

Functional and phenotypic studies of Japanese adult T cell leukemia cells. Morimoto C, et al. **J Clin Invest** 1985 Mar; 75(3):836-43

Interleukin 2 acts directly on a Tac-positive cloned B cell line established from a patient with adult T cell leukemia. Arima N, et al. **J Immunol** 1985 Oct;135(4):2474-7

Human T cell leukemia/lymphoma virus-infected antigen-specific T cell clones: indiscriminant helper function and lymphokine production. Volkman DJ, et al. **J Immunol** 1985 Jun;134(6):4237-43

Radioimmunoassay and enzyme-linked immunoassay of antibodies to the core protein (P24) of human T-lymphotropic virus (HTLV III). Neurath AR, et al. **J Virol Methods** 1985 May;11(1):75-86

HLA antigens and adult T-cell leukemia virus infection: a community-based study in the Goto Islands, Japan. Tajima K, et al. **Jpn J Clin Oncol** 1984 Sep;14(3):347-52

Lymphadenopathy and antibodies to HTLV-III in homosexual men. Clinical, laboratory and epidemiological features. Bienzle U, et al. **Klin Wochenschr** 1985 Jul 1; 63(13):597-602

Seroepidemiology of HTLV-III (LAV) in the Federal Republic of Germany. Hunsmann G, et al. **Klin Wochenschr** 1985 Mar 1;63(5):233-5

Acute AIDS retrovirus infection. Definition of a clinical illness associated with seroconversion. Cooper DA, et al. **Lancet** 1985 Mar 9;1(8428):537-40

Human T-lymphotropic virus type III (HTLV-III) infection in seronegative haemophiliacs after transfusion of factor VIII. Ludlam CA, et al. **Lancet** 1985 Aug 3;2(8449):233-6

Evaluating HTLV-III antibody tests [letter] Prentice RL, et al. **Lancet** 1985 Aug 3;2(8449):274-5

Diversity of clinical spectrum of HTLV-III infection. Valle SL, et al. **Lancet** 1985 Feb 9;1(8424):301-4

Decline of natural cytotoxicity of human lymphocytes following infection with human T-cell leukemia/lymphoma virus (HTLV). De Vecchis L, et al. **Leuk Res** 1985;9(3):349-55

Reactivity of HTLV-transformed human T-cell lines to MHC class II antigens. Suciu-Foca N, et al. **Nature** 1984 Nov 15-21;312(5991):275-7

Acute HTLV III infection [letter] Romeril KR. **NZ Med J** 1985 May 22;98(779):401

High prevalence of antibodies to acquired immune deficiency syndrome (AIDS)-associated retrovirus (ARV) in AIDS and related conditions but not in other disease states. Kaminsky LS, et al. **Proc Natl Acad Sci USA** 1985 Aug; 82(16):5535-9

[AIDS and HTLV-III in West Germany: the status February 1985] Hehlmann R, et al. **Klin Wochenschr** 1985 May 2; 63(9):385-8 **(Ger)**

[Persistent generalized lymphadenopathy: pre-AIDS. First description of a case observed in Italy] Gabrielli GB, et al. **Minerva Med** 1984 Nov 17;75(44):2653-8 (Eng. Abstr.) **(Ita)**

METABOLISM

Detection of pX proteins in human T-cell leukemia virus (HTLV)-infected cells by using antibody against peptide deduced from sequences of X-IV DNA of HTLV-I and Xc DNA of HTLV-II proviruses. Miwa M, et al. **Gann** 1984 Sep;75(9):752-5

The preparation of interferon gamma-producing T-cell hybridomas from jacalin-stimulated T lymphocytes and the SH9 T-cell line. Crane I, et al. **Immunology** 1984 Dec; 53(4):855-9

Expression of HTLV-specific polypeptides in various human T-cell lines. Koyanagi Y, et al. **Med Microbiol Immunol (Berl)** 1984;173(3):127-40

MICROBIOLOGY

Apparent transmission of human T-cell leukemia virus type III to a heterosexual woman with the acquired immunodeficiency syndrome. Groopman JE, et al. **Ann Intern Med** 1985 Jan;102(1):63-6

Acquired immune deficiency syndrome: the causative agent and the evolving perspective. Fischinger PJ. **Curr Probl Cancer** 1985 Jan;9(1):1-39 (110 ref.)

A retrovirus associated with a human leukemia, adult T-cell leukemia. Hinuma Y. **Curr Top Microbiol Immunol** 1985; 115:127-41

The epidemiology of human T-cell leukemia/lymphoma virus. Ito Y. **Curr Top Microbiol Immunol** 1985;115:99-112

Biology of T-cell leukemia virus: search for an animal system. Miyoshi I. **Curr Top Microbiol Immunol** 1985;115:143-56

Some perspectives on the molecular mechanism of in vitro transformation and in vivo leukemogenesis by HTLV. Wong-Staal F. **Curr Top Microbiol Immunol** 1985; 115:211-20

Molecular biology of human T-cell leukemia virus associated with adult T-cell leukemia. Yoshida M, et al. **Curr Top Microbiol Immunol** 1985;115:157-75

Roles of HTLV-I p19 and natural antibody to HTLV-I in host immune responses. Aoki T, et al. **Hamatol Bluttransfus** 1985;29:342-4

The human T-cell leukemia virus family, adult T cell leukemia, and AIDS. Gallo RC, et al. **Hamatol Bluttransfus** 1985;29:317-25

Differential expression of a glycoprotein (p15E-RT) of retroviral origin in patients suffering from various hematological disorders. Jacquemin PC. **Hamatol Bluttransfus** 1985;29:204-6

Antibodies to human T-cell leukemia virus-membrane antigens in macaques with malignant lymphoma. Kanki PJ, et al. **Hamatol Bluttransfus** 1985;29:345-9

HTLV-I antibodies associated with cutaneous T cell lymphoma in Denmark. Lange Wantzin G, et al. **Hamatol Bluttransfus** 1985;29:335-7

Presence of antibodies to the human T-cell leukemia virus HTLV I in German patients with symptoms of AIDS. Wernicke D, et al. **Hamatol Bluttransfus** 1985;29:338-41

Molecular studies of human T cell leukemia/lymphotropic retroviruses. Wong-Staal F. **Hamatol Bluttransfus** 1985; 29:326-30

The molecular biology of human T cell leukemia virus and its roles in leukemogenesis of adult T cell leukemia. Yoshida M, et al. **Hamatol Bluttransfus** 1985;29:331-4

Characterization of human B-cell lines harbouring both adult T-cell leukaemia (ATL) virus and Epstein-Barr virus derived from ATL patients. Koyanagi Y, et al. **J Gen Virol** 1984 Oct;65 (Pt 10):1781-9

Viral aetiology of adult T-cell leukaemia. Yamamoto N, et al. **J Gen Virol** 1985 Aug;66 (Pt 8):1641-60 (141 ref.)

Detection of two human T cell leukemia/lymphotropic viruses in cultured lymphocytes of a hemophiliac with acquired immunodeficiency syndrome. Palmer EL, et al. **J Infect Dis** 1985 Mar;151(3):559-63

The practitioner and AIDS. Gregg MB. **J Med Assoc Ga** 1984 Aug;73(8):555-6

Experimental infection of rhesus monkeys with type D retrovirus. Letvin NL, et al. **J Virol** 1984 Nov;52(2):683-6

Epidemiology of human retroviruses. Blattner WA, et al. **Leuk Res** 1985;9(6):697-8

Clonal selection of human T-cell leukemia virus-infected cells in vivo and in vitro. Hahn B, et al. **Mol Biol Med** 1984 Feb;2(1):29-36

Cellular transformation by human T cell leukemia retroviruses (HTLV). Sarin PS, et al. **Pharmacol Ther** 1985; 27(1):49-62 (72 ref.)

Genomic diversity of the acquired immune deficiency syndrome virus HTLV-III: different viruses exhibit greatest divergence in their envelope genes. Hahn BH, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4813-7

Isolation of infectious human T-cell leukemia/lymphotropic virus type III (HTLV-III) from patients with acquired immunodeficiency syndrome (AIDS) or AIDS-related complex (ARC) and from healthy carriers: a study of risk groups and tissue sources. Salahuddin SZ, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5530-4

HTLV-I, the prototype human retrovirus: epidemiologic features. Blattner WA, et al. **Prog Clin Biol Res** 1985; 182:223-43 (57 ref.)

A new human retrovirus associated with acquired immunodeficiency syndrome (AIDS) or AIDS-related complex. Chermann JC, et al. **Prog Clin Biol Res** 1985; 182:329–42

Adult T-cell leukemia virus, blood donors and transfusion: experience in Japan. Okochi K, et al. **Prog Clin Biol Res** 1985;182:245–56

Hairy cell leukemia and human T cell leukemia virus. Wachsman W, et al. **Semin Oncol** 1984 Dec;11(4):446–50

[Is non-A non-B hepatitis connected to a retrovirus? (letter)] Mathé G. **Biomed Pharmacother** 1985;39(1):39 **(Fre)**

[AIDS—a virus infection?] Abb J, et al. **Hautarzt** 1984 Dec; 35(12):615–6 **(Ger)**

[A new HTLV retrovirus associated with human T-cell leukemia/lymphoma] Kiselev FL. **Eksp Onkol** 1984; 6(3):3–9 (56 ref.) (Eng. Abstr.) **(Rus)**

OCCURRENCE

Expressions of HTLV-III infection in a pediatric population. Pahwa S, et al. **Adv Exp Med Biol** 1985;187:45–51

Seroepidemiology of human T-lymphotropic virus type III among homosexual men with the acquired immunodeficiency syndrome or generalized lymphadenopathy and among asymptomatic controls in Boston. Groopman JE, et al. **Ann Intern Med** 1985 Mar; 102(3):334–7

Persistent infection with human T-lymphotropic virus type III/lymphadenopathy-associated virus in apparently healthy homosexual men. Jaffe HW, et al. **Ann Intern Med** 1985 May;102(5):627–8

Immunoglobulin G antibodies to lymphadenopathy-associated virus in differently treated French and Belgian hemophiliacs. Rouzioux C, et al. **Ann Intern Med** 1985 Apr;102(4):476–9

Racial and other characteristics of human T cell leukemia/lymphoma (HTLV-I) and AIDS (HTLV-III) in Trinidad. Bartholomew C, et al. **Br Med J [Clin Res]** 1985 Apr 27;290(6477):1243–6

HTLV-III infection in homosexuals and hemophiliacs in Sweden. Biberfeld G, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4609s–4611s

Epidemiology of human lymphotrophic retroviruses: an overview. Blattner WA, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4598s–4601s

Human T-cell leukemia-lymphoma virus type 1 and adult T-cell leukemia-lymphoma in Okinawa. Clark JW, et al. **Cancer Res** 1985 Jun;45(6):2849–52

Human T-cell leukemia/lymphoma viruses: clinical and epidemiologic features. Blattner WA, et al. **Curr Top Microbiol Immunol** 1985;115:67–88

Seroepidemiology of adult T-cell leukemia virus in Taiwan. Pan IH, et al. **Gann** 1985 Jan;76(1):9–11

Virus-associated lymphomas, leukaemias and immunodeficiencies in Africa. de-Thé G. **IARC Sci Publ** 1984;(63):727–44

Incidence of adult T-cell leukemia-lymphoma and its familial clustering. Kondo T, et al. **Int J Cancer** 1985 Jun 15; 35(6):749–51

Screening for HTLV-III antibodies: the relation between prevalence and positive predictive value and its social consequences [letter] **JAMA** 1985 Jun 21;253(23):3395–8

Human T-lymphotropic retrovirus type III/lymphadenopathy-associated virus antibody. Association with hemophiliacs' immune status and blood component usage. Jason J, et al. **JAMA** 1985 Jun 21; 253(23):3409–15

T-lymphoma associated with HTLV-I outside the Caribbean and Japan [letter] **Lancet** 1985 Aug 10;2(8450):337–8

Rising prevalence of human T-lymphotropic virus type III (HTLV-III) infection in homosexual men in London. Carne CA, et al. **Lancet** 1985 Jun 1;1(8440):1261–2

Distribution and possible spread of human T-cell leukaemia virus type I in human communities in the northern and eastern Transvaal. Botha MC, et al. **S Afr Med J** 1985 Apr 27;67(17):668–71

Evidence for exposure to HTLV-III in Uganda before 1973. Saxinger WC, et al. **Science** 1985 Mar 1;227(4690):1036–8

PATHOLOGY

Human T-cell leukemia/lymphoma syndrome. Christian ES, et al. **Am Fam Physician** 1985 Jul;32(1):155–60

Immunohistopathology of lymph nodes in HTLV-III infected homosexuals with persistent adenopathy or AIDS. Biberfeld P, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4665s–4670s

Lymph node pathology of HTLV and HTLV-associated neoplasms. Jaffe ES, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4662s–4664s

Interleukin 2 inhibits in vitro growth of human T cell lines carrying retrovirus. Sugamura K, et al. **J Exp Med** 1985 May 1;161(5):1243–8

A comparative ultrastructural study of virions in human pre-AIDS and simian AIDS. Warner TF, et al. **Ultrastruct Pathol** 1984;7(4):251–8

[Pseudo-mycosis fungoides T-lymphoma associated with an HTLV retrovirus in an African] Lessana-Leibowitch M, et al. **Ann Dermatol Venereol** 1984;111(8):725–6 **(Fre)**

[Ultrastructural characteristics of bone marrow subendosteal region cells in T-cell virus-induced leukemia] Butenko ZA, et al. **Eksp Onkol** 1984;6(3):24–9 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Type C retrovirus production by pancreatic beta cells. Association with accelerated pathogenesis in C3H-db/db ('Diabetes') mice. Leiter EH. **Am J Pathol** 1985 Apr; 119(1):22–32

[Infection by the LAV virus and the acquired immunodeficiency syndrome] Gluckman JC, et al. **Presse Med** 1985 Jul 6;14(27):1451–3 **(Fre)**

PREVENTION & CONTROL

Current status and strategies for vaccines against diseases induced by human T-cell lymphotropic retroviruses (HTLV-I, -II, -III). Fischinger PJ, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4694s–4699s (40 ref.)

Subunit vaccines against exogenous retroviruses: overview and perspectives. Hunsmann G. **Cancer Res** 1985 Sep;45(9 Suppl):4691s–4693s

RADIONUCLIDE IMAGING

[Gallium scintigraphy in adult T-cell leukemia-lymphoma and angioimmunoblastic lymphoadenopathy with dysproteinemia] Shiozaki H, et al. **Kaku Igaku** 1984 Dec; 21(12):1605–11 (Eng. Abstr.) **(Jpn)**

THERAPY

Prospects for treatment of human retrovirus-associated diseases. Bolognesi DP, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4700s–4705s (52 ref.)

[Autologous bone marrow transplantation in a patient with lymphoma type adult T cell leukemia] Asou N, et al. **Rinsho Ketsueki** 1985 Feb;26(2):229–33 (Eng. Abstr.) **(Jpn)**

TRANSMISSION

Antibody to human T-lymphotropic virus type III in wives of hemophiliacs. Evidence for heterosexual transmission. Kreiss JK, et al. **Ann Intern Med** 1985 May;102(5):623–6

Transfusion-mediated spread of the human T-cell leukemia virus in chronic hemodialysis patients in a heavily endemic area, Nagasaki. Hino S, et al. **Gann** 1984 Dec;75(12):1070–5

Infectious transmission of human T-cell leukemia virus to rabbits. Miyoshi I, et al. **Int J Cancer** 1985 Jan 15;35(1):81–5

Frequent transmission of HTLV-III among spouses of patients with AIDS-related complex and AIDS. Redfield RR, et al. **JAMA** 1985 Mar 15;253(11):1571–3

Infection of chimpanzees by human T-lymphotropic retroviruses in brain and other tissues from AIDS patients [letter] Gajdusek DC, et al. **Lancet** 1985 Jan 5;1(8419):55–6

HTLV-III antibody screening in German blood donors [letter] Seidl S, et al. **Lancet** 1985 May 4;1(8436):1047

Postnatal transmission of AIDS-associated retrovirus from mother to infant. Ziegler JB, et al. **Lancet** 1985 Apr 20; 1(8434):896–8

Evidence that immune deficiency after marrow transplantation is not caused by AIDS-associated retrovirus [letter] Atkinson K, et al. **N Engl J Med** 1985 Jul 18;313(3):182–3

Lymphadenopathy syndrome in two thalassemic patients after LAV contamination by blood transfusion [letter] Boiteux F, et al. **N Engl J Med** 1985 Mar 7;312(10):648–9

VETERINARY

Caprine arthritis-encephalitis virus isolated from Michigan goats. Pawlisch RA, et al. **Am J Vet Res** 1984 Sep; 45(9):1808–11

A survey for antibody to caprine retrovirus. Campbell J, et al. **Aust Vet J** 1984 Nov;61(11):368

Biology of T-cell leukemia virus: search for an animal system. Miyoshi I. **Curr Top Microbiol Immunol** 1985;115:143–56

Simian AIDS: evidence for a retrovirus etiology. Gardner M, et al. **Front Radiat Ther Oncol** 1985;19:26–32 (24 ref.)

Visna-like disease in a Minnesota sheep. Schultheiss PC. **J Am Vet Med Assoc** 1985 Apr 15;186(8):811

Non-Hodgkin's lymphoma and HTLV-1 antibodies in a gorilla [letter] Lee RV, et al. **N Engl J Med** 1985 Jan 10; 312(2):118–9

Pathogenicity of avian reoviruses isolated from tendons and tendon sheaths of chickens with leg weakness. Takase K, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):467–73

Iron, transferrin, and acid and alkaline phosphatase in healthy turkeys and in turkeys inoculated with the lymphoproliferative disease virus. Zimber A, et al. **Poult Sci** 1985 Jan;64(1):71–7

Spread and distribution of human T-cell leukaemia virus type I-reactive antibody among baboons and monkeys in the northern and eastern Transvaal. Botha MC, et al. **S Afr Med J** 1985 Apr 27;67(17):665–8

Serodiagnostic aids and management practice for feline retrovirus and coronavirus infections. Barlough JE. **Vet Clin North Am [Small Anim Pract]** 1984 Sep; 14(5):955–69 (58 ref.)

Global survey of serological evidence of caprine arthritis-encephalitis virus infection. Adams DS, et al. **Vet Rec** 1984 Nov 10;115(19):493–5

Infection of lambs with caprine arthritis encephalitis virus by feeding milk from infected goats [letter] Oliver R, et al. **Vet Rec** 1985 Jan 19;116(3):83

Caprine arthritis-encephalitis syndrome (CAE): a review. Al-Ani FK, et al. **Vet Res Commun** 1984 Nov;8(4):243–53 (63 ref.)

[Caprine arthritis-encephalitis virus (CAEV). Short review] Russo P. **Ann Rech Vet** 1984;15(1):3–6 (16 ref.) (Eng. Abstr.) (Fre)

REVERSAL LEARNING

DRUG EFFECTS

[Discrimination reversal learning in rats under the treatment of chlordiazepoxide: effect of overtraining] Ichitani Y, et al. **Shinrigaku Kenkyu** 1984 Aug;55(3):176–80 (Eng. Abstr.) (Jpn)

PHYSIOLOGY

Normal learning set and facilitation of reversal learning in rats with combined fornix-amygdala lesions: implications for preserved learning abilities in amnesia. Fagan A, et al. **Ann NY Acad Sci** 1985;444:510–2

Chronically elevating plasma Mg2+ improves hippocampal frequency potentiation and reversal learning in aged and young rats. Landfield PW, et al. **Brain Res** 1984 Nov 19; 322(1):167–71

Reversal learning by fornix-transected monkeys. Gaffan D, et al. **Q J Exp Psychol [B]** 1984 Aug;36(3):223–34

REVERSE TRANSCRIPTASE

ANALYSIS

Appearance of reverse transcriptase activity in human fetal thymus cells stimulated by human B-cell. Ono A, et al. **Keio J Med** 1983 Dec;32(3–4):73–80

ANTAGONISTS & INHIBITORS

Inhibitors of reverse transcriptase and retrovirus replication. De Clercq E. **Arzneimittelforschung** 1985;35(6):1007–8

Inhibition of RNA-directed DNA polymerase from avian myeloblastosis virus by a 5-benzyl-6-aminouracil. Wright GE, et al. **Biochem Biophys Res Commun** 1985 Jan 16; 126(1):109–16

2'-Fluoro-2'-deoxypolynucleotides as templates and inhibitors for RNA- and DNA-dependent DNA polymerases. Aoyama H, et al. **Biochim Biophys Acta** 1985 Mar 20;824(3):225–32

Inhibitors of retroviral DNA polymerase: their implication in the treatment of AIDS. Chandra P, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4677s–4684s (68 ref.)

Inhibition of reverse transcriptase by limocrocin. Hanajima S, et al. **J Antibiot (Tokyo)** 1985 Jun;38(6):803–5

Chromostin, a novel specific inhibitor against reverse transcriptase. Inouye Y, et al. **J Antibiot (Tokyo)** 1985 Apr; 38(4):519–21

Enzyme inhibition. VIII: Mode of inhibition of reverse transcriptase activity by analogues, isomers, and related alkaloids of coralyne. Sethi ML. **J Pharm Sci** 1985 Aug; 74(8):889–91

BLOOD

Non-A, non-B hepatitis: reverse transcriptase activity? [letter] Hallam NF. **Lancet** 1985 Sep 21;2(8456):665

Detection of reverse transcriptase activity in association with the non-A, non-B hepatitis agent(s). Seto B, et al. **Lancet** 1984 Oct 27;2(8409):941–3

An analysis of serum samples positive for HTLV-III antibodies [letter] Petricciani JC, et al. **N Engl J Med** 1985 Jul 4;313(1):47–8

GENETICS

Long interspersed sequences in mammalian DNA. Properties of newly identified specimens. Rogers JH. **Biochim Biophys Acta** 1985 Feb 20;824(2):113–20

Retroviruses and retrotransposons: the role of reverse transcription in shaping the eukaryotic genome. Baltimore D. **Cell** 1985 Mar;40(3):481–2 (34 ref.)

Mapping the major transcripts of ground squirrel hepatitis virus: the presumptive template for reverse transcriptase is terminally redundant. Enders GH, et al. **Cell** 1985 Aug; 42(1):297–308

Integrative recombination—a role for the retroviral reverse transcriptase. Skalka AM, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:651–9

In vitro translation of fractionated RNA isolated from chicken leukaemic plasma virus (AMV). A 76K pol-related polypeptide. Malý A. **Folia Biol (Praha)** 1984;30(6):404–11

The origin and evolution of retroposons. Rogers JH. **Int Rev Cytol** 1985;93:187–279 (631 ref.)

Mutants of the Rous sarcoma virus reverse transcriptase gene are nondefective in early replication events. Hippenmeyer PJ, et al. **J Biol Chem** 1985 Jul 15;260(14):8250–6

Mitochondrial class II introns encode proteins related to the reverse transcriptases of retroviruses. Michel F, et al. **Nature** 1985 Aug 15–21;316(6029):641–3

Identification of the coding sequence for a reverse transcriptase-like enzyme in a transposable genetic element in Drosophila melanogaster. Saigo K, et al. **Nature** 1984 Dec 13–19;312(5995):659–61

Reverse transcriptase rides again [news] Varmus HE. **Nature** 1985 Apr 18–24;314(6012):583–4

Primary structural comparison of RNA-dependent polymerases from plant, animal and bacterial viruses. Kamer G, et al. **Nucleic Acids Res** 1984 Sep 25

12(18):7269-82
Presence of retrovirus reverse transcriptase-related gene sequences in avian cells lacking endogenous avian leukosis viruses. Dunwiddie C, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5097-101
Expression of enzymatically active reverse transcriptase in Escherichia coli. Tanese N, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4944-8
Reverse transcriptase in introns [news] Lewin R. **Science** 1985 Sep 13;229(4718):1073
[Extrachromosomal elements of Escherichia coli in the fraction containing nucleoprotein complexes of reverse transcriptase with an endogenous template] Romashchenko AG, et al. **Dokl Akad Nauk SSSR** 1984;277(5):1264-6 **(Rus)**

IMMUNOLOGY

Isolation of monoclonal antibodies specific for Rous sarcoma virus structural, polymerase and transforming proteins and their use for the study of mutant virus-infected cells. Kurth R, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):827-37
A small scale indirect 125iodine-labelled protein A binding assay for detection of monoclonal antibodies against avian oncoviral proteins. Tanaka T, et al. **J Immunol Methods** 1984 Dec 31;75(2):217-25
Laboratory and serological studies argue against possible transmission of AIDS by hepatitis B vaccine [letter] Barré-Sinoussi F, et al. **Lancet** 1985 Aug 3;2(8449):274

ISOLATION & PURIFICATION

Purification and characterization of murine retroviral reverse transcriptase expressed in Escherichia coli. Roth MJ, et al. **J Biol Chem** 1985 Aug 5;260(16):9326-35
Improved purification and enzymatic properties of three forms of reverse transcriptase from avian myeloblastosis virus. Kato A, et al. **J Virol Methods** 1984 Dec;9(4):325-39
[Isolation of reverse transcriptase from the avian myeloblastosis virus in preparative quantities] Staverskaia OV, et al. **Ukr Biokhim Zh** 1984 Sep-Oct;56(5):503-14 (Eng. Abstr.) **(Rus)**

METABOLISM

Reverse transcriptase of rat liver associated with the endogenous retrovirus related to the mouse intracisternal A-particles. Salganik RI, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):492-9
Formycin 3' end modified tRNATrp. Recognition by avian myeloblastosis virus reverse transcriptase and primer function. Sarih L, et al. **Biochem Int** 1985 Jul;11(1):117-26
2'-Fluoro-2'-deoxycytidine triphosphate as a substrate for RNA- and DNA-dependent DNA polymerases. Aoyama H, et al. **Biochim Biophys Acta** 1985 Mar 20;824(3):218-24
Optimal conditions for detection of reverse transcriptase activity in human placentas. Leong JC, et al. **Biochim Biophys Acta** 1984 Sep 10;782(4):441-5
Ty element transposition: reverse transcriptase and virus-like particles. Garfinkel DJ, et al. **Cell** 1985 Sep;42(2):507-17
Methods for cDNA cloning and sequencing tobacco mosaic virus RNA. Goelet P, et al. **Gene** 1984 Sep;29(3):331-42
Secondary structure analysis of apolipoprotein II mRNA using enzymatic probes and reverse transcriptase. Evaluation of primer extension for high resolution structure mapping of mRNA. Shelness GS, et al. **J Biol Chem** 1985 Jul 15;260(14):8637-46
Efficient misincorporation by avian myeloblastosis virus reverse transcriptase in the presence of a single deoxyribonucleoside triphosphate. Champoux JJ. **J Mol Appl Genet** 1984;2(5):454-64
RNase H-mediated release of the retrovirus RNA polyadenylate tail during reverse transcription. Olsen JC, et al. **J Virol** 1985 Jan;53(1):324-9
Reverse transcription of Drosophila mobile dispersed genetic element RNAs: detection of intermediate forms. Arkhipova IR, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7533-48
Isolation of a fraction from cauliflower mosaic virus-infected protoplasts which is active in the synthesis of (+) and (-) strand viral DNA and reverse transcription of primed RNA templates. Thomas CM, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4557-76
Secondary structure of the circular form of the Tetrahymena rRNA intervening sequence: a technique for RNA structure analysis using chemical probes and reverse transcriptase. Inoue T, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):648-52
Molecular cloning of the genome of a cardiotropic Coxsackie B3 virus: full-length reverse-transcribed recombinant cDNA generates infectious virus in mammalian cells. Kandolf R, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4818-22
Functional analysis of reverse transcription by a frameshift pol mutant of murine leukemia virus. Messer LI, et al. **Virology** 1985 Oct 15;146(1):146-52
[Relation of RNA-dependent DNA-polymerase from the rat liver with virus-like particles] Pyrinova GB, et al. **Mol Biol (Mosk)** 1984 Jul-Aug;18(4):919-24 (Eng. Abstr.) **(Rus)**
[Changes in the RNA-dependent DNA-polymerase activity of retrovirus-like particles in the rat liver during postnatal ontogeny] Pyrinova GB, et al. **Ontogenez** 1984 Nov-Dec;15(6):637-43 (Eng. Abstr.) **(Rus)**

REVERSE TRIIODOTHYRONINE see **TRIIODOTHYRONINE, REVERSE**

REWARD

Probability-reward preferences of rhesus monkeys. Hill CW, et al. **Am J Psychol** 1985 Spring;98(1):77-84
Central action of substance P: possible role in reward. Stäubli U, et al. **Behav Neural Biol** 1985 Jan;43(1):100-8
Reward related neuronal activity in monkey dorsolateral prefrontal cortex during feeding behavior. Inoue M, et al. **Brain Res** 1985 Feb 11;326(2):307-12
Integrated lateral hypothalamic neural responses to natural and artificial rewards and cue signals in the rat. Ono T, et al. **Brain Res** 1985 Feb 18;327(1-2):303-6
Single neuron activity in dorsolateral prefrontal cortex of monkey during operant behavior sustained by food reward. Ono T, et al. **Brain Res** 1984 Oct 8;311(2):323-32
Hippocampus modulates self-stimulation reward from the ventral tegmental area in the rat. Van Wolfswinkel L, et al. **Brain Res** 1984 Nov 19;322(1):162-6
Cholinergic involvement in lateral hypothalamic rewarding brain stimulation. Yeomans JS, et al. **Brain Res** 1985 Mar 11;329(1-2):19-26
Rewards and adolescent health behavior. Lund AK, et al. **Health Psychol** 1984;3(4):351-83
Attentional deficits of learning-disabled children: effects of rewards and practice. Kistner JA. **J Abnorm Child Psychol** 1985 Mar;13(1):19-31
The influence of reward on comprehension testing of 2-year-old children. Wilson ME, et al. **J Commun Disord** 1984 Aug;17(4):261-75
Observing response acquisition: preference for unpredictable appetitive rewards obtained under conditions predicted by DMOD. Daly HB. **J Exp Psychol [Anim Behav]** 1985 Apr;11(2):294-316
Metropolitan Forensic Anthropology Team (MFAT) case studies in identification: 2. Identification of a Vietnamese trophy skull. Taylor JV, et al. **J Forensic Sci** 1984 Oct;29(4):1253-9
Components of reward in social dilemmas. Komorita SS, et al. **J Pers Soc Psychol** 1985 Feb;48(2):364-73
Naloxone reduces alcohol intake in a free-choice procedure even when both drinking bottles contain saccharin sodium or quinine substances. De Witte P. **Neuropsychobiology** 1984;12(2-3):73-7
Endorphinergic modulation of neural reward systems indicated by behavioral changes. Dum J, et al. **Pharmacol Biochem Behav** 1984 Aug;21(2):259-66
Pimozide decreases the positive reinforcing effect of sham fed sucrose in the rat. Geary N, et al. **Pharmacol Biochem Behav** 1985 May;22(5):787-90
Lateralized rewarding brain stimulation affects forepaw preference in rats. Hernandez-Mesa N, et al. **Physiol Behav** 1985 Apr;34(4):495-9
The effects of methadone on operant behavior maintained with and without conditioned reinforcement in the pigeon. Kelly TH, et al. **Psychopharmacology (Berlin)** 1985;86(1-2):212-6
Benzodiazepines reduce the tolerance to reward delay in rats. Thiébot MH, et al. **Psychopharmacology (Berlin)** 1985;86(1-2):147-52
Hypothalamic reward mechanism: two first-stage fiber populations with a cholinergic component. Gratton A, et al. **Science** 1985 Feb 1;227(4686):545-8

REYE'S SYNDROME

Reye's syndrome. Rockoff MA, et al. **Emerg Med Clin North Am** 1983 Apr;1(1):87-100 (27 ref.)
Arginine deficiency, hyperammonemia and Reye's syndrome in ferrets. Deshmukh DR, et al. **Lab Anim Sci** 1985 Jun;35(3):242-5
Reye's syndrome and organ transplantation [letter] Donnelly PK, et al. **Lancet** 1985 Feb 2;1(8423):289
Reye's syndrome and organ transplantation [letter] Mauer SM. **Lancet** 1985 May 18;1(8438):1164
Reye's syndrome--still an elusive entity [editorial] Huttenlocher PR. **West J Med** 1984 Aug;141(2):236-7
Reye's syndrome. Trauner DA. **West J Med** 1984 Aug;141(2):206-9

BLOOD

Leukocyte tubuloreticular inclusions in Reye's syndrome. Tang TT, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):543-5
Confirmation of serum salicylate levels in Reye's syndrome: a comparison between the Natelson colorimetric method and high performance liquid chromatography. Clark JH, et al. **Clin Chim Acta** 1985 Feb 15;145(3):243-7
Hypophosphatemia and Reye's syndrome. Carroll JL, et al. **Crit Care Med** 1985 Jun;13(6):480-2
Effect of Reye's syndrome serum on isolated chinchilla liver mitochondria. Tonsgard JH, et al. **J Clin Invest** 1985 Aug;76(2):816-25
Elevated serum gamma-aminobutyric acid levels in children with Reye's syndrome. Minuk GY, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):528-31

CHEMICALLY INDUCED

Reye syndrome and juvenile rheumatoid arthritis in Michigan. Remington PL, et al. **Am J Dis Child** 1985 Sep;139(9):870-2
Reye's syndrome and aspirin. **Drug Ther Bull** 1984 Oct 8;22(20):79-80
Leads from the MMWR. Update: Reye syndrome pilot study--United States, 1984. **JAMA** 1985 Mar 22-29;253(12):1707
Valproic acid associated abnormalities of carnitine metabolism [letter] Murphy JV, et al. **Lancet** 1985 Apr 6;1(8432):820-1
Update: Reye syndrome pilot study--United States, 1984. **MMWR** 1985 Mar 1;34(8):116
Public Health Service study on Reye's syndrome and medications. Report of the pilot phase. Hurwitz ES, et al. **N Engl J Med** 1985 Oct 3;313(14):849-57
Reye syndrome associated with aspirin therapy for systemic lupus erythematosus. Hansen JR, et al. **Pediatrics** 1985 Aug;76(2):202-5
Study of Reye's-aspirin link raises concerns [news] Kolata G. **Science** 1985 Jan 25;227(4685):391-2

CLASSIFICATION

Clinical features and prognosis of Reye's syndrome [letter] Aiyathurai JE, et al. **Arch Dis Child** 1984 Nov;59(11):1110-1

COMPLICATIONS

Motor disorders of voice and speech in Reye's syndrome survivors. Reitman MA, et al. **Am J Dis Child** 1984 Dec;138(12):1129-31

DIAGNOSIS

Reye's syndrome. Glasgow JF, et al. **Br J Hosp Med** 1985 Jul;34(1):42-5
Systemic carnitine deficiency simulating Reye syndrome [letter] Coates PM, et al. **J Pediatr** 1984 Oct;105(4):679
Grade I Reye's syndrome--outcome and predictors of progression to deeper coma grades. Heubi JE, et al. **N Engl J Med** 1984 Dec 13;311(24):1539-42
The diagnosis and treatment of Reye's syndrome. **Natl Inst Health Consensus Dev Conf Summ** 1981;4(1):7p.
Differentiation of chronic salicylism from Reye syndrome. Quint PA, et al. **Pediatrics** 1984 Dec;74(6):1117-9
[Use of the muscle biopsy in the diagnosis of Reye's syndrome] Gamboa-Marrufo JD, et al. **Bol Med Hosp Infant Mex** 1985 Jun;42(6):348-53 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

A proposed therapy for the encephalopathies of Reye's syndrome and hepatic encephalopathy. Anderson B. **Med Hypotheses** 1984 Dec;15(4):415-20 (30 ref.)

ENZYMOLOGY

Ornithine carbamyl transferase in Reye's syndrome. Deshmukh DR, et al. **Biochem Med** 1984 Dec;32(3):337-40
Platelet-monoamine oxidase activity in Reye's syndrome. Faraj BA, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):532-6
Absence of diffusible inhibitor of glutamate dehydrogenase in the hepatocytes of Reye syndrome patients. Mitchell RA, et al. **Pediatr Res** 1985 Jan;19(1):110-2
Quantitative evaluation of the extent of hepatic enzyme changes in Reye syndrome compared with normal liver or with non-Reye liver disorders: objective criteria for animal models. Mitchell RA, et al. **Pediatr Res** 1985 Jan;19(1):19-22
Diagnostic and therapeutic implications of medium-chain acylcarnitines in the medium-chain acyl-coA dehydrogenase deficiency. Roe CR, et al. **Pediatr Res** 1985 May;19(5):459-66

ETIOLOGY

Reye's syndrome associated with adenovirus infections in infants. Edwards KM, et al. **Am J Dis Child** 1985 Apr;139(4):343-6
Reye's syndrome in British Columbia. **Can Med Assoc J** 1985 Aug 15;133(4):299-300
Possible role of lysolecithins and nonesterified fatty acids in the pathogenesis of Reye's syndrome, sudden infant death syndrome, acute pancreatitis, and diabetic ketoacidosis. Shaw W. **Clin Chem** 1985 Jul;31(7):1109-15
A new patient with dicarboxylic aciduria suggestive of medium-chain Acyl-CoA dehydrogenase deficiency presenting as Reye's syndrome. Del Valle JA, et al. **J Inherited Metab Dis** 1984;7(2):62-4
Is Reye's syndrome a disorder of the locus ceruleus? Maurizi CP. **Med Hypotheses** 1985 Apr;16(4):355-9
Animal models of Reye's syndrome. Deshmukh DR. **Rev Infect Dis** 1985 Jan-Feb;7(1):31-40 (96 ref.)
[Reye syndrome--a status review of current concepts of its pathogenesis] Plauth M. **Z Gastroenterol** 1984 Jul;22(7):327-36 (Eng. Abstr.) **(Ger)**
[Etiological mechanism of Reye's syndrome--from the viewpoint of metabolic disorders] Yoshida I, et al. **Nippon Rinsho** 1984 Dec;42(12):2824-36 (49 ref.) **(Jpn)**
[Reye's syndrome and cytomegalovirus] Palomeque A, et al. **An Esp Pediatr** 1985 Jan;22(1):83-5 **(Spa)**
[Reye's syndrome and the administration of acetylsalicylic acid in children] Velásquez-Jones L. **Bol Med Hosp Infant Mex** 1985 Jun;42(6):345-7 **(Spa)**

FAMILIAL & GENETIC

Medium-chain acyl-CoA dehydrogenase deficiency in two siblings with a Reye-like syndrome. Bougnères PF, et al. **J Pediatr** 1985 Jun;106(6):918-21

METABOLISM

Ammonium inhibition of fatty acid oxidation in rat liver mitochondria. A possible cause of fatty liver in Reye's syndrome and urea cycle defects. Maddaiah VT. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):565-70

Altered metabolic profiles of valproic acid in a patient with Reye's syndrome. Kuhara T, et al. **Clin Chim Acta** 1985 Jan 30;145(2):135-42

Urinary dicarboxylic acids in Reye syndrome. Tonsgard JH. **J Pediatr** 1985 Jul;107(1):79-84

Reye's syndrome and short-chain fatty acids [letter] Krause KH, et al. **Neurology** 1985 Jan;35(1):135-6

Carnitine deficiency, organic acidemias, and Reye's syndrome. Stumpf DA, et al. **Neurology** 1985 Jul; 35(7):1041-5 (77 ref.)

MICROBIOLOGY

Metabolic and mitochondrial morphological changes that mimic Reye syndrome after endotoxin administration to rats. Yoder MC, et al. **Infect Immun** 1985 Jan;47(1):329-31

OCCURRENCE

From the CDSC. Reye's syndrome surveillance scheme: third annual summary report. **Br Med J [Clin Res]** 1985 Aug 3;291(6491):329-30

Leads from the MMWR. Reye syndrome--United States, 1984. **JAMA** 1985 Feb 8;253(6):751-2

Reye syndrome--United States, 1984. **MMWR** 1985 Jan 11; 34(1):13-6

The National Reye Syndrome Surveillance System, 1983. Barrett MJ, et al. **MMWR CDC Surveill Summ** 1984; 33(3):9SS-13SS

Reye's syndrome: incidence and time trends in Olmsted County, MN, 1950-1981. Nicolosi A, et al. **Neurology** 1985 Sep;35(9):1338-40

National Reye syndrome surveillance, 1982. Rogers MF, et al. **Pediatrics** 1985 Feb;75(2):260-4

PATHOLOGY

Effects of influenza infection, aspirin, and an arginine-deficient diet on the inner ear in Reye's syndrome. Rarey KE, et al. **Ann Otol Rhinol Laryngol** 1984 Nov-Dec; 93(6 Pt 1):551-7

Aflatoxin and Reye's syndrome: a study of livers from deceased cases. Rogan WJ, et al. **Arch Environ Health** 1985 Mar-Apr;40(2):91-5

Adult Reye's syndrome. Al-Tikriti SA, et al. **J R Soc Med** 1984 Aug;77(8):694-6

The ferret as a model for inner ear research. Rarey KE. **Lab Anim Sci** 1985 Jun;35(3):238-41

[Reye's syndrome--visceral fatty degeneration and encephalopathy] Simell O. **Duodecim** 1985;101(14):1347-51 **(Fin)**

PHYSIOPATHOLOGY

Altered auditory brainstem evoked responses in the ferret model for Reye's syndrome. Rarey KE, et al. **Int J Pediatr Otorhinolaryngol** 1984 Jul;7(3):221-8

Hepatic and encephalopathic components of Reye's syndrome: factor analysis of admission data from 209 patients. Mitchell RA, et al. **Neurology** 1985 Aug; 35(8):1236-9

Development of encephalopathic features similar to Reye syndrome in rabbits. Kang ES, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6169-73

PSYCHOLOGY

Adaptive behaviour of Reye's syndrome survivors. Weinman B. **J Ment Defic Res** 1984 Dec;28 (Pt 4):297-301

RADIOGRAPHY

CT findings in adult Reye syndrome. Ruskin JA, et al. **AJNR** 1985 May-Jun;6(3):446-7

Acute toxic encephalopathy with symmetrical low density areas in the thalami and the cerebellum. Aoki N. **Childs Nerv Syst** 1985;1(1):62-5

THERAPY

Isolated deafness following recovery from neurologic injury and adult respiratory distress syndrome. A sequela of intercurrent aminoglycoside and diuretic use. Lynn AM, et al. **Am J Dis Child** 1985 May;139(5):464-6

Reye syndrome. De Vivo DC. **Neurol Clin** 1985 Feb; 3(1):95-115 (119 ref.)

Management of Reye's syndrome: need for early diagnosis and intravenous treatment of stage I non-comatose cases. Partin JC. **Pediatr Ann** 1985 Jul;14(7):511, 514-5

VETERINARY

Spontaneous Reye's-like syndrome in BALB/cByJ mice. Brownstein DG, et al. **Lab Invest** 1984 Oct;51(4):386-95

Do animals develop Reye syndrome? De Vivo DC. **Lab Invest** 1984 Oct;51(4):367-72 (81 ref.)

RH FACTORS see **RH-HR BLOOD-GROUP SYSTEM**

RH-HR BLOOD-GROUP SYSTEM

ABO-blood groups and D-antigen in simple and capsular glaucoma. Blika S, et al. **Acta Ophthalmol (Copenh)** 1984 Dec;62(6):1009-13

Relation of ABO and RH blood groups with renal cell carcinoma. Giannopoulos A, et al. **Acta Urol Belg** 1985; 53(1):29-31

ABO and Rhesus blood groups in Alzheimer's disease. Renvoize EB. **Age Ageing** 1985 Jan;14(1):43-5

Vascular changes in placentae from cases of materno-fetal rhesus incompatibility. Barresi G, et al. **Appl Pathol** 1983 Nov-Dec;1(6):310-6

Relationship between human serum placental alkaline phosphatase and the ABo and Rh compatibility status in pregnancy. Lucarelli P, et al. **Biol Res Pregnancy Perinatol** 1985;6(2):89-93

Human erythroid progenitor cells express Rhesus antigens. Falkenburg JH, et al. **Blood** 1985 Sep;66(3):660-3

ADCC lysis of human erythrocytes sensitized with rhesus alloantibodies. IV. Characterization of anti-D sera which are inactive in ADCC. Barclay GR, et al. **Br J Haematol** 1985 Jun;60(2):293-304

Rh(D) haemolytic disease of the newborn: the changing scene. Urbaniak SJ. **Br Med J [Clin Res]** 1985 Jul 6; 291(6487):4-6

Glucose-6-phosphate dehydrogenase deficiency and Rh factor. Tzoneva M, et al. **Haematologia (Budap)** 1984; 17(3):399-403

ABO and RH blood groups and blood pressure in Jerusalem 17 year olds. Kark JD, et al. **Hum Biol** 1984 Dec; 56(4):759-69

Use of enzymes in distinguishing anti-LWa and anti-LWab from anti-D. Lomas CG, et al. **Med Lab Sci** 1985 Jan; 42(1):88-9

Production and characterization of monoclonal anti-G3m(g) antibody. Tamaki Y, et al. **Nippon Hoigaku Zasshi** 1984 Apr;38(2):152-4

A fluorimetric enzyme-linked immunoassay (FEIA) for measurement of anti-D antibodies. Parinaud J, et al. **Nouv Rev Fr Hematol** 1984;26(5):299-302

Long-term in vivo survival of Rh(D)-negative donor red cells in a patient with anti-LW. Chaplin H, et al. **Transfusion** 1985 Jan-Feb;25(1):39-43

A D variant, Del? [letter] Okubo Y, et al. **Transfusion** 1984 Nov-Dec;24(6):542

Solid-phase ABO grouping and Rh typing. Sinor LT, et al. **Transfusion** 1985 Jan-Feb;25(1):21-3

The Rhesus story in Northern Ireland. O'Sullivan JF. **Ulster Med J** 1983;52(2):94-100

Early work on the Rh factor including the finding of anti-E. Dodd BE. **Vox Sang** 1984;47(6):449-51

Automated determination of ABO/Rh in microplates. Severns ML, et al. **Vox Sang** 1984;47(4):293-303

[Seroanthropological studies of albino and melanoderm Bamiléké populations (Cameroon). ABO and Rhesus erythrocyte groups, hemoglobin S and taste sensitivity to phenylthiocarbamide] Aquaron R, et al. **Med Trop (Mars)** 1984 Oct-Dec;44(4):311-8 (Eng. Abstr.) **(Fre)**

[Prenatal diagnosis and therapy of fetal hemolytic disease with Rh incompatibility] Kitschke HJ, et al. **Geburtshilfe Frauenheilkd** 1985 Jul;45(7):470-2 (Eng. Abstr.) **(Ger)**

[Rh-negative phenotypes in Borsod County] Mády J, et al. **Orv Hetil** 1985 May 5;126(18):1099-101 (Eng. Abstr.) **(Hun)**

[Rh blood-group system] Reali G. **Pathologica** 1983;75 Suppl:11-24 **(Ita)**

[The condition of newborn infants from risk pregnancies and HPL concentration in the blood of their mothers] Rybakowa M, et al. **Folia Med Cracov** 1984;25(1-2):3-7 (Eng. Abstr.) **(Pol)**

[The ABO and RH-HR blood-group systems in patients with hepatic coma in acute hepatitis B] Rzeszowska G, et al. **Wiad Lek** 1984 Sep 15;37(18):1407-11 (Eng. Abstr.) **(Pol)**

[Preservation of standard ABO- and Rhesus-system erythrocytes in positive temperatures] Klimova KN, et al. **Gematol Transfuziol** 1985 May;30(5):55-8 **(Rus)**

[Diagnosis of early stages of echinococcosis. 1. Correlations between the results of the indirect hemagglutination test, ABO(H) and Rh blood groups and haptoglobin types in residents of an echinococcosis area] Shcherbakov AM, et al. **Med Parazitol (Mosk)** 1985 Mar-Apr;(2):21-4 (Eng. Abstr.) **(Rus)**

[Aplastic anemia treated by bone marrow transplantation from a nonidentical twin brother, with a change in the Rh phenotype of the recipient] Popović K, et al. **Med Pregl** 1984;37(5-6):199-204 (Eng. Abstr.) **(Ser)**

[Evaluation of the Center for Rh-negative Mothers. Hospital Paula Jaraquemada (3 years)] Krug A, et al. **Rev Chil Obstet Ginecol** 1981;46(4):206-14 **(Spa)**

[Tardive anemia in infants with Rh and ABO incompatibility] Olivares M, et al. **Rev Chil Pediatr** 1984 Nov-Dec; 55(6):394-8 (Eng. Abstr.) **(Spa)**

ANALYSIS

[Isolation and determination of the molecular mass of the RHoD antigen in human erythrocytes] Miletić VD, et al. **Bilt Hematol Transfuz** 1984;12(2):51-8 (Eng. Abstr.) **(Ser)**

GENETICS

Genetic marker association in schizophrenia: ABO, MN, Rhesus and Lewis blood groups. Saha N, et al. **Ann Acad Med Singapore** 1985 Jan;14(1):110-2

ABO and Rhesus (D) gene frequencies in the Negroid population of South West Niger. Haegeman F, et al. **Ann Soc Belg Med Trop** 1985;65(1):99-100

The ABO and Rhesus groups in the north of Nigeria. Kulkarni AG, et al. **Ann Trop Med Parasitol** 1985 Feb; 79(1):83-8

The Du phenotype, serology, and clinical relevance. Gibble JW, et al. **CRC Crit Rev Clin Lab Sci** 1984;21(3):229-53 (127 ref.)

Blood group distribution in a west Kenya population. Amolo MO, et al. **East Afr Med J** 1984 Mar;61(3):208-11

ABO and rhesus blood-type frequencies in data from hospitals and the Red Cross in Ethiopia. Seyoum S, et al. **Ethiop Med J** 1985 Jan;23(1):1-6

Selective interactions among Rh, ABO, and sex ratio of newborns. Valenzuela CY, et al. **Hum Genet** 1985; 71(1):53-7

Genetic linkage between erythrokeratodermia variabilis and Rh locus. van der Schroeff JG, et al. **Hum Genet** 1984; 68(2):165-8

The rhesus blood group in Taiwan. Chu ML. **Taiwan I Hsueh Hui Tsa Chih** 1984 Aug;83(8):796-9

Rh blood group mosaicism in a healthy elderly woman. Salaru NN, et al. **Vox Sang** 1985;48(6):362-5

Identical twins with the Rhnull phenotype of the regulator type in a Finnish Lapp family. Sistonen P, et al. **Vox Sang** 1985;48(3):174-7

[Polymorphic blood systems in children with bronchial asthma] Mozalevskiĭ AF. **Tsitol Genet** 1985 May-Jun; 19(3):220-5 (Eng. Abstr.) **(Rus)**

[ABO blood group and the rhesus classification of urolithiasis patients] Gazymov MM. **Urol Nefrol (Mosk)** 1985 Mar-Apr;(2):14-6 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Transplant of rhesus-positive bone marrow in a rhesus-negative woman having anti-rhesus D alloantibodies. Rigal D, et al. **Acta Haematol (Basel)** 1985; 73(3):153-6

Antibody-dependent cell-mediated cytotoxicity (ADCC) toward human O+ red cells coated with anti-D antibody: comparison between lymphocyte and monocyte ADCC activity. Sunada M, et al. **Acta Med Okayama** 1985 Apr; 39(2):77-89

Rh immune globulin after genetic amniocentesis: impact on pregnancy outcome. Crane JP, et al. **Am J Med Genet** 1984 Dec;19(4):763-8

Prophylactic Rh immunoglobulin after amniocentesis [letter] Kolins MD. **Am J Obstet Gynecol** 1984 Nov 15;150(6):79

IgG subclasses and Gm allotypes of anti-D antibodies during pregnancy: correlation with the gravity of the fetal disease. Parinaud J, et al. **Am J Obstet Gynecol** 1985 Apr 15; 151(8):1111-5

The expression of Rh-D factor in human trophoblast [letter] van't Veer MB, et al. **Am J Obstet Gynecol** 1984 Dec 15; 150(8):1008-10

Proteolysis of band 3 is enhanced by anti-Rho(D) binding to the red cell membrane. Victoria EJ, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):437-42

Senescence of a human lymphoblastoid clone producing anti-Rhesus(D). Melamed MD, et al. **Eur J Immunol** 1985 Jul;15(7):742-6

Restricted expression of LW antigen on subsets of human B and T lymphocytes. Oliveira OL, et al. **J Immunogenet** 1984 Oct-Dec;11(5-6):297-303

Assessment of mononuclear phagocytic system function by clearance of anti-D-sensitized erythrocytes: the role of complement. Meryhew NL, et al. **J Lab Clin Med** 1985 Mar;105(3):277-81

Liver allograft rejection in pigs: histology of the graft and role of swine leukocyte antigen-D. Bom-van Noorloos AA, et al. **J Surg Res** 1984 Oct;37(4):269-76

The standardization of the candidate national standard anti-D blood-typing serum with the Groupamatic MG50 system. Saito H, et al. **Jpn J Med Sci Biol** 1984 Apr;37(2):83-9

Rh antibodies in pregnancy [letter] Hakim CA. **Med J Aust** 1985 Feb 4;142(3):238

Idiotypy of anti-Rh antibodies. de Saint Martin J, et al. **Rev Fr Transfus Immunohematol** 1984 Dec;27(6):715-2

Long-term in vivo survival of Rh(D)-negative donor red cells in a patient with anti-LW. Chaplin H, et al. **Transfusion** 1985 Jan-Feb;25(1):39-43

Anti-C as a sole autoantibody in autoimmune hemolytic anemia [letter] Cheng MS. **Transfusion** 1985 Jan-Feb 25(1):88

Does Cohn-fractionated Rh immune globulin transmit viral hepatitis? Iwarson S, et al. **Transfusion** 1985 Jan-Feb 25(1):15-7

The effect of dithiothreitol on the LW antigen. Konigshaus GJ, et al. **Transfusion** 1984 Nov-Dec;24(6):536-7

Antenatal Rh immunoglobulin--help or hindrance? [letter] Pisciotto P, et al. **Transfusion** 1985 Jan-Feb;25(1):88

Transfusion significance of anti-Cra [letter] Ross DG, et al. **Transfusion** 1985 Jan-Feb;25(1):84

rG. Potential pitfall in parentage testing. Schornack JL, et al. **Transfusion** 1985 May-Jun;25(3):270-3

Allo-anti-E in an 18-day old-infant [letter] Smith MR, et al. **Transfusion** 1984 Nov-Dec;24(6):540

Effect of dithiothreitol treatment of plasma on automated anti-D assay. Ashford PR, et al. **Vox Sang** 1985;49(2):121-5

Failure of passively administered anti-Rh to prevent secondary Rh responses. de Silva M, et al. **Vox Sang** 1985; 48(3):178-80

An immediate hemolytic transfusion reaction due to anti-C and a delayed hemolytic transfusion reaction due to anti-Ce+e: hemoglobinemia, hemoglobinuria and transient impaired renal function. Molthan L, et al. **Vox Sang** 1984; 47(5):348-53

[Determination of the degree of fetal injury by the Rh antibody titer in the amniotic fluid] Vitanova R. **Akush Ginekol (Sofiia)** 1985;24(1):43-7 (Eng. Abstr.) **(Bul)**

[Interrelationship between the Rh antibody titer in the amniotic fluid and its spectrophotometric study] Vitanova R. **Akush Ginekol (Sofiia)** 1985;24(2):43-8 (Eng. Abstr.) **(Bul)**

[Antibody-dependent cell-mediated cytotoxicity: a method of predicting the severity of fetomaternal alloimmunization in the Rhesus system? A retrospective study of 32 cases] Guimbretière J, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(2):179-85 (Eng. Abstr.) **(Fre)**

[Detection of anti-C+D+G (CD) caused by Rh-incompatible pregnancy] Nakamura Y, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Mar; 37(3):457-60 **(Jpn)**

[Demonstration of the activity of a rhesus-positive antigen in the erythrocytes of rhesus-negative donors and an increase in the expression of ABO system antigens after ultraviolet irradiation of the blood] Samoĭlova KA, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):460-2 (Eng. Abstr.) **(Rus)**

[Effect of storage conditions for the raw stock on the specific activity of antirhesus immunoglobulin] Nikitova IS, et al. **Gematol Transfuziol** 1984 Nov;29(11):55-7 **(Rus)**

[Ultrastructure and cytochemical indices of lymphocytes from donors immunized with the rhesus-system antigen D(RhO)] Belokonova IG, et al. **Tsitologiia** 1984 Dec; 26(12):1372-5 (Eng. Abstr.) **(Rus)**

RH ISOIMMUNIZATION

see related
ERYTHROBLASTOSIS, FETAL

Fetal haematology in rhesus isoimmunisation. Nicolaides KH, et al. **Br Med J [Clin Res]** 1985 Mar 2;290(6469):661-3

The unreliability of amniotic fluid bilirubin measurements in isoimmunized pregnancies in sickle cell disease patients. Hadi HA, et al. **Obstet Gynecol** 1985 May;65(5):758-60

[Modern diagnosis and prognosis in isoimmunization in the Rh system] Skapur S, et al. **Jugosl Ginekol Opstet** 1984 Jan-Apr;24(1-2):25-8 (Eng. Abstr.) **(Scr)**

BLOOD

[Selected biochemical indicators of fetal risk in cases of Rh(D) isoimmunization] Dobryszycka W, et al. **Pol Tyg Lek** 1985 Jan 14;40(2):29-32 (Eng. Abstr.) **(Pol)**

COMPLICATIONS

The relationship of fetal plasma protein concentration and hemoglobin level to the development of hydrops in rhesus isoimmunization. Nicolaides KH, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):341-4

Ultrasound in congenital intracranial haemorrhage secondary to isoimmune thrombocytopaenia. Lam AH, et al. **Pediatr Radiol** 1985;15(1):8-11

Anti-Rh32 causing severe hemolytic disease of the newborn. Orlina AR, et al. **Rev Fr Transfus Immunohematol** 1984 Oct;27(5):613-8

DIAGNOSIS

Detection of fetomaternal haemorrhage by an immunofluorescence technique. McWilliam AC, et al. **J Clin Pathol** 1985 Aug;38(8):919-20

[Spectrophotometric characteristics of the amniotic fluid in Rh isoimmunization pregnancy in relation to the therapy performed] Matrova Ts, et al. **Akush Ginekol (Sofiia)** 1984; 23(4):324-7 (Eng. Abstr.) **(Bul)**

ETIOLOGY

Isoimmune neonatal thrombocytopenia: a case report and review. Chandler D, et al. **Am J Clin Pathol** 1985 Jun; 83(6):766-8

Rh immunization caused by osseous allograft [letter] Johnson CA, et al. **N Engl J Med** 1985 Jan 10;312(2):121-2

IMMUNOLOGY

Detection of Fc-receptor-blocking antibodies in anti-Rh(D) hyperimmune gammaglobulin [letter] Petri IB, et al. **Lancet** 1984 Dec 22;2(8417-18):1378-9

[Fetomaternal incompatibility due to Rhesus erythrocyte antigens other than antigen D] Faille N, et al. **Ann Pediatr (Paris)** 1984 Oct;31(8):657-60 (Eng. Abstr.) **(Fre)**

[Anti-erythrocyte alloimmunization in the Rh system (with the exception of antigen D) after the transfusion of platelet concentrates] Branger M, et al. **Rev Fr Transfus Immunohematol** 1985 May;28(2):175-9 **(Fre)**

[Perinatal hemolytic disease caused by anti-c. A clinical case] Donoso Siña E, et al. **Rev Chil Obstet Ginecol** 1983; 48(3):175-9 (Eng. Abstr.) **(Spa)**

METABOLISM

[Morphology and function of the placenta in Rh-sensitized pregnancy] Plećaš D, et al. **Srp Arh Celok Lek** 1984 Oct; 112(10):1001-10 (Eng. Abstr.) **(Scc)**

OCCURRENCE

[Incidence of Rh and ABO in hemolytic disease of newborn from 1979 to the present day in infants born at the Obstetrics Clinic of the II College of Medicine and Surgery of Naples] Cascioli CF, et al. **Minerva Ginecol** 1985 Mar; 37(3):85-8 (Eng. Abstr.) **(Ita)**

[Rh isoimmunization--why still new cases?] Langhoff-Roos J, et al. **Lakartidningen** 1985 May 29;82(22):2064-5 (Eng. Abstr.) **(Swe)**

PHYSIOPATHOLOGY

Alloimmunization in twin pregnancies. Bowman JM. **Am J Obstet Gynecol** 1985 Sep 1;153(1):7-13

[Course of labor in Rh isoimmunization] Marianowski L, et al. **Ginekol Pol** 1984 Aug;55(8):577-81 (Eng. Abstr.) **(Pol)**

PREVENTION & CONTROL

Antenatal prophylaxis of Rh immunization with 250 micrograms anti-D immunoglobulin. Hermann M, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;124:1-15

Controversies in Rh prophylaxis. Who needs Rh immune globulin and when should it be given? Bowman JM. **Am J Obstet Gynecol** 1985 Feb 1;151(3):289-94

Controversies in Rh prophylaxis [letter] Hensleigh PA. **Am J Obstet Gynecol** 1985 Sep 1;153(1):112-3

Failure to prevent rhesus immunisation with rhesus immune globulin after incompatible blood transfusion [letter] Branch DW, et al. **Lancet** 1985 Feb 16;1(8425):393-4

Antenatal Rh immunoglobulin--help or hindrance? [letter] Pisciotto P, et al. **Transfusion** 1985 Jan-Feb;25(1):88

[Prevention with anti-D gamma globulin at the Research Institute of Obstetrics and Gynecology] Spasova K, et al. **Akush Ginekol (Sofiia)** 1984;23(6):500-4 (Eng. Abstr.) **(Bul)**

[Mechanism of action of anti-D-gamma globulin in preventing rhesus alloimmunization in the pregnant woman and hemolytic disease of the newborn infant] Vŭlcheva B, et al. **Akush Ginekol (Sofiia)** 1985;24(2):73-6 (13 ref.) (Eng. Abstr.) **(Bul)**

THERAPY

Intensive plasma exchange as an adjunct to management of severe rhesus disease. Eklund J. **Acta Obstet Gynecol Scand** 1985;64(1):7-10

Sinusoidal fetal heart rate pattern. An indicator of fetal anemia in iso-immunization. Sigurd J, et al. **Acta Obstet Gynecol Scand** 1984;63(5):463-6

Sonographic sign for the detection of early fetal ascites in the management of severe isoimmune disease without intrauterine transfusion. Benacerraf BR, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1039-41

Oral Rh treatment for severely immunized mother [letter] Parinaud J, et al. **Am J Obstet Gynecol** 1984 Dec 1; 150(7):902

The management of severe rhesus isoimmunization by fetoscopic intravascular transfusions. Rodeck CH, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):769-74

Rhesus haemolytic disease treated with high-dose intravenous immunoglobulin [letter] Berlin G, et al. **Lancet** 1985 May 18;1(8438):1153

Intravenous gammaglobulin to prevent stillbirth in rhesus incompatibility [letter] Rewald E. **Lancet** 1985 Jul 27; 2(8448):208

Pregnancy complicated by rhesus sensitization and the May-Hegglin anomaly. Duff P, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):7S-10S

Intrauterine transfusion in an Rh-immunized twin pregnancy: a case report of successful outcome and a review of the literature. Manning FA, et al. **Obstet Gynecol** 1985 Mar; 65(3 Suppl):2S-6S

RHABDITOIDEA

[Disturbances in the digestive tract of Ips sexdentatus (Insecta: Scolitidae) induced by Parasitorhabditis ipsophila (Nematoda: Rhabditidae)] Lieutier F. **Ann Parasitol Hum Comp** 1984;59(6):597-605 (Eng. Abstr.) **(Fre)**

PHYSIOLOGY

[Parasitism of Ips sexdentatus (Insecta: Scolytidae) by Parasitorhabditis ipsophila (Nematoda: Rhabditidae)] Lieutier F. **Ann Parasitol Hum Comp** 1984;59(5):507-20 (Eng. Abstr.) **(Fre)**

RHABDOMYOLYSIS

CHEMICALLY INDUCED

Rhabdomyolytic renal failure and suxamethonium [letter] Hawker F, et al. **Anaesth Intensive Care** 1985 May;13(2):208

Acute rhabdomyolytic renal failure due to suxamethonium. Hool GJ, et al. **Anaesth Intensive Care** 1984 Nov; 12(4):360-4

Opiate-induced rhabdomyolysis. Blain PG, et al. **Hum Toxicol** 1985 Jan;4(1):71-4

Recovery after severe oxprenolol overdose complicated by rhabdomyolysis. Schofield PM, et al. **Hum Toxicol** 1985 Jan;4(1):57-60

Rhabdomyolysis and acute renal failure after theophylline overdose [letter] Macdonald JB, et al. **Lancet** 1985 Apr 20;1(8434):932-3

Theophylline poisoning and rhabdomyolysis [letter] Modi KB, et al. **Lancet** 1985 Jul 20;2(8447):160-1

Rhabdomyolysis after theophylline overdose [letter] Rumpf KW, et al. **Lancet** 1985 Jun 22;1(8443):1451-2

[Course and complications of rhabdomyolysis following heroin poisoning] Aeschlimann A, et al. **Schweiz Med Wochenschr** 1984 Sep 8;114(36):1236-40 (Eng. Abstr.) **(Ger)**

[Rhabdomyolysis in acute heroin poisoning. Report of 2 cases] Panza N, et al. **Minerva Anestesiol** 1985 Jan-Feb; 51(1-2):15-26 (Eng. Abstr.) **(Ita)**

[Anesthesia-induced rhabdomyolysis in a patient with Fukuyama-type congenital muscular dystrophy] Nakazato A, et al. **No To Hattatsu** 1984 Sep;16(5):386-92 (Eng. Abstr.) **(Jpn)**

COMPLICATIONS

Myoglobinuria in neuroleptic malignant syndrome [letter] Fink RA. **Arch Intern Med** 1985 Sep;145(9):1736

Striated nephrogram in rhabdomyolysis. Hunnam GR, et al. **Br J Radiol** 1985 Jul;58(691):682-3

Rhabdomyolysis and acute renal failure in sickle cell anemia [letter] Lewin PK. **Br Med J [Clin Res]** 1985 Aug 10; 291(6492):413-4

Rhabdomyolysis, acute renal failure and Legionnaires' disease. Brivet F, et al. **Chest** 1984 Dec;86(6):943-4

Rhabdomyolysis associated with pneumococcal sepsis. Chun CH, et al. **Diagn Microbiol Infect Dis** 1985 May;3(3):257-61

Computed tomography of acute renal failure secondary to rhabdomyolysis. Mangano FA, et al. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):777-9

A case of severe dehydration with marked rhabdomyolysis. Kodama K, et al. **Jpn J Med** 1985 May;24(2):150-4

Acute renal failure caused by non-traumatic rhabdomyolysis. Case reports. O'Donnell D. **S Afr Med J** 1985 May 4; 67(18):733-4

[Nontraumatic rhabdomyolysis with acute kidney insufficiency] Masclee AA, et al. **Ned Tijdschr Geneeskd** 1984 Nov 10;128(45):2114-7 (Eng. Abstr.) **(Dut)**

[A case of cholera in Japan with severe diarrhea and rhabdomyolysis followed by long-term excretion of V. cholerae] Nakamura Y, et al. **Kansenshogaku Zasshi** 1985 Mar;59(3):310-4 (Eng. Abstr.) **(Jpn)**

[A case of diabetic ketoacidosis associated with myoglobinuric acute renal failure] Soejima A, et al. **Nippon Naika Gakkai Zasshi** 1985 Mar;74(3):322-6 **(Jpn)**

DIAGNOSIS

Rhabdomyolysis: two pediatric case reports. Goldsmith BM, et al. **Clin Chem** 1985 Feb;31(2):314-7

[Rhabdomyolysis. Incidence, causes and diagnosis] Colombi A, et al. **Dtsch Med Wochenschr** 1985 Sep 20; 110(38):1461-3 **(Ger)**

DRUG THERAPY

[L-carnitine chloride and potassium chloride in the treatment of a case of non-traumatic rhabdomyolysis without myoglobinuria caused by the ingestion of liquorice] Ruggeri CS, et al. **Minerva Med** 1985 Apr 7; 76(14-15):725-8 (Eng. Abstr.) **(Ita)**

ENZYMOLOGY

Rhabdomyolysis and myoglobinemia in neonates. Kasik JW, et al. **Pediatrics** 1985 Aug;76(2):255-8

ETIOLOGY

Methanol poisoning complicated by myoglobinuric renal failure. Grufferman S, et al. **Am J Emerg Med** 1985 Jan; 3(1):24-6

The incidence of myoglobinuria in patients with pneumatic trousers. Weiss LD, et al. **Am J Emerg Med** 1984 Mar; 2(2):115-8

Rhabdomyolysis in thyroid storm. Bennett WR, et al. **Am J Med** 1984 Oct;77(4):733-5

McArdle's disease presenting with rhabdomyolysis. Hains AD, et al. **Aust NZ J Med** 1984 Oct;14(5):681-4

Rhabdomyolysis and acute renal failure in sickle cell anaemia. Devereux S, et al. **Br Med J [Clin Res]** 1985 Jun 8; 290(6483):1707

Rhabdomyolysis associated with hyperosmolar nonketotic coma [letter] Schlepphorst E, et al. **Diabetes Care** 1985 Mar-Apr;8(2):198-200

Psychiatric patients at high risk for rhabdomyolysis [letter] Lazarus A. **J Clin Psychiatry** 1985 Sep;46(9):406

Myositis and rhabdomyolysis due to Staphylococcus aureus septicemia. Lannigan R, et al. **J Infect Dis** 1984 Nov; 150(5):784

Rhabdomyolysis and acute renal failure: a new presentation of acute brucellosis. Wasserheit JN, et al. **J Infect Dis** 1984 Nov;150(5):782–3

Tularemia and rhabdomyolysis. Kaiser AB, et al. **JAMA** 1985 Jan 11;253(2):241–3

Fatal myoglobinuric renal failure in a patient with tardive dyskinesia. Lazarus AL, et al. **Neurology** 1985 Jul; 35(7):1055–7

Water intoxication, hyperpyrexia and rhabdomyolysis in a patient with psychogenic polydipsia. Sidi Y, et al. **NY State J Med** 1984 Sep;84(9):462–4

Legionella causing rhabdomyolysis and renal failure [letter] Smeal WE, et al. **Postgrad Med** 1985 Aug;78(2):42, 44

Rhabdomyolysis and acute renal failure as a complication of urethral surgery. Leventhal I, et al. **Urology** 1985 Jul; 26(1):59–61

Rhabdomyolysis and acute renal failure following the bite of the giant desert centipede Scolopendra heros. Logan JL, et al. **West J Med** 1985 Apr;142(4):549–50

[Hemorrhagic fever with renal syndrome. A case with diarrhea and rhabdomyolysis (letter)] Chavanet P, et al. **Presse Med** 1985 Jun 8;14(23):1290–1 **(Fre)**

[Rhabdomyolysis in a severe form of Parkinson's disease (letter)] Woimant F, et al. **Presse Med** 1985 Jun 1; 14(22):1244–5 **(Fre)**

[Anesthesiologic rhabdomyolysis in muscular dystrophy. Report of a case] Fiacchino F, et al. **Minerva Anestesiol** 1984 Oct;50(10):521–6 (Eng. Abstr.) **(Ita)**

[Myoglobinuria secondary to hypokalemia during prolonged diuretic therapy] Rizzi D, et al. **Minerva Med** 1984 Dec 15;75(47–48):2843–6 (Eng. Abstr.) **(Ita)**

[A case of acute alcoholic myopathy with rhabdomyolysis] Uchida N, et al. **Nippon Naika Gakkai Zasshi** 1985 Jan; 74(1):48–53 **(Jpn)**

PATHOLOGY

Rhabdomyolysis, acute renal failure, and disseminated intravascular coagulation in a man with sickle cell trait. Hynd RF, et al. **South Med J** 1985 Jul;78(7):890–1

RADIONUCLIDE IMAGING

Abnormal Tc-99m MDP skeletal muscle tomoscintigraphic images characterizing a case of severe rhabdomyolysis. Bouvier JF, et al. **Clin Nucl Med** 1985 Feb;10(2):105

Selective, symmetric, skeletal muscle uptake of Tc-99m pyrophosphate in rhabdomyolysis. Haseman MK, et al. **Clin Nucl Med** 1985 Mar;10(3):180–3

Myoglobinuria with acute renal failure and hot kidneys seen on bone imaging. Sheth KJ, et al. **Clin Nucl Med** 1984 Sep;9(9):498–501

[Scintigraphy with 99mTc-methylene diphosphonate for the detection and localization of rhabdomyolysis] Schicha H, et al. **Nuklearmedizin** 1984 Dec;23(6):287–91 (Eng. Abstr.) **(Ger)**

URINE

Rapid separation and identification of myoglobin and hemoglobin in urine by centrifugation through a microconcentrator membrane. Kelner MJ, et al. **Clin Chem** 1985 Jan;31(1):112–4

RHABDOMYOMA

COMPLICATIONS

Rhabdomyoma of the heart producing right bundle branch block. Dubois RW, et al. **Pediatr Pathol** 1983 Oct–Dec; 1(4):435–42

DIAGNOSIS

Echocardiographic incidence of cardiac rhabdomyoma in tuberous sclerosis. Bass JL, et al. **Am J Cardiol** 1985 May 1;55(11):1379–82

Ultrasonic patterns of a cardiac rhabdomyoma detected in utero. Di Lollo L, et al. **J Perinat Med** 1984;12(6):339–42

[Cardiac tumors with neonatal disclosure. Apropos of a case with spontaneously favorable development] Isnard-Baladi J, et al. **Arch Mal Coeur** 1985 May;78(5):785–9 (Eng. Abstr.) **(Fre)**

[Echocardiographic diagnosis and successful resection of a left ventricular rhabdomyoma in the neonatal period] Schmaltz AA, et al. **Klin Padiatr** 1984 Sep–Oct; 196(5):307–10 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

Cardiac tumor associated with tuberous sclerosis: CT diagnosis. Cornalba G, et al. **J Comput Assist Tomogr** 1985 Jul–Aug;9(4):809–11

SURGERY

Cardiac rhabdomyoma in neonates [letter] Reece IJ, et al. **Ann Thorac Surg** 1985 Jun;39(6):599

Surgical treatment for rhabdomyoma of the right atrium causing arrhythmias. Goldman S, et al. **J Thorac Cardiovasc Surg** 1985 May;89(5):802–4

ULTRASTRUCTURE

[Cardiac rhabdomyoma manifesting as fetal hydrops] Poblete MT, et al. **Rev Med Chil** 1984 Jun;112(6):586–90 (Eng. Abstr.) **(Spa)**

RHABDOMYOSARCOMA

Embryonal rhabdomyosarcoma of the face. Dev PG. **J Indian Med Assoc** 1984 Jun;82(6):212–4

Teratoma and rhabdomyosarcoma [letter] Heifetz SA. **Pediatr Pathol** 1984;2(2):245

Pediatric urologic oncology. Kramer SA. **Urol Clin North Am** 1985 Feb;12(1):31–42 (80 ref.)

ANALYSIS

Two distinct tumor cell growth-inhibiting factors from a human rhabdomyosarcoma cell line. Fryling CM, et al. **Cancer Res** 1985 Jun;45(6):2695–9

In situ selection of a human rhabdomyosarcoma resistant to vincristine with altered beta-tubulins. Houghton JA, et al. **Cancer Res** 1985 Jun;45(6):2706–12

Isolation of tumor cell growth-inhibiting factors from a human rhabdomyosarcoma cell line. Iwata KK, et al. **Cancer Res** 1985 Jun;45(6):2689–94

Preparation of chromosome suspensions from cells of a solid experimental tumour for measurement by flow cytometry. Kooi MW, et al. **Cytometry** 1984 Sep;5(5):547–9

Biochemical characterization of endogenous carbohydrate-binding proteins from spontaneous murine rhabdomyosarcoma, mammary adenocarcinoma, and ovarian teratoma. Gabius HJ, et al. **JNCI** 1984 Dec; 73(6):1349–57

Absence of immunoperoxidase staining for myoglobin in the malignant rhabdoid tumor of the kidney. Rutledge J, et al. **Pediatr Pathol** 1983 Jan–Mar;1(1):93–8

COMPLICATIONS

Hypercalcemia preferentially occurs in unusual forms of childhood non-Hodgkin's lymphoma, rhabdomyosarcoma, and Wilms' tumor. A study of 11 cases. Leblanc A, et al. **Cancer** 1984 Nov 15;54(10):2132–6

Rhabdomyosarcoma causing rapid bilateral visual loss in children. Breen LA, et al. **J Clin Neuro Ophthalmol** 1984 Sep;4(3):185–8

[Ocular and orbital sequellae in the treatment of embryonic rhabdomyosarcoma of the orbit. Apropos of 3 cases] Behar C, et al. **Ann Pediatr (Paris)** 1984 Oct 15;31(9):739–42 (Eng. Abstr.) **(Fre)**

[Hypercalcemia associated with tumors in children. 20 cases] Leblanc A, et al. **Arch Fr Pediatr** 1984 Oct;41(8):551–5 (Eng. Abstr.) **(Fre)**

[An autopsy case of sudden death by obstruction of the pulmonary artery in cardiac rhabdomyosarcoma] Masuda T, et al. **Gan No Rinsho** 1985 May;31(5):559–62 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

Cytology of fine needle aspiration biopsy of primary breast rhabdomyosarcoma in an adolescent girl. Torres V, et al. **Acta Cytol (Baltimore)** 1985 May–Jun;29(3):430–4

Rhabdomyosarcoma of the biliary tree in childhood. A report from the Intergroup Rhabdomyosarcoma Study. Ruymann FB, et al. **Cancer** 1985 Aug 1;56(3):575–81

Management of solid tumors in children. Becton DL, et al. **Compr Ther** 1984 Nov;10(11):58–66

Possible differential diagnosis of neuroblastoma from rhabdomyosarcoma and Ewing's sarcoma by using a panel of monoclonal antibodies. Sugimoto T, et al. **Gann** 1985 Apr;76(4):301–7

Creatine kinase subunits M and B as markers in the diagnosis of poorly differentiated rhabdomyosarcomas in children. de Jong AS, et al. **Hum Pathol** 1985 Sep;16(9):924–8

Sonographic and computed tomographic features of embryonal rhabdomyosarcoma of the biliary tract. Friedburg H, et al. **Pediatr Radiol** 1984;14(6):436–8

Rhabdomyosarcoma in Nigerian children. Umar BA, et al. **Trop Geogr Med** 1985 Mar;37(1):51–5

[Rhabdomyosarcoma of the urinary bladder] Gerner-Smidt H, et al. **Ugeskr Laeger** 1985 May 20;147(21):1698–9 (Eng. Abstr.) **(Dan)**

[Embryonal rhabdomyosarcoma of the middle ear and mastoid simulating chronic otitis media] Shohet I, et al. **Harefuah** 1984 Nov 15;107(10):290–1 (Eng. Abstr.) **(Heb)**

[Echocardiographic study of 2 cases of primary tumors of the heart] Mollica N, et al. **Minerva Cardioangiol** 1984 Nov; 32(11):767–72 (Eng. Abstr.) **(Ita)**

[Rhabdomyosarcoma of the prostate] Mottola A, et al. **Minerva Urol Nefrol** 1984 Oct–Dec;36(4):363–7 (Eng. Abstr.) **(Ita)**

[Preliminary elaboration of diagnostic methods for rhabdomyosarcoma in children] Božek J, et al. **Probl Med Wieku Rozwoj** 1984;13:145–9 (Eng. Abstr.) **(Pol)**

[Rhabdomyosarcoma of the bladder in a 70-year-old man] Musierowicz A, et al. **Wiad Lek** 1984 Nov 15; 37(22):1807–10 (Eng. Abstr.) **(Pol)**

DRUG THERAPY

Unexpected cure in metastatic rhabdomyosarcoma. de Graaf SS, et al. **Arch Dis Child** 1985 May;60(5):482–4

Orbital rhabdomyosarcoma: improved survival with combined pulsed chemotherapy and irradiation. Ghafoor SY, et al. **Br J Ophthalmol** 1985 Aug;69(8):557–61

Combination of dacarbazine and doxorubicin in the treatment of childhood rhabdomyosarcoma. Etcubanas E, et al. **Cancer Treat Rep** 1985 Sep;69(9):999–1000

Melphalan: a potential new agent in the treatment of childhood rhabdomyosarcoma. Houghton JA, et al. **Cancer Treat Rep** 1985 Jan;69(1):91–6

Cisplatin and doxorubicin for locally recurrent and metastatic childhood rhabdomyosarcoma. Pratt CB, et al. **Chemioterapia** 1984 Aug;3(4):207–10

Chemotherapy of testicular cancer at Yale: 1976–1982. Lin J, et al. **Conn Med** 1985 Jan;49(1):6–8

Open instillation of formalin for cyclophosphamide-induced hemorrhagic cystitis in a child. Garat JM, et al. **Eur Urol** 1985;11(3):192–4

Cytologic 'differentiation' in childhood rhabdomyosarcomas following polychemotherapy. Molenaar WM, et al. **Hum Pathol** 1984 Oct;15(10):973–9

O6-Alkylguanine-DNA alkyltransferase activity correlates with the therapeutic response of human rhabdomyosarcoma xenografts to 1-(2-chloroethyl)-3-(trans-4-methylcyclohexyl)-1-nitros Brent TP, et al. **Proc Natl Acad Sci USA** 1985 May; 82(9):2985–9

Antineoplastic activity of N-maleamide homocysteine thiolactone amide encapsulated within liposomes. McCully KS, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):57–61

Primary chemotherapy in the treatment of rhabdomyosarcoma in children: trial of the International Society of Pediatric Oncology (SIOP) preliminary results. Flamant F, et al. **Radiother Oncol** 1985 Apr;3(3):227–36

[A case of rhabdomyosarcoma of the prostate in children] Nagata Y, et al. **Hinyokika Kiyo** 1985 Feb;31(2):319–26 (Eng. Abstr.) **(Jpn)**

ENZYMOLOGY

An evaluation of enzyme histochemistry in the diagnosis of childhood rhabdomyosarcoma. Variend S, et al. **Histopathology** 1985 Apr;9(4):389–400

FAMILIAL & GENETIC

The sarcoma, breast cancer, lung cancer, and adrenocortical carcinoma syndrome revisited. Childhood cancer. Lynch HT, et al. **Am J Dis Child** 1985 Feb;139(2):134–6

A cytogenetic study of embryonal rhabdomyosarcoma. Potluri VR, et al. **Cancer Genet Cytogenet** 1985 Jan 1; 14(1–2):169–73

Nonrandom chromosome alterations in rhabdomyosarcoma. Trent J, et al. **Cancer Genet Cytogenet** 1985 Apr 1; 16(3):189–97

N-ras gene activation in the RD human rhabdomyosarcoma cell line. Chardin P, et al. **Int J Cancer** 1985 May 15; 35(5):647–52

Loss of heterozygosity in three embryonal tumours suggests a common pathogenetic mechanism. Koufos A, et al. **Nature** 1985 Jul 25–31;316(6026):330–4

IMMUNOLOGY

Amplification of immune T lymphocyte function in situ: the identification of active components of the immunologic network during tumor rejection. Evans R, et al. **J Immunol** 1985 Aug;135(2):1498–504

[Method of assessing the functional activity of tumor-associated suppressor cells] Iudin VM, et al. **Eksp Onkol** 1984;6(6):37–41 (Eng. Abstr.) **(Rus)**

METABOLISM

Stability of vincristine complexes in cytosols derived from xenografts of human rhabdomyosarcoma and normal tissues of the mouse. Houghton JA, et al. **Cancer Res** 1985 Aug; 45(8):3761–7

Mesenchymal and muscle-specific intermediate filaments (vimentin and desmin) in relation to differentiation in childhood rhabdomyosarcomas. Molenaar WM, et al. **Hum Pathol** 1985 Aug;16(8):838–43

Glycosphingolipids of an alveolar rhabdomyosarcoma and normal human muscle. A case study. Leskawa KC, et al. **Neurochem Pathol** 1984 Spring;2(1):19–29

Enhancement of hematoporphyrin derivative uptake in vitro and in vivo by tumor cells in the presence of lanthanum. Crone-Escanye MC, et al. **Tumori** 1985 Feb 28;71(1):39–43

[Colony stimulating factor producing tumor cell line derived from a patient with renal rhabdomyosarcoma] Kishi K, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1618–25 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Primary rhabdomyosarcoma of brain and cerebellum. Report of four cases in infants: an immunohistochemical study. Taratuto AL, et al. **Acta Neuropathol (Berl)** 1985 66(2):98–104

Desmin is a specific marker for rhabdomyosarcomas of human and rat origin. Altmannsberger M, et al. **Am J Pathol** 1985 Jan;118(1):85–95

Rhabdomyosarcoma in a patient treated for metastatic germ cell tumour of the testis containing teratoma--a case report. Haines IE, et al. **Aust NZ J Surg** 1985 Apr;55(2):141-3

Pleomorphic rhabdomyosarcoma of the uterus. Case report with a review of the literature. Jaworski RC, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1269-73

Embryonal rhabdomyosarcoma of the prostatic-urethral region in an adult. Keenan DJ, et al. **Br J Urol** 1985 Apr; 57(2):241

Alveolar rhabdomyosarcoma of the female genitalia. Copeland LJ, et al. **Cancer** 1985 Aug 15;56(4):849-55

Sarcomas--a clinicopathological guide with particular reference to cutaneous manifestation. II. Malignant nerve sheath tumour, leiomyosarcoma and rhabdomyosarcoma. Fletcher CD, et al. **Clin Exp Dermatol** 1985 May; 10(3):201-16 (65 ref.)

Primary rhabdomyosarcoma of the leptomeninx. Clinical, neuroradiological and pathological aspects. Korinthenberg R, et al. **Clin Neurol Neurosurg** 1984;86(4):301-5

Colpocytology in children: 3 cases of botryoid sarcoma. Minucci D, et al. **Eur J Gynaecol Oncol** 1985;6(2):156-60

Unusual malignant neuroectodermal tumours of the ovary--case report and literature review. Burke M, et al. **Histopathology** 1984 Nov;8(6):1059-67

Dedifferentiated chondrosarcoma with a rhabdomyosarcomatous component. Astorino RN, et al. **Hum Pathol** 1985 Mar;16(3):318-20

Rhabdomyosarcomatous uterine adenosarcoma. Chen KT. **Int J Gynecol Pathol** 1985;4(2):146-52

Embryonal rhabdomyosarcoma of the ear: a review of the literature and case history. Wells SC. **J Laryngol Otol** 1984 Dec;98(12):1261-6

Small cell tumours in childhood: a review. Variend S. **J Pathol** 1985 Jan;145(1):1-25 (134 ref.)

Development of nongerm cell malignancies in nonseminomatous germ cell tumors. Ritchey ML, et al. **J Urol** 1985 Jul;134(1):146-9

Sarcoma and carcinosarcoma of the bladder in adults. Sen SE, et al. **J Urol** 1985 Jan;133(1):29-30

Enhanced cloning efficiency of murine rhabdomyosarcoma cells after chlorozotocin treatment: relationship with enhanced lung metastasis. Pauwels C, et al. **JNCI** 1985 Apr; 74(4):817-20

A pelvic mass with periosteal reaction [clinical conference]. **NY State J Med** 1985 Mar;85(3):106-8

Rhabdomyosarcoma and benign teratoma. Cushing B, et al. **Pediatr Pathol** 1983 Jul-Sep;1(3):345-8

Bladder tumours in children. Beurton D, et al. **Prog Clin Biol Res** 1984;162B:289-301 (39 ref.)

Rhabdomyosarcoma of the prostate--report of a case with an immunohistochemical study of the neoplastic rhabdomyoblast. Tamauchi H, et al. **Tokai J Exp Clin Med** 1984 Oct;9(4):323-9

Soft-tissue sarcomas in childhood. A study of 262 cases including 169 cases of rhabdomyosarcoma. Harms D, et al. **Z Kinderchir** 1985 Jun;40(3):140-5

[Rhabdomyosarcoma in childhood. I. Histologic structure] Kodet R. **Cesk Patol** 1985 May;21(2):69-76 (Eng. Abstr.) **(Cze)**

[Sarcomas originating in the muscles of the limbs] Froment N, et al. **Arch Anat Cytol Pathol** 1984;32(4):230-4 (Eng. Abstr.) **(Fre)**

[Experimental study of cancer metastasis] Poupon MF, et al. **Bull Cancer (Paris)** 1984;71(5):453-63 (28 ref.) (Eng. Abstr.) **(Fre)**

[An autopsy case of alveolar rhabdomyosarcoma of the prostate] Okamoto T, et al. **Gan No Rinsho** 1985 Mar; 31(3):350-3 (Eng. Abstr.) **(Jpn)**

[Retrovesical sarcoma (rhabdomyosarcoma): report of a case and a review of 46 cases in Japan] Banya Y, et al. **Hinyokika Kiyo** 1984 Jun;30(6):829-44 (Eng. Abstr.) **(Jpn)**

[Preliminary elaboration of the method of specimen collection using fine-needle biopsy in the diagnosis of rhabdomyosarcoma in children] Božek J, et al. **Probl Med Wieku Rozwoj** 1984;13:150-3 (Eng. Abstr.) **(Pol)**

[Evaluation of fine-needle biopsy specimens of rhabdomyosarcoma in comparison with other neoplasms in children] Liebhart M. **Probl Med Wieku Rozwoj** 1984; 13:164-7 (Eng. Abstr.) **(Pol)**

[Pararectal rhabdomyosarcoma. Report of 2 cases] Manzione A, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Sep-Oct; 39(5):243-7 (Eng. Abstr.) **(Por)**

[Rhabdomyosarcoma of the kidney in children] Sokolova IN, et al. **Arkh Patol** 1984;46(10):77-81 (Eng. Abstr.) **(Rus)**

[Retroperitoneal non-organic tumors] Aivazian AV, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):27-30 (Eng. Abstr.) **(Rus)**

[Capacity for differentiation and normalization of tumor cell populations in transplantation into the anterior chamber of the eye. III. Rhabdomyosarcoma A-7 clones] Al-Rubey AK, et al. **Tsitologiia** 1984 Nov;26(11):1287-94 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Floating teeth, a forgotten phenomenon? Staalman CR, et al. **J Belge Radiol** 1984;67(5):317-20

Computed tomography of prostatic and bladder rhabdomyosarcomas. Baker ME, et al. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):780-3

RADIONUCLIDE IMAGING

Case report 292. Diagnosis: alveolar rhabdomyosarcoma, metastatic to the right femur, primary site undetermined. McLean RG, et al. **Skeletal Radiol** 1984;12(4):288-93

RADIOTHERAPY

A case report of postradiation sarcoma. Yokoyama T, et al. **Hiroshima J Med Sci** 1984 Jun;33(2):247-50

Interstitial therapy in the management of soft-tissue sarcomas in childhood. Novaes PE. **Med Pediatr Oncol** 1985; 13(4):221-4

Testicle transposition in children who undergo low-pelvic or scrotal irradiation. Cheng BS, et al. **Urology** 1984 Nov; 24(5):476-8

SECONDARY

[That breast cancer was a metastasis...but where was the primary tumor?] GAREAU R. **Union Med Can** 1985 Jun; 114(6):520-1 **(Fre)**

SURGERY

Intraoperative irradiation: a new technique in pediatric oncology. Kaufman BH, et al. **J Pediatr Surg** 1984 Dec; 19(6):861-2

Primary rhabdomyosarcoma of the central nervous system: case report. Bradford R, et al. **Neurosurgery** 1985 Jul; 17(1):101-4

Primary intracranial rhabdomyosarcoma. Olson JJ, et al. **Neurosurgery** 1985 Jul;17(1):25-34

Sarcoma botryoides of the female genital tract. Copeland LJ, et al. **Obstet Gynecol** 1985 Aug;66(2):262-6

Reconstruction of a socket using a retroauricular temporal flap. van der Meulen JC. **Plast Reconstr Surg** 1985 Jan; 75(1):112-4

[Urinary bladder tumors in childhood] Gutsche I, et al. **Zentralbl Chir** 1984;109(15):996-1000 **(Ger)**

THERAPY

Soft tissue sarcomas arising in the retroperitoneal space in children. A report from the Intergroup Rhabdomyosarcoma Study (IRS) Committee. Crist WM, et al. **Cancer** 1985 Oct 15;56(8):2125-32

Graft-versus-host disease in rhabdomyosarcoma following transfusion with nonirradiated blood products. Labotka RJ, et al. **Med Pediatr Oncol** 1985;13(2):101-4

Rhabdomyosarcoma of the orbit [letter] Buckman G. **Plast Reconstr Surg** 1985 Oct;76(4):655-6

[Treatment of orbital rhabdomyosarcoma] Mourits MP, et al. **Ned Tijdschr Geneeskd** 1985 May 18;129(20):948-51 (Eng. Abstr.) **(Dut)**

[Orbitopalpebral rhabdomyosarcoma in a 17-year-old adolescent] Nicaise A, et al. **Bull Soc Ophtalmol Fr** 1984 Jan;84(1):55-8 (Eng. Abstr.) **(Fre)**

[Rhabdomyosarcoma: therapeutic results and prospectives] Guglielmi M, et al. **Pediatr Med Chir** 1984 Mar-Apr; 6(2):179-84 (Eng. Abstr.) **(Ita)**

[Preliminary elaboration of the method of complex treatment of rhabdomyosarcoma] Božek J, et al. **Probl Med Wieku Rozwoj** 1984;13:154-63 (Eng. Abstr.) **(Pol)**

ULTRASTRUCTURE

The ultrastructure of alveolar and embryonal rhabdomyosarcoma. A correlative light and electron microscopic study of 17 cases. Seidal T, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Jul; 92(4):231-48

Ultrastructural distinctions between adult pleomorphic rhabdomyosarcomas, pleomorphic liposarcomas, and pleomorphic malignant fibrous histiocytomas. Weiss LM, et al. **Hum Pathol** 1984 Nov;15(11):1025-33

Electron microprobe in vitro study of interaction of carcinogenic nickel compounds with tumour cells. Berry JP, et al. **IARC Sci Publ** 1984;(53):153-64

Small cell tumor in a 24-year-old male. Nesland JM, et al. **Ultrastruct Pathol** 1984;6(4):341-6

Malignant rhabdoid tumor of the prostatic region. Immunohistological and ultrastructural evidence for epithelial origin. Ekfors TO, et al. **Virchows Arch [A]** 1985; 406(3):381-8

[Variation in the number of C-heterochromatin blocks in the interphase nuclei of the cells of a transplantable murine rhabdomyosarcoma] Kaminskaia EV, et al. **Tsitologiia** 1985 Feb;27(2):240-3 (Eng. Abstr.) **(Rus)**

RHABDOVIRIDAE

ANALYSIS

Protein composition of rice transitory yellowing virus. Hayashi T, et al. **Microbiol Immunol** 1985;29(2):169-72

GENETICS

The late functions of Drosophila sigma virus. Contamine D. **Arch Virol** 1984;82(1-2):31-47

Molecular cloning of the six mRNA species of infectious hematopoietic necrosis virus, a fish rhabdovirus, and gene order determination by R-loop mapping. Kurath G, et al. **J Virol** 1985 Feb;53(2):469-76

Characterization of infectious hematopoietic necrosis virus mRNA species reveals a nonvirion rhabdovirus protein. Kurath G, et al. **J Virol** 1985 Feb;53(2):462-8

GROWTH & DEVELOPMENT

Arthropod studies with rabies-related Mokola virus. Aitken TH, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):945-52

Comparison of in vitro growth characteristics of ten isolates of infectious haematopoietic necrosis virus. Mulcahy D, et al. **J Gen Virol** 1984 Dec;65 (Pt 12):2199-207

IMMUNOLOGY

Antigenic analysis of rabies and Mokola virus from Zimbabwe using monoclonal antibodies. Wiktor TJ, et al. **Dev Biol Stand** 1984;57:199-211

Transmission of virus from serosal fluids and demonstration of antigen in neutrophils and mesothelial cells of cattle infected with bovine ephemeral fever virus. Young PL, et al. **Vet Microbiol** 1985 Apr;10(3):199-207

[Results of serological studies for the determination of antibodies against infectious pancreatic necrosis, viral hemorrhagic septicemia and spring viremia viruses in Schleswig-Holstein and their legal consequences] Hoppe K, et al. **DTW** 1985 May 7;92(5):172-4 (Eng. Abstr.) **(Ger)**

ISOLATION & PURIFICATION

Isolation of Kimberley virus, a rhabdovirus, from Culicoides brevitarsis. Zakrzewski H, et al. **Aust J Exp Biol Med Sci** 1984 Dec;62 (Pt 6):779-80

The isolation of a fourth bovine ephemeral fever group virus. Gard GP, et al. **Aust Vet J** 1984 Oct;61(10):332

Some aspects of virus shedding by rainbow trout (Salmo gairdneri Rich.) after waterborne infection with viral haemorrhagic septicaemia (VHS) virus. Neukirch M, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug; 257(3):433-8

Occurrence of VHS virus in wild white fish (Coregonus sp.). Ahne W, et al. **Zentralbl Veterinarmed [B]** 1985 Jan; 32(1):73-5

The existence of three different viral agents in a tumour bearing European eel (Anguilla anguilla). Ahne W, et al. **Zentralbl Veterinarmed [B]** 1985 Mar;32(3):228-35

RHAMNOSE

ANALOGS & DERIVATIVES

Synthesis of 2-deoxy-2-fluoro-D-mannose using fluoride ion. Haradahira T, et al. **Chem Pharm Bull (Tokyo)** 1984 Dec;32(12):4758-66

ANALYSIS

Chemical and physical characterization of four interfacial-active rhamnolipids from Pseudomonas spec. DSM 2874 grown on n-alkanes. Syldatk C, et al. **Z Naturforsch [C]** 1985 Jan-Feb;40(1-2):51-60

BIOSYNTHESIS

Production of four interfacial active rhamnolipids from n-alkanes or glycerol by resting cells of Pseudomonas species DSM 2874. Syldatk C, et al. **Z Naturforsch [C]** 1985 Jan-Feb;40(1-2):61-7

DIAGNOSTIC USE

Intestinal sugar permeability: relationship to diarrhoeal disease and small bowel morphology. Ford RP, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):568-74

METABOLISM

Fermentation mechanism of fucose and rhamnose in Salmonella typhimurium and Klebsiella pneumoniae. Badía J, et al. **J Bacteriol** 1985 Jan;161(1):435-7

URINE

The absence of rhamnose in human urine following the ingestion of gum karaya (Sterculia). Anderson AW, et al. **Food Addit Contam** 1985 Jan-Mar;2(1):33-6

RHENIUM

DIAGNOSTIC USE

[A follow-up study of lymphoscintigraphy of malignant lymphoma with 99 Tc-Re colloid] Otsuka N, et al. **Radioisotopes** 1984 Sep;33(9):654-7 **(Jpn)**

RHEOGRAPHY see **PLETHYSMOGRAPHY, IMPEDANCE**

RHEOLOGY

see related
FLOWMETERS

Hemorrheological effects of colloidal plasma substitutes infusion. A comparative study. Goto Y, et al. **Acta Anaesthesiol Scand** 1985 Feb;29(2):217-23

Visualization and analysis of right heart blood flow patterns by contrast echocardiography. Santoso T, et al.

Acta Cardiol (Brux) 1984;39(4):255-71

Flow patterns at the site of extracranial to intracranial end to side anastomosis. An experimental rheological study. Auer LM, et al. **Acta Neurochir (Wien)** 1984;73(1-2):45-57

Blood flow in the rabbit maxillary sinus mucosa. Measurement with a diffusible and a non-diffusible tracer. Kumlien JA, et al. **Acta Otolaryngol (Stockh)** 1985 Jan-Feb; 99(1-2):144-53

The laser Doppler flowmeter for measuring microcirculation in human nasal mucosa. Olsson P, et al. **Acta Otolaryngol (Stockh)** 1985 Jan-Feb;99(1-2):133-9

Influence of two-phase gas-liquid interaction on aerosol deposition in airways. Kim CS, et al. **Am Rev Respir Dis** 1985 Apr;131(4):618-23

Flow measurements with magnetic resonance. Oppelt A, et al. **Ann Radiol (Paris)** 1985;28(2):101-4

Haemorheological pattern in initial mental deterioration: results of a long-term study using piracetam and pentoxifylline. Parnetti L, et al. **Arch Gerontol Geriatr** 1985 Jul;4(2):141-55

New methods in biorheology. Proceedings of the International Symposium held in Nancy, France, 17-18 August 1983. **Biorheology** 1984;Suppl 1:1-354

Proceedings of the Fifth International Congress of Biorheology. Part II. Baden-Baden, F. R. Germany, 20-24 August 1983. **Biorheology** 1984;21(4):419-659

Proceedings of the Fifth International Congress of Biorheology. Part III. Baden-Baden, F.R. Germany, 20-24 August 1983. **Biorheology** 1984;21(5):663-734

Comparative interest of two coaxial viscometers: ecktacytometer and low shear 30. Adjizian JC, et al. **Biorheology** 1984;Suppl 1:95-7

Interests and limits of continuous excitation photo-physical methods applied to cellular rheology. Andre JC, et al. **Biorheology** 1984;Suppl 1:315-22

A new apparatus for measuring the thread-forming property (spinability) of biological fluids. Arnould JP, et al. **Biorheology** 1984;Suppl 1:123-6

Rheological approaches of arteries. Bauer RD. **Biorheology** 1984;Suppl 1:159-67

In vitro blood flows through small tubes. Bitoun JP, et al. **Biorheology** 1984;Suppl 1:151-3

Dependence of capillary flow resistance upon the width of the marginal layer and the viscosity of the axial core. Braasch D. **Biorheology** 1984;Suppl 1:135-43

Methods and instrumentation used in practice of clinical haemorheology. Dintenfass L. **Biorheology** 1984;Suppl 1:63-9

A new viscoelastometer for studying the rheological properties of bronchial mucus in clinical practice. Duvivier C, et al. **Biorheology** 1984;Suppl 1:119-22

Methods to study rheological properties of blood during clotting. Fukada E, et al. **Biorheology** 1984;Suppl 1:9-14

Harmonic and impulse rheological tests of biomaterials. Geiger D, et al. **Biorheology** 1984;Suppl 1:193-200

Automated apparatus for the filtration initial flow rate measurement. Hanss M, et al. **Biorheology** 1984;Suppl 1:275-7

Kinetorheological aspects of biorheology. Hennenberg M, et al. **Biorheology** 1984;21(4):437-43

The OP-Rheometer system, a new device for analysis of viscosity and viscoelasticity of blood: description and clinical application. Isogai Y, et al. **Biorheology** 1984;Suppl 1:35-41

Some new developments in the rheology of bone. Johnson M, et al. **Biorheology** 1984;Suppl 1:169-74

Surface rheological properties of hyaluronic acid solutions. Kerr HR, et al. **Biorheology** 1985;22(2):133-44

The hematocrit-erythrocyte-disaggregation-apparatus (HEDA). Kiesewetter H, et al. **Biorheology** 1984;Suppl 1:213-5

Assignment of hemorheological instruments in the angiologic ambulance: first results and experiences. Kiesewetter H, et al. **Biorheology** 1984;Suppl 1:71-4

Biorheological methods employing the Weissenberg rheogoniometer. King RG, et al. **Biorheology** 1984;Suppl 1:23-34

A nanosecond fluorometer for studies of rheological aspects of biomembranes. Koyama T, et al. **Biorheology** 1984;Suppl 1:323-9

Applications of electron spin resonance spectroscopy to microrheology studies of membranes and cells. Leterrier F, et al. **Biorheology** 1984;Suppl 1:309-14

Studies of hydration and swelling pressure in normal and osteoarthritic cartilage. Maroudas A, et al. **Biorheology** 1985;22(2):159-69

Surface rheological observations on human plasma. Matrai A, et al. **Biorheology** 1984;Suppl 1:103-5

Some mathematical and numerical methods for determination of behaviour law of blood. Maurice G, et al. **Biorheology** 1984;Suppl 1:107-10

The Technicon Ektacytometer: automated exploration of erythrocyte function. Nossal MP. **Biorheology** 1984;Suppl 1:291-5

Towards a unified model of elasto-thixotropy of biofluids. Quemada D. **Biorheology** 1984;21(4):423-36

Transient hemorheology in an air-bearing viscosimeter. Ravey JC, et al. **Biorheology** 1984;Suppl 1:79-82

The Aachen clinical hemorheology test profile: a proposal for the documentation of hemorheological data in clinical medicine. Schmid-Schönbein H, et al. **Biorheology** 1984; Suppl 1:49-62

Rheological behavior of blood platelets in vivo. Slaaf DW, et al. **Biorheology** 1984;Suppl 1:145-9

Studies of rheologically active biological macromolecules by quasielastic light scattering. Steiner CA, et al. **Biorheology** 1984;Suppl 1:335-46

Swelling pressure of the inervertebral disc: influence of proteoglycan and collagen contents. Urban JP, et al. **Biorheology** 1985;22(2):145-57

Age-related changes in deformability of human erythrocytes. Sutera SP, et al. **Blood** 1985 Feb;65(2):275-82

Microrheologic investigation of erythrocyte deformability in diabetes mellitus. Williamson JR, et al. **Blood** 1985 Feb; 65(2):283-8

Peripheral venous pulsatility detected by Doppler method for diagnosis of right heart failure. Krahenbuhl B, et al. **Cardiology** 1984;71(4):173-6

Detection of different blood flow patterns in the true and false lumina with aortic root dissection by pulsed Doppler echocardiography. Mohri M, et al. **Clin Cardiol** 1985 Apr; 8(4):225-7

Measurement of aqueous humor flow with scanning ocular fluorophotometers. Topper JE, et al. **Curr Eye Res** 1984 Dec;3(12):1391-5

The role of erythrocyte deformability in the rheological behaviour of the blood. Chan MT, et al. **Folia Haematol (Leipz)** 1984;111(6):788-96

Response of nasal blood flow to neurohormones as measured by laser-Doppler velocimetry. Druce HM, et al. **J Appl Physiol** 1984 Oct;57(4):1276-83

Reversing flow in the aorta: a theoretical model. Jayaraman G, et al. **J Biomech** 1984;17(7):479-90

Interaction of peristaltic flow with pulsatile flow in a circular cylindrical tube. Srivastava LM, et al. **J Biomech** 1985; 18(4):247-53

Peristaltic transport of blood: Casson model--II. Srivastava LM, et al. **J Biomech** 1984;17(11):821-9

Conformational stress and anastomotic hyperplasia [letter] Kennedy JH, et al. **J Vasc Surg** 1985 Mar;2(2):369-70

Structural details of boundary layer separation in a model human carotid bifurcation under steady and pulsatile flow conditions. LoGerfo FW, et al. **J Vasc Surg** 1985 Mar; 2(2):263-9

Effect of wall shear stress on intimal thickening of arterially transplanted autogenous veins in dogs. Morinaga K, et al. **J Vasc Surg** 1985 May;2(3):430-3

Changes in blood rheology produced by exercise [letter] Ernst E. **JAMA** 1985 May 24-31;253(20):2962-3

Theoretical assessment of the effect of flow maldistributions on the mass transfer efficiency of artificial organs. Vander Velde C, et al. **Med Biol Eng Comput** 1985 May;23(3):224-9

NMR blood flow imaging using multiecho, phase contrast sequences. O'Donnell M. **Med Phys** 1985 Jan-Feb; 12(1):59-64

Entrainment of microspheres within blood flowing through microarteries. Harell GS, et al. **Mt Sinai J Med (NY)** 1984 Jul-Aug;51(4):552-8

Simultaneous measurement of local blood flow and tissue oxygen in rat spinal cord. Hayashi N, et al. **Neurol Res** 1983;5(4):49-58

Postoperative evaluation of extracranial-intracranial arterial bypass by means of ultrasonic quantitative flow measurement and computed mapping of the electroencephalogram. Hyodo A, et al. **Neurosurgery** 1984 Sep;15(3):381-6

Ventricular thrombosis during permanent endocardial pacing in a pediatric patient with hemorrheological disorders. Bastianon V, et al. **PACE** 1985 Mar;8(2):164-9

Rheology of fetal and maternal blood. Reinhart WH, et al. **Pediatr Res** 1985 Jan;19(1):147-53

The blood rheology of man and various animal species. Amin TM, et al. **Q J Exp Physiol** 1985 Jan;70(1):37-49

Blood flow in prosthetic devices. Richardson PD. **Sci Prog** 1985 Autumn;69(275):375-91

Fourier transform infrared spectroscopic studies of plasma protein adsorption under well defined flow conditions. Bellissimo JA, et al. **Trans Am Soc Artif Intern Organs** 1984;30:359-63

The role of shear during membrane plasmapheresis: a dynamic approach. Dunleavy MJ, et al. **Trans Am Soc Artif Intern Organs** 1984;30:657-64

Clearance and ultrafiltration of reused dialyzers. Gotch FA. **Trans Am Soc Artif Intern Organs** 1984;30:717-8

Effect of membrane dimensions and shear rate on plasma filtration for hollow fibers. Jaffrin MY, et al. **Trans Am Soc Artif Intern Organs** 1984;30:401-5

A new pump chamber for the roller pump allows control of flow output by filling pressure. Tamari Y, et al. **Trans Am Soc Artif Intern Organs** 1984;30:561-6

Paradoxical refluxes in Doppler ultrasound examination of the leg veins. Hübner HJ, et al. **Vasa** 1985;14(1):44-50

[Blood rheology as a risk indicator in cardiovascular diseases?] Ernst E, et al. **Dtsch Med Wochenschr** 1985 Jun 14;110(24):967-70 (47 ref.) (Ger)

[Is hemorheologic therapy in cerebrovascular disorders ready for general practice] Ernst E. **Fortschr Med** 1985 Feb 14; 103(6):107-8 (Eng. Abstr.) (Ger)

[Hemorheologic therapy in peripheral arterial occlusive disease] Kiesewetter H, et al. **Fortschr Med** 1984 Oct 4; 102(37):921-4 (Eng. Abstr.) (Ger)

[Photoplethysmography and light reflex rheography in angiologic diagnosis. Technics and possibilities for use] Partsch H. **Fortschr Med** 1985 Apr 4;103(13):72-3 (Ger)

[Changes in hemorheologic and physiologic coagulation parameters in different methods of therapy of retinal vascular disorders--a randomized double-blind study] Heinen A, et al. **Fortschr Ophthalmol** 1984;81(5):444-8 (Eng. Abstr.) (Ger)

[Entoptoscopy of erythrocyte flow in choriocapillaries] Brückner R. **Klin Monatsbl Augenheilkd** 1985 Feb; 186(2):114-6 (Eng. Abstr.) (Ger)

[Hemorrheologic measuring methods in clinical practice. 3d Congress of the German Society for Clinical Hemorrheology, Homburg/Saar, 18-19 October 1984] **Klin Wochenschr** 1984 Oct 1;62(19):939-51 (Ger)

[The rheologic properties of blood. New findings from circulatory research] Pfafferott C, et al. **Med Monatsschr Pharm** 1985 Jul;8(7):193-202 (Ger)

[Rheologic study of Eudispert-ammonium hydrogels. 1] Srčič S, et al. **Pharmazie** 1985 Feb;40(2):128-9 (Ger)

[Hemorheologic effects of ioxaglate: a contribution to an interpretation of the effect of hyperosmolar roentgen contrast media on the fluidity of erythrocytes] Schmid-Schönbein H, et al. **Radiologe** 1984 Oct; 24(10):478-87 (Eng. Abstr.) (Ger)

[Simulation of arterial pulse curves in elastic tubes and a carotid preparation] Arnolds BJ, et al. **Ultraschall Med** 1984 Oct;5(5):231-6 (Eng. Abstr.) (Ger)

[Doppler analysis of blood flow of the supratrochlear artery: age specific pattern analysis in healthy and hypertensive patients] Keller HM, et al. **Ultraschall Med** 1984 Oct; 5(5):224-30 (Eng. Abstr.) (Ger)

[Quantitative determination of blood flow in the internal jugular vein using ultrasound] Müller HR. **Ultraschall Med** 1985 Feb;6(1):51-4 (Eng. Abstr.) (Ger)

[Origins of medical hemoheology in the 18th century: H. Boerhaave, A. v. Haller and G. van Swieten] Schmid-Schönbein H. **Vasa** 1984;Suppl 12:10-31 (Eng. Abstr.) (Ger)

[Rheologic evaluation of vascular branch thrombosis] Wurzinger LJ, et al. **Vasa** 1984;13(4):305-10 (Eng. Abstr.) (Ger)

[Comparative study on the effect of diet, exercise and iodine balneotherapy on blood rheologic parameters in diabetics within the scope of a 4 week health resort stay in Bad Hall] Moser M, et al. **Wien Klin Wochenschr** 1985 Mar 29;97(7):327-31 (Eng. Abstr.) (Ger)

[Effect of low molecular dextran on maternal microrheologic parameters, fetal heart rate and transcutaneous fetal oxygen partial pressure in labor] Kurz CS, et al. **Z Geburtshilfe Perinatol** 1985 Jan-Feb;189(1):25-33 (Eng. Abstr.) (Ger)

['Critical compression pressure' or optimal drainage pressure] Kuhnke E. **Z Lymphol** 1984 Jun;8(1):29-34 (Ger)

[Hemorheologic changes in ankylosing spondylitis] Ernst E, et al. **Z Rheumatol** 1984 Jul-Aug;43(4):190-2 (Eng. Abstr.) (Ger)

[Flowmetric, thermometric and rheologic studies in obliterating arterial diseases of the lower extremities treated with buflomedil] Dorigo B, et al. **Minerva Med** 1985 Feb 25;76(7):269-75 (Eng. Abstr.) (Ita)

[Rheological properties of salt-free solutions of H+- and Na+-DNA] Paponov VD, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1538-48 (Eng. Abstr.) (Rus)

METHODS

Quantitative Doppler flowmetry. II. Reliability of a duplex scanning system under in vitro conditions. Smith HJ. **Acta Radiol [Diagn] (Stockh)** 1984;25(6):535-43

RHESUS BLOOD-GROUP SYSTEM see **RH-HR BLOOD-GROUP SYSTEM**

RHETINIC ACID see **GLYCYRRHETINIC ACID**

RHEUMATIC FEVER

Recurrent rheumatic fever. Murray NH, et al. **Ann Rheum Dis** 1985 Mar;44(3):205-6

Clinical profile of rheumatic fever in some hospitalised children of Bangladesh. Khatoon M. **Bangladesh Med Res Counc Bull** 1985 Jun;11(1):33-8

[High-dose intravenous methylprednisolone (pulsotherapy) a possible therapeutic solution for active rheumatic fever with severe carditis] de Couto AA, et al. **Arq Bras Cardiol** 1984 Aug;43(2):97-101 (Eng. Abstr.) (Por)

BLOOD

Role of blood groups in etiopathogenesis and prevention of rheumatic fever. Singh T, et al. **Indian Pediatr** 1984 Apr; 21(4):323-6

COMPLICATIONS

Poststreptococcal nephritis and acute rheumatic fever in two adults. Ben-Dov I, et al. **Arch Intern Med** 1985 Feb; 145(2):338-9

Ventricular tachycardia in acute rheumatic fever. Freed MS, et al. **Arch Intern Med** 1985 Oct;145(10):1904-5

An unusual case of rheumatic pneumonia. Raz I, et al. **Arch Intern Med** 1985 Jun;145(6):1130-1

Atrioventricular dissociation in rheumatic fever: report of a case. Brooks GI, et al. **J Am Osteopath Assoc** 1985 Jan; 85(1):89-91

Possible association of measles virus infection with rheumatic fever [letter] Rowe PC. **N Engl J Med** 1985 Aug 29; 313(9):580–1

Persistent rheumatic chorea. Gibb WR, et al. **Neurology** 1985 Jan;35(1):101–2

DIAGNOSIS

The mathematical analysis of the data concerning the rheumatic fever diagnostic criteria. Mihalcu F, et al. **Arch Roum Pathol Exp Microbiol** 1985 Jan–Mar; 44(1):23–30 •

Rheumatic carditis presenting as acute myocardial infarction. Suliman K, et al. **Isr J Med Sci** 1985 May;21(5):445–50

[Acute articular rheumatism (AAR). II.] Popescu V, et al. **Rev Pediatr Obstet Ginecol [Pediatr]** 1985 Apr–Jun; 34(2):119–42 (Eng. Abstr.) **(Rum)**

[Brucellosis and rheumatic fever] Altay G. **Mikrobiyol Bul** 1984 Jul;18(3):165–7 (Eng. Abstr.) **(Tur)**

DRUG THERAPY

Salicylate-induced hepatitis in rheumatic fever. Hamdan JA, et al. **Am J Dis Child** 1985 May;139(5):453–5

Effect of aspirin on renal and hepatic function in children suffering from juvenile rheumatoid arthritis and rheumatic fever. Bhabha FS, et al. **Indian J Pediatr** 1984 May–Jun; 51(410):317–21

Rheumatic fever prophylaxis: Gisborne experience. Frankish JD. **NZ Med J** 1984 Oct 10;97(765):674–5

Hemolysis in ARF in a G6PD-deficient patient: case 2 [letter] Seeler RA, et al. **Pediatr Cardiol** 1984;5(4):328–9

Recurrence of rheumatic fever [letter] Feinstein AR. **Pediatrics** 1985 May;75(5):991

[Pharmacokinetics of acetylsalicylic acid in children with rheumatic fever] Utetleuov B. **Pediatriia** 1985 Feb;(2):75 **(Rus)**

ETIOLOGY

Rheumatic fever: the interplay between host, genetics, and microbe. Lewis A. Conner memorial lecture. Zabriskie JB. **Circulation** 1985 Jun;71(6):1077–86

Sore throat, antibiotics and rheumatic fever. Foggo BA. **Fam Pract** 1985 Jun;2(2):101–7 (54 ref.)

Antibiotics, sore throats and rheumatic fever. Howie JG, et al. **J R Coll Gen Pract** 1985 May;35(274):223–4

Experimentally induced streptococcal carditis and arthritis in mice treated with anti-macrophage antiserum and prednisolone. Nishimura T. **Ryumachi** 1984 Oct; 24(5):352–65

FAMILIAL & GENETIC

[Effect of a family history of rheumatic fever on the reactivity of healthy children and children with rheumatic fever] Zemliakova ZM, et al. **Pediatriia** 1984 Nov;(11):30–2 (Eng. Abstr.) **(Rus)**

HISTORY

Acute rheumatic fever in adults--the disease [editorial] Hart FD. **J Rheumatol** 1985 Apr;12(2):193–4

Landmark article May 13, 1950: Prevention of rheumatic fever. Treatment of the preceding streptococcic infection. By Floyd W. Denny, Lewis W. Wannamaker, William R. Brink, Charles H. Rammelkamp Jr. and Edward A. Custer. **JAMA** 1985 Jul 26;254(4):534–7

IMMUNOLOGY

Rheumatic fever-associated B cell alloantigens as identified by monoclonal antibodies. Zabriskie JB, et al. **Arthritis Rheum** 1985 Sep;28(9):1047–51

Immunoregulation in rheumatic fever. Hsieh KH, et al. **Asian Pac J Allergy Immunol** 1985 Jun;3(1):23–9

Smooth muscle antibody in children with acute rheumatic fever and rheumatic heart disease. Hwang B, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1985 Feb;18(1):25–9

Cell mediated immune responses to purified cardiac antigens in acute rheumatic fever & rheumatic heart disease. Natu SM, et al. **Indian J Med Res** 1984 Nov;80:566–71

Appearance of Ia antigens on T lymphocytes stimulated by streptococcal mitogen as an in vitro model of autoimmunity. Quagliata F, et al. **Int J Tissue React** 1985; 7(1):47–53

Acute rheumatic fever in adults--understanding the disease. Inman RD. **J Rheumatol** 1985 Apr;12(2):195–8

Clinical significance of anti-streptococcal esterase (ASE) determination in rheumatic fever and other streptococcal diseases. Fujikawa S, et al. **Jpn Circ J** 1984 Dec; 48(12):1330–3

Anti-NADase values in rheumatic fever and valvular disease. Watanabe N, et al. **Jpn Circ J** 1984 Dec;48(12):1343–4

Lymphocytotoxic antibodies in children suffering from juvenile rheumatoid arthritis and rheumatoid fever. Prusek W, et al. **Panminerva Med** 1985 Jan–Mar;27(1):49–51

Autoimmune mechanisms in the pathogenesis of rheumatic fever. Senitzer D, et al. **Rev Infect Dis** 1984 Nov–Dec; 6(6):832–9 (52 ref.)

MICROBIOLOGY

Streptocin production and antistreptolysin O titre in rheumatic fever and rheumatic heart disease. Aggarwal P. **J Commun Dis** 1984 Dec;16(4):307–10

OCCURRENCE

Acute rheumatic fever in the southeastern metropolitan area of Santiago, Chile, 1976–1981. Berríos X, et al. **Bull Pan Am Health Organ** 1984;18(4):389–96

The geographic distribution of rheumatic fever in Hawaii. Chun LT, et al. **Hawaii Med J** 1985 May;44(5):188, 190

Rheumatic fever and rheumatic heart disease in Serbia Proper, Yugoslavia, 1970–1979. Vlajinac H, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(4):427–34

Landmark perspective: The rise and fall of rheumatic fever. Bisno AL. **JAMA** 1985 Jul 26;254(4):538–41

Decline in rheumatic fever [editorial] **Lancet** 1985 Sep 21; 2(8456):647–8

Possible association between rubella vaccination and the decline in rheumatic fever [letter] Wedum BG. **N Engl J Med** 1985 Apr 11;312(15):991–2

The Northland rheumatic fever register. Flight RJ. **NZ Med J** 1984 Oct 10;97(765):671–3

Patients with rheumatic fever recurrences. Newman JE, et al. **NZ Med J** 1984 Oct 10;97(765):678–80

Rheumatic fever and rheumatic heart disease at the Rotorua Hospital 1971–1982. Purchas SH, et al. **NZ Med J** 1984 Oct 10;97(765):675–8

PATHOLOGY

Studies of streptococcal membrane antigen--binding cells in acute rheumatic fever. Williams RC Jr, et al. **J Lab Clin Med** 1985 May;105(5):531–6

PHYSIOPATHOLOGY

Lung function in children and adolescents with antecedents of acute rheumatic fever. Noseda A, et al. **Eur J Pediatr** 1985 May;144(1):53–5

[Microcirculatory disorders in mitral stenosis surgery] Uglov FG, et al. **Vestn Khir** 1985 Jan;134(1):12–7 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Prevention of rheumatic fever. A statement for health professionals by the Committee on Rheumatic Fever and Infective Endocarditis of the Council on Cardiovascular Disease in the Young. Shulman ST, et al. **Circulation** 1984 Dec;70(6):1118A–1122A

Prevention of bacterial endocarditis. A statement for health professionals by the Committee on Rheumatic Fever and Infective Endocarditis of the Council on Cardiovascular Disease in the Young. Shulman ST, et al. **Circulation** 1984 Dec;70(6):1123A–1127A

Prevention of rheumatic fever and heart disease. Haque KN. **Clin Ther** 1985;7(3):310–8 (12 ref.)

The challenge of rheumatic fever and rheumatic heart disease in India. Padmavati S. **Indian Heart J** 1982 Nov–Dec; 34(6):364–6

Rheumatic fever article questioned [letter] **Pediatrics** 1984 Dec;74(6):1133–4

[Program of the campaign against acute rheumatoid arthritis within the framework of primary health care] Fassin D, et al. **Tunis Med** 1983 Nov–Dec;61(6):393–6 (Eng. Abstr.) **(Fre)**

[Perspectives of rheumatic diseases in Rio Grande do Sul] Gus I. **Arq Bras Cardiol** 1984 Sep;43(3):209–11 **(Por)**

THERAPY

The decline of rheumatic fever: role of medical intervention. Lewis W. Wannamaker Memorial Lecture. Markowitz M. **J Pediatr** 1985 Apr;106(4):545–50 (22 ref.)

[Components of the complement system and functional activity of neutrophils in the evaluation of the effectiveness of step-by-step sanatorium-health resort treatment of rheumatic and non-rheumatic tonsillogenic cardiac lesions in children] Vasil'eva VV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar–Apr; (2):40–3 (Eng. Abstr.) **(Rus)**

[Treatment of rheumatoid diseases using naphthalan] Gulieva SA, et al. **Reumatizam** 1984;31(3–4):63–6 (Eng. Abstr.) **(Scr)**

RHEUMATIC HEART DISEASE

A survey to evaluate the management of orthodontic patients with a history of rheumatic fever or congenital heart disease. Gaidry D, et al. **Am J Orthod** 1985 Apr; 87(4):338–44

Clinical, bacteriological and immunological correlationship of rheumatic activity. Pruthi PK, et al. **Indian Heart J** 1984 Jul–Aug;36(4):235–40

BLOOD

[Unconjugated estriol levels in the blood of pregnant women with acquired heart defects] Granovskaia TN, et al. **Akush Ginekol (Mosk)** 1984 Dec;(12):20–2 (Eng. Abstr.) **(Rus)**

[Blood haptoglobin in patients with myocardial diseases] Chernikhovskaia LS, et al. **Lab Delo** 1985;(5):274–6 (Eng. Abstr.) **(Rus)**

[Indicators of erythrocytic hemostasis in patients with rheumatism of minimal degree of activity] Karpovich LG. **Vrach Delo** 1985 Jan;(1):52–6 (Eng. Abstr.) **(Rus)**

[Indicators of the kallikrein-kinin system of the blood in patients with recurrent rheumocarditis and circulatory insufficiency] Salovaĭ VA. **Vrach Delo** 1985 Jun;(6):8–10 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Tricuspid stenosis and regurgitation in rheumatic heart disease: a prospective cardiac catheterization study in 525 patients. Yousof AM, et al. **Am Heart J** 1985 Jul;110(1 Pt 1):60–4

Aortic valve prolapse in congenital and acquired systemic disease. Arvan S. **Arch Intern Med** 1985 Sep;145(9):1601–3

Anticoagulation and hemorrhagic infarction in cerebral embolism secondary to rheumatic heart disease. Calandre L, et al. **Arch Neurol** 1984 Nov;41(11):1152–4

Chronic post-rheumatic-fever arthritis (Jaccoud's arthritis) involving the feet. A case report. Joseph B, et al. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1124–5

Thyroid function in patients with rheumatic heart disease. Macleod MD. **Scott Med J** 1985 Jan;30(1):23–4

[Rare case of rheumatic heart valve disease combined with pericardial mesothelioma in a 28-year-old patient] Selivanenko VT, et al. **Grudn Khir** 1985 May–Jun;(3):93 **(Rus)**

[Acute disorders of the mesenteric circulation among heart defect patients] Gagarin VV. **Kardiologiia** 1984 Aug; 24(8):81–4 (Eng. Abstr.) **(Rus)**

[Myocardial infarct in rheumatic mitral valve defects] Khetagurov AD, et al. **Ter Arkh** 1985;57(4):108–10 (Eng. Abstr.) **(Rus)**

[Velospiroergometric tests in the diagnosis of initial stages of coronary and cardiac insufficiency in patients with rheumatism] Gritsiuk AI, et al. **Vrach Delo** 1985 Jan; (1):45–9 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Assessment of right heart hemodynamics by contrast echocardiography. Santoso T, et al. **Int J Cardiol** 1984 Sep; 6(3):307–17

[Clinical and echocardiographic correlation in pure, severe and chronic aortic insufficiency] Chaara, et al. **Maroc Med** 1985 Jun;7(2):556–70 (Eng. Abstr.) **(Fre)**

[Echocardiography and cardiac localizations of rheumatoid polyarthritis in Africans] Monnier A, et al. **Med Trop (Mars)** 1984 Oct–Dec;44(4):327–30 (Eng. Abstr.) **(Fre)**

[Echocardiographic diagnosis in diseases of the tricuspid valve] Wester HA. **Fortschr Med** 1984 Dec 13; 102(46):1181–4 (Eng. Abstr.) **(Ger)**

[Ventricular paroxysmal tachycardia (VPT) in a child with AAR; the familial implications based on this clinical case] Tirnoveanu G, et al. **Rev Pediatr Obstet Ginecol [Pediatr]** 1985 Apr–Jun; 34(2):177–80 **(Rum)**

[Phase analysis of left ventricular systole in subjects given a diagnosis of primary rheumocarditis in childhood] Selivonenko VG, et al. **Klin Med (Mosk)** 1984 Nov; 62(11):81–4 (Eng. Abstr.) **(Rus)**

[Developmental characteristics of contemporary rheumatic fever in children] Dorofeeva GD, et al. **Pediatriia** 1984 Nov;(11):27–30 (Eng. Abstr.) **(Rus)**

[Value of complex instrumental examination of the cardiovascular system in patients with rheumatoid arthritis] Kogan BM, et al. **Sov Med** 1984;(7):5–8 (Eng. Abstr.) **(Rus)**

[The course of ischemic heart disease in rheumatic defects in persons over 45] Shedov VV, et al. **Ter Arkh** 1985; 57(4):105–8 (Eng. Abstr.) **(Rus)**

[Echocardiographic determination of the degree of valvular regurgitation in isolated acquired heart defects] Bobkov VV, et al. **Vestn Khir** 1985 May;134(5):26–8 (Eng. Abstr.) **(Rus)**

[Value of electrocardiographic studies and graded physical loads for the detection of latent and torpid forms of rheumatism] Ermalinskiĭ AF, et al. **Vrach Delo** 1985 Jan; (1):49–52 **(Rus)**

DRUG THERAPY

Acute rheumatic fever [letter] Sanyal SK. **Am J Dis Child** 1985 May;139(5):441–2

Treatment choice in acute rheumatic carditis [letter] Etzioni A, et al. **Arch Dis Child** 1984 Dec;59(12):1198–9

[Urinary excretion of prostaglandins and changes in plasma renin levels in patients with rheumatoid arthritis associated with cardiac decompensation treated with thiazides] Svendsen UG, et al. **Ugeskr Laeger** 1985 Feb 11; 147(7):612–4 (Eng. Abstr.) **(Dan)**

[Warfarin embryopathy] Galil A, et al. **Harefuah** 1984 Dec 16;107(12):390–2 (Eng. Abstr.) **(Heb)**

[High-dose intravenous methylprednisolone (pulsotherapy): a possible therapeutic solution for active rheumatic fever with severe carditis] de Couto AA, et al. **Arq Bras Cardiol** 1984 Aug;43(2):97–101 (Eng. Abstr.) **(Por)**

ENZYMOLOGY

Serum MB-creatine kinase is not elevated in active rheumatic carditis. Haffejee IE, et al. **J Trop Med Hyg** 1984 Oct; 87(5):215–8

[Total proteolytic activity of the blood and its inhibitors in patients following heart operations] Prokhodtsev II, et al. **Vestn Khir** 1984 Oct;133(10):18–22 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Ventricular tachycardia in acute rheumatic fever. Freed MS, et al. **Arch Intern Med** 1985 Oct;145(10):1904–5

IMMUNOLOGY

Smooth muscle antibody in children with acute rheumatic fever and rheumatic heart disease. Hwang B, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1985 Feb;18(1):25–9

Cell mediated immune responses to purified cardiac antigens in acute rheumatic fever & rheumatic heart disease. Natu SM, et al. **Indian J Med Res** 1984 Nov;80:566–71

Specificity of persistence of antibody to the streptococcal group A carbohydrate in rheumatic valvular heart disease. Appleton RS, et al. **J Lab Clin Med** 1985 Jan;105(1):114–9

[Clinico-immunological characteristics of the course of rheumatism in Afghanistan] Dunin VI, et al. **Vrach Delo** 1984 Aug;(8):21–4 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Streptocin production and antistreptolysin O titre in rheumatic fever and rheumatic heart disease. Aggarwal P. **J Commun Dis** 1984 Dec;16(4):307–10

OCCURRENCE

Epidemiology of rheumatic heart disease--a study of 29,922 school children. Mathur KS, et al. **Indian Heart J** 1982 Nov–Dec;34(6):367–71

Serological evidence for rheumatic fever & rheumatic heart disease in Kashmir (India). Mohan C, et al. **Indian J Med Res** 1985 Mar;81:297–300

Rheumatic fever and rheumatic heart disease in Serbia Proper, Yugoslavia, 1970–1979. Vlajinac H, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(4):427–34

Incidence of heart disease in children at the National Institute of Cardiovascular Diseases. Aziz K. **JPMA** 1984 Oct; 34(10):300–5

Rheumatic fever and rheumatic heart disease at the Rotorua Hospital 1971–1982. Purchas SH, et al. **NZ Med J** 1984 Oct 10;97(765):675–8

PATHOLOGY

Histopathology of the aortic valve in patients with a previous history of acute rheumatic fever. An analysis of 63 surgical specimens. Goffin YA, et al. **Acta Cardiol (Brux)** 1984; 39(5):329–39

Monoclonal antibody identification of mononuclear cells in endomyocardial biopsy specimens from a patient with rheumatic carditis. Marboe CC, et al. **Hum Pathol** 1985 Apr;16(4):332–8

Pulmonary parenchymal changes in rheumatic mitral stenosis in India with special reference to the juvenile group. Randhawa PS, et al. **Indian J Chest Dis Allied Sci** 1983 Oct–Dec;25(4):273–9

Changes in atrial biopsies in chronic rheumatic heart disease. I: Cellulo-vascular and mesenchymal reaction. Dastur DK, et al. **Pathol Res Pract** 1985 May;179(6):591–9

Changes in atrial biopsies in chronic rheumatic heart disease. II: Muscle fibre reaction. Vevaina SC, et al. **Pathol Res Pract** 1985 May;179(6):600–9

[The characteristics of subvalvular lesions of excised rheumatic mitral valves] Ishihara S, et al. **Kyobu Geka** 1985 Feb;38(2):96–100 (Eng. Abstr.) **(Jpn)**

[Morphofunctional changes in the neuroendocrine system in rheumatism and experimental infection of animals with L-forms] Ambardzhanian RS, et al. **Sov Med** 1985;(1):5–10 (Eng. Abstr.) **(Rus)**

[Pathology review. Acute rheumatic fever--Aschoff nodule] Castillo-Staab M. **Bol Asoc Med PR** 1984 Jul;76(7):291–2 **(Spa)**

PHYSIOPATHOLOGY

Intramyocardial coronary arterial changes in rheumatic mitral valve disease. Relation to left ventricular function. Subramanyan R, et al. **Cardiology** 1984;71(5):233–8

Clinical features of rheumatic heart disease in Bangladesh. Okubo S, et al. **Jpn Circ J** 1984 Dec;48(12):1345–9

Immediate hemodynamic changes after open heart surgery for rheumatic valvular disease. Wang SS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Oct;83(10):973–85

The heart in rheumatoid arthritis (rheumatoid disease)--an echocardiographic study. Dinsmore WW, et al. **Ulster Med J** 1983;52(1):54–7

[2 cases of unavoidable abdominal operations in patients with severe heart damage] Tikhchev T, et al. **Khirurgiia (Sofiia)** 1985;38(1):58–60 **(Bul)**

[Frequency, localization and extent of local wall function disorders of the left ventricle in patients with rheumatic mitral valve diseases] Konz KH, et al. **Z Kardiol** 1985 Jun; 74(6):327–34 (Eng. Abstr.) **(Ger)**

[Microcirculation in rheumatic mitral stenosis (clinico-morphological research by lung biopsies)] Strukov AI, et al. **Arkh Patol** 1985;47(1):11–9 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Prevention of Bacterial Endocarditis. A statement for health professionals by the Committee on Rheumatic Fever and Infective Endocarditis of the Council on Cardiovascular Disease in the Young. Shulman ST, et al. **Circulation** 1984 Dec;70(6):1123A–1127A

Prevention of rheumatic fever and heart disease. Haque KN. **Clin Ther** 1985;7(3):310–8 (12 ref.)

The challenge of rheumatic fever and rheumatic heart disease in India. Padmavati S. **Indian Heart J** 1982 Nov–Dec; 34(6):364–6

[Perspectives of rheumatic diseases in Rio Grande do Sul] Gus I. **Arq Bras Cardiol** 1984 Sep;43(3):209–11 **(Por)**

PSYCHOLOGY

Neuropsychological status of patients with congenital and rheumatic heart diseases: preoperative and postoperative comparison. Zuo CY, et al. **Int J Neurosci** 1985 Apr; 26(1–2):59–65

RADIOGRAPHY

[X-ray evaluation of the right hilar vessels and its clinical significance] Li TY. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1985 Mar; 13(1):42–4 **(Chi)**

REHABILITATION

[Complex medical rehabilitation of patients with rheumatic heart disease at the sanatorium stage using radon baths from a local source and homologous immunoglobulin] Maslova LA, et al. **Ter Arkh** 1984;56(12):32–5 (Eng. Abstr.) **(Rus)**

SURGERY

Experience with 124 consecutive elective mitral valve replacements with a Shanghai-made tilting disc prosthesis. Cai YZ, et al. **Chin Med J [Engl]** 1985 Apr;98(4):299–304

Early haemodynamic effects of mitral valve prosthesis in patients with acquired heart disease. Nikolaenko EM, et al. **Cor Vasa** 1984;26(4):266–74

Left ventricular aneurysm following closed mitral valvotomy--report of two cases. Mohan JC, et al. **Indian Heart J** 1985 Jan–Feb;37(1):62–5

Pregnancy after valve replacement with porcine xenograft prosthesis. Deviri E, et al. **Surg Gynecol Obstet** 1985 May; 160(5):437–43

[Bioprosthesis in children and adolescents] Mostefa Kara M, et al. **Ann Chir** 1984 Oct;38(7):499–504 (Eng. Abstr.) **(Fre)**

[Open-heart valvular surgery in children. Apropos of 127 cases] Metras D, et al. **Arch Mal Coeur** 1985 Mar; 78(3):426–34 (Eng. Abstr.) **(Fre)**

[Examination and preoperative preparation of cardiosurgery patients with cardiac cachexia syndrome] Kozlov IA, et al. **Anesteziol Reanimatol** 1984 Jul–Aug;(4):3–8 (Eng. Abstr.) **(Rus)**

[Annuloplasty of the left atrioventricular orifice with a knitted supporting ring in rheumatic mitral valve insufficiency] Kaidash AN, et al. **Grudn Khir** 1984 Sep–Oct; (5):9–12 (Eng. Abstr.) **(Rus)**

[Features of postoperative immunosuppression according to the results of studies of the functional activity of peripheral blood monocytes of patients with acquired heart defects] Sinitsyn PD, et al. **Kardiologiia** 1984 Aug;24(8):78–81 (Eng. Abstr.) **(Rus)**

[Surgical tactics in calcinosis of the mitral valve] Koroteev AV. **Khirurgiia (Mosk)** 1985 Mar;(3):54–8 (Eng. Abstr.) **(Rus)**

[Immediate and late results of closed mitral commissurotomy in patients over 50] Putov NV, et al. **Klin Med (Mosk)** 1985 Jan;63(1):51–4 (Eng. Abstr.) **(Rus)**

[Is preoperative cardiac catheterization indispensable in all patients with rheumatic mitral stenosis?] Morales CE, et al. **Arch Inst Cardiol Mex** 1985 Jan–Feb;55(1):81–5 (53 ref.) **(Spa)**

THERAPY

[Sodium salicylate electrophoresis and sulfide balneotherapy in the complex treatment of children with rheumatism] Shestialtynova OV. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan–Feb;(1):61–2 **(Rus)**

RHEUMATIC NODULE

IMMUNOLOGY

IgG and IgM rheumatoid factor in active seronegative nodular rheumatoid arthritis and in children with benign rheumatoid nodules. Robbins DL, et al. **Clin Rheumatol** 1982 Jun;1(2):104–11

PATHOLOGY

Origin of Aschoff nodule. An ultrastructural, light microscopic and histochemical evaluation. Chopra P. **Jpn Heart J** 1985 Mar;26(2):227–34

[Pathology review. Acute rheumatic fever--Aschoff nodule] Castillo-Staab M. **Bol Asoc Med PR** 1984 Jul;76(7):291–2 **(Spa)**

RHEUMATISM

A primer in the rheumatic diseases for east Tennessee. Sienknecht CW. **Am J Med** 1985 Feb;78(2):182–4

Scientific abstracts: 49th annual meeting, American Rheumatism Association; 20th annual meeting, Arthritis Health Professions Association. June 4–8, 1985, Anaheim, California. **Arthritis Rheum** 1985 Apr;28(4 Suppl):S1–158

Australian Rheumatism Association: annual scientific meeting, Melbourne, 21 and 22 October, 1984. Abstracts. **Aust NZ J Med** 1985 Feb;15(1 Suppl 1):177–95

Proceedings of meetings of special societies. Gastroenterological Society of Australis, Royal Australasian College of Physicians, New Zealand Society of Gastroenterology, Australian Rheumatism Association. Abstracts. **Aust NZ J Med** 1984 Jun;14(3 Suppl 1):305–73

DRG legislation and rheumatic disease. Lockshin MD. **Bull Rheum Dis** 1984;34(4):1–5 (14 ref.)

Abstracts of the 5th SEAPAL Congress of Rheumatology. Bangkok, 22nd–27th January 1984. **J Med Assoc Thai** 1984 Jan;67 Suppl 1:1–141

VI Pan-American Congress on Rheumatic Diseases. June 16–21, 1974, Toronto, Canada. Abstracts. **J Rheumatol [Suppl]** 1974;1(1):1–131

Symposium on arthritis and related rheumatic diseases. **Nurs Clin North Am** 1984 Dec;19(4):563–725

Rheumatic diseases in a health interview survey and in in-patient care. A record linkage study on two registers. Allebeck P, et al. **Scand J Soc Med** 1984;12(4):147–54

Rheumatic disorders in a health survey: how valid and reliable are the reports? Mägi M, et al. **Scand J Soc Med** 1984;12(4):141–6

[Rheumatologic vademecum for the orthopedic surgeon (2.)] Havelka S, et al. **Acta Chir Orthop Traumatol Cech** 1984 Dec;51(6):525–9 (Eng. Abstr.) **(Cze)**

[Analysis of the working time of the physician in the examination of a rheumatic patient] Kutěj P, et al. **Cesk Zdrav** 1984 Nov;32(11):475–80 (Eng. Abstr.) **(Cze)**

[Abstracts of the 21st meeting of the German Society for Rheumatology. 18–22 September 1984, Munich] **Z Rheumatol** 1984 Jul–Aug;43(4):195–239 **(Ger)**

[Proceedings of the 28th scientific session of the Japan Rheumatism Association. May 24–25, 1984, Tokyo, Japan. Abstracts] **Ryumachi** 1984 Dec;24(6):417–633 **(Jpn)**

BLOOD

C3c-binding in inflammatory rheumatic diseases. Hautanen A, et al. **Clin Exp Rheumatol** 1984 Apr–Jun;2(2):125–30

C-reactive protein: the role of an ancient protein in modern rheumatology. Pepys MB. **Clin Exp Rheumatol** 1983 Jan–Mar;1(1):3–7 (37 ref.)

Serum IgG and IgM rheumatoid factors and complement activation in extraarticular rheumatoid disease. Jakle C, et al. **J Rheumatol** 1985 Apr;12(2):227–32

The influence of pregnancy on blood parameters in patients with rheumatic disease. Ostensen M. **Scand J Rheumatol** 1984;13(3):203–8

[Morning changes in the sigma ESR, erythrocyte sedimentation rate (Westergren) and C-reactive protein] Pawlotsky Y, et al. **Rev Rhum Mal Osteoartic** 1985 Jan; 52(1):35–40 (Eng. Abstr.) **(Fre)**

[Redox and nonspecific reactivity indices of rheumatism patients] Sosnitskaia GM, et al. **Vrach Delo** 1984 Nov; (11):33–4 (Eng. Abstr.) **(Rus)**

CLASSIFICATION

Criteria for classification of rheumatic diseases: a note to authors [editorial] **Ann Intern Med** 1985 Apr;102(4):553

[On attending the SEAPA-L Classification and Nomenclature Sub-Committee] Kyogoku M. **Ryumachi** 1984 Jun;24(3):215–21 **(Jpn)**

[Clinical rheumatology and research [editorial] Lience. **Med Clin (Barc)** 1984 Nov 3;83(14):581–2 **(Spa)**

COMPLICATIONS

Palindromic rheumatism and Felty's syndrome. Davies PG, et al. **Ann Rheum Dis** 1985 Sep;44(9):640–1

Evaluation of factors associated with glucocorticoid-induced osteopenia in patients with rheumatic diseases. Dykman TR, et al. **Arthritis Rheum** 1985 Apr;28(4):361–8

Effect of oral 1,25-dihydroxyvitamin D and calcium on glucocorticoid-induced osteopenia in patients with rheumatic diseases. Dykman TR, et al. **Arthritis Rheum** 1984 Dec;27(12):1336–43

Pulmonary manifestations of the rheumatic diseases. Boulware DW, et al. **Clin Rev Allergy** 1985 May; 3(2):249–67 (104 ref.)

Rheumatic symptoms and signs in subacute infective endocarditis. Azevedo J, et al. **Eur Heart J** 1984 Oct;5 Suppl C:71–5

Pain relief in the rheumatic and other disorders. Hart FD. **Int Rehabil Med** 1985;7(2):87–90

Upper gastrointestinal manifestations of rheumatic diseases. Leff RD. **Minn Med** 1984 Nov;67(11):623–4

A joint-protection guide for nonarticular rheumatic disorders. Sheon RP. **Postgrad Med** 1985 Apr;77(5):329–3

Otorhinolaryngologic complications of rheumatic diseases. Kovarsky J. **Semin Arthritis Rheum** 1984 Nov;14(2):141–50 (162 ref.)

[Misleading pains in the lower limbs of rheumatologic origin] Drevet JG, et al. **Phlebologie** 1985 Apr–Jun;38(2):255–6

(Eng. Abstr.) **(Fre)**

[Systematic research on enthesopathies in chronic rheumatism. Results and pathological significance. Relation to erosive spondylitis and other tendinous or synovial lesions] Paolaggi JB, et al. **Rev Rhum Mal Osteoartic** 1984 Oct;51(9):451-6 (Eng. Abstr.) **(Fre)**

[Rheumatologic manifestations in diabetes] Ladjimi A, et al. **Tunis Med** 1985 Mar;63(3):213-9 (Eng. Abstr.) **(Fre)**

[Rheumatic diseases with skin manifestations: connective tissue metabolism and immune mechanisms (basic research and clinical aspects). Vienna, 26-28 April 1984. Symposium] **Z Rheumatol** 1984;43 Suppl 1:1-55 **(Ger)**

[Amyloidosis and rheumatic disease] Shichikawa K. **Ryumachi** 1984 Jun;24(3):190-7 (48 ref.) **(Jpn)**

[Articular pain in childhood] Herrero-Beaumont G, et al. **An Esp Pediatr** 1985 Jan;22(1):55-62 **(Spa)**

DIAGNOSIS

Update on laboratory studies and relationship to rheumatic and allergic diseases. McCarty GA. **Ann Allergy** 1985 Sep;55(3):421-33 (109 ref.)

Brucellosis and rheumatic syndromes in Saudi Arabia. Norton WL. **Ann Rheum Dis** 1984 Dec;43(6):810-5

Respiratory involvement in autoimmune rheumatic diseases is frequent and easy to detect. Constantopoulos SH, et al. **Clin Exp Rheumatol** 1983 Jul-Sep;1(3):233-6

Rheumatic diseases. Fukunaga FH. **Hawaii Med J** 1984 Nov;43(11):416

Assessing clinical judgment with standardized patients. McClure CL, et al. **J Fam Pract** 1985 May;20(5):457-64

The hand. The hand in rheumatology. Hart FD. **Trans Med Soc Lond** 1982-84;99-100:60-2

[An overview of new diagnostic principles and methods in rheumatology] Tesárek B, et al. **Vnitr Lek** 1985 Apr;31(4):377-81 **(Cze)**

[Telethermography in the diagnosis of rheumatic diseases] Claeys J. **Acta Belg Med Phys** 1984 Oct-Dec;7(4):109-15 **(Dut)**

[Developmental characteristics of contemporary rheumatic fever in children] Dorofeeva GD, et al. **Pediatriia** 1984 Nov;(11):27-30 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

A comparison in general practice of once and twice daily sustained-release ibuprofen and standard ibuprofen in the treatment of non-articular rheumatism. Valle-Jones JC, et al. **Br J Clin Pract** 1984 Oct;38(10):353-8

Antirheumatic drugs in pregnancy and lactation [editorial] Kay A. **Br J Rheumatol** 1985 Aug;24(3):230-1

Antirheumatic medication in pregnancy. Needs CJ, et al. **Br J Rheumatol** 1985 Aug;24(3):282-90 (68 ref.)

Antirheumatic medication during lactation. Needs CJ, et al. **Br J Rheumatol** 1985 Aug;24(3):291-7 (47 ref.)

Methotrexate: its use in the rheumatic diseases. Bookbinder SA, et al. **Clin Exp Rheumatol** 1984 Apr-Jun;2(2):185-93 (71 ref.)

Anti-rheumatic drugs III. **Clin Rheum Dis** 1984 Aug;10(2):217-432

Methotrexate. Christophidis N. **Clin Rheum Dis** 1984 Aug;10(2):401-15

Correlation plasma levels, NSAID and therapeutic response. Famaey JP. **Clin Rheumatol** 1985 Jun;4(2):124-32 (76 ref.)

D-penicillamine effects on inflammatory and normal connective tissues in rats. Studies on collagen, glycosaminoglycans and nucleic acids with particular reference to antirheumatoid therapy. Junker P. **Dan Med Bull** 1985 May;32(2):87-103 (212 ref.)

Tiaprofenic acid. A review of its pharmacological properties and therapeutic efficacy in rheumatic diseases and pain states. Sorkin EM, et al. **Drugs** 1985 Mar;29(3):208-35 (88 ref.)

Anti-rheumatic and analgesic drug usage and acute gastro-intestinal bleeding in elderly patients. Alexander AM, et al. **J Clin Hosp Pharm** 1985 Mar;10(1):89-93

Drug prescription patterns for rheumatic disorders in Sweden. Bjelle A, et al. **J Rheumatol** 1984 Aug;11(4):493-9

Drug prescribing in rheumatic diseases [editorial] Brooks PM. **J Rheumatol** 1984 Aug;11(4):419-20

Endoscopic evaluation of the effect of indomethacin capsules and suppositories on the gastric mucosa in rheumatic patients. Hansen TM, et al. **J Rheumatol** 1984 Aug;11(4):484-7

Rheumatology trials: selection of adequate response variables and their evaluation. Koepcke W, et al. **Rev Epidemiol Sante Publique** 1984;32(3-4):237-42

Antirheumatic drug treatment during pregnancy and lactation. Ostensen M, et al. **Scand J Rheumatol** 1985;14(1):1-7 (53 ref.)

Dimethyl sulfoxide: a review of its use in the rheumatic disorders. Trice JM, et al. **Semin Arthritis Rheum** 1985 Aug;15(1):45-60 (117 ref.)

Comparative examinations with Pelsonin and Indometacin by double blind method in patients suffering from locomotor diseases. Kovács E. **Ther Hung** 1982;30(4):180-3

[Corticosteroid pulse therapy in rheumatic diseases] Pelíšková Z. **Cas Lek Cesk** 1985 Jul 26;124(30):953-4 (Eng. Abstr.) **(Cze)**

[Adverse effects of antirheumatics in children and adolescents] Hoza J, et al. **Cesk Pediatr** 1984 Sep;39(9):536-9 (Eng. Abstr.) **(Cze)**

[Self-medication in rheumatologic consultation. Apropos of a study on 895 patients] Queneau P, et al. **Rev Rhum Mal Osteoartic** 1985 Feb;52(2):79-84 (Eng. Abstr.) **(Fre)**

[Treatment of psoriatic rheumatism with a retinoid derivative: etretinate. Open preliminary trial on 12 patients reviewed after 6 months] Rampon S, et al. **Rev Rhum Mal Osteoartic** 1985 Feb;52(2):127-31 **(Fre)**

[Approach to self medication in rheumatology. Apropos of the study of a series of 895 patients who have come for consultation in rheumatology] Queneau P, et al. **Therapie** 1984 Jul-Aug;39(4):427-31 **(Fre)**

[Iatrogenic disease seen in a department of Rheumatology. Study on 5 years (1977-1982)] Treves R, et al. **Therapie** 1984 Nov-Dec;39(6):719-23 **(Fre)**

[Tiaprofenic acid in rheumatic diseases] Kchir MM, et al. **Tunis Med** 1983 Jan-Feb;61(1):11-2 **(Fre)**

[Pharmacotherapy of rheumatic diseases] Gaja A, et al. **Acta Univ Palacki Olomuc Fac Med** 1985;108:295-300 **(Ger)**

[Treatment of extra-articular rheumatism. Double-blind study with pirprofen and indomethacin] Heimstädt P, et al. **Fortschr Med** 1985 Feb 26;103(7A):200-2 (Eng. Abstr.) **(Ger)**

[Clinical pharmacology of nonsteroidal anti-inflammatory agents. III: Principles of therapeutic use] Reinicke C. **Z Arztl Fortbild (Jena)** 1985;79(12):515-22 **(Ger)**

[Hypothesis for the role of interferon in rheumatic diseases] Rosenbach T, et al. **Harefuah** 1984 Nov 1;107(9):247-8 **(Heb)**

[Use of non-steroid anti-inflammatory agents in rheumatology] Sadowska-Wróblewska M. **Wiad Lek** 1984 Dec 1;37(23):1891-9 **(Pol)**

[Complications of treatment of rheumatic diseases with corticosteroids] Iablokov DD, et al. **Revmatologiia (Moskva)** 1984 Oct-Dec;(4):30-5 **(Rus)**

[Infectious complications during the treatment of rheumatic diseases with glucocorticoids] Novikov IuI, et al. **Revmatologiia (Moskva)** 1984 Jul-Sep;(3):45-51 **(Rus)**

[Non-steroidal antirheumatic agents] Dürrigl T. **Reumatizam** 1984;31(3-4):45-8 (Eng. Abstr.) **(Scr)**

[Treatment with corticoids administered in pulse therapy] Mercado U. **Medicina (B Aires)** 1983;43(6 Pt 2):876-8 **(Spa)**

[Non-steroidal anti-inflammatory drugs in the treatment of rheumatic diseases] Olhagen B. **Nord Med** 1985;100(1):11-3 **(Swe)**

ENZYMOLOGY

Red cell enzyme types in rheumatic diseases. Krylov MYu, et al. **Hum Hered** 1985;35(2):107-10

ETIOLOGY

The message of 'rheumatism': a symptom of leprosy in pregnancy and lactation. Duncan ME, et al. **Ethiop Med J** 1985 Apr;23(2):49-58

Parasitic rheumatism by Endolimax nana. Objections [letter] Alarcón-Segovia D, et al. **J Rheumatol** 1985 Feb;12(1):184-5

[Rheumatological manifestations of adrenal insufficiencies] Daupleix D, et al. **Ann Med Interne (Paris)** 1985;136(4):316-20 (Eng. Abstr.) **(Fre)**

[Acute articular rheumatism (AAR). I.] Popescu V, et al. **Rev Pediatr Obstet Ginecol [Pediatr]** 1985 Jan-Mar;34(1):1-30 (19 ref.) (Eng. Abstr.) **(Rum)**

FAMILIAL & GENETIC

Palindromic rheumatism in two non-identical brothers with identical HLA including DR4. Hannonen P, et al. **Ann Rheum Dis** 1985 Mar;44(3):202-4

A reappraisal of rheumatic diseases and immunogenetics. Brewerton DA. **Lancet** 1984 Oct 6;2(8406):799-802 (44 ref.)

Rheumatic diseases in an Icelandic family. Clinical and immunological survey. Teitsson I, et al. **Scand J Rheumatol** 1985;14(2):109-18

IMMUNOLOGY

Patterns of antihistone antibody specificity in systemic rheumatic disease. I Systemic lupus erythematosus, mixed connective tissue disease, primary sicca syndrome, and rheumatoid arthritis with vasculitis. Bernstein RM, et al. **Arthritis Rheum** 1985 Mar;28(3):285-93

Cytokines and the chronic inflammation of rheumatic disease. II. The presence of interleukin-2 in synovial fluids. Nouri AM, et al. **Clin Exp Immunol** 1984 Nov;58(2):402-9

Detection and quantitation of circulating immune complexes in arterial blood of patients with rheumatic disease. Panush RS, et al. **Clin Immunol Immunopathol** 1985 Aug;36(2):217-26

An enzyme-linked immunoassay for detection of IgG- and C3-containing circulating immune complexes: comparison with a radioimmunoassay and quantitation in patients with rheumatic diseases. Panush RS, et al. **Diagn Immunol** 1983;1(4):288-94

Sensitivity of assay techniques for the detection of low avidity anti-RNA antibodies in rheumatic diseases. Kumar A, et al. **Indian J Med Res** 1984 Sep;80:327-31

Autoantibody profile of early rheumatoid disease [letter] Fleming A, et al. **J Rheumatol** 1984 Aug;11(4):563-4

Nuclear matrix antibodies in rheumatic diseases. Kurki P, et al. **J Rheumatol** 1985 Apr;12(2):253-6

Seroreactivity in myositis patients. Reichlin M. **J Rheumatol** 1984 Oct;11(5):591-2

Antibodies to native type I collagen in childhood rheumatic diseases. Rosenberg AM, et al. **J Rheumatol** 1984 Aug;11(4):421-4

Antibodies to native and denatured type II collagen in children with rheumatic diseases. Rosenberg AM, et al. **J Rheumatol** 1984 Aug;11(4):425-31

ANAs in systemic rheumatic disease. Diagnostic significance. Tan EM, et al. **Postgrad Med** 1985 Sep 1;78(3):141-2, 145-8

[Circulating immune complexes in a population of subjects seropositive for rheumatoid factor] Aureli G, et al. **Boll Ist Sieroter Milan** 1982;61(5):367-74 (Eng. Abstr.) **(Ita)**

[HLA-antigens and rheumatic diseases] Egeland T. **Tidsskr Nor Laegeforen** 1985 Jun 30;105(19-21):1294-7 (Eng. Abstr.) **(Nor)**

[Principle of immunoregulation in the treatment of chronic inflammatory rheumatism] Duţu A, et al. **Rev Med Interna [Med Interna]** 1984 May-Jun;36(3):193-203 (22 ref.) **(Rum)**

[Cytotoxic antibodies to thymocyte antigens in rheumatism and other diseases] Danilova TA, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):716-8 (Eng. Abstr.) **(Rus)**

[Antibody-dependent and natural cellular cytotoxic reactions in rheumatic diseases] Aleksandrova EN, et al. **Ter Arkh** 1984;56(10):130-6 (129 ref.) **(Rus)**

[Possibilities for using the analytical ultracentrifugation method for determining circulating immune complexes in rheumatic diseases] Speranskiĭ AI, et al. **Ter Arkh** 1984;56(10):37-40 (Eng. Abstr.) **(Rus)**

[Personal experience with testing for the HLA system] Rambergerová R, et al. **Acta Chir Orthop Traumatol Cech** 1984 Oct;51(5):440-2 **(Slo)**

METABOLISM

Synovial fluid ferritin in rheumatic diseases. Milman N, et al. **Scand J Rheumatol** 1985;14(1):33-6

[Protein, RNA and DNA synthesis in skin fibroblast cultures from healthy donors and patients with rheumatic diseases] Abakumova OIu, et al. **Biull Eksp Biol Med** 1985 Feb;99(2):156-8 (Eng. Abstr.) **(Rus)**

NURSING

Frequently occurring problems of patients with rheumatic diseases. The ANA outcome standards for rheumatology nursing practice. Pigg JS, et al. **Nurs Clin North Am** 1984 Dec;19(4):697-708

OCCURRENCE

Chronic inflammatory rheumatic diseases in black Zimbabweans. Lutalo SK. **Ann Rheum Dis** 1985 Feb;44(2):121-5

The chief scientist reports ... Arthritis/rheumatism in an elderly population: prevalence and service use. Taylor R, et al. **Health Bull (Edinb)** 1984 Sep;42(5):274-81

Epidemiology of the rheumatic diseases. Neuberger JS, et al. **Nurs Clin North Am** 1984 Dec;19(4):713-25

[Incidence and prevalence of disabled rheumatic patients. A socio-epidemiological study on the services of the disability insurance system in the canton of Berne] Blatter LA, et al. **Schweiz Med Wochenschr** 1985 Jun 1;115(22):768-75 (Eng. Abstr.) **(Ger)**

[Incidence of rheumatic diseases among
adolescents--students of secondary and
technical-vocational schools] Tsitlanadze VG, et al. **Revmatologiia (Moskva)** 1985 Jan-Mar;(1):47-9 (Eng. Abstr.) **(Rus)**

[Prevalence of rheumatic diseases in a tropical climate] Seitnepesov KN. **Sov Med** 1985;(2):49-54 **(Rus)**

[Problems of the prevalence and course of rheumatism under the ecological conditions of western Turkmenia] Seitnepesov KN. **Ter Arkh** 1985;57(1):90-3 (Eng. Abstr.) **(Rus)**

PATHOLOGY

The leukergy test in rheumatic diseases. New implications for an old test. Berliner S, et al. **Arthritis Rheum** 1985 Aug;28(8):899-903

Rheumatic disorders of hands and feet. Ryan P. **Aust Fam Physician** 1984 Aug;13(8):594-5

PHYSIOPATHOLOGY

Sex steroids and the rheumatic diseases. Lahita RG. **Arthritis Rheum** 1985 Feb;28(2):121-6

[Minimal anesthesia for painful mobilizations in rheumatology] Roqué Molina MH. **Rev Fac Cien Med Univ Nac Cordoba** 1983;41(2):39-41 **(Spa)**

PREVENTION & CONTROL

[Dispensarization and prevention of rheumatic diseases: the main task in rheumatology] **Revmatologiia (Moskva)** 1984 Oct-Dec;(4):3-4 **(Rus)**

[Problems of prevention and dispensary care in rheumatic diseases] Nasonova VA, et al. **Sov Zdravookhr** 1985;(1):12-7 **(Rus)**

[Primary and secondary prevention of rheumatic diseases in children. Evaluation of 10 years' experience] Ljumović R, et al. **Vojnosanit Pregl** 1984 May-Jun;41(3):174-8 (Eng. Abstr.) **(Scr)**

PSYCHOLOGY

[Psychogenic rheumatism] Aris H. **Rev Med Chil** 1984 Dec; 112(12):1248-55 (Eng. Abstr.) **(Spa)**

RADIOGRAPHY

Radiographic appearance of the sternomanubrial joint in arthritis and related conditions. Parker VS, et al. **Radiology** 1984 Nov;153(2):343-7

[Vertebral hyperostosis and hyperostosis frontalis interna] Ciocci A, et al. **Rev Rhum Mal Osteoartic** 1985 Apr; 52(4):227-30 (Eng. Abstr.) **(Fre)**

[Muscular scanning in polyarthritis and rheumatology] Serratrice G, et al. **Rev Rhum Mal Osteoartic** 1985 May; 52(5):313-5 (Eng. Abstr.) **(Fre)**

RADIONUCLIDE IMAGING

The value of early and late 99mTc-methylene diphosphonate scintigrams of hands in patients with rheumatoid arthritis and other inflammatory rheumatic diseases. Domljan Z, et al. **Z Rheumatol** 1984 Jul-Aug;43(4):167-70

THERAPY

Impact of diagnosis-related group-based reimbursement for treatment of rheumatic diseases in a teaching hospital. Hartley RM, et al. **Arthritis Rheum** 1985 Aug;28(8):846-52

Apheresis. Biotechnology and the rheumatic diseases. Klippel JH. **Arthritis Rheum** 1984 Oct;27(10):1081-5

Soft tissue rheumatism. Littlejohn G. **Aust Fam Physician** 1984 Dec;13(12):867-70

Plasmapheresis therapy in immunologically mediated rheumatic and renal diseases. Balow JE, et al. **Clin Immunol Rev** 1984;3(2):235-72 (132 ref.)

Immunosuppressive agents and plasmapheresis in immunological disorders. Tsokos GC, et al. **J Immunopharmacol** 1985;7(1):1-15 (141 ref.)

Ionization with diclofenac sodium in rheumatic disorders: a double-blind placebo-controlled trial. Vecchini L, et al. **J Int Med Res** 1984;12(6):346-50

[Hydrothermal baths of Spa, acid-base equilibrium and blood oxygen as seen by the clinician] Barzin J. **Acta Belg Med Phys** 1984 Jul-Sep;7(3):65-72 **(Fre)**

[Clinical rheumatology--still neglected. Structural problems unsolved--knowledge of physiopathology expanded--therapy research as a concrete task] Schattenkirchner M. **Fortschr Med** 1985 Jan 10; 103(1-2):8-10 **(Ger)**

RHEUMATISM, MUSCULAR see **FIBROSITIS**

RHEUMATISM, PERI-EXTRA-ARTICULAR see **POLYMYALGIA RHEUMATICA**

RHEUMATOID FACTOR

IgG heavy chain (Gm) allotypes in rheumatoid arthritis and in healthy individuals seropositive for IgM-rheumatoid factor. Gran JT, et al. **Scand J Rheumatol** 1985;14(2):144-8

[Rheumatoid factor activity as a disturbing factor in the serological diagnosis of specific IgM antibodies] Lindenschmidt EG. **Immun Infekt** 1984 Apr;12(2):94-100 (Eng. Abstr.) **(Ger)**

ANALYSIS

Rheumatoid factor seroconversions in relation to clinical rheumatoid arthritis. Aho K, et al. **Ann Clin Res** 1985; 17(1):15-8

Measurement of rheumatoid factors by an enzyme-linked immunosorbent assay (ELISA) and comparison with other methods. Bampton JL, et al. **Ann Rheum Dis** 1985 Jan; 44(1):13-9

Common IgA and IgM rheumatoid factor idiotypes in autoimmune diseases. Gharavi AE, et al. **Ann Rheum Dis** 1985 Mar;44(3):155-8

Characterisation of non-histone nuclear proteins cross reactive with purified rheumatoid factors. Mason JC, et al. **Ann Rheum Dis** 1985 May;44(5):287-93

Routine quantification of rheumatoid factor by rate nephelometry. Roberts-Thomson PJ, et al. **Ann Rheum Dis** 1985 Jun;44(6):379-83

Hidden 19S IgM rheumatoid factor in adults with juvenile rheumatoid arthritis onset. Speiser JC, et al. **Ann Rheum Dis** 1985 May;44(5):294-8

Prospective study of early rheumatoid arthritis. I. Prognostic value of IgA rheumatoid factor. Teitsson I, et al. **Ann Rheum Dis** 1984 Oct;43(5):673-8

Prospective study of early rheumatoid arthritis. II. Association of rheumatoid factor isotypes with fluctuations in disease activity. Withrington RH, et al. **Ann Rheum Dis** 1984 Oct;43(5):679-85

Antinuclear antibody and rheumatoid factor estimations in the diagnosis of rheumatic diseases in northern India. Malaviya AN, et al. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):232-6

Standardization and reliability of rheumatoid factor tests [letter] Klein F. **Br J Rheumatol** 1985 Aug;24(3):305

Reliability of rheumatoid factor tests [letter] von Essen R, et al. **Br J Rheumatol** 1984 Nov;23(4):312-3

Lack of association of rheumatoid factor with either circulating immune complexes or tumor burden in cancer patients. Poskitt TR, et al. **Cancer** 1985 Apr 1;55(7):1507-9

Complement activating properties of complexes containing rheumatoid factor in synovial fluids and sera from patients with rheumatoid arthritis. Elson CJ, et al. **Clin Exp Immunol** 1985 Feb;59(2):285-92

Rheumatoid factor isotypes following immunization. Levine PR, et al. **Clin Exp Rheumatol** 1985 Apr-Jun;3(2):147-9

IgG-rheumatoid factor in a population of elderly males: relationship to IgM-rheumatoid factor and rheumatoid arthritis. Palosuo T, et al. **Clin Exp Rheumatol** 1983 Oct-Dec;1(4):311-5

False-positive Waaler-Rose test due to anti-rabbit IgM antibodies in IgA deficiency. Truedsson L, et al. **Clin Exp Rheumatol** 1983 Oct-Dec;1(4):307-10

Rheumatoid factor-like reactants in sera proven to transmit non-A, non-B hepatitis: a potential source of false-positive reactions in non-A, non-B assays. Shiraishi H, et al. **Hepatology** 1985 Mar-Apr;5(2):181-7

Rheumatoid factor in syphilis. Cerny EH, et al. **J Clin Microbiol** 1985 Jul;22(1):89-94

Rheumatoid factors in natural retrovirus infections of the cat and cattle. Ungar-Waron H, et al. **J Comp Pathol** 1985 Jul;95(3):399-403

The majority of human monoclonal IgM rheumatoid factors express a 'primary structure-dependent' cross-reactive idiotype. Chen PP, et al. **J Immunol** 1985 May; 134(5):3281-5

Interference of IgM rheumatoid factor with nephelometric C-reactive protein determinations. Müller W, et al. **J Immunol Methods** 1985 Jun 12;80(1):77-90

Demonstration of a transient rheumatoid factor in the acute phase of hepatitis non A, non B. Roggendorf M, et al. **J Med Virol** 1985 Mar;15(3):271-81

Latex slide agglutination vs. ELISA system. Rheumatoid factor detection in inflamed human gingiva. Gargiulo AV Jr, et al. **J Periodont Res** 1985 Jan;20(1):31-4

Hidden and classical 19S IgM rheumatoid factor in a juvenile rheumatoid arthritis patient. Emancipator K, et al. **J Rheumatol** 1985 Apr;12(2):372-5

Rheumatoid factors and HLA-DR4 in RA. Emery P, et al. **J Rheumatol** 1985 Apr;12(2):217-22

Serum IgG and IgM rheumatoid factors and complement activation in extraarticular rheumatoid disease. Jakle C, et al. **J Rheumatol** 1985 Apr;12(2):227-32

Coombs' antibodies and rheumatoid factors in Takayasu's arteritis [letter] Kanzaki S, et al. **JAMA** 1985 Jul 12; 254(2):232

Human parvovirus arthropathy and rheumatoid factor [letter] Luzzi GA, et al. **Lancet** 1985 May 25;1(8439):1218

IgG, IgA and IgM rheumatoid factors in patients with glomerulonephritis. Endoh M, et al. **Nephron** 1985; 39(4):330-5

Low serum levels of IgG- and IgM-rheumatoid factors in patients with idiopathic membranous nephropathy. Muso E, et al. **Nippon Jinzo Gakkai Shi** 1985 Mar;27(3):279-85

Idiotypic studies on monoclonal rheumatoid factors. Sugai S, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul; 47(4):1035-41

The prevalence of HLA-DR4 and HLA-DR3 in healthy persons with rheumatoid factor. Gran JT, et al. **Scand J Rheumatol** 1985;14(1):79-82

Immunoprecipitates used as a reagent for rheumatoid factors. Nordfang O, et al. **Scand J Rheumatol** 1984;13(3):257-64

Frequency and clinical and transfusional significance of rheumatoid factor in patients with haemophilia and von Willebrand's disease. Celada A, et al. **Vox Sang** 1984; 47(4):271-5

[Antiglobulins in the serum of persons with acute viral infections and their removal by immunoabsorption] Fraňková V, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 Feb;34(1):9-14 (Eng. Abstr.) **(Cze)**

[The quantitative determination of the IgM rheumatoid factor using a solid-phase radioimmunoassay. Comparison with the agglutination test and the radioimmuno-polyethyleneglycol precipitation test] Herrmann D, et al. **Allerg Immunol (Leipz)** 1985;31(1):45-54 (Eng. Abstr.) **(Ger)**

[Titer variations in the rheumatoid factor reaction during the menstrual cycle. A contribution on the problem of the value of serologic data] Otto R, et al. **Immun Infekt** 1983 Nov;11(6):233-6 (Eng. Abstr.) **(Ger)**

[Rheumatoid factors and immunoglobulins as interfering factors in a heterogeneous enzyme immunoassay] Allner R. **J Clin Chem Clin Biochem** 1984 Nov;22(11):759-67 (Eng. Abstr.) **(Ger)**

[Anti-immunoglobulins (rheumatoid factors)--immunobiology and significance in pediatrics] Wahn V. **Monatsschr Kinderheilkd** 1985 Apr; 133(4):196-200 (Eng. Abstr.) **(Ger)**

[Rheumatoid antinuclear factors in the absence of rheumatic disease] Alon M, et al. **Harefuah** 1985 Jan 1;108(1):14-6 (Eng. Abstr.) **(Heb)**

[Circulating immune complexes in a population of subjects seropositive for rheumatoid factor] Aureli G, et al. **Boll Ist Sieroter Milan** 1982;61(5):367-74 (Eng. Abstr.) **(Ita)**

[Involvement of IgG-IgG rheumatoid factor in immune complex-mediated membranous nephropathy in cancer (clear cell cancer and oat cell cancer) patients] Takase S, et al. **Nippon Naika Gakkai Zasshi** 1984 May;73(5):640-7 **(Jpn)**

[Evaluation of laser nephelometry for detection of serum rheumatoid factor] Ishimoto E, et al. **Rinsho Byori** 1984 Nov;32(11):1221-4 **(Jpn)**

[Detection of IgE-rheumatoid factor and its relationship to clinical manifestations of rheumatoid arthritis and vasculitis] Kiyokawa S. **Ryumachi** 1984 Oct;24(5):366-74 (Eng. Abstr.) **(Jpn)**

[Circulating immune complexes in rheumatoid arthritis--their association with IgM rheumatoid factor, anatomical stages and functional classes] Sakurai T, et al. **Ryumachi** 1985 Apr; 25(2):81-6 (Eng. Abstr.) **(Jpn)**

[Morphologic and immunomorphologic studies in rheumatoid arthritis and systemic lupus erythematosus] Wagner T. **Patol Pol** 1984 Jan-Mar;35(1):45-64 (Eng. Abstr.) **(Pol)**

ANTAGONISTS & INHIBITORS

Suppression of rheumatoid factor synthesis by antiidiotypic antibody in rheumatoid arthritis patients with cross-reactive idiotypes. Takeuchi T, et al. **Arthritis Rheum** 1985 Aug;28(8):873-81

BIOSYNTHESIS

In vitro IgM and IgM rheumatoid factor production and response to remittive agents in rheumatoid arthritis [letter] Alarcón GS, et al. **Arthritis Rheum** 1985 Mar;28(3):356-7

IgM rheumatoid factor autoantibody and immunoglobulin-producing precursor cells in the bone marrow of humans. Fong S, et al. **Cell Immunol** 1985 Oct 1;95(1):157-72

Detection of IgG rheumatoid factor secreting cells in autoimmune MRL/1 mice: a kinetic study. Tarkowski A, et al. **Clin Exp Immunol** 1984 Oct;58(1):7-12

Monoclonal rheumatoid factors from B6-lpr/lpr mice. Warren RW, et al. **Clin Exp Immunol** 1984 Dec;58(3):731-6

IgM rheumatoid factor elaboration by blood, bone marrow, and synovial mononuclear cells in patients with rheumatoid arthritis. Panush RS, et al. **Clin Immunol Immunopathol** 1985 Mar;34(3):387-91

Inhibition of rheumatoid factor production by non-steroidal anti-inflammatory drugs. Goodwin JS, et al. **Inflammation** 1984 Jun;8 Suppl:S49-55

Rheumatoid factor (RF) production during anamnestic immune responses in the mouse. III. Activation of RF precursor cells is induced by their interaction with immune complexes and carrier-specific helper T cells. Coulie PG, et al. **J Exp Med** 1985 Jan 1;161(1):88-97

Anti-immunoglobulin antibodies. VI. Age-dependent isotype and auto anti-immunoglobulin variation during secondary immune response in 129 mice. Manheimer AJ, et al. **Mech Ageing Dev** 1985 May 13;30(2):187-99

[Preponderant synthesis of rheumatoid factors by synovial plasma cells in rheumatoid polyarthritis] Youinou P, et al. **Rev Rhum Mal Osteoartic** 1985 May;52(5):323-8 (Eng. Abstr.) **(Fre)**

BLOOD

Rheumatoid factors measured in serum with a fully automated laser nephelometer, and correlation with agglutination tube titers [letter] Desjarlais F, et al. **Clin Chem** 1985 Jun;31(6):1077-8

[Incidence of rheumatoid factors in the non-rheumatoid] Landau M, et al. **Harefuah** 1985 Feb 1;108(3):137-8 (Eng. Abstr.) **(Heb)**

DIAGNOSTIC USE

A sensitive assay to evaluate antistreptococcal antibodies using an in vitro-produced monoclonal human rheumatoid factor. Avital A, et al. **Diagn Immunol** 1983;1(2):75-9

GENETICS

IgG heavy chain (Gm) allotypes in rheumatoid arthritis and in healthy individuals seropositive for IgM-rheumatoid factor. Gran JT, et al. **Scand J Rheumatol** 1985;14(2):144-8

IMMUNOLOGY

Spurious thrombocytopenia produced by the interaction of rheumatoid factor with antiplatelet antibody. Poskitt TR, et al. **Am J Hematol** 1985 Feb;18(2):207-11

When does rheumatoid disease start? Aho K, et al. **Arthritis Rheum** 1985 May;28(5):485-9

Inhibitory effect of IgM rheumatoid factor on immune complex solubilization capacity and inhibition of immune precipitation. Balestrieri G, et al. **Arthritis Rheum** 1984 Oct; 27(10):1130-6

Self-associating IgG rheumatoid factors in MRL/l autoimmune mice. Nardella FA, et al. **Arthritis Rheum** 1984 Oct;27(10):1165-73

Solubilization of immune complex deposits by native 7S IgG molecules in lupus glomerulonephritis--a possible antigen excess effect on rheumatoid factor-IgG complexes. Suzuki Y, et al. **Clin Exp Immunol** 1984 Dec;58(3):663-71

Binding of in vivo formed immune complexes by monoclonal mouse rheumatoid factors. Coutelier JP, et al. **Immunology** 1985 Feb;54(2):401-3

Reduction of the complement activation capacity of soluble IgG aggregates and immune complexes by IgM-rheumatoid factor. Doekes G, et al. **Immunology** 1985

Jul;55(3):555-64

Effect of human IgM rheumatoid factor on the glomerular site of localization of passively administered immune complexes in mice. Germuth FG, et al. **Immunology** 1984 Oct;53(2):395-8

A role for rheumatoid factor enhancement of Plasmodium falciparum schizont inhibition in vitro. Green TJ, et al. **Infect Immun** 1984 Dec;46(3):668-72

Characterization of human rheumatoid factors with seven antiidiotypes induced by synthetic hypervariable region peptides. Chen PP, et al. **J Exp Med** 1985 Aug 1; 162(2):487-500

Characterization of an epibody. An antiidiotype that reacts with both the idiotype of rheumatoid factors (RF) and the antigen recognized by RF. Chen PP, et al. **J Exp Med** 1985 Feb 1;161(2):323-31

Synthetic peptides corresponding to third hypervariable region of human monoclonal IgM rheumatoid factor heavy chains define an immunodominant idiotype. Goldfien RD, et al. **J Exp Med** 1985 Aug 1;162(2):756-61

Structural similarities in the kappa light chains of human rheumatoid factor paraproteins and serum immunoglobulins bearing a cross-reactive idiotype. Fong S, et al. **J Immunol** 1985 Sep;135(3):1955-60

Regulation of antibody responses by rheumatoid factor. I. Polyclonal activation of human B cells by rheumatoid factor-containing preparations from seropositive plasma. Hobbs MV, et al. **J Immunol** 1985 Jan;134(1):223-9

Immunoassay for IgG rheumatoid factor with a murine monoclonal anti-Fd antibody. McDougal JS, et al. **J Lab Clin Med** 1985 Jul;106(1):80-7

Calorimetric study of rheumatoid factor binding to human IgG. Rialdi G, et al. **Mol Immunol** 1984 Oct;21(10):945-8

[Clinical immunology of rheumatoid factors] Hrnčíř Z. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1984;27(1):1-87 (184 ref.) (Eng. Abstr.) **(Cze)**

[A solid-phase ELISA with specificity for rheumatoid factors of classes IgA, IgG and IgM] Lemm G, et al. **Immun Infekt** 1984 Oct;12(5):239-44 (Eng. Abstr.) **(Ger)**

[Influence of rheumatoid factors on the anti-complement activity of solubilized immune complex] Yoshio T, et al. **Ryumachi** 1984 Aug;24(4):256-62 (Eng. Abstr.) **(Jpn)**

ISOLATION & PURIFICATION

IgG and IgM rheumatoid factor in active seronegative nodular rheumatoid arthritis and in children with benign rheumatoid nodules. Robbins DL, et al. **Clin Rheumatol** 1982 Jun;1(2):104-11

Isolation of monoclonal rheumatoid factors in hypergammaglobulinemic purpura. Preud'homme JL, et al. **Diagn Immunol** 1984;2(4):219-23

METABOLISM

Studies on the interaction of rheumatoid factor with monosodium urate crystals and case report of coexistent tophaceous gout and rheumatoid arthritis. Gordon TP, et al. **Ann Rheum Dis** 1985 Jun;44(6):384-9

IgG and IgM rheumatoid factor synthesis in rheumatoid synovial membrane cell cultures. Wernick RM, et al. **Arthritis Rheum** 1985 Jul;28(7):742-52

Competition between antigen and anti-idiotypes for rheumatoid factors. Nelson JL, et al. **J Immunol** 1985 Oct; 135(4):2357-61

Activity of rheumatoid factors of different molecular sizes: comparison of autologous monomeric and polymeric monoclonal IgA rheumatoid factors. Schrohenloher RE, et al. **J Immunol** 1985 Mar;134(3):1469-74

[Roentgen findings in serologically negative rheumatoid arthritis] Herrmann K. **Radiol Diagn (Berl)** 1984; 25(3):293-300 (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

Complement activating rheumatoid factors in rheumatoid arthritis studied by haemolysis in gel: relation to antibody class and response to treatment with podophyllotoxin derivatives. Truedsson L, et al. **Clin Exp Rheumatol** 1985 Jan-Mar;3(1):29-37

Immune complex activation of neutrophils and enhancement of the activation by rheumatoid factor and complement. Gale RJ, et al. **J Rheumatol** 1985 Feb;12(1):21-6

SECRETION

Secretion of immunoglobulins and IgM rheumatoid factor by pokeweed mitogen-induced blood lymphocytes: an evaluation by plaque forming cell assays. Heilmann C, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Dec; 92(6):371-6

RHEUMATOID NODULE

COMPLICATIONS

Acute rheumatoid pleurisy with effusion and demonstration of a rheumatoid nodule in the pleura. Chabalko JJ. **Del Med J** 1984 Nov;56(11):649-51

DIAGNOSIS

Presumptive evidence of cardiac rheumatoid nodules assessed by two-dimensional echocardiography. A preliminary report. Beaver BB, et al. **Cleve Clin Q** 1985 Spring; 52(1):61-4

Pseudorheumatoid nodule versus granuloma annulare. A case report. Kaloogian H, et al. **J Am Podiatr Med Assoc** 1985 Aug;75(8):434-7

ETIOLOGY

Diffuse rheumatoid nodules in skeletal muscle in rheumatoid arthritis. Császár A, et al. **Acta Morphol Hung** 1984; 32(2):127-32

METABOLISM

Immunohistochemical findings in rheumatoid nodules. Aherne MJ, et al. **Virchows Arch [A]** 1985;407(2):191-202

PATHOLOGY

Rheumatoid nodules. A lightmicroscopical study with special reference to fibrin and fibronectin. Hølund B, et al. **Histochemistry** 1984;80(5):463-7

Pulmonary necrobiotic nodule [letter] Sarkar TK, et al. **J Rheumatol** 1984 Aug;11(4):557-8

[Diffuse rheumatoid nodules in the skeletal musculature in rheumatoid arthritis] Császár A, et al. **Morphol Igazsagugyi Orv Sz** 1984 Jul;24(3):220-7 (Eng. Abstr.) **(Hun)**

SURGERY

Rheumatoid nodulosis in the foot: a variant of rheumatoid disease. Oloff-Solomon J, et al. **J Foot Surg** 1984 Sep-Oct; 23(5):382-5

RHEUMATOID PURPURA see **PURPURA, SCHOENLEIN-HENOCH**

RHEUMATOLOGY

see related
COLLAGEN DISEASES

When does the rheumatologist need surgical consultation? Isomäki H. **Ann Chir Gynaecol [Suppl]** 1985;198:7-9

Geode: crystal-containing cavity, lymph space, or pseudocyst? Gardner DL. **Ann Rheum Dis** 1985 Aug; 44(8):569-70

Clinical judgment in rheumatoid arthritis. III. British rheumatologists' judgments of 'change in response to therapy'. Kirwan JR, et al. **Ann Rheum Dis** 1984 Oct; 43(5):686-94

Clinical judgment in rheumatoid arthritis. IV. Rheumatologists' assessments of disease remain stable over long periods. Kirwan JR, et al. **Ann Rheum Dis** 1984 Oct; 43(5):695-7

Late referral of patients with rheumatoid arthritis to rheumatologists. Hanly JG, et al. **Ir J Med Sci** 1984 Sep; 153(9):316-8

Physical therapy competencies in rheumatology. Moncur C. **Phys Ther** 1985 Sep;65(9):1365-72

[Organization of rheumatological services to the population of the Pskov district] Polushin VI, et al. **Revmatologiia (Moskva)** 1984 Jul-Sep;(3):63-5 **(Rus)**

ECONOMICS

A comparison of the treatment of rheumatoid arthritis in health maintenance organizations and fee-for-service practices. Yelin EH, et al. **N Engl J Med** 1985 Apr 11; 312(15):962-7

EDUCATION

Rehabilitative rheumatology content in current rehabilitation medicine training programs. Hicks JE, et al. **Arch Phys Med Rehabil** 1985 Sep;66(9):631-3

Rheumatology training at internal medicine and family practice residency programs. Goldenberg DL, et al. **Arthritis Rheum** 1985 Apr;28(4):471-6

The use of written simulations and trained patients to evaluate a course in rheumatology. Saylor-Bronstein R, et al. **J Med Educ** 1985 Aug;60(8):650-2

Issues in the evaluation of rheumatology education in medical schools [editorial] Meenan RF, et al. **J Rheumatol** 1985 Apr;12(2):199-200

An evaluation of rheumatology education at Canadian medical schools. Tannenbaum H, et al. **J Rheumatol** 1985 Apr;12(2):343-6

Knowledge acquisition in the development of an introductory guide to diagnosis in rheumatology. McSherry D, et al. **Med Inf (Lond)** 1985 Jan-Mar;10(1):43-9

HISTORY

[30 years of the Association of Yugoslavian Rheumatologists] Dürrigl T. **Reumatizam** 1984;31(5-6):93-8 (Eng. Abstr.) **(Scr)**

INSTRUMENTATION

Computers in rheumatology practice: implications for clinical research. Alpert EJ, et al. **J Rheumatol** 1984 Oct; 11(5):697-9

TRENDS

1984-2034: the next half-century for American rheumatology. Klinenberg JR. **Arthritis Rheum** 1985 Jan; 28(1):1-7

[Rehabilitation: problems and prospects (rehabilitative rheumatology)] Consoli G. **G Ital Med Lav** 1983 Sep; 5(5):233-8 **(Ita)**

[Use of non-steroid anti-inflammatory agents in rheumatology] Sadowska-Wróblewska M. **Wiad Lek** 1984 Dec 1;37(23):1891-9 **(Pol)**

[Dispensarization and prevention of rheumatic diseases: the main task in rheumatology] **Revmatologiia (Moskva)** 1984 Oct-Dec;(4):3-4 **(Rus)**

RHINENCEPHALON see **LIMBIC SYSTEM**

RHINITIS

CHEMICALLY INDUCED

Asthma and rhinitis due to ethylcyanoacrylate instant glue. Kopp SK, et al. **Ann Intern Med** 1985 May;102(5):613-5

Occupational allergy to sunflower pollen. Bousquet J, et al. **J Allergy Clin Immunol** 1985 Jan;75(1 Pt 1):70-4

TDI-induced oculorhinitis and bronchial asthma. Paggiaro PL, et al. **J Occup Med** 1985 Jan;27(1):51-2

Industrial nasal problems. Kup W. **Rhinology** 1985 Jun; 23(2):99-100

COMPLICATIONS

Incidence of exercise-induced bronchospasm in chronic non-allergic rhinitis in children. Bronstein R, et al. **Allergol Immunopathol (Madr)** 1985 Mar-Apr;13(2):123-5

[Pathogenesis of otorhinopathic emboligenic septicemia] Sarafoleanu D, et al. **Rev Chir [Otorinolaringol]** 1984 Jul-Sep;29(3):185-9 (Eng. Abstr.) **(Rum)**

[Relation of chronic rhinitis and sinusitis with the chronic obstructive pulmonary syndrome] [Drecun V, et al. **Srp Arh Celok Lek** 1984 Jun;112(6):687-94 **(Scc)**

DIAGNOSIS

Perennial rhinitis in children [letter] Noyce PW. **Med J Aust** 1985 Jan 21;142(2):165

Rhinitis leprosary. Montserrat JM, et al. **Rhinology** 1985 Jun; 23(2):159-63

[Rhinosinusitis in children. Clinical aspects and therapeutic features] Pop M, et al. **Rev Chir [Otorinolaringol]** 1984 Oct-Dec;29(4):269-76 **(Rum)**

[Thermographic diagnosis of various diseases of the nose and pharynx in a polyclinic setting] Gmyria EV. **Vestn Otorinolaringol** 1984 Nov-Dec;(6):24-8 (Eng. Abstr.) **(Rus)**

[Value of eosinophilia in blood and nasal exudate in the diagnosis of different types of rhinitis] Losada Cosmes E, et al. **Allergol Immunopathol (Madr)** 1984 Jul-Aug; 12(4):283-8 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Pharmacologic treatment of rhinitis. Estelle F, et al. **Clin Rev Allergy** 1984 Aug;2(3):237-53 (133 ref.)

Effect of the nonsedative H1-receptor antagonist astemizole in perennial allergic and nonallergic rhinitis. Wihl JA, et al. **J Allergy Clin Immunol** 1985 Jun;75(6):720-7

[Local therapy of rhinopathies with topically active glucocorticosteroid aerosols. Review] Albegger K. **Laryngol Rhinol Otol (Stuttg)** 1985 Feb;64(2):98-106 (Eng. Abstr.) **(Ger)**

[Josamycin in the treatment of infections of interest in childhood otorhinolaryngology] Andriani G, et al. **Clin Ter** 1985 May 31;113(4):295-9 (Eng. Abstr.) **(Ita)**

[Xylometazoline (Otrivin) in acute rhinitis. A comparative study between pipette- and metered-dose aerosol applications] Myklebust G, et al. **Tidsskr Nor Laegeforen** 1984 Oct 20;104(29):2024-5 **(Nor)**

[Endonasal electrophoresis of unithiol in the treatment of patients with early symptoms of chromium poisoning] Iakovlev NA, et al. **Gig Tr Prof Zabol** 1985 Feb;(2):13-6 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Infections of the nose and paranasal sinuses in adult patients with immunodeficiency. Karlsson G, et al. **Arch Otolaryngol** 1985 May;111(5):290-3

Evaluation and therapy of the stuffy nose. Fravel WJ. **J SC Med Assoc** 1984 Aug;80(8):391-2

IMMUNOLOGY

Deficient concanavalin-A-induced suppressor-cell activity in patients with bronchial asthma, allergic rhinitis and atopic dermatitis. Hwang KC, et al. **Clin Allergy** 1985 Jan; 15(1):67-72

PATHOLOGY

Chronic rhinitis in children. Pearlman DS. **Clin Rev Allergy** 1984 Aug;2(3):197-211 (45 ref.)

PHYSIOPATHOLOGY

Abnormal nasal mucociliary clearance in patients with rhinitis and its relationship to concomitant chest disease Stanley PJ, et al. **Br J Dis Chest** 1985 Jan;79(1):77-82

Computer-aided rhinometry: analysis of inspiratory and expiratory nasal pressure-flow curves in subjects with rhinitis. Schumacher MJ, et al. **Comput Biol Med** 1985; 15(4):187-95

PREVENTION & CONTROL

[Control of dust mites (Dermatophagoides pteronyssinus) through the use of a fungicide. Experimental observations. Clinical trial in children allergic to Dermatophagoides] Leclercq-Foucart J, et al. **Rev Med Liege** 1985 Feb 1; 40(3):91-9 **(Fre)**

SURGERY

Laser turbinectomy as an adjunct to rhinoseptoplasty. Selkin SG. **Arch Otolaryngol** 1985 Jul;111(7):446-9

Submucosal diathermy of the inferior turbinate and the congested nose. von Haacke NP, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(4):189-93

THERAPY

Therapy for allergic rhinitis. Crawford LV, et al. **Compr Ther** 1985 Jun;11(6):60-9

[Rhinotherm, not a current therapy] Feenstra L. **Ned Tijdschr Geneeskd** 1985 Jan 19;129(3):99-100 **(Dut)**

[Therapeutic trials of nasal heating in chronic allergic and nonallergic rhinitis] Hassairi A, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(2):123-4 **(Fre)**

VETERINARY

Properties of a respiratory syncytial virus isolated from a sheep with rhinitis. Evermann JF, et al. **Am J Vet Res** 1985 Apr;46(4):947-51

An Alcaligenes faecalis isolate from turkeys: pathogenicity in selected avian and mammalian species. Marshall DR, et al. **Am J Vet Res** 1985 May;46(5):1181-4

Respiratory disease (rhinotracheitis) of turkeys in Brittany, France. III. Interaction of multiple infecting agents. Andral B, et al. **Avian Dis** 1985 Jan-Mar;29(1):233-43

Respiratory disease (rhinotracheitis) in turkeys in Brittany, France, 1981-1982. I. Field observations and serology. Andral B, et al. **Avian Dis** 1985 Jan-Mar;29(1):26-34

Respiratory disease (rhinotracheitis) in turkeys in Brittany, France, 1981-1982. II. Laboratory findings. Andral B, et al. **Avian Dis** 1985 Jan-Mar;29(1):35-42

Alcaligenes faecalis rhinotracheitis in Manitoba turkeys. Boycott BR, et al. **Avian Dis** 1984 Oct-Dec;28(4):1110-4

Antibiotic aerosolization: the effect on experimentally induced Alcaligenes rhinotracheitis in turkeys. Van Alstine WG, et al. **Avian Dis** 1985 Jan-Mar;29(1):159-76

Ivermectin for treatment of nasal capillariasis in a dog. Evinger JV, et al. **J Am Vet Med Assoc** 1985 Jan 15; 186(2):174-5

Selected oral, pharyngeal, and upper respiratory conditions in the cat. Oral tumors, nasopharyngeal and middle ear polyps, and chronic rhinitis and sinusitis. Bradley RL. **Vet Clin North Am [Small Anim Pract]** 1984 Nov; 14(6):1173-84 (47 ref.)

Association of Aspergillus fumigatus with rhinitis. Pal M, et al. **Vet Rec** 1984 Aug 25;115(8):167

RHINITIS, ALLERGIC, NONSEASONAL see **RHINITIS, ALLERGIC, PERENNIAL**

RHINITIS, ALLERGIC, PERENNIAL

Occupational allergic rhinitis. Gervais P, et al. **Rhinology** 1985 Jun;23(2):92-8

COMPLICATIONS

The effect of tonsillar T cell subpopulations in antigen-specific lymphocyte proliferative response. Evidence of T cell suppression. Takenaka H, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;416:38-44

Incidence of exercise-induced bronchospasm in chronic non-allergic rhinitis in children. Bronstein R, et al. **Allergol Immunopathol (Madr)** 1985 Mar-Apr;13(2):123-5

The influence of perennial allergic rhinitis on facial type and a pilot study of the effect of allergy management on facial growth patterns. Sassouni V, et al. **Ann Allergy** 1985 Jun; 54(6):493-7

[Results of tympanometry in infantile allergic rhinopathy] Corrias A, et al. **Minerva Pediatr** 1984 Nov 30; 36(22):1115-8 (Eng. Abstr.) **(Ita)**

[Chronic atopic rhinitis as a preliminary stage of asthma. Fate of patients after several years' observation] Gniazdowski R. **Otolaryngol Pol** 1984;38(2):143-52 (Eng. Abstr.) **(Pol)**

DIAGNOSIS

Significance and comparison of blood, nasal secretion and mucosal eosinophilis in nasal allergy. Urmil G, et al. **Indian J Pathol Microbiol** 1984 Jan;27(1):27-32

Clinical use of rhinomanometry in children. van Cauwenberge PB, et al. **Int J Pediatr Otorhinolaryngol** 1984 Dec;8(2):163-75

[Allergic rhinitis and its treatment] Nève P. **Rev Med Brux** 1985 Jun;6(6):409-11 (Eng. Abstr.) **(Fre)**

DRUG THERAPY

Ipratropium in the treatment of patients with perennial rhinitis. Sjögren I, et al. **Allergy** 1984 Aug;39(6):457-61

Antihistamine selection in patients with allergic rhinitis. von Maur K. **Ann Allergy** 1985 Sep;55(3):458-62

FPL 58668KC for the treatment of allergic rhinitis. Bunnag C, et al. **Asian Pac J Allergy Immunol** 1983 Jun;1(1):23-6

Beclomethasone dipropionate and flunisolide: an open-crossover comparative trial in perennial allergic rhinitis. Bunnag C, et al. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):202-6

Budesonide. A preliminary review of its pharmacodynamic properties and therapeutic efficacy in asthma and rhinitis. Clissold SP, et al. **Drugs** 1984 Dec;28(6):485-518 (118 ref.)

Efficacy and tolerance of fluocortin butyl administered twice daily in adult patients with perennial rhinitis. Hartley TF, et al. **J Allergy Clin Immunol** 1985 Apr;75(4):501-7

Effect of the nonsedative H1-receptor antagonist astemizole in perennial allergic and nonallergic rhinitis. Wihl JA, et al. **J Allergy Clin Immunol** 1985 Jun;75(6):720-7

The effect of beclomethasone dipropionate treatment on the nasal provocation test. Clement PA, et al. **Rhinology** 1984 Sep;22(3):183-91

Clinical investigation of ketotifen in perennial allergic rhinitis: a double-blind comparative study of ketotifen and clemastine fumarate. Okuda M. **Rhinology** 1984 Sep; 22(3):171-82

[Ketotifen in allergic rhinitis] de la Torre A. **Alergia** 1985 Jan-Mar;32(1):31-4 (Eng. Abstr.) **(Spa)**

[Treatment of allergic rhinitis in children with a new antihistamine] Pérez Martin J, et al. **Alergia** 1985 Apr-Jun; 32(2):45-9 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Nasal hypersensitivity in wood furniture workers. An allergological and immunological investigation with special reference to mould and wood. Wilhelmsson B, et al. **Allergy** 1984 Nov;39(8):586-95

Allergy to gerbils. McGivern D, et al. **Clin Allergy** 1985 Mar; 15(2):163-5

[Allergy to cows' milk with non-seasonal rhinitis as the only symptom] Fuglsang G. **Ugeskr Laeger** 1984 Nov 12; 146(46):3546-7 (Eng. Abstr.) **(Dan)**

[The mechanism of allergic reaction in the nasal mucosa] Hamaguchi F. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Apr; 88(4):492-501 (Eng. Abstr.) **(Jpn)**

FAMILIAL & GENETIC

Genetic control of in vivo IgE antibody production specific to Dermatophagoides farinae. Ishikawa T, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):210-2

IMMUNOLOGY

Lymphocyte subpopulations in patients with allergic rhinitis. Kus J, et al. **Allergy** 1984 Oct;39(7):509-14

Allergy to storage mites or cow dander as a cause of rhinitis among Finnish dairy farmers. Terho EO, et al. **Allergy** 1985 Jan;40(1):23-6

Measurement of antigen-specific IgE in nasal secretions of patients with perennial rhinitis. Small P, et al. **Ann Allergy** 1985 Jul;55(1):68-71

Topical immunology of nasal allergy and mucosal IgE antibodies. Ohashi Y, et al. **Arch Otorhinolaryngol** 1985; 241(2):169-74

Immunological investigation and treatment of rhinitis and bronchial asthma. Sharp A. **Aust Fam Physician** 1985 Jun; 14(6):489-97

Suppressor function in respiratory allergic diseases. Deficient concanavalin A-induced suppressor cell activity in patients with bronchial asthma or allergic rhinitis. Hwang KC. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1984 Aug;17(3):165-71

Allergic rhinitis. Norman PS. **J Allergy Clin Immunol** 1985 May;75(5):531-48 (118 ref.)

Histamine threshold and nasal hyperreactivity in non specific allergic rhinopathy. Clement PA, et al. **Rhinology** 1985 Mar;23(1):35-42

[Frequency of sensitization to D. pteronyssinus or D. farinae in children with perennial bronchial asthma] Zimmermann T, et al. **Monatsschr Kinderheilkd** 1985 Apr;133(4):214-8 (Eng. Abstr.) **(Ger)**

[Detection of the incidence of increased sensitization to molds in patients with bronchial asthma and allergic rhinitis] Kautz S, et al. **Z Erkr Atmungsorgane** 1984;163(1):24-31 (Eng. Abstr.) **(Ger)**

[The distribution of basophiloid cells in nasal mucosa] Watanabe K, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Feb;88(2):123-7 (Eng. Abstr.) **(Jpn)**

METABOLISM

Histamine H1 receptors and affinity analyses in human nasal mucosa in cases of nasal allergy. Ishibe T, et al. **Ann Otol Rhinol Laryngol** 1985 Mar-Apr;94(2 Pt 1):186-90

Cyclic nucleotide levels of nasal secretions in allergic patients and control subjects. Asakura K, et al. **Arch Otorhinolaryngol** 1984;240(3):249-53

[Measurement of beta-adrenoceptors in lymphocytes of subjects with nasal allergy] Maeda H, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Jan;88(1):37-40 (Eng. Abstr.) **(Jpn)**

OCCURRENCE

Perennial rhinitis. A common childhood complaint. Kemp A, et al. **Med J Aust** 1984 Nov 10;141(10):640-3

PATHOLOGY

Clinical findings in patients with allergic rhinitis. Binder E et al. **Rhinology** 1984 Dec;22(4):255-60

Ciliary ultrastructure and nasal mucociliary clearance i chronic and allergic rhinitis. Maurizi M, et al. **Rhinology** 1984 Dec;22(4):233-40

PHYSIOPATHOLOGY

Allergen-induced release of sulphidopeptide leukotriene (SRS-A) and LTB4 in allergic rhinitis. Shaw RJ, et al. **Allergy** 1985 Jan;40(1):1-6

The effect of inhaled leukotriene D4 in humans. Smith LJ et al. **Am Rev Respir Dis** 1985 Mar;131(3):368-72

The allergic irritability syndrome: four case reports and a position statement from the Neuroallergy Committee o the American College of Allergy. Klein GL, et al. **Ann Allergy** 1985 Jul;55(1):22-4

Tympanometric changes following nasal antigen challenge in children with allergic rhinitis. O'Connor RD, et al. **Ann Allergy** 1984 Dec;53(6):468-71

Anatomy and physiology of the nose--pathophysiologic alterations in allergic rhinitis. Mygind N, et al. **Clin Rev Allergy** 1984 Aug;2(3):173-88 (48 ref.)

Craniofacial morphology and head posture in children with asthma and perennial rhinitis. Wenzel A, et al **Eur J Orthod** 1985 May;7(2):83-92

Asymptomatic bronchial hyperresponsiveness in rhinitis Ramsdale EH, et al. **J Allergy Clin Immunol** 1985 May; 75(5):573-7

[Effect of growth on nasal allergy in children] Hamaguchi F, et al. **Arerugi** 1984 Jun;33(6):308-17 (Eng. Abstr.) **(Jpn)**

[Changes in nasal resistance induced by nasal provocation in nasal allergy] Naito K, et al. **Arerugi** 1985 Jun; 34(6):341-50 (Eng. Abstr.) **(Jpn)**

[Ciliary activity of nasal allergy mucous membrane] Ohashi Y, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Nov; 87(11):1511-8 (Eng. Abstr.) **(Jpn)**

THERAPY

Hyposensitization with a tyrosine adsorbed extract of Dermatophagoides pteronyssinus in adults with perennial rhinitis. A controlled clinical trial. Blainey AD, et al. **Allergy** 1984 Oct;39(7):521-8

Treatment of allergic rhinitis. Okuda M. **Asian Pac J Allergy Immunol** 1983 Dec;1(2):170-4

Gaonkar's maneuver for treating allergic asthma, allergic rhinitis, and chronic sinusitis. Gaonkar BN, et al. **J Asthma** 1985;22(2):93-7

[Results of the conservative treatment of allergic nasosinus disease] Ziuzio S. **Otolaryngol Pol** 1984;38(3):225-32 (Eng Abstr.) **(Pol)**

[Specific desensitization of patients with allergic rhinitis and susceptibility to bronchial asthma] Gniazdowski R, et al **Pol Tyg Lek** 1985 Mar 25-31;40(12-13):357-9 **(Pol)**

[Effectiveness and potentials of specific hyposensitizing treatment for allergic rhinitis in children] Toader V, et al **Rev Chir [Otorinolaringol]** 1985 Apr-Jun;30(2):81-8 (Eng Abstr.) **(Rum)**

RHINITIS, ALLERGIC, SEASONAL see **HAY FEVER**

RHINITIS, ATROPHIC

DIAGNOSIS

Desquamation and squamotransformation of rhinomucosa as a prodromal sign of atrophic rhinitis. Chen HS. **ORL J Otorhinolaryngol Relat Spec** 1984;46(6):327-8

ETIOLOGY

Ozena as presenting symptom of a rare and severe genetic disease: hypohidrotic ectodermal dysplasia. Martini A, et al. **Int J Pediatr Otorhinolaryngol** 1984 Oct;8(1):97-103

[Condition of the nasal and pharyngeal mucosa in workers exposed to titanium dioxide dust] Mickiewicz L, et al. **Med Pr** 1984;35(3):209-15 (Eng. Abstr.) **(Pol)**

IMMUNOLOGY

[Recent findings on the pathogenesis of ozena in children] Soranzo G, et al. **Acta Otorhinolaryngol Ital** 1984 Jan-Feb 4(1):85-92 (Eng. Abstr.) **(Ita)**

PATHOLOGY

Ciliary ultrastructure and nasal mucociliary clearance in chronic and allergic rhinitis. Maurizi M, et al. **Rhinology** 1984 Dec;22(4):233-40

[Electron microscopy in long-term ozena] Sekula J, et al. **Otolaryngol Pol** 1984;38(6):461-7 (Eng. Abstr.) **(Pol)**

PHYSIOPATHOLOGY

Nasal mucosal blood flow in atrophic rhinitis. Bende M. **ORL J Otorhinolaryngol Relat Spec** 1985;47(4):216-9

[Sense of smell and taste in patients with drug-treated scleroma and surgically-treated ozena] Pruszewicz A, et al. **Otolaryngol Pol** 1984;38(4):291-5 (Eng. Abstr.) **(Pol)**

SURGERY

Septoplasty in unilateral atrophic rhinitis with deviated nasal septum. Gupta SC. **J Laryngol Otol** 1985 Feb;99(2):163-5

VETERINARY

Immunogenicity and safety of an attenuated Bordetella bronchiseptica vaccine in pigs. Sakano T, et al. **Am J Vet Res** 1984 Sep;45(9):1814-7

Snout impression prints: a technique for recording lesions in porcine atrophic rhinitis. Done JT, et al. **Br Vet J** 1984 Sep-Oct;140(5):478-81

Atrophic rhinitis in swine: correlation of Pasteurella multocida pathogenicity with membrane protein and lipopolysaccharide patterns. Lugtenberg B, et al. **Infect Immun** 1984 Oct;46(1):48-54

Purification of dermonecrotic toxin from a sonic extract of Pasteurella multocida SP-72 serotype D. Nakai T, et al. **Infect Immun** 1984 Nov;46(2):429-34

Pneumonia and atrophic rhinitis in pigs from a test station--a follow-up study. Straw BE, et al. **J Am Vet Med Assoc** 1984 Dec 15;185(12):1544-6

Influence of vaccination of sows with Bordetella-Pasteurella vaccines on the occurrence of atrophic rhinitis among their offspring after experimental infection with Bordetella bronchiseptica and toxigenic Pasteurella multocida. Barfod K, et al. **Nord Vet Med** 1984 Nov-Dec;36(11):337-45

Biochemical and immunological analyses of the cell surface of Bordetella bronchiseptica isolates with special reference to atrophic rhinitis in swine. Lugtenberg B, et al. **Vaccine** 1984 Dec;2(4):265-73

A test in vero cell monolayers for toxin production by strains of Pasteurella multocida isolated from pigs suspected of having atrophic rhinitis. Pennings AM, et al. **Vet Microbiol** 1984 Sep;9(5):503-8

Selective medium for the isolation of P multocida and B bronchiseptica [letter] de Jong MF, et al. **Vet Rec** 1985 Feb 9;116(6):167

Epidemiological study of Pasteurella multocida and Bordetella bronchiseptica in atrophic rhinitis. Rutter JM, et al. **Vet Rec** 1984 Dec 15;115(24):615-9

[Production of a specific gamma globulin against infectious atrophic rhinitis in swine] Mermerski K, et al. **Vet Med Nauki** 1985;22(4):15-21 (Eng. Abstr.) **(Bul)**

[Prospective study of the presence of atrophic rhinitis and AR-pathogenic Bordetella bronchiseptica and Pasteurella multocida bacteria in piglets of health-certified pig-breeding farms] de Jong MF. **Tijdschr Diergeneeskd** 1985 Jun 15;110(12):473-87 (Eng. Abstr.) **(Dut)**

[Genetic nature of atrophic rhinitis in swine. II. Cytogenetic research] Gavrichenkov AI. **Genetika (Moskva)** 1985 Feb; 21(2):301-5 (Eng. Abstr.) **(Rus)**

RHINITIS, VASOMOTOR

DIAGNOSIS

[Value of nasal provocation tests in the evaluation of vasomotor rhinopathies. Study of a patch method (251 cases)] Royer P, et al. **Ann Otolaryngol Chir Cervicofac** 1985,102(2):87-9 **(Fre)**

[Hyperreflectoric rhinopathy] Terrahe K. **HNO** 1985 Feb; 33(2):51-7 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

[Pivalone and vasomotor rhinitis] Bebear JP, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(3):321-2 **(Fre)**

SURGERY

Transnasal approach to the vidian nerve: anatomical considerations. Kirtane MV, et al. **J Postgrad Med** 1984 Oct;30(4):210-3

[Submucous turbinate resection] Schmoldt U, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Jul;64(7):328-30 (Eng. Abstr.) **(Ger)**

[Resection of the vidian nerve in vasomotor rhinitis: morphofunctional effects on the nasal mucosa] Rucci L, et al. **Acta Otorhinolaryngol Ital** 1984 May-Jun;4(3):277-95 (Eng. Abstr.) **(Ita)**

THERAPY

Hay fever, rhinitis and nasal polyps. Grey P. **Aust Fam Physician** 1985 Jun;14(6):510-1

RHINOPHARYNX see **NASOPHARYNX**

RHINOPHYMA see under **ROSACEA**

RHINOPLASTY

Relationship between the protrusion of the nasal tip and the dorsum in rhinoplasty. Hinderer UT. **Aesthetic Plast Surg** 1984;8(4):201-12

Rhinoplasty: a graded aesthetic-anatomical approach. Daniel RK, et al. **Ann Plast Surg** 1984 Nov;13(5):436-51

A scale for evaluating results of rhinoplasty. Anderson JR. **Arch Otolaryngol** 1985 Aug;111(8):520-3

Open v closed reduction of the fractured nose. Murray JA, et al. **Arch Otolaryngol** 1984 Dec;110(12):797-802

Management of congenital bilateral cleft nose. Mullin WR, et al. **Plast Reconstr Surg** 1985 Feb;75(2):253-7

Rhinoplasty in blacks: the Michael Jackson factor [letter] Ofodile FA. **Plast Reconstr Surg** 1984 Dec;74(6):846

[Importance of flunitrazepam for the reduction of bleeding in rhinoplasty] Meites G, et al. **Cah Anesthesiol** 1984 Dec; 32(8 Suppl):21-3 **(Fre)**

[Development of pressure in the middle ear after nasal operations] Laszig R. **HNO** 1985 Apr;33(4):187-9 (Eng. Abstr.) **(Ger)**

[Cerebral anoxia with a fatal sequela caused by aspiration of a nasal tamponade] Minnigerode B. **HNO** 1984 Dec; 32(12):521-2 (Eng. Abstr.) **(Ger)**

[Ophthalmo-rhinosurgical decompression operation in malignant endocrine exophthalmus] Buschmann W, et al. **Klin Monatsbl Augenheilkd** 1984 Jul;185(1):1-8 (Eng. Abstr.) **(Ger)**

ADVERSE EFFECTS

[Septic shock following septoplasty] Qvarnberg Y, et al. **Duodecim** 1984;100(22):1540-3 **(Fin)**

EDUCATION

Teaching model for rhinoplasty [letter] McKinney P. **Plast Reconstr Surg** 1984 Dec;74(6):846-7

HISTORY

Sir William Fergusson and the Indian Rhinoplasty. Bennett JP. **Ann R Coll Surg Engl** 1984 Nov;66(6):444-8

INSTRUMENTATION

A useful rhinoplasty instrument: the nasal hump extractor. Thomas JR. **Otolaryngol Head Neck Surg** 1985 Jun; 93(3):442-3

[Dressings for rhinoplasty] Meley M. **Ann Chir Plast Esthet** 1984;29(3):265-9 (Eng. Abstr.) **(Fre)**

METHODS

Rhinoplasty in Egyptians. Beheri GE. **Aesthetic Plast Surg** 1984;8(3):145-50

The prominent nasal tip. Farina R, et al. **Aesthetic Plast Surg** 1984;8(3):141-4

The fat nose. González-Ulloa M. **Aesthetic Plast Surg** 1984; 8(3):135-40

Repair of the unilateral cleft lip nose using contralateral alar crease grafts. Vecchione TR. **Ann Plast Surg** 1985 Feb; 14(2):148-54

An approach to large nasoseptal perforations and attendant deformity. Belmont JR. **Arch Otolaryngol** 1985 Jul; 111(7):450-5

Intranasal composite grafts for dorsal support. Conley J. **Arch Otolaryngol** 1985 Apr;111(4):241-3

External rhinoplasty approach to transsphenoidal hypophysectomy. Koltai PJ, et al. **Arch Otolaryngol** 1985 Jul;111(7):456-8

Surgical anatomy of septorhinoplasty. Lessard ML, et al. **Arch Otolaryngol** 1985 Jan;111(1):25-9

A new twist in nasal tip surgery. An alternative to the Goldman tip for the wide or bulbous lobule. McCollough EG, et al. **Arch Otolaryngol** 1985 Aug;111(8):524-9

Enbucrilate as cartilage adhesive in augmentation rhinoplasty. Sachs ME. **Arch Otolaryngol** 1985 Jun; 111(6):389-93

Laser turbinectomy as an adjunct to rhinoseptoplasty. Selkin SG. **Arch Otolaryngol** 1985 Jul;111(7):446-9

The importance of symmetry in forehead flap rhinoplasty. Hart NB, et al. **Br J Plast Surg** 1984 Oct;37(4):477-81

Reconstruction of the ala of the nose using a composite free flap from the pinna. Parkhouse N, et al. **Br J Plast Surg** 1985 Jul;38(3):306-13

The noselift procedure for rhinoplasty in the older patient. Robbins TH. **Br J Plast Surg** 1985 Apr;38(2):264-6

Aesthetic restoration of the nose. Burget GC. **Clin Plast Surg** 1985 Jul;12(3):463-80

The precise midline forehead flap in reconstruction of the nose. Tardy ME Jr, et al. **Clin Plast Surg** 1985 Jul; 12(3):481-94

Autogenous nasal bone grafts. Smith HW. **Ear Nose Throat J** 1985 Mar;64(3):122-6

The 'crossbow' incision and nasal flap--its blood supply and clinical application. Hassard AD, et al. **Head Neck Surg** 1984 Dec;7(2):135-8

Cosmetic rhinoplasty: radiological features. Safian LS. **Head Neck Surg** 1984 Dec;7(2):139-49

External septorhinoplasty in children. Crysdale WS, et al. **Laryngoscope** 1985 Jan;95(1):12-6

Columella-labial changes in solution of rhinoplastic problems. Webster RC, et al. **Laryngoscope** 1985 Jun; 95(6):629-43

Median horizontal split tip. Kamer FM, et al. **Otolaryngol Head Neck Surg** 1985 Feb;93(1):35-40

Onlay cartilage graft of the alar lateral crus for cleft lip nasal deformities. Blackwell SJ, et al. **Plast Reconstr Surg** 1985 Sep;76(3):395-401

The subunit principle in nasal reconstruction. Burget GC, et al. **Plast Reconstr Surg** 1985 Aug;76(2):239-47

Grafts to the nose [letter] Crestinu JM. **Plast Reconstr Surg** 1985 Aug;76(2):328-9

Temporoparietal free fascia grafts in rhinoplasty. Guerrerosantos J. **Plast Reconstr Surg** 1984 Oct; 74(4):465-75

Free grafts in rhinoplasty [letter] Kesselring UK. **Plast Reconstr Surg** 1985 Apr;75(4):609

The nasal tip: cartilage repositioning. Shehadi SI. **Plast Reconstr Surg** 1984 Dec;74(6):771-7

[Skin flaps from the nasal dorsum-sulcus in the repair of partial nasal defects] Hu YS. **Chung Hua I Hsueh Tsa Chih** 1984 Oct;64(10):646-7 **(Chi)**

[Surgery of secondary deformities of the nose in unilateral clefts] Měšťák J. **Rozhl Chir** 1985 Feb;64(2):114-8 (Eng. Abstr.) **(Cze)**

[Nose destruction following septum abscess: surgical prevention] Huizing EH. **Ned Tijdschr Geneeskd** 1985 Mar 30;129(13):577-9 **(Dut)**

[Indications, technic and long-term results of surgery of the nasal pyramid and septum in children] Willemot J, et al. **Acta Otorhinolaryngol Belg** 1984;38(4):427-32 (Eng. Abstr.) **(Fre)**

[Early treatment of the nasal component in labiomaxillopalatine clefts] Linker M, et al. **Acta Stomatol Belg** 1984 Nov;81(3):173-80 **(Fre)**

[A method for the prevention of supratip swelling following esthetic rhinoplasty] Austermann KH. **Fortschr Kiefer Gesichtschir** 1985;30:76-8 **(Ger)**

[Unwanted effects of corrective rhinoplasties] Günther H. **Fortschr Kiefer Gesichtschir** 1985;30:70-3 **(Ger)**

[Prevention of alien changes of facial expression in rhinoplasty] Kapovits M. **Fortschr Kiefer Gesichtschir** 1985; 30:73-6 **(Ger)**

[Prevention of errors in the operative correction of nose deformities in cleft patients] Reil-Ehlers B, et al. **Fortschr Kiefer Gesichtschir** 1985;30:143-5 **(Ger)**

[Fibrin glue to prevent hematomas after rhinosurgical interventions] Schönfeld R. **HNO** 1985 Apr;33(4):156-8 (Eng. Abstr.) **(Ger)**

[Congenital aplasia of the nasal columella and cartilaginous septum] Jacobs KF. **Laryngol Rhinol Otol (Stuttg)** 1984 Jul;63(7):344-6 (Eng. Abstr.) **(Ger)**

[Correction of saddle nose] Wolfgruber H. **Laryngol Rhinol Otol (Stuttg)** 1985 Feb;64(2):81-8 (Eng. Abstr.) **(Ger)**

[Treatment of complex deformities of the nose] Ivanović A, et al. **Med Pregl** 1984;37(5-6):217-20 (Eng. Abstr.) **(Scr)**

PSYCHOLOGY

After aesthetic rhinoplasty: new looks and psychological outlooks on post-surgical satisfaction. Moses S, et al. **Aesthetic Plast Surg** 1984;8(4):213-7

Some preliminary psychological observations on narcissism, the cosmetic rhinoplasty patient and the plastic surgeon. Marcus P. **Aust NZ J Surg** 1984 Dec;54(6):543-7

RHINOSCLEROMA

PATHOLOGY

Orbital apex syndrome due to rhinoscleroma. A case report. Nayar RC, et al. **J Laryngol Otol** 1985 Jun;99(6):597-9

Rhinoscleroma. Stiernberg CM, et al. **Tex Med** 1985 Apr; 81(4):43-6

[Apropos of a case of rhinoscleroma] Bauduceau B, et al. **Med Trop (Mars)** 1984 Apr-Jun;44(2):165-9 (Eng. Abstr.) **(Fre)**

PHYSIOPATHOLOGY

[Sense of smell and taste in patients with drug-treated scleroma and surgically-treated ozena] Pruszewicz A, et al. **Otolaryngol Pol** 1984;38(4):291-5 (Eng. Abstr.) **(Pol)**

RHINOSPORIDIOSIS

Conjunctival rhinosporidiosis. Roberson MC. **Ann Ophthalmol** 1985 Apr;17(4):262-3

Rhinosporidiosis of conjunctiva (report of a case from Patiala). Gupta K, et al. **J Postgrad Med** 1984 Apr; 30(2):119-20

OCCURRENCE

Rhinosporidiosis in Bahrain, Arabian Gulf. Al-Hilli F. **Mycopathologia** 1985 Mar;89(3):155-9

PATHOLOGY

Rhinosporidiosis. A report of two cases from Arkansas. Jimenez JF, et al. **Am J Clin Pathol** 1984 Nov;82(5):611-5

Rhinosporidiosis: ultrastructural study of an infection in South Carolina. Woodard BH, et al. **South Med J** 1984 Dec;77(12):1587-8

VETERINARY

Rhinosporidiosis in a dog. Mosier DA, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):1009-10

RHINOSPORIDIUM

Autofluorescence of Rhinosporidium seeberi [letter] Senba M, et al. **Am J Clin Pathol** 1985 Jan;83(1):132

RHINOVIRUSES

DRUG EFFECTS

Inactivation of rhinovirus on human fingers by virucidal activity of glutaric acid. Hayden GF, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):928-9

Virucidal activity of glutaric acid and evidence for dual mechanism of action. Kuhrt MF, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):924-7

Comparative studies on the modes of action of the antirhinovirus agents Ro 09-0410, Ro 09-0179, RMI-15,731, 4',6-dichloroflavan, and enviroxime. Ninomiya Y, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):595-9

Studies on 44 081 R.P., a new antirhinovirus compound, in cell cultures and in volunteers. Zerial A, et al. **Antimicrob Agents Chemother** 1985 May;27(5):846-50

Rhinovirus inactivation by nasal tissues treated with virucide. Hayden GF, et al. **Antiviral Res** 1985 Apr;5(2):103-9

Effect of dichloroflavan (BW683C) on the stability and uncoating of rhinovirus type 1B. Tisdale M, et al. **J Antimicrob Chemother** 1984 Aug;14 Suppl A:97-105

[In vitro effectiveness of new antiviral substances. 2. studies with enteroviruses and rhinovirus 1B] Tonew M, et al. **Virologie** 1985 Apr-Jun;36(2):111-7 (Eng. Abstr.) **(Ger)**

ENZYMOLOGY

Purification of a soluble template-dependent rhinovirus RNA polymerase and its dependence on a host cell protein for viral RNA synthesis. Morrow CD, et al. **J Virol** 1985 Jan;53(1):266-72

GENETICS

Human rhinovirus 2: complete nucleotide sequence and proteolytic processing signals in the capsid protein region. Skern T, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):2111-26

The complete nucleotide sequence of a common cold virus: human rhinovirus 14. Stanway G, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7859-75

Molecular cloning and complete sequence determination of RNA genome of human rhinovirus type 14. Callahan PL, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):732-6

GROWTH & DEVELOPMENT

Growth kinetics of equine respiratory tract viruses in cell and organ cultures. O'Niell FD, et al. **Am J Vet Res** 1984 Oct;45(10):1961-6

Electron microscopy of equine respiratory viruses in organ cultures of equine fetal respiratory tract epithelium. O'Niell FD, et al. **Am J Vet Res** 1984 Oct;45(10):1953-60

Preliminary characterization of a persistent infection of HeLa cells with human rhinovirus type 2. Gercel C, et al. **J Gen Virol** 1985 Jan;66 (Pt 1):131-9

IMMUNOLOGY

Evidence for at least two dominant neutralization antigens on human rhinovirus 14. Sherry B, et al. **J Virol** 1985 Jan;53(1):137-43

ISOLATION & PURIFICATION

Sites of virus recovery and antigen detection in epithelial cells during experimental rhinovirus infection. Turner RB, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;413:9-14

Isolation of a new serotype of bovine rhinovirus from cattle. Brief report. Yamashita H, et al. **Arch Virol** 1985;83(1-2):113-6

METABOLISM

Human rhinovirus 14 infection of HeLa cells results in the proteolytic cleavage of the p220 cap-binding complex subunit and inactivates globin mRNA translation in vitro. Etchison D, et al. **J Virol** 1985 May;54(2):634-8

PHYSIOLOGY

Different pH requirements for entry of the two picornaviruses, human rhinovirus 2 and murine encephalomyocarditis virus. Madshus IH, et al. **Virology** 1984 Dec;139(2):346-57

ULTRASTRUCTURE

Structure of a human common cold virus and functional relationship to other picornaviruses. Rossmann MG, et al. **Nature** 1985 Sep 12-18;317(6033):145-53

RHIZOBIACEAE

ANALYSIS

Characterization and primary structures of DNA-binding HU-type proteins from Rhizobiaceae. Khanaka H, et al. **Eur J Biochem** 1985 Mar 1;147(2):343-9

PHYSIOLOGY

Chemotaxis to aromatic and hydroaromatic acids: comparison of Bradyrhizobium japonicum and Rhizobium trifolii. Parke D, et al. **J Bacteriol** 1985 Aug;163(2):417-22

RHIZOBIUM

ANALYSIS

Bacteriocin small of fast-growing rhizobia is chloroform soluble and is not required for effective nodulation. van Brussel AA, et al. **J Bacteriol** 1985 Jun;162(3):1079-82

CLASSIFICATION

Use of intrinsic antibiotic resistance for characterisation and identification of rhizobia from nodules of Vigna unguiculata (L) Walp. and Phaseolus vulgaris (L). Dakora FD. **Acta Microbiol Pol** 1985;34(2):187-94

Slow-growing Rhizobium japonicum comprises two highly divergent symbiotic types. Stanley J, et al. **J Bacteriol** 1985 Jul;163(1):148-54

ENZYMOLOGY

Rhizobium japonicum hydrogenase: purification to homogeneity from soybean nodules, and molecular characterization. Arp DJ. **Arch Biochem Biophys** 1985 Mar;237(2):504-12

Reduction of NAD+ by uptake hydrogenase from groundnut bacteroids. Lodha ML, et al. **Indian J Biochem Biophys** 1984 Jun;21(3):206-7

Characterization of adenosine triphosphatase from Rhizobium japonicum. Sethna PB, et al. **Indian J Biochem Biophys** 1985 Feb;22(1):18-21

Stimulation of clover root hair infection by lectin-binding oligosaccharides from the capsular and extracellular polysaccharides of Rhizobium trifolii. Abe M, et al. **J Bacteriol** 1984 Nov;160(2):517-20

Molecular and immunological comparison of membrane-bound, H2-oxidizing hydrogenases of Bradyrhizobium japonicum, Alcaligenes eutrophus, Alcaligenes latus, and Azotobacter vinelandii. Arp DJ, et al. **J Bacteriol** 1985 Jul;163(1):15-20

Some properties of the nickel-containing hydrogenase of chemolithotrophically grown Rhizobium japonicum. Harker AR, et al. **J Bacteriol** 1984 Sep;159(3):850-6

Bacteriophage-induced acidic heteropolysaccharide lyases that convert the acidic heteropolysaccharides of Rhizobium trifolii into oligosaccharide units. Hollingsworth RI, et al. **J Bacteriol** 1984 Nov;160(2):510-6

Coordinate expression of hydrogenase and ribulose bisphosphate carboxylase in Rhizobium japonicum Hupc mutants. Merberg D, et al. **J Bacteriol** 1984 Oct;160(1):448-50

Purification and subunit characterization of Rhizobium meliloti RNA polymerase. Nielsen BL, et al. **J Bacteriol** 1985 May;162(2):645-50

Expression of cytochrome o in hydrogen uptake constitutive mutants of Rhizobium japonicum. O'Brian MR, et al. **J Bacteriol** 1985 Feb;161(2):507-14

Studies on the inhibition of pancreatic and microbial lipases by soybean proteins. Gargouri Y, et al. **J Lipid Res** 1984 Nov;25(11):1214-21

GENETICS

Evidence for plasmid- and chromosome-borne multiple nif genes in Rhizobium fredii. Barbour WM, et al. **Appl Environ Microbiol** 1985 Jul;50(1):41-4

Symbiotic mutants of Rhizobium meliloti that uncouple plant from bacterial differentiation. Finan TM, et al. **Cell** 1985 Apr;40(4):869-77

Nucleotide sequence of Rhizobium meliloti 1021 nodulation genes: nodD is read divergently from nodABC. Egelhoff TT, et al. **DNA** 1985 Jun;4(3):241-8

Replacement of the deoxycytidine residues in Rhizobium bacteriophage RL38JI DNA. Swinton D, et al. **FEBS Lett** 1985 May 20;184(2):294-8

Cloning of the nodulation (nod) genes of Rhizobium phaseoli and their homology to R. leguminosarum nod DNA. Lamb JW, et al. **Gene** 1985;34(2-3):235-41

Expression of symbiotic genes of Rhizobium japonicum USDA 191 in other rhizobia. Appelbaum ER, et al. **J Bacteriol** 1985 Jul;163(1):385-8

Characterization of the gene encoding glutamine synthetase I (glnA) from Bradyrhizobium japonicum. Carlson TA, et al. **J Bacteriol** 1985 May;162(2):698-703

Glucose-6-phosphate dehydrogenase deficiency in pleiotropic carbohydrate-negative mutant strains of Rhizobium meliloti. Cerveňanský C, et al. **J Bacteriol** 1984 Dec;160(3):1027-30

Isolation and characterization of transposon Tn5-induced symbiotic mutants of Rhizobium loti. Chua KY, et al. **J Bacteriol** 1985 Apr;162(1):335-43

Vector insertion mutagenesis of Rhizobium sp. strain ORS571: direct cloning of mutagenized DNA sequences. Donald RG, et al. **J Bacteriol** 1985 Apr;162(1):317-23

Characterization of Rhizobium japonicum hydrogen uptake genes. Haugland RA, et al. **J Bacteriol** 1984 Sep;159(3):1006-12

Nodules are induced on alfalfa roots by Agrobacterium tumefaciens and Rhizobium trifolii containing small segments of the Rhizobium meliloti nodulation region. Hirsch AM, et al. **J Bacteriol** 1985 Jan;161(1):223-30

Isolation of genes (nif/hup cosmids) involved in hydrogenase and nitrogenase activities in Rhizobium japonicum. Hom SS, et al. **J Bacteriol** 1985 Mar;161(3):882-7

Physical and genetic map of a Rhizobium meliloti nodulation gene region and nucleotide sequence of nodC. Jacobs TW, et al. **J Bacteriol** 1985 May;162(2):469-76

Monoclonal antibodies to Rhizobium meliloti and surface mutants insensitive to them. Johansen E, et al. **J Bacteriol** 1984 Oct;160(1):454-7

Repeated sequences similar to insertion elements clustered around the nif region of the Rhizobium japonicum genome. Kaluza K, et al. **J Bacteriol** 1985 May;162(2):535-42

Conservation of symbiotic nitrogen fixation gene sequences in Rhizobium japonicum and Bradyrhizobium japonicum. Masterson RV, et al. **J Bacteriol** 1985 Jul;163(1):21-6

Mobilization of a Sym plasmid from a fast-growing cowpea Rhizobium strain. Morrison NA, et al. **J Bacteriol** 1984 Oct;160(1):483-7

Sym plasmid genes of Rhizobium trifolii expressed in Lignobacter and Pseudomonas strains. Plazinski J, et al. **J Bacteriol** 1985 Jun;162(3):1261-9

Expression of Rhizobium trifolii early nodulation genes on maize and rice plants. Plazinski J, et al. **J Bacteriol** 1985 Aug;163(2):812-5

Reiteration of genes involved in symbiotic nitrogen fixation by fast-growing Rhizobium japonicum. Prakash RK, et al. **J Bacteriol** 1984 Nov;160(2):785-7

Molecular cloning and genetic organization of C4-dicarboxylate transport genes from Rhizobium leguminosarum. Ronson CW, et al. **J Bacteriol** 1984 Dec;160(3):903-9

Nodule initiation elicited by noninfective mutants of Rhizobium phaseoli. Vandenbosch KA, et al. **J Bacteriol** 1985 Jun;162(3):950-9

Conjugal transfer of bacterial chromosomes mediated by the RK2 plasmid transfer origin cloned into transposon Tn5. Yakobson EA, et al. **J Bacteriol** 1984 Oct;160(1):451-3

Expression of Rhizobium japonicum nifH and nifDK operons can be activated by the Klebsiella pneumonia nifA protein but not by the product of ntrC. Alvarez-Morales A, et al. **MGG** 1985;199(2):306-14

Nitrogen fixation specific regulatory genes of Klebsiella pneumoniae and Rhizobium meliloti share homology with the general nitrogen regulatory gene ntrC of K pneumoniae. Buikema WJ, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4539-55

Analysis of the 5' regulatory region of the gene for delta-aminolevulinic acid synthetase of Rhizobium meliloti. Leong SA, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5965-76

Identification and DNA sequence of fixZ, a nifB-like gene from Rhizobium leguminosarum. Rossen L, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7123-34

DNA sequence of the Rhizobium leguminosarum nodulation genes nodAB and C required for root hair curling. Rossen L, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9497-508

Conservation of nif- and species-specific domains within repeated promoter sequences from fast-growing Rhizobium species. Schofield PR, et al. **Nucleic Acids Res** 1985 May 24;13(10):3407-18

Nucleotide sequence of Rhizobium meliloti nodulation genes. Török I, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9509-24

Rhizobium meliloti carries two megaplasmids. Banfalvi Z, et al. **Plasmid** 1985 Mar;13(2):129-38

Tn5 insertions in the agrocin 84 plasmid: the conjugal nature of pAgK84 and the locations of determinants for transfer and agrocin 84 production. Farrand SK, et al. **Plasmid** 1985 Mar;13(2):106-17

Expression of a Rhizobium phaseoli Sym plasmid in R. trifolii and Agrobacterium tumefaciens: incompatibility with a R. trifolii Sym plasmid. Hooykaas PJ, et al. **Plasmid** 1985 Jul;14(1):47-52

The development of plasmid-free strains of Agrobacterium tumefaciens by using incompatibility with a Rhizobium meliloti plasmid to eliminate pAtC58. Hynes MF, et al. **Plasmid** 1985 Mar;13(2):99-105

Exopolysaccharide-deficient mutants of Rhizobium meliloti that form ineffective nodules. Leigh JA, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6231-5

GROWTH & DEVELOPMENT

Mode of infection, nodulation specificity, and indigenous plasmids of 11 fast-growing Rhizobium japonicum strains. Heron DS, et al. **J Bacteriol** 1984 Dec;160(3):1061-6

METABOLISM

Evidence of an active glucose uptake in Rhizobium meliloti. Theodoropoulos PA, et al. **Ann Inst Pasteur Microbiol** 1985 Mar-Apr;136A(2):261-9

Hydrogen oxidation and nitrogen fixation in rhizobia, with special attention focused on strain ORS 571. de Vries W, et al. **Antonie Van Leeuwenhoek** 1984;50(5-6):505-24

Natural variation in symbiotic nitrogen-fixing Rhizobium and Frankia spp. Lie TA, et al. **Antonie Van Leeuwenhoek** 1984;50(5-6):489-503 (52 ref.)

H+/ATP stoichiometry of cowpea Rhizobium sp. strain 32H1 cells grown under nitrogen-fixing and nitrogen-nonfixing conditions. Gober JW, et al. **J Bacteriol** 1984 Oct;160(1):216-21

Catabolite repression and role of cyclic AMP in CO2 fixation and H2 metabolism in Rhizobium spp. McGetrick AM, et al. **J Bacteriol** 1985 Sep;163(3):1282-4

Role of ubiquinone in hydrogen-dependent electron transport in Rhizobium japonicum. O'Brian MR, et al.

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J Bacteriol 1985 Feb;161(2):775-7

Legume agglutinins that bind to Rhizobium meliloti. Seegers R, et al. **J Bacteriol** 1985 May;162(2):784-9

Nitric oxide-dependent proton translocation in various denitrifiers. Shapleigh JP, et al. **J Bacteriol** 1985 Sep; 163(3):837-40

PHYSIOLOGY

Erwinia herbicola isolates from alfalfa plants may play a role in nodulation of alfalfa by Rhizobium meliloti. Handelsman J, et al. **Appl Environ Microbiol** 1985 Apr;49(4):818-21

Chemotaxis to aromatic and hydroaromatic acids: comparison of Bradyrhizobium japonicum and Rhizobium trifolii. Parke D, et al. **J Bacteriol** 1985 Aug;163(2):417-22

ULTRASTRUCTURE

Specific phases of root hair attachment in the Rhizobium trifolii-clover symbiosis. Dazzo FB, et al. **Appl Environ Microbiol** 1984 Dec;48(6):1140-50

Structure of complex flagellar filaments in Rhizobium meliloti. Krupski G, et al. **J Bacteriol** 1985 Apr; 162(1):361-6

Division of peribacteroid membranes in root nodules of white clover. Robertson JG, et al. **J Cell Sci** 1984 Jul;69:147-57

RHIZOCTONIA see under **DEUTEROMYCETES**

RHIZOPUS

ENZYMOLOGY

Inhibition of pancreatic and microbial lipases by proteins. Gargouri Y, et al. **Biochim Biophys Acta** 1984 Sep 12; 795(2):326-31

The sub-cellular localisation and regulatory properties of pyruvate carboxylase from Rhizopus arrhizus. Osmani SA, et al. **Eur J Biochem** 1985 Feb 15;147(1):119-28

Modification of glucoamylases from Rhizopus sp. with 1-cyclohexyl-3-(2-morpholinyl-(4)-ethyl)carbodiimide. Iwama M, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):329-36

GROWTH & DEVELOPMENT

Monitoring of filamentous fungal growth by in situ microspectrophotometry, fragmented mycelium absorbance density, and 14C incorporation: alternatives to mycelial dry weight. Granade TC, et al. **Appl Environ Microbiol** 1985 Jan;49(1):101-8

[Growth and biotin synthesis of Sporobolomyces pararoseus and Rhizopus delemar under different substrate ratios] Altukhova EA, et al. **Mikrobiologiia** 1984 Jul-Aug; 53(4):595-9 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Neutrophil chemotactic responses induced by fresh and swollen Rhizopus oryzae spores and Aspergillus fumigatus conidia. Waldorf AR, et al. **Infect Immun** 1985 May; 48(2):458-63

In vivo bronchoalveolar macrophage defense against Rhizopus oryzae and Aspergillus fumigatus. Waldorf AR, et al. **J Infect Dis** 1984 Nov;150(5):752-60

ISOLATION & PURIFICATION

Isolation of Rhizopus rhizopodiformis from a case of mucormycosis in a pig. Dion WM, et al. **Mycopathologia** 1985 Feb;89(2):127-8

PATHOGENICITY

Pathogenic potential of some fungal species of the genera Aspergillus, Mucor and Rhizopus. Hassan MN, et al. **Arch Exp Veterinarmed** 1984 Sep;38(5):687-91

RHO FACTOR see under **TRANSCRIPTION FACTORS**

RHODAMINES see under **XANTHENES**

RHODANATES see **THIOCYANATES**

RHODANINE see under **THIAZOLES**

RHODNIUS see under **TRIATOMIDAE**

RHODOPSEUDOMONAS

ANALYSIS

A novel hopanoid, 30-(5'-adenosyl)hopane, from the purple non-sulphur bacterium Rhodopseudomonas acidophila, with possible DNA interactions. Neunlist S, et al. **Biochem J** 1985 Jun 15;228(3):769-71

Reversible chemical cross-linking of the light-harvesting polypeptides of Rhodopseudomonas viridis. Ludwig FR, et al. **Eur J Biochem** 1985 Aug 15;151(1):83-7

Pigment-protein complexes from Rhodopseudomonas palustris: isolation, characterization, and reconstitution into liposomes. Varga AR, et al. **J Bacteriol** 1985 Mar; 161(3):921-7

X-ray structure analysis of a membrane protein complex. Electron density map at 3 A resolution and a model of the chromophores of the photosynthetic reaction center from Rhodopseudomonas viridis. Deisenhofer J, et al. **J Mol Biol** 1984 Dec 5;180(2):385-98

ENZYMOLOGY

Identification of the components of a putative cytochrome bc1 complex in Rhodopseudomonas viridis. Wynn RM, et al. **Arch Biochem Biophys** 1985 May 1;238(2):373-7

Molecular and regulatory properties of glutamine synthetase from the phototrophic bacterium Rhodopseudomonas capsulata E1F1. Caballero FJ, et al. **J Bacteriol** 1985 May; 162(2):804-9

Kinetic studies on formation of cytochrome oxidase of Rhodopseudomonas capsulata after a shift from phototrophic to chemotrophic growth. Hüdig H, et al. **J Bacteriol** 1985 Jun;162(3):897-901

GENETICS

Construction of a gene bank of Rhodopseudomonas capsulata using a broad host range DNA cloning system. Klug G, et al. **Arch Microbiol** 1984 Nov;139(4):319-25

Differential expression of photosynthesis genes in R. capsulata results from segmental differences in stability within the polycistronic rxcA transcript. Belasco JG, et al. **Cell** 1985 Jan;40(1):171-81

A putative nitrogenase reductase gene found in the nucleotide sequences from the photosynthetic gene cluster of R. capsulata [letter] Hearst JE, et al. **Cell** 1985 Jan; 40(1):219-20

Cloning and expression of the fbc operon encoding the FeS protein, cytochrome b and cytochrome c1 from the Rhodopseudomonas sphaeroides b/c1 complex. Gabellini N, et al. **EMBO J** 1985 Feb;4(2):549-53

Isolation of a recombination-deficient mutant of Rhodopseudomonas capsulata. Genthner FJ, et al. **J Bacteriol** 1984 Dec;160(3):971-5

Rhodopseudomonas blastica atp operon. Nucleotide sequence and transcription. Tybulewicz VL, et al. **J Mol Biol** 1984 Oct 25;179(2):185-214

METABOLISM

The acceptor quinone complex of Rhodopseudomonas viridis reaction centers. Shopes RJ, et al. **Biochim Biophys Acta** 1985 Mar 13;806(3):348-56

The light-harvesting polypeptides of Rhodopseudomonas viridis. The complete amino-acid sequences of B1015-alpha, B1015-beta and B1015-gamma. Brunisholz RA, et al. **Biol Chem Hoppe Seyler** 1985 Jan;366(1):87-98

Oxygen does not directly regulate carotenoid biosynthesis in Rhodopseudomonas capsulata. Biel AJ, et al. **J Bacteriol** 1985 Jun;162(3):1320-1

Fusion of liposomes and chromatophores of Rhodopseudomonas capsulata: effect on photosynthetic energy transfer between B875 and reaction center complexes. Takemoto JY, et al. **J Bacteriol** 1985 Jun; 162(3):1126-34

Influence of pH, O2, and temperature on the absorption properties of the secondary light-harvesting antenna in members of the family Rhodospirillaceae. Uffen RL. **J Bacteriol** 1985 Sep;163(3):943-50

Proton correlation NMR studies of metabolism in Rhodopseudomonas palustris. Imai Y, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):691-9

Ferredoxins from the photosynthetic purple non-sulfur bacterium Rhodopseudomonas palustris. Isolation and amino acid sequence of ferredoxin I. Minami Y, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):585-92

PHYSIOLOGY

Membrane adhesion in photosynthetic bacterial membranes. Light harvesting complex I (LHI) appears to be the main adhesion factor. Varga AR, et al. **Arch Microbiol** 1985 May; 141(4):290-6

ULTRASTRUCTURE

Photosynthetic reaction centers in artificial membranes: estimating protein dimensions by freeze-fracture and freeze-etching. Miller KR, et al. **J Submicrosc Cytol** 1984 Oct;16(4):619-23

RHODOPSEUDOMONAS SPHEROIDES

ANALYSIS

Electron-transfer kinetics in photosynthetic reaction centers cooled to cryogenic temperatures in the charge-separated state: evidence for light-induced structural changes. Kleinfeld D, et al. **Biochemistry** 1984 Nov 20;23(24):5780-6

Soluble cytochrome composition of the purple phototrophic bacterium, Rhodopseudomonas sphaeroides ATCC 17023. Meyer TE, et al. **Biochim Biophys Acta** 1985 May 31; 807(3):308-19

The structure of the polysaccharide moiety of Rhodopseudomonas sphaeroides ATCC 17023 lipopolysaccharide. Salimath PV, et al. **Eur J Biochem** 1984 Oct 15;144(2):227-32

The light-harvesting polypeptides of Rhodopseudomonas sphaeroides R-26.1. II. Conformational analyses by attenuated total reflection infrared spectroscopy and the possible molecular structure of the hydrophobic domain of the B 850 complex. Theiler R, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jul;365(7):721-9

Photosynthetic membrane development in Rhodopseudomonas sphaeroides. Spectral and kinetic characterization of redox components of light-driven electron flow in apparent photosynthetic membrane growth initiation sites. Bowyer JR, et al. **J Biol Chem** 1985 Mar 25;260(6):3295-304

Topology and neighbor analysis of the photosynthetic reaction center from Rhodopseudomonas sphaeroides. Hoger JH, et al. **J Biol Chem** 1985 Jun 10;260(11):6932-7

Purification and properties of a phospholipid transfer protein from Rhodopseudomonas sphaeroides. Tai SP, et al. **J Biol Chem** 1984 Oct 10;259(19):12178-83

ENZYMOLOGY

Nanosecond fluorescence from isolated photosynthetic reaction centers of Rhodopseudomonas sphaeroides. Woodbury NW, et al. **Biochim Biophys Acta** 1984 Nov 26;767(2):345-61

The phosphoenolpyruvate-dependent fructose-specific phosphotransferase system in Rhodopseudomonas sphaeroides. Mechanism for transfer of the phosphoryl group from phosphoenolpyruvate to fructose. Lolkema JS, et al. **Eur J Biochem** 1985 Jun 18;149(3):625-31

Phosphoenolpyruvate-dependent fructose phosphotransferase system in Rhodopseudomonas sphaeroides. The coupling between transport and phosphorylation in inside-out vesicles. Lolkema JS, et al. **Eur J Biochem** 1985 Feb 15;147(1):69-75

Reduction of cytochrome b-561 through the antimycin-sensitive site of the ubiquinol-cytochrome c2 oxidoreductase complex of Rhodopseudomonas sphaeroides. Glaser EG, et al. **FEBS Lett** 1984 Dec 10; 178(2):336-42

Two distinct quinone-modulated modes of antimycin-sensitive cytochrome b reduction in the cytochrome bc1 complex. Robertson DE, et al. **FEBS Lett** 1984 Dec 10;178(2):343-50

Complete amino acid sequence of the B875 light-harvesting protein of Rhodopseudomonas sphaeroides strain 2.4.1. Comparison with R26.1 carotenoidless-mutant strain. Theiler R, et al. **FEBS Lett** 1985 May 20;184(2):231-6

Succinate dehydrogenase in Rhodopseudomonas sphaeroides: subunit composition and immunocross-reactivity with other related bacteria. Barassi CA, et al. **J Bacteriol** 1985 Aug;163(2):778-82

Ferric iron reductase of Rhodopseudomonas sphaeroides. Moody MD, et al. **J Bacteriol** 1985 Sep;163(3):1120-5

Localization and characterization of the sn-glycerol-3-phosphate acyltransferase in Rhodopseudomonas sphaeroides. Cooper CL, et al. **J Lipid Res** 1984 Nov;25(11):1222-32

RsrII--a novel restriction endonuclease with a heptanucleotide recognition site. O'Connor CD, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6701-8

GENETICS

Broad-host-range plasmid vector for the in vitro construction of transcriptional/translational lac fusions. Nano FE, et al. **Gene** 1985;34(2-3):219-26

Cloning and expression in Escherichia coli of the form II ribulose 1,5-bisphosphate carboxylase/oxygenase gene from Rhodopseudomonas sphaeroides. Quivey RG Jr, et al. **Gene** 1984 Nov;31(1-3):91-101

DNA-directed in vitro synthesis and assembly of the form II D-ribulose-1,5-bisphosphate carboxylase/oxygenase from Rhodopseudomonas sphaeroides. Chory J, et al. **J Bacteriol** 1985 Jan;161(1):307-13

Cloning and characterization of the gene product of the form II ribulose-1,5-bisphosphate carboxylase gene of Rhodopseudomonas sphaeroides. Muller ED, et al. **J Bacteriol** 1985 Jan;161(1):469-72

Effects of light, oxygen, and substrates on steady-state levels of mRNA coding for ribulose-1,5-bisphosphate carboxylase and light-harvesting and reaction center polypeptides in Rhodopseudomonas sphaeroides. Zhu YS, et al. **J Bacteriol** 1985 Jun;162(3):925-32

Structure and physical map of Rhodopseudomonas sphaeroides bacteriophage RS1 DNA. Donohue TJ, et al. **J Virol** 1985 Jul;55(1):147-57

[Inheritance of hybrid plasmid pAS*-21 by cells of the purple phototropic nitrogen-fixing bacterium Rhodopseudomonas sphaeroides] Dubelkovskiĭ AN, et al. **Genetika (Moskva)** 1984 Nov;20(11):1783-91 (Eng. Abstr.) **(Rus)**

METABOLISM

Characterization of light-harvesting mutants of Rhodopseudomonas sphaeroides. I. Measurement of the efficiency of energy transfer from light-harvesting complexes to the reaction center. Meinhardt SW, et al. **Arch Biochem Biophys** 1985 Jan;236(1):130-9

Light-induced proton gradients and internal volumes in chromatophores of Rhodopseudomonas sphaeroides. Melandri BA, et al. **Arch Biochem Biophys** 1984 Nov 15; 235(1):97-105

Siderophore utilization and iron uptake by Rhodopseudomonas sphaeroides. Moody MD, et al. **Arch Biochem Biophys** 1984 Oct;234(1):178-86

Sites of phospholipid biosynthesis during induction of intracytoplasmic membrane formation in Rhodopseudomonas sphaeroides. Radcliffe CW, et al.

Arch Microbiol 1985 Jul;142(2):136-40

Two-dimensional electron transfer from cytochrome C to photosynthetic reaction centers. Riegler J, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):592-9

Purification and properties of cytochrome b from photosynthetic bacterium Rhodopseudomonas sphaeroides R-26. Yu L, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1234-9

Electron nuclear double resonance of semiquinones in reaction centers of Rhodopseudomonas sphaeroides. Lubitz W, et al. **Biochim Biophys Acta** 1985 Aug 7;808(3):464-9

Excitation energy transfer in Rhodopseudomonas sphaeroides chromatophore membranes fused with liposomes. Pennoyer JD, et al. **FEBS Lett** 1985 Mar 11;182(1):145-50

The light-harvesting polypeptides of Rhodopseudomonas sphaeroides R-26.1. I. Isolation, purification and sequence analyses. Theiler R, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jul;365(7):703-19

Iron transport and its relation to heme biosynthesis in Rhodopseudomonas sphaeroides. Moody MD, et al. **J Bacteriol** 1985 Mar;161(3):1074-9

Nitric oxide-dependent proton translocation in various denitrifiers. Shapleigh JP, et al. **J Bacteriol** 1985 Sep;163(3):837-40

Influence of pH, O2, and temperature on the absorption properties of the secondary light-harvesting antenna in members of the family Rhodospirillaceae. Uffen RL. **J Bacteriol** 1985 Sep;163(3):943-50

Transmembrane orientation of reaction centers in proteoliposomes from Rhodopseudomonas sphaeroides. Iba K, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1823-30

Photoaffinity labeling of an antimycin-binding site in Rhodopseudomonas sphaeroides. Wilson E, et al. **J Biol Chem** 1985 Aug 25;260(18):10288-92

15N electron nuclear double resonance of the primary donor cation radical P+.865 in reaction centers of Rhodopseudomonas sphaeroides: additional evidence for the dimer model. Lubitz W, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7792-6

Primary structure of the L subunit of the reaction center from Rhodopseudomonas sphaeroides. Williams JC, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7303-7

[Temperature dependence of protein globule polarization and electron transport in preparations of photosynthetic reaction centers from Rhodopseudomonas sphaeroides] Zakharova NI, et al. **Mol Biol (Mosk)** 1985 May-Jun;19(3):679-86 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Role of proton motive force in phototactic and aerotactic responses of Rhodopseudomonas sphaeroides. Armitage JP, et al. **J Bacteriol** 1985 Mar;161(3):967-72

Carotenoid pigments and protection against photosensitization: how studies in bacteria suggested a treatment for a human disease. Mathews-Roth MM. **Perspect Biol Med** 1984 Autumn;28(1):127-39

ULTRASTRUCTURE

Cell-cycle-specific biosynthesis of the photosynthetic membrane of Rhodopseudomonas sphaeroides. Structural implications. Yen GS, et al. **Biochim Biophys Acta** 1984 Oct 17;777(1):41-55

RHODOPSIN see under **RETINAL PIGMENTS**

RHODOSPIRILLACEAE

ANALYSIS

Prokaryotic triterpenoids. The hopanoids of the purple non-sulphur bacterium Rhodomicrobium vannielii: an aminotriol and its aminoacyl derivatives, N-tryptophanyl and N-ornithinyl aminotriol. Neunlist S, et al. **Eur J Biochem** 1985 Mar 15;147(3):561-8

Structure and functional organization of light-harvesting complexes and photochemical reaction centers in membranes of phototrophic bacteria. Drews G. **Microbiol Rev** 1985 Mar;49(1):59-70 (123 ref.)

CYTOLOGY

Differentiation events in Rhodomicrobium vannielii. Dow CS, et al. **Ann Inst Pasteur Microbiol** 1985 Jan-Feb;136A(1):19-28

A model for the control of differentiation in Rhodomicrobium vannielii swarmer cells. Turner AM, et al. **Ann Inst Pasteur Microbiol** 1985 Jan-Feb;136A(1):29-32

ENZYMOLOGY

The formaldehyde dehydrogenase of Rhodococcus erythropolis, a trimeric enzyme requiring a cofactor and active with alcohols. Eggeling L, et al. **Eur J Biochem** 1985 Jul 1;150(1):129-34

ULTRASTRUCTURE

The case for a polyphyletic origin of mitochondria: morphological and molecular comparisons. Stewart KD, et al. **J Mol Evol** 1984;21(1):54-7

RHODOSPIRILLUM

ANALYSIS

The amino acid sequence of a high-redox-potential ferredoxin from the purple phototrophic bacterium, Rhodospirillum tenue strain 2761. Tedro SM, et al. **Arch Biochem Biophys** 1985 May 15;239(1):94-101

Protein on the cell surface of the moderately halophilic phototrophic bacterium Rhodospirillum salexigens. Evers D, et al. **J Bacteriol** 1984 Oct;160(1):107-11

ENZYMOLOGY

Stoichiometry determination for carbon monoxide binding to Rhodospirillum molischianum cytochrome c'. Doyle ML, et al. **J Biol Chem** 1985 Aug 15;260(17):9534-6

METABOLISM

Carbon monoxide binding to Rhodospirillum molischianum ferrocytochrome c'. Doyle ML, et al. **Biochemistry** 1985 Apr 9;24(8):1987-91

RHODOSPIRILLUM RUBRUM

ANALYSIS

The light-harvesting polypeptides of Rhodospirillum rubrum. II. Localisation of the amino-terminal regions of the light-harvesting polypeptides B 870-alpha and B 870-beta and the reaction-centre subunit L at the cytoplasmic side of the photosynthetic membrane of Rhodospirillum rubrum G-9+. Brunisholz RA, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jul;365(7):689-701

A new crystal form and preliminary crystallographic data for ferricytochrome c' from Rhodospirillum rubrum. Yasui M, et al. **J Mol Biol** 1984 Aug 25;177(4):845-6

CYTOLOGY

In vivo interaction between nitrogenase molybdenum-iron protein and membrane in Azotobacter vinelandii and Rhodospirillum rubrum. Howard KS, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):575-85

ENZYMOLOGY

The phosphate-pyrophosphate exchange and hydrolytic reactions of the membrane-bound pyrophosphatase of Rhodospirillum rubrum: effects of Mg2+, phosphate, and pyrophosphate. Celis H, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):766-74

Evidence of tyrosine kinase activity in the photosynthetic bacterium Rhodospirillum rubrum. Vallejos RH, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):685-91

Response of soluble and membrane-bound F1 ATPase of Rhodospirillum rubrum to the photoaffinity label 8-azido ATP. Eul U, et al. **Biochem Int** 1983 Jun;6(6):723-9

Purification and properties of the heat-released nucleotide-modifying group from the inactive iron protein of nitrogenase from Rhodospirillum rubrum. Pope MR, et al. **Biochemistry** 1985 Apr 23;24(9):2374-80

Carbon isotope effect on carboxylation of ribulose bisphosphate catalyzed by ribulosebisphosphate carboxylase from Rhodospirillum rubrum. Roeske CA, et al. **Biochemistry** 1985 Mar 26;24(7):1603-7

Properties and regulation of glutamine synthetase from Rhodospirillum rubrum. Nordlund S, et al. **J Bacteriol** 1985 Jan;161(1):13-7

Preparative purification of the subunits of chloroplast and Rhodospirillum rubrum coupling factors by flat-bed electrofocusing in granulated gels. Ceccarelli EA, et al. **J Biochem Biophys Methods** 1984 Nov;10(1-2):103-9

Site-specific mutagenesis of ribulose-1,5-bisphosphate carboxylase/oxygenase. Evidence that carbamate formation at Lys 191 is required for catalytic activity. Estelle M, et al. **J Biol Chem** 1985 Aug 15;260(17):9523-6

Partition kinetics of ribulose-1,5-bisphosphate carboxylase from Rhodospirillum rubrum. Jaworowski A, et al. **J Biol Chem** 1985 Jan 25;260(2):944-8

Purification and properties of the activating enzyme for iron protein of nitrogenase from the photosynthetic bacterium Rhodospirillum rubrum. Saari LL, et al. **J Biol Chem** 1984 Dec 25;259(24):15502-8

Covalent modification of the iron protein of nitrogenase from Rhodospirillum rubrum by adenosine diphosphoribosylation of a specific arginine residue. Pope MR, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3173-7

Membrane-bound inorganic pyrophosphatase. Baltscheffsky M, et al. **Prog Clin Biol Res** 1984;164:199-207

GENETICS

Nucleotide sequence of the Rhodospirillum rubrum atp operon. Falk G, et al. **Biochem J** 1985 Jun 1;228(2):391-407

Plasmidless, photosynthetically incompetent mutants of Rhodospirillum rubrum. Kuhl SA, et al. **J Bacteriol** 1984 Sep;159(3):913-8

METABOLISM

Binding of cytochrome c2 to the isolated reaction center of Rhodospirillum rubrum involves the 'backside' of cytochrome c2. Rieder R, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):120-6

Adenine nucleotide levels in Rhodospirillum rubrum during switch-off of whole-cell nitrogenase activity. Paul TD, et al. **Biochem J** 1984 Dec 15;224(3):961-9

The light-harvesting polypeptides of Rhodospirillum rubrum. I. The amino-acid sequence of the second light-harvestng polypeptide B 880-beta (B 870-beta) of Rhodospirillum rubrum S 1 and the carotenoidless mutant G-9+. carotenoidless mutant G-9+. Brunisholz RA, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jul;365(7):675-8

Regulation of nitrogen fixation in Rhodospirillum rubrum grown under dark, fermentative conditions. Schultz JE, et al. **J Bacteriol** 1985 Jun;162(3):1322-4

Influence of pH, O2, and temperature on the absorption properties of the secondary light-harvesting antenna in members of the family Rhodospirillaceae. Uffen RL. **J Bacteriol** 1985 Sep;163(3):943-50

[Effect of dehydration on the primary picosecond stages of charge separation in Rhodospirillum rubrum] Godik VI, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1562-8 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Evaluation of the complexity of charge recombination kinetics in photosynthetic bacteria. Woodle MC, et al. **Photochem Photobiol** 1984 Oct;40(4):525-31

RHODOTORULA see under **MONILIALES**

RHOMBENCEPHALIC SLEEP see **SLEEP, REM**

RHONCHI see **RESPIRATORY SOUNDS**

RHUBARB see under **PLANTS, MEDICINAL**

RHUS

Contact dermatitis to Rhus succedanea. Nakamura T. **Contact Dermatitis** 1985 May;12(5):279

Sodium lauryl sulfate irritant patch tests. II. Variations of test responses among subjects and comparison to variations of allergic responses elicited by Toxicodendron extract. Dahl MV, et al. **J Am Acad Dermatol** 1984 Sep;11(3):474-

ANALYSIS

A flavone with antiinflammatory activity from the roots of Rhus undulata. Fourie TG, et al. **J Nat Prod** 1984 Nov-Dec;47(6):1057-8

RHUS DERMATITIS see **POISON IVY DERMATITIS**

RHYTHM METHOD

Reliability of urine temperature as a measurement of basal body temperature. Samples JT, et al. **JOGN Nurs** 1984 Sep-Oct;13(5):319-23

The Billings method of family planning: an assessment. Betts K. **Stud Fam Plann** 1984 Nov-Dec;15(6 Pt 1):253-66

[Real and false risks of natural methods of birth planning] Zufferey MM. **Gynakol Rundsch** 1984;24 Suppl 1:37-9 **(Fre)**

[Why are claims about the reliability of the temperature method so variable?] Döring GK. **Geburtshilfe Frauenheilkd** 1985 Apr;45(4):265-7 **(Ger)**

[Natural family planning (NFP) (letter)] Luh-Hardegg G. **Geburtshilfe Fraunheilkd** 1984 Dec;44(12):829-30 **(Ger)**

[Acceptability factors of natural methods of birth regulation: the inscription and instruction phases] Mena P, et al. **Rev Chil Obstet Ginecol** 1984;49(3):175-86 (Eng. Abstr.) **(Spa)**

[Methodology of teaching natural methods of birth regulation (special reference to the Billings ovulation method)] Mena P, et al. **Rev Chil Obstet Ginecol** 1984;49(3):187-98 (Eng. Abstr.) **(Spa)**

[Clinical effectiveness of the ovulation method (Billings)] Pérez A, et al. **Rev Chil Obstet Ginecol** 1983;48(2):97-107 (Eng. Abstr.) **(Spa)**

[The ovulation method (Billings)] Pérez A. **Rev Chil Obstet Ginecol** 1983;48(2):88-96 **(Spa)**

RIB FRACTURES

[Intercostal blockade with morphine chloride in multiple rib fractures] Sanchez Garcia R, et al. **Ugeskr Laeger** 1984 Apr 30;146(18):1364-5 (Eng. Abstr.) **(Dan)**

COMPLICATIONS

Pleural fluid eosinophilia in association with trauma. Darbyshire PG, et al. **Br J Clin Pract** 1984 Sep;38(9):33

[Compression of the brachial plexus by a pseudarthrosis of the 1st rib] Borrelly J, et al. **Ann Chir Main** 1984;3(3):260- (Eng. Abstr.) **(Fre)**

[Unusual complication of costal fracture. Stercoraceous pyopneumothorax (letter)] Gaucher L, et al. **Presse Med** 1985 May 18;14(20):1154 **(Fre)**

[On-demand analgesia with tramadol in bilateral multiple rib fractures] Lehmann KA, et al. **Dtsch Med Wochenschr** 1984 Sep 21;109(38):1449-50 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Cough fracture of the ribs. Roberge RJ, et al. **Am J Emerg Med** 1984 Nov;2(6):513-7

Surfer's rib: isolated first rib fracture secondary to indirect trauma. Bailey P. **Ann Emerg Med** 1985 Apr;14(4):346–9

Upper rib fractures following median sternotomy. Woodring JH, et al. **Ann Thorac Surg** 1985 Apr;39(4):355–7

Stress fracture of a rib [letter] Pereira J. **Br J Sports Med** 1985 Mar;19(1):26

Stress fracture of the first rib. A case report. Lankenner PA Jr, et al. **J Bone Joint Surg [Am]** 1985 Jan;67(1):159–60

Bilateral first rib fractures induced by integral crash helmets. Hoekstra HJ, et al. **J Trauma** 1985 Jun;25(6):566–7

Metabolic bone disease in a patient on long-term total parenteral nutrition: a case report with review of literature. Seligman JV, et al. **JPEN** 1984 Nov–Dec;8(6):722–7

[Fractures of the first or second rib in chest injuries: report of 97 cases] Ou ZK, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Apr;23(4):227–9, 254 (Eng. Abstr.) **(Chi)**

[Fatigue fractures of the 1st rib and their combination with spontaneous pneumothorax] Bergmann L. **Z Erkr Atmungsorgane** 1984;163(1):75–9 (Eng. Abstr.) **(Ger)**

PATHOLOGY

[Delayed epipleural hematoma as a fatal complication following blunt chest injury] Reiter C, et al. **Wien Klin Wochenschr** 1985 Jun 7;97(12):535–7 (Eng. Abstr.) **(Ger)**

[Traumatic simultaneous bilateral fracture of the first rib] Villa I, et al. **Chir Ital** 1985 Apr;37(2):194–7 (Eng. Abstr.) **(Ita)**

PHYSIOPATHOLOGY

Rib fracture healing in experimental flail chest. Graeber GM, et al. **J Trauma** 1985 Sep;25(9):903–8

RADIOGRAPHY

Oblique rib views after blunt chest trauma: an unnecessary routine? [letter] **Br Med J [Clin Res]** 1984 Dec 15; 289(6459):1694–5

CT observation of rib abnormalities: spectrum of findings. Edelstein G, et al. **J Comput Assist Tomogr** 1985 Jan–Feb; 9(1):65–72

[Is the general thoracic image in suspected rib fracture adequate?] Moilanen A. **Rontgenpraxis** 1984 Jul; 37(7):269–71 **(Ger)**

[Pathological functional changes in the upper ribs] Andreeva VF, et al. **Vestn Rentgenol Radiol** 1984 Nov–Dec;(6):23–7 (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

False positive bone scan due to rib fractures following cardiac resuscitation. Rankin D. **Nucl Med Commun** 1984 Mar; 5(3):173–4

THERAPY

Thoracic epidural analgesia in the treatment of rib fractures. Abouhatem R, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:271–5

[Catheter peridural anesthesia in serial rib fractures] Weitermann D, et al. **Zentralbl Chir** 1985;110(14):897–8 **(Ger)**

RIBAVIRIN see under **RIBONUCLEOSIDES**

RIBITOL see under **SUGAR ALCOHOLS**

RIBOFLAVIN

Reversible photoreduction of flavin with bilirubin II. Knoblock E, et al. **Acta Vitaminol Enzymol** 1984; 6(4):313–24

Riboflavin requirement of gestating swine. Frank GR, et al. **J Anim Sci** 1984 Dec;59(6):1567–72

ADMINISTRATION & DOSAGE

Riboflavin requirement for growth, tissue saturation and maximal flavin-dependent enzyme activity in young rainbow trout (Salmo gairdneri) at two temperatures. Woodward B. **J Nutr** 1985 Jan;115(1):78–84

No effect of riboflavine, retinol, and zinc on prevalence of precancerous lesions of oesophagus. Randomised double-blind intervention study in high-risk population of China. Muñoz N, et al. **Lancet** 1985 Jul 20;2(8447):111–4

[Use of preparations of group B vitamins also at high dosage and by the parenteral route in a population of hospitalized patients] Paoletti V, et al. **Acta Vitaminol Enzymol** 1984; 6(4):355–61 **(Ita)**

ANALOGS & DERIVATIVES

Effect of riboflavin-butyrate on cardiac glutathione reductase affected by adriamycin. Hino Y, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Apr;31(2):139–45

Effects of riboflavin-2', 3', 4', 5'-tetrabutyrate on platelet function and plasma lipids. Endo Y, et al. **Jpn J Med** 1985 Feb;24(1):13–8

ANALYSIS

Adsorptive stripping voltammetry of riboflavin and other flavin analogues at the static mercury drop electrode. Wang J, et al. **Anal Chem** 1985 Jan;57(1):158–62

Liquid-chromatographic measurement of riboflavin in serum and urine with isoriboflavin as internal standard. Lambert WE, et al. **Clin Chem** 1985 Aug;31(8):1371–3

Improved liquid chromatographic determination of riboflavin in milk and dairy products. Ashoor SH, et al. **J Assoc Off Anal Chem** 1985 Jul–Aug;68(4):693–6

Simultaneous determination of thiamine and riboflavin in foods by liquid chromatography. Augustin J. **J Assoc Off Anal Chem** 1984 Sep–Oct;67(5):1012–5

Simultaneous determination of thiamine and riboflavin in enriched cereal based products by high-performance liquid chromatography using selective detection. Mauro DJ, et al. **J Chromatogr** 1984 Sep 7;299(1):281–7

Simultaneous analysis of thiamin and riboflavin in foods by high-performance liquid chromatography. Wimalasiri P, et al. **J Chromatogr** 1985 Jan 18;318(2):412–6

[The riboflavin (vitamin B2) content of milk] Van Renterghem R. **Arch Belg** 1984;42(5–6):339–48 (Eng. Abstr.) **(Dut)**

BIOSYNTHESIS

Possibility of diacetyl and related compounds as the 4-carbon compound necessary for the formation of riboflavin in Ashbya gossypii. Nakajima K, et al. **Acta Vitaminol Enzymol** 1984;6(4):271–82

Possibility of 2,4,5-triamino-6-hydroxypyrimidine as an intermediate in the pathway of riboflavin biosynthesis. Nakajima K, et al. **Acta Vitaminol Enzymol** 1985; 7(1–2):19–24

Studies on the 4-carbon compound needed for the formation of the O-xylene ring of riboflavin. Nakajima K. **Acta Vitaminol Enzymol** 1985;7(1–2):25–37

A kinetic study of the immediate nucleotide precursor of riboflavin in whole cells of Eremothecium ashbyii at rest. Nakajima K, et al. **Acta Vitaminol Enzymol** 1984; 6(3):189–99

Biosynthesis of riboflavin. An aliphatic intermediate in the formation of 6,7-dimethyl-8-ribityllumazine from pentose phosphate. Neuberger G, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):175–81

Biosynthesis of riboflavin in Bacillus subtilis: origin of the four-carbon moiety. Le Van Q, et al. **J Bacteriol** 1985 Jun; 162(3):1280–4

[Transcription of the riboflavin operon in Bacillus subtilis] Osina NK, et al. **Dokl Akad Nauk SSSR** 1985;282(3):737–40 **(Rus)**

BLOOD

Postnatal decline in pyridoxal phosphate and riboflavin. Accentuation by phototherapy. Rudolph N, et al. **Am J Dis Child** 1985 Aug;139(8):812–5

Haematological response to supplements of iron and riboflavin to pregnant and lactating women in rural Gambia. Powers HJ, et al. **Hum Nutr Clin Nutr** 1985 Mar; 39(2):117–29

Measurements of B1, B2, B6 status in children and their mothers attending a well-baby clinic in Bangkok. Changbumrung S, et al. **Int J Vitam Nutr Res** 1984; 54(2–3):149–59

[Determination of riboflavin in microquantities of blood] Chernyshov VG. **Lab Delo** 1985;(3):171–3 **(Rus)**

DIAGNOSTIC USE

Determination of compliance with riboflavin in an antidepressive therapy. Tinguely D, et al. **Arzneimittelforsch** 1985;35(2):536–8

Riboflavin use as a drug marker in Veterans Administration cooperative studies. Young LM, et al. **Controlled Clin Trials** 1984 Dec;5(4 Suppl):497–504

Development and evaluation of a new peroral test agent GA-test for assessment of gastric acidity. Ogata H, et al. **J Pharmacobiodyn** 1984 Sep;7(9):656–64

GENETICS

[Genetic control of riboflavin biosynthesis in Pichia guilliermondii yeasts. The detection of a new regulator gene RIB81] Shavlovskiĭ GM, et al. **Genetika (Moskva)** 1985 Mar;21(3):368–74 (Eng. Abstr.) **(Rus)**

METABOLISM

Susceptibility of riboflavin and vitamin A in breast milk to photodegradation and its implications for the use of banked breast milk in infant feeding. Bates CJ, et al, **Acta Paediatr Scand** 1985 Jan;74(1):40–4

Effects of exercise on riboflavin requirements: biological validation in weight reducing women. Belko AZ, et al. **Am J Clin Nutr** 1985 Feb;41(2):270–7

Drug absorption in spinal cord injury. Halstead LS, et al. **Arch Phys Med Rehabil** 1985 May;66(5):298–301

Relationship between changes in properties and contents of riboflavin derivatives of NADPH-cytochrome P-450 reductase in the liver microsomes of riboflavin-deficient rats. Hara T, et al. **J Biochem (Tokyo)** 1985 Feb; 97(2):473–82

A 13C-NMR study on the interaction of riboflavin with egg white riboflavin binding protein. Miura R, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):197–206

Does aging affect the intestinal transport of riboflavin? Said HM, et al. **Life Sci** 1985 Jan 7;36(1):69–73

Impaired intestinal absorption of riboflavin in experimental uremia. Vaziri ND, et al. **Nephron** 1985;41(1):26–9

Metabolism of riboflavin in rat and man. **Nutr Rev** 1984 Aug; 42(8):294–6 (5 ref.)

A metabolite of riboflavin binds to the 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) receptor. Kurl RN, et al. **Pharmacology** 1985;30(5):241–4

Roseoflavin inhibition of photoconidiation in a Trichoderma riboflavin auxotroph: indirect evidence for flavin requirement for photoreactions. Horwitz BA, et al. **Photochem Photobiol** 1984 Dec;40(6):763–9

[Bioavailability and pharmacokinetic analysis of riboflavin preparations on partially gastrotomized patients] Chen GS, et al. **Yao Hsueh Hsueh Pao** 1984 Mar;19(3):208–12 (Eng. Abstr.) **(Chi)**

[Methionine supplementation in the diet of the pregnant rat. 2. Riboflavin metabolism and hepatic concentration of water, lipid and protein.] Leclerc J, et al. **Int J Vitam Nutr Res** 1985;55(2):217–22 (Eng. Abstr.) **(Fre)**

[Effective intraluminal concentration of riboflavin and pyridoxine in various intestinal segments of the rat] Daniel H, et al. **Z Ernahrungswiss** 1984 Dec;23(4):255–62 (Eng. Abstr.) **(Ger)**

[Iron and vitamin B 2 metabolism in diffuse toxic goiter and acquired hypothyroidism in children] Zhukovskaia NL, et al. **Pediatriia** 1985 Feb;(2):40–2 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

A simple fluorimetric assay for pyridoxamine phosphate oxidase in erythrocyte haemolysates: effects of riboflavin supplementation and of glucose 6-phosphate dehydrogenase deficiency. Bates CJ, et al. **Hum Nutr Clin Nutr** 1985 Mar;39(2):107–15

Effects of riboflavin administration on the phospholipid metabolism of rat liver impaired with carbon tetrachloride. Horiuchi S, et al. **Int J Vitam Nutr Res** 1984;54(2–3):173–7

Effects of riboflavin supplementation and selenium source on selenium metabolism in the young pig. Parsons MJ, et al. **J Anim Sci** 1985 Feb;60(2):451–61

The riboflavin-sensitized photooxidation of horseradish apoperoxidase. Silva E, et al. **Radiat Environ Biophys** 1985; 24(1):57–61

PHYSIOLOGY

Physiology and biochemistry of riboflavin formation. Schlee D, et al. **Pharmazie** 1984 Dec;39(12):805–11 (139 ref.)

RADIATION EFFECTS

Study of a photo-induced lysozyme-riboflavin bond. Ferrer I, et al. **Radiat Environ Biophys** 1985;24(1):63–70

Comparison of the DNA-damaging property of photosensitised riboflavin via singlet oxygen (1O2) and superoxide radical O2–. mechanisms. Joshi PC. **Toxicol Lett** 1985 Aug;26(2–3):211–7

THERAPEUTIC USE

Glutaric aciduria type II: treatment with riboflavine, carnitine and insulin. Mooy PD, et al. **Eur J Pediatr** 1984 Dec; 143(2):92–5

Enzymology of the response of the carpal tunnel syndrome to riboflavin and to combined riboflavin and pyridoxine. Folkers K, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(22):7076–8

Ascorbic acid and riboflavin in the treatment of acute intoxication by paraquat. Schvartsman S, et al. **Vet Hum Toxicol** 1984 Dec;26(6):473–5

[Use of amopen foaming tablets in treating chronic endometriosis in cows] Elezov G, et al. **Vet Med Nauki** 1984;21(10):75–80 (Eng. Abstr.) **(Bul)**

[Effect of riboflavin (vitamin B2) on the serum bilirubin level in neonatal jaundice requiring exchange transfusion] Pataki L, et al. **Orv Hetil** 1984 Nov 4;125(45):2733–5 (Eng. Abstr.) **(Hun)**

[Effect of pyridoxine, riboflavin and glutamic acid on lysosomal hydrolase activity of the liver and kidney of rats with severe mechanical injuries] Kobylianskiĭ LN, et al. **Patol Fiziol Eksp Ter** 1985 Mar–Apr;(2):44–8 (Eng. Abstr.) **(Rus)**

TOXICITY

Role of hydrogen peroxide in riboflavin-sensitized photodynamic damage to cultured rat lenses. Jernigan HM Jr. **Exp Eye Res** 1985 Jul;41(1):121–9

URINE

Urinary lumichrome-level catabolites of riboflavin are due to microbial and photochemical events and not rat tissue enzymatic cleavage of the ribityl chain. Oka M, et al. **J Nutr** 1985 Apr;115(4):496–9

RIBOFLAVIN DEFICIENCY

BLOOD

Incidence of biochemical riboflavin deficiency in Nigerian pregnant women. Ajayi OA. **Hum Nutr Clin Nutr** 1985 Mar;39(2):149–53

Biochemical ariboflavinosis among Nigerian rural school children. Ajayi OA. **Hum Nutr Clin Nutr** 1984 Sep;

38(5):383-9

CHEMICALLY INDUCED

Development of riboflavin deficiency in alcohol-fed hamsters. Kim CI, et al. **Drug Nutr Interact** 1985; 3(2):99-107

COMPLICATIONS

[Effect of riboflavin deficiency and massive doses of vitamin C on carcinogenesis in the esophagus and liver in rats] Lin PZ. **Chung Hua Chung Liu Tsa Chih** 1985 May; 7(3):171-4 (Eng. Abstr.) (Chi)

DIET THERAPY

Efficacy of a food supplement in correcting riboflavin deficiency in pregnant Gambian women. Bates CJ, et al. **Hum Nutr Clin Nutr** 1984 Sep;38(5):363-74

ENZYMOLOGY

Relationship between changes in properties and contents of riboflavin derivatives of NADPH-cytochrome P-450 reductase in the liver microsomes of riboflavin-deficient rats. Hara T, et al. **J Biochem (Tokyo)** 1985 Feb; 97(2):473-82

ETIOLOGY

A reexamination of the composition of diets associated with pellagra. Carpenter KJ, et al. **J Nutr** 1985 May; 115(5):543-52

METABOLISM

Effects of pregnancy and riboflavin deficiency on some aspects of iron metabolism in rats. Powers HJ, et al. **Int J Vitam Nutr Res** 1984;54(2-3):179-83

Reduced and oxidized glutathione concentrations in the lenses of riboflavin-deficient rats. Horiuchi S, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Aug;30(4):401-3

Effects of riboflavin deficiency on metabolism of nitrosamines by rat liver microsomes. Wang T, et al. **JNCI** 1985 Jun; 74(6):1291-7

Effects of riboflavin deficiency upon prostaglandin biosynthesis in rat kidney. Pelliccione NJ, et al. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):349-58

OCCURRENCE

Riboflavin status of adolescents in southern China. Average intake of riboflavin and clinical findings. Lo CS. **Med J Aust** 1984 Nov 10;141(10):635-7

PREVENTION & CONTROL

Transient riboflavin depletion in preterm infants. Lucas A, et al. **Arch Dis Child** 1984 Sep;59(9):837-41

RIBOFLAVIN SYNTHASE see under **TRANSFERASES**

RIBONUCLEASE A see **RIBONUCLEASE, PANCREATIC**

RIBONUCLEASE, PANCREATIC

Peptide mapping of bovine pancreatic ribonuclease A by reverse-phase high-performance liquid chromatography. I. Application to the reduced and S-carboxymethylated protein. McWherter CA, et al. **Anal Biochem** 1984 Sep; 141(2):523-37

Sodium sulfite as an antioxidant in the acid hydrolysis of bovine pancreatic ribonuclease A. Swadesh JK, et al. **Anal Biochem** 1984 Sep;141(2):397-401

Protection of amide protons in folding intermediates of ribonuclease A measured by pH-pulse exchange curves. Brems DN, et al. **Biochemistry** 1985 Mar 26;24(7):1689-93

Influence of an extrinsic cross-link on the folding pathway of ribonuclease A. Conformational and thermodynamic analysis of cross-linked (lysine7-lysine41)-ribonuclease a. Lin SH, et al. **Biochemistry** 1984 Nov 6;23(23):5504-12

Energy difference associated with proline isomerization in ribonuclease A. Ihara S, et al. **Biochim Biophys Acta** 1985 Jul 18;830(1):109-12

Influence of deamidation(s) in the 67-74 region of ribonuclease on its refolding. Venkatesh YP, et al. **Int J Pept Protein Res** 1985 Jan;25(1):27-32

Methionyl----tyrosyl radical transitions initiated by Br2-. in peptide model systems and ribonuclease A. Prütz WA, et al. **Int J Radiat Biol** 1985 Feb;47(2):149-56

Renaturation of soluble and immobilized ribonuclease: are the polypeptide folding pathways for structure formation the same for soluble proteins and for proteins associated with a surface? Janolino VG, et al. **J Appl Biochem** 1985 Feb;7(1):33-7

Preliminary crystallographic data for cross-linked (lysine7-lysine41)-ribonuclease A. Weber PC, et al. **J Mol Biol** 1985 Feb 5;181(3):453

ANALYSIS

Conformational effects in the reversed-phase liquid chromatography of ribonuclease A. Cohen SA, et al. **Anal Biochem** 1985 Jan;144(1):275-84

On the fundamental role of the Glu 2- ... Arg 10+ salt bridge in the folding of isolated ribonuclease A S-peptide. Rico M, et al. **Biochem Biophys Res Commun** 1984 Sep 17; 123(2):757-63

CHEMICAL SYNTHESIS

Amino acids and peptides. XII. Synthesis of C-terminal decapeptide of bovine pancreatic ribonuclease A (RNase A) and its analogs and determination of their ability to reactivate Des(121-124) RNase A. Okada Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4585-92

IMMUNOLOGY

Prediction of strong antigenic determinant of seminalplasmin and ribonuclease from the amino acid sequence. Pandit MW. **Int J Pept Protein Res** 1985 Feb;25(2):197-9

METABOLISM

Mechanisms of irreversible thermoinactivation of enzymes. Zale SE, et al. **Ann NY Acad Sci** 1984;434:20-6

Surface modification of proteins. Activation of monomethoxy-polyethylene glycols by phenylchloroformates and modification of ribonuclease and superoxide dismutase. Veronese FM, et al. **Appl Biochem Biotechnol** 1985 Apr;11(2):141-52

Nuclear magnetic resonance and neutron diffraction studies of the complex of ribonuclease A with uridine vanadate, a transition-state analogue. Borah B, et al. **Biochemistry** 1985 Apr 9;24(8):2058-67

Intramolecular electron and proton transfer in proteins: CO2- reduction of riboflavin binding protein and ribonuclease A. Faraggi M, et al. **Biochemistry** 1985 Jun 18; 24(13):3273-9

Involvement of prolines-114 and -117 in the slow refolding phase of ribonuclease A as determined by isomer-specific proteolysis. Lin LN, et al. **Biochemistry** 1984 Nov 20; 23(24):5713-23

Influence of an extrinsic cross-link on the folding pathway of ribonuclease A. Kinetics of folding-unfolding. Lin SH, et al. **Biochemistry** 1985 May 21;24(11):2680-6

Folding of ribonuclease A from a partially disordered conformation. Kinetic study under transition conditions. Lynn RM, et al. **Biochemistry** 1984 May 22;23(11):2470-7

1H and 15N NMR investigation of the interaction of pyrimidine nucleotides with ribonuclease A. Hahn U, et al. **Eur J Biochem** 1985 Feb 1;146(3):705-12

The properties of the interaction between bovine pancreatic ribonuclease a and mononucleotides supports the existence of several binding sub-sites in the enzyme. Guasch A, et al. **Int J Biochem** 1984;16(10):1071-5

Chemical modification of ribonuclease A with 4-arsono-2-nitrofluorobenzene. Hummel CF, et al. **Int J Pept Protein Res** 1984 Jul;24(1):1-13

Kinetic studies on the cleavage of oligouridylic acids and poly U by bovine pancreatic ribonuclease A. Irie M, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):89-96

Glycation of amino groups in protein. Studies on the specificity of modification of RNase by glucose. Watkins NG, et al. **J Biol Chem** 1985 Sep 5;260(19):10629-36

A role of elementary interactions between nucleic-acid base and amino-acid side chains in specificity of ribonuclease. Takenaka A, et al. **Nucleic Acids Symp Ser** 1984;(15):113-6

Regulation of catabolism of ribonuclease A microinjected into human fibroblasts. Dice JF, et al. **Prog Clin Biol Res** 1985;180:385-94

Degradation of microinjected ribonuclease A and ribonuclease S-protein by lysosomal pathways. McElligott MA, et al. **Prog Clin Biol Res** 1985;180:471-3

[Topochemical aspects of pyrimidine specificity of ribonuclease A] Karpeĭskiĭ MIa, et al. **Bioorg Khim** 1983 Jun;9(6):803-14 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

RNase A effects on sedimentation and DNA binding properties of dexamethasone-receptor complexes from HeLa cell cytosol. Rossini GP. **J Steroid Biochem** 1985 Jan;22(1):47-56

RIBONUCLEASES

A semisynthetic bovine pancreatic ribonuclease containing a unique nitrotyrosine residue. Sasaki DM, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):132-40

13C NMR studies of the molecular dynamics of selectively 13C-enriched ribonuclease complexes. Hughes LT, et al. **Biochemistry** 1984 Sep 11;23(19):4390-4

High specificity of the cDNA-RNase assay to detect accurate splicing in vitro. Keohavong P, et al. **DNA** 1984 Aug; 3(4):331-8

Mammalian ribonucleases. The absence of a glycosylated Asn-Pro-Thr sequence in horse ribonuclease and the presence of tryptophan at position 39 in horse and dromedary ribonuclease. Beintema JJ. **FEBS Lett** 1985 Jun 3;185(1):115-20

NH resonances of Ribonuclease S-peptide in aqueous solution. Low temperature n.m.r. study. Nieto JL, et al. **Int J Pept Protein Res** 1985 Jan;25(1):47-55

Amide proton exchange used to monitor the formation of a stable alpha-helix by residues 3 to 13 during folding of ribonuclease S. Brems DN, et al. **J Mol Biol** 1984 Dec 25;180(4):1141-56

Protein normal-mode dynamics: trypsin inhibitor, crambin, ribonuclease and lysozyme. Levitt M, et al. **J Mol Biol** 1985 Feb 5;181(3):423-47

Effect of side chain-backbone electrostatic interactions on the stability of alpha-helices. Scheraga HA. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5585-7

Nature of the charged-group effect on the stability of the C-peptide helix. Shoemaker KR, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2349-53

[Structural and antigenic differences of pancreatic RNAse preparations modified by dextran ethers in an azo-combination reaction] Kurinenko BM, et al. **Biokhimiia** 1985 Apr;50(4):581-8 (Eng. Abstr.) (Rus)

ANALYSIS

Ribonuclease in different types of saliva from cystic fibrosis patients. Ceder O, et al. **Acta Paediatr Scand** 1985 Jan; 74(1):102-6

Choice of peptide and peptide length for the generation of antibodies reactive with the intact protein. Welling GW, et al. **FEBS Lett** 1985 Mar 11;182(1):81-4

Ribonuclease at pH5 in malignant pleural effusion. Dhar SN, et al. **Indian J Chest Dis Allied Sci** 1984 Jan-Mar;26(1):30-3

[Serum and urinary ribonuclease activity as a glomerular filtration function test] Yu DW. **Chung Hua Nei Ko Tsa Chih** 1984 Sep;23(9):554-7 (Eng. Abstr.) (Chi)

[Affinity chromatography of nucleases] Bannikova GE, et al. **Bioorg Khim** 1984 Mar;10(3):293-317 (95 ref.) (Eng. Abstr.) (Rus)

[Primary structure of tRNA2Leu of bovine mammary gland. Oligonucleotides of T1-RNAse hydrolysate. Reconstruction of a total nucleotide sequence] Tukalo MA, et al. **Bioorg Khim** 1984 Jan;10(1):58-67 (Eng. Abstr.) (Rus)

[Primary structure of tRNA2Leu from the bovine udder. Determination of the oligonucleotide structure of the pyrimidyl-RNAse hydrolysate of tRNA2Leu by microspectrophotometric methods] Tukalo MA, et al. **Bioorg Khim** 1984 Jan;10(1):50-7 (Eng. Abstr.) (Rus)

ANTAGONISTS & INHIBITORS

Inhibition of human serum RNase activity by aurine tricarboxylic acid polymer: effect on the antigen-antibody reaction. Kumar A, et al. **J Appl Biochem** 1984 Feb-Apr; 6(1-2):76-9

Ribonuclease activities in rat sympathetic ganglia: evidence for the presence of an endogenous inhibitor of alkaline ribonuclease. Bates DJ, et al. **Neurochem Res** 1985 May; 10(5):713-27

[Effect of RNAse inhibitors and activators on acetylcholine interaction with the cholinoreceptor in a tissue extract] Turpaev TM, et al. **Dokl Akad Nauk SSSR** 1985; 281(2):500-2 (Rus)

BIOSYNTHESIS

In vitro synthesis of pig pancreas ribonuclease. Carsana A, et al. **Biochim Biophys Acta** 1985 Jul 24;825(3):299-302

[Intracellular and extracellular ribonucleases of Bacillus intermedius] Sharipova FR, et al. **Mikrobiologiia** 1984 Jul-Aug;53(4):563-7 (Eng. Abstr.) (Rus)

[Effect of chloramphenicol and actinomycin D on extracellular alkaline RNAse biosynthesis by Bacillus intermedius] Znamenskaia LV, et al. **Mikrobiologiia** 1984 Sep-Oct;53(5):796-802 (Eng. Abstr.) (Rus)

BLOOD

A critical assessment of plasma alkaline ribonuclease as an indicator of protein nutritional status in infancy. Scott PH, et al. **Ann Clin Biochem** 1984 Sep;21 (Pt 5):357-62

Alkaline ribonuclease activity in maternal serum and in serum of newborns from birth up to thirty days of age. A study made with full-term appropriate-, full-term small- and preterm appropriate-for-gestational-age infants. Trindade CE, et al. **Biol Neonate** 1985;47(4):211-6

Sialic acid residues contribute to the heterogeneity of human serum ribonuclease: demonstration by isoelectric focusing and neuraminidase treatment of serum. Thomas JM, et al. **Clin Chim Acta** 1984 Sep 15;142(1):73-81

Combined evaluation of serum ribonuclease and ferritin: any advantages in pancreatic cancer diagnosis? Fabris C, et al. **Oncology** 1984;41(6):393-5

[Serum ribonuclease in rheumatic disease. I. Serum alkaline ribonuclease activities in rheumatic diseases, especially in malignant rheumatoid arthritis] Oribe M. **Fukuoka Igaku Zasshi** 1984 Sep;75(9):524-33 (Eng. Abstr.) (Jpn)

[Serum ribonuclease in rheumatic disease. II. Possible origin of alkaline ribonuclease from the vessels] Oribe M. **Fukuoka Igaku Zasshi** 1984 Sep;75(9):534-43 (Eng. Abstr.) (Jpn)

[The nature and clinical significance of human serum ribonuclease measured by using synthetic substrate] Honda S, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Jul; 81(7):1598-606 (Eng. Abstr.) (Jpn)

[Circulating immune complexes and ribonuclease and 5'-nucleotidase activity in the blood of women with threatened abortion treated with acupuncture-reflexotherapy] Ksendzov LI, et al. **Akush Ginekol (Mosk)** 1984 Dec;(12):36-7 (Eng. Abstr.) (Rus)

[Mechanisms of the effect of polyamines on the complex-forming ability of blood plasma ribonucleases] Garkavenko OS. **Vopr Onkol** 1985;31(7):105-9 (Eng. Abstr.) **(Rus)**

CHEMICAL SYNTHESIS

Synthesis and properties of an all-D model ribonuclease S-peptide. Corigliano-Murphy MA, et al. **Int J Pept Protein Res** 1985 Mar;25(3):225-31

GENETICS

Abnormal segregation of alkaline ribonuclease genes in cattle. Walawski K, et al. **Anim Blood Groups Biochem Genet** 1984; 15(2):85-8

IMMUNOLOGY

[Serum nucleases as nonspecific antiviral factors and their role in artificial anti-influenza immunity] Maksimovich MB. **Vopr Virusol** 1984 Nov-Dec;29(6):682-7 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Purification of chicken liver ribonucleases by affinity chromatography with UMP-Sepharose (nucleosides and nucleotides. LII). Miura K, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):4054-60

Purification and properties of bovine kidney ribonucleases. Niwata Y, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):923-34

METABOLISM

Ribonuclease activity associated with the 60S ribosome-inactivating proteins ricin A, phytolaccin and Shiga toxin. Obrig TG, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):879-84

5S RNA structure and interaction with transcription factor A. 1. Ribonuclease probe of the structure of 5S RNA from Xenopus laevis oocytes. Andersen J, et al. **Biochemistry** 1984 Nov 20;23(24):5752-9

5S RNA structure and interaction with transcription factor A. 2. Ribonuclease probe of the 7S particle from Xenopus laevis immature oocytes and RNA exchange properties of the 7S particle. Andersen J, et al. **Biochemistry** 1984 Nov 20;23(24):5759-66

The refolding of urea-denatured ribonuclease A is catalyzed by peptidyl-prolyl cis-trans isomerase. Fischer G, et al. **Biochim Biophys Acta** 1985 Mar 22;828(1):39-42

Human seminal ribonuclease. A tool to check the role of basic charges and glycosylation of a ribonuclease in the action of the enzyme on double-stranded RNA. Sorrentino S, et al. **Biochim Biophys Acta** 1985 Feb 4;827(2):135-9

Interaction between dimeric methionyl-tRNA synthetase and methionine accepting tRNAs from E. coli.-- Studies by partial ribonuclease digestion. Petersen HU, et al. **Biochimie** 1984 Sep-Oct;66(9-10):625-30

E. coli RNases: making sense of alphabet soup. Deutscher MP. **Cell** 1985 Apr;40(4):731-2 (28 ref.)

Amino acids and peptides. XII. Synthesis of C-terminal decapeptide of bovine pancreatic ribonuclease A (RNase A) and its analogs and determination of their ability to reactivate Des(121-124) RNase A. Okada Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4585-92

Amniotic fluid alkaline ribonuclease activity: an indicator of foetal growth retardation and anencephaly. Buamah PK, et al. **Clin Chim Acta** 1984 Nov 15;143(2):157-62

Regulation of ppp(A2'p)nA-dependent RNase levels during interferon treatment and cell differentiation. Krause D, et al. **Eur J Biochem** 1985 Feb 1;146(3):611-8

Reacquisition of quaternary structure by fully reduced and denatured seminal ribonuclease. Parente A, et al. **Eur J Biochem** 1985 Jun 3;149(2):381-7

A novel RNA digesting activity from commercial polynucleotide phosphorylase. Labuda D, et al. **FEBS Lett** 1985 Jan 7;179(2):213-6

Correlative variations of the free energies for enzyme-substrate complex formation and the transition-state stabilization for RNases. Yakovlev GI, et al. **FEBS Lett** 1984 Oct 1;175(2):356-8

Stereoelectronic effects in RNase-catalysed reactions of dinucleoside phosphate cleavage. Yakovlev GI, et al. **FEBS Lett** 1985 Jan 7;179(2):217-20

Intracellular nuclease activities of buffalo rumen bacterial population. Sinha PR, et al. **Folia Microbiol (Praha)** 1984; 29(4):337-42

Ribosomal ribonucleases in avian liver during estrogen-induced vitellogenin synthesis. Penttilä KE, et al. **J Steroid Biochem** 1985 Apr;22(4):559-61

The accessibility of phage MS2 RNA to structure specific nucleases in various conditions. Grechko VV, et al. **Mol Biol Rep** 1985 Apr;10(3):137-42

Protein--RNA interaction in the rat liver 5S rRNA-protein L5 complex studied by digestion with ribonucleases. Gross B, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2325-35

Kinetic circular dichroism shows that the S-peptide alpha-helix of ribonuclease S unfolds fast and refolds slowly. Labhardt AM. **Proc Natl Acad Sci USA** 1984 Dec; 81(24):7674-8

Degradation of microinjected ribonuclease A and ribonuclease S-protein by lysosomal pathways. McElligott MA, et al. **Prog Clin Biol Res** 1985;180:471-3

[Pattern of distribution of various metabolic parameters in healthy and pathologically changed cartilage] Hanschke M, et al. **Beitr Orthop Traumatol** 1984 Nov;31(11):555-60 (Eng. Abstr.) **(Ger)**

[Modification by azocombination of the catalytic properties of ribonucleases.] Kalacheva NV, et al. **Biokhimiia** 1985 Mar;50(3):406-11 (Eng. Abstr.) **(Rus)**

[Asparagine-dependent selective autofragmentation of protein exemplified by ribonuclease] Olekhnovich LP, et al. **Dokl Akad Nauk SSSR** 1985 Mar-Apr;281(1):217-20 **(Rus)**

[Enzymatic synthesis of tRNA fragments] Zhenodarova SM, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1181-93 (74 ref.) (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Characterization of a ribonuclease-sensitive nucleoside triphosphatase activity from HeLa nuclei. Richardson LV, et al. **Biochem J** 1985 Apr 15;227(2):503-10

Effect of ribonuclease on the physico-chemical properties of estrogen receptor. Thomas T, et al. **J Steroid Biochem** 1985 Jul;23(1):19-25

[Action of an enzyme complex on the reproduction of para-influenza virus type 1] Uzunova A, et al. **Acta Microbiol Bulg** 1985;16:86-9 (Eng. Abstr.) **(Bul)**

[Effect of ribonuclease on the development of experimental osteoporosis in animals of various ages] Podrušnjak JP, et al. **ZFA** 1984 Sep-Oct;39(5):271-3 (Eng. Abstr.) **(Ger)**

RADIATION EFFECTS

[The effect of oxygen on denaturation and aggregation of enzyme macromolecules during gamma-irradiation] Kharchenko LI, et al. **Radiobiologiia** 1984 Sep-Oct; 24(5):643-6 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

[Antitumor activity of ribonucleases] Kurinenko BM. **Eksp Onkol** 1985;7(2):3-8 (Eng. Abstr.) **(Rus)**

TOXICITY

[Differences in the cytotoxicity mechanisms of pancreatic and microbial ribonucleases] Kurinenko BM, et al. **Antibiot Med Biotekhnol** 1985 Apr;30(4):288-92 (Eng. Abstr.) **(Rus)**

RIBONUCLEIC ACID see **RNA**

RIBONUCLEOPROTEINS

Theoretical studies on protein-nucleic acid interactions. I. Interaction of positively charged amino acids with nucleic acid fragments. Kumar NV, et al. **Biopolymers** 1984 Oct; 23(10):1979-93

General organization of protein in HeLa 40S nuclear ribonucleoprotein particles. Lothstein L, et al. **J Cell Biol** 1985 May;100(5):1570-81

Arrangement of coiled ribonucleoprotein in influenza A virus particles. Yazaki K, et al. **J Electron Microsc (Tokyo)** 1984; 33(4):395-400

Ribonucleoprotein organization of eukaryotic RNA. XXXI. Structure of the U1 small nuclear ribonucleoprotein. Lin WL, et al. **J Mol Biol** 1984 Dec 25;180(4):947-60

ANALYSIS

Immunolocalization of the 100 kDa nucleolar protein during the mitotic cycle in CHO cells. Gas N, et al. **Biol Cell** 1985;53(3):209-18

Colocalization of U1 and U2 small nuclear RNPs by immunocytochemistry. Spector DL. **Biol Cell** 1984; 51(1):109-12

Electrophoretic analysis of HeLa cell and human liver nucleolar proteins and antigens. Spohn WH, et al. **Cancer Invest** 1985;3(4):307-20

Silver staining, immunofluorescence, and immunoelectron microscopic localization of nucleolar phosphoproteins B23 and C23. Spector DL, et al. **Chromosoma** 1984;90(2):139-48

Characterization of the prosome from Drosophila and its similarity to the cytoplasmic structures formed by the low molecular weight heat-shock proteins. Arrigo AP, et al. **EMBO J** 1985 Feb;4(2):399-406

Initiation factor eIF2 associated with non-polysomal poly(A)-containing messenger ribonucleoproteins of cryptobiotic gastrulae of Artemia salina. de Herdt E, et al. **Eur J Biochem** 1985 Sep 16;151(3):455-60

The effect of harmine on the localization of the nucleolar proteins C23 and B23. Seegers JC, et al. **Eur J Cell Biol** 1985 May;37:213-5

Co-localization of non-histone protein BA with U-snRNPs to the same regions of the cell nucleus. Bennett FC, et al. **Exp Cell Res** 1985 Apr;157(2):379-86

Localization and structure of snRNPs during mitosis. Immunofluorescent and biochemical studies. Reuter R, et al. **Exp Cell Res** 1985 Jul;159(1):63-79

Detection of beta-globin mRNA precursor in heterogeneous nuclear ribonucleoprotein associated with U1-RNP by using anti-RNP antibody. Wagatsuma M, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1727-35

Monoclonal antibody characterization of the C proteins of heterogeneous nuclear ribonucleoprotein complexes in vertebrate cells. Choi YD, et al. **J Cell Biol** 1984 Dec; 99(6):1997-204

Mapping nucleolar proteins with monoclonal antibodies. Kistler J, et al. **J Cell Biol** 1984 Dec;99(6):1981-8

Preferential nuclease digestion of the non-messenger sequences of HnRNA upon micrococcal nuclease digestion of HnRNP particles. Pironcheva GL, et al. **Microbios** 1984; 41(164):91-6

Abundant nuclear ribonucleoprotein form of CAD RNA. Sperling R, et al. **Mol Cell Biol** 1985 Mar;5(3):569-75

BIOSYNTHESIS

Mode of action of ribavirin: effect of nucleotide pool alterations on influenza virus ribonucleoprotein synthesis. Wray SK, et al. **Antiviral Res** 1985 Feb;5(1):29-37

Cortisone-induced small RNP tightly bound to chromatin. Konstantinova IM, et al. **FEBS Lett** 1984 Nov 19; 177(2):241-5

Small nuclear U-ribonucleoproteins in Xenopus laevis development. Uncoupled accumulation of the protein and RNA components. Fritz A, et al. **J Mol Biol** 1984 Sep 15;178(2):273-85

Synthesis of small nuclear ribonucleoprotein particles by the malarial parasite Plasmodium falciparum. Francoeur AM, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3635-9

BLOOD

Translationally associated helix-destabilizing activity in rabbit reticulocyte lysate. Liebhaber SA, et al. **J Biol Chem** 1984 Dec 25;259(24):15597-602

GENETICS

Inhibition of protein synthesis in vesicular stomatitis virus infected Chinese hamster ovary cells: role of virus mRNA-ribonucleoprotein particle. Rosen CA, et al. **Biochemistry** 1984 May 22;23(11):2407-11

Nuclear segregation of U2 snRNA requires binding of specific snRNP proteins. Mattaj IW, et al. **Cell** 1985 Jan; 40(1):111-8

Interaction of small nuclear ribonucleoproteins with simian virus 40 in CV-1 cells: is U2 snRNA involved in regulating replication? Savouret JF, et al. **DNA** 1984 Oct;3(5):365-76

Structure and evolution of the 7SL RNA component of the signal recognition particle. Gundelfinger ED, et al. **EMBO J** 1984 Oct;3(10):2325-32

Distribution of thyroid hormone-responsive translated products in rat liver polysome and postribosomal ribonucleoprotein populations. Carr FE, et al. **Endocrinology** 1984 Nov;115(5):1737-45

Transcription-dependent localization of U1 and U2 small nuclear ribonucleoproteins at major sites of gene activity in polytene chromosomes. Sass H, et al. **J Mol Biol** 1984 Dec 25;180(4):911-26

Cloning of cDNA sequences for an Artemia salina hnRNP protein: evidence for conservation through evolution. Cruz-Alvarez M, et al. **Nucleic Acids Res** 1985 Jun 11; 13(11):3917-30

Cloning of cDNA encoding a 100 kDa nucleolar protein (nucleoline) of Chinese hamster ovary cells. Lapeyre B, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5805-16

U1 RNA-protein complex preferentially binds to both 5' and 3' splice junction sequences in RNA or single-stranded DNA. Tatei K, et al. **Proc Natl Acad Sci USA** 1984 Oct; 81(20):6281-5

Translational control involving a novel cytoplasmic RNA and ribonucleoprotein. Sarkar S. **Prog Nucleic Acid Res Mol Biol** 1984;31:267-93 (76 ref.)

[Small cytoplasmic poly(A)+RNA, homologous to the B2 repetitive sequence of the mouse genome, is present in ribonucleoproteins] Tillib SV, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1639-50 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Detection of a 140 KDA nucleolar protein with an anti-PCNA autoantibody. Chan PK, et al. **Cell Biol Int Rep** 1985 Jan;9(1):61-8

Quantitation of anti-RNP and anti-Sm antibodies in MCTD and SLE patients by immunoblotting. Habets WJ, et al. **Clin Exp Immunol** 1985 Feb;59(2):457-66

Clinical profiles of patients with antibodies to nuclear ribonucleoprotein. Calderon J, et al. **Clin Rheumatol** 1984 Dec;3(4):483-92

Autoantibodies to ribonucleoprotein particles containing U2 small nuclear RNA. Habets W, et al. **EMBO J** 1985 Jun; 4(6):1545-50

5'-Terminal caps of snRNAs are reactive with antibodies specific for 2,2,7-trimethylguanosine in whole cells and nuclear matrices. Double-label immunofluorescent studies with anti-m3G antibodies and with anti-RNP and anti-Sm autoantibodies. Reuter R, et al. **Exp Cell Res** 1984 Oct; 154(2):548-60

Autoantibodies reactive with small ribonucleoprotein antigens: a convergence of molecular biology and clinical immunology. McNeilage LJ, et al. **J Clin Lab Immunol** 1984 Sep;15(1):1-17 (243 ref.)

A murine monoclonal antibody recognizes the 13,000 molecular weight polypeptide of the Sm small nuclear ribonucleoprotein complex. Billings PB, et al. **J Immunol** 1985 Jul;135(1):428-32

Splicing of Xenopus laevis ribosomal protein RNAs is inhibited in vivo by antisera to ribonucleoproteins containing U1 small nuclear RNA. Bozzoni I, et al. **J Mol Biol** 1984 Dec 25;180(4):1173-8

Actinomycin D inhibition of monoclonal antibody binding to nucleolar phosphoprotein 37/5.2 (B23). Busch RK, et al. **Life Sci** 1984 Oct 22;35(17):1777-85

Mammalian single-stranded DNA binding proteins and heterogeneous nuclear RNA proteins have common antigenic determinants. Valentini O, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):337-46

[Incidence of nuclear ribonucleoprotein antibodies in immunologic diseases] Pokorny G, et al. **Orv Hetil** 1984 Nov 25;125(48):2913-6, 2919 (Eng. Abstr.) **(Hun)**

ISOLATION & PURIFICATION

Isofocusing of antigenic small nuclear ribonucleoproteins. I. Compositional analysis. Okarma TB, et al. **Anal Biochem** 1985 May 15;147(1):27-37

Isofocusing of antigenic small nuclear ribonucleoproteins. II. Preparative isolation. Schrier WH, et al. **Anal Biochem** 1985 May 15;147(1):38-48

Characterization of the 42-S nucleoprotein particles of Cyprinus carpio oocytes. Villanueva J, et al. **Biochem Int** 1983 Oct;7(4):405-13

Release of ribonucleoprotein during digestion of rat testis chromatin with deoxyribonuclease II (3.1.4.6). Grimes SR Jr. **Comp Biochem Physiol [B]** 1984;78(3):633-41

The core proteins of 35S hnRNP complexes. Characterization of nine different species. Wilk HE, et al. **Eur J Biochem** 1985 Jan 2;146(1):71-81

Isolation and characterization of nuclear particles containing rapidly labelled hnRNA and snRNA in combination with a distinct set of polypeptides of Mr 74000 and 72000. Hatzoglou M, et al. **Exp Cell Res** 1985 Mar;157(1):227-41

Characterization of U small nuclear RNA-associated proteins. Billings PB, et al. **J Biol Chem** 1984 Oct 25; 259(20):12850-6

Purification of p53/55 kinase from nuclear ribonucleoproteins of Namalwa cells. Graham DA, et al. **Mol Cell Biochem** 1984 Aug;63(1):39-52 (65 ref.)

Isolation of the heterogeneous nuclear RNA-ribonucleoprotein complex (hnRNP): a unique supramolecular assembly. Choi YD, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7471-5

METABOLISM

Effects of progesterone on nuclear ribonucleoprotein constituents of endometrial cells of the rat. Echeverria OM, et al. **Acta Anat (Basel)** 1985;122(4):205-11

Identification of protein phosphatases dephosphorylating mRNP proteins from cryptobiotic gastrulae of the brine shrimp A. salina. Thoen C, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):84-90

12 S small nuclear ribonucleoprotein-associated acidic-and pyrimidine-specific endoribonuclease from calf thymus and L5178y cells. Bachmann M, et al. **Biochim Biophys Acta** 1984 Oct 5;783(1):89-99

Biosynthesis and cytoplasmic distribution of small poly(A)-containing B2 RNA. Kramerov DA, et al. **Biochim Biophys Acta** 1985 Feb 20;824(2):85-98

Immunolocalization of the 100 K nucleolar protein in CHO cells. Escande ML, et al. **Biol Cell** 1985;53(2):99-109

Stepwise assembly of a pre-mRNA splicing complex requires U-snRNPs and specific intron sequences. Frendewey D, et al. **Cell** 1985 Aug;42(1):355-67

A multicomponent complex is involved in the splicing of messenger RNA precursors. Grabowski PJ, et al. **Cell** 1985 Aug;42(1):345-53

Small nuclear RNA-protein complex anchors on the actin filaments in bovine lymphocyte nuclear matrix. Nakayasu H, et al. **Cell Struct Funct** 1984 Dec;9(4):317-25

Decrease in the phosphorylation of the proteins associated with heterogeneous nuclear RNA after the application of 3'-methyl-4-dimethylaminoazobenzene. Ramagli LS, et al. **Chem Biol Interact** 1984 Nov;52(1):51-66

Identification of a 60-kDa phosphoprotein that binds stored messenger RNA of Xenopus oocytes. Dearsly AL, et al. **Eur J Biochem** 1985 Jul 1;150(1):95-103

Structural aspects of intranuclear matrix disintegration upon RNase digestion of HeLa cell nuclei. Bouvier D, et al. **Eur J Cell Biol** 1985 Mar;36(2):323-33

Dynamic aspects of cytoplasmic poly(A)+ RNA of Tetrahymena pyriformis. De Carvalho EF, et al. **Exp Cell Res** 1985 Apr;157(2):429-40

In vitro reconstitution of messenger ribonucleoprotein particles from globin messenger RNA and cytosol proteins. Gaedigk R, et al. **FEBS Lett** 1985 Jan 7;179(2):201-7

Assignment of resonances of exchangeable protons in the NMR spectrum of the complex formed by Escherichia coli ribosomal protein L25 and uniformly nitrogen-15 enriched 5 S RNA fragment. Kime MJ. **FEBS Lett** 1984 Oct 1; 175(2):259-62

The relationship between polyribosomal and latent membrane-bound messenger ribonucleoprotein particles in Artemia embryos. Lake M. **Int J Biochem** 1984; 16(9):1015-22

The fate of heterogeneous nuclear ribonucleoprotein complexes during mitosis. Lahiri DK, et al. **J Biol Chem** 1985 Jan 10;260(1):598-603

Membrane-bound mRNAs are recruited from preinitiated ribonucleoprotein particles in injected Xenopus oocytes. Richter JD, et al. **J Biol Chem** 1985 Apr 10;260(7):4448-54

Signal recognition particle-dependent insertion of coronavirus E1, an intracellular membrane glycoprotein. Rottier P, et al. **J Biol Chem** 1985 Apr 25;260(8):4648-52

The nuclear binding of estradiol stimulates ribonucleoprotein transport in the rat uterus. Thampan RV. **J Biol Chem** 1985 May 10;260(9):5420-6

Alterations in chromatin conformation are accompanied by reorganization of nonchromatin domains that contain U-snRNP protein p28 and nuclear protein p107. Smith HC, et al. **J Cell Biol** 1985 Aug;101(2):560-7

Ribonucleoprotein organization of eukaryotic RNA. XXXII. U2 small nuclear RNA precursors and their accurate 3' processing in vitro as ribonucleoprotein particles. Wieben ED, et al. **J Mol Biol** 1985 May 5;183(1):69-78

Interactions of U1 RNP with heterogeneous nuclear RNA in rat Novikoff hepatoma nuclei. Harmon FR, et al. **Mol Cell Biochem** 1984 Nov;65(1):45-55

Reconstitution of functional mRNA-protein complexes in a rabbit reticulocyte cell-free translation system. Greenberg JR, et al. **Mol Cell Biol** 1985 Feb;5(2):342-51

Specific regions of beta-globin RNA are resistant to nuclease digestion in RNA-protein complexes in chicken reticulocyte nuclei. Patton JR, et al. **Mol Cell Biol** 1985 Jun;5(6):1220-8

Mg2+ induces a sharp and reversible transition in U1 and U2 small nuclear ribonucleoprotein configurations. Reveillaud I, et al. **Mol Cell Biol** 1984 Sep;4(9):1890-9

Identification of a nucleic acid helix-destabilizing protein from rat liver as lactate dehydrogenase-5. Williams KR, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5260-4

[Characteristics of non-nucleolar RNP structures in hepatocyte nuclei in the early stages of the stimulation of proliferation] Mantelfel'd VM, et al. **Tsitologiia** 1985 Jun; 27(6):619-27 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Induction of suppressor cells by a tumor-derived suppressor factor. Jessup JM, et al. **Cell Immunol** 1985 Jun;93(1):9-25

Prosomes are involved in the repression of [illegible] mRNA. Horsch A, et al. **Z Naturforsch [C]** 1985 May-Jun; 40(5-6):449-50

PHYSIOLOGY

In vitro inhibition of tubulin assembly by a ribonucleoprotein complex associated with the free ribosome fraction isolated from Xenopus laevis oocytes: effect at the level of microtubule-associated proteins. Jessus C, et al. **Cell Differ** 1984 Aug;14(3):179-87

Controlling roles for snurps [news] Turner P. **Nature** 1985 Jul 11-17;316(6024):105-6

RIBONUCLEOSIDE DIPHOSPHATE REDUCTASE see under **RIBONUCLEOTIDE REDUCTASES**

RIBONUCLEOSIDES

ADMINISTRATION & DOSAGE

Low-dose deoxycoformycin in lymphoid malignancy. Grever MR, et al. **J Clin Oncol** 1985 Sep;3(9):1196-201

Complete suppression of skin allograft rejection in rats treated with continuous infusion of 2'deoxycoformycin. Ruers TJ, et al. **Transplantation** 1985 Aug;40(2):137-42

ADVERSE EFFECTS

Phase I evaluation and pharmacokinetics of tiazofurin (2-beta-D-ribofuranosylthiazole-4-carboxamide, NSC 286193). Melink TJ, et al. **Cancer Res** 1985 Jun; 45(6):2859-65

Deoxycoformycin: a new chemotherapeutic agent of interest to dermatologists [letter] Camisa C, et al. **J Am Acad Dermatol** 1985 Jun;12(6):1108-9

ANALYSIS

Fast atom bombardment mass spectrometry and tandem mass spectrometry in antibiotics: identification of nucleoside antitumor antibiotic toyocamycin in fermentation broth. Tondeur Y, et al. **Biomed Mass Spectrom** 1984 Dec; 11(12):622-8

High-performance liquid chromatographic method for the analysis of purine and pyrimidine bases, ribonucleosides and deoxyribonucleosides in biological fluids. Boulieu R, et al. **J Chromatogr** 1985 May 3;339(2):380-7

Reversed-phase high-performance liquid chromatographic determination of tricyclic nucleoside and tricyclic nucleoside 5'-phosphate in biological specimens. Schilcher RB, et al. **J Chromatogr** 1985 Jan 11;337(1):55-62

BLOOD

Transport of deoxycoformycin in human erythrocytes. Measurement by adenosine deaminase titration and radioisotope assays. Chen SF, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):4069-79

Uptake of 2-beta-D-ribofuranosylthiazole-4-carboxamide (tiazofurin) and analogues by the facilitated transport mechanism of erythrocytes. Monks A, et al. **Cancer Lett** 1985 Aug;28(1):1-8

Elimination characteristics of bredinin from patients serum in hemodialysis. Takada K, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Apr;23(4):197-9

CHEMICAL SYNTHESIS

Mesoionic pyridazine ribonucleosides. A novel biologically active nucleoside metabolite. Bambury RE, et al. **J Med Chem** 1984 Dec;27(12):1613-21

Ribavirin, tiazofurin, and selenazofurin: mononucleotides and nicotinamide adenine dinucleotide analogues. Synthesis, structure, and interactions with IMP dehydrogenase. Gebeyehu G, et al. **J Med Chem** 1985 Jan;28(1):99-105

Synthesis of C-beta-D-ribofuranosylacetic acid derivatives and their utilization in the synthesis of some C-nucleosides. Katagiri N, et al. **Nucleic Acids Symp Ser** 1984;(15):37-40

ISOLATION & PURIFICATION

HPLC analysis of E. coli rRNA on ASAHIPAK GS-520 and nucleobases, nucleosides and nucleotides on ASAHIPAK GS-320. Yasukawa K, et al. **Nucleic Acids Symp Ser** 1984;(15):109-12

METABOLISM

Evidence that ribavirin is transported in Aedes albopictus cells by the nucleoside transport system. Sherwood A, et al. **Antiviral Res** 1984 Dec;4(6):317-24

Pharmacokinetics of tiazofurin in the plasma and cerebrospinal fluid of rhesus monkeys. Grygiel JJ, et al. **Cancer Res** 1985 May;45(5):2037-9

Phase I clinical study with pharmacokinetic analysis of 2-beta-D-ribofuranosylthiazole-4-carboxamide (NSC 286193) administered as a five-day infusion. Trump DL, et al. **Cancer Res** 1985 Jun;45(6):2853-8

5-Amino-4-imidazolecarboxamide riboside (Z-riboside) metabolism in eukaryotic cells. Sabina RL, et al. **J Biol Chem** 1985 May 25;260(10):6107-14

[Nutritive value of dietary ribonucleic acid and its nucleosides in growing rats on a diet deficient in nonessential amino acid nitrogen. 2. Effect of yeast RNA on body composition and weight gain and nitrogen metabolism] Greife HA, et al. **Zentralbl Veterinarmed [A]** 1984 Jul;31(6):454-66 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

Effects of deoxycoformycin in mice. III. A murine model reproducing multi-system pathology of human adenosine deaminase deficiency. Ratech H, et al. **Am J Pathol** 1985 Apr;119(1):65-72

Herpes simplex virus mutants resistant to arabinosyladenine in the presence of deoxycoformycin. Fleming HE Jr, et al. **Antimicrob Agents Chemother** 1984 Sep;26(3):382-7

Synergistic antiviral effects of ribavirin and the C-nucleoside analogs tiazofurin and selenazofurin against togaviruses, bunyaviruses, and arenaviruses. Huggins JW, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):476-80

Broad-spectrum synergistic antiviral activity of selenazofurin and ribavirin. Kirsi JJ, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):466-75

Effect of tiazofurin on tomato plants infected with tomato spotted wilt virus. Caner J, et al. **Antiviral Res** 1984 Dec; 4(6):325-31

Mode of action of ribavirin: effect of nucleotide pool alterations on influenza virus ribonucleoprotein synthesis. Wray SK, et al. **Antiviral Res** 1985 Feb;5(1):29-37

Effect of ribavirin triphosphate on primer generation and elongation during influenza virus transcription in vitro. Wray SK, et al. **Antiviral Res** 1985 Feb;5(1):39-48

Adenosine deaminase gene amplification in deoxycoformycin-resistant mammalian cells. Rowland P 3d, et al. **Arch Biochem Biophys** 1985 Jun;239(2):396-403

Unexpected increase in catecholamines in adrenals of rats treated with 3-deazaadenosine. Brown ND, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):924-

Inhibitor of 2',5'-oligoadenylate synthetase induced in human T lymphoblastoid cell line treated with deoxyadenosine, deoxycoformycin and interferon. Heike T, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):1019-25

Biochemical and antitumor activity of tiazofurin and its selenium analog (2-beta-D-ribofuranosyl-4-selenazolecarboxamide). Boritzki TJ, et al. **Biochem Pharmacol** 1985 Apr 1; 34(7):1109-14

Spontaneous epimerization of (S)-deoxycoformycin and interaction of (R)-deoxycoformycin, (S)-deoxycoformycin, and 8-ketodeoxycoformycin with adenosine deaminase. Schramm VL, et al. **Biochemistry** 1985 Jan 29;24(3):641-6

5,6-Dichlorobenzimidazole-1-beta-D-riboside, specific inhibitor of cytokinin activity in tobacco cell suspension cultures. Aké S, et al. **Biochimie** 1985 Jan;67(1):155-60

Effect of 2-beta-D-ribofuranosylthiazole-4-carboxamide on uptake of nucleosides by cultured L1210 cells. Karle JM, et al. **Cancer Lett** 1984 Aug;24(1):11-8

Enhancement of the differentiation-inducing properties of 6-thioguanine by hypoxanthine and its nucleosides in HL-60 promyelocytic leukemia cells. Ishiguro K, et al. **Cancer Res** 1985 Jan;45(1):91-5

2' Deoxycoformycin and human hemopoietic cells in culture. Jurjus AR, et al. **Dev Comp Immunol** 1984 Fall;8(4):931-7

Interaction of 3-deaza-adenosine, a phospholipid methyltransferase inhibitor, on the production of pluripoietins from human peripheral T cells. Fauser AA, et al. **Exp Hematol** 1985 May;13(4):299-303

Examination of the mode of action of ribavirin against tobacco mosaic virus. Dawson WO, et al. **Intervirology** 1984;22(2):77-84

Adenosine deaminase inhibitors enhance cerebral anoxic hyperemia in the rat. Phillis JW, et al. **J Cereb Blood Flow Metab** 1985 Jun;5(2):295-9

Modulation of nicotinamide adenine dinucleotide and poly(adenosine diphosphoribose) metabolism by the synthetic 'C' nucleoside analogs, tiazofurin and selenazofurin. A new strategy for cancer chemotherapy. Berger NA, et al. **J Clin Invest** 1985 Feb;75(2):702-9

Efficacy of pyrazolopyrimidine ribonucleosides against Trypanosoma cruzi: studies in vitro and in vivo with sensitive and resistant strains. Berens RL, et al. **J Infect Dis** 1984 Oct;150(4):602-8

Potential inhibitors of S-adenosylmethionine-dependent methyltransferases. 8. Molecular dissections of carbocyclic 3-deazaadenosine as inhibitors of S-adenosylhomocysteine hydrolase. Houston DM, et al. **J Med Chem** 1985 Apr; 28(4):467-71

Synthesis and biological activity of 6-azacadeguomycin and certain 3,4,6-trisubstituted pyrazolo[3,4-d]pyrimidine ribonucleosides. Petrie CR 3d, et al. **J Med Chem** 1985 Aug;28(8):1010-6

The transmethylations inhibitor 3-deazaadenosine, inhibits in vitro testosterone production by rat testis interstitial cells stimulated with HCG. Llanos MN, et al. **J Steroid Biochem** 1985 Jul;23(1):73-6

Ribavirin suppresses replication of lymphadenopathy-associated virus in cultures of human adult T lymphocytes. McCormick JB, et al. **Lancet** 1984 Dec 15;2(8416):1367-9

The relative sensitivity of peripheral blood T-lymphocyte colony forming cells and bone marrow CFU-GM to deoxyadenosine and 2'deoxycoformycin. Russell NH, et al. **Leuk Res** 1985;9(2):315-9

Action of tubercidin and other adenosine analogs on Schistosoma mansoni schistosomules. Dovey HF, et al. **Mol Biochem Parasitol** 1985 Aug;16(2):185-98

3-Deazaadenosine-induced disorganization of macrophage microfilaments. Stopford CR, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4060-4

Effects of adenosine deaminase inhibitor 2'-deoxycoformycin on the repair and expression of potentially lethal damage sensitive to beta-araA. Iliakis G, et al. **Radiat Environ Biophys** 1985;24(2):81-8

Inhibitory effect of 3-deazaadenosine on the thromboplastin response of stimulated human monocytes. Hetland O, et al. **Thromb Res** 1985 Jan 1;37(1):135-43

3-Deazaadenosine and L-homocysteine inhibit human platelet activation induced by arachidonic acid, U46619 and phospholipase C. Huzoor-Akbar, et al. **Thromb Res** 1984 Nov 15;36(4):369-76

[Effect of AICAriboside on the protection of the ischemic myocardium and its mechanism of action] Shi AY. **Sheng Li Ko Hsueh Chin Chan** 1985 Apr;16(2):171-3 **(Chi)**

[Problems of antineoplastic effects by PLDR (potential lethal damage repair) inhibitor--pharmacokinetics] Sougawa M, et al. **Gan No Rinsho** 1984 Nov;30(14):1787-92 (Eng. Abstr.) **(Jpn)**

[Sensitivity to remantadine and ribavirin of influenza A virus resistant to 2-(1'-aminoethyl)-bicyclo(2.2.1)heptane hydrochloride] Gribkova NV, et al. **Vopr Virusol** 1984 Sep-Oct;29(5):619-21 **(Rus)**

PHYSIOLOGY

Effect of 5'-methylthioadenosine, 3-deazaadenosine, and related compounds on human natural killer cell activity. Relation to cyclic AMP and methylation potential. Fredholm BB, et al. **Scand J Immunol** 1984 Dec;20(6):511-8

THERAPEUTIC USE

Application of mizoribine after keratoplasty and in the treatment of uveitis. Nakajima A, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):161-3

Ribavirin small-particle aerosol treatment of infections caused by influenza virus strains A/Victoria/7/83 (H1N1) and B/Texas/1/84. Gilbert BE, et al. **Antimicrob Agents Chemother** 1985 Mar;27(3):309-13

Enhanced efficacy of liposome-encapsulated ribavirin against Rift Valley fever virus infection in mice. Kende M, et al. **Antimicrob Agents Chemother** 1985 Jun;27(6):903-7

Treatment of influenza A (H1N1) virus infection with ribavirin aerosol. Wilson SZ, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):200-3

Successful chemotherapy with deoxycoformycin in adult T-cell lymphoma-leukaemia. Daenen S, et al. **Br J Haematol** 1984 Dec;58(4):723-7

Treatment of multiple myeloma with deoxycoformycin. Belch AR, et al. **Cancer Chemother Pharmacol** 1985; 14(1):49-52

Pediatric phase I trial and pharmacokinetic study of tiazofurin (NSC 286193). Balis FM, et al. **Cancer Res** 1985 Oct; 45(10):5169-72

Influence of ribose, adenosine, and 'AICAR' on the rate of myocardial adenosine triphosphate synthesis during reperfusion after coronary artery occlusion in the dog. Mauser M, et al. **Circ Res** 1985 Feb;56(2):220-30

Treatment of viral myocarditis with ribavirin in an animal preparation. Matsumori A, et al. **Circulation** 1985 Apr; 71(4):834-9

Effect of mizoribine on lupus nephropathy of New Zealand black/white F1 hybrid mice. Kamata K, et al. **Clin Immunol Immunopathol** 1984 Oct;33(1):31-8

Action of 2-beta-D-ribofuranosylthiazole-4-carboxamide (tiazofurin) against untreated human ovarian cancers in the murine xenograft assay. Micha JP, et al. **Gynecol Oncol** 1985 Jul;21(3):351-5

Experience with the use of mizoribine in human renal transplantation. Dohi K, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):809-12

Adenosine and diltiazem. A new therapeutic concept in the treatment of intestinal ischemia. Seemann WR, et al. **Invest Radiol** 1985 Mar-Apr;20(2):166-70

Evaluation of ribavirine in acute viral hepatitis. Durairaj A, et al. **J Assoc Physicians India** 1984 Sep;32(9):789-91

Relationships between the cytotoxicity of tiazofurin and its metabolism by cultured human lung cancer cells. Carney DN, et al. **J Clin Invest** 1985 Jan;75(1):175-82

Hairy-cell leukemia: induction of complete remission with pentostatin (2'-deoxycoformycin). Spiers AS, et al. **J Clin Oncol** 1984 Dec;2(12):1336-42

Synthesis and biological activity of 5-thiobredinin and certain related 5-substituted imidazole-4-carboxamide ribonucleosides. Wood SG, et al. **J Med Chem** 1985 Sep; 28(9):1198-203

Comparison of the cellular and RNA-dependent effects of sangivamycin and toyocamycin in human colon carcinoma cells. Cohen MB, et al. **Mol Pharmacol** 1985 Mar; 27(3):349-55

T-cell chronic lymphocytic leukaemia: anomalous cell markers, variable morphology, and marked responsiveness to pentostatin (2'-deoxycoformycin). Spiers AS, et al. **Scand J Haematol** 1985 Jan;34(1):57-67

What's new in the treatment of viral respiratory infections in children. Part II. Chonmaitree T, et al. **Tex Med** 1985 Feb;81(2):43-4 (19 ref.)

Ribavirin aerosol treatment of influenza B virus infection. McClung HW, et al. **Trans Assoc Am Physicians** 1983; 96:284-93

Anti-leishmanial effect of allopurinol ribonucleoside and the related compounds, allopurinol, thiopurinol, thiopurinol ribonucleoside, and of formycin B, sinefungin and the lepidine WR6026. Neal RA, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):122-8

[Clinical application of bredinin] Aso Y, et al. **Nippon Rinsho** 1985 Jan;43(1):136-40 **(Jpn)**

[Ribamidil as a modulator of the toxic effect of 5-fluorouracil] Lobova TG, et al. **Eksp Onkol** 1985; 7(1):58-60 (Eng. Abstr.) **(Rus)**

TOXICITY

Morphological alterations in blood and bone marrow of ribavirin-treated monkeys. Cosgriff TM, et al. **Acta Haematol (Basel)** 1984;72(3):195-200

Morphological changes in leukemic lymphoblasts and normal lymphocytes treated with deoxyadenosine plus deoxycoformycin. Matsumoto SS, et al. **Cancer Invest** 1985; 3(3):225-33

Anti-parasite activity of nucleoside analogues in Leishmania tropica promastigotes. Wataya Y, et al. **Nucleic Acids Symp Ser** 1984;(15):69-71

[Long-term toxicological studies with mizoribine (Bredinin) in beagle dogs (the second report). Pathological studies on visceral organs] Okudaira M, et al. **J Toxicol Sci** 1985 Feb;10(1):51-65 (Eng. Abstr.) **(Jpn)**

[Long-term toxicological studies with mizoribine (Bredinin) in beagle dogs (the first report). Blood chemistries, pharmacokinetics of mizoribine and fertility studies of the male dogs] Uchida H, et al. **J Toxicol Sci** 1985 Feb; 10(1):35-49 (Eng. Abstr.) **(Jpn)**

[Ribamidyl (ribavirin) as a modulator of the biological action of arabinosylcytosine and methotrexate] Lobova TG, et al. **Eksp Onkol** 1985;7(3):63-5 (Eng. Abstr.) **(Rus)**

URINE

Transfer RNA breakdown products in the urine of asbestos workers. Fischbein A, et al. **Cancer Detect Prev** 1984; 7(4):247-52

RIBONUCLEOTIDE REDUCTASES

Identification of the stable free radical tyrosine residue in ribonucleotide reductase. A sequence comparison. Sjöberg BM, et al. **FEBS Lett** 1985 Apr 8;183(1):99-102

ANALYSIS

An assay for ribonucleotide reductase based on ion-exchange chromatography of the reaction product. Narine DR, et al. **Anal Biochem** 1985 Mar;145(2):331-8

A comparison of ribonucleotide reductase activities in normal human fibroblast strains with their transformed counterparts. Tagger AY, et al. **Enzyme** 1984;32(3):142-8

Ribonucleotide reductase and thymidine kinase activities in various cultured cell lines derived from hematologic malignancies. Takeda E, et al. **Gann** 1984 Sep;75(9):816-23

Cell cycle-dependent regulation of mammalian ribonucleotide reductase. The S phase-correlated increase in subunit M2 is regulated by de novo protein synthesis. Eriksson S, et al. **J Biol Chem** 1984 Oct 10; 259(19):11695-700

Subunit M2 of mammalian ribonucleotide reductase. Characterization of a homogeneous protein isolated from M2-overproducing mouse cells. Thelander M, et al. **J Biol Chem** 1985 Mar 10;260(5):2737-41

Herpes simplex virus ribonucleotide reductase induced in infected BHK-21/C13 cells: biochemical evidence for the existence of two non-identical subunits, H1 and H2. Cohen EA, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):733-45

The ribonucleotide reductase induced by herpes simplex virus type 1 involves minimally a complex of two polypeptides (136K and 38K). Frame MC, et al. **J Gen Virol** 1985 Jul; 66 (Pt 7):1581-7

ANTAGONISTS & INHIBITORS

Inhibition of ribonucleotide reductase and L1210 cell growth by N-hydroxy-N'-aminoguanidine derivatives. Cory JG, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2645-50

Inhibition of ribonucleotide reductase by antitumor agents related to levodopa and dopamine. FitzGerald GB, et al. **Biochem Pharmacol** 1985 Feb 1;34(3):353-60

Can ribonucleotide reductase be considered as an effective target for developing antiherpes simplex virus type II (HSV-2) compounds? Nutter LM, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):777-80

Mechanism of inactivation of Escherichia coli and Lactobacillus leichmannii ribonucleotide reductases by 2'-chloro-2'-deoxynucleotides: evidence for generation of 2-methylene-3(2H)-furanone. Harris G, et al. **Biochemistry** 1984 Oct 23;23(22):5214-25

Inhibition of ribonucleotide reductase by caracemide. Moore EC, et al. **Cancer Treat Rep** 1984 Oct;68(10):1293-4

Herpes simplex type 1 ribonucleotide reductase. Mechanism studies with inhibitors. Spector T, et al. **J Biol Chem** 1985 Jul 25;260(15):8694-7

The inhibition of ribonucleoside diphosphate reductase by hydroxyurea, guanazole and pyrazoloimidazole (IMPY). Moore EC, et al. **Pharmacol Ther** 1985;27(2):167-96 (265 ref.)

Potentiation of antiherpetic activity of acyclovir by ribonucleotide reductase inhibition. Spector T, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4254-7

BIOSYNTHESIS

Overproduction of the B1 subunit of ribonucleotide reductase with gene amplification. Larsson A. **Acta Chem Scand [B]** 1984;38(10):905-7

1 alpha,25-Dihydroxyvitamin D3 enables regenerating liver cells to make functional ribonucleotide reductase subunits and replicate DNA in thyroparathyroidectomized rats. Youdale T, et al. **Can J Biochem Cell Biol** 1985 May; 63(5):319-24

Vaccinia virus-induced ribonucleotide reductase can be distinguished from host cell activity. Slabaugh MB, et al. **J Virol** 1984 Nov;52(2):501-6

Vaccinia virus induces ribonucleotide reductase in primate cells. Slabaugh MB, et al. **J Virol** 1984 Nov;52(2):507-14

GENETICS

Protein B1 of ribonucleotide reductase. Direct analytical data and comparisons with data indirectly deduced from the nucleotide sequence of the Escherichia coli nrdA gene. Sjöberg BM, et al. **Eur J Biochem** 1985 Aug 1;150(3):423-7

Assignment of the structural gene for subunit M1 of human ribonucleotide reductase to the short arm of chromosome 11. Engström Y, et al. **Exp Cell Res** 1985 Jun;158(2):477-83

Mutationally altered ribonucleotide reductase from Escherichia coli: characterization of mutations isolated on multicopy plasmids. Platz A, et al. **J Bacteriol** 1984 Dec; 160(3):1010-6

Cloned mouse ribonucleotide reductase subunit M1 cDNA reveals amino acid sequence homology with Escherichia coli and herpesvirus ribonucleotide reductases. Caras IW, et al. **J Biol Chem** 1985 Jun 10;260(11):7015-22

The small subunit of ribonucleotide reductase is encoded by one of the most abundant translationally regulated maternal RNAs in clam and sea urchin eggs. Standart NM, et al. **J Cell Biol** 1985 Jun;100(6):1968-76

DNA-fork displacement rates in cultured mammalian cells with mutations in ribonucleotide reductase. Gjerset RA, et al. **Mutat Res** 1985 Apr;142(4):199-202

[Characteristics and physical mapping of the gene of the herpes simplex virus that controls ribonucleotide reductase activity] Dutia BM, et al. **Vopr Virusol** 1984 Nov-Dec; 29(6):730-6 **(Rus)**

IMMUNOLOGY

Immunologic characterization of herpes simplex virus type 2 antigens ICP10 and ICSP11/12. Flanders RT, et al. **Virus Res** 1985 Apr;2(3):245-60

ISOLATION & PURIFICATION

Ribonucleotide reductase of herpes simplex virus type 2 resembles that of herpes simplex virus type 1. Averett DR, et al. **J Virol** 1984 Dec;52(3):981-3

METABOLISM

Ribonucleotide reductase and deoxyribonucleotide pools. Reichard P. **Basic Life Sci** 1985;31:33-45 (27 ref.)

Sedimentation analysis of ribonucleotide reductase activity in extracts of Pseudomonas stutzeri. Holt RG, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):1040-50

Uridine diphosphate reductase of Ehrlich ascites tumor is insensitive to hydroxyurea. Murayama J, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1104–8

Is ribonucleotide reductase in Ehrlich ascites mammary tumour cells the target of a growth inhibitor purified from bovine mammary gland? Langen P, et al. **Biomed Biochim Acta** 1984;43(12):1377–83

Changes in the cytoplasmic and nuclear activities of the ribonucleotide reductase holoenzyme and its subunits in regenerating liver cells in normal and thyroparathyroidectomized rats. Youdale T, et al. **Can J Biochem Cell Biol** 1984 Sep;62(9):914–9

Nucleoside 5'–triphosphate analogs as positive and negative effectors of mammalian ribonucleotide reductase. Cory JG, et al. **Cancer Biochem Biophys** 1985 Jun;8(1):23–8

Ribonucleotide reductase activity and deoxyribonucleoside triphosphate metabolism during the cell cycle of S49 wild–type and mutant mouse T–lymphoma cells. Albert DA, et al. **J Biol Chem** 1985 Jan 10;260(1):679–84

Cell cycle–dependent expression of mammalian ribonucleotide reductase. Differential regulation of the two subunits. Engström Y, et al. **J Biol Chem** 1985 Aug 5; 260(16):9114–6

Regulation of a ribonucleoside reductase during the early generative phase in Acetabularia. de Groot EJ, et al. **J Cell Sci** 1985 Feb;73:1–5

Enzymic ribonucleoside reduction at the non–phosphorylated level in Acetabularia. de Groot EJ, et al. **J Cell Sci** 1985 Feb;73:7–18

Nature and properties of mammalian ribonucleoside diphosphate reductase. Nutter LM, et al. **Pharmacol Ther** 1984;26(2):191–207 (102 ref.)

PHYSIOLOGY

[Ribonucleotide reductase complex] Przybyszewski WM. **Postepy Biochem** 1983;29(3–4):321–33 (93 ref.) **(Pol)**

RIBONUCLEOTIDES

Conformations of bound nucleoside triphosphate effectors in aspartate transcarbamylase. Evidence for the London–Schmidt model by transferred nuclear Overhauser effects. Banerjee A, et al. **Biochemistry** 1985 Mar 26; 24(7):1593–8

Ultraviolet resonance Raman excitation profiles of nucleic acid bases with excitation from 200 to 300 nanometers. Kubasek WL, et al. **Proc Natl Acad Sci USA** 1985 Apr; 82(8):2369–73

ANALYSIS

Ribonucleoside and deoxyribonucleoside triphosphate pools during 2–aminopurine mutagenesis in T4 mutator–, wild type–, and antimutator–infected Escherichia coli. Hopkins RL, et al. **J Biol Chem** 1985 Jun 10;260(11):6618–22

Reversed–phase high–performance liquid chromatographic determination of tricyclic nucleoside and tricyclic nucleoside 5'–phosphate in biological specimens. Schilcher RB, et al. **J Chromatogr** 1985 Jan 11;337(1):55–62

[Separation and analysis of ribonucleotide mixtures by anion exchange high performance liquid chromatography] Blokhin DIu, et al. **Bioorg Khim** 1983 May;9(5):673–7 (Eng. Abstr.) **(Rus)**

[Separation of natural ribonucleoside triphosphates and their determination in an acid–soluble cell fraction by anion exchange high performance liquid chromatography] Korbukh IA, et al. **Bioorg Khim** 1983 Dec;9(12):1644–9 (Eng. Abstr.) **(Rus)**

BLOOD

Discrepancies in ribonucleotide concentrations in human lymphocytes isolated from heparinized and defibrinized blood. De Abreu RA, et al. **Clin Chim Acta** 1985 Feb 15; 145(3):349–55

Erythrocytic organic phosphates: diel and seasonal cycles in the frog, Rana berlandieri. Hutchison VH, et al. **Comp Biochem Physiol** [A] 1984;79(4):533–8

Hemoglobin, hematology, intraerythrocytic phosphates and whole blood Bohr effect from lotic and lentic Hypostomus regani populations (São Paulo–Brasil). Val AL, et al. **Comp Biochem Physiol** [B] 1985;80(4):737–41

CHEMICAL SYNTHESIS

Synthesis and in vitro biological evaluation of N–[(5–amino–1–beta–D–ribofuranosyl–1H–imidazol–4–yl) (hydroxynitrosamino)–L–alanine (L–alanosine AICO ribonucleoside). Strazzolini P, et al. **J Med Chem** 1984 Oct; 27(10):1295–9

DEFICIENCY

Functional impairment of T–lymphocytes in mouse radiation chimeras by a nucleotide–free diet. Kulkarni SS, et al. **Exp Hematol** 1984 Oct;12(9):694–9

ISOLATION & PURIFICATION

Separation of nucleotides by high–voltage capillary electrophoresis. Tsuda T, et al. **J Appl Biochem** 1983 Aug–Oct;5(4–5):330–6

Preparation of RPC–5 like resin for HPLC (Neosorb LC) and its use for the separation of oligonucleotides and mononucleotides. Sawai H. **Nucleic Acids Symp Ser** 1984; (15):105–8

METABOLISM

Location of DNA and nucleotide binding sites on wheat germ RNA polymerase II. Bateman E, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):569–76

Studies directed toward testing the 'channeling' hypothesis—ribonucleotides——DNA in leukemia L1210 cells. Chiba P, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):656–62

Specificity of the proton adenosinetriphosphatase of Escherichia coli for adenine, guanine, and inosine nucleotides in catalysis and binding. Perlin DS, et al. **Biochemistry** 1984 Oct 9;23(21):4998–5003

Some properties of the nucleotide–binding site of troponin T kinase–casein kinase type II from skeletal muscle. Risnik VV, et al. **Biochim Biophys Acta** 1984 Oct 23;790(2):108–16

Specificity of inhibitors of poly(ADP–ribose) synthesis. Effects on nucleotide metabolism in cultured cells. Hunting DJ, et al. **Mol Pharmacol** 1985 Aug;28(2):200–6

PHARMACODYNAMICS

Nucleoside 5'–triphosphate analogs as positive and negative effectors of mammalian ribonucleotide reductase. Cory JG, et al. **Cancer Biochem Biophys** 1985 Jun;8(1):23–8

Interaction of formycin A–5'–triphosphate with pyruvate carboxylase. Attwood PV, et al. **FEBS Lett** 1984 Sep 17; 175(1):45–50

Effect of nucleotides on the incorporation of myo–inositol into phosphatidylinositol in rat liver microsomes. Zborowski J, et al. **Int J Biochem** 1984;16(12):1367–71

DNA primase–DNA polymerase alpha from simian cells. Modulation of RNA primer synthesis by ribonucleoside triphosphates. Yamaguchi M, et al. **J Biol Chem** 1985 May 25;260(10):6254–63

Inhibitory effect of 5,6–dichloro–1–beta–D–ribofuranosylbenzimidazole on a protein kinase. Zandomeni R, et al. **J Biol Chem** 1984 Dec 10;259(23):14804–11

Antileishmanial activity of human red blood cells containing formycin A. Berman JD, et al. **J Infect Dis** 1985 Apr; 151(4):698–703

Influence of phosphatase inhibitors and nucleotides on [3H]dexamethasone binding in cytosol of human placenta. Heller C, et al. **J Steroid Biochem** 1984 Oct;21(4):381–6

RADIATION EFFECTS

Resonance Raman spectra of mononucleotides obtained with 266 and 213 nm ultraviolet radiation. Ziegler LD, et al. **Biopolymers** 1984 Oct;23(10):2067–81

THERAPEUTIC USE

Adenosine and diltiazem. A new therapeutic concept in the treatment of intestinal ischemia. Seemann WR, et al. **Invest Radiol** 1985 Mar–Apr;20(2):166–70

RIBOSE

Affinity labeling of the myosin ATPase with ribose–modified fluorescent nucleotides and vanadate. Hiratsuka T. **J Biochem (Tokyo)** 1984 Jul;96(1):147–54

ANALYSIS

Empirical 13C–n.m.r.–correlations between the Escherichia coli K 13 and LP 1092 capsular polysaccharides and model oligosaccharides containing D–ribose and 3–deoxy–D–manno–2–octulosonic acid. Neszmélyi A, et al. **Carbohydr Res** 1985 Jun 15;139:13–22

METABOLISM

A signal sequence mutant defective in export of ribose–binding protein and a corresponding pseudorevertant isolated without imposed selection. Iida A, et al. **EMBO J** 1985 Jul;4(7):1875–80

Enzymatic coupled assay procedures that employ high–performance liquid chromatography: the synthesis of orotidylate from ribose. Ashton RW, et al. **J Chromatogr** 1984 Dec 28;317:245–50

[The eukaryotic elongation factor EF–2 loses its nonspecific affinity for RNA as a result of ADP ribosylation] Bezlepkina TA, et al. **Dokl Akad Nauk SSSR** 1984; 278(3):751–4 **(Rus)**

PHARMACODYNAMICS

Ribose accelerates the repletion of the ATP pool during recovery from reversible ischemia of the rat myocardium. Zimmer HG, et al. **J Mol Cell Cardiol** 1984 Sep;16(9):863–6

THERAPEUTIC USE

Influence of ribose, adenosine, and 'AICAR' on the rate of myocardial adenosine triphosphate synthesis during reperfusion after coronary artery occlusion in the dog. Mauser M, et al. **Circ Res** 1985 Feb;56(2):220–30

RIBOSEMONOPHOSPHATES see under **PENTOSEPHOSPHATES**

RIBOSEPHOSPHATE PYROPHOSPHOKINASE see under **PHOSPHOTRANSFERASES, ATP**

RIBOSOMAL DNA see **DNA, RIBOSOMAL**

RIBOSOMAL PROTEINS

On a sequence similarity between ribosomal protein S5 and DNA binding protein II. Wilson KS, et al. **FEBS Lett** 1985 Mar 25;182(2):249–52

A molecular dynamics study of the C–terminal fragment of the L7/L12 ribosomal protein. Secondary structure motion in a 150 picosecond trajectory. Aqvist J, et al. **J Mol Biol** 1985 Jun 5;183(3):461–77

Structure of a protein L23–RNA complex located at the A–site domain of the ribosomal peptidyl transferase centre. Vester B, et al. **J Mol Biol** 1984 Nov 5;179(3):431–52

ANALYSIS

Ionic–exchange high–performance liquid chromatography of Escherichia coli ribosomal small–subunit proteins. Flamion PJ, et al. **Anal Biochem** 1985 Jun;147(2):458–61

Ribosomes from a relC mutant strain of Escherichia coli show altered activity with bacterial release factor–1. Ward CD, et al. **Biochem Int** 1985 Jun;10(6):855–61

Characterization of the ribosomal proteins from mosquito (Aedes albopictus) cells. Johnston AM, et al. **Eur J Biochem** 1985 Aug 1;150(3):507–15

The complete primary structure of ribosomal proteins L1, L14, L15, L23, L24 and L29 from Bacillus stearothermophilus. Kimura M, et al. **Eur J Biochem** 1985 Aug 1;150(3):491–7

A mutant from Escherichia coli which lacks ribosomal proteins S17 and L29 used to localize these two proteins on the ribosomal surface. Stöffler–Meilicke M, et al. **Eur J Biochem** 1985 Aug 1;150(3):485–90

A ribosomal protein that is immunologically conserved in archaebacteria, eubacteria and eukaryotes. Schmid G, et al. **FEBS Lett** 1984 Nov 19;177(2):189–94

Correlation of chloroplast and bacterial ribosomal proteins by cross–reactions of antibodies specific to purified Escherichia coli ribosomal proteins. Bartsch M. **J Biol Chem** 1985 Jan 10;260(1):237–41

Ribosomal subunit antiassociation activity in rabbit reticulocyte lysates. Evidence for a low molecular weight ribosomal subunit antiassociation protein factor (Mr = 25,000). Raychaudhuri P, et al. **J Biol Chem** 1984 Oct 10; 259(19):11930–5

Cross–linking study on protein topography of rat liver 60 S ribosomal subunits with 2–iminothiolane. Uchiumi T, et al. **J Biol Chem** 1985 May 10;260(9):5675–82

Application of high–performance liquid chromatography to the reconstitution of ribosomal subunits. Kerlavage AR, et al. **J Chromatogr** 1984 Dec 28;317:201–12

Comparative electron microscopic study on the location of ribosomal proteins S3 and S7 on the surface of the E. coli 30S subunit using monoclonal and conventional antibody. Breitenreuter G, et al. **MGG** 1984;197(2):189–95

Location of protein S4 on the small ribosomal subunit of E. coli and B. stearothermophilus with protein– and hapten–specific antibodies. Stöffler–Meilicke M, et al. **MGG** 1984;197(1):8–18

Evidence for major differences in ribosomal subunit proteins from Plasmodium berghei and rat liver. Miller FW, et al. **Mol Biochem Parasitol** 1984 Jul;12(3):249–60

The 64–kilodalton membrane protein of Bacillus subtilis is also present as a multiprotein complex on membrane–free ribosomes. Caulfield MP, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7772–6

[Various characteristics of the protein composition of ribosomes separated from granular membranes of the endoplasmic reticulum of rat liver] Mel'nikova NN. **Ukr Biokhim Zh** 1984 Nov–Dec;56(6):609–13 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Faster protein and ribosome synthesis in thyroxine–induced hypertrophy of rat heart. Siehl D, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C309–19

Product analysis of in vitro ribosomal protein synthesis for the assessment of kinetic parameters. Gast FU, et al. **Anal Biochem** 1985 Jun;147(2):364–8

Comparison of fortimicins with other aminoglycosides and effects on bacterial ribosome and protein synthesis. Moreau N, et al. **Antimicrob Agents Chemother** 1984 Dec; 26(6):857–62

Ribosomal protein production in normal and anucleolate Xenopus embryos: regulation at the posttranscriptional and translational levels. Pierandrei–Amaldi P, et al. **Cell** 1985 Aug;42(1):317–23

Ribosomal–protein synthesis is not autogenously regulated at the translational level in Xenopus laevis. Pierandrei–Amaldi P, et al. **Dev Biol** 1985 Feb;107(2):281–9

Ribosomal protein synthesis by a mutant of Escherichia coli. Butler PD, et al. **Eur J Biochem** 1984 Nov 2;144(3):649–54

Cytochrome b, the var 1 protein, and subunits I and III of cytochrome c oxidase are synthesized without transient presequences in Saccharomyces cerevisiae. Mannhaupt G, et al. **Eur J Biochem** 1985 Aug 1;150(3):435–9

Ribosomes of streptomycin–treated Escherichia coli contain faulty ribosomal proteins. Negre D, et al. **J Antibiot (Tokyo)** 1985 May;38(5):661–4

Site of synthesis of the proteins of mammalian mitochondrial ribosomes. Evidence from cultured bovine cells. Schieber

GL, et al. **J Biol Chem** 1985 May 25;260(10):6367-72

[Stereochemistry of the transpeptidation reaction in the ribosome. The ribosome generates an alpha-helix in the synthesis of the protein polypeptide chain] Lim VI, et al. **Dokl Akad Nauk SSSR** 1985 Jan-Feb;280(1):235-9 **(Rus)**

[Impairment of protein biosynthesis in the spinal cord in ischemia and recirculation] Burda I, et al. **Ukr Biokhim Zh** 1984 Sep-Oct;56(5):498-503 (Eng. Abstr.) **(Rus)**

GENETICS

Structural homology between Drosophila melanogaster and Escherichia coli acidic ribosomal proteins. Chooi WY, et al. **Biochem Genet** 1984 Aug;22(7-8):749-67

Modification of Escherichia coli ribosomes: in vitro termination is less dependent on histidine residues at the peptidyl transferase centre when ribosomes lack protein L11. Sumpter VG, et al. **Biochem Int** 1985 Feb;10(2):137-46

Evolutionary conservation of ribosomal protein mRNA sequences: application for expansion of corresponding cDNA and gene libraries. Meyuhas O. **Biochim Biophys Acta** 1985 Aug 21;825(4):393-7

Conservation and variation of ribosomal proteins in several species of the cellular slime molds Dictyostelium and Polysphondylium. Ramagopal S, et al. **Biochim Biophys Acta** 1984 Nov 13;805(3):300-5

E. coli ribosomal protein operons: the case of the misplaced genes. Björk GR. **Cell** 1985 Aug;42(1):7-8 (9 ref.)

Characterization of an amber mutation in the structural gene for ribosomal protein L15, which impairs the expression of the protein export gene, secY, in Escherichia coli. Ito K, et al. **EMBO J** 1984 Oct;3(10):2319-24

Molecular cloning and analysis of cDNA sequences for two ribosomal proteins from Artemia. The coordinate expression of genes for ribosomal proteins and elongation factor 1 during embryogenesis of Artemia. Maassen JA, et al. **Eur J Biochem** 1985 Jun 18;149(3):609-16

The primary structure of the gene encoding yeast ribosomal protein L16. Leer RJ, et al. **FEBS Lett** 1984 Oct 1;175(2):371-6

Isolation of a mouse DNA fragment with homology to a Drosophila ribosomal protein gene. Mulligan PK, et al. **Gene** 1985;34(2-3):155-61

Isolation and characterization of four mouse ribosomal-protein-L18 genes that appear to be processed pseudogenes. Peled-Yalif E, et al. **Gene** 1984 Jul-Aug;29(1-2):157-66

Transcription of ribosomal component genes and lac in a relA+/relA pair of Escherichia coli strains. Little R, et al. **J Bacteriol** 1984 Sep;159(3):863-9

DNA sequence and complementation analysis of a mutation in the rplX gene from Escherichia coli leading to loss of ribosomal protein L24. Nishi K, et al. **J Bacteriol** 1985 Sep;163(3):890-4

Unbalanced rRNA gene dosage and its effects on rRNA and ribosomal-protein synthesis. Siehnel RJ, et al. **J Bacteriol** 1985 Aug;163(2):476-86

Transcriptional control of the S10 ribosomal protein operon of Escherichia coli after a shift to higher temperature. Zengel JM, et al. **J Bacteriol** 1985 Jul;163(1):140-7

Molecular cloning and nucleotide sequence of DNA complementary to rat ribosomal protein S26 messenger RNA. Kuwano Y, et al. **J Biochem (Tokyo)** 1985 Apr;97(4):983-92

Interconversion of tight and loose couple 50 S ribosomes and translocation in protein synthesis. Burma DP, et al. **J Biol Chem** 1985 Sep 5;260(19):10517-25

Estrogen-dependent modification of ribosomal proteins. Effects of estrogen withdrawal on the distribution of constitutive and hormonally regulated mRNAs. Cochrane AW, et al. **J Biol Chem** 1984 Dec 25;259(24):15408-13

Coordinate expression of ribosomal protein mRNAs following auxin treatment of soybean hypocotyls. Gantt JS, et al. **J Biol Chem** 1985 May 25;260(10):6175-81

Nucleotide sequence of cloned cDNA specific for rat ribosomal protein S11. Tanaka T, et al. **J Biol Chem** 1985 May 25;260(10):6329-33

The location of a mutation affecting ribosomal protein synthesis by Escherichia coli. Butler PD, et al. **J Gen Microbiol** 1985 Jan;131 (Pt 1):135-44

Splicing of Xenopus laevis ribosomal protein RNAs is inhibited in vivo by antisera to ribonucleoproteins containing U1 small nuclear RNA. Bozzoni I, et al. **J Mol Biol** 1984 Dec 25;180(4):1173-8

Expression of two Xenopus laevis ribosomal protein genes in injected frog oocytes. A specific splicing block interferes with the L1 RNA maturation. Bozzoni I, et al. **J Mol Biol** 1984 Dec 25;180(4):987-1005

Identification of the structural gene for the S9 ribosomal protein in the fungus Podospora anserina: a new protein involved in the control of translational accuracy. Dequard-Chablat M. **MGG** 1985;200(2):343-5

Cloning and nucleotide sequencing of the genes for ribosomal proteins S9 (rpsI) and L13 (rplM) of Escherichia coli. Isono S, et al. **MGG** 1985;198(2):279-82

Molecular cloning of ribosomal protein genes from Mycoplasma capricolum. Kawauchi Y, et al. **MGG** 1984;196(3):521-5

Suppressors of temperature-sensitive mutations in a ribosomal protein gene, rpsL (S12), of Escherichia coli K12. Nashimoto H, et al. **MGG** 1985;199(3):381-7

Transcriptional organization of the rpsA operon of Escherichia coli. Pedersen S, et al. **MGG** 1984;196(1):135-40

Unstable mutations caused by regional tandem multiplications in the gene for ribosomal protein S4 show thermosensitivity in Escherichia coli. Schnier J, et al. **MGG** 1985;199(2):265-70

Insertion of IS1 into the rpsE gene for ribosomal protein S5 causes cold-sensitivity in Escherichia coli. Schnier J, et al. **MGG** 1984;195(1-2):364-6

Stability of ribosomal protein mRNA and translational feedback regulation in Escherichia coli. Singer P, et al. **MGG** 1985;199(3):543-6

Nucleotide sequence of the gene for Escherichia coli ribosomal protein S15 (rpsO). Takata R, et al. **MGG** 1984;197(2):225-9

Evidence for clustering of RNA polymerase and ribosomal protein genes in six species of Enterobacteria. Tittawella IP. **MGG** 1984;195(1-2):215-8

On the statistical significance of homologous structures among the Escherichia coli ribosomal proteins. Wittmann-Liebold B, et al. **MGG** 1984;196(3):439-48

Two genes for ribosomal protein 51 of Saccharomyces cerevisiae complement and contribute to the ribosomes. Abovich N, et al. **Mol Cell Biol** 1984 Sep;4(9):1871-9

Isolation and characterization of cloned DNA sequences containing ribosomal protein genes of Drosophila melanogaster. Burns DK, et al. **Mol Cell Biol** 1984 Dec;4(12):2643-52

Characterization of yeast strains with conditionally expressed variants of ribosomal protein genes tcm1 and cyh2. Fried HM, et al. **Mol Cell Biol** 1985 Jan;5(1):99-108

Emetine resistance of Chinese hamster cells: structures of wild-type and mutant ribosomal protein S14 mRNAs. Rhoads DD, et al. **Mol Cell Biol** 1985 Jul;5(7):1655-9

Saccharomyces cerevisiae coordinates accumulation of yeast ribosomal proteins by modulating mRNA splicing, translational initiation, and protein turnover. Warner JR, et al. **Mol Cell Biol** 1985 Jun;5(6):1512-21

Characterization of the expressed gene and several processed pseudogenes for the mouse ribosomal protein L30 gene family. Wiedemann LM, et al. **Mol Cell Biol** 1984 Nov;4(11):2518-28

Nucleotide sequence of the alpha ribosomal protein operon of Escherichia coli. Bedwell D, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):3891-903

The genes for yeast ribosomal proteins S24 and L46 are adjacent and divergently transcribed. Leer RJ, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):701-9

Yeast contains two functional genes coding for ribosomal protein S10. Leer RJ, et al. **Nucleic Acids Res** 1985 Jul 25;13(14):5027-39

Structural comparison of yeast ribosomal protein genes. Leer RJ, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6685-700

Structure and organization of two linked ribosomal protein genes in yeast. Molenaar CM, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7345-58

Preferential use of A- and U-rich codons for Mycoplasma capricolum ribosomal proteins S8 and L6. Muto A, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8209-17

Analysis of a sequence region of 5S RNA from E. coli cross-linked in situ to the ribosomal protein L25. Szymkowiak C, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):3953-68

A comparison of yeast ribosomal protein gene DNA sequences. Teem JL, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8295-312

Nucleotide sequence of Marchantia polymorpha chloroplast DNA: a region possibly encoding three tRNAs and three proteins including a homologue of E. coli ribosomal protein S14. Umesono K, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9551-65

Structure of the Escherichia coli S10 ribosomal protein operon. Zurawski G, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4521-6

Upstream activation sites of the CYC1 gene of Saccharomyces cerevisiae are active when inverted but not when placed downstream of the 'TATA box'. Guarente L, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7860-4

IMMUNOLOGY

Preparation and characterization of two monoclonal antibodies against different epitopes in Escherichia coli ribosomal protein L7/L12. Sommer A, et al. **J Biol Chem** 1985 Jun 10;260(11):6522-7

Lupus autoantibodies target ribosomal P proteins. Elkon KB, et al. **J Exp Med** 1985 Aug 1;162(2):459-71

Identification of ribosomal protein autoantigens. Francoeur AM, et al. **J Immunol** 1985 Oct;135(4):2378-84

Immunological evidence for structural homology between Drosophila melanogaster (S14), rabbit liver (S12), Saccharomyces cerevisiae (S25), Bacillus subtilis (S6), and Escherichia coli (S6) ribosomal proteins. Chooi WY, et al. **Mol Cell Biol** 1984 Nov;4(11):2535-9

[Modification of sulfhydryl groups in ribosomal proteins by a dinitrophenyl hapten] Kozhukharova MS, et al. **Bioorg Khim** 1983 Jul;9(7):900-5 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Isolation of protein S6 from rat liver ribosomes by reversed-phase high-performance liquid chromatography. Nick HP, et al. **Anal Biochem** 1985 Jul;148(1):93-100

Extraction of proteins from Saccharomyces cerevisiae ribosomes under nondenaturing conditions. Lee JC, et al. **Arch Biochem Biophys** 1985 Mar;237(2):292-9

Identification by affinity chromatography of Escherichia coli ribosomal proteins that bind erythromycin and chloramphenicol. Suryanarayana T. **Biochem Int** 1983 Dec;7(6):719-25

Isolation of yeast ribosomal proteins L3 and L2 for immunological studies. Irrgang KD, et al. **Biol Chem Hoppe Seyler** 1985 Apr;366(4):387-94

Preparation of 40S ribosomal subunit proteins of rat liver by combination of ion exchange chromatography with reversed phase liquid chromatography. Dettmer R, et al. **Biomed Biochim Acta** 1984;43(7):937-45

Strain-dependent variation in ribosomal DNA arrangement in Absidia glauca. Wöstemeyer J. **Eur J Biochem** 1985 Jan 15;146(2):443-8

Comparison of the basic Escherichia coli antizyme 1 and antizyme 2 with the ribosomal proteins S20/L26 and L34. Panagiotidis CA, et al. **J Biol Chem** 1984 Dec 25;259(24):15025-7

Application of high-performance liquid chromatographic techniques to the separation of ribosomal proteins of different organisms. Kamp RM, et al. **J Chromatogr** 1984 Dec 28;317:181-92

Affinity chromatography of Drosophila melanogaster ribosomal proteins to 5S rRNA. Stark BC, et al. **J Chromatogr** 1985 Feb 20;319(3):367-75

A simple analysis of methylated proteins. Paik WK. **Methods Enzymol** 1984;106:265-8

METABOLISM

Phosphorylation-dephosphorylation changes in yeast ribosomal proteins S2 and S6 during growth under normal and hyperthermal conditions. Jakubowicz T. **Acta Biochim Pol** 1985;32(1):7-12

Phosphorylation of ribosomal proteins during differentiation of Saccharomyces cerevisiae. Szyszka R, et al. **Acta Biochim Pol** 1984;31(4):375-82

The kinetics of 32P incorporation into brain and liver ribosomal proteins from 14-day old chick embryos. Sanecka-Obacz M. **Ann Univ Mariae Curie Sklodowska [Med]** 1982;37:19-25

Multiple phosphorylation of pp30, a rat brain polyribosomal protein, sensitive to polyamines and corticotropin. Schrama LH, et al. **Biochem J** 1984 Dec 15;224(3):747-53

Cooperative interactions in the system ribosomes-ribosomal protein S1-polynucleotide triplets. Goss DJ, et al. **Biochemistry** 1984 Dec 18;23(26):6522-9

Characterization of initiation factor 3 from wheat germ. 2. Effects of polyclonal and monoclonal antibodies on activity. Lauer SJ, et al. **Biochemistry** 1985 Jun 4;24(12):2928-31

Characterization of initiation factor 3 from wheat germ. 1. Effects of proteolysis on activity and subunit composition. Lauer SJ, et al. **Biochemistry** 1985 Jun 4;24(12):2924-8

The role of multiply phosphorylated S6 in ribosome degradation. Stefanović D, et al. **Biochim Biophys Acta** 1984 Dec 14;783(3):234-45

Subcellular distribution of ribosomal proteins S6 and eL12. Analysis by autoradiography and immunofluorescence of sections from oocytes of Xenopus laevis. Darmer D, et al. **Cell Tissue Res** 1984;237(2):353-6

Increased intracellular pH is not necessary for ribosomal protein s6 phosphorylation, increased protein synthesis, or germinal vesicle breakdown in Xenopus oocytes. Stith BJ, et al. **Dev Biol** 1985 Feb;107(2):460-9

Does unpaired adenosine-66 from helix II of Escherichia coli 5S RNA bind to protein L18? Christiansen J, et al. **EMBO J** 1985 Apr;4(4):1019-24

Stepwise dissociation of yeast 60S ribosomal subunits by LiCl and identification of L25 as a primary 26S rRNA binding protein. El-Baradi TT, et al. **Eur J Biochem** 1984 Oct 15;144(2):393-400

Phosphorylation of ribosomal protein S6 in the aquatic fungus Blastocladiella emersonii. Bonato MC, et al. **Eur J Biochem** 1984 Nov 2;144(3):597-606

Insulin-stimulated protein synthesis in adipocytes. Enhanced rate of initiation associated with increased phosphorylation of ribosomal protein S6. Hansson A, et al. **Eur J Biochem** 1985 Aug 15;151(1):97-100

Differentiation of rat myoblasts. Regulation of turnover of ribosomal proteins and their mRNAs. Jacobs FA, et al. **Eur J Biochem** 1985 Jul 15;150(2):255-63

RNA and ribosomal protein patterns during aerial spore germination in Streptomyces granaticolor. Mikulík K, et al. **Eur J Biochem** 1984 Dec 3;145(2):381-8

Phosphorylation of the ribosomal protein S6 during agonist-induced exocytosis in exocrine glands is catalyzed by calcium-phospholipid-dependent protein kinase (protein kinase C). Experiments with guinea pig parotid glands. Padel U, et al. **Eur J Biochem** 1985 Aug 15;151(1):1-10

The phosphorylation of eukaryotic ribosomal protein S6 by protein kinase C. Parker PJ, et al. **Eur J Biochem** 1985 May 2;148(3):579-86

Effects of cell sap, ATP, and RNA synthesis on the transfer of ribosomal proteins into nuclei and nucleoli in a rat liver cell-free system. Tsurugi K, et al. **Eur J Biochem** 1984 Nov 15;145(1):83-9

Intersubunit RNA-protein contacts in pre- and post-translocated E. coli ribosome. Abdurashidova GG, et al. **FEBS Lett** 1985 Jun 17;185(2):291-4

Identification of yeast 60 S ribosomal proteins crosslinked to rRNA by 2-iminothiolane. el-Baradi TT, et al. **FEBS Lett** 1985 Jul 1;186(1):26-30

Phosphorylation of ribosomal protein S6 and a peptide analogue of S6 by a protease-activated kinase isolated from rat liver. Gabrielli B, et al. **FEBS Lett** 1984 Oct 1; 175(2):219-26

The L7/L12 proteins change their conformation upon interaction of EF-G with ribosomes. Gudkov AT, et al. **FEBS Lett** 1984 Oct 15;176(1):32-6

Assignment of resonances of exchangeable protons in the NMR spectrum of the complex formed by Escherichia coli ribosomal protein L25 and uniformly nitrogen-15 enriched 5 S RNA fragment. Kime MJ. **FEBS Lett** 1984 Oct 1; 175(2):259-62

A chick embryo fibroblast protein kinase recognizing ribosomal protein S6. Activity increase after serum stimulation. Lawen A, et al. **FEBS Lett** 1985 Jun 17; 185(2):272-6

The ribosomal binding domain for the bacterial release factors RF-1, RF-2 and RF-3. McCaughan KK, et al. **FEBS Lett** 1984 Sep 17;175(1):90-4

Protease-activated kinase II as the mediator of epidermal growth factor-stimulated phosphorylation of ribosomal protein S6. Perisic O, et al. **FEBS Lett** 1985 Apr 22; 183(2):215-8

Protein S4 is near the elongation factor G binding site in the ribosome. Tejedor F, et al. **FEBS Lett** 1985 Mar 25; 182(2):253-6

The effect of GTP hydrolysis and transpeptidation on the arrangement of aminoacyl-tRNA at the A-site of Escherichia coli 70 S ribosomes. Vladimirov SN, et al. **FEBS Lett** 1985 Feb 25;181(2):367-72

Ribosomal protein phosphorylation induced during Q fever or by lipopolysaccharide: in vitro translation is stimulated by infected liver ribosomes. Hickey MJ, et al. **Infect Immun** 1985 Jun;48(3):690-6

Insulin- and phorbol ester-stimulated phosphorylation of ribosomal protein S6. Trevillyan JM, et al. **J Biol Chem** 1985 Mar 10;260(5):3041-4

Neighboring proteins in rat liver 60 S ribosomal subunits disulfide-linked by hydrogen peroxide oxidation or cross-linked with dithiobis(succinimidyl propionate). Uchiumi T, et al. **J Biol Chem** 1985 May 10;260(9):5669-74

Localization of ribosomal protein S1 in the granular component of the interphase nucleolus and its distribution during mitosis. Hügle B, et al. **J Cell Biol** 1985 Mar; 100(3):873-86 (81 ref.)

Interaction of ribosomal proteins S6, S8, S15 and S18 with the central domain of 16 S ribosomal RNA from Escherichia coli. Gregory RJ, et al. **J Mol Biol** 1984 Sep 15;178(2):287-302

Effects of site-directed mutations in the central domain of 16 S ribosomal RNA upon ribosomal protein binding, RNA processing and 30 S subunit assembly. Stark MJ, et al. **J Mol Biol** 1984 Sep 15;178(2):303-22

Modulation of phosphorylation of a 30-kD polyribosomal protein (pp30) by ACTH and spermine: comparison with modulation of brain protein synthesis. Schrama LH, et al. **J Neurochem** 1984 Dec;43(6):1693-9

Functional implication of the sole arginine residue of ribosomal proteins L7/L12. Hernández F, et al. **Mol Biol Rep** 1984 Dec;10(2):75-8

Processing of the precursor to a chloroplast ribosomal protein made in the cytosol occurs in two steps, one of which depends on a protein made in the chloroplast. Schmidt RJ, et al. **Mol Cell Biol** 1985 May;5(5):1093-9

Microinjection of pp60v-src into Xenopus oocytes increases phosphorylation of ribosomal protein S6 and accelerates the rate of progesterone-induced meiotic maturation. Spivack JG, et al. **Mol Cell Biol** 1984 Aug;4(8):1631-4

Protein--RNA interaction in the rat liver 5S rRNA-protein L5 complex studied by digestion with ribonucleases. Gross B, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2325-35

Cross-linking of mRNA to initiation factor eIF-3, 24 kDa cap binding protein and ribosomal proteins S1, S3/3a, S6 and S11 within the 48S pre-initiation complex. Westermann P, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):8887-97

Phorbol ester, serum, and rous sarcoma virus transforming gene product induce similar phosphorylations of ribosomal protein S6. Blenis J, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6408-12

A protein kinase from Xenopus eggs specific for ribosomal protein S6. Erikson E, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):742-6

Phosphorylation of ribosomal protein S6 on serine after microinjection of the Abelson murine leukemia virus tyrosine-specific protein kinase into Xenopus oocytes. Maller JL, et al. **Proc Natl Acad Sci USA** 1985 Jan; 82(2):272-6

[Changes in subunit conformation and their reciprocal configuration in the transition from the pretranslocated to the posttranslocated state] Abdurashidova GG, et al. **Bioorg Khim** 1985 Mar;11(3):417-9 (Eng. Abstr.) **(Rus)**

[Changes in the intramolecular mobility of protein L7/L12 resulting from the addition of elongation factor G to the ribosomes] Gonzadze GM, et al. **Dokl Akad Nauk SSSR** 1984 Nov-Dec;279(1):230-2 **(Rus)**

[Contacts of ribosomal proteins with tRNAPhe and 16S RNA in analogs of the 30S initiation complex] Abdurashidova GG, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):553-7 (Eng. Abstr.) **(Rus)**

[Ribosomal proteins interacting with Phe-tRNAPhe during enzymatic binding with translating ribosome before and after the release of the elongation factor EF-Tu] Abdurashidova GG, et al. **Mol Biol (Mosk)** 1985 May-Jun; 19(3):800-4 (Eng. Abstr.) **(Rus)**

[Protein L16 of the Escherichia coli ribosome: possible role in protein biosynthesis] Maimets TO, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1597-605 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Stimulation of peptidyltransferase reactions by a soluble protein. Ganoza MC, et al. **Eur J Biochem** 1985 Jan 15; 146(2):287-94

PHYSIOLOGY

Evidence that ribosomal protein S10 itself is a cellular component necessary for transcription antitermination by phage lambda N protein. Das A, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4070-4

Involvement of ribosomal protein L7/L12 in control of translational accuracy. Kirsebom LA, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):717-21

RADIATION EFFECTS

Photo-induced protein cross-linking to 5S RNA and 28-5.8S RNA within rat-liver 60S ribosomal subunits. Paleologue A, et al. **Eur J Biochem** 1985 Jun 18;149(3):525-9

[RNA-protein cross-links in the 30S ribosome subunit of Escherichia coli induced by high-intensity laser ultraviolet radiation] Budovskiĭ EI, et al. **Dokl Akad Nauk SSSR** 1985; 281(4):971-4 **(Rus)**

RIBOSOMES

see related
RNA, RIBOSOMAL

The mitoribosomes. Curgy JJ. **Biol Cell** 1985;54(1):1-38 (384 ref.)

Ribocharin: a nuclear Mr 40,000 protein specific to precursor particles of the large ribosomal subunit. Hügle B, et al. **Cell** 1985 Jun;41(2):615-27

Mutations upstream of the ribosome-binding site affect translational efficiency. Coleman J, et al. **J Mol Biol** 1985 Jan 5;181(1):139-43

lacZ translation initiation mutations. Munson LM, et al. **J Mol Biol** 1984 Aug 25;177(4):663-83

Localization of chromosomal DNA sequences homologous to ribosomal gene type I insertion DNA in Drosophila melanogaster. Cantú ES, et al. **MGG** 1984;196(2):345-9

[Preparation of translating ribosomes by using a column with immobilized polyuridylic acid] Baranov VI. **Bioorg Khim** 1983 Dec;9(12):1650-7 (Eng. Abstr.) **(Rus)**

ANALYSIS

A detergent-free method for isolation of viable ribosomes from rat brain. Pajari M, et al. **Acta Chem Scand [B]** 1984; 38(6):485-90

Isolation of protein S6 from rat liver ribosomes by reversed-phase high-performance liquid chromatography. Nick HP, et al. **Anal Biochem** 1985 Jul;148(1):93-100

Ribosomal gene reiteration in a marsupial species with an X-linked nucleolar organizer. Robins AJ, et al. **Aust J Biol Sci** 1984;37(4):211-5

Isolation of tyrosinase-mRNA by affinity chromatography of polysomes. Kidson SH, et al. **Biochim Biophys Acta** 1985 Jan 29;824(1):40-4

Eukaryotic protein synthesis initiation factor eIF-3: determination of concentration and association with ribosomes in rabbit reticulocyte and HeLa cell lysates. Mengod G, et al. **Biochim Biophys Acta** 1985 Jun 24; 825(2):169-74

The Ayerst Award Lecture 1984. The ribosome: a biochemist's mechano set. Nazar RN. **Can J Biochem Cell Biol** 1985 May;63(5):313-8 (23 ref.)

Mutations within the 23S rRNA coding sequence of E. coli which block ribosome assembly. Skinner RH, et al. **EMBO J** 1985 Jun;4(6):1605-8

Electron-microscopical evidence that ribosomal chromatin of human circulating lymphocytes is devoid of histones. Derenzini M, et al. **Exp Cell Res** 1985 Mar;157(1):50-62

Topography of RNA in the ribosome: location of the 5 S RNA residues A39 and U40 on the central protuberance of the 50 S subunit. Evstafieva AG, et al. **FEBS Lett** 1985 Jun 3;185(1):57-62

Increased translational fidelity caused by the antibiotic kasugamycin and ribosomal ambiguity in mutants harbouring the ksgA gene. van Buul CP, et al. **FEBS Lett** 1984 Nov 5;177(1):119-24

Characterization of an RNA polymerase I-dependent promoter within the spacer region of yeast ribosomal cistrons. Swanson ME, et al. **J Biol Chem** 1985 Aug 15; 260(17):9905-15

Application of high-performance liquid chromatography to the reconstitution of ribosomal subunits. Kerlavage AR, et al. **J Chromatogr** 1984 Dec 28;317:201-12

Separation of tryptic phosphopeptides of ribosomal origin by reversed-phase high-performance liquid chromatography. Wettenhall RE, et al. **J Chromatogr** 1984 Dec 7;336(1):51-61

Structure of a protein L23-RNA complex located at the A-site domain of the ribosomal peptidyl transferase centre. Vester B, et al. **J Mol Biol** 1984 Nov 5;179(3):431-52

Evidence for major differences in ribosomal subunit proteins from Plasmodium berghei and rat liver. Miller FW, et al. **Mol Biochem Parasitol** 1984 Jul;12(3):249-60

Partial reconstitution of 60S ribosomal subunits from yeast. Vioque A, et al. **Mol Cell Biochem** 1985 Feb;66(1):55-60

Long range RNA-RNA interactions in the 30 S ribosomal subunit of E. coli. Spitnik-Elson P, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4719-38

[Various characteristics of the protein composition of ribosomes separated from granular membranes of the endoplasmic reticulum of rat liver] Mel'nikova NN. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):609-13 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Ribosomal resistance in the gentamicin producer organism Micromonospora purpurea. Piendl W, et al. **Antimicrob Agents Chemother** 1982 Aug;22(2):231-6

Alteration of ribosomes and RNA polymerase in drug-resistant clinical isolates of Mycobacterium tuberculosis. Yamada T, et al. **Antimicrob Agents Chemother** 1985 Jun;27(6):921-4

Characterization of a Saponaria officinalis seed ribosome-inactivating protein: immunoreactivity and sequence homologies. Lappi DA, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):934-42

Dodecandrin, a new ribosome-inhibiting protein from Phytolacca dodecandra. Ready MP, et al. **Biochim Biophys Acta** 1984 Dec 21;791(3):314-9

Isoproterenol induces a ribosomal modification in the heart and the skeletal muscle of hamsters. Noël J, et al. **Biosci Rep** 1985 Jan;5(1):13-9

Insensitivity of archaebacterial ribosomes to protein synthesis inhibitors. Evolutionary implications. Cammarano P, et al. **EMBO J** 1985 Mar;4(3):811-6

The mode of action of restrictocin and mitogillin on eukaryotic ribosomes. Inhibition of brain protein synthesis, cleavage and sequence of the ribosomal RNA fragment. Fando JL, et al. **Eur J Biochem** 1985 May 15;149(1):29-34

A metalloproteinase associated with gelonin, a 'ribosome inactivating protein'. Montanaro L, et al. **Ital J Biochem** 1985 Jan-Feb;34(1):1-10

Induction of the chloramphenicol acetyltransferase gene cat-86 through the action of the ribosomal antibiotic amicetin: involvement of a Bacillus subtilis ribosomal component in cat induction. Duvall EJ, et al. **J Bacteriol** 1985 Feb;161(2):665-72

On the distribution of ribosome-inactivating proteins amongst plants. Gasperi-Campani A, et al. **J Nat Prod** 1985 May-Jun;48(3):446-54

An immunotoxin composed of monoclonal anti-Thy 1.1 antibody and a ribosome-inactivating protein from Saponaria officinalis: potent antitumor effects in vitro and in vivo. Thorpe PE, et al. **JNCI** 1985 Jul;75(1):151-9

Kinetic impairment of restrictive streptomycin-resistant ribosomes. Bohman K, et al. **MGG** 1984;198(1):90-9

Streptomycin preferentially perturbs ribosomal proofreading. Ruusala T, et al. **MGG** 1984;198(1):100-4

ENZYMOLOGY

In vitro synthesis and assembly of the peripheral subunits of coupling factor CF1 (alpha and beta) by thylakoid-bound ribosomes. Herrin D, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):224-36

2'(3')-O-L-Phenylalanyl derivatives of N2,5'-anhydroformycin and N4,5'-anhydroformycin: new substrates for ribosomal peptidyltransferase with a fixed anti and syn conformation of the base. Bhuta P, et al. **Biochim Biophys Acta** 1985 Aug 16;841(2):145-50

Isolation and characterization of two forms of Met-tRNAf deacylase from rabbit reticulocyte ribosomes. Kwan A, et al. **Biochim Biophys Acta** 1984 Oct 5;783(1):80-8

Ribosome-associated cyclic nucleotide-independent protein kinase of Artemia salina cryptobiotic gastrulae. Thoen C, et al. **Biochim Biophys Acta** 1985 Jul 24;825(3):268-79

Studies of the GTPase domain of archaebacterial ribosomes. Beauclerk AA, et al. **Eur J Biochem** 1985 Sep 2; 151(2):245-55

Phenylalanyl-tRNA synthetases from sheep liver and yeast. Correlation between net charge and binding to ribosomes. Pailliez JP, et al. **J Biol Chem** 1984 Dec 25;259(24):15491-6

Ribosomal ribonucleases in avian liver during estrogen-induced vitellogenin synthesis. Penttilä KE, et al. **J Steroid Biochem** 1985 Apr;22(4):559-61

[Stereochemistry of the transpeptidation reaction in the ribosome. The ribosome generates an alpha-helix in the synthesis of the protein polypeptide chain] Lim VI, et al. **Dokl Akad Nauk SSSR** 1985 Jan-Feb;280(1):235-9 **(Rus)**

[The peptidyltransferase center of ribosomes—what is it?] Kukhanova MK, et al. **Mol Biol (Mosk)** 1985 Mar-Apr; 19(2):371-7 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Role of the polysaccharide and of the lipopolysaccharide in the immunoprotective capacity of Klebsiella pneumoniae ribosomes. Robert D, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Oct

92(5):293-9

Protection of chickens by ribosomal vaccines from Pasteurella multocida: dependence on homologous lipopolysaccharide. Phillips M, et al. **Am J Vet Res** 1984 Sep;45(9):1785-9

Ribonuclease-sensitive ribosomal vaccines. Gonggrijp R, et al. **Antonie Van Leeuwenhoek** 1984;50(5-6):763-74

Immunogenicity, biochemical and serological characterizations of ribosomal preparations from human oral strains of serotypes c and d of the bacterium Streptococcus mutans. Huis in 't Veld J, et al. **Arch Oral Biol** 1984;29(12):1001-7

Lack of cross-reactivity of antibodies to ribosomal preparations from Streptococcus mutans with human heart and kidney antigens. Gregory RL, et al. **Infect Immun** 1984 Oct;46(1):42-7

Immunomodulation of the antibody response to lipopolysaccharide in C3H/HeJ mice by complexing with heterologous ribosomes. Phillips M, et al. **Infect Immun** 1985 Apr;48(1):244-7

In vitro effect of a ribosomal extract of Klebsiella pneumoniae on normal human polymorphonuclear neutrophil functions. Laharrague PF, et al. **Int J Immunopharmacol** 1984; 6(5):503-7

Detection of antibodies against Candida albicans ribosomes by the enzyme linked immunosorbent assay. Levy R, et al. **Mycopathologia** 1984 Sep 30;87(3):167-70

Immune responses elicited by vaccinations with Candida albicans ribosomes in cyclophosphamide treated animals. Segal E, et al. **Mycopathologia** 1985 Feb;89(2):113-8

Enhancement of immunogenic activity of ribosomal preparations from Haemophilus influenzae by various adjuvants. Cabrera-Contreras R, et al. **Vaccine** 1985 Jun; 3(2):103-8

[Biological properties of a ribosomal vaccine from S. sonnei obtained by polyethylene glycol fractionation] Levenson VI, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov; (11):77-81 (Eng. Abstr.) **(Rus)**

[Cell wall antigenic determinants in ribosomal preparations of Streptococcus group A] Shikhman AR, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):15-9 (Eng. Abstr.) **(Rus)**

METABOLISM

Faster protein and ribosome synthesis in thyroxine-induced hypertrophy of rat heart. Siehl D, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C309-19

Distribution of hepatic ribosomes between different functional states in well-fed and protein-energy-deficient rats. Enwonwu CO, et al. **Ann Nutr Metab** 1984; 28(6):367-76

The kinetics of 32P incorporation into brain and liver ribosomal proteins from 14-day old chick embryos. Sanecka-Obacz M. **Ann Univ Mariae Curie Sklodowska [Med]** 1982;37:19-25

Eukaryotic protein synthesis. Moldave K. **Annu Rev Biochem** 1985;54:1109-49 (517 ref.)

Ribosomal activity of the 16 S.23 S RNA complex. Burma DP, et al. **Arch Biochem Biophys** 1985 Jun;239(2):427-35

The relationship between translational initiation and messenger RNA inactivation in down-shifted Escherichia coli. Jacobson LA, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):118-31

Initiation factors eIF4A and C1 from wheat germ and the formation of mRNA X ribosome complexes. Seal SN, et al. **Arch Biochem Biophys** 1985 Apr;238(1):146-53

The size and heterogeneity of the messenger RNA associated with 70 S monosomes from down-shifted Escherichia coli. Wnek AP, et al. **Arch Biochem Biophys** 1985 Aug 15; 241(1):106-17

Differences in physical and biological properties of 50S ribosomes and 23S RNAs derived from tight and loose couple 70S ribosomes. Burma DP, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):970-8

Modification of Escherichia coli ribosomes: in vitro termination is less dependent on histidine residues at the peptidyl transferase centre when ribosomes lack protein L11. Sumpter VG, et al. **Biochem Int** 1985 Feb;10(2):137-46

The Shine and Dalgarno hypothesis for termination: the 3' terminus of the 16S rRNA of the Escherichia coli ribosome can be modified or base-paired with a complementary oligonucleotide without affecting termination in vitro. Tate WP, et al. **Biochem Int** 1983 Oct;7(4):529-34

Ribosomes from a relC mutant strain of Escherichia coli show altered activity with bacterial release factor-1. Ward CD, et al. **Biochem Int** 1985 Jun;10(6):855-61

Photoaffinity labeling of the tetracycline binding site of the Escherichia coli ribosome. The uses of a high intensity light source and of radioactive sancycline derivatives. Hasan T, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):1065-71

Conservation of RNA sequence and cross-linking ability in ribosomes from a higher eukaryote: photochemical cross-linking of the anticodon of P site bound tRNA to the penultimate cytidine of the UACACACG sequence in Artemia salina 18S rRNA. Ciesiolka J, et al. **Biochemistry** 1985 Jun 18;24(13):3233-9

Cooperative interactions in the system ribosomes-ribosomal protein S1-polynucleotide triplets. Goss DJ, et al. **Biochemistry** 1984 Dec 18;23(26):6522-9

Elongation factor Tu ternary complex binds to small ribosomal subunits in a functionally active state. Langer JA, et al. **Biochemistry** 1984 Dec 4;23(25):6171-8

tRNA binding sites of ribosomes from Escherichia coli. Lill R, et al. **Biochemistry** 1984 Dec 18;23(26):6710-7

Cross-linking of streptomycin to the 30S subunit of Escherichia coli with phenyldiglyoxal. Melançon P, et al. **Biochemistry** 1984 Dec 18;23(26):6697-703

Binding of S21 to the 50S subunit and the effect of the 50S subunit on nonradiative energy transfer between the 3' end of 16S RNA and S21. Odom OW, et al. **Biochemistry** 1984 Oct 9;23(21):5069-76

On the structural specificity of puromycin binding to Escherichia coli ribosomes. Weitzmann C, et al. **Biochemistry** 1985 Apr 23;24(9):2268-74

Covalent cross-linking of tRNAGly1 to the ribosomal P site via the dihydrouridine loop. Chen JK, et al. **Biochim Biophys Acta** 1985 Jun 24;825(2):161-8

Function of ribosomes and glutamyl-tRNA isoacceptors in protein synthesis in regenerating skeletal muscle. Jones GH. **Biochim Biophys Acta** 1985 Apr 19;824(4):324-9

Defective assembly of the mitochondrial ribosomes in yeast cells grown in the presence of mitochondrial protein synthesis inhibitors. Maheshwari KK, et al. **Biochim Biophys Acta** 1985 Apr 19;824(4):273-83

Reduced ribosomal binding of eukaryotic elongation factor 2 following ADP-ribosylation. Difference in binding selectivity between polyribosomes and reconstituted monoribosomes. Nygård O, et al. **Biochim Biophys Acta** 1985 Feb 20;824(2):152-62

The role of multiply phosphorylated S6 in ribosome degradation. Stefanović D, et al. **Biochim Biophys Acta** 1984 Dec 14;783(3):234-45

On the structure of native small ribosomal subunits and initiation factor eIF-3 isolated from rat liver. Lutsch G, et al. **Biomed Biochim Acta** 1985;44(2):K1-7

Interaction between rat brain microtubule associated proteins (MAPs) and free ribosomes from Xenopus oocyte: a possible mechanism for the in ovo distribution of MAPs. Jessus C, et al. **Cell Differ** 1984 Oct;14(4):295-301

Effects of centrifugal force on functional and structural integrity of rat liver ribosomes. Harbourne KS, et al. **Comp Biochem Physiol [B]** 1984;78(3):643-6

Escherichia coli ribosomes translate in vivo with variable rate. Pedersen S. **EMBO J** 1984 Dec 1;3(12):2895-8

Hyper-accurate ribosomes inhibit growth. Ruusala T, et al. **EMBO J** 1984 Nov;3(11):2575-80

Distribution of thyroid hormone-responsive translated products in rat liver polysome and postribosomal ribonucleoprotein populations. Carr FE, et al. **Endocrinology** 1984 Nov;115(5):1737-45

Increased ribosomal affinity for mRNA causes resistance to edeine in a mutant of Saccharomyces cerevisiae. Herrera F, et al. **Eur J Biochem** 1984 Dec 3;145(2):339-44

Mechanism of action of gentamicin components. Characteristics of their binding to Escherichia coli ribosomes. Tangy F, et al. **Eur J Biochem** 1985 Mar 1; 147(2):381-6

Inhibition of the aminoacylation of selected tRNA molecules by an estrogen-regulated factor on uterine ribosomes. Regulation of aminoacylation of tRNA by estrogens. Whelly SM, et al. **Eur J Biochem** 1985 Jan 15;146(2):245-53

Stoichiometry of GTP hydrolysis in a poly(U)-dependent cell-free translation system. Determination of GTP/peptide bond ratios during codon-specific elongation and misreading. Gavrilova LP, et al. **FEBS Lett** 1984 Dec 10; 178(2):283-7

Direct cross-linking of heptauridilate to E. coli ribosomes by water-soluble carbodiimide in the complex stabilized by codon-anticodon interaction at both A- and P-sites. Gimautdinova OI, et al. **FEBS Lett** 1985 Jun 17; 185(2):221-5

The L7/L12 proteins change their conformation upon interaction of EF-G with ribosomes. Gudkov AT, et al. **FEBS Lett** 1984 Oct 15;176(1):32-6

The ribosomal binding domain for the bacterial release factors RF-1, RF-2 and RF-3. McCaughan KK, et al. **FEBS Lett** 1984 Sep 17;175(1):90-4

Processing of precursor ribosomal RNA and the presence of a modified ribosome assembly scheme in Escherichia coli relaxed strain. Mackow ER, et al. **FEBS Lett** 1985 Mar 25;182(2):407-12

Conformational change of 50 S ribosomes on enzymatic binding of phenylalanyl-tRNA. Srivastava S, et al. **FEBS Lett** 1985 Jul 1;186(1):17-20

Third International Symposium on 'Molecular Interactions in Biological Systems' 'Eukaryotic Ribosomes and Biosynthesis of Proteins'. Summary of the Symposium held in Berlin-Buch, GDR, on 22-25 October, 1984. Stahl J, et al. **FEBS Lett** 1985 Apr 8;183(1):1-6

Protein S4 is near the elongation factor G binding site in the ribosome. Tejedor F, et al. **FEBS Lett** 1985 Mar 25; 182(2):253-6

The effect of GTP hydrolysis and transpeptidation on the arrangement of aminoacyl-tRNA at the A-site of Escherichia coli 70 S ribosomes. Vladimirov SN, et al. **FEBS Lett** 1985 Feb 25;181(2):367-72

tRNA binding to programmed ribosomes increases the ribosomal affinity for tuberactinomycin O. Yamada T, et al. **FEBS Lett** 1985 Jan 1;179(1):37-40

Ribosomal protein phosphorylation induced during Q fever or by lipopolysaccharide: in vitro translation is stimulated by infected liver ribosomes. Hickey MJ, et al. **Infect Immun** 1985 Jun;48(3):690-6

Binding of [14C]tuberactinomycin O to ribosomes from Mycobacterium smegmatis. Yamada T, et al. **J Antibiot (Tokyo)** 1985 Feb;38(2):266-9

Interconversion of tight and loose couple 50 S ribosomes and translocation in protein synthesis. Burma DP, et al. **J Biol Chem** 1985 Sep 5;260(19):10517-25

Bovine mitochondrial ribosomes. Elongation factor specificity. Eberly SL, et al. **J Biol Chem** 1985 Jul 25; 260(15):8721-5

Evidence that the primary effect of phosphorylation of eukaryotic initiation factor 2(alpha) in rabbit reticulocyte lysate is inhibition of the release of eukaryotic initiation factor-2.GDP from 60 S ribosomal subunits. Gross M, et al. **J Biol Chem** 1985 Aug 5;260(16):9491-500

Control of peptide-chain initiation in rat skeletal muscle. Development of methods for preparation of native ribosomal subunits and analysis of the effect of insulin on formation of 40 S initiation complexes. Kelly FJ, et al. **J Biol Chem** 1985 Jun 10;260(11):6677-83

The interaction between initiation factor 3 and 30 S ribosomal subunits studied by high-resolution 1H NMR spectroscopy. Paci M, et al. **J Biol Chem** 1985 Jan 25;260(2):887-92

Formation and release of eukaryotic initiation factor 2 X GDP complex during eukaryotic ribosomal polypeptide chain initiation complex formation. Raychaudhuri P, et al. **J Biol Chem** 1985 Feb 25;260(4):2140-5

The 60 S ribosomal subunit as a carrier of eukaryotic initiation factor 2 and the site of reversing factor activity during protein synthesis. Thomas NS, et al. **J Biol Chem** 1985 Aug 15;260(17):9860-6

Segregation of the polypeptide translocation apparatus to regions of the endoplasmic reticulum containing ribophorins and ribosomes. I. Functional tests on rat liver microsomal subfractions. Amar-Costesec A, et al. **J Cell Biol** 1984 Dec;99(6):2247-53

Segregation of the polypeptide translocation apparatus to regions of the endoplasmic reticulum containing ribophorins and ribosomes. II. Rat liver microsomal subfractions contain equimolar amounts of ribophorins and ribosomes. Marcantonio EE, et al. **J Cell Biol** 1984 Dec; 99(6):2254-9

Interactions between mutations affecting ribosome synthesis in Escherichia coli. Butler PD, et al. **J Gen Microbiol** 1985 Apr;131 (Pt 4):945-9

Structure of ribosome-bound messenger RNA as revealed by enzymatic accessibility studies. Kang CW, et al. **J Mol Biol** 1985 Jan 20;181(2):241-51

Increased expression of ribosomal genes during inhibition of ribosome assembly in Escherichia coli. Takebe Y, et al. **J Mol Biol** 1985 Jul 5;184(1):23-30

The role of HnRNA in the control of ribosomal gene transcription. Sekeris CE. **J Theor Biol** 1985 Jun 21; 114(4):601-4

Construction and properties of a ribosome-binding site mutation in gene E of luminal diameter X174 bacteriophage. Gillam S, et al. **J Virol** 1984 Dec;52(3):892-6

Functional deterioration of mouse liver ribosomes during aging: translational activity and activity for formation of the 47 S initiation complex. Nakazawa T, et al. **Mech Ageing Dev** 1984 Aug;26(2-3):241-51

Size distribution of ribosomes in biopsy specimens of human skeletal muscle during starvation. Wernerman J, et al. **Metabolism** 1985 Jul;34(7):665-9

Expression in Bacillus subtilis of the gene for human urogastrone using synthetic ribosome binding sites. Flock JI, et al. **MGG** 1984;195(1-2):246-51

Two genes for ribosomal protein 51 of Saccharomyces cerevisiae complement and contribute to the ribosomes. Abovich N, et al. **Mol Cell Biol** 1984 Sep;4(9):1871-9

Saccharomyces cerevisiae ribosomes recognize non-AUG initiation codons. Zitomer RS, et al. **Mol Cell Biol** 1984 Jul;4(7):1191-7

Lack of effect of GABA on [3H]leucine incorporation into a rat oviduct ribosomal system. Orensanz LM, et al. **Neurochem Res** 1985 Jun;10(6):789-96

The wheat mitochondrial gene for apocytochrome b: absence of a prokaryotic ribosome binding site. Boer PH, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2281-92

Codon-defined ribosomal pausing in Escherichia coli detected by using the pyrE attenuator to probe the coupling between transcription and translation. Bonekamp F, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):4113-23

tRNA binding modifies the properties of the small ribosomal subunit of rat liver. Reboud AM, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7889-901

Cross-linking of mRNA to initiation factor eIF-3, 24 kDa cap binding protein and ribosomal proteins S1, S3/3a, S6 and S11 within the 48S pre-initiation complex. Westermann P, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):8887-97

Structural and functional analysis of Escherichia coli ribosomes containing small deletions around position 1760 in the 23S ribosomal RNA. Zweib C, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7135-52

Secretory S complex of Bacillus subtilis forms a large, organized structure when released from ribosomes. Caulfield MP, et al. **Proc Natl Acad Sci USA** 1985 Jun; 82(12):4031-5

Feedback regulation of rRNA and tRNA synthesis and accumulation of free ribosomes after conditional expression of rRNA genes. Gourse RL, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1069-73

Mutations that affect the translation efficiency of Tn9-derived cat gene in Bacillus subtilis. Lin CK, et al.

Proc Natl Acad Sci USA 1985 Jan;82(1):173-7

A second tRNA binding site on elongation factor Tu is induced while the factor is bound to the ribosome. Van Noort JM, et al. **Proc Natl Acad Sci USA** 1985 May; 82(10):3212-6

Molecular model of ribosome frameshifting. Weiss RB. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5797-801

[Photochemical affinity labeling of the macrolide binding site on the 70S E. coli ribosome] Siegrist S, et al. **C R Acad Sci [III]** 1984;299(3):49-51 (Eng. Abstr.) **(Fre)**

[Protein of membrane-bound liver ribosomes changing after exposure of an organism to various factors] Berdinskikh NK, et al. **Biokhimiia** 1984 Aug;49(8):1275-80 (Eng. Abstr.) **(Rus)**

[Availability of DNP-modified 5'- and 3'-ends of the poly(U) fragment bound to the 30S ribosomal subunit for interaction with antibodies] Evstaf'eva AG, et al. **Biokhimiia** 1984 Jul; 49(7):1059-65 (Eng. Abstr.) **(Rus)**

[Study of the ribosome mRNA-binding region during different stages of translation. I. Functional activity of mRNA analogs, AUGU6 and its benzylidene derivatives, in ribosome-dependent protein synthesis] Babkina GT, et al. **Bioorg Khim** 1983 Nov;9(11):1535-43 (Eng. Abstr.) **(Rus)**

[Role of temperature in reconstructing the ribosomal 30S subunit] Agalarov SCh, et al. **Dokl Akad Nauk SSSR** 1984; 278(5):1247-50 **(Rus)**

[Changes in the intramolecular mobility of protein L7/L12 resulting from the addition of elongation factor G to the ribosomes] Gonzadze GM, et al. **Dokl Akad Nauk SSSR** 1984 Nov-Dec;279(1):230-2 **(Rus)**

[Stereochemical modeling of ribosomal translocation] Lim VI, et al. **Dokl Akad Nauk SSSR** 1985;282(6):1502-7 **(Rus)**

[Ribosomal proteins interacting with Phe-tRNAPhe during enzymatic binding with translating ribosome before and after the release of the elongation factor EF-Tu] Abdurashidova GG, et al. **Mol Biol (Mosk)** 1985 May-Jun; 19(3):800-4 (Eng. Abstr.) **(Rus)**

[Photoaffinity modification of Escherichia coli ribosomes near the tRNA-binding centers by tRNAPhe derivatives carrying arylazido groups on guanosine residues] Babkina GT, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1306-10 (Eng. Abstr.) **(Rus)**

[Affinity modification of Escherichia coli ribosomes near the acceptor tRNA-binding site] Babkina GT, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1287-96 (Eng. Abstr.) **(Rus)**

[Study of the photoaffinity modification of Escherichia coli ribosomes near the donor tRNA-binding center] Bausk EV, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):545-52 (Eng. Abstr.) **(Rus)**

[Affinity modification of Escherichia coli ribosomes with photoactivated analogs of mRNA] Gimautdinova OI, et al. **Mol Biol (Mosk)** 1984 Jul-Aug;18(4):907-18 (Eng. Abstr.) **(Rus)**

[Puromycin interacts with the donor (P) site of Escherichia coli ribosomes] Ivanov IuV, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1301-5 (Eng. Abstr.) **(Rus)**

[tRNA-binding centers of Escherichia coli ribosomes and their structural organization] Karpova GG. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1194-207 (65 ref.) (Eng. Abstr.) **(Rus)**

[Binding of the yeast phenylalanine tRNA with Escherichia coli ribosomes. Effect of the removal of a modified base from the 3'-end of the anticodon on codon-anticodon interaction] Katunin VI, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1486-96 (Eng. Abstr.) **(Rus)**

[Interaction of tRNA with ribosomes] Kirillov SV, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1249-63 (85 ref.) (Eng. Abstr.) **(Rus)**

[Stimulation of peptidyltransferase activity of 50S subunits by alcohols] Maimets TO, et al. **Mol Biol (Mosk)** 1985 May-Jun;19(3):617-22 (Eng. Abstr.) **(Rus)**

[Protein L16 of the Escherichia coli ribosome: possible role in protein biosynthesis] Maimets TO, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1597-605 (Eng. Abstr.) **(Rus)**

[How do ribosome binding sites recognize the functional state of tRNA?] Makarov EM, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1342-7 (Eng. Abstr.) **(Rus)**

[The effect of the antibiotic edeine on tRNA interaction with A, P and E sites of Escherichia coli 70S ribosomes] Semenkov IuP, et al. **Mol Biol (Mosk)** 1984 Sep-Oct; 18(5):1348-51 (Eng. Abstr.) **(Rus)**

[Mechanism of the stereospecific stabilization of codon-anticodon complexes in ribosomes during translation] Potapov AP. **Zh Obshch Biol** 1985 Jan-Feb; 46(1):63-77 (83 ref.) (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Translational modulation in vitro of a eukaryotic viral mRNA encoding overlapping genes: ribosome scanning and potential roles of conformational changes in the P/C mRNA of Sendai virus. Gupta KC, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):91-7

Temperature-sensitive translation of MS2 bacteriophage RNA. Armstrong-Major J, et al. **Biochim Biophys Acta** 1985 Feb 20;824(2):140-5

Augmentation of cholesterol esterification in the microsomal membrane by the removal of membrane-bound ribosomes. Hashimoto S. **Exp Mol Pathol** 1984 Dec;41(3):321-30

Ribosomal suppressors in Podospora anserina: evidence for two new loci by means of a new screening procedure. Dequard-Chablat M. **Genet Res** 1985 Feb;45(1):9-19

The induction of ribosome biosynthesis in a nonmitotic secretory tissue. Schmidt T, et al. **J Biol Chem** 1985 Jun 25;260(12):7645-50

Evidence for the presence of an inhibitor on ribosomes in mouse L cells infected with mengovirus. Pensiero MN, et al. **J Virol** 1985 Oct;56(1):161-71

Optimization of translation accuracy. Kurland CG, et al. **Prog Nucleic Acid Res Mol Biol** 1984;31:191-219 (90 ref.)

RADIATION EFFECTS

Photo-induced protein cross-linking to 5S RNA and 28-5.8S RNA within rat-liver 60S ribosomal subunits. Paleologue A, et al. **Eur J Biochem** 1985 Jun 18;149(3):525-9

ULTRASTRUCTURE

Evolving ribosome structure: domains in archaebacteria, eubacteria, eocytes and eukaryotes. Lake JA. **Annu Rev Biochem** 1985;54:507-30 (120 ref.)

Comparison of eubacterial and eukaryotic 5S RNA structures: a chemical modification study. Kjems J, et al. **Biochemistry** 1985 Jan 15;24(2):241-50

Effects of cations and cosolvents on eukaryotic ribosomal subunit conformation. Moore MN, et al. **Biochemistry** 1985 Jan 1;24(1):191-6

Ribosome structure: binding site of macrolides studied by photoaffinity labeling. Tejedor F, et al. **Biochemistry** 1985 Jan 15;24(2):467-72

Perturbation of ribosome subunit interaction by glutaraldehyde fixation. Crossin MC, et al. **Biophys Chem** 1984 Aug;20(1-2):95-105

Subcellular distribution of ribosomal proteins S6 and eL12. Analysis by autoradiography and immunofluorescence of sections from oocytes of Xenopus laevis. Darmer D, et al. **Cell Tissue Res** 1984;237(2):353-6

Fine structure of the 30 S ribosomal subunit. Kiselev NA, et al. **FEBS Lett** 1985 Jul 1;186(1):21-5

Mobile domains in ribosomes revealed by proton nuclear magnetic resonance. Cowgill CA, et al. **J Biol Chem** 1984 Dec 25;259(24):15257-63

Localization of sites of photoaffinity labeling of the large subunit of Escherichia coli ribosomes by arylazide derivative of puromycin. Olson HM, et al. **J Biol Chem** 1985 Aug 25;260(18):10326-31

Three-dimensional reconstruction of the 30 S ribosomal subunit from randomly oriented particles. Verschoor A, et al. **J Mol Biol** 1984 Sep 25;178(3):677-98

Comparative electron microscopic study on the location of ribosomal proteins S3 and S7 on the surface of the E. coli 30S subunit using monoclonal and conventional antibody. Breitenreuter G, et al. **MGG** 1984;197(2):189-95

A universal model for the secondary structure of 5.8S ribosomal RNA molecules, their contact sites with 28S ribosomal RNAs, and their prokaryotic equivalent. Vaughn JC, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7479-502

Structure, function and evolution of 5-S ribosomal RNAs. Delihas N, et al. **Prog Nucleic Acid Res Mol Biol** 1984; 31:161-90 (102 ref.)

RIBOSTAMYCIN see under **ANTIBIOTICS**

RIBS

Surgical palliation of respiratory insufficiency secondary to massive exuberant polyostotic fibrous dysplasia of the ribs. King RM, et al. **Ann Thorac Surg** 1985 Feb;39(2):185-7

Primary chest wall tumors. Sabanathan S, et al. **Ann Thorac Surg** 1985 Jan;39(1):4-15

Costo-iliac impingement syndrome. Wynne AT, et al. **J Bone Joint Surg [Br]** 1985 Jan;67(1):124-5

Computed tomography of parosteal osteosarcoma of the rib. Kawa S, et al. **J Comput Tomogr** 1985 Jul;9(3):269-73

Cartilaginous tumours of rib. Sabanathan S, et al. **J R Coll Surg Edinb** 1984 Nov;29(6):363-6

Histopathology of tumorous ribs: a review of 130 cases. Eskenasy A. **Morphol Embryol (Bucur)** 1985 Jan-Mar; 31(1):35-50

Benign fibrous histiocytoma of the left 8th rib. Case report 328. Clark TD, et al. **Skeletal Radiol** 1985;14(2):149-51

Enchondroma protuberans of the rib. Keating RB, et al. **Skeletal Radiol** 1985;13(1):55-8

Scoliogenic osteoblastoma of the posterior end of the rib [letter] Greenspan A. **Spine** 1984 Nov-Dec;9(8):841-2

Thoracic cord compression from chondroma of rib. A case report. Tomita K, et al. **Spine** 1984 Jul-Aug;9(5):535-8

[Surgical treatment of 46 cases of dendrolimus chondritis of the rib] Tang CF. **Chung Hua Wai Ko Tsa Chih** 1984 Apr; 22(4):232-3 (Eng. Abstr.) **(Chi)**

[Transitional rib syndrome] Zhang YX. **Chung Hua Wai Ko Tsa Chih** 1984 Sep;22(9):551, 574 (Eng. Abstr.) **(Chi)**

[Tumors and pseudotumors of the ribs] Novák K, et al. **Rozhl Chir** 1985 Jan;64(1):21-6 (Eng. Abstr.) **(Cze)**

[Differential diagnosis of primary bone tumors and tumor-like lesions of the ribs] Freyschmidt J, et al. **ROFO** 1985 Jan;142(1):1-10 (Eng. Abstr.) **(Ger)**

[Thoracic pain, dyspnea] Baumgart P, et al. **Schweiz Rundsch Med Prax** 1985 Jun 18;74(25):684-7 (Eng. Abstr.) **(Ger)**

[Primary tumors of the thoracic wall in children. Description of 8 cases] Castello MA, et al. **Minerva Pediatr** 1984 Nov 15;36(21):1075-82 (Eng. Abstr.) **(Ita)**

[A case of chondrosarcoma of rib origin with intrathoracic extension] Kadokura M, et al. **Kyobu Geka** 1984 Sep; 37(10):804-8 (Eng. Abstr.) **(Jpn)**

[A case of osteochondroma (cartilagenous exostosis) originating from the fourth rib and simulating posterior mediastinal tumor] Okada K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Sep;22(9):815- (Eng. Abstr.) **(Jpn)**

ABNORMALITIES

Cerebrocostomandibular syndrome. Case report and literature review. Smith KG, et al. **Clin Pediatr (Phila)** 1985 Apr;24(4):223-5

Intrathoracic rib--CT features of a rare chest wall anomaly. Stark P, et al. **Comput Radiol** 1984 Nov-Dec;8(6):365-7

Cervical vertebral-costal process (costovertebral bone)--a previously unreported anomaly. A case report. Goodwin CB, et al. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1477-9

Costovertebral anomalies in osteogenesis imperfecta. Versfeld GA, et al. **J Bone Joint Surg [Br]** 1985 Aug; 67(4):602-4

Cerebro-costo-mandibular syndrome with consanguinity. Clarke EA, et al. **Pediatr Radiol** 1985;15(4):264-6

Fifteen dorsal vertebrae and rib pairs in two siblings. Melhem RE, et al. **Pediatr Radiol** 1985;15(1):61-2

Developmental toxicity of the cyanogenic glycoside linamarin in the golden hamster. Frakes RA, et al. **Teratology** 1985 Apr;31(2):241-6

A postulated mechanism of beta-sympathomimetic induction of rib and limb anomalies in rat fetuses. Sterz H, et al. **Teratology** 1985 Jun;31(3):401-12

[Occurrence of cervical ribs in prenatal toxicologic studies with alcohol in mice] Bleyl DW. **Anat Anz** 1984;157(1):91-3 **(Ger)**

[Intrathoracic ribs] Wilamski E, et al. **Pol Przegl Radiol (Warszawa)** 1984 Jul-Aug;48(4):203- (Eng. Abstr.) **(Pol)**

ANATOMY & HISTOLOGY

Age estimation from the rib by phase analysis: white males. Işcan MY, et al. **J Forensic Sci** 1984 Oct;29(4):1094-104

A pseudolesion of the liver caused by rib cartilage in B-mode ultrasonography. Bönhof JA, et al. **J Ultrasound Med** 1985 Mar;4(3):135-7

BLOOD SUPPLY

Traumatic intercostal arterio-venous fistula with pseudoaneurysm: a case report. Sastic LM, et al. **Del Med J** 1984 Oct;56(10):581-3

INJURIES

Stress fracture of the ipsilateral first rib in a pitcher. Gurtler R, et al. **Am J Sports Med** 1985 Jul-Aug;13(4):277-9

Tuberculous empyema necessitatis with a rib floating in pleural cavity. Gupta JP, et al. **J Indian Med Assoc** 1984 Nov;82(11):412-3

[The slipping rib syndrome in athletes] Greĭda BP. **Vestn Khir** 1985 Apr;134(4):77-8 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Metamorphosis at the sternal rib end: a new method to estimate age at death in white males. Işcan MY, et al. **Am J Phys Anthropol** 1984 Oct;65(2):147-56

Rib lesions in chronic pulmonary tuberculosis. Kelley MA, et al. **Am J Phys Anthropol** 1984 Dec;65(4):381-6

Sternocostoclavicular hyperostosis. A case report and review of the literature. Goossens M, et al. **Clin Orthop** 1985 Apr; (194):164-8

Age estimation from the rib by phase analysis: white females. Işcan MY, et al. **J Forensic Sci** 1985 Jul;30(3):853-63

Rib sarcoma with multiple bone metastases. Proceedings of the Tumor Board of the Children's Hospital of Philadelphia [clinical conference] Mitchell CD. **Med Pediatr Oncol** 1985; 13(5):298-300

Painless fibro-osseous lesion of the rib resembling osteoid osteoma: a report of six cases. McCarthy EF, et al. **Skeletal Radiol** 1985;13(4):263-6

[Secondary echinococcosis--asymptomatic course of echinococcosis of the left kidney and the 11th and 12th ribs] Tsvetkov M, et al. **Khirurgiia (Sofiia)** 1985;38(1):47-50 **(Bul)**

[Malignant pleural mesothelioma with invasion to the ribs and the spine--report of a case] Fujiwara S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Feb;33(2):255-9 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Relationship between parasternal intercostal length and rib cage displacement in dogs. Decramer M, et al. **J Appl Physiol** 1985 May;58(5):1517-20

Respiratory mechanical effects of abdominal distension. Gilroy RJ Jr, et al. **J Appl Physiol** 1985 Jun;58(6):1997-2003

Inspiratory muscle function with restrictive chest wall loading during exercise in normal humans. Hussain SN, et al. **J Appl Physiol** 1985 Jun;58(6):2027-32

Effects of separate rib cage and abdominal restriction on exercise performance in normal humans. Hussain SN, et al. **J Appl Physiol** 1985 Jun;58(6):2020-6

Effects of paralysis with pancuronium on chest wall statics in awake humans. Kimball WR, et al. **J Appl Physiol** 1985 May;58(5):1638-45

Rib cage distortion during voluntary and involuntary breathing acts. McCool FD, et al. **J Appl Physiol** 1985 May;58(5):1703-12

Action of abdominal muscles on rib cage in humans. Mier A, et al. **J Appl Physiol** 1985 May;58(5):1438-43

Mechanics of intercostal space and actions of external and internal intercostal muscles. De Troyer A, et al. **J Clin Invest** 1985 Mar;75(3):850-7

The respiratory activity of human levator costae muscles and its modification by posture. Goldman MD, et al. **J Physiol (Lond)** 1985 May;362:189-204

Effect of thoracoabdominal configuration on the diaphragmatic contribution to rib cage motion. Park SS, et al. **Lung** 1984;162(4):205-21

Mechanical coupling between the ribs and sternum in the dog. De Troyer A, et al. **Respir Physiol** 1985 Jan; 59(1):27-34

PHYSIOPATHOLOGY

Relationship between respiratory muscle electromyogram and rib cage motion in tetraplegia. Estenne M, et al. **Am Rev Respir Dis** 1985 Jul;132(1):53-9

The contributions of rib cage and abdominal displacements to the hyperinflation of acute bronchospasm. Lennox S, et al. **Am Rev Respir Dis** 1985 Sep;132(3):679-84

Assessment of asynchronous and paradoxic motion between rib cage and abdomen in normal subjects and in patients with chronic obstructive pulmonary disease. Sackner MA, et al. **Am Rev Respir Dis** 1984 Oct;130(4):588-93

[Rare case of bilateral non-ossification of the epiphyseal nucleus of the tuberculum of the first rib] Montagnani A. **Chir Organi Mov** 1982-83;68(4-6):823-4 (Eng. Abstr.) **(Ita)**

RADIOGRAPHY

Oblique rib views after blunt chest trauma: an unnecessary routine? Danher J, et al. **Br Med J [Clin Res]** 1984 Nov 10;289(6454):1271

CT observation of rib abnormalities: spectrum of findings. Edelstein G, et al. **J Comput Assist Tomogr** 1985 Jan-Feb; 9(1):65-72

Costal chondrosarcoma with pleural seeding: CT findings. Pandolfo I, et al. **J Comput Assist Tomogr** 1985 Mar-Apr; 9(2):408-9

Rib osteomyelitis in children. Early radiologic and ultrasonic findings. Bar-Ziv J, et al. **Pediatr Radiol** 1985;15(5):315-8

Early costochondral calcification in adolescent hyperthyroidism. Senac MO Jr, et al. **Radiology** 1985 Aug; 156(2):375-7

[The Jeune syndrome, asphyxiating thoracic dysplasia. A review and description of 2 siblings] Maarup LP, et al. **Ugeskr Laeger** 1985 May 20;147(21):1676-8 (Eng. Abstr.) **(Dan)**

[Microradiographic serial studies of ribs in adult dogs] Dämmrich K, et al. **Berl Munch Tierarztl Wochenschr** 1985 May 1;98(5):149-54 (Eng. Abstr.) **(Ger)**

[Compact costal islands in the differential diagnosis of small coin lesions in chest x-rays] Scheel W, et al. **Z Erkr Atmungsorgane** 1985;164(3):299-304 (Eng. Abstr.) **(Ger)**

[Radiological picture of degenerative changes in costovertebral joints] Arct W. **Chir Narzadow Ruchu Ortop Pol** 1984;49(5):469-72 (Eng. Abstr.) **(Pol)**

[Age and changes in rib cartilage according to x-ray findings] Turovtsev AI. **Sud Med Ekspert** 1984 Oct-Dec;27(4):30-1 (Eng. Abstr.) **(Rus)**

SURGERY

Thrombolytic therapy followed by first rib resection for spontaneous ('effort') subclavian vein thrombosis. Taylor LM Jr, et al. **Am J Surg** 1985 May;149(5):644-7

Brachial plexus injuries with causalgia resulting from transaxillary rib resection. Horowitz SH. **Arch Surg** 1985 Oct;120(10):1189-91

The eleventh rib transcostal incision: technique for an extrapleural approach. Riehle RA Jr, et al. **J Urol** 1984 Dec;132(6):1089-92

The supraclavicular approach to scalenectomy and first rib resection: description of technique. Sanders RJ, et al. **J Vasc Surg** 1985 Sep;2(5):751-6

An extrapleural approach with rib removal for the eleventh rib flank incision. Riehle RA Jr, et al. **Surg Gynecol Obstet** 1985 Sep;161(3):276-9

Anterior approach for resection of the first rib and total scalenotomy. Sendzischew H, et al. **Surg Gynecol Obstet** 1985 Mar;160(3):275-6

[Combined supra-infraclavicular approach for excision of the first rib in the treatment of the thoracic outlet syndrome] Gu YD. **Chung Hua Wai Ko Tsa Chih** 1984 Nov; 22(11):692-3, 703 (Eng. Abstr.) **(Chi)**

[On operative approaches in resection of the first rib] Zhang SF, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Jan;23(1):40-1, 63-4 (Eng. Abstr.) **(Chi)**

[Costal osteosynthesis by plating] Vichard P, et al. **Rev Chir Orthop** 1985;71(4):279-81 (Eng. Abstr.) **(Fre)**

[Report of transaxillary first rib resection in two cases of thoracic outlet syndrome] Fuwa S, et al. **Kyobu Geka** 1985 Mar;38(3):205-9 (Eng. Abstr.) **(Jpn)**

[Method of thoracoplasty of funnel chest] Kondrashin NI. **Ortop Travmatol Protez** 1984 Dec;(12):22-4 **(Rus)**

[Complications, errors and hazards of the surgical correction of the spine and thorax in severe forms of scoliosis] Shevchenko SD. **Ortop Travmatol Protez** 1985 Mar; (3):63-9 **(Rus)**

TRANSPLANTATION

Circulation, bone scans, and tetracycline labeling in microvascularized and vascular bundle implanted rib grafts. Lalonde DH, et al. **Ann Plast Surg** 1984 Nov;13(5):366-74

The vascular pattern and viability of microvascularized rib grafts based on periosteal circulation--an experimental study. Papanastasiou VW, et al. **Ann Plast Surg** 1984 Nov; 13(5):375-82

Rib-latissimus dorsi osteomyocutaneous flap in reconstruction of a mandibular defect. Maruyama Y, et al. **Br J Plast Surg** 1985 Apr;38(2):234-7

Laryngotracheoplasty with costochondral grafts--a clinical correlate of graft survival. Pashley NR, et al. **Laryngoscope** 1984 Nov;94(11 Pt 1):1493-6

Rib transposition vascularized bone grafts. Hemodynamic assessment of donor rib graft and recipient vertebral body. Shaffer JW, et al. **Spine** 1984 Jul-Aug;9(5):448-9

[Complete sternal fissure. Use of autogenic grafts in modified surgery] Navarro Gomez A, et al. **Chir Pediatr** 1985; 26(1):44-5 (Eng. Abstr.) **(Fre)**

[Unwanted late results following augmentative alveolar ridge-plasty of the mandible using autologous rib transplants] Koberg W. **Fortschr Kiefer Gesichtschir** 1985; 30:41-6 **(Ger)**

[Errors and dangers in rib cartilage and rib removal] Weerda H. **Laryngol Rhinol Otol (Stuttg)** 1985 Apr;64(4):221-2 **(Ger)**

[Measurements of blood supply of freely transplanted rib and iliac crest grafts by the tracer microsphere method] Faupel L, et al. **Unfallchirurgie** 1985 Apr;11(2):55-7 (Eng. Abstr.) **(Ger)**

[Use of an autologous rib in bone reconstruction of major defects in pseudoarthrosis] Bodrogi L, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1985; 28(1):83-6 (Eng. Abstr.) **(Hun)**

RIBULOSE see under **PENTOSES**

RIBULOSE DIPHOSPHATE CARBOXYLASE see **RIBULOSEBIPHOSPHATE CARBOXYLASE**

RIBULOSEBIPHOSPHATE CARBOXYLASE

ANALYSIS

[Purification and characterization of ribulose-1,5-diphosphate carboxylase in artichoke leaves. II. Molecular weight and oligomeric structure] Pacoda D, et al. **Boll Soc Ital Biol Sper** 1985 May 30;61(5):655-62 (Eng. Abstr.) **(Ita)**

BIOSYNTHESIS

Large-scale preparation of ribulosebisphosphate carboxylase from a recombinant system in Escherichia coli characterized by extreme plasmid instability. Pierce J, et al. **Appl Environ Microbiol** 1985 May;49(5):1094-100

The properties of the large subunit of maize ribulose bisphosphate carboxylase/oxygenase synthesised in Escherichia coli. Gatenby AA. **Eur J Biochem** 1984 Oct 15;144(2):361-6

DNA-directed in vitro synthesis and assembly of the form II D-ribulose-1,5-bisphosphate carboxylase/oxygenase from Rhodopseudomonas sphaeroides. Chory J, et al. **J Bacteriol** 1985 Jan;161(1):307-13

BLOOD

Where does phosphoglycolate come from in red cells? Fujii S, et al. **Acta Haematol (Basel)** 1985;73(1):26-30

GENETICS

Complete sequence of one of the mRNAs coding for the small subunit of ribulose bisphosphate carboxylase of Nicotiana sylvestris. Pinck M, et al. **Biochimie** 1984 Jul-Aug;66(7-8):539-45

Tissue-specific and light-regulated expression of a pea nuclear gene encoding the small subunit of ribulose-1,5-bisphosphate carboxylase. Coruzzi G, et al. **EMBO J** 1984 Aug;3(8):1671-9

Cloning and expression in Escherichia coli of the form II ribulose 1,5-bisphosphate carboxylase/oxygenase gene from Rhodopseudomonas sphaeroides. Quivey RG Jr, et al. **Gene** 1984 Nov;31(1-3):91-101

Construction and use of a gene bank of Alcaligenes eutrophus in the analysis of ribulose bisphosphate carboxylase genes. Andersen K, et al. **J Bacteriol** 1984 Sep;159(3):973-8

Coordinate expression of hydrogenase and ribulose bisphosphate carboxylase in Rhizobium japonicum Hupc mutants. Merberg D, et al. **J Bacteriol** 1984 Oct; 160(1):448-50

Cloning and characterization of the gene product of the form II ribulose-1,5-bisphosphate carboxylase gene of Rhodopseudomonas sphaeroides. Muller ED, et al. **J Bacteriol** 1985 Jan;161(1):469-72

Effects of light, oxygen, and substrates on steady-state levels of mRNA coding for ribulose-1,5-bisphosphate carboxylase and light-harvesting and reaction center polypeptides in Rhodopseudomonas sphaeroides. Zhu YS, et al. **J Bacteriol** 1985 Jun;162(3):925-32

Site-specific mutagenesis of ribulose-1,5-bisphosphate carboxylase/oxygenase. Evidence that carbamate formation at Lys 191 is required for catalytic activity. Estelle M, et al. **J Biol Chem** 1985 Aug 15;260(17):9523-6

Functional determinants in transit sequences: import and partial maturation by vascular plant chloroplasts of the ribulose-1,5-bisphosphate carboxylase small subunit of Chlamydomonas. Mishkind ML, et al. **J Cell Biol** 1985 Jan; 100(1):226-34

Photoregulation of the biosynthesis of ribulose bisphosphate carboxylase. Ellis RJ, et al. **J Embryol Exp Morphol** 1984 Nov;83 Suppl:163-78

Sequence of a genomic DNA clone for the small subunit of ribulose bis-phosphate carboxylase-oxygenase from tobacco. Mazur BJ, et al. **Nucleic Acids Res** 1985 Apr 11; 13(7):2373-86

In vitro expression of chloroplast genes in lysates of higher plant chloroplasts. Bard J, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):3983-7

Cotranscription of genes encoding the small and large subunits of ribulose-1,5-bisphosphate carboxylase in the cyanobacterium Anabaena 7120. Nierzwicki-Bauer SA, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):5961-5

DNA supercoiling affects in vitro transcription of two maize chloroplast genes differently. Stirdivant SM, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4886-90

Expression and assembly of active cyanobacterial ribulose-1,5-bisphosphate carboxylase/oxygenase in Escherichia coli containing stoichiometric amounts of large and small subunits. Tabita FR, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6100-3

[Structure, expression and evolution of the genes for a photosynthetic apparatus: RuBisCO (fraction I protein) genes as a model system] Shinozaki K. **Tanpakushitsu Kakusan Koso** 1984 Oct;29(10):774-94 (84 ref.) **(Jpn)**

ISOLATION & PURIFICATION

Factors affecting the dissociation and reconstitution of ribulose-1,5-bisphosphate carboxylase/oxygenase from Aphanothece halophytica. Incharoensakdi A, et al. **Arch Biochem Biophys** 1985 Mar;237(2):445-53

Subunit dissociation and reconstitution of ribulose-1,5-bisphosphate carboxylase from Chromatium vinosum. Jordan DB, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):487-96

Crystalline ribulose bisphosphate carboxylase/oxygenase of high integrity and catalytic activity from Nicotiana tabacum. Servaites JC. **Arch Biochem Biophys** 1985 Apr; 238(1):154-60

Isolation of L8 and L8S8 forms of ribulose bisphosphate carboxylase/oxygenase from Chromatium vinosum. Torres-Ruiz JA, et al. **Arch Microbiol** 1985 Jun; 142(1):55-60

Single and twinned crystals of ribulose-1,5-bisphosphate carboxylase-oxygenase from Alcaligenes eutrophus. Pal GP, et al. **J Biol Chem** 1985 Sep 5;260(19):10768-70

[Purification and characterization of ribulose-1,5-diphosphate carboxylase in artichoke leaves. I. Isolation and purification] Miceli A, et al. **Boll Soc Ital Biol Sper** 1985 May 30;61(5):647-54 (Eng. Abstr.) **(Ita)**

METABOLISM

Catalytically active hybrids formed in vitro between large and small subunits of different procaryotic ribulose bisphosphate carboxylases. Andrews TJ, et al. **Arch Biochem Biophys** 1984 Oct;234(1):313-7

Inhibition and stimulation of ribulose-1,5-bisphosphate carboxylase/oxygenase by glyoxylate. Cook CM, et al. **Arch Biochem Biophys** 1985 Jul;240(1):392-401

Characterization of an active-site peptide modified by glyoxylate and pyridoxal phosphate from spinach ribulosebisphosphate carboxylase/oxygenase. Cook CM, et al. **Arch Biochem Biophys** 1985 Jul;240(1):402-12

Heterologous hybridization of ribulose 1,5-bisphosphate carboxylase/oxygenase (RuBisCO) restores the enzyme activities. Incharoensakdi A, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):698-704

Energy transfer from tryptophan residues to pyridoxal 5'-phosphate at the active site of ribulose-1,5-bisphosphate carboxylase/oxygenase. Verma NC, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):256-61

Carbon isotope effect on carboxylation of ribulose bisphosphate catalyzed by ribulosebisphosphate carboxylase from Rhodospirillum rubrum. Roeske CA, et al. **Biochemistry** 1985 Mar 26;24(7):1603-7

Effect of zinc deficiency on kinetics of ribulose-1,5-biphosphate carboxylase of Oryza sativa L. and Pennisetum americanum (L.) Leeke. Seethambaram Y, et al. **Indian J Biochem Biophys** 1985 Feb;22(1):27-30

Catalytic properties of a hybrid between cyanobacterial large subunits and higher plant small subunits of ribulose bisphosphate carboxylase-oxygenase. Andrews TJ, et al. **J Biol Chem** 1985 Apr 25;260(8):4632-6

Precursors to two nuclear-encoded chloroplast proteins bind to the outer envelope membrane before being imported into chloroplasts. Cline K, et al. **J Biol Chem** 1985 Mar 25;260(6):3691-6

Partition kinetics of ribulose-1,5-bisphosphate carboxylase from Rhodospirillum rubrum. Jaworowski A, et al. **J Biol Chem** 1985 Jan 25;260(2):944-8

Structural characterization and the determination of negative cooperativity in the tight binding of 2-carboxyarabinitol bisphosphate to higher plant ribulose bisphosphate carboxylase. Johal S, et al. **J Biol Chem** 1985 Aug 15; 260(17):9894-904

The stereochemical course of the ribulose-5-phosphate kinase-catalyzed reaction. Miziorko HM, et al. **J Biol Chem** 1984 Nov 10;259(21):13037-40

Functional determinants in transit sequences: import and partial maturation by vascular plant chloroplasts of the ribulose-1,5-bisphosphate carboxylase small subunit of Chlamydomonas. Mishkind ML, et al. **J Cell Biol** 1985 Jan; 100(1):226-34

Targeting of a foreign protein to chloroplasts by fusion to the transit peptide from the small subunit of ribulose 1,5-bisphosphate carboxylase. Van den Broeck G, et al. **Nature** 1985 Jan 31-Feb 6;313(6001):358-63

RIBULOSEPHOSPHATES see under **PENTOSEPHOSPHATES**

RICE

Swamp rice farming: possible effects on endemicity of schistosomiasis mansoni and haematobia in a population in Liberia. Kazura JW, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):107-11

Food contamination [letter] Kawane H. **Arch Intern Med** 1984 Oct;144(10):2100

The complementation effects on dietary protein of ungerminated and germinated mung bean (Phaseolus aureus) with rice. Noor MI, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):366-75

Digestibility of proteins of the histological components of cooked and raw rice. Bradbury JH, et al. **Br J Nutr** 1984 Nov;52(3):507-13

The effect of sugar mill effluent on enzyme activities of rice seedlings. Behera BK, et al. **Environ Res** 1985 Aug; 37(2):390-8

Evaluation of Bacillus sphaericus & B. thuringiensis H-14 for mosquito control in rice fields. Kramer V. **Indian J Med Res** 1984 Dec;80:642-8

Differentiation between Xanthomonas campestris pv. oryzae, Xanthomonas campestris pv. oryzicola and the bacterial 'brown blotch' pathogen on rice by numerical analysis of phenotypic features and protein gel electrophoregrams. Vera Cruz CM, et al. **J Gen Microbiol** 1984 Nov;130 (Pt 11):2983-99

Utilization of soy protein isolate mixed with rice protein in Japanese women. Kaneko K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Feb;31(1):99-106

Airborne endotoxins in a rice production commune in the People's Republic of China. Olenchock SA, et al. **J Toxicol Environ Health** 1984;13(4-6):545-51

Osmolality of rice water, dextrose-saline solution and formula milk--implication in the management of infantile gastroenteritis. Ho TF, et al. **J Trop Pediatr** 1985 Apr; 31(2):89-92

Rice bran treatment for patients with hypercalciuric stones: experimental and clinical studies. Ohkawa T, et al. **J Urol** 1984 Dec;132(6):1140-5

Mothers can prepare and use rice-salt oral rehydration solution in rural Bangladesh. Rahman AS, et al. **Lancet** 1985 Sep 7;2(8454):539-40

[Studies on an antitumor polysaccharide RBS derived from rice bran. I. Preparation, physico-chemical properties, and biological activities of RBS] Ito E, et al. **Yakugaku Zasshi** 1985 Feb;105(2):188-93 (Eng. Abstr.) **(Jpn)**

[Characteristics of the working conditions and of the body function of rice growers in mechanized rice harvesting] Izmaĭlova GD, et al. **Gig Tr Prof Zabol** 1984 Sep;(9):4-7 (Eng. Abstr.) **(Rus)**

[Prosobee as a substitute in a rice preparation] Michaličková J. **Cesk Pediatr** 1984 Jul;39(7):424-5 **(Slo)**

ADVERSE EFFECTS

Rice millers' syndrome: a preliminary report. Lim HH, et al. **Br J Ind Med** 1984 Nov;41(4):445-9

[Intolerance to rice: a food intolerance uncommon in children] Tedeschi A, et al. **Pediatrie** 1984 Jun;39(4):289-90 (Eng. Abstr.) **(Fre)**

[Keratitis caused by rice husks--an important cause of blindness in developing countries] Verin P, et al. **Fortschr Ophthalmol** 1984;81(5):418-20 (Eng. Abstr.) **(Ger)**

ANALYSIS

Simple method for isolation of 4-deoxynivalenol from rice inoculated with Fusarium graminearum. Ehrlich KC, et al. **Appl Environ Microbiol** 1984 Nov;48(5):1053-4

Mode of action of natural inactivator proteins from corn and rice on a purified assimilatory nitrate reductase. Solomonson LP, et al. **Arch Biochem Biophys** 1984 Sep; 233(2):469-74

The persistence of phorate and carbofuran in soil and rice plants. Singh G, et al. **Beitr Trop Landwirtsch Veterinarmed** 1985;23(1):59-63

Effect of cooking on levels of ethylene dibromide residues in rice. Clower M Jr, et al. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):710-1

Spectrophotometric determination of phosphine residues in rice. Rangaswamy JR, et al. **J Assoc Off Anal Chem** 1985 Mar-Apr;68(2):205-8

Role of rice in dietary cadmium intake of farming population with no known man-made pollution in Japan. Watanabe T, et al. **Tohoku J Exp Med** 1984 Sep;144(1):83-90

ENZYMOLOGY

Influence of zinc deficiency on levels of superoxide dismutase, catalase and lipid peroxidation in rice and pearl millet. Seethambaram Y, et al. **Indian J Biochem Biophys** 1984 Aug;21(4):248-50

GENETICS

Restriction map & partial sequence of a rice DNA fragment carrying histone genes H2A, H2B & H4. Thomas G, et al. **Indian J Biochem Biophys** 1984 Feb;21(1):1-6

Cytochrome oxidase subunit II gene of rice has an insertion sequence within the intron. Kao T, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7305-15

METABOLISM

Persistence of aldrin in flooded soil under the cover of rice. Singh G, et al. **Ecotoxicol Environ Safety** 1985 Jun; 9(3):294-9

Transport of calcium, germanium and rubidium ions in rice seedlings in deuterium oxide. Shibabe S, et al. **Radioisotopes** 1984 Sep;33(9):606-10

Hydrogen isotope effect on transport of potassium ion in rice seedlings equilibrated with deuterium oxide. Shibabe S, et al. **Radioisotopes** 1984 Oct;33(10):675-9

POISONING

Polychlorinated biphenyls, dibenzofurans and quaterphenyls in toxic rice-bran oil and in the blood and tissues of patients with PCB poisoning (Yu-Cheng) in Taiwan. Chen PH, et al. **Environ Health Perspect** 1985 Feb;59:59-65

Discovery and epidemiology of PCB poisoning in Taiwan: a four-year followup. Hsu ST, et al. **Environ Health Perspect** 1985 Feb;59:5-10

PCBs, PCQs and PCDFs in blood of Yusho and Yu-Cheng patients. Kashimoto T, et al. **Environ Health Perspect** 1985 Feb;59:73-8

Clinical findings and immunological abnormalities in Yu-Cheng patients. Lü YC, et al. **Environ Health Perspect** 1985 Feb;59:17-29

PCB and PCDF congeners in the blood and tissues of Yusho and Yu-Cheng patients. Masuda Y, et al. **Environ Health Perspect** 1985 Feb;59:53-8

PCBs, PCQs and PCDFs in tissues of Yusho and Yu-Cheng patients. Miyata H, et al. **Environ Health Perspect** 1985 Feb;59:67-72

Respiratory involvement and immune status in Yusho patients. Nakanishi Y, et al. **Environ Health Perspect** 1985 Feb;59:31-6

Surveys of workers occupationally exposed to PCBs and of Yusho patients. Takamatsu M, et al. **Environ Health Perspect** 1985 Feb;59:91-7

Past and current dermatological status of Yusho patients. Urabe H, et al. **Environ Health Perspect** 1985 Feb;59:11-5

Relationship between the amount of rice oil ingested by patients with Yusho and their subjective symptoms. Yoshimura T, et al. **Environ Health Perspect** 1985 Feb; 59:47-51

RICIN

see related
RICINUS

The removal of carbohydrates from ricin with endoglycosidases H, F and D and alpha-mannosidase. Foxwell BM, et al. **Biochim Biophys Acta** 1985 Jun 18; 840(2):193-203

Immunotoxins: redirecting nature's poisons. Vitetta ES, et al. **Cell** 1985 Jul;41(3):653-4 (17 ref.)

ADMINISTRATION & DOSAGE

The use of immunotoxins containing ricin A or B chains to kill neoplastic B cells. Vitetta ES, et al. **Ann NY Acad Sci** 1985;446:228-36

Evaluation of monoclonal antibodies for the development of breast cancer immunotoxins. Bjorn MJ, et al. **Cancer Res** 1985 Mar;45(3):1214-21

Effects of ricin A chain conjugates of monoclonal antibodies to human alpha-fetoprotein and placental alkaline phosphatase on antigen-producing tumor cells in culture. Tsukazaki K, et al. **Cancer Res** 1985 Apr;45(4):1834-8

Cytotoxic effect of anti-Mr 67,000 protein immunotoxins on human tumors in a nude mouse model. Weil-Hillman G, et al. **Cancer Res** 1985 Mar;45(3):1328-36

Selective destruction of nerve growth factor receptor-bearing cells in vitro using a hybrid toxin composed of ricin A chain and a monoclonal antibody against the nerve growth factor receptor. DiStefano PS, et al. **J Cell Biol** 1985 Sep;101(3):1107-14

Effect of a monoclonal anti-carcinoembryonic antigen antibody-ricin A-chain conjugate on human carcinoembryonic antigen-producing tumor cells. Watanabe Y, et al. **J Pharmacobiodyn** 1984 Aug; 7(8):593-603

ANALYSIS

Ricin B chain and discoidin I share a common primitive protein fold. Robertus JD, et al. **J Biol Chem** 1984 Nov 25;259(22):13953-6

DIAGNOSTIC USE

EGF-ricin A conjugates: kinetic profiles of cytotoxic effects and resistant cell variants. Shimizu N, et al. **Cell Struct Funct** 1984 Sep;9(3):203-12

GENETICS

Nucleotide sequence of cloned cDNA coding for preproricin. Lamb FI, et al. **Eur J Biochem** 1985 Apr 15;148(2):265-70

IMMUNOLOGY

Autologous bone marrow transplantation with marrow decontaminated by immunotoxin T 101 in the treatment of leukemia and lymphoma: first clinical observations. Gorin NC, et al. **Cancer Treat Rep** 1985 Sep;69(9):953-9

[Selective cytotoxic effect of immunotoxin on erythroid tumor cells of mice] Tonevitskiĭ AG, et al. **Dokl Akad Nauk SSSR** 1985;282(2):485-8 **(Rus)**

[Cytotoxic properties of an immunotoxin interacting with mouse myeloma cells] Tonevitskiĭ AG, et al. **Dokl Akad Nauk SSSR** 1984;277(3):756-9 **(Rus)**

ISOLATION & PURIFICATION

A single affinity column step method for the purification of ricin toxin from castor beans (Ricinus communis). Simmons BM, et al. **Anal Biochem** 1985 Apr;146(1):206-10

Precursors of ricin and Ricinus communis agglutinin. Glycosylation and processing during synthesis and intracellular transport. Lord JM. **Eur J Biochem** 1985 Jan 15;146(2):411-6

METABOLISM

The role of binding ligand in toxic hybrid proteins: a comparison of EGF-ricin, EGF-ricin A-chain, and ricin. Herschman HR. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):551-7

Ribonuclease activity associated with the 60S ribosome-inactivating proteins ricin A, phytolaccin and Shiga toxin. Obrig TG, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):879-84

Effect of the chaotropic anions thiocyanate and perchlorate on the entry of ricin into Vero cells. Sandvig K, et al. **Biochem J** 1985 Jun 1;228(2):521-3

Suicide transport of ricin demonstrates the presence of substance P receptors on medullary somatic and autonomic motor neurons. Helke CJ, et al. **Brain Res** 1985 Feb 25; 328(1):190-5

Pharmacological studies of ricin in mice and humans. Godal A, et al. **Cancer Chemother Pharmacol** 1984;13(3):157-63

Evidence for a novel hybrid immunotoxin recognizing ricin A-chain by one antigen-combining site and a prostate-restricted antigen by the rema[illegible] antigen-combining site: potential fo[illegible]munotherapy. Webb KS, et al. **Cancer Treat Rep** 19[illegible]an;69(6):663-72

Endocytosis of an antibody ricin A-chain conjugate (immuno-A-toxin) adsorbed on colloidal gold. Effects of ammonium chloride and monensin. Carrière D, et al. **Exp Cell Res** 1985 Feb;156(2):327-40

Receptor-mediated endocytosis of a ricin-colloidal gold conjugate in vero cells. Intracellular routing to vacuolar and tubulo-vesicular portions of the endosomal system. van Deurs B, et al. **Exp Cell Res** 1985 Aug;159(2):287-304

The carriage and delivery of substances to lymphatic tissues by recirculating lymphocytes. I. The concentration of ricin in lymphocyte traffic areas. Sparshott SM, et al. **Immunology** 1985 Apr;54(4):731-43

Osmotically induced microinjection of ricin bypasses a ricin internalization defect in a Chinese hamster ovary mutant cell line. Ghosh PC, et al. **Mol Cell Biol** 1984 Jul; 4(7):1320-5

PHARMACODYNAMICS

Inhibition of protein synthesis by monoclonal anti-idiotypic antibody-ricin A chain conjugates in MOPC 315 myeloma cells. Marks A, et al. **Anticancer Res** 1985 Jul-Aug; 5(4):431-4

Optimal elimination of leukemic T cells from human bone marrow with T101-ricin A-chain immunotoxin. Casellas P, et al. **Blood** 1985 Feb;65(2):289-97

Use of multiple T cell-directed intact ricin immunotoxins for autologous bone marrow transplantation. Stong RC, et al. **Blood** 1985 Sep;66(3):627-35

Sensitivity of target cells to immunotoxins: possible role of cell-surface antigens. Colombatti M, et al. **Immunology** 1985 Jun;55(2):331-8

A dominant mutation to ricin resistance in Chinese hamster ovary cells induces UDP-GlcNAc:glycopeptide beta-4-N-acetylglucosaminyltransferase III activity. Campbell C, et al. **J Biol Chem** 1984 Nov 10; 259(21):13370-8

Carboxylic ionophores enhance the cytotoxic potency of ligand- and antibody-delivered ricin A chain. Raso V, et al. **J Exp Med** 1984 Oct 1;160(4):1234-40

Specific killing of lymphocytes that cause experimental autoimmune myasthenia gravis by ricin toxin-acetylcholine receptor conjugates. Killen JA, et al. **J Immunol** 1984 Nov; 133(5):2549-53

Variants of lymphoid lines produced with ricin A-chain monoclonal antibody conjugates. Lowe JA, et al. **J Immunol Methods** 1985 Jan 21;76(1):93-104

The effectiveness of anti-Ia-immunotoxins in the suppression of MLR. Nakahara K, et al. **Transplantation** 1985 Jul; 40(1):62-7

POISONING

The use of anti-ricin antibodies to protect mice intoxicated with ricin. Foxwell BM, et al. **Toxicology** 1985 Jan; 34(1):79-88

RADIATION EFFECTS

Radiation inactivation of ricin occurs with transfer of destructive energy across a disulfide bridge. Haigler HT, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5357-9

THERAPEUTIC USE

Deletion of neoplastic B cells by immunotoxins containing ricin A chains. Uhr JW, et al. **Asian Pac J Allergy Immunol** 1984 Jun;2(1):123-7

Adult T cell leukemia: a potential target for ricin A chain immunotoxins. Krönke M, et al. **Blood** 1985 Jun; 65(6):1416-21

Monoclonal antibodies and immunotoxins in bone marrow transplantation: purging marrow of ALL or GVHD cells with preservation of stem cells. Kersey JH, et al. **Hamatol Bluttransfus** 1985;29:34-8

Combined ex vivo treatment with immunotoxins and mafosfamid: a novel immunochemotherapeutic approach for elimination of neoplastic T cells from autologous marrow grafts. Uckun FM, et al. **J Immunol** 1985 May; 134(5):3504-15

[Value of T101 immunotoxin in bone marrow transplantation] Laurent G, et al. **Pathol Biol (Paris)** 1985 Mar;33(3):149-51 **(Fre)**

[Production and preclinical use of a monoclonal immunotoxin against laryngeal cancer cells] Zenner HP. **Laryngol Rhinol Otol (Stuttg)** 1984 Nov;63(11):566-9 (Eng. Abstr.) **(Ger)**

TOXICITY

Structures of N-glycans of a ricin-resistant mutant of baby hamster kidney cells. Synthesis of high-mannose and hybrid N-glycans. Gleeson PA, et al. **Biochemistry** 1985 Jan 15;24(2):493-503

An endogenous carbohydrate-binding agglutinin of BHK cells. Purification, specificity and interaction with normal and ricin-resistant cell lines. Stojanovic D, et al. **Biol Cell** 1984;51(2):197-205

Evidence for absence of toxicity of T101 immunotoxin on human hematopoietic progenitor cells prior to bone marrow transplantation. Douay L, et al. **Cancer Res** 1985 Jan;45(1):438-41

Effects of ricin, a protein toxin, on glucose absorption by rat small intestine. (Biochemical studies on oral toxicity of ricin. II). Ishiguro M, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3141-7

Modification of the carbohydrate in ricin with metaperiodate-cyanoborohydride mixtures. Effects on toxicity and in vivo distribution. Thorpe PE, et al. **Eur J Biochem** 1985 Feb 15;147(1):197-206

Enhancement of ricin cytotoxicity in Chinese hamster ovary cells by depletion of intracellular K+: evidence for an Na+/H+ exchange system in Chinese hamster ovary cells. Ghosh PC, et al. **J Cell Biol** 1985 Aug;101(2):350-7

Inhibition of coated pit formation in Hep2 cells blocks the cytotoxicity of diphtheria toxin but not that of ricin toxin. Moya M, et al. **J Cell Biol** 1985 Aug;101(2):548-59

Toxicity of ricin, diphtheria toxin and alpha-Amanitin for Acanthamoeba castellanii (1983). Howell MD, et al. **J Parasitol** 1984 Dec;70(6):918-23

Differential toxicity of RCAII (ricin) on rabbit intestinal epithelium in relation to postnatal maturation. Olson AD, et al. **Pediatr Res** 1985 Aug;19(8):868-72

Toxin-antitoxin selection for isolating somatic cell fusion products between any cell types. Wright WE. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7822-6

RICINOLEIC ACIDS see under **FATTY ACIDS, UNSATURATED**

RICINUS

see related
CASTOR OIL

Nature of the interaction between Ricinus communis agglutinin and blood cells. Turpin E, et al. **FEBS Lett** 1984 Sep 17;175(1):82-6

[Castor bean poisoning] Zifroni A. **Harefuah** 1985 Jan 15; 108(2):102-3 **(Heb)**

ANALYSIS

Chemical and physicochemical characterization of CB-1a, an allergenic fraction isolated from castor bean (Ricinus communis L.). Trugo NM, et al. **An Acad Bras Cienc** 1984 Sep;56(3):323-31

A single affinity column step method for the purification of ricin toxin from castor beans (Ricinus communis). Simmons BM, et al. **Anal Biochem** 1985 Apr;146(1):206-10

ENZYMOLOGY

Enolase isozymes from Ricinus communis: partial purification and characterization of the isozymes. Miernyk JA, et al. **Arch Biochem Biophys** 1984 Sep;233(2):643-51

Casbene synthetase: regulation of phytoalexin biosynthesis in Ricinus communis L. seedlings. Purification of casbene synthetase and regulation of its biosynthesis during elicitation. Moesta P, et al. **Arch Biochem Biophys** 1985 Apr;238(1):325-33

Purification and characterization of Ricinus communis invertase. Prado FE, et al. **J Biol Chem** 1985 Apr 25; 260(8):4952-7

IMMUNOLOGY

The IgG subclasses of antibodies to castor bean allergen in patients with allergic asthma: detection of a high incidence of antibodies of the IgG4 subclass. Devey ME, et al. **Clin Allergy** 1975 Dec;5(4):353-61

METABOLISM

[Bioavailability of pyridine compounds in seeds of Ricinus communis L. at various stages of germination] Bovalini L, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1891-5 (Eng. Abstr.) **(Ita)**

RICKETS

[Rickets in premature infants--2 observations] Sebek J, et al. **Acta Chir Orthop Traumatol Cech** 1985 Apr;52(2):151-4 (Eng. Abstr.) **(Cze)**

BLOOD

Hyperphosphataemic rickets in an Asian infant. Robinson D, et al. **Br Med J [Clin Res]** 1985 May 4;290(6478):1318-9

Vitamin D-dependent rickets types I and II. Diagnosis and response to therapy. Silver J, et al. **Isr J Med Sci** 1985 Jan;21(1):53-6

CHEMICALLY INDUCED

Case report 285. Diagnosis: osteomalacia (rickets) and cerebellar atrophy secondary to the effects of diphenylhydantoin (dilantin). Moskowitz H, et al. **Skeletal Radiol** 1984;12(4):281-3

[Anomalies of phospho-calcium metabolism during antiepileptic treatment] Marchesoni C, et al. **Pediatr Med Chir** 1983 Nov-Dec;5(6):571-3 (Eng. Abstr.) **(Ita)**

[A study on anticonvulsant-induced rickets] Yokoyama S, et al. **No To Hattatsu** 1984 Nov;16(6):463-9 (Eng. Abstr.) **(Jpn)**

CLASSIFICATION

The concurrence of hypoparathyroidism provides new insights to the pathophysiology of X-linked hypophosphatemic rickets. Lyles KW, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):711-7

COMPLICATIONS

Respiratory failure and multiple fractures in vitamin D-dependent rickets. Alpan G, et al. **Acta Paediatr Scand** 1985 Mar;74(2):300-4

The relation between attained adult height and the metaphyseal lesions in hypophosphataemic vitamin-D resistant rickets. Herweijer TJ, et al. **Acta Paediatr Scand** 1985 Mar;74(2):196-200

Pseudotumor cerebri and nutritional rickets. DeJong AR, et al. **Eur J Pediatr** 1985 Jan;143(3):219-20

Biochemical studies of a patient with hereditary hepatorenal tyrosinemia: evidence of glutathione deficiency. Stoner E, et al. **Pediatr Res** 1984 Dec;18(12):1332-6

DIAGNOSIS

Renal-nonresponsive, bone-responsive pseudohypoparathyroidism. A case with normal vitamin D metabolite levels and clinical features of rickets. Dabbagh S, et al. **Am J Dis Child** 1984 Nov;138(11):1030-3

Vitamin D-dependent rickets [letter] Ozsoylu S. **Am J Dis Child** 1985 Jul;139(7):651

Diagnosis of rickets of prematurity [letter] McIntosh N, et al. **Lancet** 1984 Oct 13;2(8407):869

Vitamin D, rickets, and osteomalacia. Doppelt SH. **Orthop Clin North Am** 1984 Oct;15(4):671-86 (60 ref.)

[Auxiliary methods for the diagnosis of rickets] Mogorianu PD. **Pediatriia** 1985 Apr;(4):39-40 **(Rus)**

DRUG THERAPY

1,25-Dihydroxyvitamin D resistance, rickets, and alopecia. Hochberg Z, et al. **Am J Med** 1984 Nov;77(5):805-11

Effects of vitamin D metabolites on healing of low phosphate, vitamin D-deficient induced rickets in rats. Atkin I, et al. **Bone** 1985;6(2):113-23

Biological activity of 1 alpha,25-dihydroxyergocalciferol in rachitic chicks and in rats. Rambeck WA, et al. **Int J Vitam Nutr Res** 1984;54(2-3):135-9

Healing of bone disease in X-linked hypophosphatemic rickets/osteomalacia. Induction and maintenance with phosphorus and calcitriol. Harrell RM, et al. **J Clin Invest** 1985 Jun;75(6):1858-68

Rickets of prematurity: calcium and phosphorus supplementation. Laing IA, et al. **J Pediatr** 1985 Feb; 106(2):265-8

Prophylaxis and treatment of childhood rickets with parenteral cholecalciferol. Bertino JS Jr, et al. **JPEN** 1984 Sep-Oct;8(5):556-9

Effects of iodine and thyroid hormone in ameliorating rickets on Steenbock diet. Shimazaki M, et al. **Osaka City Med J** 1984 Dec;30(2):113-23

ENZYMOLOGY

Localization of collagenase in the growth plate of rachitic rats. Dean DD, et al. **J Clin Invest** 1985 Aug;76(2):716-22

Vitamin D-dependent rickets type II. Defective induction of 25-hydroxyvitamin D3-24-hydroxylase by 1,25-dihydroxyvitamin D3 in cultured skin fibroblasts. Gamblin GT, et al. **J Clin Invest** 1985 Mar;75(3):954-60

ETIOLOGY

Vitamin D deficiency rickets and vitamin B12 deficiency in vegetarian children. Hellebostad M, et al. **Acta Paediatr Scand** 1985 Mar;74(2):191-5

Coeliac disease as a cause of osteomalacia and rickets in the Asian immigrant population [letter] Thalayasingam B. **Br Med J [Clin Res]** 1985 Apr 13;290(6475):1146-7

Exacerbation of rickets and osteomalacia by maize: a study of bone histomorphometry and composition in young baboons. Sly MR, et al. **Calcif Tissue Int** 1984 Jul; 36(4):370-9

Neoplastic pathology of oncogenic osteomalacia/rickets. Weidner N, et al. **Cancer** 1985 Apr 15;55(8):1691-705

Yogurt. Contributory factor in development of nutritional rickets. Saal HM, et al. **Clin Pediatr (Phila)** 1985 Aug; 24(8):452-4

Nutritional rickets in breast-fed infants. Cosgrove L, et al. **J Fam Pract** 1985 Sep;21(3):205-9

Hypoparathyroidism: a possible cause of rickets. Schutt-Aîné JC, et al. **J Pediatr** 1985 Feb;106(2):255-9

Rickets in a breast-fed infant. **Nutr Rev** 1984 Nov; 42(11):380-2

Rickets and osteomalacia. Lawson DE. **Proc Nutr Soc** 1984 Sep;43(3):249-56 (9 ref.)

[Hypophosphatemic rickets in premature infants independent of vitamin D] Boissinot C, et al. **Arch Fr Pediatr** 1984 Oct; 41(8):557-9 (Eng. Abstr.) **(Fre)**

FAMILIAL & GENETIC

Hereditary hypophosphatemic rickets with hypercalciuria. Tieder M, et al. **N Engl J Med** 1985 Mar 7;312(10):611-7

METABOLISM

The role of abnormal vitamin D metabolism in X-linked hypophosphatemic rickets and osteomalacia. Drezner MK. **Adv Exp Med Biol** 1984;178:399-404

Effect of calcitriol on serum 1,25 (OH) 2D3 levels and on renal phosphorous threshold in X-linked hypophosphatemic rickets. Mehls O, et al. **Adv Exp Med Biol** 1984;178:411-3

Synergistic effects of 1,25(OH)2D3 and 24,25(OH)2D3 on duodenal CaBP in rachitic chicks and on eggshell weight in Japanese quails. Rambeck WA, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):799-804

Acute metabolic acidosis stimulates 3H-25 hydroxyvitamin D production by the rachitic rat liver. Milne ML, et al. **Calcif Tissue Int** 1985 Jan;37(1):77-81

Proteoglycans and glycosaminoglycans of epiphyseal cartilage in florid and healing low phosphate, vitamin D deficiency rickets. Reinholt FP, et al. **Coll Relat Res** 1985 Jan;5(1):55-64

Proteoglycans and glycosaminoglycans of normal and strontium rachitic epiphyseal cartilage. Reinholt FP, et al. **Coll Relat Res** 1985 Jan;5(1):41-53

Hypercalciuric rickets: metabolic studies and pathophysiological considerations. Tieder M, et al. **Nephron** 1985;39(3):194-200

Early and direct effect of 1,25-dihydroxycholecalciferol on calcium uptake by duodena of rachitic chicks. Fullmer CS, et al. **Proc Soc Exp Biol Med** 1984 Dec;177(3):455-8

[Effect of vitamin D on lead assimilation] Andrushaîte RE, et al. **Vopr Pitan** 1984 Nov-Dec;(6):46-9 (Eng. Abstr.) **(Rus)**

OCCURRENCE

Asian families II: conditions that may be found in the children. Black J. **Br Med J [Clin Res]** 1985 Mar 16;

290(6471):830-3

Screening Rastafarian children for nutritional rickets. James JA, et al. **Br Med J [Clin Res]** 1985 Mar 23; 290(6472):899-900

Prevalence of rickets at the age of 12 months. A study of appropriately developed for gestational age but premature infants. de v Heese H, et al. **S Afr Med J** 1984 Oct 20; 66(16):604-8

[Complex risk assessment of the occurrence of rickets in infants in the 1st year of life] Ryvkin AI. **Pediatriia** 1985 Apr;(4):13-4 (Eng. Abstr.) **(Rus)**

PATHOLOGY

1,25-Dihydroxyvitamin D3 rapidly alters the morphology of the duodenal mucosa of rachitic chicks: evidence for novel effects of 1,25-dihydroxyvitamin D3. McCarthy JT, et al. **J Steroid Biochem** 1984 Sep;21(3):253-8

Atrophic rickets: a pattern to be reckoned in tropical countries. Jain L, et al. **J Trop Pediatr** 1985 Jun;31(3):167-9

PHYSIOPATHOLOGY

Lung mechanics in rachitic rats. Gaultier C, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1108-10

Extracellular matrix proteins involved in bone induction are vitamin D dependent. Sampath TK, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):829-35

Stereological studies on the epiphyseal growth plate in strontium-induced rickets. With special reference to the distribution of matrix vesicles. Reinholt FP, et al. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1274-80

Microdissection--elemental analysis of the mineralizing growth cartilage of the normal and rachitic chick. Shapiro IM, et al. **Metab Bone Dis Relat Res** 1984;5(6):317-26

[Molecular approach to the action of vitamin D in man] Thomasset M, et al. **Arch Fr Pediatr** 1985 Mar;42(3):231-6 (Eng. Abstr.) **(Fre)**

[Circulatory system function of nursing infants with rickets] Mdivani MB. **Pediatriia** 1985 Apr;(4):14-6 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Prevention of rickets in Asian children: assessment of the Glasgow campaign. Dunnigan MG, et al. **Br Med J [Clin Res]** 1985 Jul 27;291(6490):239-42

Antirachitic activity of 1 alpha-hydroxyergocalciferol and 1 alpha-hydroxycholecalciferol in rats. Sjöden G, et al. **J Nutr** 1984 Nov;114(11):2043-6

[Vitamin D, the prehistoric bleacher, important from cradle to grave] Schulpen TW. **Ned Tijdschr Geneeskd** 1985 Jan 19;129(3):106-8 (Eng. Abstr.) **(Dut)**

[Specific differential prenatal prophylaxis of rickets in infants] Antipkin IuG. **Pediatriia** 1985 Apr;(4):17-20 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Rickets. Unusual manifestations. Jain L, et al. **Indian Pediatr** 1984 Dec;21(12):939-42

Relationships between radiological and biochemical evidence of rickets in Asian schoolchildren. Abdul-Motaal A, et al. **Postgrad Med J** 1985 Apr;61(714):307-12

VETERINARY

Experimental rickets in broilers: gross, microscopic, and radiographic lesions. II. Calcium deficiency. Long PH, et al. **Avian Dis** 1984 Oct-Dec;28(4):921-32

Experimental rickets in broilers: gross, microscopic, and radiographic lesions. III. Vitamin D deficiency. Long PH, et al. **Avian Dis** 1984 Oct-Dec;28(4):933-43

RICKETS, RENAL see **RENAL OSTEODYSTROPHY**

RICKETS, VITAMIN D RESISTANT

BLOOD

Vitamin D-dependent rickets types I and II. Diagnosis and response to therapy. Silver J, et al. **Isr J Med Sci** 1985 Jan;21(1):53-6

COMPLICATIONS

Premature cranial synostosis and hypophosphatemic rickets [letter] Clemens P. **Acta Paediatr Scand** 1984 Nov;73(6):857

Vitamin D resistance and alopecia. A causal or casual relationship? Holick MF. **Arch Dermatol** 1985 May; 121(5):601-3

X-linked hypophosphataemic vitamin D-resistant rickets. Seow WK. **Aust Dent J** 1984 Dec;29(6):371-7

Renal tubular acidosis associated with vitamin D-resistant rickets. Role of phosphate depletion. Minari M, et al. **Miner Electrolyte Metab** 1984;10(6):371-4

[Disorders of dental calcification in untreated and treated vitamin D-resistant rickets] Berio A, et al. **Minerva Pediatr** 1984 Sep 30;36(18):883-90 (Eng. Abstr.) **(Ita)**

ETIOLOGY

Bartter's syndrome with vitamin D-resistant rickets. Srivastava RN, et al. **Indian Pediatr** 1984 Apr;21(4):339-44

FAMILIAL & GENETIC

X-linked hypophosphatemia (familial or sex-linked vitamin-D-resistant rickets). X-linked hypophosphatemic (Hyp) mice. Meyer RA Jr. **Am J Pathol** 1985 Feb; 118(2):340-2

Calcitriol-resistant rickets with alopecia. Hochberg Z, et al. **Arch Dermatol** 1985 May;121(5):646-7

Dental manifestations of familial hypophosphatemic vitamin-D-resistant rickets: report of case. Ozkan S, et al. **ASDC J Dent Child** 1984 Nov-Dec;51(6):448-50

Altered receptors for 1,25-dihydroxycholecalciferol in vitamin D-dependent rickets. **Nutr Rev** 1985 Jun; 43(6):178-80

Fetal atrial flutter and X-linked dominant vitamin D-resistant rickets. Vintzileos AM, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):39S-44S

Hereditary resistance to 1,25-dihydroxyvitamin D. Marx SJ, et al. **Recent Prog Horm Res** 1984;40:589-620 (72 ref.)

[Vitamin-D-resistant hypophosphatemic rickets] Velásquez-Jones L, et al. **Bol Med Hosp Infant Mex** 1984 Oct;41(10):561-8 (38 ref.) (Eng. Abstr.) **(Spa)**

METABOLISM

The X-linked hypophosphatemic vitamin D resistant rickets: old and new concepts. Brunette MG. **Int J Pediatr Nephrol** 1985 Jan-Mar;6(1):55-62 (60 ref.)

Vitamin D resistance and alopecia: a kindred with normal 1,25-dihydroxyvitamin D binding, but decreased receptor affinity for deoxyribonucleic acid. Hirst MA, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):490-5

Does 1,25-dihydroxyvitamin D participate in the regulation of hormone release from endocrine glands? Hochberg Z, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):57-61

RICKETTSIA

DRUG EFFECTS

[Electron microscopic characteristics of the action of penicillin and vancomycin on Rickettsia conorii and Rickettsia akari in vitro] Barkhatova OI, et al. **Antibiotiki** 1984 Aug;29(8):580-5 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Experimental murine typhus infection in the cat flea, Ctenocephalides felis (Siphonaptera: Pulicidae). Farhang-Azad A, et al. **J Med Entomol** 1984 Nov 29; 21(6):675-80

IMMUNOLOGY

Persistence of antibodies to Rickettsia conorii after an acute attack of boutonneuse fever [letter] Mansueto S, et al. **J Infect Dis** 1985 Feb;151(2):377

Antibodies to Rickettsia conori in dogs in western Sicily. Mansueto S, et al. **Trans R Soc Trop Med Hyg** 1984; 78(5):681-2

ISOLATION & PURIFICATION

Epidemiology of Rocky Mountain spotted fever in Ohio, 1981: serologic evaluation of canines and rickettsial isolation from ticks associated with human case exposure sites. Gordon JC, et al. **Am J Trop Med Hyg** 1984 Sep; 33(5):1026-31

Tick-borne rickettsioses in Pune district, Maharashtra, India. Padbidri VS, et al. **Int J Zoonoses** 1984 Jun;11(1):45-52

A tick/rickettsia survey of dogs in three counties in Mississippi, USA. Nause CL Jr, et al. **J Med Entomol** 1984 Jul 26;21(4):405-8

Heartwater in the Caribbean: isolation of Cowdria ruminantium from Antigua. Birnie EF, et al. **Vet Rec** 1985 Feb 2;116(5):121-3

The isolation of organisms resembling rickettsiae from respiratory tracts of horses. Moorthy AR, et al. **Zentralbl Veterinarmed [B]** 1985 Jan;32(1):46-54

[Infection of Dermacentor niveus Neum., 1897 ticks with the rickettsial causative agents of human and animal diseases on the territory of a preserve in the Amu Darya flood plane] Burenkova LA, et al. **Med Parazitol (Mosk)** 1984 Sep-Oct;(5):74-8 (Eng. Abstr.) **(Rus)**

PATHOGENICITY

Injury restricted to cells infected with spotted fever group rickettsiae in parabiotic chambers. Walker DH, et al. **Acta Trop (Basel)** 1984 Dec;41(4):307-12

[Dynamics of rickettsemia in common voles and steppe lemmings with different infective doses of Rickettsia sibirica] Lebedeva NN, et al. **Med Parazitol (Mosk)** 1985 May-Jun;(3):21-4 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Transovarial transmission of murine typhus rickettsiae in Xenopsylla cheopis fleas. Farhang-Azad A, et al. **Science** 1985 Feb 1;227(4686):543-5

RICKETTSIA PROWAZEKII

ANALYSIS

[Polypeptide and phospholipid composition of the Rickettsia prowazekii membrane and its immunogenic properties] Zezerov EG, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):6-13 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

[Effect of antibiotics on the persistence of Rickettsiae] Kekcheeva NG. **Vestn Akad Med Nauk SSSR** 1985;(3):47-50 (Eng. Abstr.) **(Rus)**

[Antibiotic sensitivity of the erythromycin-resistant strain E of Rickettsia prowazekii cultured in the vector's body] Klimchuk ND, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):41-5 (Eng. Abstr.) **(Rus)**

GENETICS

Cosmid cloning of Rickettsia prowazekii antigens in Escherichia coli K-12. Krause DC, et al. **Infect Immun** 1985 Jan;47(1):157-65

Cloning and expression of the Rickettsia prowazekii ADP/ATP translocator in Escherichia coli. Krause DC, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):3015-9

IMMUNOLOGY

[Antibody activity of immunoglobulins in rabbits immunized with soluble and cellular R. prowazekii antigen] Mikołajczyk E, et al. **Med Dosw Mikrobiol** 1984;36(2):121-8 (Eng. Abstr.) **(Pol)**

[Reaction of the biologically active points of the skin to immunization with typhus vaccine] Pshenichnov VA, et al. **Biull Eksp Biol Med** 1985 May;99(5):595-6 (Eng. Abstr.) **(Rus)**

[Specific antibody dynamics and antigen circulation in the serum of animals with Rickettsia prowazekii persistence] Ignatovich VF, et al. **Vestn Akad Med Nauk SSSR** 1985;(3):38-43 (Eng. Abstr.) **(Rus)**

[Persistence of Rickettsia prowazekii in B mice and cotton B rats] Kokorin IN, et al. **Vestn Akad Med Nauk SSSR** 1985;(3):44-7 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of vaccinal and virulent strains of Rickettsia prowazekii by the plaque method] Khamitov RA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May;(5):39-42 (Eng. Abstr.) **(Rus)**

[Experimental study of the properties of sublines of Rickettsia prowazekii vaccinal strain E] Pshenichnov VA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May;(5):32-4 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

[Use of a method of immunoradiometric analysis for detecting the persistence of Rickettsiae and their antigens in an experimental infection in cotton rats] Prozorovskiĭ SV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Aug;(8):92-5 (Eng. Abstr.) **(Rus)**

METABOLISM

Transport of AMP by Rickettsia prowazekii. Atkinson WH, et al. **J Bacteriol** 1985 Jan;161(1):32-8

Regulatory role of phosphate and other anions in transport of ADP and ATP by Rickettsia prowazekii. Winkler HH, et al. **J Bacteriol** 1984 Oct;160(1):76-9

RICKETTSIA RICKETTSII

IMMUNOLOGY

Production and characterization of monoclonal antibodies to Rickettsia rickettsii. Lange JV, et al. **Infect Immun** 1984 Nov;46(2):289-94

Characterization of monoclonal antibodies protecting mice against Rickettsia rickettsii. Anacker RL, et al. **J Infect Dis** 1985 Jun;151(6):1052-60

Rocky Mountain spotted fever in children in Kansas: the diagnostic value of an IgM-specific immunofluorescence assay. Hays PL. **J Infect Dis** 1985 Feb;151(2):369-70

The prevalence of antibodies to Rickettsia rickettsii in an area endemic for Rocky Mountain spotted fever. Wilfert CM, et al. **J Infect Dis** 1985 May;151(5):823-31

ISOLATION & PURIFICATION

Isolation and identification of Rickettsia rickettsii from the rabbit tick (Haemaphysalis leporispalustris) in the Atlantic zone of Costa Rica. Fuentes L, et al. **Am J Trop Med Hyg** 1985 May;34(3):564-7

Rickettsia-like organisms in ticks and antibodies to spotted fever-group rickettsiae in mammals from northern Mississippi. Norment BR, et al. **J Wildl Dis** 1985 Apr; 21(2):125-31

[Preliminary studies on the occurrence of Rickettsiae of the spotted fever group in Rhipicephalus sanguineus captured in suburban areas] Cacciapuoti B, et al. **Boll Ist Sieroter Milan** 1985;64(1):77-81 (Eng. Abstr.) **(Ita)**

PATHOGENICITY

Injury restricted to cells infected with spotted fever group rickettsiae in parabiotic chambers. Walker DH, et al. **Acta Trop (Basel)** 1984 Dec;41(4):307-12

ULTRASTRUCTURE

Ultrastructural changes observed in Rickettsia rickettsii incubated at different temperatures in cell-free medium. Pontefract RD, et al. **Can J Microbiol** 1985 Mar;31(3):305-9

RICKETTSIA TSUTSUGAMUSHI

ANALYSIS

Analysis of polypeptide composition and antigenic components of Rickettsia tsutsugamushi by polyacrylamide gel electrophoresis and immunoblotting. Tamura A, et al. **Infect Immun** 1985 Jun;48(3):671-5

GROWTH & DEVELOPMENT

Electron microscopic studies on intracellular multiplication of Rickettsia tsutsugamushi in L cells. Urakami H, et al. **Microbiol Immunol** 1984;28(11):1191-201

IMMUNOLOGY

Gamma interferon production in response to homologous and heterologous strain antigens in mice chronically infected with Rickettsia tsutsugamushi. Palmer BA, et al. **Infect Immun** 1984 Oct;46(1):237-44

[Use of the Rickettsia tsutsugamushi tissue culture antigen in serological investigation] Chen YM. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Oct; 5(5):273-5 (Eng. Abstr.) **(Chi)**

[Immunological studies of Rickettsial infection—experimental Rickettsia tsutsugamushi infection in nude mice] Kawamura S. **Kansenshogaku Zasshi** 1984 Jul;58(7):647-62 (Eng. Abstr.) **(Jpn)**

[Use of the low virulent strain antigens in serological diagnosis of tsutsugamushi disease] Tachibana N, et al. **Kansenshogaku Zasshi** 1984 Jul;58(7):583-9 (Eng. Abstr.) **(Jpn)**

[Epidemiology of tsutsugamushi disease in Hokuriku district, Japan. 1. Prevalence of antibody to Rickettsia tsutsugamushi] Takada N, et al. **Kansenshogaku Zasshi** 1984 Dec;58(12):1279-84 (Eng. Abstr.) **(Jpn)**

ISOLATION & PURIFICATION

Isolation of Rickettsia tsutsugamushi antigenically different from Kato, Karp, and Gilliam strains from patients. Tamura A, et al. **Microbiol Immunol** 1984;28(8):873-82

ULTRASTRUCTURE

Purification of cell envelopes of Rickettsia tsutsugamushi. Takahashi K, et al. **Microbiol Immunol** 1985;29(5):475-8

RICKETTSIA TYPHI

IMMUNOLOGY

Sensitization of mice to rickettsial toxin by Coxiella burnetii. Kazár J, et al. **Acta Virol (Praha)** 1984 Jul;28(4):309-16

Comparison of a latex agglutination procedure with the microimmunofluorescence test for Rickettsia typhi. Rawlings JA, et al. **J Clin Microbiol** 1985 Mar;21(3):470-1

In vitro antigen-specific antibody response to the species-specific surface protein antigens of typhus group rickettsiae by human peripheral blood mononuclear cells: generation of an antigen-dependent suppressor T cell. Misiti J, et al. **J Immunol** 1985 Apr;134(4):2689-94

RICKETTSIACEAE

GROWTH & DEVELOPMENT

Continuous propagation of Ehrlichia sennetsu in murine macrophage cell cultures. Cole AI, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):774-80

Adaptation of Ehrlichia sennetsu to canine blood monocytes: preliminary structural and serological studies with cell culture-derived Ehrlichia sennetsu. Holland CJ, et al. **Infect Immun** 1985 May;48(2):366-71

Search for a sensitive stage for aposymbiosis induction in Culex pipiens pipiens by antibiotic treatment of immature stages. Awahmukalah DS, et al. **J Invertebr Pathol** 1985 Jan;45(1):54-9

ISOLATION & PURIFICATION

Rickettsiae in the Sumava region. Reháček J, et al. **Folia Parasitol (Praha)** 1985;32(2):173-83

Causative ehrlichial organisms in Potomac horse fever. Rikihisa Y, et al. **Infect Immun** 1985 Sep;49(3):513-7

Ultrastructural study of ehrlichial organisms in the large colons of ponies infected with Potomac horse fever. Rikihisa Y, et al. **Infect Immun** 1985 Sep;49(3):505-12

Experimental reproduction of Potomac horse fever in horses with a newly isolated Ehrlichia organism. Dutta SK, et al. **J Clin Microbiol** 1985 Aug;22(2):265-9

Isolation, experimental transmission, and characterization of causative agent of Potomac horse fever. Holland CJ, et al. **Science** 1985 Feb 1;227(4686):522-4

Causative agent of Potomac horse fever [letter] **Vet Rec** 1984 Nov 24;115(21):554-5

Rickettsial link with acute equine diarrhoea [letter] Rikihisa Y, et al. **Vet Rec** 1984 Oct 13;115(15):390

[The 1st case of ehrlichiosis in a horse in Germany (Brief report)] Büscher G, et al. **DTW** 1984 Nov 22; 91(11-12):408-9 **(Ger)**

PATHOGENICITY

[Effect of invertebrate rickettsiae on vertebrates: experimental infection of mice by Rickettsiella grylli] Delmas F, et al. **C R Acad Sci [III]** 1985;300(3):115-7 (Eng. Abstr.) **(Fre)**

RICKETTSIACEAE INFECTIONS

[Recognition of boutonneuse fever (Marseilles fever) in Croatia] Borčić B, et al. **Lijec Vjesn** 1985 Feb;107(2):80-1 (Eng. Abstr.) **(Scr)**

COMPLICATIONS

[Cutaneous vasculitis in Mediterranean boutonneuse fever (letter)] Simony J, et al. **Presse Med** 1985 Jun 1;14(22):1248 **(Fre)**

[Incidence of hearing loss in Mediterranean boutonneuse fever] Ramírez Ponferrada R, et al. **Rev Clin Esp** 1985 Apr; 176(6):296-8 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Mediterranean spotted fever in an American woman. Schlaeffer F, et al. **Arch Intern Med** 1985 Sep;145(9):1733-4

[Boutonneuse fever—Marseilles fever. An imported rickettsiosis] Høj L. **Ugeskr Laeger** 1984 Nov 26; 146(48):3732-6 (Eng. Abstr.) **(Dan)**

[Boutonneuse fever contracted at a camp site in southern France] Bühre LM, et al. **Ned Tijdschr Geneeskd** 1985 Jun 29;129(26):1240-2 (Eng. Abstr.) **(Dut)**

[Serological diagnosis of Mediterranean boutonneuse fever] Raoult D, et al. **Pathol Biol (Paris)** 1984 Sep;32(7):791-4 (Eng. Abstr.) **(Fre)**

[Mediterranean boutonneuse fever in children. Study of 139 cases] Cahuana A, et al. **An Esp Pediatr** 1984 Nov 15; 21(7):642-7 (Eng. Abstr.) **(Spa)**

[Indirect immunofluorescence in the diagnosis of Mediterranean boutonneuse fever] Sanchís-Bayarri Vaillant V, et al. **Rev Clin Esp** 1984 Jul 15-31;174(1-2):61-2 **(Spa)**

DRUG THERAPY

[Elective drugs in Mediterranean boutonneuse fever (letter)] Marcos Sánchez F, et al. **Med Clin (Barc)** 1984 Oct 27; 83(13):558 **(Spa)**

IMMUNOLOGY

Circulating immune complexes in Fièvre boutonneuse. Tringali G, et al. **Ann Trop Med Parasitol** 1985 Jun; 79(3):275-9

Persistence of antibodies to Rickettsia conorii after an acute attack of boutonneuse fever [letter] Mansueto S, et al. **J Infect Dis** 1985 Feb;151(2):377

OCCURRENCE

Tick-borne rickettsioses in Pune district, Maharashtra, India. Padbidri VS, et al. **Int J Zoonoses** 1984 Jun;11(1):45-52

Subclinical infections with Boutonneuse fever in western Sicily [letter] Mansueto S, et al. **J Infect Dis** 1985 Sep; 152(3):651

Mediterranean spotted fever in Belgium [letter] Lambert M, et al. **Lancet** 1984 Nov 3;2(8410):1038

Autochthonic Mediterranean spotted fever in West Germany [letter] Staszewski S, et al. **Lancet** 1984 Dec 22; 2(8417-18):1466

[Serological approach to the occurrence of rickettsioses in the Central African Republic] Gonzalez JP, et al. **Bull Soc Pathol Exot Filiales** 1985;78(2):153-6 (Eng. Abstr.) **(Fre)**

[Boutonneuse fever in children] García Miguel MJ, et al. **An Esp Pediatr** 1985 Apr 15;22(5):353-8 (Eng. Abstr.) **(Spa)**

[Mediterranean boutonneuse fever. Observations on 23 cases (letter)] Leyes García M, et al. **Med Clin (Barc)** 1985 Feb 2;84(4):165 **(Spa)**

[Clinico-epidemiological study of 164 cases of boutonneuse fever] Martín Farfán A, et al. **Rev Clin Esp** 1985 Apr; 176(7):333-9 (Eng. Abstr.) **(Spa)**

[Epidemiological study of rickettsiosis in the province of Seville based on serological reactions to indirect immunofluorescence] García Curiel A, et al. **Rev Sanid Hig Publica (Madr)** 1984 Jan-Feb;58(1-2):83-98 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Correlation of the distribution of Rickettsia conorii, microscopic lesions, and clinical features in South African tick bite fever. Walker DH, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):361-71

VETERINARY

Ultrastructural study of ehrlichial organisms in the large colons of ponies infected with Potomac horse fever. Rikihisa Y, et al. **Infect Immun** 1985 Sep;49(3):505-12

Causative ehrlichial organisms in Potomac horse fever. Rikihisa Y, et al. **Infect Immun** 1985 Sep;49(3):513-7

Atypical findings in 16 cases of canine ehrlichiosis. Codner EC, et al. **J Am Vet Med Assoc** 1985 Jan 15;186(2):166-9

More on canine ehrlichiosis [letter] Couto CG. **J Am Vet Med Assoc** 1985 Apr 15;186(8):762, 778

Rocky Mountain spotted fever in dogs and its differentiation from canine ehrlichiosis. Greene CE, et al. **J Am Vet Med Assoc** 1985 Mar 1;186(5):465-72

More on canine ehrlichiosis [letter] Johnson JT, et al. **J Am Vet Med Assoc** 1985 Apr 15;186(8):778

Clinical and hematologic findings in canine ehrlichiosis. Kuehn NF, et al. **J Am Vet Med Assoc** 1985 Feb 15; 186(4):355-8

Experimental reproduction of Potomac horse fever in horses with a newly isolated Ehrlichia organism. Dutta SK, et al. **J Clin Microbiol** 1985 Aug;22(2):265-9

Isolation, experimental transmission, and characterization of causative agent of Potomac horse fever. Holland CJ, et al. **Science** 1985 Feb 1;227(4686):522-4

Serum enzyme activities in experimental Ondiri disease. Kiptoon JC. **Trop Anim Health Prod** 1984 Aug;16(3):171-3

Clinical, haematological and blood biochemical changes in goats after experimental infection with tick-borne fever. van Miert AS, et al. **Vet Parasitol** 1984 Nov;16(3-4):225-33

Experimental and clinical trials of long acting oxytetracycline in the treatment of canine ehrlichiosis. Ogunkoya AB, et al. **Vet Q** 1985 Apr;7(2):158-61

Causative agent of Potomac horse fever [letter] **Vet Rec** 1984 Nov 24;115(21):554-5

Intradermal transmission of Potomac horse fever [letter] Perry BD, et al. **Vet Rec** 1985 Mar 2;116(9):246-7

[The 1st case of ehrlichiosis in a horse in Germany (Brief report)] Büscher G, et al. **DTW** 1984 Nov 22; 91(11-12):408-9 **(Ger)**

RICKETTSIAL INFECTIONS

Acute rickettsial myocarditis and advanced atrioventricular block: diagnosis and treatment aided by endomyocardial biopsy. Salvi A, et al. **Int J Cardiol** 1985 Apr;7(4):405-9

COMPLICATIONS

Rickettsia conorii infection complicated by supraventricular tachycardia in a ten year-old child. de Groot R, et al. **Acta Leiden** 1984;52:45-52

[Mononucleosis syndrome in Rickettsia conori infection (letter)] Vachon F, et al. **Presse Med** 1984 Sep 22; 13(32):1961-2 **(Fre)**

DIAGNOSIS

Infectious diseases of travelers and immigrants. Gove S, et al. **Emerg Med Clin North Am** 1984 Aug;2(3):587-622

Positive serological tests for infectious mononucleosis in a patient with Mediterranean spotted fever. Mozes B, et al. **J Infect** 1985 May;10(3):259-61

DRUG THERAPY

Treatment of tick-bite fever with erythromycin. Miller GB, et al. **S Afr Med J** 1984 Nov 3;66(18):694-7

Relapse of Israeli spotted fever treated with doxycycline [letter] Yagupsky P, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):139-40

[Doxycycline in experimental rickettsial infection] Kekcheeva NG. **Antibiotiki** 1984 Oct;29(10):775-80 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Infection of genetically immunodeficient mice with Rickettsia conorii. Montenegro NR, et al. **Acta Virol (Praha)** 1984 Nov;28(6):508-14

Rickettsiae and hosts. Osterman JV. **Acta Virol (Praha)** 1985 Mar;29(2):166-73 (16 ref.)

Experimental infection with Rickettsia mooseri and antibody response of adult and newborn laboratory rats. Arango-Jaramillo S, et al. **Am J Trop Med Hyg** 1984 Sep; 33(5):1017-25

MICROBIOLOGY

[Dynamics of rickettsemia in common voles and steppe lemmings with different infective doses of Rickettsia sibirica] Lebedeva NN, et al. **Med Parazitol (Mosk)** 1985 May-Jun;(3):21-4 (Eng. Abstr.) **(Rus)**

OCCURRENCE

[Rickettsiosis and chlamydiosis in Hoggar (Republic of Algeria): epidemiological sampling] Dumas N. **Bull Soc Pathol Exot Filiales** 1984 May-Jun;77(3):278-83 (Eng. Abstr.) **(Fre)**

PHYSIOPATHOLOGY

Malignant Mediterranean spotted fever. Report of a case with multiple organ failure, hypocalcemia, and euthyroid sick syndrome. Devriendt J, et al. **Arch Intern Med** 1985 Jul; 145(7):1319-21

TRANSMISSION

[Infection of Dermacentor niveus Neum., 1897 ticks with the rickettsial causative agents of human and animal diseases on the territory of a preserve in the Amu Darya flood plane] Burenkova LA, et al. **Med Parazitol (Mosk)** 1984 Sep-Oct;(5):74-8 (Eng. Abstr.) **(Rus)**

VETERINARY

Susceptibility and reservoir potential of the dog to spotted fever-group rickettsiae. Norment BR, et al. **Am J Vet Res** 1984 Sep;45(9):1706-10

Susceptibility of small mammals to nonvirulent spotted fever group rickettsiae. Norment BR, et al. **J Med Entomol** 1985 Mar 22;22(2):200-3

Antibodies to Rickettsia conori in dogs in western Sicily. Mansueto S, et al. **Trans R Soc Trop Med Hyg** 1984; 78(5):681-2

Heartwater in the Caribbean: isolation of Cowdria ruminantium from Antigua. Birnie EF, et al. **Vet Rec** 1985 Feb 2;116(5):121-3

RICKETTSIAL VACCINES see under **VACCINES**

RICKETTSIALPOX see **RICKETTSIACEAE INFECTIONS**

RIDA see **SCRAPIE**

RIDA VIRUS see **SCRAPIE VIRUS**

RIFAMPICIN see **RIFAMPIN**

RIFAMPIN

ADMINISTRATION & DOSAGE

Addition of rifampin to carboxypenicillin-aminoglycoside combination for the treatment of Pseudomonas aeruginosa infection: clinical experience with four patients. Yu VL, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):575-7

Safety of thrice-weekly rifampicin for tuberculosis in South-East Asian refugees. Mukerjee CM, et al. **Aust NZ J Med** 1985 Apr;15(2):226-9

Failure of erythromycin/rifampicin treatment of legionella pneumonia [letter] Mercatello A, et al. **J Infect** 1985 May; 10(3):282-3

Efficacy of vancomycin plus rifampin in experimental aortic-valve endocarditis due to methicillin-resistant Staphylococcus aureus: in vitro-in vivo correlations. Bayer AS, et al. **J Infect Dis** 1985 Jan;151(1):157-65

Penicillin V and rifampin for the treatment of group A streptococcal pharyngitis: a randomized trial of 10 days penicillin vs 10 days penicillin with rifampin during the final 4 days of therapy. Chaudhary S, et al. **J Pediatr** 1985 Mar;106(3):481-6

Should the dose of antituberculosis drugs be reduced in patients with liver disease? Pillans PI. **S Afr Med J** 1985 Apr 6;67(14):527

[Therapy of brucellosis: clinical experience with a rifampicin-doxycycline combination] Montanari M, et al. **Minerva Med** 1985 Jul 31;76(30-31):1407-10 (Eng. Abstr.) **(Ita)**

[The effectiveness of a combination of trimethoprim plus rifampicin and local injection of antibiotics into the prostate in chronic bacterial prostatitis] Yamamoto M, et al. **Hinyokika Kiyo** 1985 Mar;31(3):441-8 (Eng. Abstr.) **(Jpn)**

[Complex chemotherapy of pulmonary tuberculosis in adolescents using rifampicin and levamisole] Ganiev KG. **Probl Tuberk** 1985;(1):47-50 (Eng. Abstr.) **(Rus)**

[Relation between the efficacy of complex therapy of patients with destructive pulmonary tuberculosis and the duration of rifampicin administration] Sagalovich VIa, et al. **Probl Tuberk** 1984 Oct;(10):51-4 (Eng. Abstr.) **(Rus)**

[Effectiveness of pyrazinamide combined with rifampicin and ethambutol in animal experiments] Tynystanova RI, et al. **Probl Tuberk** 1984 Jul;(7):59-63 (Eng. Abstr.) **(Rus)**

[Effectiveness of intrabronchial administration of rifampicin in the treatment of patients with destructive pulmonary tuberculosis] Syrovatka IuA. **Vrach Delo** 1985 Jan;(1):42-5 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Potassium wasting and other renal tubular defects with rifampin nephrotoxicity. Cheng JT, et al. **Am J Nephrol** 1984;4(6):379-82

Pemphigus foliaceus induced by rifampicin. Lee CW, et al. **Br J Dermatol** 1984 Nov;111(5):619-22

Pulmonary tuberculosis complicated by haemophagocytic syndrome and rifampicin-induced tubulointerstitial nephritis. Barnes N, et al. **Br J Dis Chest** 1984 Oct; 78(4):395-403

Verapamil-rifampin interaction. Barbarash RA. **Drug Intell Clin Pharm** 1985 Jul-Aug;19(7-8):559-60

Reversible acute renal failure due to monthly administration of rifampicin in a leprosy patient. Kar HK, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):835-9

Hepatotoxicity of the daily combination of 5 mg/kg prothionamide + 10 mg/kg rifampin. Cartel JL, et al. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):15-8

Rifampicin-induced adrenal crisis in addisonian patients receiving corticosteroid replacement therapy. Kyriazopoulou V, et al. **J Clin Endocrinol Metab** 1984 Dec; 59(6):1204-6

Cyclosporin and antituberculous therapy [letter] **Lancet** 1985 Jun 8;1(8441):1342-3

Cyclosporin and rifampicin in renal transplantation [letter] Allen RD, et al. **Lancet** 1985 Apr 27;1(8435):980

Hepatotoxicity of combined therapy with rifampicin and daily prothionamide for leprosy. Ji BH, et al. **Lepr Rev** 1984 Sep;55(3):283-9

Hepatotoxic reactions in children with severe tuberculosis treated with isoniazid-rifampin. Tsagaropoulou-Stinga H, et al. **Pediatr Infect Dis** 1985 May-Jun;4(3):270-3

Acute renal failure after rifampicin. Weinberg A, et al. **Rev Inst Med Trop Sao Paulo** 1984 Nov-Dec;26(6):341-5

Rifampicin induced light chain proteinuria and renal failure. Winter RJ, et al. **Thorax** 1984 Dec;39(12):952-3

Acute hemolysis and renal failure with rifampicin-dependent antibodies after discontinuous administration. Tahan SR, et al. **Transfusion** 1985 Mar-Apr;25(2):124-7

Acute rejection and massive cyclosporine requirements in heart transplant recipients treated with rifampin. Modry DL, et al. **Transplantation** 1985 Mar;39(3):313-4

[Acute interstitial nephritis associated with renal failure induced by rifampin--a case report] Chen HS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Oct;83(10):1053-7 (Eng. Abstr.) **(Chi)**

[Course of serum alkaline phosphatase during treatment with isoniazid and rifampicin] Toppet M, et al. **Arch Fr Pediatr** 1985 Feb;42(2):79-80 (Eng. Abstr.) **(Fre)**

[Acute tubulointerstitial nephritis following treatment with rifampicin] Riska H, et al. **Bull Int Union Tuberc** 1984 Sep; 59(3):148-9 **(Fre)**

[Rejection reaction and use of rifampicin in the treatment of tuberculosis in kidney transplantation] Farge D, et al. **Nephrologie** 1985;6(2):53-7 (Eng. Abstr.) **(Fre)**

[Liver and kidney damage in rifampicin and ethambutol treatment] Kozma D, et al. **Z Erkr Atmungsorgane** 1984; 162(3):249-55 (Eng. Abstr.) **(Ger)**

[A case of Clostridium difficile colitis induced by rifampicin] Kohno S, et al. **Kansenshogaku Zasshi** 1985 Feb; 59(2):227-33 (Eng. Abstr.) **(Jpn)**

[A case of acute renal failure after intermittent rifampicin therapy] Fukunishi Y, et al. **Nippon Rai Gakkai Zasshi** 1984 Oct-Dec;53(4):193-9 (Eng. Abstr.) **(Jpn)**

[Comatose tuberculous meningoencephalitis, rifampin-induced jaundice and myeloradiculoneuritis (case report)] Ispas TL, et al. **Rev Ig [Pneumoftiziol]** 1984 Apr-Jun;33(2):181-7 (Eng. Abstr.) **(Rum)**

[Synergistic effect of rifampicin on hepatotoxicity of isoniazid] Skakun NP, et al. **Antibiot Med Biotekhnol** 1985 Mar;30(3):185-9 (Eng. Abstr.) **(Rus)**

[Carbamazepine-tuberculostatics interaction (letter)] Poo Argüelles P, et al. **Med Clin (Barc)** 1984 Dec 15; 83(20):867-8 **(Spa)**

ANALOGS & DERIVATIVES

In vitro activities of rifapentine and rifampin, alone and in combination with six other antibiotics, against methicillin-susceptible and methicillin-resistant staphylococci of different species. Varaldo PE, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):615-8

Structure identification of rifampicin N-oxide. Ripamonti A, et al. **Farmaco [Sci]** 1984 Sep;39(9):806-9

Pharmacokinetics of rifapentine, a new long lasting rifamycin, in the rat, the mouse and the rabbit. Assandri A, et al. **J Antibiot (Tokyo)** 1984 Sep;37(9):1066-75

ANTAGONISTS & INHIBITORS

[Dominant mutations of rifampicin resistance in Escherichia coli K-12] Petrenik IF, et al. **Genetika (Moskva)** 1984 Nov; 20(11):1798-810 (Eng. Abstr.) **(Rus)**

BLOOD

[Enzyme induction by rifampicin and its time-dependent pharmacokinetics] Kohno H, et al. **Yakugaku Zasshi** 1984 Aug;104(8):884-8 (Eng. Abstr.) **(Jpn)**

METABOLISM

Rifampin in the horse: comparison of intravenous, intramuscular, and oral administrations. Burrows GE, et al. **Am J Vet Res** 1985 Feb;46(2):442-6

A resonance Raman study on the interaction of rifampicin with Escherichia coli RNA polymerase. Johnson RS. **Biochim Biophys Acta** 1985 Mar 29;839(1):16-25

Penetration of parenterally administered rifampicin into bone tissue. Roth B. **Chemotherapy** 1984;30(6):358-65

[Interaction of rifampicin with hepatocyte organoids in rats and its intracellular distribution] Guliaev AE, et al. **Antibiotiki** 1984 Nov;29(11):826-8 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of rifampicin and isoniazid penetration into the pathological foci of the lungs in tuberculosis patients] Kislitsyna NA. **Probl Tuberk** 1985; (4):55-7 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Disparity between timed-kill and checkerboard methods for determination of in vitro bactericidal interactions of vancomycin plus rifampin versus methicillin-susceptible and -resistant Staphylococcus aureus. Bayer AS, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):220-3

In vitro activities of rifapentine and rifampin, alone and in combination with six other antibiotics, against methicillin-susceptible and methicillin-resistant staphylococci of different species. Varaldo PE, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):615-8

Isolation and partial characterization of a rifampicin induced rabbit liver microsomal cytochrome P-450. Lange R, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):833-9

Theophylline-rifampicin interaction: non-selective induction of theophylline metabolic pathways. Robson RA, et al. **Br J Clin Pharmacol** 1984 Sep;18(3):445-8

The effect of rifampicin on sulphapyridine plasma concentrations following sulphasalazine administration. Shaffer JL, et al. **Br J Clin Pharmacol** 1985 Apr;19(4):526-8

Influence of rifampicin treatment on antipyrine clearance and metabolite formation in patients with tuberculosis. Teunissen MW, et al. **Br J Clin Pharmacol** 1984 Nov; 18(5):701-6

In vitro activity of rifaximin and rifampicin against some anaerobic bacteria. Lamanna A, et al. **Chemioterapia** 1984 Dec;3(6):365-7

Rifampicin for non-tuberculous infections? Grüneberg RN, et al. **Chemotherapy** 1985;31(4):324-8

Repeated exposition to subinhibitory concentrations of antibiotic in vitro readily decreases susceptibility of Neisseria gonorrhoeae to rifampicin, but not to new cephalosporins and penicillin G. Korting HC, et al. **Chemotherapy** 1984;30(6):366-72

Effect of rifampicin treatment on hepatic drug metabolism and serum bile acids in patients with primary biliary cirrhosis. Hoensch HP, et al. **Eur J Clin Pharmacol** 1985; 28(4):475-7

Interaction of bovine seminalplasmin with Escherichia coli RNA polymerase in the presence of rifampicin. Sitaram N, et al. **FEBS Lett** 1985 Mar 11;182(1):77-80

Induction of rat liver bilirubin-conjugating enzymes and glutathione S-transferase by rifampicin. Adachi Y, et al. **Gastroenterol Jpn** 1985 Apr;20(2):104-10

A study of the effects of rifampicin on isoniazid metabolism in human volunteer subjects. Timbrell JA, et al. **Hum Toxicol** 1985 May;4(3):279-85

Cell proliferation and nucleic acid synthesis in cells treated with rifampin. Adhvaryu SG, et al. **Indian J Exp Biol** 1984 Jul;22(7):350-2

Differences in ability of cell-wall antibiotics to suppress emergence of rifampicin resistance in Staphylococcus aureus. Eng RH, et al. **J Antimicrob Chemother** 1985 Feb; 15(2):201-7

In-vitro effects of vancomycin and rifampicin, alone and in combination, against methicillin-sensitive and methicillin-resistant staphylococci. Varaldo PE, et al. **J Antimicrob Chemother** 1984 Dec;14 Suppl D:35-41

Antibiotic and deoxycholate resistance in Campylobacter jejuni following freezing or heating. Humphrey TJ, et al. **J Appl Bacteriol** 1985 Jul;59(1):65-71

A method for the assay of alpha 1-acid glycoprotein in dog serum and its application to the plasma binding of propranolol and oxprenolol in animals receiving rifampicin. Delcroix C, et al. **J Pharmacol Methods** 1984 Sep; 12(2):97-105

Mutation to rifampicin resistance at the beginning of the RNA polymerase beta subunit gene in Escherichia coli. Lisitsyn NA, et al. **MGG** 1984;196(1):173-4

Mutant of Escherichia coli with unusual patterns of rpoB,C expression in response to rifampicin and acridine orange. Tittawella IP. **MGG** 1985;200(1):114-7

Interaction of ketoconazole with rifampin and isoniazid [letter] Craven PC. **N Engl J Med** 1985 Apr 18;312(16):1061

Interaction of ketoconazole with rifampin and isoniazid. Engelhard D, et al. **N Engl J Med** 1984 Dec 27; 311(26):1681-3

Effect of rifampin on chloramphenicol levels [letter] Prober CG. **N Engl J Med** 1985 Mar 21;312(12):788-9

Reduction of bioavailability of verapamil by rifampin [letter] Rahn KH, et al. **N Engl J Med** 1985 Apr 4;312(14):920-1

Disc inhibition zones of rifampin against Haemophilus influenzae type b. Walterspiel JN, et al. **Pediatr Infect Dis** 1985 Mar-Apr;4(2):209-10

In vitro susceptibility of Paracoccidioides brasiliensis yeast form to antifungal agents. Restrepo A, et al. **Rev Inst Med Trop Sao Paulo** 1984 Nov-Dec;26(6):322-8

Susceptibility of Neisseria gonorrhoeae to rifampicin and thiamphenicol: correlation with protein I antigenic determinants. Bygdeman SM, et al. **Sex Transm Dis** 1984 Oct-Dec;11(4 Suppl):366-70

Effects of rifampicin and phenobarbital on the fate of isoniazid and hydrazine in vivo in rats. Noda A, et al. **Toxicol Lett** 1985 Jun;25(3):313-7

Effects of rifampin pretreatment on hepatic parameters in the rabbit. Whitehouse LW, et al. **Toxicol Lett** 1985 Feb-Mar;24(2-3):131-6

[Enzyme activity and ultrastructure of the intestinal epithelium in mice treated with rifampicin] Cellesi C, et al. **Boll Ist Sieroter Milan** 1985;64(2):150-4 (Eng. Abstr.) **(Ita)**

[A comparative study of the accelerated metabolism of cortisol, prednisolone and dexamethasone in patients under rifampicin therapy] Kawai S. **Nippon Naibunpi Gakkai Zasshi** 1985 Mar 20;61(3):145-61 (Eng. Abstr.) **(Jpn)**

[Study of the biological characteristics of strains of M. tuberculosis resistant to isoniazid and rifampin] Diaconescu C, et al. **Rev Ig [Pneumoftiziol]** 1984 Apr-Jun;33(2):151-62 (Eng. Abstr.) **(Rum)**

[Nucleotide substitutions in the rpoB gene leading to rifampicin resistance of E. coli RNA polymerase] Lisitsyn NA, et al. **Bioorg Khim** 1984 Jan;10(1):127-8 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

A comparative study of four rodent systems to monitor initial therapy of lepromatous leprosy: in search of a more sensitive system to assess bacterial viability. Gelber RH, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):319-25

Multiple group B streptococcal infections in a premature infant: eradication of nasal colonization with rifampin [letter] Millard DD, et al. **Am J Dis Child** 1985 Oct; 139(10):964-5

Effect of rifampicin administration on theophylline pharmacokinetics in humans. Powell-Jackson PR, et al. **Am Rev Respir Dis** 1985 Jun;131(6):939-40

Supervised six-months treatment of newly diagnosed pulmonary tuberculosis using isoniazid, rifampin, and pyrazinamide with and without streptomycin. Snider DE, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1091-4

Rifampin resistance. Development during the therapy of methicillin-resistant Staphylococcus aureus infection. Eng RH, et al. **Arch Intern Med** 1985 Jan;145(1):146-8

Treatment of uncomplicated gonorrhoea in women with a combination of rifampicin and erythromycin. Boakes AJ, et al. **Br J Vener Dis** 1984 Oct;60(5):309-11

Short course chemotherapy for tuberculosis of lymph nodes: a controlled trial. British Thoracic Society Research Committee. **Br Med J [Clin Res]** 1985 Apr 13; 290(6475):1106-8

Dermal leishmaniasis after kala-azar infection: successful treatment with rifampin. Saha SK. **Cutis** 1985 Jul;36(1):81-2

Six-month chemotherapy for urogenital tuberculosis. Skutil V, et al. **Eur Urol** 1985;11(3):170-6

Once monthly rifampicin (1200 mg) plus daily dapsone (100 mg) and clofazimine (100 mg) in the initial treatment of lepromatous leprosy. Chandorkar AG, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):63-70

Experience with two drug regimen in paucibacillary leprosy--preliminary report. Kaur S, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):48-9

Evaluation of multidrug therapy with rifampicin, clofazimine and D.D.S. in multibacillary leprosy cases. Kundu SK, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):78-85

Chemoprophylaxis for the prevention of bacterial meningitis. Schaad UB. **Infection** 1984;12 Suppl 1: S65-71

Comparative study of two regimens of combined chemotherapy of one year duration in multibacillary leprosy. Results after four and five years' follow-up. Pattyn SR, et al. **Int J Lepr** 1984 Sep;52(3):297-303

Absence from sera from normal individuals or from rifampin-treated leprosy patients (THELEP trials) of antibody to rifamycin-protein or rifamycin-membrane conjugates. Rook GA. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):22-7

Chemotherapeutic agents in pulmonary tuberculosis with special reference to isoniazid-ethambutol continuation therapy. Lees AW. **Ir J Med Sci** 1985 May;154(5 Suppl 1):38-41

Efficacy of rifampicin in experimental Bacteroides fragilis and Pseudomonas aeruginosa mixed infections. Fu KP, et al. **J Antimicrob Chemother** 1985 May;15(5):579-85

Therapeutic efficacy and pharmacokinetic properties of rifampicin in a Bacteroides fragilis intra-abdominal abscess. Fu KP, et al. **J Antimicrob Chemother** 1984 Dec; 14(6):633-40

Prosthetic valve endocarditis due to methicillin-resistant Staphylococcus epidermidis and Micrococcus species successfully treated with rifampicin combined with other antibiotics. Colebunders R, et al. **J Infect** 1985 Jul; 11(1):35-9

Guidelines for dealing with the guidelines: rifampin prophylaxis for day care contacts of patients with serious Haemophilus influenzae type b infections. Daum RS, et al. **J Pediatr** 1984 Nov;105(5):761-3

Penicillin plus rifampin eradicates pharyngeal carriage of group A streptococci. Tanz RR, et al. **J Pediatr** 1985 Jun; 106(6):876-80

Prophylaxis of Hemophilus influenzae type b disease [letter] Band JD, et al. **JAMA** 1984 Dec 21;252(23):3249-50

Prosthetic valve endocarditis caused by Staphylococcus epidermidis. Development of rifampin resistance during vancomycin and rifampin therapy. Chamovitz B, et al. **JAMA** 1985 May 17;253(19):2867-8

Isoniazid-resistant tuberculosis. A community outbreak and report of a rifampin prophylaxis failure. Livengood JR, et al. **JAMA** 1985 May 17;253(19):2847-9

Multidrug therapy for leprosy in Trinidad and Tobago: a preliminary report. Keeler RF. **Lepr Rev** 1984 Dec; 55(4):391-6

Rifampin. No longer just for tuberculosis. Tofte RW. **Postgrad Med** 1985 Feb 15;77(3):228-30 (5 ref.)

Preliminary observations on short-course chemotherapy in tuberculous serositis. Bakir F, et al. **Respiration** 1984; 46(1):133-8

Rifampicin-erythromycin combination for the treatment of gonococcal urethritis in men. Desudchit P, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep; 15(3):360-3

Treatment of pulmonary tuberculosis in patients notified in England and Wales in 1978-9: chemotherapy and hospital admission. Medical Research Council Tuberculosis and Chest Diseases Unit. **Thorax** 1985 Feb;40(2):113-20

The antagonistic effect of rifampin upon cyclosporine bioavailability. Van Buren D, et al. **Transplant Proc** 1984 Dec;16(6):1642-5

Long term study of the effect of rifampicin and isoniazid on vitamin D metabolism. Williams SE, et al. **Tubercle** 1985 Mar;66(1):49-54

[Initial results of prospective controlled treatment trials in leprosy] Pattyn SR. **Verh K Acad Geneeskd Belg** 1984; 46(3):207-19 (Eng. Abstr.) **(Dut)**

[Treatment of severe staphylococcal infections. Failure of rifampicin in combination therapy. 4 cases] Garaud JJ, et al. **Presse Med** 1985 May 4;14(18):1013-6 (Eng. Abstr.) **(Fre)**

[The pharmacokinetics of rifampicin in the intermittent treatment of patients with pulmonary tuberculosis. 2. The effect of rifampicin on the course of therapy for mycobacteriosis and non-tubercular infectious diseases] Eule H, et al. **Pharmazie** 1985 Apr;40(4):276-7 **(Ger)**

[Staphylococcal endocarditis associated with valve prosthesis. Therapeutic problems and description of a clinical case] Pasticci MB, et al. **Clin Ter** 1984 Sep 15; 110(5):437-43 (Eng. Abstr.) **(Ita)**

[Five year follow-up study on the short-course chemotherapy for pulmonary tuberculosis in Niigata Prefecture] Hashimoto T, et al. **Kekkaku** 1984 Jun; 59(6):369-76 (Eng. Abstr.) **(Jpn)**

[Effect of rifampicin on cell mediated immunity in patients with pulmonary tuberculosis--with special reference to interferon-producing ability of peripheral blood lymphocytes] Hirano A. **Kekkaku** 1984 Jun;59(6):385-93 (Eng. Abstr.) **(Jpn)**

[Actual condition and chemotherapy of extrapulmonary tuberculosis in national sanatoria. An observation in tuberculous lymphadenitis. Report of the B series of 26th controlled trials of chemotherapy] Konishiike J, et al. **Kekkaku** 1985 Apr;60(4):255-63 (Eng. Abstr.) **(Jpn)**

[Studies on short-course chemotherapy of tuberculosis. II. Liver function during 6-month chemotherapy of tuberculosis with hydrazide, rifampicin and pyrazinamide] Nikodemowicz E, et al. **Pneumonol Pol** 1984 Oct; 52(10):503-12 (Eng. Abstr.) **(Pol)**

[Combination of rifampicin with amphotericin B in the treatment of paracoccidioidomycosis. Results in 3 treated patients] Wanke B, et al. **Rev Inst Med Trop Sao Paulo** 1984 Jul-Aug;26(4):205-11 (Eng. Abstr.) **(Por)**

[Staphylococcus aureus resistant to cloxacillin: treatment with fosfomycin-rifampicin] Wolff M, et al. **Rev Med Chil** 1984 Jul;112(7):665-71 (Eng. Abstr.) **(Spa)**

TOXICITY

Rifampicin-induced chromatid exchanges in Sarcoma-180 mouse ascites cells. Chaudhuri A, et al. **Mutat Res** 1984 Nov-Dec;141(3-4):171-3

[Comparative evaluation of the effectiveness of hepatoprotective agents in a liver lesion by combined ethanol and tuberculostatic agents] Ortenberg EA, et al. **Farmakol Toksikol** 1984 Jul-Aug;47(4):102-5 (Eng. Abstr.) **(Rus)**

URINE

[The pharmacokinetics of rifampicin in the intermittent treatment of patients with pulmonary tuberculosis. 1. Excretion of rifampicin in the urine] Winsel K, et al. **Pharmazie** 1985 Apr;40(4):253-6 (Eng. Abstr.) **(Ger)**

RIFAMYCINS

X-ray crystal structure of 4-deoxy-3'-bromopyrido[1',2'-1,2]imidazo[5,4-c]rifamycin S. Brufani M, et al. **J Antibiot (Tokyo)** 1984 Dec; 37(12):1623-7

A study of structure-activity relationships in 4-deoxypyrido[1',2'-1,2]imidazo[5,4-c]rifamycin SV derivatives by electron spectroscopy for chemical analysis and 1H NMR. Cellai L, et al. **Mol Pharmacol** 1985 Jan; 27(1):103-8

ADMINISTRATION & DOSAGE

[The effect of a combination of INH, Rifadin and Miambutol in generalized tuberculosis] Djurišić M, et al. **Glas Srp Akad Nauka [Med]** 1981;(33):153-8 **(Scc)**

ADVERSE EFFECTS

Allergy to mercurochrome and rifamycin. Riboldi A, et al. **Contact Dermatitis** 1985 Mar;12(3):180

ANALYSIS

Physico-chemical properties of FCE 22250, 3-(piperidinomethylazinomethyl)rifamycin SV, a new long-acting rifamycin. Vigevani A, et al. **Farmaco [Prat]** 1985 May;40(5):131-40

BIOSYNTHESIS

B-factor, an essential regulatory substance inducing the production of rifamycin in a Nocardia sp. Kawaguchi T, et al. **J Antibiot (Tokyo)** 1984 Dec;37(12):1587-95

BLOOD

Impaired plasma clearance of nicotinic acid and rifamycin-SV in Gilbert's syndrome: evidence of a functional heterogeneity. Gentile S, et al. **Hepatogastroenterology** 1985 Jun;32(3):113-6

CHEMICAL SYNTHESIS

The synthesis of 4-deoxypyrido[1',2'-1,2]imidazo[5,4-c]rifamycin SV derivatives. Brufani M, et al. **J Antibiot (Tokyo)** 1984 Dec; 37(12):1611-22

Novel rifamycins. IV. 3-Aminomethylazinomethylrifamycins, a new class of rifamycins, endowed with remarkable antibacterial activity. Marsili L, et al. **J Antibiot (Tokyo)** 1984 Oct;37(10):1209-12

4-Deoxypyrido[1',2':1,2]imidazo[5,4-c]rifamycin SV derivatives. A new series of semisynthetic rifamycins with high antibacterial activity and low gastroenteric absorption. Marchi E, et al. **J Med Chem** 1985 Jul;28(7):960-3

IMMUNOLOGY

Absence from sera from normal individuals or from rifampin-treated leprosy patients (THELEP trials) of antibody to rifamycin-protein or rifamycin-membrane conjugates. Rook GA. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):22-7

METABOLISM

Rifaximin (L/105), a new topical intestinal antibiotic: pharmacokinetic study after single oral administration of 3H-rifaximin to rats. Cellai L, et al. **Chemioterapia** 1984 Dec;3(6):373-7

PHARMACODYNAMICS

In vitro activity of rifaximin and rifampicin against some anaerobic bacteria. Lamanna A, et al. **Chemioterapia** 1984 Dec;3(6):365-7

Activity of the spiropiperidyl rifamycin LM 427 on rifampicin resistant Mycobacterium tuberculosis. Ungheri D, et al. **G Ital Chemioter** 1984 Sep-Dec;31(3):211-4

Laboratory evaluation of a new long-acting 3-azinomethylrifamycin FCE 22250. Della Bruna C, et al. **J Antibiot (Tokyo)** 1985 Jun;38(6):779-86

Correlation of structure and activity in ansamycins: structure, conformation, and interactions of antibiotic rifamycin S. Arora SK. **J Med Chem** 1985 Aug;28(8):1099-102

[RNA polymerase-rifamycin. A molecular model of inhibition] Chertov OIu, et al. **Bioorg Khim** 1983 May; 9(5):633-40 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Open study on the antidiarrhoeal effectiveness of the L 105 compound. Fiorentino F, et al. **Chemioterapia** 1984 Apr; 3(2):132-5

Antimycobacterial activity of rifaximin (L/105) in experimental tuberculosis in the guinea pig. Lucchesi M, et al. **Chemioterapia** 1984 Dec;3(6):371-2

[Rifamycin SV in the treatment of herpes zoster. Results of a multicenter clinical investigation] Bruni L, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec;119(6):XXIII-VII (Eng. Abstr.) **(Ita)**

[Rifamycin and superoxide dismutase in the treatment of rheumatoid synovitis of the knee] Corvetta A, et al. **Recenti Prog Med** 1985 May;76(5):265-8 (Eng. Abstr.) **(Ita)**

RIFOMYCINS see RIFAMYCINS

RIFT VALLEY FEVER

DRUG THERAPY

Enhanced efficacy of liposome-encapsulated ribavirin against Rift Valley fever virus infection in mice. Kende M, et al. **Antimicrob Agents Chemother** 1985 Jun;27(6):903-7

MICROBIOLOGY

[Rift valley fever and Zinga virus: a pathogenic arbovirus in man and animal new for Madagascar] Mathiot C, et al. **Arch Inst Pasteur Madagascar** 1984;51(1):125-33 (Eng. Abstr.) **(Fre)**

OCCURRENCE

Rift Valley fever in Kenya: the presence of antibody to the virus in camels (Camelus dromedarius). Davies FG, et al. **J Hyg (Lond)** 1985 Apr;94(2):241-4

Crimean-Congo haemorrhagic fever and Rift Valley fever in south-eastern Mauritania [letter] Saluzzo JF, et al. **Lancet** 1985 Jan 12;1(8420):116

PARASITOLOGY

Increased mosquito feeding on Rift Valley fever virus-infected lambs. Turell MJ, et al.

Am J Trop Med Hyg 1984 Nov;33(6):1232-8

PREVENTION & CONTROL

Active and passive immunization against Rift Valley fever virus infection in Syrian hamsters. Niklasson BS, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Aug; 92(4):197-200

TRANSMISSION

Enzyme-linked immunosorbent assay for detection of Rift Valley fever virus antigen in mosquitoes. Niklasson BS, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):400-5

RIFT VALLEY FEVER VIRUS see under **BUNYAVIRIDAE**

RIGHT TO TREATMENT see **PATIENT ADVOCACY**

RILEY-DAY SYNDROME see **DYSAUTONOMIA, FAMILIAL**

RILEY VIRUS see **LACTATE DEHYDROGENASE VIRUS**

RIMANTADINE see under **ADAMANTANE**

RIMITEROL see under **CATECHOLS**

RINDERPEST

COMPLICATIONS

Experimental infection of goats with Mycoplasma capri and 'peste des petits ruminants' virus. Onoviran O, et al. **Rev Elev Med Vet Pays Trop** 1984;37(1):16-8

Combined natural infection with infectious bovine rhinotracheitis and rinderpest viruses. Hassan AK, et al. **Trop Anim Health Prod** 1985 Feb;17(1):52

DIAGNOSIS

Rapid diagnosis of peste des petits ruminants (PPR) infection, application of immunoelectroosmophoresis (IEOP) technique. Majiyagbe KA, et al. **Rev Elev Med Vet Pays Trop** 1984;37(1):11-5

Rapid diagnosis of rinderpest by countercurrent immuno-electro-osmo-phoresis in Nigeria. Durojaiye OA. **Zentralbl Veterinarmed [B]** 1984 Dec;31(10):790-1

HISTORY

Rinderpest and mainstream infectious disease concepts in the eighteenth century. Wilkinson L. **Med Hist** 1984 Apr; 28(2):129-50

IMMUNOLOGY

Application of countercurrent immuno-electro-osmo-phoresis to the serology of peste des petits ruminants. Durojaiye OA, et al. **Rev Elev Med Vet Pays Trop** 1984;37(3):272-6

MICROBIOLOGY

The detection of peste des petits ruminants (PPR) virus antigen by agar gel precipitation test and counter-immunoelectrophoresis. Obi TU, et al. **J Hyg (Lond)** 1984 Dec;93(3):579-86

The shedding of a virulent Kabete O strain of rinderpest virus by cattle. Mushi EZ, et al. **Vet Res Commun** 1984 Aug;8(3):173-9

PREVENTION & CONTROL

Serum-virus simultaneous method of immunisation against peste des petits ruminants. Adu FD, et al. **Trop Anim Health Prod** 1984 May;16(2):119-22

Hyperimmune serum in the control of peste des petits ruminants. Ihemelandu EC, et al. **Trop Anim Health Prod** 1985 May;17(2):83-8

RINDERPEST VIRUS

GENETICS

Comparison of messenger RNAs induced in cells infected with each member of the morbillivirus group. Barrett T, et al. **Virology** 1985 Aug;145(1):195-9

GROWTH & DEVELOPMENT

The differential growth of virulent and avirulent strains of rinderpest virus in bovine lymphocytes and macrophages. Rossiter PB, et al. **J Gen Virol** 1985 May;66 (Pt 5):969-75

IMMUNOLOGY

Is rinderpest virus the archevirus of the Morbillivirus genus? Norrby E, et al. **Intervirology** 1985;23(4):228-32

The detection of peste des petits ruminants (PPR) virus antigen by agar gel precipitation test and counter-immunoelectrophoresis. Obi TU, et al. **J Hyg (Lond)** 1984 Dec;93(3):579-86

A microneutralization test for the detection of rinderpest virus antibodies. Taylor WP, et al. **Rev Elev Med Vet Pays Trop** 1984;37(2):155-9

Serum-virus simultaneous method of immunisation against peste des petits ruminants. Adu FD, et al. **Trop Anim Health Prod** 1984 May;16(2):119-22

Detection of rinderpest antibodies. Joshi RC, et al. **Trop Anim Health Prod** 1984 Aug;16(3):167-70

Serological studies with peste des petits ruminants and rinderpest viruses in Nigeria. Obi TU, et al. **Trop Anim Health Prod** 1984 May;16(2):115-8

Notes on immunoprecipitin reactions with rinderpest virus. Rossiter PB. **Trop Anim Health Prod** 1985 Feb;17(1):55-6

Microneutralisation systems for use with different strains of peste des petits ruminants virus and rinderpest virus. Rossiter PB, et al. **Trop Anim Health Prod** 1985 May; 17(2):75-81

Antibody response of cattle to rinderpest vaccine. Sharma B, et al. **Vet Microbiol** 1985 Jan;10(2):189-92

ISOLATION & PURIFICATION

The shedding of a virulent Kabete O strain of rinderpest virus by cattle. Mushi EZ, et al. **Vet Res Commun** 1984 Aug;8(3):173-9

RING CHROMOSOMES see under **CHROMOSOME ABERRATIONS**

RING CONSTRICTIONS, INTRAUTERINE see **AMNIOTIC BAND SYNDROME**

RINGWORM see **TINEA**

RIOTS

see related
VIOLENCE

Prison riot! Haines JD Jr. **J Okla State Med Assoc** 1985 Apr; 78(4):108-11

[Collective psychoses] Zbinden JD. **Schweiz Rundsch Med Prax** 1985 Jul 16;74(29):774-8 (Eng. Abstr.) **(Fre)**

RISK see under **PROBABILITY**

RISK MANAGEMENT see under **FINANCIAL MANAGEMENT**

RISK-TAKING

Real and laboratory gambling, sensation-seeking and arousal. Anderson G, et al. **Br J Psychol** 1984 Aug;75 (Pt 3):401-10

Suicide attempters, ideators and risk-taking propensity. Silberfeld M, et al. **Can J Psychiatry** 1985 Jun;30(4):274-7

An outcome study of an inpatient treatment program for pathological gamblers. Russo AM, et al. **Hosp Community Psychiatry** 1984 Aug;35(8):823-7

Self-report and heart rate responses to a stressful task. Lewis D, et al. **Int J Psychophysiol** 1984 Aug;2(1):33-7

Wagering preferences of problem gamblers. Malkin D, et al. **J Abnorm Psychol** 1985 Feb;94(1):86-91

Patients' willingness to take risks in the management of pharyngitis. Herman JM. **J Fam Pract** 1984 Dec; 19(6):767-72

Measurement and structure of pathological gambling behavior. Zimmerman MA, et al. **J Pers Assess** 1985 Feb; 49(1):76-81

Coparticipant effects on subjects' decisions to consent for risk-involving research. Finney PD. **J Soc Psychol** 1984 Oct;124(1ST Half):35-41

Cognitive risk-taking after frontal or temporal lobectomy--I. The synthesis of fragmented visual information. Miller L. **Neuropsychologia** 1985;23(3):359-69

Cognitive risk-taking after frontal or temporal lobectomy--II. The synthesis of phonemic and semantic information. Miller L, et al. **Neuropsychologia** 1985; 23(3):371-9

Pathologic gambling and other risk-taking pursuits. Wolkowitz OM, et al. **Psychiatr Clin North Am** 1985 Jun; 8(2):311-22 (36 ref.)

The risk-benefit ratio in medical hero-worship. Owen JA Jr. **Va Med** 1984 Nov;111(11):682-7

[Responsibility for one's own health. Typology as synthesis] Dooghe G, et al. **Arch Belg** 1984;42(5-6):253-69 (Eng. Abstr.) **(Dut)**

[Adolescent health. At-risk behavior] Sand EA. **Arch Belg** 1984;42(11-12):574-83 **(Fre)**

RISTOCETIN

ANALOGS & DERIVATIVES

Preparation of biologically active ristocetin derivatives: replacements of the 1'-amino group. Herrin TR, et al. **J Med Chem** 1985 Sep;28(9):1371-5

METABOLISM

Carbohydrate moiety of von Willebrand factor is not necessary for maintaining multimeric structure and ristocetin cofactor activity but protects from proteolytic degradation. Federici AB, et al. **J Clin Invest** 1984 Dec; 74(6):2049-55

PHARMACODYNAMICS

Ristocetin-induced platelet agglutination in four Chinese patients with Glanzmann's thrombasthenia. Joyce RP, et al. **Pathology** 1985 Jan;17(1):71-4

Interactions of purified rat factor VIII/von Willebrand factor with rat and human platelets--effect of albumin and ristocetin. Dejana E, et al. **Thromb Haemost** 1984 Aug 31; 52(1):57-9

RISTOMYCIN

BIOSYNTHESIS

[Selection of the medium for the simultaneous synthesis of an antibiotic, protease and pigment by a Nocardia fructifera culture] Toropova EG, et al. **Biol Nauki** 1984;(10):96-101 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

[IIB-type Willebrand disease (a case of increased ristomycin-induced aggregation)] Boda Z, et al. **Orv Hetil** 1985 Aug 11;126(32):1957-60 (Eng. Abstr.) **(Hun)**

RITODRINE see under **PROPANOLAMINES**

RITTER'S DISEASE see **DERMATITIS EXFOLIATIVA**

RNA

see related
NISSL BODIES
NUCLEIC ACID DENATURATION
NUCLEIC ACID HYBRIDIZATION
REPETITIVE SEQUENCES, NUCLEIC ACID
RIBOSOMES

Sequence and conformational effects on imino proton exchange in A.T- and A.U-containing DNA and RNA duplexes. Mirau PA, et al. **Biopolymers** 1985 Apr; 24(4):711-24

Evidence against gamma-crystallin DNA or RNA sequences in the chicken. Tréton JA, et al. **Exp Eye Res** 1984 Oct; 39(4):513-22

Phosphate-guanosine interactions. A model for the involvement of guanine derivatives in autocatalytic reactions of ribonucleic acids. Lancelot G, et al. **J Biol Chem** 1984 Dec 25;259(24):15046-50

Effect of spermidine on the conformation of bacteriophage MS2 RNA. Electron microscopy and computer modeling. Jacobson AB, et al. **J Mol Biol** 1985 Feb 20;181(4):517-31

Ribonucleoprotein organization of eukaryotic RNA. XXXI. Structure of the U1 small nuclear ribonucleoprotein. Lin WL, et al. **J Mol Biol** 1984 Dec 25;180(4):947-60

The small nuclear RNAs of Drosophila. Myslinski E, et al. **J Mol Biol** 1984 Dec 25;180(4):927-45

In vitro photoreactions of selected psoralens and methylangelicins with DNA, RNA, and proteins. Rodighiero G, et al. **Natl Cancer Inst Monogr** 1984 Dec; 66:31-40 (62 ref.)

Evidence for Z-form RNA by vacuum UV circular dichroism. Riazance JH, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4983-9

RNA structure analysis using T2 ribonuclease: detection of pH and metal ion induced conformational changes in yeast tRNAPhe. Vary CP, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6763-78

Condensation of nucleic acids by intercalating aromatic cations. Kapuscinski J, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7368-72

RNA structure analysis using methidiumpropyl-EDTA.Fe(II): a base-pair-specific RNA structure probe. Vary CP, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6978-82

[Recombinant RNA technology] Liu PN. **Sheng Li Ko Hsueh Chin Chan** 1985 Jan;16(1):61-4 (6 ref.) **(Chi)**

[The great interest in small RNA] Gus'kova LI, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):571-5 (Eng. Abstr.) **(Rus)**

[Prediction of the ensembles of RNA secondary structures. Kinetic analysis of self-organization] Mironov AA, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1686-94 (Eng. Abstr.) **(Rus)**

[Conformation characteristics of biopolymers] Varshavskii IaM. **Mol Biol (Mosk)** 1985 Jan-Feb;19(1):230-47 (79 ref.) (Eng. Abstr.) **(Rus)**

ANALYSIS

Relationship between myometrial cyclic nucleotide phosphodiesterase (PDE) activity and the RNA/DNA ratio at various stages of gestation in primates. Ferre F, et al. **Acta Physiol Hung** 1985;65(4):433-41

A fluorochromic stain for nucleic acids to demonstrate submucosal and myenteric neurons in Hirschsprung's disease. Sarnat HB, et al. **Am J Clin Pathol** 1985 Jun; 83(6):722-5

Effect of hypokinesia and hypodynamia on protein, RNA, and DNA in rat hindlimb muscles. Steffen JM, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R728-32

An assay to determine the kinetics of RNA cleavage. Corcoran R, et al. **Anal Biochem** 1985 Feb 1;144(2):563-8

Analysis of RNA structure by ultraviolet crosslinking and denaturation gel electrophoresis. Quarless SA, et al. **Anal Biochem** 1985 Jun;147(2):296-300

Functional relationship of ammonia with RNA, DNA, and protein in rat muscle. Ghori MI, et al. **Biochem Med** 1985 Jun;33(3):284-90

A family of small nucleoplasmic RNAs with common structural features. Jacob M, et al. **Biol Cell** 1984;51(1):1-9 (64 ref.)

Colocalization of U1 and U2 small nuclear RNPs by immunocytochemistry. Spector DL. **Biol Cell** 1984; 51(1):109-12

Quantitative analysis of nucleic acids, proteins, and viruses by Raman band deconvolution. Thomas GJ Jr, et al. **Biophys J** 1984 Dec;46(6):763-8

Prognostic implications of tumor cell DNA and RNA content in multiple myeloma. Barlogie B, et al. **Blood** 1985 Aug;66(2):338-41

Heterogeneity of human aortic cells in regard to RNA content. Orekhov AN, et al. **Blood Vessels** 1984;21(6):290-7

Effects of neonatal methylmercury exposure on development of nucleic acids and proteins in rat brain: regional specificity. Slotkin TA, et al. **Brain Res Bull** 1985 May; 14(5):397-400

Characterization of dihydrofolate reductase-related DNA and RNA from human KB cell subclones containing different amounts of enzyme. Bouchard J, et al. **Cancer Res** 1985 Apr;45(4):1717-22

Homology between rat liver RNA populations during development, regeneration, and neoplasia. Petropoulos CJ, et al. **Cancer Res** 1985 Oct;45(10):5114-21

RNA content and chromatin structure of CHO cells arrested in metaphase by colcemid. Melamed J, et al. **Cytometry** 1985 Jul;6(4):381-5

A computer method for scanning and analysis of dot blots. Williams RL, et al. **DNA** 1985 Jun;4(3):255-62

Transcription signals in embryonic Xenopus laevis U1 RNA genes. Ciliberto G, et al. **EMBO J** 1985 Jun;4(6):1537-43

Structure and evolution of the 7SL RNA component of the signal recognition particle. Gundelfinger ED, et al. **EMBO J** 1984 Oct;3(10):2325-32

The two embryonic U1 RNA genes of Xenopus laevis have both common and gene-specific transcription signals. Krol A, et al. **EMBO J** 1985 Jun;4(6):1529-35

5'-Terminal caps of snRNAs are reactive with antibodies specific for 2,2,7-trimethylguanosine in whole cells and nuclear matrices. Double-label immunofluorescent studies with anti-m3G antibodies and with anti-RNP and anti-Sm autoantibodies. Reuter R, et al. **Exp Cell Res** 1984 Oct; 154(2):548-60

On the nature of Romanowsky-Giemsa staining and the Romanowsky-Giemsa effect. I. Model experiments on the specificity of azure B-eosin Y stain as compared with other thiazine dye-eosin Y combinations. Wittekind DH, et al. **Histochem J** 1985 Mar;17(3):263-89

Anti-DNA.RNA sera. Specificity tests and application in quantitative in situ hybridization. Raap AK, et al. **Histochemistry** 1984;81(6):517-20

Is it possible to analyze DNA and protein sequences by the methods of digital signal processing? Veljković V, et al. **IEEE Trans Biomed Eng** 1985 May;32(5):337-41

Variation of the poly(A) size classes in the rat mammary gland during the lactation cycle. Nadin-Davis SA, et al. **Int J Biochem** 1985;17(3):415-20

Changes in the nuclear and cytoplasmic levels of type I and type II collagen RNAs during growth of chondrocytes in 5-bromo-2'-deoxyuridine. Saxe SA, et al. **J Biol Chem** 1985 Mar 25;260(6):3812-9

Detection of intranuclear clusters of Sm antigens with monoclonal anti-Sm antibodies by immunoelectron microscopy. Eliceiri GL, et al. **J Cell Physiol** 1984 Nov; 121(2):449-51

High-performance liquid chromatographic investigations on the time-dependent reaction of cis-Pt(NH3)2Cl2, Pt(en)Cl2 and Pt(pn)Cl2 with RNA fragments. Wenclawiak B, et al. **J Chromatogr** 1984 Jul 27;296:395-401

Immunologic and structural studies of the lupus/Sjögren's syndrome autoantigen, La/SSB, with a monoclonal antibody. Harley JB, et al. **J Clin Invest** 1985 Aug; 76(2):801-6

Changes in nucleic acid and protein content in nuclei of human cervical cells. Bhattacharya PK, et al. **Mech Ageing Dev** 1984 Oct 15;27(2):135-42

Characterization of the branch site in lariat RNAs produced by splicing of mRNA precursors. Konarska MM, et al. **Nature** 1985 Feb 14-20;313(6003):552-7

Subcellular localization of RNAs in transfected cells: role of sequences at the 5' terminus. Alfonso-Pizarro A, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8363-80

Unusual properties of two branched RNA's with circular and linear components. Branch AD, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4889-903

Nomenclature for incompletely specified bases in nucleic acid sequences: recommendations 1984. Cornish-Bowden A. **Nucleic Acids Res** 1985 May 10;13(9):3021-30

Spacer sequences downstream of the 28S RNA coding region are part of the mouse rDNA transcription unit. Grummt I, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2293-304

A beta zero-thalassemic beta-globin RNA that is labile in bone marrow cells is relatively stable in HeLa cells. Maquat LE, et al. **Nucleic Acids Res** 1985 Apr 25;13(8):2855-67

RNA sequence and secondary structure requirements for rho-dependent transcription termination. Morgan WD, et al. **Nucleic Acids Res** 1985 May 24;13(10):3739-54

Compilation of small RNA sequences. Reddy R. **Nucleic Acids Res** 1985;13 Suppl:r155-63

Association of the lupus antigen La with a subset of U6 snRNA molecules. Rinke J, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2617-29

A social environment influences the total RNA content of the brain cells of young laboratory rats. Nováková V. **Physiol Bohemoslov** 1984;33(4):362-6

Secondary structure of the circular form of the Tetrahymena rRNA intervening sequence: a technique for RNA structure analysis using chemical probes and reverse transcriptase. Inoue T, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):648-52

Correlated measurements of DNA, RNA, and protein in individual cells by flow cytometry. Crissman HA, et al. **Science** 1985 Jun 14;228(4705):1321-4

Brain 'identifier sequence' is not restricted to brain: similar abundance in nuclear RNA of other organs. Owens GP, et al. **Science** 1985 Sep 20;229(4719):1263-5

Oligomerization of intervening sequence RNA molecules in the absence of proteins. Zaug AJ, et al. **Science** 1985 Sep 13;229(4718):1060-4

[Characterization of total RNA, messenger poly(A)+ RNA and homologous complementary DNA in experimental cardiac hypertrophy] Moalic JM, et al. **Arch Mal Coeur** 1984 Oct;77(11):1155-7 (Eng. Abstr.) **(Fre)**

[Acridine orange: a fluorochrome of nucleic acids for the study of muscle and nerve cells] Sarnat HB. **Rev Neurol (Paris)** 1985;141(2):120-7 (Eng. Abstr.) **(Fre)**

[Acridine orange staining for DNA-RNA cytofluorometry of epidermal basal cells] Nomura H, et al. **Nippon Hifuka Gakkai Zasshi** 1985 May;95(6):685-8 **(Jpn)**

[Biochemistry of the brain. f. Nucleic acids] Suzuki N. **Nippon Rinsho** 1985 Feb;43(2):266-9 (29 ref.) **(Jpn)**

[Hybridization of low molecular weight nuclear RNA with pre-mRNA from erythroid bone marrow cells and rabbit mRNA] Kavsan VM, et al. **Biokhimiia** 1985 Apr; 50(4):613-9 (Eng. Abstr.) **(Rus)**

[Comparative study of low molecular weight RNA in various taxonomic groups] Evtushenko VI, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1396-406 (Eng. Abstr.) **(Rus)**

[Hybridization of low molecular weight nuclear RNA with nuclear RNA and DNA restriction fragments] Evtushenko VI, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1424-31 (Eng. Abstr.) **(Rus)**

[Characteristics of poly A-containing RNA from liver mitochondria of normal and adrenalectomized rats] Minchenko AG. **Probl Endokrinol (Mosk)** 1984 Nov-Dec; 30(6):46-9 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Enhanced RNA and protein synthesis in vitro in astrocytes derived from rats in the early stage of experimental hepatogenic encephalopathy. Albrecht J. **Acta Neurol Scand** 1984 Oct;70(4):314-6

Studies on the regulation of RNA labeling and on the biochemical constituents of normal and abnormal human thyroid. Krawiec L, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(4):375-83

Inhibition of RNA synthesis by benzene metabolites and their covalent binding to DNA in rabbit bone marrow mitochondria in vitro. Kalf GF, et al. **Am J Ind Med** 1985; 7(5-6):485-92

Bovine seminal plasma contains a low-molecular-weight factor that inhibits RNA synthesis. Lugaro G, et al. **Arch Androl** 1984;13(2-3):261-7

Alteration in RNA synthesis in the dorsal root ganglia of methylmercury-treated rats. Nagumo S, et al. **Arch Toxicol** 1985 Feb;56(4):236-41

Expression of long terminal repeat (LTR) sequences in carcinogen-induced murine skin carcinomas. Housey GM, et al. **Biochem Biophys Res Commun** 1985 Feb 28; 127(1):391-8

Biosynthesis and cytoplasmic distribution of small poly(A)-containing B2 RNA. Kramerov DA, et al. **Biochim Biophys Acta** 1985 Feb 20;824(2):85-98

Verification of a new model of the time course of RNA synthesis. Measurement of the rates of initiation and elongation. McWilliam P, et al. **Biochim Biophys Acta** 1985 Feb 20;824(2):121-7

RNA synthesis in male pronuclei of the sea urchin. Poccia D, et al. **Biochim Biophys Acta** 1985 Apr 19;824(4):349-56

Differential inhibition of DNA and RNA biosynthesis in HeLa S3 cells by tetaine, a dipeptide antibiotic. Woynarowska B, et al. **Biochim Biophys Acta** 1985 Jun 24;825(2):199-206

Action of polyamines on ribonucleic acid and protein synthesis during ontogeny of human fetal liver. Choudhury I, et al. **Biol Neonate** 1984;46(5):209-14

Effects of dimethylnitrosamine on RNA synthesis and metabolism in mouse liver. Garyfallides S, et al. **Cancer Res** 1984 Nov;44(11):5110-7

Hyperthermia and human leukocyte functions: DNA, RNA, and total protein synthesis after exposure to less than 41 degrees or greater than 42.5 degrees hyperthermia. Roberts NJ Jr, et al. **Cancer Res** 1985 Jul;45(7):3076-82

Reduction in RNA synthesis following red cell-mediated microinjection of antibodies to RNA polymerase I. Schlegel RA, et al. **Cell Biol Int Rep** 1985 Apr;9(4):341-50

Utilization of labelled uridine, cytidine and orotic acid for determination of ribonucleic acid synthesis in mouse liver. Lewan L, et al. **Comp Biochem Physiol [B]** 1985; 81(2):499-502

In vitro synthesis of full-length influenza virus complementary RNA. del Río L, et al. **EMBO J** 1985 Jan; 4(1):243-7

Evidence for the macromolecular basis of regulation of heart hypertrophy. Jackowski G, et al. **Eur Heart J** 1984 Dec; 5 Suppl F:219-24

The effect of haemin on RNA synthesis and stability in differentiating rabbit erythroblasts. Bonanou-Tzedaki SA, et al. **Eur J Biochem** 1984 Nov 2;144(3):589-96

Characterization of transcriptionally active DNA-protein complexes from chloroplasts and etioplasts of mustard (Sinapis alba L.). Reiss T, et al. **Eur J Biochem** 1985 Apr 15;148(2):207-12

Response of glioma cells to interferon-gamma: increase in class II RNA, protein and mixed lymphocyte reaction-stimulating ability. Takiguchi M, et al. **Eur J Immunol** 1985 Aug;15(8):809-14

Centrophenoxine increases the rates of total and mRNA synthesis in the brain cortex of old rats: an explanation of its action in terms of the membrane hypothesis of aging. Zs-Nagy I, et al. **Exp Gerontol** 1984;19(3):171-8

Alterations of [3H]actinomycin D binding to axotomized dorsal root ganglion cell nuclei: an autoradiographic method to detect changes in chromatin structure and RNA synthesis. Wells MR. **Exp Neurol** 1984 Nov;86(2):303-12

Serum-induced stimulation of snRNA synthesis in mouse 3T3 fibroblasts. Tiercy JM, et al. **Experientia** 1985 Jan 15; 41(1):82-4

Effect of estrogens on RNA synthesis in the epithelium of the small intestine of castrated mice. Konecki J, et al. **Ginekol Pol** 1984 May;55(5):307-12

Effect of maternal starvation on fetal tissue nucleic acid, plasma amino acid and growth hormone concentration in sheep. Schaefer AL, et al. **Growth** 1984 Winter;48(4):404-14

Prolactin-like actions of phospholipase C on RNA and casein synthesis in mouse mammary gland explants. Rillema JA. **Horm Metab Res** 1984 Oct;16(10):532-4

Impaired insulin-induced RNA synthesis secondary to a genetically defective insulin receptor. Rüdiger HW, et al. **Hum Genet** 1985;69(1):76-8

A decrease of RNA synthesis during macrophage activation with lipopolysaccharide--an association with novel regulating factors. Okai Y. **Immunol Lett** 1984;8(5):261-5

Metabolism of uridine and determination of liver ribonucleic acid synthesis in developing and adult mice. Engelbrecht C, et al. **Int J Biochem** 1985;17(4):495-501

The enzymatic conversion of 3'-phosphate terminated RNA chains to 2',3'-cyclic phosphate derivatives. Reinberg D, et al. **J Biol Chem** 1985 May 25;260(10):6088-97

DNA primase-DNA polymerase alpha from simian cells. Modulation of RNA primer synthesis by ribonucleoside triphosphates. Yamaguchi M, et al. **J Biol Chem** 1985 May 25;260(10):6254-63

14th annual UCLA symposium. Abstracts: Sequence specificity in transcription and translation. **J Cell Biochem [Suppl]** 1985;9B:147-251

14th annual UCLA symposia. March 9-April 4, 1985. Abstracts. **J Cell Biochem [Suppl]** 1985;9B:1-278

Bacterial lipopolysaccharide induction of ornithine decarboxylase in the macrophage-like cell line RAW264: requirement of an inducible soluble factor. Taffet SM, et al. **J Cell Physiol** 1985 Feb;122(2):215-20

Stimulating actions on ribonucleic acid biosynthesis of aconitines, diterpenic alkaloids of Aconitum roots. Murayama M, et al. **J Ethnopharmacol** 1984 Oct;12(1):25-33

On the use of alpha-amanitin as a transcriptional blocking agent in mouse embryos: a cautionary note. Kidder GM, et al. **J Exp Zool** 1985 Jan;233(1):155-9

The inhibition of HeLa cell RNA synthesis following infection with vaccinia virus. Pedley S, et al. **J Gen Virol** 1984 Oct;65 (Pt 10):1687-97

Ribonucleoprotein organization of eukaryotic RNA. XXXII. U2 small nuclear RNA precursors and their accurate 3' processing in vitro as ribonucleoprotein particles. Wieben ED, et al. **J Mol Biol** 1985 May 5;183(1):69-78

Macromolecular synthesis in Leishmania donovani amastigotes. Mukkada AJ. **J Parasitol** 1985 Jun;71(3):365-6

The effect of epinephrine and serotonin on hepatic poly(A)+ RNA synthesis. Roy AK, et al. **Life Sci** 1985 Jun 17; 36(24):2301-7

Effects of K+-deficiency and serum supplementation on protein turnover and nucleic acid synthesis in HeLa cells. Sakai T, et al. **Life Sci** 1985 Jan 14;36(2):169-76

Synthesis of U1 RNA in isolated nuclei from sea urchin embryos: U1 RNA is initiated at the first nucleotide of the RNA. Morris GF, et al. **Mol Cell Biol** 1985 May; 5(5):1143-50

Comparison of the cellular and RNA-dependent effects of sangivamycin and toyocamycin in human colon carcinoma cells. Cohen MB, et al. **Mol Pharmacol** 1985 Mar; 27(3):349-55

Assay and time course of 5-fluorouracil incorporation into RNA of L1210/0 ascites cells in vivo. Spears CP, et al. **Mol Pharmacol** 1985 Feb;27(2):302-7

Autoradiographic detection of HPRT variants of human lymphocytes resistant to RNA synthesis inhibition. Jones IM, et al. **Mutat Res** 1985 Mar;149(1):132-40

Effects of N4-methyl and N4,N4-dimethyl derivatives of 5-azacytidine on liver RNA synthesis and gastric secretion in rats. Cihák A, et al. **Neoplasma** 1985;32(3):293-8

Nucleic acid and protein synthesis inhibition in developing brain by ethanol in the absence of hypothermia. Rawat AK. **Neurobehav Toxicol Teratol** 1985 Mar-Apr;7(2):161-6

Inhibition of RNA and protein synthesis in isolated cerebellar cells by in vitro and in vivo methyl mercury. Sarafian T, et al. **Neurochem Pathol** 1985 Spring;3(1):27-39

RNA synthesis in neuronal and glial cell nuclei from rat cerebral hemispheres during early postnatal development. Serra I, et al. **Neurochem Res** 1984 Aug;9(8):1051-63

Recent studies on inhibitors of macromolecular synthesis and function in trypanosomes. Meshnick SR. **Pharmacol Ther** 1984;25(2):239-54 (97 ref.)

Effects of cannabinoids on macromolecular synthesis in isolated spermatogenic cells. Tilak SK, et al. **Pharmacology** 1984;29(6):343-50

Effects of adriamycin on the macromolecular synthesis in rat myocardiocytes and KB cells. Okano C, et al. **Res Commun Chem Pathol Pharmacol** 1984 Aug; 45(2):279-88

Three different classes of oral antidiabetic drugs do not increase insulin binding and insulin-induced RNA synthesis in human fibroblast cultures. Frorath B, et al. **Res Exp Med (Berl)** 1985;185(1):45-9

Differential control of U1 small nuclear RNA expression during mouse development. Lund E, et al. **Science** 1985 Sep 20;229(4719):1271-4

Control of nucleic acid and protein synthesis in developing brain, kidney, and heart of the neonatal rat: effects of alpha-difluoromethylornithine, a specific, irreversible inhibitor of ornithine decarboxylase. Slotkin TA, et al. **Teratology** 1984 Oct;30(2):211-24

Effects of sodium selenite and selenate on DNA and RNA synthesis in vitro. Frenkel GD. **Toxicol Lett** 1985 May; 25(2):219-23

Inhibition of DNA and RNA synthesis in rat liver nuclei by oncogenic and non-oncogenic beta-blockers. Riboni L, et al. **Toxicol Pathol** 1985;13(1):18-25

[Recombinant RNA technology] Liu PN. **Sheng Li Ko Hsueh Chin Chan** 1985 Jan;16(1):61-4 (6 ref.) **(Chi)**

[Initiation of RNA synthesis in isolated rat liver nuclei] Glebov AV, et al. **Biokhimiia** 1985 Feb;50(2):196-9 (Eng. Abstr.) **(Rus)**

[Synthesis of nucleic RNA in hydroxythiamine-induced vitamin B1 deficiency] Khokha AM, et al. **Biokhimiia** 1984 Jul;49(7):1166-70 (Eng. Abstr.) **(Rus)**

[Effect of neuromediating and neuroblockading hormones on the RNA synthesis in the rat liver nucleus] Tiulenev VI, et al. **Biokhimiia** 1984 Aug;49(8):1320-6 (Eng. Abstr.) **(Rus)**

[Effect of rearing conditions on nucleic acid synthesis in the brain of rats of different genotypes] Vitvitskaia LV, et al. **Biol Nauki** 1984;(8):26-31 (Eng. Abstr.) **(Rus)**

[Protein, RNA and DNA synthesis in skin fibroblast cultures from healthy donors and patients with rheumatic diseases] Abakumova OIu, et al. **Biull Eksp Biol Med** 1985 Feb; 99(2):156-8 (Eng. Abstr.) **(Rus)**

[Activation of cell division and nucleic acid synthesis in the corneal epithelium of white rats undergoing repeated exposure to stress] Berezhnova NI, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):727-8 (Eng. Abstr.) **(Rus)**

[RNA synthesis in the polymorphonuclear leukocytes of a suppurative wound] Sarkisov LS, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):499-502 (Eng. Abstr.) **(Rus)**

[Biosynthesis of small cytoplasmic poly(A)tRNA homologous to the repeated B2 sequence of the mouse genome is realized by RNA polymerase III] Lekakh IV, et al. **Dokl Akad Nauk SSSR** 1984;277(4):1006-8 **(Rus)**

[Effect of denervation on the membrane potential and RNA and protein synthesis in the skeletal muscle fibers of animals of various ages] Iasechko AV. **Fiziol Zh** 1984 Nov-Dec; 30(6):721-3 **(Rus)**

[Analogs of natural nucleosides and their 5'-triphosphates carrying the amino group in 3'-position--highly effective inhibitors of replication, repair and transcription] Kraevskii AA, et al. **Mol Biol (Mosk)** 1985 Jan-Feb;19(1):173-6 (Eng. Abstr.) **(Rus)**

[Regeneration of nucleic acid metabolism in rat bone marrow and spleen at prolonged intervals after lengthy fractionated irradiation] Kisel'gof EI, et al. **Radiobiologiia** 1984 Nov-Dec;24(6):817-20 (Eng. Abstr.) **(Rus)**

[Nucleic acid metabolism in rat hematopoietic tissues during and after prolonged administration of different doses of tritium oxide] Mushkacheva GS, et al. **Radiobiologiia** 1984 Nov-Dec;24(6):764-9 (Eng. Abstr.) **(Rus)**

[Dynamics of energy requirements, detoxication and biosynthesis of hepatocyte macromolecules in acute radiation injury] Sharygin VL, et al. **Radiobiologiia** 1985 Jul-Aug;25(4):462-8 (Eng. Abstr.) **(Rus)**

[Biosynthesis of DNA and RNA in cultured cutaneous fibroblasts of patients with tubulopathies] Sivanova LA, et al. **Urol Nefrol (Mosk)** 1984 Nov-Dec;(6):64-8 (Eng. Abstr.) **(Rus)**

[Transcriptional complex of hepatocytes during cholinergic stimulation] Dolgo-Saburov VB, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):83-7 (Eng. Abstr.) **(Rus)**

[Biosynthesis of nucleic acids and proteins in different time periods of development in experimental myocarditis] Paskevich IF, et al. **Vopr Med Khim** 1985 Jan-Feb; 31(1):93-6 (Eng. Abstr.) **(Rus)**

[Biosynthesis of DNA and RNA in the liver under conditions of deficient nutrition and exposure to N-nitrosopiperidine] Sharmanov TSh, et al. **Vopr Med Khim** 1984 Jul-Aug; 30(4):42-6 (Eng. Abstr.) **(Rus)**

[Characteristics of the DNA-RNA-protein-synthesizing apparatus of cerebral cortex neurons as a result of prenatal exposure to alcohol] Kolomeets NS, et al. **Zh Nevropatol Psikhiatr** 1985;85(7):996-1000 (Eng. Abstr.) **(Rus)**

BLOOD

[Combination staining for nucleic acids in lymphocytes] Suponitskiĭ VIa. **Lab Delo** 1985;(1):59 **(Rus)**

[Poly(A) RNA distribution and the polysome-monosome ratio in the lymphocytes of healthy persons and chronic lympholeukemia patients] Morozova EO, et al. **Tsitologiia** 1984 Dec;26(12):1384-90 (Eng. Abstr.) **(Rus)**

GENETICS

Pseudouridylic modification of a 6S RNA transcribed in vitro from highly repetitive and transcribable (Hirt) sequences of salmon total DNA. Matsumoto K, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):514-22

U4 small nuclear RNA pseudogenes from rat genome have common truncated 3'-ends. Saba JA, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):828-34

Active RNA: RNA enzymes in RNA splicing and processing. Davies RW. **Biosci Rep** 1984 Sep;4(9):707-27 (66 ref.)

Increased expression of a novel c-abl-related RNA in K562 cells. Leibowitz D, et al. **Blood** 1985 Mar;65(3):526-9

Human leukemic K562 cells: differential effects of 5-azacytidine on DNA methylation of epsilon-, gamma-globin and 7SL RNA genes. del Senno L, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31;60(8):1613-9

Hybridization of poly(A)+RNA from salivary glands of Rhynchosciara americana to restriction DNA fragments and polytene chromosomes. Zaha A, et al. **Braz J Med Biol Res** 1984;17(3-4):257-64

Differential expression of multiple U1 small nuclear RNAs in oocytes and embryos of Xenopus laevis. Forbes DJ, et al. **Cell** 1984 Oct;38(3):681-9

Xenopus 5S gene transcription factor, TFIIIA: characterization of a cDNA clone and measurement of RNA levels throughout development. Ginsberg AM, et al. **Cell** 1984 Dec;39(3 Pt 2):479-89

Stable reduction of thymidine kinase activity in cells expressing high levels of anti-sense RNA. Kim SK, et al. **Cell** 1985 Aug;42(1):129-38

Nuclear segregation of U2 snRNA requires binding of specific snRNP proteins. Mattaj IW, et al. **Cell** 1985 Jan; 40(1):111-8

Self-splicing of yeast mitochondrial ribosomal and messenger RNA precursors. van der Horst G, et al. **Cell** 1985 Apr; 40(4):759-66

The poly(A)(+)RNA sequence complexity is also represented in poly(A)(-)RNA in sea-urchin embryos. Duncan R, et al. **Differentiation** 1984;28(1):24-9

Characterization of three chicken pseudogenes for U1 RNA. Kristo P, et al. **DNA** 1984 Aug;3(4):281-6

Interaction of small nuclear ribonucleoproteins with simian virus 40 in CV-1 cells: is U2 snRNA involved in regulating replication? Savouret JF, et al. **DNA** 1984 Oct;3(5):365-76

Chemical footprinting of 5S RNA chromatin in embryos of Drosophila melanogaster. Cartwright IL, et al. **EMBO J** 1984 Dec 20;3(13):3101-8

Low molecular weight RNAs with homologies to cellular DNA at sites of adenovirus DNA insertion in hamster or mouse cells. Gahlmann R, et al. **EMBO J** 1984 Dec 20; 3(13):3263-9

The conserved CAAGAAAGA spacer sequence is an essential element for the formation of 3' termini of the sea urchin H3 histone mRNA by RNA processing. Georgiev O, et al. **EMBO J** 1985 Feb;4(2):481-9

Formation of the 3' end of U1 snRNA is directed by a conserved sequence located downstream of the coding region. Hernandez N. **EMBO J** 1985 Jul;4(7):1827-37

Nuclease S1-sensitive sites in multigene families: human U2 small nuclear RNA genes. Htun H, et al. **EMBO J** 1985 Jul;4(7):1839-45

The cDNA sequences of the sea urchin U7 small nuclear RNA suggest specific contacts between histone mRNA precursor and U7 RNA during RNA processing. Strub K, et al. **EMBO J** 1984 Dec 1;3(12):2801-7

Adenovirus VA RNAI mediates a translational stimulation which is not restricted to the viral mRNAs. Svensson C, et al. **EMBO J** 1985 Apr;4(4):957-64

Human genes and pseudogenes for the 7SL RNA component of signal recognition particle. Ullu E, et al. **EMBO J** 1984 Dec 20;3(13):3303-10

RNAs containing B2 repeated sequences are transcribed in the early stages of mouse embryogenesis. Vasseur M, et al. **EMBO J** 1985 Jul;4(7):1749-53

Human U2 and U1 RNA genes use similar transcription signals. Westin G, et al. **EMBO J** 1984 Dec 20; 3(13):3295-301

Preliminary characterization of molecules that increase cell free translational activity of cardiac cytoplasmic RNA. Hammond GL, et al. **Eur Heart J** 1984 Dec;5 Suppl F:225-9

The gene cluster for human U2 RNA is located on chromosome 17q21. Hammarström K, et al. **Exp Cell Res** 1985 Aug;159(2):473-8

Ploidy class-dependent variations during 24 h of glucose-6-phosphate and succinate dehydrogenase activity and single-stranded RNA content in isolated rat hepatocytes. Van Noorden CJ, et al. **Exp Cell Res** 1984 Dec;155(2):381-8

Cloning specific complete polyadenylylated 3'-terminal cDNA segments. Lang KM, et al. **Gene** 1985;33(2):191-6

The intragenic control region of the Xenopus 5 S RNA gene contains two factor A binding domains that must be aligned properly for efficient transcription initiation. Bogenhagen DF. **J Biol Chem** 1985 May 25;260(10):6466-71

Structure of a precursor to the yeast mitochondrial tRNAMetf. Implications for the function of the tRNA synthesis locus. Martin NC, et al. **J Biol Chem** 1985 Feb 10;260(3):1479-83

Isolation and characterization of three rat U3 RNA pseudogenes colinear with U3 RNA. Reddy R, et al. **J Biol Chem** 1985 May 10;260(9):5715-9

Primary and secondary structure of U8 small nuclear RNA. Reddy R, et al. **J Biol Chem** 1985 Sep 15;260(20):10930-5

A new moderately repetitive rat DNA sequence detected by a cloned 4.5 SI DNA. Saba JA, et al. **J Biol Chem** 1985 Feb 10;260(3):1354-7

Characterization of factors and DNA sequences required for accurate transcription of the Saccharomyces cerevisiae 5 S RNA gene. Taylor MJ, et al. **J Biol Chem** 1985 Apr 10;260(7):4531-40

Transcription of similar sets of rare maternal RNAs and rare nuclear RNAs in sea urchin blastulae and adult coelomocytes. Kleene KC, et al. **J Embryol Exp Morphol** 1985 Feb;85:131-49

Drosophila melanogaster U1 snRNA genes. Alonso A, et al. **J Mol Biol** 1984 Dec 25;180(4):825-36

Genes and pseudogenes for human U2 RNA. Implications for the mechanism of pseudogene formation. Hammarström K, et al. **J Mol Biol** 1984 Oct 25;179(2):157-69

Co-ordinate control of gene expression. Muscle-specific 7 S RNA contains sequences homologous to 3'-untranslated regions of myosin genes and repetitive DNA. Khandekar P, et al. **J Mol Biol** 1984 Dec 15;180(3):417-35

Evidence that discontinuous DNA replication in Escherichia coli is primed by approximately 10 to 12 residues of RNA starting with a purine. Kitani T, et al. **J Mol Biol** 1985 Jul 5;184(1):45-52

Genes and pseudogenes for rat U3A and U3B small nuclear RNA. Stroke IL, et al. **J Mol Biol** 1985 Jul 20;184(2):183-93

Orientation-dependent transcriptional activator upstream of a human U2 snRNA gene. Ares M Jr, et al. **Mol Cell Biol** 1985 Jul;5(7):1560-70

Nonrandom integration of human U4 RNA pseudogenes. Bark C, et al. **Mol Cell Biol** 1985 May;5(5):943-8

Tubulin proteins and RNA during the myxamoeba-flagellate transformation of Physarum polycephalum. Green LL, et al. **Mol Cell Biol** 1984 Sep;4(9):1706-11

The two embryonic U1 small nuclear RNAs of Xenopus laevis are encoded by a major family of tandemly repeated genes. Lund E, et al. **Mol Cell Biol** 1984 Dec;4(12):2580-6

Family of developmentally regulated, maternally expressed Drosophila RNA species detected by a v-myc probe. Madhavan K, et al. **Mol Cell Biol** 1985 Jan;5(1):7-16

Expression of a human U1 RNA gene introduced into mouse cells via bovine papillomavirus DNA vectors. Schenborn ET, et al. **Mol Cell Biol** 1985 Jun;5(6):1318-26

Transcription, processing and nuclear transport of a B1 Alu RNA species complementary to an intron of the murine alpha-fetoprotein gene. Adeniyi-Jones S, et al. **Nature** 1985 Sep 5-11;317(6032):81-4

On the origin of the Alu family of repeated sequences [news] Brown AL. **Nature** 1984 Nov 8-14;312(5990):106

A novel immune system against bacteriophage infection using complementary RNA (micRNA). Coleman J, et al. **Nature** 1985 Jun 13-19;315(6020):601-3

Human genes for U2 small nuclear RNA map to a major adenovirus 12 modification site on chromosome 17. Lindgren V, et al. **Nature** 1985 Mar 7-13;314(6006):115-6

An enhancer-like sequence within the Xenopus U2 gene promoter facilitates the formation of stable transcription complexes. Mattaj IW, et al. **Nature** 1985 Jul 11-17; 316(6024):163-7

Regulation of a protein synthesis initiation factor by adenovirus virus-associated RNA. Reichel PA, et al. **Nature** 1985 Jan 17-23;313(5999):196-200

Expression of enhanced levels of small RNA polymerase III transcripts encoded by the B2 repeats in simian virus 40-transformed mouse cells. Singh K, et al. **Nature** 1985 Apr 11-17;314(6011):553-6

Regulation by anti-sense RNA [news] Travers A. **Nature** 1984 Oct 4-10;311(5985):410

Alu sequences are processed 7SL RNA genes. Ullu E, et al. **Nature** 1984 Nov 8-14;312(5990):171-2

Divergence of U2 snRNA sequences in the genome of D. melanogaster. Alonso A, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9543-50

Structure of the sea urchin U1 RNA repeat. Brown DT, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):537-56

Separation of complementary strands of plasmid DNA using the biotin-avidin system and its application to heteroduplex formation and RNA/DNA hybridizations in electron microscopy. Delius H, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5457-69

Three linked chicken U1 RNA genes have limited flanking

DNA sequence homologies that reveal potential regulatory signals. Earley JM 3d, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7411-21

A transfer RNAArg gene of Pelargonium chloroplasts, but not a 5S RNA gene, is efficiently transcribed after injection into Xenopus oocyte nuclei. Hellmund D, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8253-68

A complete and a truncated U1 snRNA gene of Drosophila melanogaster are found as inverted repeats at region 82E of the polytene chromosomes. Kejzlarová-Lepesant J, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):8835-46

Conserved 5' flank homologies in dipteran 5S RNA genes that would function on 'A' form DNA. Rubacha A, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8193-207

Further characterization of the extremely small mitochondrial ribosomal RNAs from trypanosomes: a detailed comparison of the 9S and 12S RNAs from Crithidia fasciculata and Trypanosoma brucei with rRNAs from other organisms. Sloof P, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):4171-90

U2 region of Epstein-Barr virus DNA may encode Epstein-Barr nuclear antigen 2. Dambaugh T, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7632-6

Opposite-strand RNAs from the 5' flanking region of the mouse dihydrofolate reductase gene. Farnham PJ, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):3978-82

Human U1 RNA genes contain an unusually sensitive nuclease S1 cleavage site within the conserved 3' flanking region. Htun H, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7288-92

Transient complementation of xeroderma pigmentosum cells by microinjection of poly(A)+ RNA. Legerski RJ, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5676-9

U1 RNA-protein complex preferentially binds to both 5' and 3' splice junction sequences in RNA or single-stranded DNA. Tatei K, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6281-5

Translational control involving a novel cytoplasmic RNA and ribonucleoprotein. Sarkar S. **Prog Nucleic Acid Res Mol Biol** 1984;31:267-93 (76 ref.)

U1 small nuclear RNA genes are subject to dosage compensation in mouse cells. Mangin M, et al. **Science** 1985 Jul 19;229(4710):272-5

The requirement of protein synthesis for VSV inhibition of host cell RNA synthesis. Poirot MK, et al. **Virology** 1985 Jan 15;140(1):91-101

[Regulation of gene expression by a small RNA transcript (micRNA)] Mizuno T. **Tanpakushitsu Kakusan Koso** 1984 Nov;29(11):908-13 (22 ref.) **(Jpn)**

[Genes of small nuclear RNA] Jaruzelska J, et al. **Postepy Biochem** 1984;30(1-2):53-69 (77 ref.) **(Pol)**

[Detection of intermediates of RNA reverse transcription for mobile dispersed MDG 1 and MDG 3 genes in Drosophila cells] Il'in IuV, et al. **Mol Biol (Mosk)** 1985 Jan-Feb;19(1):162-72 (Eng. Abstr.) **(Rus)**

[Small cytoplasmic poly(A)+RNA, homologous to the B2 repetitive sequence of the mouse genome, is present in ribonucleoproteins] Tillib SV, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1639-50 (Eng. Abstr.) **(Rus)**

[Separation of rat thymocyte populations in a ficoll-paque gradient. IV. The genetic complexity of the cellular RNA of thymocyte subfractions] Evtushenko VI, et al. **Tsitologiia** 1984 Jun;26(6):719-23 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Spontaneous in vitro production of anti-DNA and anti-RNA by systemic lupus erythematosus and normal peripheral blood mononuclear cells. Liebling MR, et al. **Arthritis Rheum** 1985 Apr;28(4):431-40

Autoantibodies to ribonucleoprotein particles containing U2 small nuclear RNA. Habets W, et al. **EMBO J** 1985 Jun;4(6):1545-50

Specificity & cross reactivity of anti-RNA antibodies reactive with mammalian RNA in systemic lupus erythematosus. Kumar A, et al. **Indian J Med Res** 1985 Apr;81:395-401

Sensitivity of assay techniques for the detection of low avidity anti-RNA antibodies in rheumatic diseases. Kumar A, et al. **Indian J Med Res** 1984 Sep;80:327-31

Inhibition of human serum RNase activity by aurine tricarboxylic acid polymer: effect on the antigen-antibody reaction. Kumar A, et al. **J Appl Biochem** 1984 Feb-Apr;6(1-2):76-9

A murine monoclonal antibody recognizes the 13,000 molecular weight polypeptide of the Sm small nuclear ribonucleoprotein complex. Billings PB, et al. **J Immunol** 1985 Jul;135(1):428-32

Nucleoprotein autoantibodies in lupus erythematosus. Provost TT, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):133s-139s

Splicing of Xenopus laevis ribosomal protein RNAs is inhibited in vivo by antisera to ribonucleoproteins containing U1 small nuclear RNA. Bozzoni I, et al. **J Mol Biol** 1984 Dec 25;180(4):1173-8

Cellular protein and RNA antigens in autoimmune disease. Bernstein RM, et al. **Mol Biol Med** 1984 Apr;2(2):105-20

Role of RNA in the induction of Thy-1+ phenotype on prothymocytes. Zemmour J, et al. **Thymus** 1984;6(5):335-45

[Appearance of new transplantation antigens in tumor cells treated with RNA] Nikolin VP, et al. **Eksp Onkol** 1984;6(1):42-7 (Eng. Abstr.) **(Rus)**

[Effect of exogenous RNA preparations on the antitumor activity of the splenocytes in C3HA mice] Aksenova NN, et al. **Tsitologiia** 1984 Jun;26(6):729-34 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Isolation of poly(A)+ RNA by paper affinity chromatography. Werner D, et al. **Anal Biochem** 1984 Sep;141(2):329-36

Isolation and characterization of rat intestinal polyribosomes and RNA during absorption of fat. Increased translation in vitro of apo-AIV. Pessah M, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):373-81

Identification and characterization of a polyadenylated small RNA (s-poly A+ RNA) in dinoflagellates. Reddy R, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):552-7

Synthesis of active firefly luciferase by in vitro translation of RNA obtained from adult lanterns. Wood KV, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):592-6

Isolation and partial characterization of U1-U6 small RNAs from Bombyx mori. Adams DS, et al. **Biochemistry** 1985 Jan 1;24(1):117-25

Yeast mitochondria contain a linear RNA strand complementary to the circular intronic bI1 RNA of cytochrome b. Halbreich A, et al. **Eur J Biochem** 1984 Oct 15;144(2):261-9

Isolation and characterization of nuclear particles containing rapidly labelled hnRNA and snRNA in combination with a distinct set of polypeptides of Mr 74000 and 72000. Hatzoglou M, et al. **Exp Cell Res** 1985 Mar;157(1):227-41

Effect of flow rate on the isolation of polyadenylated RNA on oligo(dT)-cellulose columns. Nadin-Davis S, et al. **J Biochem Biophys Methods** 1985 Aug;11(2-3):185-9

New U1 RNA species found in Friend SFFV (spleen focus forming virus)-transformed mouse cells. Kato N, et al. **J Biol Chem** 1985 Jun 25;260(12):7775-82

Separation of macromolecular RNAs by reversed-phase high-performance liquid chromatography. Garcia S, et al. **J Chromatogr** 1984 Jul 27;296:355-62

Purification of functional RNA from human granulocytes. Yang A, et al. **J Lab Clin Med** 1985 Jan;105(1):94-8

Small nuclear RNAs in the ciliate Tetrahymena. Pedersen N, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):4203-24

METABOLISM

Influence of actinomycin-D on the diurnal rhythm of cytoplasmic RNA in the neurocytes of selected nuclei of mouse hypothalamus. Lach H, et al. **Acta Biol Hung** 1984;35(1):3-9

Influence of dehydration on cytoplasmic RNA in the neurocytes of the preoptic nucleus of Rana temporaria L. in the annual cycle. Lach H, et al. **Acta Morphol Hung** 1984;32(2):105-11

Proliferative and stimulatory effects of PGA2 on nucleic acids in the adrenal and kidney of squirrel, Funambulus pennanti. Rana SV, et al. **Acta Morphol Neerl Scand** 1984 Dec;22(4):307-12

The effect of prostacyclin on gastric mucosal protein, DNA and RNA content, with special reference to different ulcer models. Bálint GA, et al. **Acta Physiol Hung** 1984;64(3-4):275-8

Developmental pattern of the hepatic DNA, RNA and protein in relation to maternal vitamin A status in rats. Sharma HS, et al. **Acta Vitaminol Enzymol** 1985;7(1-2):85-91

Energy dependence of RNA degradation in rabbit reticulocytes. Park EA, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C390-5

Effects of beta-lapachone, a peroxide-generating quinone, on macromolecule synthesis and degradation in Trypanosoma cruzi. Goijman SG, et al. **Arch Biochem Biophys** 1985 Jul;240(1):273-80

Age-associated changes in nucleic acid content in Zaprionus paravittiger. Wadhwa R, et al. **Arch Gerontol Geriatr** 1985 Jul;4(2):157-62

Inhibition of RNA nucleo-cytoplasmic translocation by anti-nucleus antibody. Sugawa H, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):864-70

In vitro translation of polyadenylated RNA isolated from control and interferon-treated human promyelocytic HL-60 leukemic cells. Borelli TJ, et al. **Biochem Int** 1985 Mar;10(3):517-24

Effect of actinomycin-D on the fat body RNA content in Dysdercus koenigii (Heteroptera: Pyrrhocoridae). Vimala Devi PS, et al. **Biochem Int** 1985 May;10(5):787-93

Heating RNA before cell-free translation is essential for the efficient and reproducible synthesis of several peroxisomal proteins. Mortensen RM, et al. **Biochem J** 1984 Oct 15;223(2):547-50

The mechanism of pyrophosphorolysis of RNA by RNA polymerase. Endowment of RNA polymerase with artificial exonuclease activity. Rozovskaya TA, et al. **Biochem J** 1984 Dec 1;224(2):645-50

Effects of nitroheterocyclic drugs on macromolecule synthesis and degradation in Trypanosoma cruzi. Goijman SG, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1331-6

5S RNA structure and interaction with transcription factor A. 2. Ribonuclease probe of the 7S particle from Xenopus laevis immature oocytes and RNA exchange properties of the 7S particle. Andersen J, et al. **Biochemistry** 1984 Nov 20;23(24):5759-66

5S RNA structure and interaction with transcription factor A. 1. Ribonuclease probe of the structure of 5S RNA from Xenopus laevis oocytes. Andersen J, et al. **Biochemistry** 1984 Nov 20;23(24):5752-9

Multiple states of U3 RNA in Novikoff hepatoma nucleoli. Epstein P, et al. **Biochemistry** 1984 Nov 6;23(23):5421-5

Distribution of U3 snRNA in the nucleolus of CHO cells. Lacoste-Royal G, et al. **Biol Cell** 1984;52(2):191-4

Effect of glutathione depletion on the hepatotoxicity and covalent binding rat liver macromolecules of N-hydroxy-2-acetylaminofluorene. Meerman JH, et al. **Cancer Res** 1985 Mar;45(3):1132-9

The role of RNA priming in viral and trypanosomal mRNA synthesis. Krug RM. **Cell** 1985 Jul;41(3):651-2 (16 ref.)

Accurate cleavage and polyadenylation of exogenous RNA substrate. Moore CL, et al. **Cell** 1985 Jul;41(3):845-55

Sequences required for 3' end formation of human U2 small nuclear RNA. Yuo CY, et al. **Cell** 1985 Aug;42(1):193-202

Effect of gossypol on macromolecular synthesis in rat testis. An in vitro study. Kainz P, et al. **Contraception** 1985 Feb;31(2):151-8

Repetitive sequence transcripts and U1 RNA in mouse oocytes and eggs. Kaplan G, et al. **Dev Biol** 1985 May;109(1):15-24

Sequence complexity and diversity of polyadenylated RNA molecules transcribed in human myeloid cells. Leukemic myeloblasts and HL60 promyelocytes uninduced and induced to terminal differentiation with retinoic acid. Torelli G, et al. **Differentiation** 1984;27(2):133-40

Gene expression in cardiac hypertrophy in rat and human heart muscle. Zähringer J, et al. **Eur Heart J** 1984 Dec;5 Suppl F:199-210

Dynamic aspects of cytoplasmic poly(A)+ RNA of Tetrahymena pyriformis. De Carvalho EF, et al. **Exp Cell Res** 1985 Apr;157(2):429-40

A study of mitochondrial and nuclear transcription with cloned cDNA probes. Changes in the relative abundance of mitochondrial transcripts after stimulation of quiescent mouse fibroblasts. Edwards DR, et al. **Exp Cell Res** 1985 Mar;157(1):127-43

Poly(A)+ RNA metabolism during change of physiological state of Tetrahymena pyriformis cells. Soares MC, et al. **Exp Cell Res** 1984 Oct;154(2):591-9

Nucleic acids, glycogen deposition and adrenal gland steroidogenesis in rats with a pituitary mammotropic tumor (MtTF4). Klepac R. **Exp Clin Endocrinol** 1984 Jul;84(1):117-25

Changes in nucleic acid content in aging Drosophila bipectinata. Wadhwa R, et al. **Exp Gerontol** 1984;19(3):199-203

Caenorhabditis elegans: purification of isocitrate lyase and the isolation and cell-free translation of poly(A+)RNA. Jameel S, et al. **Exp Parasitol** 1985 Jun;59(3):337-46

Association of the glucocorticoid hormone receptor with ribonucleic acid. Economidis IV, et al. **FEBS Lett** 1985 Feb 11;181(1):47-52

Major transcripts containing B1 and B2 repetitive sequences in cytoplasmic poly(A)+RNA from mouse tissues. Ryskov AP, et al. **FEBS Lett** 1985 Mar 11;182(1):73-6

Eukaryotic elongation factor 2 loses its non-specific affinity for RNA and leaves polyribosomes as a result of ADP-ribosylation. Sitikov AS, et al. **FEBS Lett** 1984 Oct 29;176(2):406-10

A longitudinal study of cyclic nucleotide phosphodiesterase activity and its relationship with nucleic acid content in the myometrium of cynomolgus monkeys (Macaca fascicularis) between days 39 and 162 of gestation. Ferre F, et al. **Gynecol Obstet Invest** 1985;19(1):42-52

'In vitro' effects of bovine growth hormone on RNA labelling in brain and liver slices of neonatal hypothyroid rats. Krawiec L, et al. **Horm Metab Res** 1985 Apr;17(4):218-9

Metabolism of uridine and determination of liver ribonucleic acid synthesis in developing and adult mice. Engelbrecht C, et al. **Int J Biochem** 1985;17(4):495-501

Coordinate induction of alcohol dehydrogenase 1, aldolase, and other anaerobic RNAs in maize. Hake S, et al. **J Biol Chem** 1985 Apr 25;260(8):5050-4

A site in a tRNA precursor that can be processed by the whole RNase P enzyme but not by the RNA alone. Subbarao MN, et al. **J Biol Chem** 1984 Dec 10;259(23):14339-42

Normal and perturbed Chinese hamster ovary cells: correlation of DNA, RNA, and protein content by flow cytometry. Crissman HA, et al. **J Cell Biol** 1985 Jul;101(1):141-7

Growth and biochemical changes in mammary glands of ewes from 1 to 18 months of age. Hassan A, et al. **J Dairy Sci** 1985 Jul;68(7):1647-51

Autoradiographic studies on the distribution of labeled maternal RNA in early mouse embryos. Bachvarova R, et al. **J Exp Zool** 1985 Mar;233(3):397-403

Interstrain differences in the total RNA content in brain cells of the laboratory rat. Nováková V, et al. **J Hirnforsch** 1985;26(1):109-12

Cytophotometry of nucleic acids and morphometry of motor neurons and oligodendroglia in the spinal cord of rats treated with CCNU (lomustine). Wygladalska-Jernas H, et al. **J Hirnforsch** 1984;25(5):487-92

Ultrastructural localization of nucleic acids through several cytochemical techniques on osmium-fixed tissues: comparative evaluation of the different labelings. Bendayan M, et al. **J Histochem Cytochem** 1984 Nov;32(11):1185-91

Expression of two Xenopus laevis ribosomal protein genes in injected frog oocytes. A specific splicing block interferes with the L1 RNA maturation. Bozzoni I, et al. **J Mol Biol** 1984 Dec 25;180(4):987-1005

Ribonucleoprotein organization of eukaryotic RNA. XXXII. U2 small nuclear RNA precursors and their accurate 3' processing in vitro as ribonucleoprotein particles. Wieben ED, et al. **J Mol Biol** 1985 May 5;183(1):69-78

On the effects and mechanism(s) of action of 2-mercaptopropionylglycine (MPG) as a radioprotector on murine liver measured by changes in ribonucleic acid and protein contents: findings and hypothesis. Kumar Gupta N, et al. **J Nucl Med Allied Sci** 1984 Oct-Dec;28(4):257-62

Analysis of a cell cycle model based on unequal division of metabolic constituents to daughter cells during cytokinesis. Kimmel M, et al. **J Theor Biol** 1984 Oct 21; 110(4):637-64

Effects of diazepam on soman-induced brain neuronal RNA depletion and lethality in rats. Doebler JA, et al. **Life Sci** 1985 Mar 18;36(11):1107-15

Cytophotometric analyses of thalamic neuronal RNA in soman intoxicated rats. Martin LJ, et al. **Life Sci** 1984 Oct 8;35(15):1593-600

Modulation of RNA transport by polyvinylpyrrolidone. Clawson GA, et al. **Mol Biol Rep** 1984 Dec;10(2):105-7

Interaction in vitro of the neurofilament triplet proteins from porcine spinal cord with natural RNA and DNA. Traub P, et al. **Mol Biol Rep** 1985 Apr;10(3):129-36

Interactions of U1 RNP with heterogeneous nuclear RNA in rat Novikoff hepatoma nuclei. Harmon FR, et al. **Mol Cell Biochem** 1984 Nov;65(1):45-55

Transcription of the mouse dihydrofolate reductase gene proceeds unabated through seven polyadenylation sites and terminates near a region of repeated DNA. Frayne EG, et al. **Mol Cell Biol** 1984 Dec;4(12):2921-4

Sequences upstream of c-mos(rat) that block RNA accumulation in mouse cells do not inhibit in vitro transcription. van der Hoorn FA, et al. **Mol Cell Biol** 1985 Feb;5(2):406-9

Effect of hypothyroidism on the labeling of the various RNA species in developing rat brain. Serra I, et al. **Neurochem Res** 1985 Jan;10(1):33-47

Non-radioactive hybridization probes prepared by the chemical labelling of DNA and RNA with a novel reagent, photobiotin. Forster AC, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):745-61

Characterization of the RNA binding properties of transcription factor IIIA of Xenopus laevis oocytes. Romaniuk PJ. **Nucleic Acids Res** 1985 Jul 25;13(14):5369-87

Food intake control and RNA content of hypothalamic neurons in infant rats. Kuchár S, et al. **Physiol Behav** 1984 Aug;33(2):169-72

Expression of the sis gene by endothelial cells in culture and in vivo. Barrett TB, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6772-4

Cyclization of RNA 3'-terminal phosphate by cyclase from HeLa cells proceeds via formation of N(3')pp(5')A activated intermediate. Filipowicz W, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1316-20

Characterization of the ColE1 primer-RNA1 complex: analysis of a domain of ColE1 RNA1 necessary for its interaction with primer RNA. Tamm J, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2257-61

Isolation and characterization of an RNA-proteolipid complex associated with the malignant state in humans. Wieczorek AJ, et al. **Proc Natl Acad Sci USA** 1985 May; 82(10):3455-9

RNA metabolism in cultures of corneal stromal cells from patients with keratoconus. Yue BY, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):126-32

RNA required for import of precursor proteins into mitochondria. Firgaira FA, et al. **Science** 1984 Dec 14; 226(4680):1319-22

Effects of HI-6 on brain neuronal RNA and acetylcholinesterase: metabolic responses during acute soman intoxication. Doebler JA, et al. **Toxicology** 1984 Dec;33(3-4):311-22

[Effect of experimental diabetes and its treatment with insulin on the translation of RNAs and protein synthesis in rat enterocytes] Bréant B, et al. **C R Acad Sci [III]** 1984; 299(14):571-4 (Eng. Abstr.) (Fre)

[Nonsense RNA: a tool for specifically inhibiting the expression of a gene in vivo] Rubenstein JL, et al. **C R Acad Sci [III]** 1984;299(8):271-4 (Eng. Abstr.) (Fre)

[Effects of rabies infection on the metabolism of the host-cell: does inhibition of cellular RNA synthesis take place?] Tuffereau C, et al. **C R Acad Sci [III]** 1985;300(16):597-600 (Eng. Abstr.) (Fre)

[Direct and reverse transport of RNA in a system of isolated HeLa cell nuclei] Sonina NV, et al. **Biokhimiia** 1984 Dec; 49(12):1955-8 (Eng. Abstr.) (Rus)

[The eukaryotic elongation factor EF-2 loses its nonspecific affinity for RNA as a result of ADP ribosylation] Bezlepkina TA, et al. **Dokl Akad Nauk SSSR** 1984; 278(3):751-4 (Rus)

[Concentration of nucleolar nucleic acids in the nucleus raphe dorsalis and CA3 hippocampus of the rat brain during deprivation of the paradoxical phase of sleep] Klenikova VA, et al. **Fiziol Zh SSSR** 1985 Jun;71(6):753-6 (Eng. Abstr.) (Rus)

[Nucleic acid metabolism in rat liver after single and prolonged exposure to tritium oxide] Shorokhova VB. **Radiobiologiia** 1984 Nov-Dec;24(6):831-4 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Chymotrypsin treatment of glucocorticoid receptor attenuates RNA-dependent inhibition of DNA binding. Evidence for a distinct RNA-binding site. Tymoczko JL, et al. **Biochim Biophys Acta** 1985 Aug 30;846(2):193-9

DNA methylation. Inhibition of de novo and maintenance methylation in vitro by RNA and synthetic polynucleotides. Bolden A, et al. **J Biol Chem** 1984 Oct 25;259(20):12437-43

Solubilization and reconstitution of a nuclear envelope-associated ATPase. Synergistic activation by RNA and polyphosphoinositides. Smith CD, et al. **J Biol Chem** 1984 Oct 10;259(19):11890-4

Translation of mRNA injected into Xenopus oocytes is specifically inhibited by antisense RNA. Harland R, et al. **J Cell Biol** 1985 Sep;101(3):1094-9

Effect of polycations and polyanions on cell division of cultured mammalian cells. Richman R, et al. **Life Sci** 1984 Aug 20;35(8):911-6

[Potential use of exogenous RNAs for the analysis of the complex effects of biologically active substances] Smirnov AV. **Biull Eksp Biol Med** 1985 Jul;100(7):81-3 (Eng. Abstr.) (Rus)

[Effects of exogenous RNA from the organs of physically trained animals] Smirnov AV. **Dokl Akad Nauk SSSR** 1984; 278(6):1499-502 (Rus)

[Effect of RNA on the M-cholinoreceptor activity of the frog heart] Turpaev TM, et al. **Dokl Akad Nauk SSSR** 1984 Nov-Dec;279(1):250-2 (Rus)

[The effect of exogenous RNA and their fragments on yeast beta-galactosidase activity] Likhacheva LI, et al. **Ukr Biokhim Zh** 1984 Jul-Aug;56(4):384-90 (Eng. Abstr.) (Rus)

PHYSIOLOGY

14th annual UCLA symposia. Nuclear envelope structure and RNA maturation. January 12-19, 1985. Abstracts. **J Cell Biochem [Suppl]** 1985;9A:1-31

[Cell surface RNA--a possible molecular receptor of adaptogens] Malenkov AG, et al. **Biofizika** 1984 Sep-Oct; 29(5):814-5 (Eng. Abstr.) (Rus)

[Theoretical analysis of the kinetics of the formation of secondary RNA structures] Mironov AA, et al. **Dokl Akad Nauk SSSR** 1984;277(3):725-8 (Rus)

RADIATION EFFECTS

Abnormal retention of X-irradiated ataxia-telangiectasia fibroblasts in G2 phase of the cell cycle: cellular RNA content, chromatin stability and the effects of 3-aminobenzamide. Smith PJ, et al. **Int J Radiat Biol** 1985 Jun;47(6):701-12

THERAPEUTIC USE

Topical effect of aloe with ribonucleic acid and vitamin C on adjuvant arthritis. Davis RH, et al. **J Am Podiatr Med Assoc** 1985 May;75(5):229-37

RNA, BACTERIAL

Characterization of a Yellowstone hot spring microbial community by 5S rRNA sequences. Stahl DA, et al. **Appl Environ Microbiol** 1985 Jun;49(6):1379-84

Structure in solution of M1 RNA, the catalytic subunit of ribonuclease P from Escherichia coli. Guerrier-Takada C, et al. **Biochemistry** 1984 Dec 18;23(26):6327-34

Electron microscopy of secondary structure in partially denatured Escherichia coli 16S rRNA and 30S subunits. Klein BK, et al. **Biochemistry** 1984 Aug 14;23(17):3927-33

Effect of Mg2+ on solution conformation of two different transfer ribonucleic acids. Thomas JC, et al. **Biochemistry** 1984 Nov 6;23(23):5414-20

Rotational dynamics of transfer ribonucleic acid: effect of ionic strength and concentration. Thomas JC, et al. **Biochemistry** 1984 Nov 6;23(23):5407-13

Conserved unpaired adenine residues are important for ordered structures of 5S ribosomal RNA. An infrared study of the secondary and tertiary structure of Thermus thermophilus 5S rRNA. Böhm S, et al. **Eur J Biochem** 1985 Mar 15;147(3):503-10

The 5' ends of Escherichia coli lac mRNA. Cannistraro VJ, et al. **J Mol Biol** 1985 Mar 20;182(2):241-8

Three-dimensional arrangement of the Escherichia coli 16 S ribosomal RNA. Expert-Bezançon A, et al. **J Mol Biol** 1985 Jul 5;184(1):53-66

Higher-order structure in the 3'-terminal domain VI of the 23 S ribosomal RNAs from Escherichia coli and Bacillus stearothermophilus. Garrett RA, et al. **J Mol Biol** 1984 Nov 15;179(4):689-712

Chemical probing of conformation in large RNA molecules. Analysis of 16 S ribosomal RNA using diethylpyrocarbonate. Van Stolk BJ, et al. **J Mol Biol** 1984 Nov 25;180(1):151-77

Structure of the Escherichia coli 16 S ribosomal RNA. Psoralen crosslinks and N-acetyl-N'-(p-glyoxylylbenzoyl)cystamine crosslinks detected by electron microscopy. Wollenzien PL, et al. **J Mol Biol** 1985 Jul 5;184(1):67-80

ANALYSIS

Effects of the ribosomal subunit association on the chemical modification of the 16S and 23S RNAs from Escherichia coli. Meier N, et al. **Eur J Biochem** 1985 Jan 2;146(1):83-7

Topography of RNA in the ribosome: location of the 5 S RNA residues A39 and U40 on the central protuberance of the 50 S subunit. Evstafieva AG, et al. **FEBS Lett** 1985 Jun 3;185(1):57-62

Polyadenylated, noncapped RNA from the archaebacterium Methanococcus vannielii. Brown JW, et al. **J Bacteriol** 1985 Jun;162(3):909-17

Effects of light, oxygen, and substrates on steady-state levels of mRNA coding for ribulose-1,5-bisphosphate carboxylase and light-harvesting and reaction center polypeptides in Rhodopseudomonas sphaeroides. Zhu YS, et al. **J Bacteriol** 1985 Jun;162(3):925-32

Isolating and sequencing the predominant 5'-ends of a specific mRNA in cells. II. End-labeling and sequencing. Cannistraro VJ, et al. **J Biochem Biophys Methods** 1985 Aug;11(2-3):163-75

Structure and organization of genes for transfer ribonucleic acid in Bacillus subtilis. Vold BS. **Microbiol Rev** 1985 Mar; 49(1):71-80 (62 ref.)

Long range RNA-RNA interactions in the 30 S ribosomal subunit of E. coli. Spitnik-Elson P, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4719-38

[Selective alkylation of G24 residue in tRNAPhe] Gimautdinova OI, et al. **Mol Biol (Mosk)** 1984 Sep-Oct; 18(5):1419-23 (Eng. Abstr.) (Rus)

[Physicochemical and biological properties of double-stranded RNA--an interferon inducer] Feldmane GIa, et al. **Vopr Virusol** 1984 Jul-Aug;29(4):463-8 (Eng. Abstr.) (Rus)

BIOSYNTHESIS

Specific incorporation of 5-fluorocytidine into Escherichia coli RNA. Kaiser II, et al. **Biochim Biophys Acta** 1985 May 24;825(1):12-20

Processing of precursor ribosomal RNA and the presence of a modified ribosome assembly scheme in Escherichia coli relaxed strain. Mackow ER, et al. **FEBS Lett** 1985 Mar 25;182(2):407-12

Effect of cholesterol on phospholipid, RNA, and protein synthesis in Mycoplasma capricolum. Dahl JS, et al. **Isr J Med Sci** 1984 Sep;20(9):807-11

The corallopyronins, new inhibitors of bacterial RNA synthesis from Myxobacteria. Irschik H, et al. **J Antibiot (Tokyo)** 1985 Feb;38(2):145-52

Control of Klebsiella pneumoniae nif mRNA synthesis. Collins JJ, et al. **J Bacteriol** 1985 Jun;162(3):1186-90

New gene in Escherichia coli K-12 (drpA): does its product play a role in RNA synthesis? Lech KF, et al. **J Bacteriol** 1985 Apr;162(1):117-23

Effect of DNA gyrase inactivation on RNA synthesis in Escherichia coli. Wahle E, et al. **J Bacteriol** 1985 Apr; 162(1):458-60

Induction of stringent response by streptomycin in Bacillus subtilis cells. Ikehara K, et al. **J Biochem (Tokyo)** 1985 Feb; 97(2):697-700

Interaction of RNA polymerase with lacUV5 promoter DNA during mRNA initiation and elongation. Footprinting, methylation, and rifampicin-sensitivity changes accompanying transcription initiation. Carpousis AJ, et al. **J Mol Biol** 1985 May 25;183(2):165-77

Analysis of mRNA synthesis following induction of the Escherichia coli SOS system. Markham BE, et al. **J Mol Biol** 1984 Sep 15;178(2):237-48

UV-repair and mutagenesis in Azotobacter vinelandii. I. Repair of UV-induced damages. Majumdar S, et al. **Zentralbl Mikrobiol** 1985;140(3):247-54

[3-dimensional model of transcription and the mechanism of RNA elongation] Grigor'ev SA. **Biol Nauki** 1984; (12):17-24 (48 ref.) (Eng. Abstr.) (Rus)

[RNA polymerase-rifamycin. A molecular model of inhibition] Chertov OIu, et al. **Bioorg Khim** 1983 May; 9(5):633-40 (Eng. Abstr.) (Rus)

GENETICS

Stringent control of bacterial transcription. Lamond AI, et al. **Cell** 1985 May;41(1):6-8 (21 ref.)

Control of ColE1 plasmid replication: initial interaction of RNA I and the primer transcript is reversible. Tomizawa J. **Cell** 1985 Mar;40(3):527-35

Nucleotide sequence, secondary structure and evolution of the 5S ribosomal RNA from five bacterial species. Vandenberghe A, et al. **Eur J Biochem** 1985 Jun 18; 149(3):537-42

Expression of plasmid encoded Escherichia coli 5S ribosomal ribonucleic acid in Pseudomonas putida. Hartmann RK, et al. **FEBS Lett** 1985 Sep 2;188(2):295-301

Alterations in the number of rRNA operons within the Bacillus subtilis genome. Gottlieb P, et al. **Gene** 1985; 33(3):259-68

Cloning, sequence analysis, and expression of alteration of the mRNA stability gene (ams+) of Escherichia coli. Chanda PK, et al. **J Bacteriol** 1985 Jan;161(1):446-9

Escherichia coli 6S RNA gene is part of a dual-function transcription unit. Hsu LM, et al. **J Bacteriol** 1985 Mar; 161(3):1162-70

Escherichia coli 6S RNA is not essential for growth or protein secretion. Lee CA, et al. **J Bacteriol** 1985 Mar;

161(3):1156-61

IncFII plasmid incompatibility product and its target are both RNA transcripts. Womble DD, et al. **J Bacteriol** 1984 Oct; 160(1):28-35

Thermal regulation of beta-galactosidase synthesis using anti-sense RNA directed against the coding portion of the mRNA. Ellison MJ, et al. **J Biol Chem** 1985 Aug 5; 260(16):9085-7

The 4.5 S RNA gene of Escherichia coli is essential for cell growth. Brown S, et al. **J Mol Biol** 1984 Sep 25; 178(3):533-50

Cloning and sequence analysis of the Escherichia coli 4.5 S RNA gene. Hsu LM, et al. **J Mol Biol** 1984 Sep 25; 178(3):509-31

Evidence that discontinuous DNA replication in Escherichia coli is primed by approximately 10 to 12 residues of RNA starting with a purine. Kitani T, et al. **J Mol Biol** 1985 Jul 5;184(1):45-52

Translation is a non-uniform process. Effect of tRNA availability on the rate of elongation of nascent polypeptide chains. Varenne S, et al. **J Mol Biol** 1984 Dec 15; 180(3):549-76

Identification of transfer RNA suppressors in Escherichia coli. III. Ochre suppressors of lysine tRNA. Yoshimura M, et al. **J Mol Biol** 1984 Aug 25;177(4):609-25

Identification of transfer RNA suppressors in Escherichia coli. IV. Amber suppressor Su+6 a double mutant of a new species of leucine tRNA. Yoshimura M, et al. **J Mol Biol** 1984 Aug 25;177(4):627-44

Essential structure of E. coli promoter II. Effect of the sequences around the RNA start point on promoter function. Aoyama T, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):4085-96

The sequence of the distal end of the E. coli ribosomal RNA rrnE operon indicates conserved features are shared by rrn operons. Liebke H, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5515-25

Common structural features of the genes for two stable RNAs from Halobacterium halobium. Moritz A, et al. **Nucleic Acids Res** 1985 Jan 11;13(1):31-43

Antitermination of transcription from an Escherichia coli ribosomal RNA promoter. Holben WE, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6789-93

Construction of the mycoplasma evolutionary tree from 5S rRNA sequence data. Rogers MJ, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1160-4

A catalytic RNA and its gene from Salmonella typhimurium. Baer M, et al. **Science** 1985 May 24;228(4702):999-1002

[tRNA-binding centers of Escherichia coli ribosomes and their structural organization] Karpova GG. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1194-207 (65 ref.) (Eng. Abstr.) **(Rus)**

[The Shine-Dalgarno sequence and the effectiveness of translation initiation] Khudiakov IuE. **Mol Biol (Mosk)** 1985 May-Jun;19(3):702-16 (Eng. Abstr.) **(Rus)**

[Analysis of the primary structure of mRNA from Escherichia coli: occurrence of nucleotides on the 3'-side of the codon] Shpaer EG. **Mol Biol (Mosk)** 1985 May-Jun; 19(3):791-9 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

RNase-sensitive and RNase-insensitive protective components isolated from Listeria monocytogenes. Antonissen AC, et al. **Antonie Van Leeuwenhoek** 1985; 51(2):227-40

ISOLATION & PURIFICATION

Escherichia coli 5S RNA A and B conformers. Characterisation by enzymatic and chemical methods. Göringer HU, et al. **Eur J Biochem** 1984 Oct 1;144(1):25-34

Isolation of gram quantities of isoleucyl-tRNA synthetase from an overproducing strain of Escherichia coli and its use for purification of cognate tRNA. Kawakami M, et al. **FEBS Lett** 1985 Jun 3;185(1):162-4

Isolating and sequencing the predominant 5'-ends of a specific mRNA in cells. I. Purification by filter hybridization. Cannistraro VJ, et al. **J Biochem Biophys Methods** 1985 Aug;11(2-3):153-61

METABOLISM

Ribosomal activity of the 16 S.23 S RNA complex. Burma DP, et al. **Arch Biochem Biophys** 1985 Jun;239(2):427-35

tRNA binding sites of ribosomes from Escherichia coli. Lill R, et al. **Biochemistry** 1984 Dec 18;23(26):6710-7

Development of a cell wash buffer that minimizes nucleic acid loss from Clostridium perfringens 10543 A. Blaschek HP, et al. **Can J Microbiol** 1985 Jun;31(6):575-8

Control of ColE1 plasmid replication: the process of binding of RNA I to the primer transcript. Tomizawa J. **Cell** 1984 Oct;38(3):861-70

Control of ColE1 plasmid replication: enhancement of binding of RNA I to the primer transcript by the Rom protein. Tomizawa J, et al. **Cell** 1984 Oct;38(3):871-8

Maturation of the 3' end of 5-S ribosomal RNA from Escherichia coli. Szeberényi J, et al. **Eur J Biochem** 1985 May 15;149(1):113-8

The effect of GTP hydrolysis and transpeptidation on the arrangement of aminoacyl-tRNA at the A-site of Escherichia coli 70 S ribosomes. Vladimirov SN, et al. **FEBS Lett** 1985 Feb 25;181(2):367-72

Selective utilization of 2-thioribothymidine- and ribothymidine-containing tRNAs by the protein synthetic systems of Thermus thermophilus HB 8 depending on the environmental temperature. Watanabe K, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1625-32

Analysis of in vivo RNA transcription products of the ilvGEDA attenuator region of Escherichia coli K12. Adams CW, et al. **J Biol Chem** 1985 Jul 15;260(14):8538-44

Effect of serine hydroxamate and methyl alpha-D-glucopyranoside treatment on nucleoside polyphosphate pools, RNA and protein accumulation in Streptomyces hygroscopicus. Riesenberg D, et al. **J Gen Microbiol** 1984 Oct;130 (Pt 10):2549-58

Interaction of ribosomal proteins S6, S8, S15 and S18 with the central domain of 16 S ribosomal RNA from Escherichia coli. Gregory RJ, et al. **J Mol Biol** 1984 Sep 15;178(2):287-302

Anticodon-anticodon interactions in solution. Studies of the self-association of yeast or Escherichia coli tRNAAsp and of their interactions with Escherichia coli tRNAVal. Romby P, et al. **J Mol Biol** 1985 Jul 5;184(1):107-118

A mutation in an Escherichia coli ribosomal RNA operon that blocks the production of precursor 23 S ribosomal RNA by RNase III in vivo and in vitro. Stark MJ, et al. **J Mol Biol** 1985 Mar 20;182(2):205-16

Effects of site-directed mutations in the central domain of 16 S ribosomal RNA upon ribosomal protein binding, RNA processing and 30 S subunit assembly. Stark MJ, et al. **J Mol Biol** 1984 Sep 15;178(2):303-22

10 nm RecA protein filaments formed in the presence of Mg2+ and ATP gamma S may contain RNA. Register JC 3d, et al. **MGG** 1985;199(3):415-20

Characterization of the ColE1 primer-RNA1 complex: analysis of a domain of ColE1 RNA1 necessary for its interaction with primer RNA. Tamm J, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2257-61

[Changes in subunit conformation and their reciprocal configuration in the transition from the pretranslocated to the posttranslocated state] Abdurashidova GG, et al. **Bioorg Khim** 1985 Mar;11(3):417-9 (Eng. Abstr.) **(Rus)**

[Contacts of ribosomal proteins with tRNAPhe and 16S RNA in analogs of the 30S initiation complex] Abdurashidova GG, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):553-7 (Eng. Abstr.) **(Rus)**

[Affinity modification of Escherichia coli ribosomes near the acceptor tRNA-binding site] Babkina GT, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1287-96 (Eng. Abstr.) **(Rus)**

[Affinity modification of Escherichia coli ribosomes with photoactivated analogs of mRNA] Gimautdinova OI, et al. **Mol Biol (Mosk)** 1984 Jul-Aug;18(4):907-18 (Eng. Abstr.) **(Rus)**

[The effect of the antibiotic edeine on tRNA interaction with A, P and E sites of Escherichia coli 70S ribosomes] Semenkov IuP, et al. **Mol Biol (Mosk)** 1984 Sep-Oct; 18(5):1348-51 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Involvement of 16S ribosomal RNA in resistance of the aminoglycoside-producers Streptomyces tenjimariensis, Streptomyces tenebrarius and Micromonospora purpurea. Piendl W, et al. **MGG** 1984;197(1):24-9

RADIATION EFFECTS

Directly photocrosslinked nucleotides joining transfer RNA to aminoacyl-tRNA synthetase in methionine and tyrosine systems. Ackerman EJ, et al. **J Mol Biol** 1985 Jan 5; 181(1):93-102

[RNA-protein cross-links in the 30S ribosome subunit of Escherichia coli induced by high-intensity laser ultraviolet radiation] Budovskii EI, et al. **Dokl Akad Nauk SSSR** 1985; 281(4):971-4 **(Rus)**

RNA CAP ANALOGS see under **RNA CAPS**

RNA CAPS

ANALYSIS

Recognition of cap structure in splicing in vitro of mRNA precursors. Konarska MM, et al. **Cell** 1984 Oct;38(3):731-6

5'-Terminal caps of snRNAs are reactive with antibodies specific for 2,2,7-trimethylguanosine in whole cells and nuclear matrices. Double-label immunofluorescent studies with anti-m3G antibodies and with anti-RNP and anti-Sm autoantibodies. Reuter R, et al. **Exp Cell Res** 1984 Oct; 154(2):548-60

Mapping of N6-methyladenosine residues in bovine prolactin mRNA. Horowitz S, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5667-71

CHEMICAL SYNTHESIS

Chemical carcinogenesis. II. Imidazole-ring-opened derivatives from 7-ethyl- and 1,7-diethylguanosine. Kanduc D, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30; 60(6):1273-6

GENETICS

Mature mRNAs of Trypanosoma brucei possess a 5' cap acquired by discontinuous RNA synthesis. Laird PW, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4253-66

IMMUNOLOGY

Detection of human autoantibodies specific for 5'-m7GMP and m7G(5')ppp(5')N. Munns TW, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):1014-9

METABOLISM

Functional characterization of eukaryotic mRNA cap binding protein complex: effects on translation of capped and naturally uncapped RNAs. Edery I, et al. **Biochemistry** 1984 May 22;23(11):2456-62

The role of cap methylation in the translational activation of stored maternal histone mRNA in sea urchin embryos. Caldwell DC, et al. **Cell** 1985 Sep;42(2):691-700

Cap accessibility correlates with the initiation efficiency of alfalfa mosaic virus RNAs. Godefroy-Colburn T, et al. **Eur J Biochem** 1985 Mar 15;147(3):549-52

RNA capping by the vaccinia virus guanylyltransferase. Structure of enzyme-guanylate intermediate. Roth MJ, et al. **J Biol Chem** 1984 Nov 10;259(21):13488-94

Expression of a functional influenza viral cap-recognizing protein by using a bovine papilloma virus vector. Braam-Markson J, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4326-30

PHARMACODYNAMICS

Effect of 7-methylguanosine-5'-phosphate on the translation of rat milk-protein mRNAs in the wheat-germ cell-free system. Mezl VA, et al. **Biosci Rep** 1984 Jul;4(7):535-40

Isolation and characterization of factors from wheat germ that exhibit eukaryotic initiation factor 4B activity and overcome 7-methylguanosine 5'-triphosphate inhibition of polypeptide synthesis. Lax S, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2).330-3

Capped mRNAs may stimulate the influenza virion polymerase by allosteric modulation. Penn CR, et al. **Virus Res** 1984 Jan;1(1):1-13

PHYSIOLOGY

Activation of influenza virus-associated RNA polymerase by cap-1 structure (m7GpppNm). Kawakami K, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):655-61

RNA-DEPENDENT DNA POLYMERASE see **REVERSE TRANSCRIPTASE**

RNA, DOUBLE-STRANDED

Analysis of the electrophoretic properties of double-stranded DNA and RNA in agarose gels at a finite voltage gradient. Edmondson SP, et al. **Biopolymers** 1984 Dec; 23(12):2725-42

The structure of the double-stranded RNA pentamer 5'(CACAG) . 5'(CUGUG) determined by nuclear Overhauser enhancement measurements: interproton distance determination and structure refinement on the basis of X-ray coordinates. Clore GM, et al. **Eur J Biochem** 1985 Aug 15;151(1):153-65

'Z-RNA'—a left-handed RNA double helix. Hall K, et al. **Nature** 1984 Oct 11-17;311(5986):584-6

ADMINISTRATION & DOSAGE

Synergistic effect of human immune interferon and double-stranded RNA against human colon carcinoma cells in vitro. Chapekar MS, et al. **Cancer Res** 1985 Jun; 45(6):2539-44

Antiproliferative and immunomodulatory actions of beta-interferon and double-stranded RNA, individually and in combination, on human bladder tumor xenografts in nude mice. Hubbell HR, et al. **Cancer Res** 1985 Jun; 45(6):2481-6

ANALYSIS

Polyacrylamide gel electrophoresis of the Kemerovo virus RNA. Slávik I, et al. **Acta Virol (Praha)** 1984 Jul; 28(4):257-66

Nucleic acid and structural proteins of infectious bursal disease virus isolates belonging to serotypes I and II. Jackwood DJ, et al. **Avian Dis** 1984 Oct-Dec; 28(4):990-1006

Preferential expression of double-stranded ribonucleic acid in tumor versus normal cells: biological and clinical implications. Kantarjian HM, et al. **Blood** 1985 Jul; 66(1):39-46

A linear double-stranded RNA in Trichomonas vaginalis. Wang AL, et al. **J Biol Chem** 1985 Mar 25;260(6):3697-702

Assessment of sequence relatedness of double-stranded RNA genes by RNA-RNA blot hybridization. Bodkin DK, et al. **J Virol Methods** 1985 Jan;10(1):45-52

Detection of double-stranded RNA by serologically specific electron microscopy. Derrick KS, et al. **J Virol Methods** 1984 Dec;9(4):293-9

A rapid screening assay for detecting individual RNA species in field isolates of rotaviruses. Pedley S, et al. **J Virol Methods** 1984 Oct;9(2):173-81

Long internal inverted repeat in a yeast viral double-stranded RNA. Bruenn J, et al. **Nucleic Acids Res** 1985 Mar 11; 13(5):1575-91

Rise per base pair in helices of double-stranded rotavirus RNA determined by electron microscopy. Taylor P, et al. **Virus Res** 1985 Mar;2(2):175-82

[Study of the double-stranded fragments in the poly(A)-containing cytoplasmic RNA of the rat liver] Konstantinova IM, et al. **Mol Biol (Mosk)** 1984 Jul-Aug; 18(4):945-9 (Eng. Abstr.) **(Rus)**

[Physicochemical and biological properties of double-stranded RNA--an interferon inducer] Feldmane GIa, et al. **Vopr Virusol** 1984 Jul-Aug;29(4):463-8 (Eng. Abstr.) **(Rus)**

GENETICS

Growth-related expression of a double-stranded RNA-dependent protein kinase in 3T3 cells. Petryshyn R, et al. **J Biol Chem** 1984 Dec 10;259(23):14736-42

Conservative replication of double-stranded RNA in Saccharomyces cerevisiae by displacement of progeny single strands. Sclafani RA, et al. **Mol Cell Biol** 1984 Aug; 4(8):1618-26

Double-stranded RNAs that encode killer toxins in Saccharomyces cerevisiae: unstable size of M double-stranded RNA and inhibition of M2 replication by M1. Sommer SS, et al. **Mol Cell Biol** 1984 Sep;4(9):1747-53

Structure and expression of the M2 genomic segment of a type 2 killer virus of yeast. Hannig EM, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4379-400

A human IFN-beta 1 gene deleted of promoter sequences upstream from the TATA box is controlled post-transcriptionally by dsRNA. Nir U, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):6979-93

[Synonymous codon usage at the ends of double-stranded regions in the secondary structure of mRNA] Nechipurenko IuD, et al. **Dokl Akad Nauk SSSR** 1985; 282(3):721-4 **(Rus)**

ISOLATION & PURIFICATION

The coexistence of multiple bluetongue virus electropherotypes in individual cattle during natural infection. Oberst RD, et al. **J Gen Virol** 1985 Sep;66 (Pt 9):1901-9

Isolation and antiviral activities of the double-stranded RNA from Lentinus edodes (Shiitake). Takehara M, et al. **Kobe J Med Sci** 1984 Aug;30(3-4):25-34

[Natural interferon inducers: double-stranded RNA of killer plasmids of Saccharomyces cerevisiae] Duzhak AB, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):19-21 (Eng. Abstr.) **(Rus)**

[Isolation of virus-specific double-stranded RNA from cells transformed with Rous sarcoma virus] Perevozchikov AP, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1509-17 (Eng. Abstr.) **(Rus)**

METABOLISM

Characterisation of the interferon-mediated protein kinase by polyclonal antibodies. Laurent AG, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):1-7

Human seminal ribonuclease. A tool to check the role of basic charges and glycosylation of a ribonuclease in the action of the enzyme on double-stranded RNA. Sorrentino S, et al. **Biochim Biophys Acta** 1985 Feb 4;827(2):135-9

The nature of the interaction of eukaryotic initiation factor 2 with double-stranded RNA. Itamar D, et al. **Eur J Biochem** 1984 Dec 3;145(2):373-9

Terminally directed hydrolysis of duplex ribonucleic acid catalyzed by a species of the BAL 31 nuclease from Alteromonas espejiana. Bencen GH, et al. **J Biol Chem** 1984 Nov 10;259(21):13584-9

Mechanism of interferon action. Purification and substrate specificities of the double-stranded RNA-dependent protein kinase from untreated and interferon-treated mouse fibroblasts. Berry MJ, et al. **J Biol Chem** 1985 Sep 15; 260(20):11240-7

Mechanism of interferon action. The interferon-induced phosphoprotein P1 possesses a double-stranded RNA-dependent ATP-binding site. Bischoff JR, et al. **J Biol Chem** 1985 Jul 15;260(14):8237-9

Virus-like particle capsid proteins encoded by different L double-stranded RNAs of Saccharomyces cerevisiae: their roles in maintenance of M double-stranded killer plasmids. El-Sherbeini M, et al. **Mol Cell Biol** 1984 Dec; 4(12):2818-27

Monoclonal antibodies to an interferon-induced Mr 68,000 protein and their use for the detection of double-stranded RNA-dependent protein kinase in human cells. Laurent AG, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4341-5

Production and characterization of a monoclonal antibody to a human interferon-induced double-stranded RNA-binding Mr 68,000 protein kinase. Penn LJ, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4959-63

PHARMACODYNAMICS

Effect of interferon and double-stranded RNA on B-cell function in mouse islets of Langerhans. Rhodes CJ, et al. **Biochem J** 1985 May 15;228(1):87-94

Changes induced in the lymphoid system by the double-stranded RNA. Sula K, et al. **Folia Biol (Praha)** 1984;30(5):349-57

Modulation of the effects of cyclophosphamide on the lymphoid system of mice by double-stranded RNA. Sula K, et al. **Folia Biol (Praha)** 1985;31(1):59-62

Characteristics of the induction of two double-stranded RNA-dependent enzymes by interferon in parental and variant L cells. Veomett GE, et al. **J Interferon Res** 1985 Spring;5(2):327-37

Double-stranded RNA-dependent protein kinase and 2-5A system are both activated in interferon-treated, encephalomyocarditis virus-infected HeLa cells. Rice AP, et al. **J Virol** 1985 Jun;54(3):894-8

[Effect of the combined use of dextran sulfate and double-stranded RNA on interferon production] Amitina NN, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):16-9 (Eng. Abstr.) **(Rus)**

[Interferon-inducing and antiviral activity of dsRNA of yeast origin] Nosik NN, et al. **Vopr Virusol** 1984 Nov-Dec; 29(6):718-20 (Eng. Abstr.) **(Rus)**

[Properties of double-stranded RNA as an interferon inducer] Nosik NN, et al. **Vopr Virusol** 1984 Sep-Oct;29(5):599-603 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

The role of interferon-induced proteins, double-stranded RNA and 2', 5'-oligoadenylate in the interferon-mediated inhibition of viral translation. Johnston MI, et al. **Interferon** 1984;3:189-298 (32 ref.)

Interferon induction by viruses: double-stranded ribonucleic acid as the common proximal inducer molecule. Marcus PI. **Interferon** 1984;3:113-75 (237 ref.)

Isolation and antiviral activities of the double-stranded RNA from Lentinus edodes (Shiitake). Takehara M, et al. **Kobe J Med Sci** 1984 Aug;30(3-4):25-34

Distribution of reversing factor in reticulocyte lysates during active protein synthesis and on inhibition by heme deprivation or double-stranded RNA. Thomas NS, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6998-7002

THERAPEUTIC USE

[Antitumor activity of Ca-double-stranded RNA from sodium nucleinate] Zakharian RA, et al. **Eksp Onkol** 1985; 7(3):54-6 (Eng. Abstr.) **(Rus)**

RNA, FUNGAL

Covalent binding of the antitumor agent N2-methyl-9-hydroxy-ellipticinium acetate (NSC 264137) on RNA and poly A in vitro. Dugue B, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):416-22

Effect of Mg2+ on solution conformation of two different transfer ribonucleic acids. Thomas JC, et al. **Biochemistry** 1984 Nov 6;23(23):5414-20

Crystallographic refinement of yeast aspartic acid transfer RNA. Westhof E, et al. **J Mol Biol** 1985 Jul 5;184(1):119-45

Conformational study of low molecular weight RNAs in solution by fluorescent probe. Nagamatsu K, et al. **Nucleic Acids Symp Ser** 1984;(15):139-42

Steric and electronic factors in the reactivity of yeast tRNAPhe. Pullman A. **Prog Clin Biol Res** 1985;172A:71-86

ANALYSIS

Quantitative cytophotometric determination of DNA, RNA and lysine bound protein in relationship to zygote formation and protein synthesis in myxamoebae and swarm cells of Didymium iridis. Yemma JJ, et al. **Cytobios** 1985; 43(171):115-29

Imino-proton resonances of yeast tRNAPhe studied by two-dimensional nuclear Overhauser enhancement spectroscopy. Heerschap A, et al. **Eur J Biochem** 1985 Jun 18;149(3):649-55

5-Methyl-2-thiouridine in the tRNA of Candida tropicalis and its localization in lysine tRNA. Patwardhan S, et al. **J Bacteriol** 1985 Apr;162(1):55-60

Modified nucleoside, 5-carbamoylmethyluridine, located in the first position of the anticodon of yeast valine tRNA. Yamamoto N, et al. **J Biochem (Tokyo)** 1985 Jan; 97(1):361-4

BIOSYNTHESIS

Changes in protein synthesis and in RNA poly A+ population after treatment of Dictyostelium amoebae by 5-bromo-2'-deoxyuridine. Scrive-Menahem M, et al. **Biol Cell** 1984;52(3):231-42

Macromolecular syntheses in the cell cycle mutant cdc25 of budding yeast. Martegani E, et al. **Eur J Biochem** 1984 Oct 15;144(2):205-10

Effects of zinc on stationary-phase phenotype and macromolecular synthesis accompanying outgrowth of Candida albicans. Anderson JM, et al. **Infect Immun** 1984 Oct;46(1):13-21

Inhibition of ribosomal RNA synthesis in yeast by ionizing radiations. Weber K, et al. **Int J Radiat Biol** 1984 Dec; 46(6):691-702

Seminalplasmin, an antimicrobial protein from bull seminal plasma, inhibits growth, and synthesis of nucleic acids and proteins in S. cerevisiae. Scheit KH, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):463-71

[Enzymatic synthesis of tRNA fragments] Zhenodarova SM, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1181-93 (74 ref.) (Eng. Abstr.) **(Rus)**

GENETICS

Concerted evolution of tRNA genes: intergenic conversion among three unlinked serine tRNA genes in S. pombe. Amstutz H, et al. **Cell** 1985 Apr;40(4):879-86

Ty elements transpose through an RNA intermediate. Boeke JD, et al. **Cell** 1985 Mar;40(3):491-500

A point mutation in the conserved hexanucleotide at a yeast 5' splice junction uncouples recognition, cleavage, and ligation. Parker R, et al. **Cell** 1985 May;41(1):107-18

Self-splicing of yeast mitochondrial ribosomal and messenger RNA precursors. van der Horst G, et al. **Cell** 1985 Apr; 40(4):759-66

Interallelic and intergenic conversion in three serine tRNA genes of Schizosaccharomyces pombe. Kohli J, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:31-40

Cloning of the RNA2 gene of Saccharomyces cerevisiae. Lee MG, et al. **EMBO J** 1984 Dec 1;3(12):2825-30

Isolation and characterization of the RNA2+, RNA4+, and RNA11+ genes of Saccharomyces cerevisiae. Soltyk A, et al. **J Bacteriol** 1984 Dec;160(3):1093-100

Structure of a precursor to the yeast mitochondrial tRNAMetf. Implications for the function of the tRNA synthesis locus. Martin NC, et al. **J Biol Chem** 1985 Feb 10;260(3):1479-83

Transcription of tRNA gene fragments by HeLa cell extracts. Johnson JD, et al. **MGG** 1984;197(1):55-61

Isolation and characterization of the RNA2, RNA3, and RNA11 genes of Saccharomyces cerevisiae. Last RL, et al. **Mol Cell Biol** 1984 Nov;4(11):2396-405

Expression and characterization of ras mRNAs from Saccharomyces cerevisiae. Temeles GL, et al. **Mol Cell Biol** 1984 Nov;4(11):2298-305

Transfer RNA splicing in Saccharomyces cerevisiae: defining the substrates. Ogden RC, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9367-82

The 'spliceosome': yeast pre-messenger RNA associates with a 40S complex in a splicing-dependent reaction. Brody E, et al. **Science** 1985 May 24;228(4702):963-7

ISOLATION & PURIFICATION

A method for isolation of cytoplasmic RNA from a slime mold, Physarum polycephalum. Wiśniewski J, et al. **Anal Biochem** 1985 Jul;148(1):245-8

Yeast mitochondria contain a linear RNA strand complementary to the circular intronic bI1 RNA of cytochrome b. Halbreich A, et al. **Eur J Biochem** 1984 Oct 15;144(2):261-9

Heterogeneity of 5S RNA in fungal ribosomes. Selker EU, et al. **Science** 1985 Mar 15;227(4692):1340-3

[Natural interferon inducers: double-stranded RNA of killer plasmids of Saccharomyces cerevisiae] Duzhak AB, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):19-21 (Eng. Abstr.) **(Rus)**

METABOLISM

A theoretical study of the effect of structural variations on the biochemical reactivity of yeast tRNAPhe and yeast tRNAAsp. Furois-Corbin S, et al. **Biophys Chem** 1985 Jan; 22(1-2):1-10

Molecular consequences of specific intron mutations on yeast mRNA splicing in vivo and in vitro. Newman AJ, et al. **Cell** 1985 Aug;42(1):335-44

mRNA splicing efficiency in yeast and the contribution of nonconserved sequences. Pikielny CW, et al. **Cell** 1985 May;41(1):119-26

RNA processing in Neurospora crassa mitochondria: use of transfer RNA sequences as signals. Breitenberger CA, et al. **EMBO J** 1985 Jan;4(1):185-95

RNA processing in Neurospora crassa mitochondria: transfer RNAs punctuate a large precursor transcript. Burger G, et al. **EMBO J** 1985 Jan;4(1):197-204

Identification of yeast 60 S ribosomal proteins crosslinked to rRNA by 2-iminothiolane. el-Baradi TT, et al. **FEBS Lett** 1985 Jul 1;186(1):26-30

An antisuppressor mutant of Saccharomyces cerevisiae deficient in isopentenylated tRNA has reduced delta 2-isopentenylpyrophosphate: tRNA-delta 2-isopentenyl transferase activity. Laten HM, et al. **FEBS Lett** 1985 Jan 7;179(2):307-10

Anticodon-anticodon interactions in solution. Studies of the self-association of yeast or Escherichia coli tRNAAsp and of their interactions with Escherichia coli tRNAVal. Romby P, et al. **J Mol Biol** 1985 Jul 5;184(1):107-118

Organization and processing of the mitochondrial oxi3/oli2 multigenic transcript in yeast. Simon M, et al. **MGG** 1984 196(2):266-74

[Nutritive value of dietary ribonucleic acid and its nucleosides in growing rats on a diet deficient in nonessential amino acid nitrogen. 2. Effect of yeast RNA on body composition and weight gain and nitrogen metabolism] Greife HA, et al. **Zentralbl Veterinarmed [A]** 1984 Jul;31(6):454-66 (Eng Abstr.) (Ger

PHARMACODYNAMICS

[Interferon-inducing and antiviral activity of dsRNA of yeast origin] Nosik NN, et al. **Vopr Virusol** 1984 Nov-Dec 29(6):718-20 (Eng. Abstr.) **(Rus**

RADIATION EFFECTS

Directly photocrosslinked nucleotides joining transfer RNA to aminoacyl-tRNA synthetase in methionine and tyrosine systems. Ackerman EJ, et al. **J Mol Biol** 1985 Jan 5 181(1):93-102

THERAPEUTIC USE

[Use of sodium nucleinate and its combinations with bacterial polysaccharides for preventing the nephrotoxic action of aminoglycoside antibiotics] Salakaia RG, et al. **Antibiotiki** 1984 Jul;29(7):507-9 (Eng. Abstr.) **(Rus)**

[Antitumor activity of Ca-double-stranded RNA from sodium nucleinate] Zakharian RA, et al. **Eksp Onkol** 1985; 7(3):54-6 (Eng. Abstr.) **(Rus)**

[Correction of secondary immunologic deficiency by using yeast RNA] Zemskov AM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):77-82 (Eng. Abstr.) **(Rus)**

RNA, HETEROGENEOUS NUCLEAR

General organization of protein in HeLa 40S nuclear ribonucleoprotein particles. Lothstein L, et al. **J Cell Biol** 1985 May;100(5):1570-81

ANALYSIS

Preferential nuclease digestion of the non-messenger sequences of HnRNA upon micrococcal nuclease digestion of HnRNP particles. Pironcheva GL, et al. **Microbios** 1984; 41(164):91-6

GENETICS

Transcription of similar sets of rare maternal RNAs and rare nuclear RNAs in sea urchin blastulae and adult coelomocytes. Kleene KC, et al. **J Embryol Exp Morphol** 1985 Feb;85:131-49

The role of HnRNA in the control of ribosomal gene transcription. Sekeris CE. **J Theor Biol** 1985 Jun 21; 114(4):601-4

Cloning of cDNA sequences for an Artemia salina hnRNP protein: evidence for conservation through evolution. Cruz-Alvarez M, et al. **Nucleic Acids Res** 1985 Jun 11; 13(11):3917-30

ISOLATION & PURIFICATION

Isolation and characterization of nuclear particles containing rapidly labelled hnRNA and snRNA in combination with a distinct set of polypeptides of Mr 74000 and 72000. Hatzoglou M, et al. **Exp Cell Res** 1985 Mar;157(1):227-41

METABOLISM

Decrease in the phosphorylation of the proteins associated with heterogeneous nuclear RNA after the application of 3'-methyl-4-dimethylaminoazobenzene. Ramagli LS, et al. **Chem Biol Interact** 1984 Nov;52(1):51-66

Transport and metabolism of adenosine in relation to the transcriptional activity of hnRNA genes in Chironomus salivary gland cells. Holst M, et al. **Eur J Biochem** 1985 Mar 15;147(3):631-6

Evidence for age-dependent impairment of ovalbumin heterogeneous nuclear RNA (HnRNA) processing in hen oviduct. Schröder HC, et al. **Mech Ageing Dev** 1985 May 31;30(3):319-24

Interactions of U1 RNP with heterogeneous nuclear RNA in rat Novikoff hepatoma nuclei. Harmon FR, et al. **Mol Cell Biochem** 1984 Nov;65(1):45-55

Specific regions of beta-globin RNA are resistant to nuclease digestion in RNA-protein complexes in chicken reticulocyte nuclei. Patton JR, et al. **Mol Cell Biol** 1985 Jun;5(6):1220-8

RNA, MESSENGER

Non-random patterns of nucleotide substitutions and codon strategy in the mammalian mitochondrial genes coding for identified and unidentified reading frames. Pepe G, et al. **Biochem Int** 1983 Apr;6(4):553-63

Convicilin mRNA from pea (Pisum sativum L.) has sequence homology with other legume 7S storage protein mRNA species. Casey R, et al. **Biochem J** 1984 Dec 1;224(2):661-6

Construction and identification of a cDNA clone for human type II procollagen mRNA. Elima K, et al. **Biochem J** 1985 Jul 1;229(1):183-8

Nucleotide sequence determination of guinea-pig casein B mRNA reveals homology with bovine and rat alpha s1 caseins and conservation of the non-coding regions of the mRNA. Hall L, et al. **Biochem J** 1984 Sep 15;222(3):561-70

The origins of the strategy of codon use. Hénaut A, et al. **Biochimie** 1985 May;67(5):475-83

The missense errors in protein can be controlled by selective synonymous codon usage at the level of transcription. Konopka AK, et al. **Biochimie** 1985 May;67(5):469-73

alpha-Thalassaemia associated with the deletion of two nucleotides at position -2 and -3 preceding the AUG codon. Morlé F, et al. **EMBO J** 1985 May;4(5):1245-50

Yeast tRNAAsp: codon and wobble codon-anticodon interactions. A transferred nuclear Overhauser enhancement study. Gronenborn AM, et al. **Eur J Biochem** 1984 Dec 3;145(2):359-64

Nucleotide sequence of the gene for the immunity protein to colicin A. Analysis of codon usage of immunity proteins as compared to colicins. Lloubes RP, et al. **Eur J Biochem** 1984 Oct 1;144(1):73-8

Sequence of the 5'-end quarter of the human-thyroglobulin messenger ribonucleic acid and of its deduced amino-acid sequence. Malthiéry Y, et al. **Eur J Biochem** 1985 Feb 15; 147(1):53-8

Characterisation of rat 9-kDa cholecalcin (CaBP) messenger RNA using a complementary DNA. Absence of homology with 28-kDa cholecalcin mRNA. Perret C, et al. **Eur J Biochem** 1985 Apr 1;148(1):61-6

Nucleotide sequence divergence and functional constraint in VIP precursor mRNA evolution between human and rat. Nishizawa M, et al. **FEBS Lett** 1985 Apr 8;183(1):55-9

Mutations that convert the four leucine codons of the Salmonella typhimurium leu leader to four threonine codons. Carter PW, et al. **J Bacteriol** 1985 Jun;162(3):943-9

Interaction of UAG suppressors and omnipotent suppressors in Saccharomyces cerevisiae. Song JM, et al. **J Bacteriol** 1985 Feb;161(2):778-80

Messenger RNA structure participating in the initiation of synthesis of cucumber mosaic virus coat protein. Hidaka S, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):161-71

An alternative approach to deoxyoligonucleotides as hybridization probes by insertion of deoxyinosine at ambiguous codon positions. Ohtsuka E, et al. **J Biol Chem** 1985 Mar 10;260(5):2605-8

A human opal suppressor tRNA gene and pseudogene. O'Neill VA, et al. **J Biol Chem** 1985 Feb 25;260(4):2501-8

Configuration of beta-globin messenger RNA in rabbit reticulocytes. Identification of sites exposed to endogenous and exogenous nucleases. Albrecht G, et al. **J Mol Biol** 1984 Oct 5;178(4):881-96

The 5' ends of Escherichia coli lac mRNA. Cannistraro VJ, et al. **J Mol Biol** 1985 Mar 20;182(2):241-8

Sense codons are found in specific contexts. Yarus M, et al. **J Mol Biol** 1985 Apr 20;182(4):529-40

Interaction of silent and replacement changes in eukaryotic coding sequences. Lipman DJ, et al. **J Mol Evol** 1984-85; 21(2):161-7

Selection pressures on codon usage in the complete genome of bacteriophage T7. Sharp PM, et al. **J Mol Evol** 1984-85; 21(2):150-60

Codon equilibrium II: Its use in estimating silent-substitution rates. Wilbur WJ. **J Mol Evol** 1984-85;21(2):182-91

Codon equilibrium I: Testing for homogeneous equilibrium. Wilbur WJ. **J Mol Evol** 1984-85;21(2):169-81

Codon recognition during frameshift suppression in Saccharomyces cerevisiae. Gaber RF, et al. **Mol Cell Biol** 1984 Oct;4(10):2052-61

Mutation of a termination codon affects src initiation. Hughes S, et al. **Mol Cell Biol** 1984 Sep;4(9):1738-46

Saccharomyces cerevisiae ribosomes recognize non-AUG initiation codons. Zitomer RS, et al. **Mol Cell Biol** 1984 Jul;4(7):1191-7

Biological properties of human c-Ha-ras1 genes mutated at codon 12. Seeburg PH, et al. **Nature** 1984 Nov 1-7; 312(5989):71-5

Codon-defined ribosomal pausing in Escherichia coli detected by using the pyrE attenuator to probe the coupling between transcription and translation. Bonekamp F, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):4113-23

Three different mutations in codon 61 of the human N-ras gene detected by synthetic oligonucleotide hybridization. Bos JL, et al. **Nucleic Acids Res** 1984 Dec 11; 12(23):9155-63

Mechanism of codon recognition by transfer RNA studied with oligonucleotides larger than triplets. Labuda D, et al. **Nucleic Acids Res** 1985 May 24;13(10):3667-83

A method for measuring the non-random bias of a codon usage table. McLachlan AD, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9567-75

Sequence and codon recognition of bean mitochondria and chloroplast tRNAsTrp: evidence for a high degree of homology. Maréchal L, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4411-6

Preferential use of A- and U-rich codons for Mycoplasma capricolum ribosomal proteins S8 and L6. Muto A, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8209-17

Nucleotide sequence of a 1.1 kb fragment of the pea chloroplast genome containing three tRNA genes, one of which is located within an open reading frame of 91 codons. Rasmussen OF, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):9143-53

Codon usage can affect efficiency of translation of genes in Escherichia coli. Robinson M, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6663-71

Deletion of C-terminal amino acid codons of PhiX174 gene E: effect on its lysis inducing properties. Schüller A, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):4143-53

Initiator tRNA may recognize more than the initiation codon in mRNA: a model for translational initiation. Ganoza MC, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4587-91

Tetrahymena thermophila glutamine tRNA and its gene that corresponds to UAA termination codon. Kuchino Y, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4758-62

Fusion protein of the paramyxovirus simian virus 5: nucleotide sequence of mRNA predicts a highly hydrophobic glycoprotein. Paterson RG, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6706-10

Molecular mechanism of codon recognition by tRNA species with modified uridine in the first position of the anticodon. Yokoyama S, et al. **Proc Natl Acad Sci USA** 1985 Aug; 82(15):4905-9

Novel codon utilization within the vaccinia virus thymidine kinase gene. Hruby DE, et al. **Virus Res** 1984;1(4):315-20

[The basis of high-fidelity translation] El'skaia AV, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1163-80 (170 ref.) (Eng. Abstr.) **(Rus)**

[Analysis of the primary structure of mRNA from Escherichia coli: occurrence of nucleotides on the 3'-side of the codon] Shpaer EG. **Mol Biol (Mosk)** 1985 May-Jun; 19(3):791-9 (Eng. Abstr.) **(Rus)**

ANALYSIS

Detection of renin mRNA in mouse testis by hybridization with renin cDNA probe. Pandey KN, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):662-7

Afrikander cattle congenital goiter: size heterogeneity in thyroglobulin mRNA. Ricketts MH, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):240-6

Coordinate regulation of histone mRNAs during growth and differentiation of rat myoblasts. Bird RC, et al. **Biochim Biophys Acta** 1985 Mar 20;824(3):209-17

Comparison of the crystallin mRNA populations from rat, calf and duck lens. Evidence for a longer alpha A2-mRNA and two distinct alpha B2-mRNAs in the birds. Dodemont H, et al. **Biochim Biophys Acta** 1985 Apr 19;824(4):284-94

Some properties of IgG against diphtheria toxin synthesized in Xenopus oocytes containing mRNA from hybridoma. Hara Y, et al. **Biochim Biophys Acta** 1985 Jun 24; 825(2):188-98

Changes in the sequence content of albumin mRNA and in its translational activity in the rat liver with age. Horbach GJ, et al. **Biochim Biophys Acta** 1984 Oct 5;783(1):60-6

Complete sequence of one of the mRNAs coding for the small subunit of ribulose bisphosphate carboxylase of Nicotiana sylvestris. Pinck M, et al. **Biochimie** 1984 Jul-Aug;66(7-8):539-45

Localization of the initiation of translation in messenger RNAs of prokaryotes by learning techniques. Rodier F, et al. **Biochimie** 1985 May;67(5):533-9

Trans-synaptic increase in RNA coding for tyrosine hydroxylase in a rat sympathetic ganglion. Black IB, et al. **Brain Res** 1985 Jul 22;339(1):151-3

Detection of messenger RNAs of alpha-fetoprotein and albumin in a human hepatoma cell line by in situ hybridization. Breborowicz J, et al. **Cancer Res** 1985 Apr; 45(4):1730-6

Effect of sodium butyrate on alpha-fetoprotein gene expression in rat hepatoma cells in vitro. Cook JR, et al. **Cancer Res** 1985 Jul;45(7):3215-9

Characterization and measurement of metallothionein messenger RNA of C57BL mouse liver. Koizumi S, et al. **Chem Biol Interact** 1985 Jun;54(1):33-43

Presence of translatable mRNA for pro alpha 2(I) chains in fibroblasts from a patient with osteogenesis imperfecta whose type I collagen does not contain alpha 2(I) chains. Chu ML, et al. **Coll Relat Res** 1984 Oct;4(5):389-94

The spatial distribution of maternal mRNA is determined by a cortical cytoskeletal domain in Chaetopterus eggs. Jeffery WR. **Dev Biol** 1985 Jul;110(1):217-29

Polyadenylation state of abundant mRNAs during Drosophila development. Winkles JA, et al. **Dev Biol** 1985 Jul;110(1):259-63

Levels of nerve growth factor and its mRNA in the central nervous system of the rat correlate with cholinergic innervation. Korsching S, et al. **EMBO J** 1985 Jun; 4(6):1389-93

Quantitation of proenkephalin A messenger RNA in bovine brain, pituitary and adrenal medulla: correlation between mRNA and peptide levels. Pittius CW, et al. **EMBO J** 1985 May;4(5):1257-60

Separate fractions of mRNA from Torpedo electric organ induce chloride channels and acetylcholine receptors in Xenopus oocytes. Sumikawa K, et al. **EMBO J** 1984 Oct; 3(10):2291-4

Hepatic messenger ribonucleic acid activity profile of rats subjected to alterations in thyroidal and adrenocortical states: evidence for significant interaction. Beyer HS, et al. **Endocrinology** 1985 Jun;116(6):2669-76

Rapid simultaneous measurement of rat alpha- and thyrotropin (TSH) beta-subunit messenger ribonucleic acids (mRNAs) by solution hybridization: regulation of TSH subunit mRNAs by thyroid hormones. Carr FE, et al. **Endocrinology** 1985 Sep;117(3):1272-8

Studies of the regulation of mouse renin genes by measurement of renin messenger ribonucleic acid. Catanzaro DF, et al. **Endocrinology** 1985 Sep;117(3):872-8

Localization of arginine vasopressin-neurophysin II messenger ribonucleic acid in the hypothalamus of control and Brattleboro rats by hybridization histochemistry with a synthetic pentadecamer oligonucleotide probe. Fuller PJ, et al. **Endocrinology** 1985 Jun;116(6):2366-8

Pituitary alpha-subunit messenger ribonucleic acid remains elevated during the latter stages of the preovulatory luteinizing hormone surge. Landefeld T, et al. **Endocrinology** 1985 Sep;117(3):934-8

Identification of a messenger ribonucleic acid fraction in human prostatic cancer cells coding for a novel osteoblast-stimulating factor. Simpson E, et al. **Endocrinology** 1985 Oct;117(4):1615-20

Initiation factor eIF2 associated with non-polysomal poly(A)-containing messenger ribonucleoproteins of cryptobiotic gastrulae of Artemia salina. de Herdt E, et al. **Eur J Biochem** 1985 Sep 16;151(3):455-60

Modifications of the expression of liver-specific and non-specific messenger RNAs during azo-dye hepatocarcinogenesis. Lamas E, et al. **Eur J Biochem** 1985 Jul 15;150(2):395-9

Induction of human interleukin 1 mRNA measured by collagenase- and prostaglandin E2-stimulating activity in rheumatoid synovial cells. Dayer JM, et al. **Eur J Immunol** 1984 Oct;14(10):898–901

Regional distribution of polyadenylated mRNA in Xenopus laevis embryos. De Bernardi F. **Exp Cell Biol** 1984; 52(5):333–8

In situ localization of actin mRNA in Dictyostelium discoideum aggregates. Barklis E, et al. **Exp Cell Res** 1985 Aug;159(2):479–86

Structure of the pX protein deduced from the nucleotide sequence of a cDNA clone of pX mRNA in cells infected with human T-cell leukemia virus type I. Shimotohno K, et al. **Gann** 1985 Apr;76(4):241–4

Influence of androgen on translatable renin mRNA in the mouse submandibular gland. Pratt RE, et al. **Hypertension** 1984 Sep–Oct;6(5):605–13

Effects of light, oxygen, and substrates on steady-state levels of mRNA coding for ribulose-1,5-bisphosphate carboxylase and light-harvesting and reaction center polypeptides in Rhodopseudomonas sphaeroides. Zhu YS, et al. **J Bacteriol** 1985 Jun;162(3):925–32

Isolating and sequencing the predominant 5'-ends of a specific mRNA in cells. II. End-labeling and sequencing. Cannistraro VJ, et al. **J Biochem Biophys Methods** 1985 Aug;11(2–3):163–75

Detection of beta-globin mRNA precursor in heterogeneous nuclear ribonucleoprotein associated with U1-RNP by using anti-RNP antibody. Wagatsuma M, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1727–35

Multiexon deletion in an osteogenesis imperfecta variant with increased type III collagen mRNA. Chu ML, et al. **J Biol Chem** 1985 Jan 25;260(2):691–4

Genetic expression in partial adenosine deaminase deficiency. mRNA levels and protein turnover for the enzyme variants in human B-lymphoblast cell lines. Daddona PE, et al. **J Biol Chem** 1985 Mar 25;260(6):3875–80

Molecular cloning of DNA sequences complementary to rat liver glucose-6-phosphate dehydrogenase mRNA. Nutritional regulation of mRNA levels. Kletzien RF, et al. **J Biol Chem** 1985 May 10;260(9):5621–4

Isolation of human fibroblast catalase cDNA clones. Sequence of clones derived from spliced and unspliced mRNA. Korneluk RG, et al. **J Biol Chem** 1984 Nov 25; 259(22):13819–23

Nucleotide sequence of mouse prolactin and growth hormone mRNAs and expression of these mRNAs during pregnancy. Linzer DI, et al. **J Biol Chem** 1985 Aug 15;260(17):9574–9

The rabbit progesterone receptor. Evidence for a single steroid-binding subunit and characterization of receptor mRNA. Loosfelt H, et al. **J Biol Chem** 1984 Nov 25; 259(22):14196–202

Translational control of the circadian rhythm of liver sterol carrier protein. Analysis of mRNA sequences with a specific cDNA probe. McGuire DM, et al. **J Biol Chem** 1985 May 10;260(9):5435–9

Quantitation of apolipoprotein E mRNA in the liver and peripheral tissues of nonhuman primates. Newman TC, et al. **J Biol Chem** 1985 Feb 25;260(4):2452–7

Secondary structure analysis of apolipoprotein II mRNA using enzymatic probes and reverse transcriptase. Evaluation of primer extension for high resolution structure mapping of mRNA. Shelness GS, et al. **J Biol Chem** 1985 Jul 15;260(14):8637–46

Rat liver glutathione S-transferases. Construction of a cDNA clone complementary to a Yc mRNA and prediction of the complete amino acid sequence of a Yc subunit. Telakowski-Hopkins CA, et al. **J Biol Chem** 1985 May 10;260(9):5820–5

Rat brain preproenkephalin mRNA. cDNA cloning, primary structure, and distribution in the central nervous system. Yoshikawa K, et al. **J Biol Chem** 1984 Nov 25; 259(22):14301–8

In situ hybridization of putative somatostatin mRNA within hypothalamus of the rat using synthetic oligonucleotide probes. Arentzen R, et al. **J Cell Biochem** 1985;27(4):415–22

Vasopressin-neurophysin II gene expression in the ovary: studies in Sprague-Dawley, Long-Evans and Brattleboro rats. Fuller PJ, et al. **J Endocrinol** 1985 Jun;105(3):317–21

Immunocytochemical mapping of 1B236, a brain-specific neuronal polypeptide deduced from the sequence of a cloned mRNA. Bloom FE, et al. **J Neurosci** 1985 Jul; 5(7):1781–802

Three intergenic regions of coronavirus mouse hepatitis virus strain A59 genome RNA contain a common nucleotide sequence that is homologous to the 3' end of the viral mRNA leader sequence. Budzilowicz CJ, et al. **J Virol** 1985 Mar;53(3):834–40

Cloning and nucleotide sequences of cDNAs spanning the splice junctions of Rous sarcoma virus mRNAs. Chang LJ, et al. **J Virol** 1985 Mar;53(3):969–72

Fine structure of the cottontail rabbit papillomavirus mRNAs expressed in the transplantable VX2 carcinoma. Danos O, et al. **J Virol** 1985 Mar;53(3):735–41

The pX region of the bovine leukemia virus is transcribed as a 2.1-kilobase mRNA. Mamoun RZ, et al. **J Virol** 1985 May;54(2):625–9

Construction and use of cDNA clones for the mapping and identification of Epstein-Barr virus early P3HR-1 mRNAs. Manet E, et al. **J Virol** 1985 May;54(2):608–14

Characterization of a variant virus selected in rat brains after infection by coronavirus mouse hepatitis virus JHM. Taguchi F, et al. **J Virol** 1985 May;54(2):429–35

Organization of early region 1B of human adenovirus type 2: identification of four differentially spliced mRNAs. Virtanen A, et al. **J Virol** 1985 May;54(2):383–91

Detection of phenylalanine hydroxylase messenger RNA in liver biopsy samples from patients with phenylketonuria [letter] DiLella AG, et al. **Lancet** 1985 Jan 19;1(8421):160–1

Measurement of mRNA concentration and mRNA half-life as a function of hormonal treatment. Rodgers JR, et al. **Methods Enzymol** 1985;109:572–92

Introns excised from immunoglobulin pre-mRNAs exist as discrete species. Coleclough C, et al. **Mol Cell Biol** 1984 Oct;4(10):2017–22

Intracisternal A-particle gene expression in normal mouse thymus tissue: gene products and strain-related variability. Kuff EL, et al. **Mol Cell Biol** 1985 Mar;5(3):474–83

RNA sequence containing hexanucleotide AAUAAA directs efficient mRNA polyadenylation in vitro. Manley JL, et al. **Mol Cell Biol** 1985 Feb;5(2):373–9

Abundant nuclear ribonucleoprotein form of CAD RNA. Sperling R, et al. **Mol Cell Biol** 1985 Mar;5(3):569–75

Comparisons of human placental lactogen mRNA levels from placentas of diabetics and normal term. Mills NC, et al. **Mol Cell Endocrinol** 1985 Jan;39(1):61–9

Demonstration in multiple species of inducible hepatic cytochromes P-450 and their mRNAs related to the glucocorticoid-inducible cytochrome P-450 of the rat. Wrighton SA, et al. **Mol Pharmacol** 1985 Sep;28(3):312–21

Characterization of the branch site in lariat RNAs produced by splicing of mRNA precursors. Konarska MM, et al. **Nature** 1985 Feb 14–20;313(6003):552–7

gamma-Aminobutyric acid decreases levels of messenger ribonucleic acid encoding prolactin in the rat pituitary. Loeffler JP, et al. **Neurosci Lett** 1985 Jan 7;53(1):121–5

Subcellular localization of RNAs in transfected cells: role of sequences at the 5' terminus. Alfonso-Pizarro A, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8363–80

Cloning and sequence analysis of an Ig lambda light chain mRNA expressed in the Burkitt's lymphoma cell line EB4. Anderson ML, et al. **Nucleic Acids Res** 1985 Apr 25; 13(8):2931–41

The structure and evolution of a 461 amino acid human protein C precursor and its messenger RNA, based upon the DNA sequence of cloned human liver cDNAs. Beckmann RJ, et al. **Nucleic Acids Res** 1985 Jul 25; 13(14):5233–47

Respiratory syncytial virus fusion glycoprotein: nucleotide sequence of mRNA, identification of cleavage activation site and amino acid sequence of N-terminus of F1 subunit. Elango N, et al. **Nucleic Acids Res** 1985 Mar 11; 13(5):1559–74

Various rat adult tissues express only one major mRNA species from the glyceraldehyde-3-phosphate-dehydrogenase multigenic family. Fort P, et al. **Nucleic Acids Res** 1985 Mar 11; 13(5):1431–42

Quantitative hybridization-arrest of mRNA in Xenopus oocytes using single-stranded complementary DNA or oligonucleotide probes. Kawasaki ES. **Nucleic Acids Res** 1985 Jul 11;13(13):4991–5004

Intron splicing: a conserved internal signal in introns of Drosophila pre-mRNAs. Keller EB, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4971–81

Prediction of splice junctions in mRNA sequences. Nakata K, et al. **Nucleic Acids Res** 1985 Jul 25;13(14):5327–40

Isolation and sequence of cDNA clones coding for a member of the family of high mobility group proteins (HMG-T) in trout and analysis of HMG-T-mRNA's in trout tissues. Pentecost BT, et al. **Nucleic Acids Res** 1985 Jul 11; 13(13):4871–88

Detailed analysis of the mRNAs mapping in the short unique region of herpes simplex virus type 1. Rixon FJ, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):953–73

Human aldolase isozyme gene: the structure of multispecies aldolase B mRNAs. Sakakibara M, et al. **Nucleic Acids Res** 1985 Jul 25;13(14):5055–69

Rat alpha 1-fetoprotein messenger RNA: 5'-end sequence and glucocorticoid-suppressed liver transcription in an improved nuclear run-off assay. Turcotte B, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2387–98

Highly conserved sequences in the 3' untranslated region of mRNAs coding for homologous proteins in distantly related species. Yaffe D, et al. **Nucleic Acids Res** 1985 May 24;13(10):3723–37

Liver mRNA probes disclose two cytochrome P-450 genes duplicated in tandem with the complement C4 loci of the mouse H-2S region. Amor M, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4453–7

Complete coding sequence of rat tyrosine hydroxylase mRNA. Grima B, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):617–21

Identification of proliferin mRNA and protein in mouse placenta. Linzer DI, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4356–9

Detection of the messenger RNA coding for preproenkephalin A in bovine adrenal by in situ hybridization. Bloch B, et al. **Regul Pept** 1984 Jul; 8(4):345–54

Expression in brain of a messenger RNA encoding a novel neuropeptide homologous to calcitonin gene-related peptide. Amara SG, et al. **Science** 1985 Sep 13; 229(4718):1094–7

Characterization of the messenger RNA population coding for components of viperid snake venom. Vandenplas ML, et al. **Toxicon** 1985;23(2):289–305

[A comparative study on the characterization of IFN gene expression of 2 human cell lines with different IFN-inducing abilities] Lin JX, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Aug; 6(4):244–8 (Eng. Abstr.) (Chi)

[Characterization of total RNA, messenger poly(A)+ RNA and homologous complementary DNA in experimental cardiac hypertrophy] Moalic JM, et al. **Arch Mal Coeur** 1984 Oct;77(11):1155–7 (Eng. Abstr.) (Fre)

[Histochemical localization of messenger RNA coding for tyrosine hydroxylase: in situ hybridization with a single-stranded cDNA probe] Berod A, et al. **C R Acad Sci [III]** 1984;299(12):495–8 (Eng. Abstr.) (Fre)

[Localization of initiating codons in RNA prokaryotes messengers by learning technics] Rodier F, et al. **C R Acad Sci [III]** 1985;300(9):377–80 (Eng. Abstr.) (Fre)

[Hybridization of low molecular weight nuclear RNA with pre-mRNA from erythroid bone marrow cells and rabbit mRNA] Kavsan VM, et al. **Biokhimiia** 1985 Apr; 50(4):613–9 (Eng. Abstr.) (Rus)

[Comparison of cytoplasmic informosome proteins with RNA-binding proteins and translation initiation factors from rabbit reticulocytes.] Minich VB, et al. **Biokhimiia** 1985 Mar;50(3):465–74 (Eng. Abstr.) (Rus)

[Analysis of polypeptides of virus-specific informosomes induced by tobacco mosaic virus and potato virus X] Dorokhov IuL, et al. **Mol Biol (Mosk)** 1984 Jul-Aug; 18(4):1001–10 (Eng. Abstr.) (Rus)

BIOSYNTHESIS

Control of transferrin mRNA synthesis in Sertoli cells. Huggenvik J, et al. **Ann NY Acad Sci** 1984;438:1–7

cDNA cloning of mRNAS which increase rapidly in human lymphocytes cultured with concanavalin-A and cycloheximide. Forsdyke DR. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):619–25

Induction of rat liver angiotensinogen mRNA following acute inflammation. Kageyama R, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):826–32

Characterization and metabolic regulation of a liver-specific 5.4-kilobase mRNA whose synthesis is transcriptionally induced by carbohydrates and repressed by glucagon and cyclic AMP. Pichard AL, et al. **Biochem J** 1985 Mar 15; 226(3):637–44

Induction of metallothionein mRNA in rat liver and kidney after copper chloride injection. Wake SA, et al. **Biochem J** 1985 Jun 1;228(2):425–32

Correlation in isolated nuclei of template-engaged RNA polymerase II, ovalbumin mRNA synthesis, and estrogen receptor concentrations. Taylor RN, et al. **Biochemistry** 1985 Mar 12;24(6):1275–80

Molecular probes for the development and plasticity of neural crest derivatives. Anderson DJ, et al. **Cell** 1985 Sep; 42(2):649–62

The role of RNA priming in viral and trypanosomal mRNA synthesis. Krug RM. **Cell** 1985 Jul;41(3):651–2 (16 ref.)

Macromolecular synthesis in cells infected by frog virus 3. Willis DB, et al. **Curr Top Microbiol Immunol** 1985; 116:77–106 (109 ref.)

Histone messenger RNA synthesis and accumulation during early development in the echiuroid worm, Urechis caupo. Franks RR, et al. **Dev Biol** 1985 May;109(1):118–26

The role of RNA polymerase initiation and elongation in control of total RNA and histone mRNA synthesis in sea urchin embryos. Uzman JA, et al. **Dev Biol** 1984 Nov; 106(1):174–80

Discontinuous synthesis of mRNA in trypanosomes. Kooter JM, et al. **EMBO J** 1984 Oct;3(10):2387–92

Chicken egg white genes: multihormonal regulation in a primary cell culture system. Sanders MM, et al. **Endocrinology** 1985 Jan;116(1):398–405

Identification and quantification of a messenger ribonucleic acid induced by polynuclear aromatic hydrocarbons—using a cloned human cytochrome P-450 gene. Kato T, et al. **Eur J Biochem** 1985 Sep 16;151(3):489–95

Induction of cytochrome P-450b,e-type isozymes by polychlorinated biphenyls in rat liver. Molecular cloning of induced mRNAs. Scholte BJ, et al. **Eur J Biochem** 1985 Aug 15;151(1):67–73

Modulation of early mRNA synthesis in lectin-induced lymphocyte activation—an association with a possible factor. Okai Y. **Immunol Lett** 1984;8(5):267–71

Evidence that the 5' end of lac mRNA starts to decay as soon as it is synthesized. Cannistraro VJ, et al. **J Bacteriol** 1985 Feb;161(2):820–2

Control of Klebsiella pneumoniae nif mRNA synthesis. Collins JJ, et al. **J Bacteriol** 1985 Jun;162(3):1186–90

Correlation between nuclear histone acetylation and casein messenger RNA induction in the mammary gland. Hirose M, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):781–9

Rapid regulation of L-type pyruvate kinase mRNA by fructose in diabetic rat liver. Inoue H, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1457–62

Markedly decreased expression of class I histocompatibility antigens, protein, and mRNA in human small-cell lung cancer. Doyle A, et al. **J Exp Med** 1985 May 1; 161(5):1135–51

Stimulation of lymphokine release from T lymphoblasts. Requirement for mRNA synthesis and inhibition by cyclosporin A. Granelli-Piperno A, et al. **J Exp Med** 1984 Dec 1;160(6):1792–802

Evidence that IFN-alph/beta induces two antiviral states active against different viruses. Rose JM, et al. **J Gen Virol** 1985 May;66 (Pt 5):1153–8

Tissue-specific pretranslational regulation of complement production in human mononuclear phagocytes. Cole FS, et al. **J Immunol** 1985 Apr;134(4):2610–6

Coordinate induction of Ia alpha, beta, and Ii mRNA in a macrophage cell line. Paulnock-King D, et al. **J Immunol** 1985 Jul;135(1):632–6

Interaction of RNA polymerase with lacUV5 promoter DNA during mRNA initiation and elongation. Footprinting, methylation, and rifampicin-sensitivity changes accompanying transcription initiation. Carpousis AJ, et al. **J Mol Biol** 1985 May 25;183(2):165–77

Analysis of mRNA synthesis following induction of the Escherichia coli SOS system. Markham BE, et al. **J Mol Biol** 1984 Sep 15;178(2):237–48

Rapid induction of specific mRNAs by auxin in pea epicotyl tissue. Theologis A, et al. **J Mol Biol** 1985 May 5; 183(1):53–68

Temporal expression of mouse glial fibrillary acidic protein mRNA studied by a rapid in situ hybridization procedure. Lewis SA, et al. **J Neurochem** 1985 Sep;45(3):913–9

Inhibition of viral mRNA translation in interferon-treated L cells infected with reovirus. De Benedetti A, et al. **J Virol** 1985 Sep;55(3):588–93

Analyses of the mRNA transcription processes of snowshoe hare bunyavirus S and M RNA species. Eshita Y, et al. **J Virol** 1985 Sep;55(3):681–9

Malignant transformation and tumor promoter treatment increase levels of a transcript for a secreted glycoprotein. Doherty PJ, et al. **Mol Cell Biol** 1985 Mar;5(3):466–73

Kallikrein gene expression in the rat anterior pituitary. Fuller PJ, et al. **Mol Cell Endocrinol** 1985 Feb;39(2):99–105

Coordinate estrogen induction of vitellogenin and a small serum protein mRNA in Xenopus laevis liver. Hayward MA, et al. **Mol Cell Endocrinol** 1985 Feb;39(2):91–8

Pure alpha-subunit producing tumor derived from a thyrotropic tumor: impaired regulation of alpha-subunit and its mRNA by thyroid hormone. Ross DS, et al. **Mol Cell Endocrinol** 1985 Feb;39(2):161–5

Differential responses to osmotic stress of vasopressin-neurophysin mRNA in hypothalamic nuclei. Burbach JP, et al. **Neuroendocrinology** 1984 Dec; 39(6):582–4

Induction of human mRNAs by interferon. Stark GR, et al. **Philos Trans R Soc Lond [Biol]** 1984 Dec 4; 307(1132):227–30

Transcriptional induction of two genes in human cells by beta interferon. Larner AC, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6733–7

Polyadenylylation of sea urchin histone RNA sequences in transfected COS cells. Nordstrom JL, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1094–8

Making mRNA from a pair of precursors [news] Lewin R. **Science** 1985 Oct 4;230(4721):55

Nonpermissive infection of lymphoblastoid cells by vesicular stomatitis virus. I. Synthesis and function of the viral transcripts. Johnson GP, et al. **Virus Res** 1984;1(3):259–74

A specific sub-set of host-cell mRNAs prime influenza virus mRNA synthesis. Shaw MW, et al. **Virus Res** 1984 Sep; 1(6):455–67

[mRNA localization and content in bovine kininogen] Sulimova GE, et al. **Biokhimiia** 1985 Feb;50(2):279–88 (Eng. Abstr.) **(Rus)**

[3-dimensional model of transcription and the mechanism of RNA elongation] Grigor'ev SA. **Biol Nauki** 1984; (12):17–24 (48 ref.) (Eng. Abstr.) **(Rus)**

BLOOD

Rapid qualitative changes in mRNA populations in cultured human lymphocytes: comparison of the effects of cycloheximide and concanavalin A. Forsdyke DR. **Can J Biochem Cell Biol** 1984 Sep;62(9):859–64

CHEMICAL SYNTHESIS

[Synthesis of leucine codons and their use in the study of tRNALeu codon correspondence] Ven'iaminova AG, et al. **Mol Biol (Mosk)** 1984 Sep–Oct;18(5):1376–9 (Eng. Abstr.) **(Rus)**

GENETICS

Genetic perspectives on brain development and complexity. Hahn WE, et al. **Adv Exp Med Biol** 1984;181:31–42

Translation of messenger RNA from rat epididymis and identification of poly(A)RNA coding for acidic epididymal glycoprotein. Bartlett RJ, et al. **Ann NY Acad Sci** 1984; 438:29–38

Metabolism of structurally abnormal mRNAs resulting from beta-thalassemia mutations. Benz EJ Jr, et al. **Ann NY Acad Sci** 1985;445:57–67

Ornithine decarboxylase mRNA in mouse kidney: a low abundancy gene product regulated by androgens with rapid kinetics. Jänne OA, et al. **Ann NY Acad Sci** 1984;438:72–84

Two modes of amber codon read-through in vitro. Ryoji M, et al. **Arch Biochem Biophys** 1985 May 1;238(2):636–41

Tissue specificity of 3'-untranslated sequence of myosin light chain gene: unexpected interspecies homology with repetitive DNA. Saidapet C, et al. **Arch Biochem Biophys** 1984 Sep;233(2):565–72

Regions of complementarity between the messenger RNAs for epidermal growth factor, transferrin, interleukin-2 and their respective receptors. Bost KL, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1373–80

Evidence for a single rat thyrotropin-beta-subunit gene: thyroidectomy increases its mRNA. Chin WW, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1152–8

Changes of aldolase A and B messenger RNA levels in rat liver during azo-dye-induced hepatocarcinogenesis. Daimon M, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):337–43

Corticotropin-releasing factor differentially regulates proopiomelanocortin messenger ribonucleic acid levels in anterior as compared to intermediate pituitary lobes of rats. Höllt V, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):407–15

T3 stimulates the synthesis of a specific mRNA in primary hepatocyte culture. Mariash CN, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1122–9

Molecular cloning of cDNA for rat glycine methyltransferase. Ogawa H, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):44–50

Further characterization of the porcine LH subunits precursors in the translation products of pituitary RNAs. Pascal O, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):383–7

Nucleotide sequence of a cDNA clone for human aldolase: a messenger RNA in the liver. Sakakibara M, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):413–20

Hexamethylenebisacetamide-mediated induction of murine erythroleukemia cells: relationship between expression of beta major and beta minor globin genes, globin mRNA synthesis and commitment to erythroid differentiation. Gambari R. **Biochem Int** 1983 Oct;7(4):471–80

Comparison of populations of mRNA coding fumarase in rat brain and liver. Hiraga K, et al. **Biochem Int** 1985 Apr; 10(4):681–7

Studies of translatable mRNA for rabbit C-reactive protein. Samols D, et al. **Biochem J** 1985 May 1;227(3):759–65

gamma and gamma' chains of human fibrinogen are produced by alternative mRNA processing. Chung DW, et al. **Biochemistry** 1984 Aug 28;23(18):4232–6

Isolation of a heme-controlled inhibitor of translation that blocks the interaction between messenger rna and eukaryotic initiation factor 2. Knoller S, et al. **Biochemistry** 1984 May 22;23(11):2462–9

Preparation and properties of an improved cell-free protein synthesis system from mammalian liver. Morley SJ, et al. **Biochim Biophys Acta** 1985 May 24;825(1):45–56

Cloning and sequence analysis of a cDNA for the alpha-globin mRNA of carp, Cyprinus carpio. Takeshita S, et al. **Biochim Biophys Acta** 1984 Dec 14;783(3):265–71

Cloning cDNAs corresponding to the 5' end of messenger RNAs using specific DNA primers. Dagorn JC, et al. **Biochimie** 1984 Nov–Dec;66(11–12):673–9

Induction of metallothionein and metallothionein mRNA in rainbow-trout liver following cadmium treatment. Bonham K, et al. **Biosci Rep** 1984 Aug;4(8):633–42

Preparation of a cell-free translation system from a wild-type strain of Neurospora crassa and translation of pyruvate kinase messenger RNA. Devchand M, et al. **Biosci Rep** 1984 Nov;4(11):979–86

Differential expression of the cellular oncogenes c-src and c-yes in embryonal and adult chicken tissues. Gessler M, et al. **Biosci Rep** 1984 Sep;4(9):757–70

An encapsidated, subgenomic messenger RNA encodes the coat protein of carnation mottle virus. Harbison SA, et al. **Biosci Rep** 1984 Nov;4(11):949–56

Methylglyoxal inhibits the translation of natural and chemically decapped mRNAs. Lozano AM, et al. **Biosci Rep** 1984 Sep;4(9):783–8

The induction of alpha-amylase by starch in Aspergillus oryzae: evidence for controlled mRNA expression. Erratt JA, et al. **Can J Biochem Cell Biol** 1984 Aug;62(8):678–90

Kinetics of glutathione transferase, glutathione transferase messenger RNA, and reduced nicotinamide adenine dinucleotide (phosphate):quinone reductase induction by 2(3)-tert-butyl-4-hydroxyanisole in mice. Benson AM, et al. **Cancer Res** 1984 Nov;44(11):5256–61

Intricate combinatorial patterns of exon splicing generate multiple regulated troponin T isoforms from a single gene. Breitbart RE, et al. **Cell** 1985 May;41(1):67–82

Lariat structures are in vivo intermediates in yeast pre-mRNA splicing. Domdey H, et al. **Cell** 1984 Dec;39(3 Pt 2):611–21

Multiple ubiquitin mRNAs during Xenopus laevis development contain tandem repeats of the 76 amino acid coding sequence. Dworkin-Rastl E, et al. **Cell** 1984 Dec; 39(2 Pt 1):321–5

Mapping the major transcripts of ground squirrel hepatitis virus: the presumptive template for reverse transcriptase is terminally redundant. Enders GH, et al. **Cell** 1985 Aug; 42(1):297–308

Transcriptional and posttranscriptional regulation of interferon-induced gene expression in human cells. Friedman RL, et al. **Cell** 1984 Oct;38(3):745–55

RNA splicing in neurospora mitochondria: self-splicing of a mitochondrial intron in vitro. Garriga G, et al. **Cell** 1984 Dec;39(3 Pt 2):631–41

The RNA lariat: a new ring to the splicing of mRNA precursors. Keller W. **Cell** 1984 Dec;39(3 Pt 2):423–5

Recognition of cap structure in splicing in vitro of mRNA precursors. Konarska MM, et al. **Cell** 1984 Oct;38(3):731–6

The yeast nuclear gene NAM2 is essential for mitochondrial DNA integrity and can cure a mitochondrial RNA-maturase deficiency. Labouesse M, et al. **Cell** 1985 May;41(1):133–43

Expression of class I genes in the major histocompatibility complex: identification of eight distinct mRNAs in DBA/2 mouse liver. Lalanne JL, et al. **Cell** 1985 Jun;41(2):469–78

Remarkable conservation of structure among intermediate filament genes. Marchuk D, et al. **Cell** 1984 Dec;39(3 Pt 2):491–8

Identification of a small RNA containing the trypanosome spliced leader: a donor of shared 5' sequences of trypanosomatid mRNAs? Milhausen M, et al. **Cell** 1984 Oct;38(3):721–9

Insertion mutagenesis to increase secondary structure within the 5' noncoding region of a eukaryotic mRNA reduces translational efficiency. Pelletier J, et al. **Cell** 1985 Mar; 40(3):515–26

Ribosomal protein production in normal and anucleolate Xenopus embryos: regulation at the posttranscriptional and translational levels. Pierandrei-Amaldi P, et al. **Cell** 1985 Aug;42(1):317–23

Intron sequences involved in lariat formation during pre-mRNA splicing. Reed R, et al. **Cell** 1985 May; 41(1):95–105

In vivo characterization of yeast mRNA processing intermediates. Rodriguez JR, et al. **Cell** 1984 Dec;39(3 Pt 2):603–10

Self-splicing of yeast mitochondrial ribosomal and messenger RNA precursors. van der Horst G, et al. **Cell** 1985 Apr; 40(4):759–66

The human LDL receptor: a cysteine-rich protein with multiple Alu sequences in its mRNA. Yamamoto T, et al. **Cell** 1984 Nov;39(1):27–38

In vivo splicing products of the rabbit beta-globin pre-mRNA. Zeitlin S, et al. **Cell** 1984 Dec;39(3 Pt 2):589–602

The accumulation of prominent tadpole mRNAs occurs at the beginning of neurulation in Xenopus laevis embryos. Dworkin MB, et al. **Dev Biol** 1984 Dec;106(2):289–95

Molecular cloning of a cDNA complementary to a UDP-glucose pyrophosphorylase mRNA of dictyostelium discoideum. Fishel BR, et al. **Dev Biol** 1985 Aug; 110(2):369–81

Lineage segregation and developmental autonomy in expression of functional muscle acetylcholinesterase mRNA in the ascidian embryo. Meedel TH, et al. **Dev Biol** 1984 Oct;105(2):479–87

Complete nucleotide sequence of a cDNA derived from calf lens gamma-crystallin mRNA: presence of Alu I-like DNA sequences. Bhat SP, et al. **DNA** 1984 Aug;3(4):287–95

Spliced RNA from the IR1-U2 region of Epstein-Barr virus: presence of an open reading frame for a repetitive polypeptide. Bodescot M, et al. **EMBO J** 1984 Aug; 3(8):1913–7

The conserved CAAGAAAGA spacer sequence is an essential element for the formation of 3' termini of the sea urchin H3 histone mRNA by RNA processing. Georgiev O, et al. **EMBO J** 1985 Feb;4(2):481–9

Trypanosoma brucei: a surface antigen mRNA is discontinuously transcribed from two distinct chromosomes. Guyaux M, et al. **EMBO J** 1985 Apr; 4(4):995–8

Histone RNA in amphibian oocytes visualized by in situ hybridization to methacrylate-embedded tissue sections. Jamrich M, et al. **EMBO J** 1984 Sep;3(9):1939–43

Divergent protein coding regions in otherwise closely related androgen-regulated mRNAs. McDonald CJ, et al. **EMBO J** 1984 Nov;3(11):2517–21

Polyadenylation of the Xenopus beta 1 globin mRNA at a downstream minor site in the absence of the major site and utilization of an AAUACA polyadenylation signal. Mason PJ, et al. **EMBO J** 1985 Jan;4(1):205–11

Maturation of Escherichia coli tryptophan operon mRNA: evidence for 3' exonucleolytic processing after rho-dependent termination. Mott JE, et al. **EMBO J** 1985 Jul;4(7):1887–91

The cDNA sequences of the sea urchin U7 small nuclear RNA suggest specific contacts between histone mRNA precursor and U7 RNA during RNA processing. Strub K, et al. **EMBO J** 1984 Dec 1;3(12):2801–7

Adenovirus VA RNAI mediates a translational stimulation which is not restricted to the viral mRNAs. Svensson C, et al. **EMBO J** 1985 Apr;4(4):957–64

Expression of a human alpha-globin/fibronectin gene hybrid generates two mRNAs by alternative splicing. Vibe-Pedersen K, et al. **EMBO J** 1984 Nov;3(11):2511–6

Distribution of thyroid hormone-responsive translated products in rat liver polysome and postribosomal ribonucleoprotein populations. Carr FE, et al. **Endocrinology** 1984 Nov;115(5):1737–45

Synthesis of Escherichia coli carbamoylphosphate synthetase initiates at a UUG codon. Weyens G, et al. **Eur J Biochem** 1985 Jul 1;150(1):111–5

Anti-IgM treatment influences immunoglobulin heavy and light chain mRNA levels in mitogen-stimulated B lymphocytes. Leanderson T, et al. **Eur J Immunol** 1985 Jun;15(6):641–3 mRNA usage during Drosophila melanogaster embryonic development. Analysis of nine cloned DNA segments. Brogan KL, et al. **Exp Cell Res** 1985 May;158(1):95-103

Human neuropeptide Y, somatostatin and vasopressin precursors identified in cell-free translations of hypothalamic mRNA. Ivell R, et al. **FEBS Lett** 1984 Nov 19;177(2):175-8

Molecular cloning of a full-length cDNA encoding the hemagglutinin-neuraminidase glycoprotein of Sendai virus. Miura N, et al. **FEBS Lett** 1985 Aug 19;188(1):112-6

Molecular cloning and identification of cDNA recombinants coding for bovine prochymosin in E. coli. Liebscher DH, et al. **Folia Biol (Praha)** 1985;31(2):81-92

The relationship between base composition and codon usage in bacterial genes and its use for the simple and reliable identification of protein-coding sequences. Bibb MJ, et al. **Gene** 1984 Oct;30(1-3):157-66

Vectors for the direct selection of cDNA clones corresponding to mammalian cell mRNA of low abundance. Kowalski J, et al. **Gene** 1985;35(1-2):45-54

An unusual repetitive structure of caerulein mRNA from the skin of Xenopus laevis. Wakabayashi T, et al. **Gene** 1984 Nov;31(1-3):295-9

Partial characterization of murine haematopoietic cell growth factor mRNA. Cowling GJ, et al. **Hamatol Bluttransfus** 1985;29:385-7

Visualisation of messenger RNA directing peptide synthesis by in situ hybridisation using a novel single-stranded cDNA probe. Potential for the investigation of gene expression and endocrine cell activity. Varndell IM, et al. **Histochemistry** 1984;81(6):597-601

Characterization of normal and mutant adenosine deaminase messenger RNAs by translation and hybridization to a cDNA probe. Adrian GS, et al. **Hum Genet** 1984; 68(2):169-72

Level of translatable messenger RNA coding for argininosuccinate synthetase in the liver of the patients with quantitative-type citrullinemia. Sase M, et al. **Hum Genet** 1985;69(2):130-4

Cloning, sequence analysis, and expression of alteration of the mRNA stability gene (ams+) of Escherichia coli. Chanda PK, et al. **J Bacteriol** 1985 Jan;161(1):446-9

Increase of translatable mRNA for major microsomal proteins in n-alkane-grown Candida maltosa. Sunairi M, et al. **J Bacteriol** 1984 Dec;160(3):1037-40

IncFII plasmid incompatibility product and its target are both RNA transcripts. Womble DD, et al. **J Bacteriol** 1984 Oct; 160(1):28-35

Splice-site signals of mRNA precursors as revealed by computer search. Site-specific mutagenesis and thalassemia. Iida Y. **J Biochem (Tokyo)** 1985 Apr;97(4):1173-9

Rat hepatic cytosolic phosphoenolpyruvate carboxykinase (GTP). Structures of the protein, messenger RNA, and gene. Beale EG, et al. **J Biol Chem** 1985 Sep 5; 260(19):10748-60

Estrogen-dependent modification of ribosomal proteins. Effects of estrogen withdrawal on the distribution of constitutive and hormonally regulated mRNAs. Cochrane AW, et al. **J Biol Chem** 1984 Dec 25;259(24):15408-13

Phorbol esters increase calcitonin gene transcription and decrease c-myc mRNA levels in cultured human medullary thyroid carcinoma. de Bustros A, et al. **J Biol Chem** 1985 Jan 10;260(1):98-104

Thermal regulation of beta-galactosidase synthesis using anti-sense RNA directed against the coding portion of the mRNA. Ellison MJ, et al. **J Biol Chem** 1985 Aug 5; 260(16):9085-7

A transcription factor required for promoter recognition by human mitochondrial RNA polymerase. Accurate initiation at the heavy- and light-strand promoters dissected and reconstituted in vitro. Fisher RP, et al. **J Biol Chem** 1985 Sep 15;260(20):11330-8

Structure of the human gamma-fibrinogen gene. Alternate mRNA splicing near the 3' end of the gene produces gamma A and gamma B forms of gamma-fibrinogen. Fornace AJ Jr, et al. **J Biol Chem** 1984 Oct 25; 259(20):12826-30

Two developmentally regulated messenger RNAs differing in their coding region may exist for the myelin-associated glycoprotein. Frail DE, et al. **J Biol Chem** 1984 Dec 10; 259(23):14857-62

Molecular cloning of a cDNA for human pyruvate carboxylase. Structural relationship to other biotin-containing carboxylases and regulation of mRNA content in differentiating preadipocytes. Freytag SO, et al. **J Biol Chem** 1984 Oct 25;259(20):12831-7

Glycinin A3B4 mRNA. Cloning and sequencing of double-stranded cDNA complementary to a soybean storage protein. Fukazawa C, et al. **J Biol Chem** 1985 May 25;260(10):6234-9

Coordinate expression of ribosomal protein mRNAs following auxin treatment of soybean hypocotyls. Gantt JS, et al. **J Biol Chem** 1985 May 25;260(10):6175-81

Regulation by calcium of prolactin and growth hormone mRNA sequences in primary cultures of rat pituitary cells. Gick GG, et al. **J Biol Chem** 1985 Jun 25;260(12):7614-8

Complete cDNA and protein sequence of a pregnenolone 16 alpha-carbonitrile-induced cytochrome P-450. A representative of a new gene family. Gonzalez FJ, et al. **J Biol Chem** 1985 Jun 25;260(12):7435-41

Induction by cAMP of the mRNA encoding the cytosolic form of phosphoenolpyruvate carboxykinase (GTP) from the chicken. Identification and characterization of a cDNA clone for the enzyme. Hod Y, et al. **J Biol Chem** 1984 Dec 25;259(24):15603-8

Pituitary alpha subunit mRNA amounts during the sheep estrous cycle. Assessment by cDNA hybridizations. Landefeld TD, et al. **J Biol Chem** 1984 Oct 25; 259(20):12817-20

Structure of a precursor to human pancreatic polypeptide. Leiter AB, et al. **J Biol Chem** 1984 Dec 10;259(23):14702-5

Coordinate regulation of the levels of type III and type I collagen mRNA in most but not all mouse fibroblasts. Liau G, et al. **J Biol Chem** 1985 Jan 10;260(1):531-6

Heterogeneity at the 5' termini of mouse dihydrofolate reductase mRNAs. Evidence for multiple promoter regions. McGrogan M, et al. **J Biol Chem** 1985 Feb 25; 260(4):2307-14

Relationship between thyroid and glucocorticoid hormone receptor occupancy, growth hormone gene transcription, and mRNA accumulation. Nyborg JK, et al. **J Biol Chem** 1984 Oct 25;259(20):12377-81

Initiation codon mutation as a cause of alpha thalassemia. Pirastu M, et al. **J Biol Chem** 1984 Oct 25;259(20):12315-7

Multiple mRNAs for 3-hydroxy-3-methylglutaryl coenzyme A reductase determined by multiple transcription initiation sites and intron splicing sites in the 5'-untranslated region. Reynolds GA, et al. **J Biol Chem** 1985 Aug 25; 260(18):10369-77

Nucleotide sequence of rat liver aldolase B messenger RNA. Tsutsumi K, et al. **J Biol Chem** 1984 Dec 10; 259(23):14572-5

Detection of mRNAs containing regulatory peptide coding sequences using synthetic oligodeoxynucleotides. Gozes I, et al. **J Cell Biochem** 1984;26(3):147-56

Developmentally regulated mRNAs in 3T3-adipocytes: analysis of transcriptional control. Cook KS, et al. **J Cell Biol** 1985 Feb;100(2):514-20

Translation of mRNA injected into Xenopus oocytes is specifically inhibited by antisense RNA. Harland R, et al. **J Cell Biol** 1985 Sep;101(3):1094-9

The small subunit of ribonucleotide reductase is encoded by one of the most abundant translationally regulated maternal RNAs in clam and sea urchin eggs. Standart NM, et al. **J Cell Biol** 1985 Jun;100(6):1968-76

Coding sequence of coronavirus MHV-JHM mRNA 4. Skinner MA, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):593-6

Coronavirus MHV-JHM mRNA 5 has a sequence arrangement which potentially allows translation of a second, downstream open reading frame. Skinner MA, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):581-92

A carbamylphosphate synthetase deficiency with no detectable immunoreactive enzyme and no translatable mRNA. Graf L, et al. **J Inherited Metab Dis** 1984; 7(3):104-6

Regulation of growth hormone messenger RNA synthesis by dexamethasone and triiodothyronine. Transcriptional rate and mRNA stability changes in pituitary tumor cells. Diamond DJ, et al. **J Mol Biol** 1985 Jan 5;181(1):41-62

Complete complementary DNA of rat tyrosine aminotransferase messenger RNA. Deduction of the primary structure of the enzyme. Grange T, et al. **J Mol Biol** 1985 Jul 20;184(2):347-50

Actin mRNAs in HeLa cells. Stabilization after adenovirus infection. Khalili K, et al. **J Mol Biol** 1984 Dec 25; 180(4):1007-21

A model for the excision of introns 1 and 2 from adenoviral major late pre-messenger RNAs. Mariman EC, et al. **J Mol Biol** 1984 Sep 5;178(1):47-62

Transcriptional and post-transcriptional control of specific messenger RNAs in adult and embryonic liver. Powell DJ, et al. **J Mol Biol** 1984 Oct 15;179(1):21-35

Messenger RNAs from the transforming region of bovine papilloma virus type I. Stenlund A, et al. **J Mol Biol** 1985 Apr 20;182(4):541-54

The 3'-untranslated sequence of human skeletal muscle alpha-actin mRNA. Gillespie G, et al. **J Muscle Res Cell Motil** 1984 Aug;5(4):457-64

Changes in gene expression during postnatal development of the rat cerebellum. Bernstein SL, et al. **J Neurogenet** 1983 Sep;1(1):71-86

Altered expression of different tubulin electrophoretic variants during human cortex development. Morrison MR, et al. **J Neurogenet** 1983 Sep;1(1):105-11

Muscle denervation increases the levels of two mRNAs coding for the acetylcholine receptor alpha-subunit. Goldman D, et al. **J Neurosci** 1985 Sep;5(9):2553-8

mRNA sequence predictions from homologous protein sequences. Valiquette G, et al. **J Theor Biol** 1985 Feb 7; 112(3):445-58

Sequencing studies of pichinde arenavirus S RNA indicate a novel coding strategy, an ambisense viral S RNA. Auperin DD, et al. **J Virol** 1984 Dec;52(3):897-904

Construction and properties of a ribosome-binding site mutation in gene E of luminal diameter X174 bacteriophage. Gillam S, et al. **J Virol** 1984 Dec;52(3):892-6

Temperature-sensitive viral RNA expression in Moloney murine sarcoma virus ts110-infected cells. Hamelin R, et al. **J Virol** 1985 Feb;53(2):616-23

Characterization of mRNAs that map in the BglII N fragment of the herpes simplex virus type 2 genome. Jenkins FJ, et al. **J Virol** 1984 Oct;52(1):99-107

Characterization of infectious hematopoietic necrosis virus mRNA species reveals a nonvirion rhabdovirus protein. Kurath G, et al. **J Virol** 1985 Feb;53(2):462-8

Differential stability of host mRNAs in Friend erythroleukemia cells infected with herpes simplex virus type 1. Mayman BA, et al. **J Virol** 1985 Jan;53(1):1-6

Influenza C virus RNA 7 codes for a nonstructural protein. Nakada S, et al. **J Virol** 1985 Oct;56(1):221-6

A tandemly reiterated DNA sequence in the long repeat region of herpes simplex virus type 1 found in close proximity to immediate-early mRNA 1. Rixon FJ, et al. **J Virol** 1984 Nov;52(2):715-8

Cloning and characterization of DNA complementary to the canine distemper virus mRNA encoding matrix, phosphoprotein, and nucleocapsid protein. Rozenblatt S, et al. **J Virol** 1985 Feb;53(2):691-4

Isolation of novel herpes simplex virus type 1 derivatives with tandem duplications of DNA sequences encoding immediate-early mRNA-5 and an origin of replication. Umene K, et al. **J Virol** 1985 Feb;53(2):607-15

Constitutive expression of Epstein-Barr virus-encoded RNAs and nuclear antigen during latency and after induction of Epstein-Barr virus replication. Weigel R, et al. **J Virol** 1985 Jan;53(1):254-9

In vitro template activity of 0.3 mRNA from wild type and initiation mutants of bacteriophage T7. Ohsawa H, et al. **MGG** 1984;196(1):53-8

Stability of ribosomal protein mRNA and translational feedback regulation in Escherichia coli. Singer P, et al. **MGG** 1985;199(3):543-6

Leakiness of termination codons in mitochondrial mutants of the yeast Saccharomyces cerevisiae. Weiss-Brummer B, et al. **MGG** 1984;198(1):62-8

Translation of Schistosoma mansoni antigens in Xenopus oocytes microinjected with mRNA from adult worms. Pierce RJ, et al. **Mol Biochem Parasitol** 1985 May; 15(2):171-88

Partial purification and characterization of the messenger RNA for human glucose-6-phosphate dehydrogenase. Toniolo D, et al. **Mol Biol Med** 1984 Apr;2(2):89-103

Effect of estrogen on Xenopus laevis albumin mRNA levels. Zongza-Dimitriadis V, et al. **Mol Cell Biochem** 1984 Sep; 63(2):143-8

Structure of adenosine deaminase mRNAs from normal and adenosine deaminase-deficient human cell lines. Adrian GS, et al. **Mol Cell Biol** 1984 Sep;4(9):1712-7

High levels of intron-containing RNAs are associated with expression of the Drosophila DOPA decarboxylase gene. Beall CJ, et al. **Mol Cell Biol** 1984 Sep;4(9):1669-74

Differential expression of two neural cell-specific beta-tubulin mRNAs during rat brain development. Bond JF, et al. **Mol Cell Biol** 1984 Jul;4(7):1313-9

Loss of a consensus splice signal in a mutant immunoglobulin gene eliminates the CH1 domain exon from the mRNA. Brandt CR, et al. **Mol Cell Biol** 1984 Jul;4(7):1270-7

Highly efficient RNA-synthesizing system that uses isolated human mitochondria: new initiation events and in vivo-like processing patterns. Gaines G, et al. **Mol Cell Biol** 1984 Aug;4(8):1605-17

Xenopus fibrinogen: characterization of the mRNAs for the three subunits. Holland LJ, et al. **Mol Cell Biol** 1984 Nov; 4(11):2543-8

Post-transcriptional regulation of the abundance of mRNAs encoding alpha-tubulin and a 94,000-dalton protein in teratocarcinoma-derived stem cells versus differentiated cells. Howe CC, et al. **Mol Cell Biol** 1984 Nov; 4(11):2428-36

Role of intron-contained sequences in formation of moloney murine leukemia virus env mRNA. Hwang LS, et al. **Mol Cell Biol** 1984 Nov;4(11):2289-97

Posttranscriptional modulation of gene expression in cultured rat hepatocytes. Jefferson DM, et al. **Mol Cell Biol** 1984 Sep;4(9):1929-34

Dictyostelium discoideum mRNAs developmentally regulated during spore germination have short half-lives. Kelly R, et al. **Mol Cell Biol** 1985 Jan;5(1):133-9

Changes in levels of actin and tubulin mRNAs upon the lectin activation of lymphocytes. McCairns E, et al. **Mol Cell Biol** 1984 Sep;4(9):1754-60

Discrete human dihydrofolate reductase gene transcripts present in polysomal RNA map with their 5' ends several hundred nucleotides upstream of the main mRNA start site. Masters JN, et al. **Mol Cell Biol** 1985 Mar;5(3):493-500

Cytoplasmic and secreted Saccharomyces cerevisiae invertase mRNAs encoded by one gene can be differentially or coordinately regulated. Perlman D, et al. **Mol Cell Biol** 1984 Sep;4(9):1682-8

Nuclei of adenovirus 2-infected cells contain an RNA species that corresponds to an intron excised intact from mRNA precursors. Rosenthal R, et al. **Mol Cell Biol** 1985 May; 5(5):1084-92

Processed pseudogenes for rat cytochrome c are preferentially derived from one of three alternate mRNAs. Scarpulla RC. **Mol Cell Biol** 1984 Nov;4(11):2279-88

Tissue-specific expression of major urinary protein (MUP) genes in mice: characterization of MUP mRNAs by restriction mapping of cDNA and by in vitro translation. Shahan K, et al. **Mol Cell Biol** 1984 Nov;4(11):2259-65

Expression and characterization of ras mRNAs from Saccharomyces cerevisiae. Temeles GL, et al. **Mol Cell Biol** 1984 Nov;4(11):2298-305

Dose response for induction of two cytochrome P-450 isozymes and their mRNAs by 3,4,5,3'4'5'-hexachlorobiphenyl indicating coordinate regulation in rat liver. Hardwick JP, et al. **Mol Pharmacol** 1985 Jun;27(6):676–82

Enkephalin biosynthesis in adrenal medulla. Modulation of proenkephalin mRNA content of cultured chromaffin cells by 8–bromo–adenosine 3',5'–monophosphate. Quach TT, et al. **Mol Pharmacol** 1984 Sep;26(2):255–60

Information for the dorsal––ventral pattern of the Drosophila embryo is stored as maternal mRNA. Anderson KV, et al. **Nature** 1984 Sep 20–26;311(5983):223–7

Identification of scrapie prion protein–specific mRNA in scrapie–infected and uninfected brain. Chesebro B, et al. **Nature** 1985 May 23–29;315(6017):331–3

Control of eukaryotic messenger RNA synthesis by sequence–specific DNA–binding proteins. Dynan WS, et al. **Nature** 1985 Aug 29–Sep 4;316(6031):774–8

A sequence downstream of AAUAAA is required for rabbit beta–globin mRNA 3'–end formation. Gil A, et al. **Nature** 1984 Nov 29–Dec 5;312(5993):473–4

Concentration of acetylcholine receptor mRNA in synaptic regions of adult muscle fibres. Merlie JP, et al. **Nature** 1985 Sep 5–11;317(6032):66–8

Growth–rate dependent regulation of mRNA stability in Escherichia coli. Nilsson G, et al. **Nature** 1984 Nov 1–7; 312(5989):75–7

Messenger RNA pieced together [news] Robertson HD. **Nature** 1984 Sep 27–Oct 3;311(5984):302–3

Primary structure of human transferrin receptor deduced from the mRNA sequence. Schneider C, et al. **Nature** 1984 Oct 18–24;311(5987):675–8

Analysis of chromatin changes associated with the expression of globin and non–globin genes in cell hybrids between erythroid and other cells. Affara N, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5629–44

The complete sequence of a full length cDNA for human liver glyceraldehyde–3–phosphate dehydrogenase: evidence for multiple mRNA species. Arcari P, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):9179–89

Increased abundance of a normal cell mRNA sequence accompanies the conversion of rat mammary cuboidal epithelial cells to elongated myoepithelial–like cells in culture. Barraclough R, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8097–114

3' end structure of the human (2'–5') oligo A synthetase gene: prediction of two distinct proteins with cell type–specific expression. Benech P, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1267–81

The adenovirus major late promoter TATA box and initiation site are both necessary for transcription in vitro. Concino MF, et al. **Nucleic Acids Res** 1984 Oct 11; 12(19):7423–33

Apparent generation of a segmented mRNA from two separate tandem gene families in Trypanosoma cruzi. Gonzalez A, et al. **Nucleic Acids Res** 1985 Aug 26; 13(16):5789–804

Unusual heterogeneity of the 5'–termini of human adenovirus type 2 early region E2 mRNA. Hashimoto S, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):9067–82

Cloned DNA sequences that determine mRNA stability of bacteriophage phi X174 in vivo are functional. Hayashi MN, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5937–48

Human P1–450 gene sequence and correlation of mRNA with genetic differences in benzo[a]pyrene metabolism. Jaiswal AK, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4503–20

Size and position of intervening sequences are critical for the splicing efficiency of pre–mRNA in the yeast Saccharomyces cerevisiae. Klinz FJ, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):3791–804

Functional messenger RNAs are produced by SP6 in vitro transcription of cloned cDNAs. Krieg PA, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7057–70

Molecular cloning and the complete nucleotide sequence of cDNA to mRNA for S–100 protein of rat brain. Kuwano R, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7455–65

Mature mRNAs of Trypanosoma brucei possess a 5' cap acquired by discontinuous RNA synthesis. Laird PW, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4253–66

The consensus sequence YGTGTTYY located downstream from the AATAAA signal is required for efficient formation of mRNA 3' termini. McLauchlan J, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1347–68

Molecular cloning of mouse PSP mRNA. Madsen HO, et al. **Nucleic Acids Res** 1985 Jan 11;13(1):1–13

Secondary structure of splice sites in adenovirus mRNA precursors. Munroe SH. **Nucleic Acids Res** 1984 Nov 26; 12(22):8437–56

Identification of Xenopus laevis mRNAs with homology to repetitive sequences. Reith W, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):8899–916

Molecular cloning and the nucleotide sequence of cDNA to mRNA for non–neuronal enolase (alpha alpha enolase) of rat brain and liver. Sakimura K, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4365–78

The secondary structure of mRNAs from Escherichia coli: its possible role in increasing the accuracy of translation. Shpaer EG. **Nucleic Acids Res** 1985 Jan 11;13(1):275–88

Exon mutations that affect the choice of splice sites used in processing the SV40 late transcripts. Somasekhar MB, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5591–609

Crosslinking transfer RNA and messenger RNA at the ribosomal decoding region: identification of the site of reaction on the messenger RNA. Steiner G, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8181–91

The influence of mRNA primary and secondary structure on human IFN–gamma gene expression in E. coli. Tessier LH, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7663–75

Complete nucleotide sequence of mRNA for caerulein precursor from Xenopus skin: the mRNA contains an unusual repetitive structure. Wakabayashi T, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):1817–28

Influence of messenger RNA secondary structure on translation efficiency. Nomura M, et al. **Nucleic Acids Symp Ser** 1984;(15):173–6

Translation of type IV procollagen messenger RNA from cultured cat retinal pigment epithelial cells. Shen S, et al. **Ophthalmic Res** 1985;17(4):216–20

alpha–Amanitin–insensitive transcription of mouse beta major–globin 5'–flanking and structural gene sequences correlates with mRNA expression. Carlson DP, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7782–6

A sequence downstream of A–A–U–A–A–A is required for formation of simian virus 40 late mRNA 3' termini in frog oocytes. Conway L, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):3949–53

Reovirus hemagglutinin mRNA codes for two polypeptides in overlapping reading frames. Ernst H, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):48–52

Differential expression of mRNAs for alpha– and beta–tubulin during differentiation of the parasitic protozoan Leishmania mexicana. Fong D, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5782–6

Initiator tRNA may recognize more than the initiation codon in mRNA: a model for translational initiation. Ganoza MC, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4587–91

Complete nucleotide sequence of Torpedo marmorata mRNA coding for the 43,000–dalton nu 2 protein: muscle–specific creatine kinase. Giraudat J, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7313–7

Mapping of N6–methyladenosine residues in bovine prolactin mRNA. Horowitz S, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5667–71

Analysis of Sendai virus mRNAs with cDNA clones of viral genes and sequences of biologically important regions of the fusion protein. Hsu M, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7732–6

Identification and characterization of cDNA clones specific for cholesterol side–chain cleavage cytochrome P–450. John ME, et al. **Proc Natl Acad Sci USA** 1984 Sep; 81(18):5628–32

Nucleotide sequence of murine ornithine decarboxylase mRNA. Kahana C, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1673–7

Intron splicing: a conserved internal signal in introns of animal pre–mRNAs. Keller EB, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7417–20

c–myc mRNA levels in the cell cycle change in mouse erythroleukemia cells following inducer treatment. Lachman HM, et al. **Proc Natl Acad Sci USA** 1985 Aug; 82(16):5323–7

Injected anti–sense RNAs specifically block messenger RNA translation in vivo. Melton DA. **Proc Natl Acad Sci USA** 1985 Jan;82(1):144–8

Cloning and characterization of cDNAs encoding 2,3,7,8–tetrachlorodibenzo–p–dioxin–inducible rabbit mRNAs for cytochrome P–450 isozymes 4 and 6. Okino ST, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5310–4

Anti–mRNA: specific inhibition of translation of single mRNA molecules. Pestka S, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7525–8

A 5' spliced leader is added in trans to both alpha– and beta–tubulin transcripts in Trypanosoma brucei. Sather S, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5695–9

Deletions near the albino locus on chromosome 7 of the mouse affect the level of tyrosine aminotransferase mRNA. Schmid W, et al. **Proc Natl Acad Sci USA** 1985 May; 82(9):2866–9

Expression of the beta–nerve growth factor gene correlates with the density of sympathetic innervation in effector organs. Shelton DL, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7951–5

Alternative splicing patterns in an aberrantly rearranged immunoglobulin kappa–light–chain gene. Sikder SK, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4045–9

Partial purification and functional expression of brain mRNAs coding for neurotransmitter receptors and voltage–operated channels. Sumikawa K, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7994–8

Vasopressin mRNA in situ hybridization: localization and regulation studied with oligonucleotide cDNA probes in normal and Brattleboro rat hypothalamus. Uhl GR, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5555–9

mRNA precursor splicing in vivo: sequence requirements determined by deletion analysis of an intervening sequence. van Santen VL, et al. **Proc Natl Acad Sci USA** 1985 May; 82(9):2885–9

Structure of a human histone cDNA: evidence that basally expressed histone genes have intervening sequences and encode polyadenylylated mRNAs. Wells D, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2834–8

UGA is read as tryptophan in Mycoplasma capricolum. Yamao F, et al. **Proc Natl Acad Sci USA** 1985 Apr; 82(8):2306–9

Messenger RNA from bovine retina induces kainate and glycine receptors in Xenopus oocytes. Parker I, et al. **Proc R Soc Lond [Biol]** 1985 Jul 22;225(1238):99–106

The 'spliceosome': yeast pre–messenger RNA associates with a 40S complex in a splicing–dependent reaction. Brody E, et al. **Science** 1985 May 24;228(4702):963–7

Constitutive and conditional suppression of exogenous and endogenous genes by anti–sense RNA. Izant JG, et al. **Science** 1985 Jul 26;229(4711):345–52

Modulation of the sis gene transcript during endothelial cell differentiation in vitro. Jaye M, et al. **Science** 1985 May 17;228(4701):882–5

More progress in messenger RNA splicing [news] Lewin R. **Science** 1985 May 24;228(4702):977

Role of the conserved AAUAAA sequence: four AAUAAA point mutants prevent messenger RNA 3' end formation. Wickens M, et al. **Science** 1984 Nov 30;226(4678):1045–51

Translocation chromosome 7 of A431 cells contains amplification and rearrangement of EGF receptor gene responsible for production of variant mRNA. Hunts JH, et al. **Somatic Cell Mol Genet** 1985 Sep;11(5):477–84

Complete nucleotide sequence of the mRNA coding for the N protein of vesicular stomatitis virus (New Jersey serotype). Banerjee AK, et al. **Virology** 1984 Sep; 137(2):432–8

Comparison of messenger RNAs induced in cells infected with each member of the morbillivirus group. Barrett T, et al. **Virology** 1985 Aug;145(1):195–9

Mapping the 5' ends, 3' ends, and splice sites of mRNAs from the early E3 transcription unit of adenovirus 5. Cladaras C, et al. **Virology** 1985 Jan 15;140(1):44–54

Correct sequence for the major nucleocapsid protein mRNA of respiratory syncytial virus. Collins PL, et al. **Virology** 1985 Oct 15;146(1):69–77

The complete sequence of the M RNA of snowshoe hare bunyavirus reveals the presence of internal hydrophobic domains in the viral glycoprotein. Eshita Y, et al. **Virology** 1984 Sep;137(2):227–40

Polytranscripts of Sendai virus do not contain intervening polyadenylate sequences. Gupta KC, et al. **Virology** 1985 Feb;141(1):102–9

Analysis and gene assignment of mRNAs of a paramyxovirus, simian virus 5. Paterson RG, et al. **Virology** 1984 Oct 30; 138(2):310–23

The structure of the major immediate early gene of human cytomegalovirus strain AD169. Akrigg A, et al. **Virus Res** 1985 Mar;2(2):107–21

[Study of the ribosome mRNA–binding region during different stages of translation. I. Functional activity of mRNA analogs, AUGU6 and its benzylidene derivatives, in ribosome–dependent protein synthesis] Babkina GT, et al. **Bioorg Khim** 1983 Nov;9(11):1535–43 (Eng. Abstr.) **(Rus)**

[Nucleotide sequence of the 3'–nontranslated region of the mRNA of alpha S1–casein in cows] Kiarshulite DR, et al. **Dokl Akad Nauk SSSR** 1985;280(6):1433–7 **(Rus)**

[Absence of point mutation in the 12th codon of the c–Ha–rasl transforming genes of human breast and stomach cancer, melanoma and neuroblastoma] Kniazev PG, et al. **Dokl Akad Nauk SSSR** 1985;282(6):1487–9 **(Rus)**

[Synonymous codon usage at the ends of double–stranded regions in the secondary structure of mRNA] Nechipurenko IuD, et al. **Dokl Akad Nauk SSSR** 1985; 282(3):721–4 **(Rus)**

[Suppression of immunoglobulin synthesis in myeloma MORS 21 cells by an alkylating oligonucleotide derivative complementary to the mRNA coding for light–chain immunoglobulin] Vlasov VV, et al. **Dokl Akad Nauk SSSR** 1984;276(5):1263–5 **(Rus)**

[Synthesis and cloning of DNA complementary to mRNA of the bovine mammary gland] Gorodetskiĭ SI, et al. **Genetika (Moskva)** 1985 Feb;21(2):191–200 (Eng. Abstr.) **(Rus)**

[Uncoordinated expression of B2+mRNAx and other types of B2–containing poly(A)+RNA in various mouse tissues] Ivanov PL, et al. **Mol Biol (Mosk)** 1985 Mar–Apr; 19(2):333–9 (Eng. Abstr.) **(Rus)**

[Binding of the yeast phenylalanine tRNA with Escherichia coli ribosomes. Effect of the removal of a modified base from the 3'–end of the anticodon on codon–anticodon interaction] Katunin VI, et al. **Mol Biol (Mosk)** 1984 Nov–Dec;18(6):1486–96 (Eng. Abstr.) **(Rus)**

[The Shine–Dalgarno sequence and the effectiveness of translation initiation] Khudiakov IuE. **Mol Biol (Mosk)** 1985 May–Jun;19(3):702–16 (Eng. Abstr.) **(Rus)**

[Analysis of the primary structure of mRNA from Escherichia coli: occurrence of nucleotides on the 3'–side of the codon] Shpaer EG. **Mol Biol (Mosk)** 1985 May–Jun; 19(3):791–9 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Immunosuppression by cell–free translation products from monoclonal antigen–specific suppressor T cell mRNA. Ricciardi–Castagnoli P, et al. **Eur J Immunol** 1985 Apr; 15(4):351–5

ISOLATION & PURIFICATION

Plasma protein and liver mRNA levels of two closely related murine alpha 1–protease inhibitors during the acute phase reaction. Frazer JM, et al. **Arch Biochem Biophys** 1985 May 15;239(1):112–9

Identification of the mRNA coding for prolactin in the human decidua. Taii S, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):530–7

Characterization of fatty acid synthetase cDNA clone and its mRNA. Yan C, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1235–41

The use of monoclonal antibodies for selection of a low-abundance mRNA: p53. Benchimol S, et al. **Biochem Soc Trans** 1984 Aug;12(4):708–11

Isolation of tyrosinase-mRNA by affinity chromatography of polysomes. Kidson SH, et al. **Biochim Biophys Acta** 1985 Jan 29;824(1):40–4

Isolation and characterisation of keratin mRNA from the scale epidermis of the embryonic chick. Wilton SD, et al. **Biochim Biophys Acta** 1985 Mar 20;824(3):201–8

Isolation and in vitro translation of a mammalian protamine mRNA. Krawetz SA, et al. **Biosci Rep** 1984 Jul; 4(7):593–603

Isolation, partial characterization and translation of mRNAs for chymosin and pepsin, the two main aspartyl proteinases of bovine stomach. Lipoldová M, et al. **Folia Biol (Praha)** 1985;31(2):71–80

Rapid size determination of mRNAs complementary to cloned DNA sequences: plaque and colony hybrid-selection of cDNAs. Shaw PH, et al. **Gene** 1984 Jul–Aug;29(1–2):77–85

Isolating and sequencing the predominant 5'-ends of a specific mRNA in cells. I. Purification by filter hybridization. Cannistraro VJ, et al. **J Biochem Biophys Methods** 1985 Aug;11(2–3):153–61

Partial purification and properties of a pre-mRNA splicing activity. DiMaria PR, et al. **J Biol Chem** 1985 Jan 25; 260(2):1096–102

Purification of gamma-enolase messenger ribonucleic acid from rat brain by an immunoadsorption method. Nybroe O, et al. **Neurosci Lett** 1985 Jan 7;53(1):115–9

Translation of erythropoietin-mRNA extracted from a human hepatocellular carcinoma. Urabe A, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec;47(8):1722–6

An improvement on labelled messenger RNA preparation for DNA-RNA hybridisation. Shaw PC, et al. **Prep Biochem** 1984 Aug;14(3):197–203

Isolation and characterization of two fractions from HeLa cells required for mRNA splicing in vitro. Furneaux HM, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4351–5

METABOLISM

Reverse transcription and kinetic complexity analysis of mRNA from lupin root nodules. Mądrzak CJ, et al. **Acta Biochim Pol** 1984;31(4):439–51

Quantitation of cardiac messenger RNA in heart-muscle biopsies. Zähringer J, et al. **Adv Myocardiol** 1985;6:285–95

Nutritional control of protein synthesis. Studies relating to tryptophan-induced stimulation of nucleocytoplasmic translocation of mRNA in rat liver. Sidransky H, et al. **Am J Pathol** 1984 Nov;117(2):298–309

Time course of changes in albumin synthesis and mRNA in diabetic and insulin-treated diabetic rats. Peavy DE, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E656–63

The relationship between translational initiation and messenger RNA inactivation in down-shifted Escherichia coli. Jacobson LA, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):118–31

The action of 1 alpha,25-dihydroxyvitamin D3 on rat small intestine: changes in translatable mRNA species. Kessler MA, et al. **Arch Biochem Biophys** 1985 Jan;236(1):17–25

Initiation factors eIF4A and C1 from wheat germ and the formation of mRNA X ribosome complexes. Seal SN, et al. **Arch Biochem Biophys** 1985 Apr;238(1):146–53

Synthesis and degradation of 3-methylcholanthrene-inducible cytochromes P-450 and their mRNAs in primary monolayer cultures of adult rat hepatocytes. Steward AR, et al. **Arch Biochem Biophys** 1985 Sep;241(2):494–508

The size and heterogeneity of the messenger RNA associated with 70 S monosomes from down-shifted Escherichia coli. Wnek AP, et al. **Arch Biochem Biophys** 1985 Aug 15; 241(1):106–17

Influence of starvation and total protein deprivation on cardiac mRNA levels. Zähringer J, et al. **Basic Res Cardiol** 1985 Jan–Feb;80(1):1–11

Major acute-phase alpha(1)protein in the rat: structure, molecular cloning, and regulation of mRNA levels. Cole T, et al. **Biochem Biophys Res Commun** 1985 Jan 31; 126(2):719–24

Regulation of mRNA levels of rat liver carbamoylphosphate synthetase by glucocorticosteroids and cyclic AMP as estimated with a specific cDNA. de Groot CJ, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):882–8

High prealbumin and transferrin mRNA levels in the choroid plexus of rat brain. Dickson PW, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):890–5

Superinduction of human interleukin-2 messenger RNA by inhibitors of translation. Efrat S, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):842–8

Regulation of proteolytic enzyme activities and mRNA concentrations in rat pancreas by food content. Giorgi D, et al. **Biochem Biophys Res Commun** 1985 Mar 29; 127(3):937–42

Requirements for in vitro reconstruction of protein synthesis. Green RH, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):792–8

Translational modulation in vitro of a eukaryotic viral mRNA encoding overlapping genes: ribosome scanning and potential roles of conformational changes in the P/C mRNA of Sendai virus. Gupta KC, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):91–7

In vitro translation of rat lung surfactant apoprotein mRNA. Katyal SL, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):106–11

Lowered level of translatable messenger RNAs for manganese superoxide dismutase in human fibroblasts transformed by SV 40. Marlhens F, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):300–5

The effect of formycin B on mRNA translation and uptake of purine precursors in Leishmania mexicana. Nolan LL, et al. **Biochem Int** 1984 Aug;9(2):207–18

The effects of 17 alpha-ethynyloestradiol and of acute inflammation on the plasma concentration of rat alpha 1-acid glycoprotein and on the induction of its hepatic mRNA. Diarra-Mehrpour M, et al. **Biochem J** 1985 Feb 1;225(3):681–7

Synthesis of 3-ketoacyl-CoA thiolase of rat liver peroxisomes on free polyribosomes as a larger precursor. Induction of thiolase mRNA activity by clofibrate. Fujiki Y, et al. **Biochem J** 1985 Mar 15;226(3):697–704

Turnover of messenger RNA, apoprotein and haem of cytochrome P-450b + e induced by phenobarbitone in rat liver. Ravishankar H, et al. **Biochem J** 1985 Jul 1; 229(1):73–9

The effect of ethanol, alone and in combination with the glucocorticoids and insulin, on glucose-6-phosphate dehydrogenase synthesis and mRNA in primary cultures of hepatocytes. Stumpo DJ, et al. **Biochem J** 1985 Feb 15; 226(1):123–30

Functional characterization of eukaryotic mRNA cap binding protein complex: effects on translation of capped and naturally uncapped RNAs. Edery I, et al. **Biochemistry** 1984 May 22;23(11):2456–62

Construction of DNA sequences complementary to rat alpha 1 and alpha 2 collagen mRNA and their use in studying the regulation of type I collagen synthesis by 1,25-dihydroxyvitamin D. Genovese C, et al. **Biochemistry** 1984 Dec 4;23(25):6210–6

Evidence that the folate-requiring enzymes of de novo purine biosynthesis are encoded by individual mRNAs. Wasserman GF, et al. **Biochemistry** 1984 Dec 18; 23(26):6704–10

The role of triiodothyronine in the regulation of synthesis rate and translatable mRNA level of fatty acid synthetase in a preadipocyte cell line. Gharbi-Chihi J, et al. **Biochim Biophys Acta** 1984 Oct 5;783(1):26–35

Expression of carbamoyl-phosphate synthetase I mRNA in Reuber hepatoma H-35 cells. Regulation by glucocorticoid and insulin. Kitagawa Y, et al. **Biochim Biophys Acta** 1985 Jun 24;825(2):148–53

Messenger RNA turnover during bone marrow erythroid cell differentiation. Langstaff JM, et al. **Biochim Biophys Acta** 1985 Jul 24;825(3):316–25

Preferential stimulation of rabbit alpha globin mRNA translation by a cap-binding protein complex. Sarkar G, et al. **Biochim Biophys Acta** 1984 Nov 22;783(2):122–9

Early effects of triiodothyronine on the complexity of rat heart messenger RNAs. Raymondjean M, et al. **Biochimie** 1984 Sep–Oct;66(9–10):601–8

Effect of 7-methylguanosine-5'-phosphate on the translation of rat milk-protein mRNAs in the wheat-germ cell-free system. Mezl VA, et al. **Biosci Rep** 1984 Jul;4(7):535–40

In vitro translation of mRNA from the developing sciatic nerve. Leblanc AC, et al. **Brain Res** 1985 Jun;352(2):302–5

Recovery of normal protein synthesis in heat-shocked chicken myotubes by liposome-mediated transfer of mRNAs. Bag J. **Can J Biochem Cell Biol** 1985 Mar; 63(3):231–5

Quantification of thyroglobulin messenger RNA by in situ hybridization in differentiated thyroid cancers. Difference between well-differentiated and moderately differentiated histologic types. Bergé-Lefranc JL, et al. **Cancer** 1985 Jul 15;56(2):345–50

Processing of the intron-containing thymidylate synthase (td) gene of phage T4 is at the RNA level. Belfort M, et al. **Cell** 1985 Jun;41(2):375–82

The role of cap methylation in the translational activation of stored maternal histone mRNA in sea urchin embryos. Caldwell DC, et al. **Cell** 1985 Sep;42(2):691–700

Stepwise assembly of a pre-mRNA splicing complex requires U-snRNPs and specific intron sequences. Frendewey D, et al. **Cell** 1985 Aug;42(1):355–67

A multicomponent complex is involved in the splicing of messenger RNA precursors. Grabowski PJ, et al. **Cell** 1985 Aug;42(1):345–53

Trans splicing of mRNA precursors in vitro. Konarska MM, et al. **Cell** 1985 Aug;42(1):165–71

Molecular consequences of specific intron mutations on yeast mRNA splicing in vivo and in vitro. Newman AJ, et al. **Cell** 1985 Aug;42(1):335–44

Posttranscriptional mechanisms are responsible for accumulation of truncated c-myc RNAs in murine plasma cell tumors. Piechaczyk M, et al. **Cell** 1985 Sep; 42(2):589–97

mRNA splicing efficiency in yeast and the contribution of nonconserved sequences. Pikielny CW, et al. **Cell** 1985 May;41(1):119–26

Cryptic branch point activation allows accurate in vitro splicing of human beta-globin intron mutants. Ruskin B, et al. **Cell** 1985 Jul;41(3):833–44

mRNA cap binding proteins: essential factors for initiating translation. Shatkin AJ. **Cell** 1985 Feb;40(2):223–4

Trans splicing of mRNA precursors. Solnick D. **Cell** 1985 Aug;42(1):157–64

Diabetes-induced alterations in the translational activity of specific messenger ribonucleic acids isolated from rat hearts. Barrieux A, et al. **Circ Res** 1985 Aug;57(2):296–303

Actin mRNA content in normal and delayed implanting mouse embryos. Giebelhaus DH, et al. **Dev Biol** 1985 Feb; 107(2):407–13

delta- and beta-Crystallin mRNA levels in the embryonic and posthatched chicken lens: temporal and spatial changes during development. Hejtmancik JF, et al. **Dev Biol** 1985 May;109(1):72–81

Quantitation of type II procollagen mRNA levels during chick limb cartilage differentiation. Kravis D, et al. **Dev Biol** 1985 Mar;108(1):164–72

Two-stage hormonal control of type IV collagen mRNA levels during differentiation of F9 teratocarcinoma cells. Marotti KR, et al. **Dev Biol** 1985 Mar;108(1):26–31

Modulation of nonglobin mRNA levels in erythropoiesis. Mishina Y, et al. **Dev Biol** 1984 Dec;106(2):343–50

Insulin suppresses rat growth hormone messenger ribonucleic acid levels in rat pituitary tumor cells. Melmed S, et al. **Diabetes** 1985 Apr;34(4):409–12

Relationship between levels of nerve growth factor (NGF) and its messenger RNA in sympathetic ganglia and peripheral target tissues. Heumann R, et al. **EMBO J** 1984 Dec 20;3(13):3183–9

Epidermal growth factor and oncogenes induce transcription of the same cellular mRNA in rat fibroblasts. Matri LM, et al. **EMBO J** 1985 Jun;4(6):1435–40

Messenger ribonucleic acid from tumors associated with humoral hypercalcemia of malignancy directs the synthesis of a secretory parathyroid hormone-like peptide. Broadu AE, et al. **Endocrinology** 1985 Oct;117(4):1661–6

Absence of detectable chorionic gonadotropin subunit messenger ribonucleic acids in the rat placenta throughout gestation. Carr FE, et al. **Endocrinology** 1985 Mar; 116(3):1151–7

Vasoactive intestinal peptide increases prolactin messenger ribonucleic acid content in GH3 cells. Carrillo AJ, et al. **Endocrinology** 1985 Jan;116(1):202–6

Regulation of the alpha and thyrotropin beta-subunit messenger ribonucleic acids by thyroid hormones. Ch WW, et al. **Endocrinology** 1985 Mar;116(3):873–8

Pre-proglucagon messenger ribonucleic acid: nucleotide and encoded amino acid sequences of the rat pancreatic complementary deoxyribonucleic acid. Heinrich G, et al. **Endocrinology** 1984 Dec;115(6):2176–81

Effects of adrenalectomy and dexamethasone administration on the level of prepro-corticotropin-releasing factor messenger ribonucleic acid (mRNA) in the hypothalamus and adrenocorticotropin/beta-lipotropin precursor mRNA in the pituitary in rats. Jingami H, et al. **Endocrinology** 1985 Oct;117(4):1314–20

Cell-free translational analysis of messenger ribonucleic acid coding for vitamin D-dependent rat renal calcium-binding protein. Pansini AR, et al. **Endocrinology** 1985 Oct; 117(4):1652–60

Myosin heavy chain mRNA during the development and regression of myocardial hypertrophy. Cutilletta AF. **Eur Heart J** 1984 Dec;5 Suppl F:193–7

Messenger RNA content and complexity in normal and overloaded rat heart: a preliminary report. Swynghedauw B, et al. **Eur Heart J** 1984 Dec;5 Suppl F:211–7

Gene expression in cardiac hypertrophy in rat and human heart muscle. Zähringer J, et al. **Eur Heart J** 1984 Dec; 5 Suppl F:199–210

Identification of a 60-kDa phosphoprotein that binds stored messenger RNA of Xenopus oocytes. Dearsly AL, et al. **Eur J Biochem** 1985 Jul 1;150(1):95–103

Glucocorticoid-dependent uteroglobin synthesis and uteroglobulin mRNA levels in rabbit lung explants cultured in vitro. Fernández-Renau D, et al. **Eur J Biochem** 1984 Nov 2;144(3):523–7

Increased ribosomal affinity for mRNA causes resistance to edeine in a mutant of Saccharomyces cerevisiae. Herrera F, et al. **Eur J Biochem** 1984 Dec 3;145(2):339–44

Effects of glucagon, dexamethasone and triiodothyronine on phosphoenolpyruvate carboxykinase (GTP) synthesis and mRNA level in rat liver cells. Iynedjian PB, et al. **Eur J Biochem** 1984 Dec 17;145(3):489–97

Differentiation of rat myoblasts. Regulation of turnover of ribosomal proteins and their mRNAs. Jacobs FA, et al. **Eur J Biochem** 1985 Jul 15;150(2):255–63

Cell-free synthesis of ornithine decarboxylase. Changes in mRNA activity in the liver of thioacetamide-treated rats. Kameji T, et al. **Eur J Biochem** 1984 Oct 1;144(1):35–9

Transport of beta-globin mRNA from nuclei of murine Friend erythroleukemia cells. Reversible inhibition of transport by the oxidizing sulfhydryl reagent o-iodosobenzoate. Kindås-Mügge I, et al. **Eur J Biochem** 1985 Apr 1;148(1):49–54

Cholecalcin (a 9-kDa cholecalciferol-induced calcium-binding protein) messenger RNA. Distribution and induction by calcitriol in the rat digestive tract. Perret C, et al. **Eur J Biochem** 1985 Jul 1;150(1):211–7

Translational repression of mRNA for eucaryotic elongation factors in Friend erythroleukemia cells. Slobin LI, et al. **Eur J Biochem** 1984 Nov 15;145(1):143–50

Regulation of glucose-6-phosphate dehydrogenase mRNA by insulin and the glucocorticoids in primary cultures of rat hepatocytes. Stumpo DJ, et al. **Eur J Biochem** 1984 Nov 2;144(3):497-502

Regulation of type I collagen synthesis. Total pro alpha 1(I) and pro alpha 2(I) mRNAs are maintained in a 2:1 ratio under varying rates of collagen synthesis. Vuust J, et al. **Eur J Biochem** 1985 Sep 16;151(3):449-53

Deinduction of transcription of Xenopus 74-kDa albumin genes and destabilization of mRNA by estrogen in vivo and in hepatocyte cultures. Wolffe AP, et al. **Eur J Biochem** 1985 Feb 1;146(3):489-96

A study of mitochondrial and nuclear transcription with cloned cDNA probes. Changes in the relative abundance of mitochondrial transcripts after stimulation of quiescent mouse fibroblasts. Edwards DR, et al. **Exp Cell Res** 1985 Mar;157(1):127-43

Total poly(A+)-messenger RNA from bovine lens cofractionates with sucrose purified fiber cell plasma membrane. Hentzen PC, et al. **Exp Eye Res** 1984 Jul;39(1):51-60

Translation of messenger RNA from a renal tumor into a product with the biological properties of erythropoietin. Saito T, et al. **Exp Hematol** 1985 Jan;13(1):23-8

Polyadenylation of histone mRNA in Xenopus oocytes and embryos. Ballantine JE, et al. **FEBS Lett** 1985 Jan 28;180(2):224-8

Major acute phase alpha 1-protein of the rat is homologous to bovine kininogen and contains the sequence for bradykinin: its synthesis is regulated at the mRNA level. Cole T et al. **FEBS Lett** 1985 Mar 11;182(1):57-61

In vitro reconstitution of messenger ribonucleoprotein particles from globin messenger RNA and cytosol proteins. Gaedigk R, et al. **FEBS Lett** 1985 Jan 7;179(2):201-7

Direct cross-linking of heptauridilate to E. coli ribosomes by water-soluble carbodiimide in the complex stabilized by codon-anticodon interaction at both A- and P-sites. Gimautdinova OI, et al. **FEBS Lett** 1985 Jun 17;185(2):221-5

Characterization of messenger RNA from epimastigotes and metacyclic trypomastigotes of Trypanosoma cruzi. Goldenberg S, et al. **FEBS Lett** 1985 Jan 28;180(2):265-70

Rapid increase of mitochondrial uncoupling protein and its mRNA in stimulated brown adipose tissue. Use of a cDNA probe. Ricquier D, et al. **FEBS Lett** 1984 Dec 10;178(2):240-4

Immune interferon inhibits collagen synthesis by rheumatoid synovial cells associated with decreased levels of the procollagen mRNAs. Stephenson ML, et al. **FEBS Lett** 1985 Jan 21;180(1):43-50

Translation of mRNA for human lymphotoxin in microinjected Xenopus oocytes. Wallach D, et al. **FEBS Lett** 1984 Dec 10;178(2):257-63

Serum and thyroid hormones T3 and T4 regulate nerve growth factor mRNA levels in mouse L cells. Wion D, et al. **FEBS Lett** 1985 Sep 9;189(1):37-41

The developmental changes of mRNA levels for a cerebellar protein (spot 35 protein) in rat brains. Yamakuni T, et al. **FEBS Lett** 1985 Aug 19;188(1):127-30

Translation of human macrophage activating factor (for glucose consumption) mRNA in Xenopus laevis oocytes. Ishii Y, et al. **Immunol Invest** 1985 Apr;14(2):95-103

Maintenance of milk protein gene expression in a subpopulation of 7,12-dimethylbenz(a)anthracene-induced rat mammary carcinoma cells grown on attached collagen gels. Johnson ML, et al. **In Vitro Cell Dev Biol** 1985 Aug;21(8):439-44

Characteristics of the translation of thymosin alpha 1 precursor mRNA by cell-free wheat germ system. Evidence for the acetylation of thymosin alpha 1 precursor. Nogueira M, et al. **Int J Biochem** 1985;17(4):533-6

Identification of lactate dehydrogenase-M polypeptide translated in vitro from human and mouse tumor cell poly(A)-containing messenger RNA. Wu GJ, et al. **Int J Biochem** 1985;17(3):355-63

Apolipoprotein C-II mRNA levels in primate liver. Induction by estrogen in the human hepatocarcinoma cell line, HepG2. Archer TK, et al. **J Biol Chem** 1985 Feb 10;260(3):1676-81

Evidence for an increase in transcription of specific mRNAs during differentiation of 3T3-L1 preadipocytes. Bernlohr DA, et al. **J Biol Chem** 1985 May 10;260(9):5563-7

Kinetics of dephosphorylation of eIF-2(alpha P) and reutilization of mRNA. De Benedetti A, et al. **J Biol Chem** 1985 Mar 10;260(5):3135-9

Effects of 5-fluorouracil on dihydrofolate reductase and dihydrofolate reductase mRNA from methotrexate-resistant KB cells. Dolnick BJ, et al. **J Biol Chem** 1985 Mar 10;260(5):3006-14

Alterations in early adenovirus transcription and mRNA abundance induced by translational inhibitors. Eggerding FA. **J Biol Chem** 1985 Jul 15;260(14):8354-9

Nutritional regulation of the synthesis and degradation of malic enzyme messenger RNA in duck liver. Goldman MJ, et al. **J Biol Chem** 1985 Apr 10;260(7):4404-8

Accumulation of porphobilinogen deaminase, uroporphyrinogen decarboxylase, and alpha- and beta-globin mRNAs during differentiation of mouse erythroleukemic cells. Effects of succinylacetone. Grandchamp B, et al. **J Biol Chem** 1985 Aug 15;260(17):9630-5

Synthesis and degradation of type I procollagen mRNAs in cultured human skin fibroblasts and the effect of cortisol. Hämäläinen L, et al. **J Biol Chem** 1985 Jan 25;260(2):720-5

Immunological detection of the messenger RNA cap-binding protein. Hiremath LS, et al. **J Biol Chem** 1985 Jul 5;260(13):7843-9

Regulation of light-harvesting chlorophyll-binding protein mRNA accumulation in Chlamydomonas reinhardi. Possible involvement of chlorophyll synthesis precursors. Johanningmeier U, et al. **J Biol Chem** 1984 Nov 10;259(21):13541-9

Identification of pre-osteonectin produced by cell-free translation of fetal porcine calvarial mRNA. Kuwata F, et al. **J Biol Chem** 1985 Jun 10;260(11):6993-8

Cloning and characterization of DNA complementary to rat liver UDP-glucuronosyltransferase mRNA. Mackenzie PI, et al. **J Biol Chem** 1984 Oct 10;259(19):12153-60

Regulation of specific rat liver messenger ribonucleic acids by triiodothyronine. Magnuson MA, et al. **J Biol Chem** 1985 May 25;260(10):5906-12

Levels of ornithine aminotransferase messenger RNA under conditions of cyclic AMP induction in cultured hepatocytes. Merrill MJ, et al. **J Biol Chem** 1985 Sep 15;260(20):11248-51

ATP-dependent unwinding of messenger RNA structure by eukaryotic initiation factors. Ray BK, et al. **J Biol Chem** 1985 Jun 25;260(12):7651-8

Membrane-bound mRNAs are recruited from preinitiated ribonucleoprotein particles in injected Xenopus oocytes. Richter JD, et al. **J Biol Chem** 1985 Apr 10;260(7):4448-54

Hybridization selection of nucleic acid-protein complexes. 1. Detection of proteins cross-linked to specific mRNAs and DNA sequences by irradiation of intact Escherichia coli cells with ultraviolet light. Schouten JP. **J Biol Chem** 1985 Aug 15;260(17):9916-28

Hybridization selection of covalent nucleic acid-protein complexes. 2. Cross-linking of proteins to specific Escherichia coli mRNAs and DNA sequences by formaldehyde treatment of intact cells. Schouten JP. **J Biol Chem** 1985 Aug 15;260(17):9929-35

Mechanisms of 3-hydroxy-3-methylglutaryl coenzyme A reductase overaccumulation in three compactin-resistant cell lines. Skalnik DG, et al. **J Biol Chem** 1985 Feb 25;260(4):1991-4

Androgen regulation of MAK mRNAs in mouse kidney. Snider LD, et al. **J Biol Chem** 1985 Aug 15;260(17):9884-93

The gene for the beta subunit of bovine luteinizing hormone encodes a gonadotropin mRNA with an unusually short 5'-untranslated region. Virgin JB, et al. **J Biol Chem** 1985 Jun 10;260(11):7072-7

DNA amplification in antifolate-resistant Leishmania. The thymidylate synthase-dihydrofolate reductase gene and abundant mRNAs. Washtien WL, et al. **J Biol Chem** 1985 Jul 5;260(13):7809-12

The differential distribution of beta tubulin mRNAs in individual mammalian brain cells. Griffin WS, et al. **J Cell Biochem** 1985;27(3):205-14

Effect of viral infection on host protein synthesis and mRNA association with the cytoplasmic cytoskeletal structure. Bonneau AM, et al. **J Cell Biol** 1985 Apr;100(4):1209-18

Stability and movement of mRNAs and their encoded proteins in Xenopus oocytes. Drummond DR, et al. **J Cell Biol** 1985 Apr;100(4):1148-56

Glucocorticoids increase amylase mRNA levels, secretory organelles, and secretion in pancreatic acinar AR42J cells. Logsdon CD, et al. **J Cell Biol** 1985 Apr;100(4):1200-8

Hepatic messenger ribonucleic acid activity profiles in experimental azotemia in the rat. Relationship to food intake and thyroid function. Kinlaw WB, et al. **J Clin Invest** 1984 Dec;74(6):1934-41

Diminished type I collagen synthesis and reduced alpha 1(I) collagen messenger RNA in cultured fibroblasts from patients with dominantly inherited (type I) osteogenesis imperfecta. Rowe DW, et al. **J Clin Invest** 1985 Aug;76(2):604-11

Translation and stability of ovalbumin messenger RNA injected into growing oocytes and fertilized ova of mice. Ebert KM, et al. **J Embryol Exp Morphol** 1984 Dec;84:91-103

Ig RNA expression in normal B cells stimulated with anti-IgM antibody and T cell-derived growth and differentiation factors. Nakanishi K, et al. **J Exp Med** 1984 Dec 1;160(6):1736-51

Lack of gene rearrangement and mRNA expression of the beta chain of the T cell receptor in spontaneous rat large granular lymphocyte leukemia lines. Reynolds CW, et al. **J Exp Med** 1985 May 1;161(5):1249-54

Monoclonal antibody OKT11A inhibits and recombinant interleukin 2 (IL 2) augments expression of IL 2 receptors at a pretranslational level. Reed JC, et al. **J Immunol** 1985 Oct;135(4):2478-82

Accumulation of rare and moderately abundant mRNAs in mouse L-cells is mainly post-transcriptionally regulated. Carneiro M, et al. **J Mol Biol** 1984 Oct 5;178(4):869-80

Structure of ribosome-bound messenger RNA as revealed by enzymatic accessibility studies. Kang CW, et al. **J Mol Biol** 1985 Jan 20;181(2):241-51

Regulation of messenger RNA stability in mouse erythroleukemia cells. Krowczynska A, et al. **J Mol Biol** 1985 Jan 20;181(2):231-9

Translational activity of mRNA coding for cytoskeletal brain proteins in newborn and adult mice: a comparative study. Darmon MC, et al. **J Neurochem** 1985 Jun;44(6):1672-8

Regulation of mRNAs for three enzymes in the glial cell model C6 cell line. Kumar S, et al. **J Neurochem** 1984 Nov;43(5):1455-63

Elevation of RNA coding for tyrosine hydroxylase in rat adrenal gland by reserpine treatment and exposure to cold. Tank AW, et al. **J Neurochem** 1985 Oct;45(4):1030-3

Hepatic level of rat albumin messenger RNA is influenced by factors other than dietary protein. Castro CE, et al. **J Nutr** 1985 Apr;115(4):491-5

Frequency and sequence complexity of liver poly(A)+ mRNAs from rats fed fat-free or high fat diets. Castro CE, et al. **J Nutr** 1984 Oct;114(10):1917-23

Brain mRNA translatability in rats: changes during long-term dietary restriction in the developmental period of life. Srivastava US, et al. **J Nutr** 1984 Dec;114(12):2353-64

A system for the translation of receptor messenger-RNA and the study of the assembly of functional receptors. Barnard EA, et al. **J Recept Res** 1984;4(1-6):681-704

Steroidal regulation of rat uterine in vitro mRNA translation products. Komm BS, et al. **J Steroid Biochem** 1984 Nov;21(5):571-7

An hypothesis for explaining the mechanism of translocation in peptide chain synthesis. Dounce AL. **J Theor Biol** 1985 Mar 7;113(1):157-62

Cleavage of nascent reovirus mRNA by localized activation of the 2'-5'-oligoadenylate-dependent endoribonuclease. Baglioni C, et al. **J Virol** 1984 Dec;52(3):865-71

Inhibition of binding to initiation complexes of nascent reovirus mRNA by double-stranded RNA-dependent protein kinase. De Benedetti A, et al. **J Virol** 1985 May;54(2):408-13

mRNA activity of a Sindbis virus defective-interfering RNA. Migliaccio G, et al. **J Virol** 1985 Sep;55(3):877-80

Degradation of cellular mRNAs induced by a virion-associated factor during herpes simplex virus infection of Vero cells. Schek N, et al. **J Virol** 1985 Sep;55(3):601-10

Effects of changes in water-sodium balance on levels of atrial natriuretic factor messenger RNA and peptide in rats. Takayanagi R, et al. **Life Sci** 1985 May 13;36(19):1843-8

Age-dependent changes of nuclear envelope protein phosphokinase and protein phosphatase activities. Significance for altered nucleo-cytoplasmic mRNA translocation during development. Schröder HC, et al. **Mech Ageing Dev** 1984 Sep;27(1):87-95

Organization and processing of the mitochondrial oxi3/oli2 multigenic transcript in yeast. Simon M, et al. **MGG** 1984;196(2):266-74

In vitro translation of mRNA from Toxocara canis larvae. Sugane K, et al. **Mol Biochem Parasitol** 1985 Mar;14(3):275-81

Influence of the xyloadenosine analogue of 2',5'-oligoriboadenylate on poly(A)-specific, 2',5'-oligoriboadenylate degrading 2',3'-exoribonuclease and further enzymes involved in poly(A)(+)mRNA metabolism. Schröder HC, et al. **Mol Biol Rep** 1984 Dec;10(2):83-9

Use of a cell cycle mutant to delineate the critical period for the control of histone mRNA levels in the mammalian cell cycle. Artishevsky A, et al. **Mol Cell Biol** 1984 Nov;4(11):2364-9

Translational efficiency of cMyc mRNA in Burkitt lymphoma cells. Nilsen TW, et al. **Mol Cell Biol** 1984 Oct;4(10):2235-8

Specific regions of beta-globin RNA are resistant to nuclease digestion in RNA-protein complexes in chicken reticulocyte nuclei. Patton JR, et al. **Mol Cell Biol** 1985 Jun;5(6):1220-8

Sequences on the 3' side of hexanucleotide AAUAAA affect efficiency of cleavage at the polyadenylation site. Sadofsky M, et al. **Mol Cell Biol** 1984 Aug;4(8):1460-8

Inhibition of protein synthesis stabilizes histone mRNA. Stimac E, et al. **Mol Cell Biol** 1984 Oct;4(10):2082-90

Stress mRNA metabolism in canavanine-treated chicken embryo cells. White CN, et al. **Mol Cell Biol** 1984 Aug;4(8):1534-41

Phenobarbital induces rat liver apolipoprotein A-I mRNA. Chao YS, et al. **Mol Pharmacol** 1985 Mar;27(3):394-8

Factors influencing the covalent binding of (+/-)-7 beta, 8 alpha-dihydroxy-9 alpha,10 alpha-epoxy-7,8,9,10-tetrahydrobenzo[a]pyrene to ribonucleic acids. Zytkovicz TH, et al. **Mol Pharmacol** 1984 Sep;26(2):269-75

Controlling roles for snurps [news] Turner P. **Nature** 1985 Jul 11-17;316(6024):105-6

Detection of the messenger RNAs coding for the opioid peptide precursors in pituitary and adrenal by 'in situ' hybridization: study in several mammal species. Bloch B, et al. **Neurosci Lett** 1985 Jan 21;53(2):141-8

Multiple polyadenylation sites in a Drosophila tropomyosin gene are used to generate functional mRNAs. Boardman M, et al. **Nucleic Acids Res** 1985 Mar 11;13(5):1763-76

Epidermal growth factor or serum stimulation of rat fibroblasts induces an elevation in mRNA levels for lactate dehydrogenase and other glycolytic enzymes. Matrisian LM, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):711-26

Pea cytochrome oxidase subunit II gene has no intron and generates two mRNA transcripts with different 5'-termini. Moon E, et al. **Nucleic Acids Res** 1985 May 10;13(9):3195-212

Cleavage within an RNase III site can control mRNA stability and protein synthesis in vivo. Panayotatos N, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2227-40

Cross-linking of mRNA to initiation factor eIF-3, 24 kDa cap binding protein and ribosomal proteins S1, S3/3a, S6 and S11 within the 48S pre-initiation complex. Westermann P, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):8887-97

Increased rate of degradation of c-myc mRNA in interferon-treated Daudi cells. Dani C, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4896-9

Extreme instability of myc mRNA in normal and transformed human cells. Dani C, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7046-50

Processing of phosphoenolpyruvate carboxykinase (GTP) RNA in vivo. Hatzoglou M, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4346-50

Activity regulates the levels of acetylcholine receptor alpha-subunit mRNA in cultured chicken myotubes. Klarsfeld A, et al. **Proc Natl Acad Sci USA** 1985 Jul; 82(13):4558-62

Supramolecular assemblies of mRNA direct the coordinated synthesis of type I procollagen chains. Veis A, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3693-7

Electroconvulsive shock increases preproenkephalin messenger RNA abundance in rat hypothalamus. Yoshikawa K, et al. **Proc Natl Acad Sci USA** 1985 Jan; 82(2):589-93

Effects of trichothecenes (T-2 toxin) on protein synthesis in vitro by brain polysomes and messenger RNA. Murthy MR, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985;9(3):251-8

Species differences in cytochromes P450 and their corresponding messenger RNA's. Makowski R, et al. **Q Rev Drug Metab Drug Interact** 1982;4(2-3):123-70 (159 ref.)

Induction of interleukin 2 messenger RNA inhibited by cyclosporin A. Elliott JF, et al. **Science** 1984 Dec 21; 226(4681):1439-41

Making mRNA from a pair of precursors [news] Lewin R. **Science** 1985 Oct 4;230(4721):55

Fibrinogen fragments X, Y, D and E increase levels of plasma fibrinogen and liver mRNAs coding for fibrinogen polypeptides in rats. Princen HM, et al. **Thromb Haemost** 1985 Apr 22;53(2):212-5

The effects of calcium and vitamin D metabolites on cytoplasmic mRNA coding for pre-proparathyroid hormone in isolated parathyroid cells. Russell J, et al. **Trans Assoc Am Physicians** 1984;97:296-303

Prosomes are involved in the repression of viral mRNA. Horsch A, et al. **Z Naturforsch [C]** 1985 May-Jun; 40(5-6):449-50

[Characterization of specific receptors for estradiol, induction of vitellogenin and its mRNA in the liver of rainbow trout (Salmo gairdnerii)] Maitre JL, et al. **Biochimie** 1985 Feb; 67(2):215-25 (Eng. Abstr.) **(Fre)**

[Demonstration of a sudden change in the use of codons in the vicinity of transcription termination] Limaiem J, et al. **C R Acad Sci [III]** 1984;299(8):275-80 (Eng. Abstr.) **(Fre)**

[Nucleocytoplasmic transport of mRNA and its relevance to the mechanism of mobilization of maternal mRNA in Xenopus embryos] Shiokawa K. **Tanpakushitsu Kakusan Koso** 1984 Jun;29(6):405-29 (122 ref.) **(Jpn)**

[Affinity modification of Escherichia coli ribosomes with photoactivated analogs of mRNA] Gimautdinova OI, et al. **Mol Biol (Mosk)** 1984 Jul-Aug;18(4):907-18 (Eng. Abstr.) **(Rus)**

[Mechanism of the stereospecific stabilization of codon-anticodon complexes in ribosomes during translation] Potapov AP. **Zh Obshch Biol** 1985 Jan-Feb; 46(1):63-77 (83 ref.) (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Induction of muscarinic cholinergic responsiveness in Xenopus oocytes by mRNA isolated from rat brain. Sugiyama H, et al. **Brain Res** 1985 Jul 15;338(2):346-50

Slowly inactivating potassium channels induced in Xenopus oocytes by messenger ribonucleic acid from Torpedo brain. Gundersen CB, et al. **J Physiol (Lond)** 1984 Aug;353:231-48

Choline acetyltransferase and acetylcholine in Xenopus oocytes injected with mRNA from the electric lobe of Torpedo. Gundersen CB, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):608-11

PHYSIOLOGY

An early role of maternal mRNA in establishing the dorsoventral pattern in pelle mutant Drosophila embryos. Müller-Holtkamp F, et al. **Dev Biol** 1985 Jul;110(1):238-46

Cardiac myosin heavy chain isozymic transitions during development and under pathological conditions are regulated at the level of mRNA availability. Mahdavi V, et al. **Eur Heart J** 1984 Dec;5 Suppl F:181-91

Pancreatic stone protein. I. Evidence that it is encoded by a pancreatic messenger ribonucleic acid. Giorgi D, et al. **Gastroenterology** 1985 Aug;89(2):381-6

Estradiol regulation of secretory component in the uterus of the rat: evidence for involvement of RNA synthesis. Wira CR, et al. **J Immunol** 1984 Nov;133(5):2624-8

RADIATION EFFECTS

Comparative analysis of UV-induced mutability of ten different codon units in position 211 of the Escherichia coli trpA gene. Langhammer R, et al. **MGG** 1984; 196(3):530-2

RNA, MESSENGER, SPLICING see **RNA SPLICING**

RNA METHYLASES see **RNA, TRANSFER, METHYLTRANSFERASES**

RNA, NEOPLASM

ANALYSIS

Heterogeneity of non-Hodgkin's lymphoma probed by nucleic acid cytometry. Srigley J, et al. **Blood** 1985 May; 65(5):1090-6

DNA and RNA determination in 111 cases of childhood acute lymphoblastic leukaemia (ALL) by flow cytometry: correlation of FAB classification with DNA stemline and proliferation. Suarez C, et al. **Br J Haematol** 1985 Aug; 60(4):677-86

Distribution and content of nuclear and cellular RNA among cell populations of acute lymphoblastic and nonlymphoblastic leukemia. Walle AJ. **Cancer Res** 1985 Oct;45(10):5193-5

Changes in nucleolar and ribosomal RNA of the frog kidney after malignant transformation by the Lucke tumor herpesvirus. Tweedell KS, et al. **Exp Cell Biol** 1984; 52(3):196-206

Oncogene expression in human tumors. Tatosyan AG, et al. **Int J Cancer** 1985 Jun 15;35(6):731-6

Primary and secondary structure of 7-3 (K) RNA of Novikoff hepatoma. Reddy R, et al. **J Biol Chem** 1984 Oct 10;259(19):12265-70

DNA-RNA measurements in patients with acute leukemia undergoing remission induction therapy. Maddox AM, et al. **J Clin Oncol** 1985 Jun;3(6):799-808

Cloning of DNA corresponding to rare transcripts of rat brain: evidence of transcriptional and post-transcriptional control and of the existence of nonpolyadenylated transcripts. Brilliant MH, et al. **Mol Cell Biol** 1984 Oct; 4(10):2187-97

Polyamines and nucleic acids in gestational trophoblastic tumors. Romano M, et al. **Tumori** 1985 Feb 28;71(1):35-8

[Cytofluorometric analysis of cell kinetics in relation to tumor growth of advanced gastric cancers] Kamachi M, et al. **Gan No Rinsho** 1984 Nov;30(14):1759-66 (Eng. Abstr.) **(Jpn)**

[DNA-RNA cytofluorometric analysis of a case of osteosarcoma in relation to histological characteristics] Takeshita H, et al. **Gan No Rinsho** 1985 Jan;31(1):57-64 (Eng. Abstr.) **(Jpn)**

[Cell kinetics and nuclear ploidy pattern in relation to the growth of gastric cancers as analyzed by DNA-RNA cytofluorometry] Kamachi M, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2342-7 (Eng. Abstr.) **(Jpn)**

ANTAGONISTS & INHIBITORS

[Inhibitor interaction in the suppression of ribosomal RNA synthesis in Ehrlich ascites carcinoma cells] Akhlynina TV, et al. **Tsitologiia** 1984 Nov;26(11):1313-8 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

RNA and protein synthesis of irradiated Ehrlich ascites tumour cells. I. In vivo investigations related to the cell cycle. Skog S, et al. **Acta Radiol [Oncol]** 1985 Jul-Aug; 24(4):375-82

Increase of globin RNA synthesis induced by phosphatidylserine liposomes in isolated erythroleukemic cell nuclei. Morphological and functional features. Cocco L, et al. **Biol Cell** 1985;54(1):49-56

Effect of hemin on poly (A)-containing RNA synthesis and transport from nucleus into cytoplasm in Friend cells of the Fw line. Fuchs O, et al. **Biomed Biochim Acta** 1984; 43(6):S94-7

On the use of alpha-amanitin as a transcriptional blocking agent in mouse embryos: a cautionary note. Kidder GM, et al. **J Exp Zool** 1985 Jan;233(1):155-9

Malignant transformation and tumor promoter treatment increase levels of a transcript for a secreted glycoprotein. Doherty PJ, et al. **Mol Cell Biol** 1985 Mar;5(3):466-73

Inhibition of macromolecular synthesis in P388 mouse leukemia ascites cells by bouvardin (NSC 259968). Chitnis M, et al. **Tumori** 1985 Jun 30;71(3):261-6

[Effects of aclacinomycin B on biological macromolecular contents and synthesis of L1210 cells] Li ZR, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Jun; 6(3):174-8 (Eng. Abstr.) **(Chi)**

[Effects of hematoporphyrin derivatives--photoirradiation on DNA and RNA synthesis in L1210 cells] Li ZR, et al. **Yao Hsueh Hsueh Pao** 1985 Jan;20(1):17-20 (Eng. Abstr.) **(Chi)**

[Hormonal induction of tyrosine aminotransferase and RNA synthesis in the cells of Morris hepatoma strain 7777] Krasil'nikov MA, et al. **Biokhimiia** 1985 Apr;50(4):686-92 (Eng. Abstr.) **(Rus)**

[Characteristics of nucleic acid secreted by Ehrlich ascites carcinoma cells] Agliullina DG, et al. **Eksp Onkol** 1984; 6(2):29-32 (Eng. Abstr.) **(Rus)**

[Effect of levorin on RNA synthesis in Ehrlich ascites carcinoma cells] Gorozhankina IS, et al. **Eksp Onkol** 1984; 6(4):33-5 (Eng. Abstr.) **(Rus)**

[Dependence of the nature of the action of metabolic inhibitors on ribosomal RNA synthesis in Ehrlich ascites carcinoma cells on cell integrity] Akhlynina TV, et al. **Tsitologiia** 1985 Mar;27(3):348-52 (Eng. Abstr.) **(Rus)**

GENETICS

The quantitative determination of metabolites of 6-mercaptopurine in biological materials. VI. Evidence for posttranscriptional modification of 6-thioguanosine residues in RNA from L5178Y cells treated with 6-mercaptopurine. Breter HJ. **Biochim Biophys Acta** 1985 May 24;825(1):39-44

Adenovirus VA RNAI mediates a translational stimulation which is not restricted to the viral mRNAs. Svensson C, et al. **EMBO J** 1985 Apr;4(4):957-64

Highly efficient RNA-synthesizing system that uses isolated human mitochondria: new initiation events and in vivo-like processing patterns. Gaines G, et al. **Mol Cell Biol** 1984 Aug;4(8):1605-17

An 8-kilobase abl RNA transcript in chronic myelogenous leukemia. Gale RP, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5648-52

Expression of a cytoplasmic LINE-1 transcript is regulated in a human teratocarcinoma cell line. Skowronski J, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6050-4

[Absence of point mutation in the 12th codon of the c-Ha-ras1 transforming genes of human breast and stomach cancer, melanoma and neuroblastoma] Kniazev PG, et al. **Dokl Akad Nauk SSSR** 1985;282(6):1487-9 **(Rus)**

[Suppression of immunoglobulin synthesis in myeloma MORS 21 cells by an alkylating oligonucleotide derivative complementary to the mRNA coding for light-chain immunoglobulin] Vlasov VV, et al. **Dokl Akad Nauk SSSR** 1984;276(5):1263-5 **(Rus)**

ISOLATION & PURIFICATION

Papillomavirus genomes in human cervical tumors: analysis of their transcriptional activity. Lehn H, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5540-4

[Method of obtaining immune RNA for use in the complex treatment of leukemia] Blinov IN, et al. **Gematol Transfuziol** 1985 Apr;30(4):26-9 (Eng. Abstr.) **(Rus)**

METABOLISM

Effect of sodium butyrate on the complexity and the translation activity of hepatoma tissue-cultured cell RNAs. Raymondjean M, et al. **Biol Cell** 1985;54(1):39-48

Re-evaluation of the site of transcription in Ehrlich tumour cell nucleoli. Thiry M, et al. **Biol Cell** 1985;54(1):57-64

Posttranscriptional mechanisms are responsible for accumulation of truncated c-myc RNAs in murine plasma cell tumors. Piechaczyk M, et al. **Cell** 1985 Sep; 42(2):589-97

[Template-bound RNA polymerase II is concentrated in the nuclear skeleton-contiguous DNA fraction and preserves the capability of elongating the RNA chains in nuclear matrix preparations] Razin SV, et al. **Dokl Akad Nauk SSSR** 1985 Mar-Apr;281(1):220-3 **(Rus)**

RNA NUCLEOTIDYLTRANSFERASES

ANALYSIS

Paradoxes of in situ polyacrylamide gel assays for DNA polymerase priming. Banks GR. **Adv Exp Med Biol** 1984 179:287-93

Comparison of the virus-associated polymerases of cytoplasmic polyhedrosis virus types 1 and 2. Mertens PP, et al. **Intervirology** 1984;22(2):104-9

Polypeptide structure of DNA primase from a yeast DNA polymerase-primase complex. Plevani P, et al. **J Biol Chem** 1985 Jun 10;260(11):7102-7

Poliovirus RNA-dependent RNA polymerase and host cell protein synthesize product RNA twice the size of poliovirion RNA in vitro. Young DC, et al. **J Virol** 1985 May;54(2):256-64

GENETICS

Plasmid DNA primases and their role in bacterial conjugation. Wilkins BM, et al. **Basic Life Sci** 1985 30:585-603

Synthesis and functional activity of translation initiation regions in mRNA. 20-base polyribonucleotides from the replicase gene of phage MS2 and fr. Renhof R, et al. **FEBS Lett** 1985 Jun 17;185(2):277-81

Sequence of the viral replicase gene from foot-and-mouth disease virus C1-Santa Pau (C-S8). Martínez-Salas E, et al. **Gene** 1985;35(1-2):55-61

Novel dnaG mutation in a dnaP mutant of Escherichia coli. Murakami Y, et al. **J Bacteriol** 1985 May;162(2):830-2

Bacillus subtilis dnaE encodes a protein homologous to DNA primase of Escherichia coli. Wang LF, et al. **J Biol Chem** 1985 Mar 25;260(6):3368-72

Conjugative transfer of IncI1 plasmid DNA primase. Chatfield LK, et al. **MGG** 1984;197(3):461-6

Amber dnaG mutation exerting a polar effect on the synthesis of RNA polymerase sigma factor in Escherichia coli. Nakamura Y. **MGG** 1984;196(1):179-82

Analysis of the R16 plasmid primase gene. Dalrymple BP, et al. **Plasmid** 1984 Nov;12(3):206-10

Mouse DNA polymerase alpha-primase terminates and reinitiates DNA synthesis 2-14 nucleotides upstream of C2A1-2(C2-3/T2) sequences on a minute virus of mice DNA template. Faust EA, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4023-7

Initiation of enzymatic replication at the origin of the Escherichia coli chromosome: primase as the sole priming enzyme. van der Ende A, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):3954-8

ISOLATION & PURIFICATION

Purification of a DNA polymerase-DNA primase complex from calf thymus glands. Chang LM, et al. **J Biol Chem** 1984 Dec 10;259(23):14679-87

Messenger RNA guanylyltransferase from Saccharomyces cerevisiae. I. Purification and subunit structure. Itoh N, et al. **J Biol Chem** 1984 Nov 25;259(22):13923-9

A DNA primase from yeast. Purification and partial characterization. Jazwinski SM, et al. **J Biol Chem** 1985 Apr 25;260(8):4995-5002

Purification of a DNA primase activity from the yeast Saccharomyces cerevisiae. Primase can be separated from DNA polymerase I. Wilson FE, et al. **J Biol Chem** 1985 Jul 5;260(13):8173-81

METABOLISM

Properties of the primase activity of the 9 S DNA polymerase alpha from calf thymus. Krauss G, et al. **Adv Exp Med Biol** 1984;179:307-11

Function and properties of RP4 DNA primase. Lanka E, et al. **Adv Exp Med Biol** 1984;179:265-80

Association between primase and DNA polymerase alpha in murine cells. Philippe M, et al. **Adv Exp Med Biol** 1984; 179:295-305

De novo DNA synthesis by yeast DNA polymerase I associated with primase activity. Plevani P, et al. **Adv Exp Med Biol** 1984;179:281-6

Influenza-C-virion-associated RNA-dependent RNA-polymerase activity. Nagele A, et al. **Biosci Rep** 1984 Aug;4(8):703-6

Poliovirus replicase stimulation by terminal uridylyl transferase. Andrews NC, et al. **J Biol Chem** 1985 Jun 25; 260(12):7628-35

The primase activity of DNA polymerase alpha from calf thymus. Grosse F, et al. **J Biol Chem** 1985 Feb 10; 260(3):1881-8

Initiation of DNA synthesis by the calf thymus DNA polymerase-primase complex. Holmes AM, et al. **J Biol Chem** 1985 Sep 5;260(19):10840-6

Messenger RNA guanlyltransferase from Saccharomyces cerevisiae. II. Catalytic properties. Itoh N, et al. **J Biol Chem** 1984 Nov 25;259(22):13930-6

Oligonucleotide synthesis by Escherichia coli dnaG primase in conjunction with phage P22 gene 12 protein. Wickner S. **J Biol Chem** 1984 Nov 25;259(22):14044-7

DNA primase-DNA polymerase alpha from simian cells. Modulation of RNA primer synthesis by ribonucleoside triphosphates. Yamaguchi M, et al. **J Biol Chem** 1985 May 25;260(10):6254-63

Purification of a soluble template-dependent rhinovirus RNA polymerase and its dependence on a host cell protein for viral RNA synthesis. Morrow CD, et al. **J Virol** 1985 Jan; 53(1):266-72

DNA primase-DNA polymerase alpha from simian cells: sequence specificity of initiation sites on simian virus 40 DNA. Yamaguchi M, et al. **Mol Cell Biol** 1985 May; 5(5):1170-83

Conformational requirements of tobacco mosaic virus RNA for aminoacylation and adenylation. Joshi RL. et al. **Nucleic Acids Res** 1985 Jan 25;13(2):347-54

Preparation of oligonucleotides corresponding to the acceptor stem of yeast tRNAPhe and their interaction with yeast ATP(CTP):tRNA nucleotidyltransferase. Wang GH, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6909-22

Initiation of enzymatic replication at the origin of the Escherichia coli chromosome: contributions of RNA polymerase and primase. Ogawa T, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3562-6

PHARMACODYNAMICS

Initiation, elongation and pausing of in vitro DNA synthesis catalyzed by immunopurified yeast DNA primase: DNA polymerase complex. Badaracco G, et al. **EMBO J** 1985 May;4(5):1313-7

RNA PHAGES

DRUG EFFECTS

[Enhanced formation of plaque in RNA phages/bacteria systems under the effect of surface-active preparations] Menzel G. **J Basic Microbiol** 1985;25(1):43-9 (Eng. Abstr.) **(Ger)**

GENETICS

Synthesis and functional activity of translation initiation regions in mRNA. 20-base polyribonucleotides from the replicase gene of phage MS2 and fr. Renhof R, et al. **FEBS Lett** 1985 Jun 17;185(2):277-81

PHYSIOLOGY

Phage pilH alpha: a phage which adsorbs to IncHI and IncHII plasmid-coded pili. Coetzee JN, et al. **J Gen Microbiol** 1985 May;131 (Pt 5):1115-21

RNA POLYMERASE I

ANTAGONISTS & INHIBITORS

Reduction in RNA synthesis following red cell-mediated microinjection of antibodies to RNA polymerase I. Schlegel RA, et al. **Cell Biol Int Rep** 1985 Apr;9(4):341-50

Inhibitory effects of 9-beta-D-xylofuranosyladenine 5'-triphosphate on DNA-dependent RNA polymerase I and II from cherry salmon (Oncorhynchus masou). Nakayama C, et al. **J Biochem (Tokyo)** 1985 May; 97(5):1385-9

GENETICS

Comparison of the active and inactive chromatin structures of genes transcribed by RNA polymerases I and II. Lohr DE. **Cell Biophys** 1984 Jun;6(2):87-102

Allele-specific suppression of dnaA(Ts) mutations by rpoB mutations in Escherichia coli. Atlung T. **MGG** 1984; 197(1):125-8

Effect of intercalating agents on RNA polymerase I promoter selection in Xenopus laevis. Pruitt SC, et al. **Mol Cell Biol** 1984 Dec;4(12):2851-7

Transcription of herpes simplex virus tk sequences under the control of wild-type and mutant human RNA polymerase I promoters. Smale ST, et al. **Mol Cell Biol** 1985 Feb; 5(2):352-62

Structure of a Neurospora RNA polymerase I promoter defined by transcription in vitro with homologous extracts. Tyler BM, et al. **Nucleic Acids Res** 1985 Jun 25; 13(12):4311-32

Efficient transcription of a protein-coding gene from the RNA polymerase I promoter in transfected cells. Grummt I, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):722-6

ISOLATION & PURIFICATION

Intranuclear compartmentalization of DNA-dependent RNA polymerases: association of RNA polymerase I with nucleolar organizing chromosomes. Matsui S, et al. **Chromosoma** 1985;92(1):1-6

Purification and subunit structure of RNA polymerases I and II from Dictyostelium discoideum vegetative cells. Renart MF, et al. **Mol Cell Biochem** 1985 Feb;66(1):21-9

METABOLISM

Lack of correlation between liver RNA polymerase I and ornithine decarboxylase activities after re-feeding of protein-depleted mice. Iapalucci-Espinoza S, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(2):157-62

Faithful initiation of ribosomal RNA transcription from cloned DNA by purified RNA polymerase I. Paule MR, et al. **Biochemistry** 1984 Aug 28;23(18):4167-72

Characterization of a crude selective PolI transcription system from Tetrahymena pyriformis. Sutiphong J, et al. **Biochemistry** 1984 Dec 13;23(26):6319-26

Stimulation of RNA polymerases I and II from mouse L1210 leukemia and Ehrlich ascites carcinoma cells by spermine and spermidine and its modification by ammonium sulfate. Blair DG. **Int J Biochem** 1984;16(12):1415-22

Utilizations of various uridine 5'-triphosphate analogues by DNA-dependent RNA polymerases I and II purified from liver nuclei of the cherry salmon (Oncorhynchus masou). Nakayama C, et al. **J Biochem (Tokyo)** 1984 Nov; 96(5):1501-9

Phosphorylation of RNA polymerase I augments its interaction with autoantibodies of systemic lupus erythematosus patients. Stetler DA, et al. **J Biol Chem** 1984 Nov 25;259(22):13629-32

Characterization of an RNA polymerase I-dependent promoter within the spacer region of yeast ribosomal cistrons. Swanson ME, et al. **J Biol Chem** 1985 Aug 15; 260(17):9905-15

Glucocorticoids modify the rate of ribosomal RNA synthesis in rat thymus cells by regulating the polymerase elongation rate. Dembinski TC, et al. **J Steroid Biochem** 1984 Nov; 21(5):497-504

Purification and characterization of a transcription factor that confers promoter specificity to human RNA polymerase I. Learned RM, et al. **Mol Cell Biol** 1985 Jun;5(6):1358-69

In vitro evidence that eukaryotic ribosomal RNA transcription is regulated by modification of RNA polymerase I. Paule MR, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8161-80

A purified fraction containing RNA polymerase I that can accurately transcribe rat ribosomal RNA gene. Kurl RN, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6672-5

RNA POLYMERASE II

Purification and characterization of ternary complexes containing accurately initiated RNA polymerase II and less than 20 nucleotides of RNA. Coppola JA, et al. **J Mol Biol** 1984 Sep 15;178(2):415-37

ANALYSIS

Immunological analysis of eukaryotic transcription factor S-II in a HeLa cell lysate. Sekimizu K, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):956-61

Effect of phenobarbital on the activity of RNA polymerase II during diethylnitrosamine-induced hepatocarcinogenesis in the rat. Kikuchi H, et al. **Cancer Lett** 1985 Mar; 26(2):201-6

Two species of chromatin-RNA polymerase II complex are commonly present in nuclei of various tissues of rats. Inaba M, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1337-42

Decreased estrogenic stimulation of RNA polymerase II in aged rat uteri is apparently due to reduced nuclear binding of receptor-estradiol complexes. Chuknyiska RS, et al. **J Biol Chem** 1985 Jul 25;260(15):8661-3

ANTAGONISTS & INHIBITORS

Inhibition by flavonoids of RNA synthesis in permeable WI-38 cells and of transcription by RNA polymerase II. Nose K. **Biochem Pharmacol** 1984 Dec 1;33(23):3823-7

Zinc deficiency and the Euglena gracilis chromatin: formation of an alpha-amanitin-resistant RNA polymerase II. Falchuk KH, et al. **Biochemistry** 1985 May 7; 24(10):2576-80

Inhibitory effects of 9-beta-D-xylofuranosyladenine 5'-triphosphate on DNA-dependent RNA polymerase I and II from cherry salmon (Oncorhynchus masou). Nakayama C, et al. **J Biochem (Tokyo)** 1985 May; 97(5):1385-9

Inhibitory effect of 5,6-dichloro-1-beta-D-ribofuranosylbenzimidazole on a protein kinase. Zandomeni R, et al. **J Biol Chem** 1984 Dec 10;259(23):14804-11

[Kinetics of the interaction of methylene diphosphonic acid and inorganic pyrophosphate with DNA-dependent RNA-polymerase from calf thymus] Fomovskaia GN, et al. **Biokhimiia** 1985 May;50(5):839-43 (Eng. Abstr.) **(Rus)**

[The influence of diphosphonic analogues of inorganic pyrophosphate on reactions catalyzed by DNA-dependent RNA-polymerase II.] Komissarenko SV, et al. **Ukr Biokhim Zh** 1985 Mar-Apr;57(2):62-6 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Is actin a transcription initiation factor for RNA polymerase B? Egly JM, et al. **EMBO J** 1984 Oct;3(10):2363-71

GENETICS

Extensive homology among the largest subunits of eukaryotic and prokaryotic RNA polymerases. Allison LA, et al. **Cell** 1985 Sep;42(2):599-610

Structure of the eukaryotic transcription apparatus: features of the gene for the largest subunit of Drosophila RNA polymerase II. Biggs J, et al. **Cell** 1985 Sep;42(2):611-21

Comparison of the active and inactive chromatin structures of genes transcribed by RNA polymerases I and II. Lohr DE. **Cell Biophys** 1984 Jun;6(2):87-102

In vitro transcription of herpes simplex virus genes: identification of a new initiation site and second intervening sequence in the immediate-early RNA-5 gene. Fontichiaro KL, et al. **J Virol** 1985 Jan;53(1):235-42

Clonal analysis of two mutations in the large subunit of RNA polymerase II of Drosophila. Mortin MA, et al. **MGG** 1985; 199(3):421-6

Functional RNA polymerase II promoters in solitary retroviral long terminal repeats (LTR-IS elements). Köhrer K, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2631-45

Specific protein binding to far upstream activating sequences in polymerase II promoters. Bram RJ, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):43-7

ISOLATION & PURIFICATION

Purification and immunological analysis of RNA polymerase II from Caenorhabditis elegans. Sanford T, et al. **J Biol Chem** 1985 Jul 5;260(13):8064-9

Purification and subunit structure of RNA polymerases I and II from Dictyostelium discoideum vegetative cells. Renart MF, et al. **Mol Cell Biochem** 1985 Feb;66(1):21-9

METABOLISM

Location of DNA and nucleotide binding sites on wheat germ RNA polymerase II. Bateman E, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):569-76

Exposure of DNA to methyl mercury results in an increase in the rate of its transcription by RNA polymerase II. Frenkel GD, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):849-56

Conformational change of DNA binding subunit of RNA polymerase II on binding to DNA. Horikoshi M, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):141-7

A large-molecular-weight regulating factor for chromatin-dependent RNA polymerase II reactions in rat liver cytoplasm. Okai Y. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):286-92

Poly (ADP-ribosyl)ation of RNA polymerase II from wheat germ. Taniguchi T, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):526-32

Studies on transcription of 3'-extended templates by mammalian RNA polymerase II. Parameters that affect the initiation and elongation reactions. Dedrick RL, et al. **Biochemistry** 1985 Apr 23;24(9):2245-53

Studies on transcription of 3'-extended DNA templates by mammalian RNA polymerase II. Partial purification and characterization of a factor from HeLa cells that facilitates renaturation of the DNA template. Kane CM, et al. **Biochemistry** 1985 Apr 23;24(9):2254-62

Correlation in isolated nuclei of template-engaged RNA polymerase II, ovalbumin mRNA synthesis, and estrogen receptor concentrations. Taylor RN, et al. **Biochemistry** 1985 Mar 12;24(6):1275-80

Characterization of the DNA of the hamster papovavirus: II. A comparison of binding sites for Escherichia coli- and calf thymus RNA polymerase II on the hamster papovavirus genome. Vogel F, et al. **Biomed Biochim Acta** 1985;44(2):235-41

Formation of the 3' end of U1 snRNA is directed by a conserved sequence located downstream of the coding region. Hernandez N. **EMBO J** 1985 Jul;4(7):1827-37

Synthetic donor and acceptor splice sites function in an RNA polymerase B (II) transcription unit. Rautmann G, et al. **EMBO J** 1984 Sep;3(9):2021-8

Primer-independent abortive initiation by wheat-germ RNA polymerase B (II). Mosig H, et al. **Eur J Biochem** 1985 Jun 3;149(2):337-43

Effect of cGMP on RNA polymerase II activities in fetal calf liver nuclei and in purified enzyme preparations. Canas PE, et al. **Exp Biol** 1984;43(1):5-11

Initiated complexes of RNA polymerase II are concentrated in the nuclear skeleton associated DNA. Razin SV, et al. **Exp Cell Res** 1985 May;158(1):273-5

Stimulation of RNA polymerases I and II from mouse L1210 leukemia and Ehrlich ascites carcinoma cells by spermine and spermidine and its modification by ammonium sulfate. Blair DG. **Int J Biochem** 1984;16(12):1415-22

Utilizations of various uridine 5'-triphosphate analogues by DNA-dependent RNA polymerases I and II purified from liver nuclei of the cherry salmon (Oncorhynchus masou). Nakayama C, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1501-9

Accurate transcription initiation in an Ehrlich ascites tumor cell lysate. Ohtsuki M, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1267-72

Enhancement of the frequency of initiation by a stimulatory protein of RNA polymerase II. Sekimizu K, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1859-65

Activation of in vitro transcription and topology of closed DNA domains. Di Mauro E, et al. **J Biol Chem** 1985 Jan 10;260(1):152-9

Separation and partial characterization of three functional steps in transcription initiation by human RNA polymerase II. Hawley DK, et al. **J Biol Chem** 1985 Jul 5;260(13):8163-72

Structural relationships of the three stimulatory factors of RNA polymerase II from Ehrlich ascites tumor cells. Horikoshi M, et al. **J Biol Chem** 1985 May 10;260(9):5739-44

Phosphorylation of rat C6 glioma cell DNA-dependent RNA polymerase II in vivo. Identification of phosphorylated subunits and modulation of phosphorylation by isoproterenol and N6,O2'-dibutyryl cyclic AMP. Lee SK, et al. **J Biol Chem** 1984 Dec 10;259(23):14695-701

Isolation of three proteins that bind to mammalian RNA polymerase II. Sopta M, et al. **J Biol Chem** 1985 Aug 25;260(18):10353-60

Lack of an effect of estrogen on endogenous RNA polymerase II in guinea pig brain. Wilcox JN, et al. **J Steroid Biochem** 1984 Nov;21(5):513-8

An increase of the regulating factor for chromatin-dependent RNA polymerase II reactions in the tightly-bound chromatin fraction by glucocorticoid injection. Okai Y. **Mol Biol Rep** 1985 Apr;10(3):169-71

Metabolism and expression of RNA polymerase II transcripts in influenza virus-infected cells. Katze MG, et al. **Mol Cell Biol** 1984 Oct;4(10):2198-206

Premature termination by human RNA polymerase II occurs temporally in the adenovirus major late transcriptional unit. Mok M, et al. **Mol Cell Biol** 1984 Oct;4(10):2031-40

Simian virus 40 enhancer increases number of RNA polymerase II molecules on linked DNA. Treisman R, et al. **Nature** 1985 May 2-8;315(6014):73-5

Simian virus 40 enhancer increases RNA polymerase density within the linked gene. Weber F, et al. **Nature** 1985 May 2-8;315(6014):75-7

Eukaryotic ternary transcription complexes: transcription complexes of RNA polymerase II are associated with histone-containing, nucleosome-like particles in vivo. Sargan DR, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):3805-22

Isolated uterine nuclei and cytosol receptors of aged rats exhibit impaired estrogenic stimulation of RNA polymerase II. Haji M, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7481-4

Pausing and premature termination of human RNA polymerase II during transcription of adenovirus in vivo and in vitro. Maderious A, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):5931-5

Isolation of stable preinitiation, initiation, and elongation complexes from RNA polymerase II-directed transcription. Safer B, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2632-6

Factors involved in specific transcription by human RNA polymerase II: analysis by a rapid and quantitative in vitro assay. Sawadogo M, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4394-8

Accurate transcription of cloned Neurospora RNA polymerase II-dependent genes in vitro by homologous soluble extracts. Tyler BM, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5450-4

Preferential recognition of DNA by dimeric RNA polymerase II. An electron microscopic study. Okai Y. **Sangyo Ika Daigaku Zasshi** 1983 Mar 1;5(1):27-33

[Template-bound RNA polymerase II is concentrated in the nuclear skeleton-contiguous DNA fraction and preserves the capability of elongating the RNA chains in nuclear matrix preparations] Razin SV, et al. **Dokl Akad Nauk SSSR** 1985 Mar-Apr;281(1):220-3 **(Rus)**

RNA POLYMERASE III see under **RNA POLYMERASES**

RNA POLYMERASES

Isolation of a cAMP receptor protein from yeast mitochondria (Mr 45000) and comparison with mitochondrial RNA polymerase (Mr 45000). Bandlow W, et al. **Biol Chem Hoppe Seyler** 1985 Jun;366(6):545-53

Effects of temperature and single-stranded DNA on the interaction of an RNA polymerase III transcription factor with a tRNA gene. Stillman DJ, et al. **Cell** 1985 Feb;40(2):311-7

ANALYSIS

[Primary structure of the E. coli DNA-dependent RNA-polymerase beta'-subunit. Hydrolysis with trypsin] Bogachuk AP, et al. **Bioorg Khim** 1984 Jun;10(6):751-75 (Eng. Abstr.) **(Rus)**

[Physico-chemical properties of DNA-dependent RNA-polymerase from Escherichia coli and its subunits] Deshko TN, et al. **Bioorg Khim** 1984 May;10(5):641-7 (Eng. Abstr.) **(Rus)**

[Topography of cysteine residues in DNA-dependent RNA-polymerase] Seliuchenko OA, et al. **Bioorg Khim** 1985 Apr;11(4):480-91 (Eng. Abstr.) **(Rus)**

[Identification of the histidine residue in the active center of Escherichia coli RNA-polymerase] Grachev MA, et al. **Dokl Akad Nauk SSSR** 1985;281(3):723-7 **(Rus)**

ANTAGONISTS & INHIBITORS

The effect of hydroxycamptothecin in the activity of RNA and DNA polymerases prepared from murine hepatoma cells. Xu B, et al. **Am J Chin Med** 1985;13(1-4):23-31

On the inhibition of the RNA polymerase-catalysed synthesis of RNA by daunomycin. Interference of the inhibitor with elongation and pre-longation steps. Kriebardis T, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):914-20

Inhibition of DNA-dependent RNA polymerase from Escherichia coli by pyran copolymer. O'Connor DL, et al. **Biochem Int** 1983 Apr;6(4):489-96

Resistance in inhibitors of RNA polymerase in actinomycetes which produce them. Blanco MG, et al. **J Gen Microbiol** 1984 Nov;130 (Pt 11):2883-91

Correlation of structure and activity in ansamycins: structure, conformation, and interactions of antibiotic rifamycin S. Arora SK. **J Med Chem** 1985 Aug;28(8):1099-102

[Effect of 10-hydroxycamptothecin on nuclear RNA polymerase activity in hepatoma cells in mice] Ling YH, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Sep;5(3):211-3 (Eng. Abstr.) **(Chi)**

[RNA polymerase-rifamycin. A molecular model of inhibition] Chertov OIu, et al. **Bioorg Khim** 1983 May;9(5):633-40 (Eng. Abstr.) **(Rus)**

[The influence of diphosphonic analogues of inorganic pyrophosphate on activity of RNA-polymerases from the calf thymus.] Komissarenko SV, et al. **Ukr Biokhim Zh** 1985 Mar-Apr;57(2):56-62 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Necessity of polyamines for maximum in vivo synthesis of beta beta' subunits of RNA polymerase. Mitsui K, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):528-34

Autogenous posttranscriptional regulation of RNA polymerase beta and beta' subunit synthesis in Escherichia coli. Dennis PP, et al. **J Bacteriol** 1985 Feb;161(2):803-6

GENETICS

Expression of silent genes: possible interaction between DNA gyrase and RNA polymerase. Ephrati-Elizur E, et al. **Adv Exp Med Biol** 1984;179:435-40

Mechanism and control of transcription initiation in prokaryotes. McClure WR. **Annu Rev Biochem** 1985;54:171-204 (200 ref.)

Detection of cytogenetic regions influencing RNA polymerase activity in Drosophila melanogaster by segmental aneuploid mapping. Willms J, et al. **Can J Genet Cytol** 1984 Dec;26(6):682-91

Extensive homology among the largest subunits of eukaryotic and prokaryotic RNA polymerases. Allison LA, et al. **Cell** 1985 Sep;42(2):599-610

Transcription in methanogens. Evidence for specific in vitro transcription of the purified DNA-dependent RNA polymerase of Methanococcus thermolithotrophicus. Thomm M, et al. **Eur J Biochem** 1985 Jun 3;149(2):345-51

Salmonella typhimurium rpoB and rpoC genes cloned in lambda phages. Tittawella IP. **FEBS Lett** 1985 Jun 3;185(1):33-6

In vitro stimulation of Escherichia coli RNA polymerase sigma subunit synthesis by NusA protein. Peacock S, et al. **Gene** 1985;33(2):227-34

Nucleotide sequence of a major class-III phage-T3 RNA-polymerase promoter located at 98.0% of phage-T3 genetic map. Sarkar P, et al. **Gene** 1985;33(3):351-5

Mutations in the rpoH (htpR) gene of Escherichia coli K-12 phenotypically suppress a temperature-sensitive mutant defective in the sigma 70 subunit of RNA polymerase. Grossman AD, et al. **J Bacteriol** 1985 Mar;161(3):939-43

A strong sequence homology exists between the major RNA polymerase sigma factors of Bacillus subtilis and Escherichia coli. Gitt MA, et al. **J Biol Chem** 1985 Jun 25;260(12):7178-85

Temperature sensitivity of the transcriptase of mutants tsB1 and tsF1 of vesicular stomatitis virus New Jersey is a consequence of mutation affecting polypeptide L. Ongradi J, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1507-13

Bacteriophage SPO1 genes 33 and 34. Location and primary structure of genes encoding regulatory subunits of Bacillus subtilis RNA polymerase. Costanzo M, et al. **J Mol Biol** 1984 Dec 15;180(3):533-47

End-to-end transcription of an Alu family repeat. A new type of polymerase-III-dependent terminator and its evolutionary implication. Hess J, et al. **J Mol Biol** 1985 Jul 5;184(1):7-21

Mutations in the sigma subunit of E. coli RNA polymerase which affect positive control of transcription. Hu JC, et al. **MGG** 1985;199(1):7-13

Mutation to rifampicin resistance at the beginning of the RNA polymerase beta subunit gene in Escherichia coli. Lisitsyn NA, et al. **MGG** 1984;196(1):173-4

Genetic studies on the beta subunit of Escherichia coli RNA polymerase. VI. A redundant region in the beta polypeptide. Nene V, et al. **MGG** 1984;196(1):64-7

Mutant of Escherichia coli with unusual patterns of rpoB,C expression in response to rifampicin and acridine orange. Tittawella IP. **MGG** 1985;200(1):114-7

Evidence for clustering of RNA polymerase and ribosomal protein genes in six species of Enterobacteria. Tittawella IP. **MGG** 1984;195(1-2):215-8

Stable transcription complex on a class III gene in a minichromosome. Lassar AB, et al. **Mol Cell Biol** 1985 Jan;5(1):40-5

Expression of enhanced levels of small RNA polymerase III transcripts encoded by the B2 repeats in simian virus 40-transformed mouse cells. Singh K, et al. **Nature** 1985 Apr 11-17;314(6011):553-6

Utilization of one promoter by two forms of RNA polymerase from Bacillus subtilis. Tatti KM, et al. **Nature** 1985 Mar 14-20;314(6007):190-2

RNA polymerase heterogeneity in Streptomyces coelicolor. Westpheling J, et al. **Nature** 1985 Jan 3-9;313(5997):22-7

Differential activation of RNA polymerase III-transcribed genes by the polyomavirus enhancer and the adenovirus E1A gene products. Berger SL, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1413-28

Evolutionary coorigin of the RNA polymerase sigma factor and the lambda repressor inferred from gene nucleotide sequence homologies. Ohnishi K. **Nucleic Acids Symp Ser** 1984;(15):189-92

Sequence analysis of hepatitis A virus cDNA coding for capsid proteins and RNA polymerase. Baroudy BM, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2143-7

Two alkaline phosphatase genes positioned in tandem in Bacillus licheniformis MC14 require different RNA polymerase holoenzymes for transcription. Hulett FM, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1035-9

A bacteriophage T7 RNA polymerase/promoter system for controlled exclusive expression of specific genes. Tabor S, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1074-

[Phage T7 RNA-polymerase: gene cloning and its structure] Grachev MA, et al. **Bioorg Khim** 1984 Jun;10(6):824-43 (Eng. Abstr.) **(Rus)**

[Localization of mutation leading to resistance of E. coli RNA polymerase to the antibiotic streptolydigin in the gene rpoB coding for the beta-subunit of the enzyme] Lisitsyn NA, et al. **Bioorg Khim** 1985 Jan;11(1):132-4 (Eng. Abstr.) **(Rus)**

[Nucleotide substitutions in the rpoB gene leading to rifampicin resistance of E. coli RNA polymerase] Lisitsyn NA, et al. **Bioorg Khim** 1984 Jan;10(1):127-8 (Eng. Abstr.) **(Rus)**

[Interaction of Escherichia coli RNA-polymerase with DNA-duplexes containing repetitive sequences] Koroleva ON, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):516-23 (Eng. Abstr.) **(Rus)**

[Context analysis of polynucleotide sequences. Methods of detecting non-random repeats. I. Direct repeats in genes of beta-, beta'-, sigma subunits of Escherichia coli RNA-polymerase] Solov'ev VV, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):524-36 (Eng. Abstr.) **(Rus)**

[The context analysis of polynucleotide sequences. II. Inverted repeats and complementary palindromes in RNA-polymerase genes] Zharkikh AA, et al. **Mol Biol (Mosk)** 1985 May-Jun;19(3):597-609 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Isolation and characterization of monoclonal antibodies directed against two subunits of rabbit poxvirus-associated, DNA-directed RNA polymerase. Morrison DK, et al. **J Virol** 1985 Sep;55(3):670-80

ISOLATION & PURIFICATION

Specific and non specific Escherichia coli ribonucleic acid polymerase DNA complexes are not hydrodynamically equivalent in analytical band sedimentation. Schmitt B, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):321-7

Intranuclear compartmentalization of DNA-dependent RNA polymerases: association of RNA polymerase I with nucleolar organizing chromosomes. Matsui S, et al. **Chromosoma** 1985;92(1):1-6

Isolation of a transcription complex for ribosomal 5S RNA. Wingender E, et al. **EMBO J** 1984 Aug;3(8):1761-8

Purification of RNA polymerase and transcription-termination factor Rho from Erwinia carotovora. Nwankwo DO, et al. **Eur J Biochem** 1985 Jan 15;146(2):383-9

DNA dependent RNA polymerase from Drosophila melanogaster embryonic cells from a cell line. Chatterjee RN. **Indian J Exp Biol** 1985 Jan;23(1):1-7

Purification and subunit characterization of Rhizobium meliloti RNA polymerase. Nielsen BL, et al. **J Bacteriol** 1985 May;162(2):645-50

Characterization of the phosphorylated small enzyme subunit, NS, of the vesicular stomatitis virus RNA polymerase. Marnell LL, et al. **J Biol Chem** 1984 Nov 10; 259(21):13518-24

METABOLISM

Myocyte and nonmyocyte RNA polymerase activity and chromatin template function. Taylor PB, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):H344-50

Alteration of ribosomes and RNA polymerase in drug-resistant clinical isolates of Mycobacterium tuberculosis. Yamada T, et al. **Antimicrob Agents Chemother** 1985 Jun;27(6):921-4

Extensive synthesis of poly[r(G-C)] using Escherichia coli RNA polymerase. Hall K, et al. **Arch Biochem Biophys** 1985 Jan;236(1):47-51

The mechanism of pyrophosphorolysis of RNA by RNA polymerase. Endowment of RNA polymerase with artificial exonuclease activity. Rozovskaya TA, et al. **Biochem J** 1984 Dec 1;224(2):645-50

Kinetics of open complex formation between Escherichia coli RNA polymerase and the lac UV5 promoter. Evidence for a sequential mechanism involving three steps. Buc H, et al. **Biochemistry** 1985 May 21;24(11):2712-23

Effect of template conversion from the B to the Z conformation on RNA polymerase activity. Butzow JJ, et al. **Biochemistry** 1984 Oct 9;23(21):4837-43

Bacteriophage T7 E promoter: identification and measurement of kinetics of association with Escherichia coli RNA polymerase. Prosen DE, et al. **Biochemistry** 1985 Apr 23;24(9):2219-27

Characterization of effects of anti-beta and anti-beta' monoclonal antibodies on the activity of the RNA polymerase from Escherichia coli. Rockwell P, et al. **Biochemistry** 1985 Jun 18;24(13):3240-5

Intrinsic zinc ion is essential for proper conformation of active Escherichia coli RNA polymerase. Solaiman D, et al. **Biochemistry** 1984 Dec 18;23(26):6369-77

Changes in the DNA structure of the lac UV5 promoter during formation of an open complex with Escherichia coli RNA polymerase. Spassky A, et al. **Biochemistry** 1985 May 21;24(11):2723-31

Expression of srnB gene of F plasmid by altered RNA polymerase in Escherichia coli. Ito R, et al. **Biochim Biophys Acta** 1985 May 24;825(1):1-11

A resonance Raman study on the interaction of rifampicin with Escherichia coli RNA polymerase. Johnson RS. **Biochim Biophys Acta** 1985 Mar 29;839(1):16-25

Verification of a new model of the time course of RNA synthesis. Measurement of the rates of initiation and elongation. McWilliam P, et al. **Biochim Biophys Acta** 1985 Feb 20;824(2):121-7

Active RNA: RNA enzymes in RNA splicing and processing. Davies RW. **Biosci Rep** 1984 Sep;4(9):707-27 (66 ref.)

Phage lambda gene Q antiterminator recognizes RNA polymerase near the promoter and accelerates it through a pause site. Grayhack EJ, et al. **Cell** 1985 Aug;42(1):259-69

N4 virion RNA polymerase sites of transcription initiation. Haynes LL, et al. **Cell** 1985 Jun;41(2):597-605

Enhancement of RNA polymerase III transcription by the E1A gene product of adenovirus. Hoeffler WK, et al. **Cell** 1985 Jul;41(3):955-63

Cell cycle-dependent variations in RNA polymerase activity in the nuclear and cytoplasmic fractions of Physarum polycephalum. Sawada F. **Cell Struct Funct** 1985 Mar; 10(1):55-62

In vitro miscoding of alkylthymines with DNA and RNA polymerases. Saffhill R. **Chem Biol Interact** 1985 Feb-Apr; 53(1-2):121-30

Electron microscopic mapping of Thermus thermophilus RNA polymerase binding sites on plasmid pBR322. González B, et al. **Comp Biochem Physiol [B]** 1985; 80(3):485-7

Eukaryotic RNA polymerases. Sentenac A. **CRC Crit Rev Biochem** 1985;18(1):31-90 (366 ref.)

The role of RNA polymerase initiation and elongation in control of total RNA and histone mRNA synthesis in sea urchin embryos. Uzman JA, et al. **Dev Biol** 1984 Nov; 106(1):174-80

Interaction of bovine seminalplasmin with Escherichia coli RNA polymerase in the presence of rifampicin. Sitaram N, et al. **FEBS Lett** 1985 Mar 11;182(1):77-80

Activity of RNA polymerase of the brain of rats of various ages. Patnaik SK, et al. **Indian J Biochem Biophys** 1984 Jun;21(3):178-80

Activation of mammalian RNA polymerases by polyamines. Blair DG. **Int J Biochem** 1985;17(1):23-30 (81 ref.)

RNA polymerase activities and chromatin protein composition of rat liver during methionine deprivation and refeeding. Norell M, et al. **Int J Biochem** 1985;17(3):325-30

In vitro RNA polymerase interaction with a restriction fragment containing the Escherichia coli origin of replication. Greene RS, et al. **J Bacteriol** 1985 Jan; 161(1):183-8

Synthesis of sigma 29, an RNA polymerase specificity determinant, is a developmentally regulated event in Bacillus subtilis. Trempy JE, et al. **J Bacteriol** 1985 Jan; 161(1):340-6

Activation of influenza virus-associated RNA polymerase by cap-1 structure (m7GpppNm). Kawakami K, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):655-61

Transcription termination factor rho mediates simultaneous release of RNA transcripts and DNA template from complexes with Escherichia coli RNA polymerase. Andrews C, et al. **J Biol Chem** 1985 May 10;260(9):5826-31

Restriction nuclease digestions driven to completion by Escherichia coli RNA polymerase and T4 gene 32 protein. Dombroski DF, et al. **J Biol Chem** 1985 Jan 10;260(1):415-7

A transcription factor required for promoter recognition by human mitochondrial RNA polymerase. Accurate initiation at the heavy- and light-strand promoters dissected and reconstituted in vitro. Fisher RP, et al. **J Biol Chem** 1985 Sep 15;260(20):11330-8

Evidence for two RNA polymerase activities in Euglena gracilis chloroplasts. Greenberg BM, et al. **J Biol Chem** 1984 Dec 10;259(23):14880-7

Pausing of RNA polymerase during in vitro transcription through the ilvB and ilvGEDA attenuator regions of Escherichia coli K12. Hauser CA, et al. **J Biol Chem** 1985 Feb 10;260(3):1765-70

UV cross-linking of the Bacillus subtilis RNA polymerase to DNA in promoter and non-promoter complexes. Hilton MD, et al. **J Biol Chem** 1985 Jul 5;260(13):8121-7

The effect of a bacteriophage T4-induced polypeptide on host RNA polymerase interaction with promoters. Malik S, et al. **J Biol Chem** 1984 Nov 10;259(21):13292-7

Characterization in vitro of the effect of spacer length on the activity of Escherichia coli RNA polymerase at the TAC promoter. Mulligan ME, et al. **J Biol Chem** 1985 Mar 25;260(6):3529-38

Characterization of a Euglena gracilis chloroplast RNA polymerase specific for ribosomal RNA genes. Narita JO, et al. **J Biol Chem** 1985 Sep 15;260(20):11194-9

RNA polymerase. Direct evidence for two active sites involved in transcription. Panka D, et al. **J Biol Chem** 1985 Feb 10;260(3):1427-31

Binding of rho factor to Escherichia coli RNA polymerase mediated by nusA protein. Schmidt MC, et al. **J Biol Chem** 1984 Dec 25;259(24):15000-2

Characterization of an RNA polymerase activity from HeLa cell mitochondria, which initiates transcription at the heavy strand rRNA promoter and the light strand promoter in human mitochondrial DNA. Shuey DJ, et al. **J Biol Chem** 1985 Feb 10;260(3):1952-8

Interaction of RNA polymerase with lacUV5 promoter DNA during mRNA initiation and elongation. Footprinting, methylation, and rifampicin-sensitivity changes accompanying transcription initiation. Carpousis AJ, et al. **J Mol Biol** 1985 May 25;183(2):165-77

Control of RNA polymerase binding to chromatin by variations in linker histone composition. Hannon R, et al. **J Mol Biol** 1984 Nov 25;180(1):131-49

Purification of a soluble template-dependent rhinovirus RNA polymerase and its dependence on a host cell protein for viral RNA synthesis. Morrow CD, et al. **J Virol** 1985 Jan; 53(1):266-72

La Crosse virions contain a primer-stimulated RNA polymerase and a methylated cap-dependent endonuclease. Patterson JL, et al. **J Virol** 1984 Oct;52(1):215-22

Coliphage-induced ADP-ribosylation of Escherichia coli RNA polymerase. Goff CG. **Methods Enzymol** 1984; 106:418-29

Purification and partial characterization of megamodulin, a heat-stable protein factor from E. coli and its stimulatory effect on RNA polymerase holoenzyme. Sen S, et al. **Microbios** 1985;42(168):67-75

Eucaryotic transcription complexes are specifically associated in large sedimentable structures: rapid isolation of polymerase I, II, and III transcription factors. Culotta VC, et al. **Mol Cell Biol** 1985 Jul;5(7):1582-90

Efficient modification of E. coli RNA polymerase in vitro by the N gene transcription antitermination protein of bacteriophage lambda. Goda Y, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2569-82

Oligonucleotides complementary to a promoter over the region -8...+2 as transcription primers for E. coli RNA polymerase. Grachev MA, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8509-24

The pathway of E. coli RNA polymerase-promoter complex formation as visualized by footprinting. Hofer B, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5995-6013

Point mutations in the 5' ICR and anticodon region of a Drosophila tRNAArg gene decrease in vitro transcription. Stewart TS, et al. **Nucleic Acids Res** 1985 Jan 25; 13(2):435-47

Construction and functional analysis of a series of synthetic RNA polymerase III promoters. Murphy MH, et al. **Philos Trans R Soc Lond [Biol]** 1984 Dec 4; 307(1132):283-91

Initiation of enzymatic replication at the origin of the Escherichia coli chromosome: contributions of RNA polymerase and primase. Ogawa T, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3562-6

Capped mRNAs may stimulate the influenza virion polymerase by allosteric modulation. Penn CR, et al. **Virus Res** 1984 Jan;1(1):1-13

[Demonstration of a sudden change in the use of codons in the vicinity of transcription termination] Limaiem J, et al. **C R Acad Sci [III]** 1984;299(8):275-80 (Eng. Abstr.) **(Fre)**

[Method of simultaneous detection of histones and endogenous RNA polymerase activity in cell nuclei] Grigor'eva AV, et al. **Arkh Anat Gistol Embriol** 1985 Feb; 88(2):77-8 **(Rus)**

[The role of sulfhydryl groups in the functioning of DNA-dependent RNA-polymerase] Chertov OIu, et al. **Bioorg Khim** 1985 Apr;11(4):492-8 (Eng. Abstr.) **(Rus)**

[Biosynthesis of small cytoplasmic poly(A)tRNA homologous to the repeated B2 sequence of the mouse genome is realized by RNA polymerase III] Lekakh IV, et al. **Dokl Akad Nauk SSSR** 1984;277(4):1006-8 **(Rus)**

[Activity of nuclear RNA polymerases in the liver of rats of different ages after phenobarbital administration] Kaliman PA, et al. **Ukr Biokhim Zh** 1984 Nov-Dec; 56(6):619-24 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Action of intact AP (apurinic/apyrimidinic) sites and AP sites associated with breaks on the transcription of T7 coliphage DNA by Escherichia coli RNA polymerase. Flamée PA, et al. **Biochem J** 1985 Jul 1;229(1):173-81

Isolation of Bacillus subtilis mutants altered in expression of a gene transcribed in vitro by a minor form of RNA polymerase (E-sigma 37). Truitt CL, et al. **J Bacteriol** 1985 Feb;161(2):515-22

RNA PROCESSING, POST-TRANSCRIPTIONAL

Post-transcriptional regulation of chloramphenicol acetyl transferase. Byeon WH, et al. **Basic Life Sci** 1985;30:823-34

gamma and gamma' chains of human fibrinogen are produced by alternative mRNA processing. Chung DW, et al. **Biochemistry** 1984 Aug 28;23(18):4232-6

Processing of the intron-containing thymidylate synthase (td) gene of phage T4 is at the RNA level. Belfort M, et al. **Cell** 1985 Jun;41(2):375-82

Transcription termination and 3' processing: the end is in site! Birnstiel ML, et al. **Cell** 1985 Jun;41(2):349-59 (93 ref.)

RNA splicing in neurospora mitochondria: self-splicing of a mitochondrial intron in vitro. Garriga G, et al. **Cell** 1984 Dec;39(3 Pt 2):631-41

Accurate cleavage and polyadenylation of exogenous RNA substrate. Moore CL, et al. **Cell** 1985 Jul;41(3):845-55

Posttranscriptional mechanisms are responsible for accumulation of truncated c-myc RNAs in murine plasma cell tumors. Piechaczyk M, et al. **Cell** 1985 Sep; 42(2):589-97

In vivo characterization of yeast mRNA processing intermediates. Rodriguez JR, et al. **Cell** 1984 Dec;39(3 Pt 2):603-10

Splicing of large ribosomal precursor RNA and processing of intron RNA in yeast mitochondria. Tabak HF, et al. **Cell** 1984 Dec;39(3 Pt 2):623-9

Occurrence and distribution of calcitonin gene-related peptide in the mammalian respiratory tract and middle ear. Uddman R, et al. **Cell Tissue Res** 1985;241(3):551-5

Processing of tRNA in prokaryotes and eukaryotes. Deutscher MP. **CRC Crit Rev Biochem** 1984;17(1):45-71 (171 ref.)

RNA processing in Neurospora crassa mitochondria: use of transfer RNA sequences as signals. Breitenberger CA, et al. **EMBO J** 1985 Jan;4(1):185-95

RNA processing in Neurospora crassa mitochondria: transfer RNAs punctuate a large precursor transcript. Burger G, et al. **EMBO J** 1985 Jan;4(1):197-204

The conserved CAAGAAAGA spacer sequence is an essential element for the formation of 3' termini of the sea urchin H3 histone mRNA by RNA processing. Georgiev O, et al. **EMBO J** 1985 Feb;4(2):481-9

The cDNA sequences of the sea urchin U7 small nuclear RNA suggest specific contacts between histone mRNA precursor and U7 RNA during RNA processing. Strub K, et al. **EMBO J** 1984 Dec 1;3(12):2801-7

Maturation of the 3' end of 5-S ribosomal RNA from Escherichia coli. Szeberényi J, et al. **Eur J Biochem** 1985 May 15;149(1):113-8

Mitochondrial transcription and processing of transcripts during release from glucose repression in 'resting cells' of Saccharomyces cerevisiae. Zennaro E, et al. **Eur J Biochem** 1985 Feb 15;147(1):191-6

Processing of precursor tRNAs in Drosophila. Processing of the 3' end involves an endonucleolytic cleavage and occurs after 5' end maturation. Frendewey D, et al. **J Biol Chem** 1985 Jan 10;260(1):449-54

Differential RNA splicing and post-translational cleavages in the human salivary proline-rich protein gene system. Maeda N, et al. **J Biol Chem** 1985 Sep 15;260(20):11123-30

Regulation of neuroendocrine gene expression by alternative RNA processing. Colocalization of calcitonin and calcitonin gene-related peptide in thyroid C-cells. Sabate MI, et al. **J Biol Chem** 1985 Mar 10;260(5):2589-92

A site in a tRNA precursor that can be processed by the whole RNase P enzyme but not by the RNA alone. Subbarao MN, et al. **J Biol Chem** 1984 Dec 10; 259(23):14339-42

Expression of two Xenopus laevis ribosomal protein genes in injected frog oocytes. A specific splicing block interferes with the L1 RNA maturation. Bozzoni I, et al. **J Mol Biol** 1984 Dec 25;180(4):987-1005

Accumulation of rare and moderately abundant mRNAs in mouse L-cells is mainly post-transcriptionally regulated. Carneiro M, et al. **J Mol Biol** 1984 Oct 5;178(4):869-80

A mutation in an Escherichia coli ribosomal RNA operon that blocks the production of precursor 23 S ribosomal RNA by RNase III in vivo and in vitro. Stark MJ, et al. **J Mol Biol** 1985 Mar 20;182(2):205-16

Effects of site-directed mutations in the central domain of 16 S ribosomal RNA upon ribosomal protein binding, RNA processing and 30 S subunit assembly. Stark MJ, et al. **J Mol Biol** 1984 Sep 15;178(2):303-22

Ribonucleoprotein organization of eukaryotic RNA. XXXII. U2 small nuclear RNA precursors and their accurate 3' processing in vitro as ribonucleoprotein particles. Wieben ED, et al. **J Mol Biol** 1985 May 5;183(1):69-78

Processing of the large rRNA precursor: two proposed categories of RNA-RNA interactions in eukaryotes. Tague BW, et al. **J Mol Evol** 1984;20(3-4):362-7

Posttranscriptional modulation of bacteriophage P22 scaffolding protein gene expression. Casjens S, et al. **J Virol** 1985 Jan;53(1):185-91

Evidence for age-dependent impairment of ovalbumin heterogeneous nuclear RNA (HnRNA) processing in hen oviduct. Schröder HC, et al. **Mech Ageing Dev** 1985 May 31;30(3):319-24

Organization and processing of the mitochondrial oxi3/oli2 multigenic transcript in yeast. Simon M, et al. **MGG** 1984; 196(2):266-74

Posttranscriptional modulation of gene expression in cultured rat hepatocytes. Jefferson DM, et al. **Mol Cell Biol** 1984 Sep;4(9):1929-34

Transcription, processing and nuclear transport of a B1 Alu RNA species complementary to an intron of the murine alpha-fetoprotein gene. Adeniyi-Jones S, et al. **Nature** 1985 Sep 5-11;317(6032):81-4

Controlling roles for snurps [news] Turner P. **Nature** 1985 Jul 11-17;316(6024):105-6

Processing and nucleo-cytoplasmic transport of histone gene transcripts. Georgiev O, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8539-51

Characterization of mouse 45S ribosomal RNA subspecies suggests that the first processing cleavage occurs 600 +/- 100 nucleotides from the 5' end and the second 500 +/- 100 nucleotides from the 3' end of a 13.9 kb precursor. Gurney T Jr. **Nucleic Acids Res** 1985 Jul 11;13(13):4905-19

The consensus sequence YGTGTTYY located downstream from the AATAAA signal is required for efficient formation of mRNA 3' termini. McLauchlan J, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1347-68

A human IFN-beta 1 gene deleted of promoter sequences upstream from the TATA box is controlled post-transcriptionally by dsRNA. Nir U, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):6979-93

rRNA processing: removal of only nineteen bases at the gap between 28S alpha and 28S beta rRNAs in Sciara coprophila. Ware VC, et al. **Nucleic Acids Res** 1985 May 24;13(10):3581-97

A sequence downstream of A-A-U-A-A-A is required for formation of simian virus 40 late mRNA 3' termini in frog oocytes. Conway L, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):3949-53

Initiator tRNA may recognize more than the initiation codon in mRNA: a model for translational initiation. Ganoza MC, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4587-91

Mapping of N6-methyladenosine residues in bovine prolactin mRNA. Horowitz S, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5667-71

Alternative RNA processing events in human calcitonin/calcitonin gene-related peptide gene expression. Jonas V, et al. **Proc Natl Acad Sci USA** 1985 Apr; 82(7):1994-8

A 5' spliced leader is added in trans to both alpha- and beta-tubulin transcripts in Trypanosoma brucei. Sather S, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5695-9

DRUG EFFECTS

The quantitative determination of metabolites of 6-mercaptopurine in biological materials. VI. Evidence for posttranscriptional modification of 6-thioguanosine residues in RNA from L5178Y cells treated with 6-mercaptopurine. Breter HJ. **Biochim Biophys Acta** 1985 May 24;825(1):39-44

Transcriptional and posttranscriptional regulation of interferon-induced gene expression in human cells. Friedman RL, et al. **Cell** 1984 Oct;38(3):745-55

Post-transcriptional control of the onset of DNA synthesis by an insulin-like growth factor. Campisi J, et al. **Mol Cell Biol** 1984 Sep;4(9):1807-14

Interferon regulates c-myc gene expression in Daudi cells at the post-transcriptional level. Knight E Jr, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1151-4

RNA REPLICASE see under **RNA NUCLEOTIDYLTRANSFERASES**

RNA, RIBOSOMAL

Characterization of a Yellowstone hot spring microbial community by 5S rRNA sequences. Stahl DA, et al. **Appl Environ Microbiol** 1985 Jun;49(6):1379-84

Base pairing in Bacillus subtilis ribosomal 5S RNA as measured by ultraviolet absorption and Fourier-transform infrared spectrometry. Chang LH, et al. **Biochemistry** 1984 Jul 31;23(16):3659-62

Comparison of eubacterial and eukaryotic 5S RNA structures: a chemical modification study. Kjems J, et al. **Biochemistry** 1985 Jan 15;24(2):241-50

Electron microscopy of secondary structure in partially denatured Escherichia coli 16S rRNA and 30S subunits. Klein BK, et al. **Biochemistry** 1984 Aug 14;23(17):3927-33

Base pairing in wheat germ ribosomal 5S RNA as measured by ultraviolet absorption, circular dichroism, and Fourier-transform infrared spectrometry. Li SJ, et al. **Biochemistry** 1984 Jul 31;23(16):3652-8

Conserved unpaired adenine residues are important for ordered structures of 5S ribosomal RNA. An infrared study of the secondary and tertiary structure of Thermus thermophilus 5S rRNA. Böhm S, et al. **Eur J Biochem** 1985 Mar 15;147(3):503-10

A-form to A'-form conformational switch of double helices in rat liver 5S and 5.8S rRNA. Solution X-ray scattering evidence and circular dichroic measurements. Müller JJ, et al. **Eur J Biochem** 1985 Apr 1;148(1):89-95

Specific fragmentation of tRNA and rRNA at a 7-methylguanine residue in the presence of methylated carrier RNA. Zueva VS, et al. **Eur J Biochem** 1985 Feb 1;146(3):679-87

Electron microscopy of the secondary structure in partially denatured rRNAs of Escherichia coli and Bacillus stearothermophilus. Klein BK, et al. **J Bacteriol** 1985 Mar; 161(3):981-8

Electron microscopy of secondary structure in partially denatured precursor and mature Escherichia coli 16 S and 23 S rRNA. Klein BK, et al. **J Biol Chem** 1985 Jul 5; 260(13):8114-20

Three-dimensional arrangement of the Escherichia coli 16 S ribosomal RNA. Expert-Bezançon A, et al. **J Mol Biol** 1985 Jul 5;184(1):53-66

Higher-order structure in the 3'-terminal domain VI of the 23 S ribosomal RNAs from Escherichia coli and Bacillus stearothermophilus. Garrett RA, et al. **J Mol Biol** 1984 Nov 15;179(4):689-712

Chemical probing of conformation in large RNA molecules. Analysis of 16 S ribosomal RNA using diethylpyrocarbonate. Van Stolk BJ, et al. **J Mol Biol** 1984 Nov 25;180(1):151-77

Structure of a protein L23-RNA complex located at the A-site domain of the ribosomal peptidyl transferase centre. Vester B, et al. **J Mol Biol** 1984 Nov 5;179(3):431-52

Structure of the Escherichia coli 16 S ribosomal RNA. Psoralen crosslinks and N-acetyl-N'-(p-glyoxylylbenzoyl)cystamine crosslinks detected by electron microscopy. Wollenzien PL, et al. **J Mol Biol** 1985 Jul 5;184(1):67-80

Comparative study of the ribosomal RNA from Leishmania and Trypanosoma. Villalba E, et al. **J Protozool** 1985 Feb; 32(1):49-53

Location of the hidden break in large subunit ribosomal RNA of Artemia salina. Nelles L, et al. **Naturwissenschaften** 1984 Dec;71(12):634-5

A universal model for the secondary structure of 5.8S ribosomal RNA molecules, their contact sites with 28S ribosomal RNAs, and their prokaryotic equivalent. Vaughn JC, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7479-502

Various types of 5s rRNA crystals as studied by X-ray diffraction and electron microscopy. Morikawa K, et al. **Nucleic Acids Symp Ser** 1984;(15):143-6

Mapping the location of psoralen crosslinks on RNA by mung bean nuclease sensitivity of RNA.DNA hybrids. Hui CF, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1381-5

Alternative conformations in Escherichia coli 16S ribosomal RNA. Klein BK, et al. **Proc Natl Acad Sci USA** 1985 Jun; 82(11):3539-42

Quantitative structural analysis of eukaryotic ribosomal RNA by scanning transmission electron microscopy. Oostergetel GT, et al. **Proc Natl Acad Sci USA** 1985 Sep; 82(17):5598-602

Structure, function and evolution of 5-S ribosomal RNAs. Delihas N, et al. **Prog Nucleic Acid Res Mol Biol** 1984; 31:161-90 (102 ref.)

Recognition of the ribosomal RNA structures by purified nucleolar RNA methyltransferase. Obara M, et al. **Sangyo Ika Daigaku Zasshi** 1983 Sep 1;5(3):337-42

Basic modular format in tRNA's and rRNA's [news] Levin R. **Science** 1985 Sep 20;229(4719):1254

ANALYSIS

In situ hybridization: a routine method for parallel localization of DNA sequences and of their transcripts in consecutive paraffin sections with the use of 3H-labelled nick translated cloned DNA probes. Guelin M, et al. **Biol Cell** 1985;53(1):1-12

The Aycrst Award Lecture 1984. The ribosome: a biochemist's mechano set. Nazar RN. **Can J Biochem Cell Biol** 1985 May;63(5):313-8 (23 ref.)

The Tetrahymena rRNA intron self-splices in E. coli: in vivo evidence for the importance of key base-paired regions of RNA for RNA enzyme function. Waring RB, et al. **Cell** 1985 Feb;40(2):371-80

Mutations within the 23S rRNA coding sequence of E. coli which block ribosome assembly. Skinner RH, et al. **EMBO J** 1985 Jun;4(6):1605-8

Changes in nucleolar and ribosomal RNA of the frog kidney after malignant transformation by the Lucke tumor herpesvirus. Tweedell KS, et al. **Exp Cell Biol** 1984; 52(3):196-206

Isolation and characterization of RNA of Entamoeba histolytica. Albach RA, et al. **Mol Biochem Parasitol** 1984 Jul;12(3):261-72

Unusual properties of two branched RNA's with circular and linear components. Branch AD, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4889-903

Primary sequence and partial secondary structure of the 12S kinetoplast (mitochondrial) ribosomal RNA from Leishmania tarentolae: conservation of peptidyl-transferase structural elements. de la Cruz VF, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2337-56

The 5.8S ribosomal RNA gene of Trypanosoma brucei: structural and transcriptional studies. Dorfman DM, et al. **Nucleic Acids Res** 1985 May 24;13(10):3533-49

Collection of published 5S, 5.8S and 4.5S ribosomal RNA sequences. Erdmann VA, et al. **Nucleic Acids Res** 1985;13 Suppl:r105-53

Characterization of mouse 45S ribosomal RNA subspecies suggests that the first processing cleavage occurs 600 +/- 100 nucleotides from the 5' end and the second 500 +/- 100 nucleotides from the 3' end of a 13.9 kb precursor. Gurney T Jr. **Nucleic Acids Res** 1985 Jul 11;13(13):4905-19

The chloroplast ribosomal intron of Chlamydomonas reinhardii codes for a polypeptide related to mitochondrial maturases. Rochaix JD, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):975-84

Long range RNA-RNA interactions in the 30 S ribosomal subunit of E. coli. Spitnik-Elson P, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4719-38

rRNA processing: removal of only nineteen bases at the gap between 28S alpha and 28S beta rRNAs in Sciara coprophila. Ware VC, et al. **Nucleic Acids Res** 1985 May 24;13(10):3581-97

The 3' end of large ribosomal subunit RNA from mosquito mitochondria: homogeneity of transcribed moieties. Dubin DT, et al. **Plasmid** 1985 Mar;13(2):139-44

Secondary structure of the circular form of the Tetrahymena rRNA intervening sequence: a technique for RNA structure analysis using chemical probes and reverse transcriptase. Inoue T, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):648-52

Identification and chromosomal distribution of 5S rRNA genes in Neurospora crassa. Metzenberg RL, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2067-71

ANTAGONISTS & INHIBITORS

[Inhibitor interaction in the suppression of ribosomal RNA synthesis in Ehrlich ascites carcinoma cells] Akhlynina TV, et al. **Tsitologiia** 1984 Nov;26(11):1313-8 (Eng. Abstr.) (Rus)

BIOSYNTHESIS

Faster protein and ribosome synthesis in thyroxine-induced hypertrophy of rat heart. Siehl D, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C309-19

Effects of sinefungin on rRNA production and methylation in the yeast Saccharomyces cerevisiae. Li AW, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):613-20

Synthesis and processing of 5 S rRNA from an rrnB minigene in a plasmid. Szeberényi J, et al. **Biochim Biophys Acta** 1984 Oct 5;783(1):15-25

Pyrimidine nucleotide metabolism in cardiac hypertrophy. Rossi A, et al. **Eur Heart J** 1984 Dec;5 Suppl F:155-6

Effects of cell sap, ATP, and RNA synthesis on the transfer of ribosomal proteins into nuclei and nucleoli in a rat liver cell-free system. Tsurugi K, et al. **Eur J Biochem** 1984 Nov 15;145(1):83-9

Processing of precursor ribosomal RNA and the presence of a modified ribosome assembly scheme in Escherichia coli relaxed strain. Mackow ER, et al. **FEBS Lett** 1985 Mar 25;182(2):407-12

Inhibition of ribosomal RNA synthesis in yeast by ionizing radiations. Weber K, et al. **Int J Radiat Biol** 1984 Dec; 46(6):691-702

Neplanocin A. A cyclopentenyl analog of adenosine with specificity for inhibiting RNA methylation. Glazer RL e

al. **J Biol Chem** 1984 Nov 10;259(21):12964-9
Formation and stability of the 5 S RNA transcription complex. Setzer DR, et al. **J Biol Chem** 1985 Feb 25; 260(4):2483-92
Increased expression of ribosomal genes during inhibition of ribosome assembly in Escherichia coli. Takebe Y, et al. **J Mol Biol** 1985 Jul 5;184(1):23-30
Processing of the large rRNA precursor: two proposed categories of RNA-RNA interactions in eukaryotes. Tague BW, et al. **J Mol Evol** 1984;20(3-4):362-7
Glucocorticoids modify the rate of ribosomal RNA synthesis in rat thymus cells by regulating the polymerase elongation rate. Dembinski TC, et al. **J Steroid Biochem** 1984 Nov; 21(5):497-504
[Effect of hydrophobic compounds on rRNA synthesis in intact cells and isolated nuclei] Akhlynina TV, et al. **Biol Nauki** 1985;(4):27-31 (Eng. Abstr.) **(Rus)**
[rRNA synthesis im Drosophila melanogaster lines with different nucleolus organizer contents] Kubaneĭshvili MSh, et al. **Genetika (Moskva)** 1984 Sep;20(9):1444-9 (Eng. Abstr.) **(Rus)**
[Dependence of the nature of the action of metabolic inhibitors on ribosomal RNA synthesis in Ehrlich ascites carcinoma cells on cell integrity] Akhlynina TV, et al. **Tsitologiia** 1985 Mar;27(3):348-52 (Eng. Abstr.) **(Rus)**

GENETICS

Ribosomal RNA contents of maize genotypes with different ribosomal RNA gene numbers. Buescher PJ, et al. **Biochem Genet** 1984 Oct;22(9-10):923-30
Transcription of a yeast ribosomal RNA minigene in Saccharomyces cerevisiae. Quincey RV, et al. **Biochem J** 1984 Dec 1;224(2):497-503
Faithful initiation of ribosomal RNA transcription from cloned DNA by purified RNA polymerase I. Paule MR, et al. **Biochemistry** 1984 Aug 28;23(18):4167-72
Gene heterogeneity: a basis for alternative 5.8S rRNA processing. Smith SD, et al. **Biochemistry** 1984 Jul 31; 23(16):3648-52
tRNA-rRNA sequence homologies: evidence for an ancient modular format shared by tRNAs and rRNAs. Bloch DP, et al. **Biosystems** 1985;17(3):209-25
Rearrangement and possible amplification of the ribosomal RNA gene sites in the human chronic myelogenous leukemia cell line K562. Crossen PE, et al. **Cancer Genet Cytogenet** 1985 Sep;18(1):27-30
Quantitative and qualitative characterization of aflatoxin B1 adducts formed in vivo within the ribosomal RNA genes of rat liver DNA. Irvin TR, et al. **Cancer Res** 1985 Aug; 45(8):3497-502
Formation of a rate-limiting intermediate in 5S RNA gene transcription. Bieker JJ, et al. **Cell** 1985 Jan;40(1):119-27
A high affinity topoisomerase I binding sequence is clustered at DNAase I hypersensitive sites in Tetrahymena R-chromatin. Bonven BJ, et al. **Cell** 1985 Jun;41(2):541-51
The major promoter element of rRNA transcription in yeast lies 2 kb upstream. Elion EA, et al. **Cell** 1984 Dec;39(3 Pt 2):663-73
Antitermination of E. coli rRNA transcription is caused by a control region segment containing lambda nut-like sequences. Li SC, et al. **Cell** 1984 Oct;38(3):851-60
Splicing of large ribosomal precursor RNA and processing of intron RNA in yeast mitochondria. Tabak HF, et al. **Cell** 1984 Dec;39(3 Pt 2):623-9
Self-splicing of yeast mitochondrial ribosomal and messenger RNA precursors. van der Horst G, et al. **Cell** 1985 Apr; 40(4):759-66
Nonreciprocal exchange between alleles of the yeast mitochondrial 21S rRNA gene: kinetics and the involvement of a double-strand break. Zinn AR, et al. **Cell** 1985 Apr;40(4):887-95
Ribosomal RNA structure in the diploid and phylogenetically polyploid amphibian species Hyla and Odontophrynus. Leipoldt M, et al. **Comp Biochem Physiol [B]** 1984; 79(2):181-5
The sequence of 16S rRNA from Mycoplasma strain PG50. Frydenberg J, et al. **DNA** 1985 Apr;4(2):127-37
Complete nucleotide sequence of a 23S ribosomal RNA gene from Bacillus stearothermophilus. Kop J, et al. **DNA** 1984 Oct;3(5):347-57
Intervening sequences in the ribosomal RNA genes of Ascaris lumbricoides: DNA sequences at junctions and genomic organization. Back E, et al. **EMBO J** 1984 Nov; 3(11):2523-9
Point mutational analysis of the Xenopus laevis 5S gene promoter. Pieler T, et al. **EMBO J** 1985 Jul;4(7):1847-53
Isolation of a transcription complex for ribosomal 5S RNA. Wingender E, et al. **EMBO J** 1984 Aug;3(8):1761-8
Nucleotide sequence, secondary structure and evolution of the 5S ribosomal RNA from five bacterial species. Vandenberghe A, et al. **Eur J Biochem** 1985 Jun 18; 149(3):537-42
The ribosomal RNA genes of Tetrahymena: structure and function. Engberg J. **Eur J Cell Biol** 1985 Jan;36(1):133-51 (154 ref.)
Expression of plasmid encoded Escherichia coli 5S ribosomal ribonucleic acid in Pseudomonas putida. Hartmann RK, et al. **FEBS Lett** 1985 Sep 2;188(2):295-301
Nucleotide base sequence of vibrionaceae 5 S rRNA. MacDonell MT, et al. **FEBS Lett** 1984 Sep 17;175(1):183-8
Alterations in the number of rRNA operons within the Bacillus subtilis genome. Gottlieb P, et al. **Gene** 1985; 33(3):259-68
Characterization of the Trypanosoma brucei 5S ribosomal RNA gene and transcript: the 5S rRNA is a spliced-leader-independent species. Lenardo MJ, et al. **Gene** 1985;35(1-2):131-41
Expression and amplification of the genes for ribosomal RNA in bobbed mutants of Drosophila melanogaster. Dutton FL, et al. **Genet Res** 1985 Apr;45(2):155-65
Suppression of ribosomal RNA genes in Drosophila melanogaster. Kalumuck KE, et al. **Genet Res** 1984 Dec; 44(3):351-7
Merodiploidy in Escherichia coli-Salmonella typhimurium crosses: the role of unequal recombination between ribosomal RNA genes. Lehner AF, et al. **Genetics** 1985 Jul;110(3):365-80
Cytologic demonstration of differential activity of rRNA gene clusters in different human tissues. de Capoa A, et al. **Hum Genet** 1985;69(3):212-7
Self-splicing RNA: implications for evolution. Cech TR. **Int Rev Cytol** 1985;93:3-22 (77 ref.)
Comparative analysis of mycoplasma ribosomal RNA operons. Göbel U, et al. **Isr J Med Sci** 1984 Sep;20(9):762-4
Deletions, duplications and rearrangements in mycoplasma ribosomal RNA gene sequences. Neimark H. **Isr J Med Sci** 1984 Sep;20(9):765-7
Chloramphenicol-erythromycin resistance mutations in a 23S rRNA gene of Escherichia coli. Ettayebi M, et al. **J Bacteriol** 1985 May;162(2):551-7
Organization and nucleotide sequence analysis of an rRNA and tRNA gene cluster from Caulobacter crescentus. Feingold J, et al. **J Bacteriol** 1985 Jul;163(1):155-66
Level of rRNA, not tRNA, synthesis controls transcription of rRNA and tRNA operons in Escherichia coli. Gourse RL, et al. **J Bacteriol** 1984 Dec;160(3):1022-6
Phylogenetic analysis of the genera Thiobacillus and Thiomicrospira by 5S rRNA sequences. Lane DJ, et al. **J Bacteriol** 1985 Jul;163(1):75-81
Mapping and spacer identification of rRNA operons of Salmonella typhimurium. Lehner AF, et al. **J Bacteriol** 1984 Nov;160(2):682-6
Inhibitory effect of high-level transcription of the bacteriophage lambda nutL region on transcription of rRNA in Escherichia coli. Sharrock RA, et al. **J Bacteriol** 1985 Aug;163(2):704-8
Unbalanced rRNA gene dosage and its effects on rRNA and ribosomal-protein synthesis. Siehnel RJ, et al. **J Bacteriol** 1985 Aug;163(2):476-86
Characterization of the ribosomal RNA gene clusters in Halobacterium cutirubrum. Hui I, et al. **J Biol Chem** 1985 Jan 25;260(2):899-906
Characterization of a Euglena gracilis chloroplast RNA polymerase specific for ribosomal RNA genes. Narita JO, et al. **J Biol Chem** 1985 Sep 15;260(20):11194-9
Identification of multiple sites in the promoter region of the Tetrahymena pyriformis rRNA gene which bind the Escherichia coli catabolite regulatory protein. Niles EG. **J Biol Chem** 1985 Jan 10;260(1):672-8
Characterization of an RNA polymerase activity from HeLa cell mitochondria, which initiates transcription at the heavy strand rRNA promoter and the light strand promoter in human mitochondrial DNA. Shuey DJ, et al. **J Biol Chem** 1985 Feb 10;260(3):1952-8
The nucleotide sequence of the 17S ribosomal RNA gene of Tetrahymena thermophila and the identification of point mutations resulting in resistance to the antibiotics paromomycin and hygromycin. Spangler EA, et al. **J Biol Chem** 1985 May 25;260(10):6334-40
Linkage of the major histocompatibility (B) complex and the nucleolar organizer in the chicken. Assignment to a microchromosome. Bloom SE, et al. **J Hered** 1985 May-Jun;76(3):146-54
Splicing of Xenopus laevis ribosomal protein RNAs is inhibited in vivo by antisera to ribonucleoproteins containing U1 small nuclear RNA. Bozzoni I, et al. **J Mol Biol** 1984 Dec 25;180(4):1173-8
Quantitation of base substitutions in eukaryotic 5S rRNA: selection for the maintenance of RNA secondary structure. Curtiss WC, et al. **J Mol Evol** 1984;20(3-4):351-61
Comparison of the nucleotide sequence of soybean 18S rRNA with the sequences of other small-subunit rRNAs. Eckenrode VK, et al. **J Mol Evol** 1984-85;21(3):259-69
Processing of the large rRNA precursor: two proposed categories of RNA-RNA interactions in eukaryotes. Tague BW, et al. **J Mol Evol** 1984;20(3-4):362-7
The 5S ribosomal RNA gene clusters in Tetrahymena thermophila: strain differences, chromosomal localization, and loss during micronuclear ageing. Allen SL, et al. **MGG** 1984;197(2):244-53
Sequence of 5S ribosomal RNA gene regions and their products in the archaebacterium Halobacterium volcanii. Daniels CJ, et al. **MGG** 1985;198(2):270-4
Cloning and characterization of the rDNA repeat unit of Podospora anserina. Labat N, et al. **MGG** 1985;199(1):154-7
Inheritance of rDNA spacer length variants in man. Ranzani GN, et al. **MGG** 1984;196(1):141-5
In vivo transcription from deletion mutations introduced near Escherichia coli ribosomal RNA promoter P2. Thayer GC, et al. **MGG** 1985;199(1):55-8
Apparent operon for a 5S ribosomal RNA gene and for tRNA genes in the archaebacterium Methanococcus vannielii. Wich G, et al. **MGG** 1984;196(1):146-51
Gametocytogenesis and ribosomal rRNA gene organisation in the rodent malarias Plasmodium chabaudi and Plasmodium berghei. Cornelissen AW, et al. **Mol Biochem Parasitol** 1985 Feb;14(2):165-74
The primary structure of the rRNA insertions of Plasmodium lophurae. Unnasch TR, et al. **Mol Biochem Parasitol** 1985 Aug;16(2):149-61
Organization of the ribosomal RNA genes in Schistosoma mansoni. van Keulen H, et al. **Mol Biochem Parasitol** 1985 May;15(2):215-30
DNase I footprinting shows three protected regions in the promoter of the rRNA genes of Xenopus laevis. Dunaway M, et al. **Mol Cell Biol** 1985 Feb;5(2):313-9
Highly efficient RNA-synthesizing system that uses isolated human mitochondria: new initiation events and in vivo-like processing patterns. Gaines G, et al. **Mol Cell Biol** 1984 Aug;4(8):1605-17
Stable transcription complex on a class III gene in a minichromosome. Lassar AB, et al. **Mol Cell Biol** 1985 Jan; 5(1):40-5
A complex control region of the mouse rRNA gene directs accurate initiation by RNA polymerase I. Miller KG, et al. **Mol Cell Biol** 1985 Mar;5(3):554-62
Concerted evolution of dispersed Neurospora crassa 5S RNA genes: pattern of sequence conservation between allelic and nonallelic genes. Morzycka-Wroblewska E, et al. **Mol Cell Biol** 1985 Jan;5(1):46-51
Gene amplification in Tetrahymena thermophila: formation of extrachromosomal palindromic genes coding for rRNA. Yao MC, et al. **Mol Cell Biol** 1985 Jun;5(6):1260-7
Topoisomerase I has a strong binding preference for a conserved hexadecameric sequence in the promoter region of the rRNA gene from Tetrahymena pyriformis. Andersen AH, et al. **Nucleic Acids Res** 1985 Mar 11;13(5):1543-57
Conserved arrangements of repeated DNA sequences in nontranscribed spacers of ciliate ribosomal RNA genes: evidence for molecular coevolution. Challoner PB, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2661-80
The ribosomal RNA genes of Drosophila mitochondrial DNA. Clary DO, et al. **Nucleic Acids Res** 1985 Jun 11; 13(11):4029-45
Processing of the external transcribed spacer of murine rRNA and site of action of actinomycin D. Fetherston J, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7187-98
Oligonucleotide directed mutagenesis of Escherichia coli 5S ribosomal RNA: construction of mutant and structural analysis. Göringer HU, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):6935-50
Correlation between suppressed meiotic recombination and the lack of DNA strand-breaks in the rRNA genes of Saccharomyces cerevisiae. Høgset A, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7199-213
Sequences of the coding and flanking regions of the large ribosomal subunit RNA gene of mosquito mitochondria. HsuChen CC, et al. **Nucleic Acids Res** 1984 Oct 25; 12(20):7771-85
The sequence of the distal end of the E. coli ribosomal RNA rrnE operon indicates conserved features are shared by rrn operons. Liebke H, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5515-25
Tandemly arranged variant 5S ribosomal RNA genes in the yeast Saccharomyces cerevisiae. McMahon ME, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8001-16
Streptomycin-resistance of Euglena gracilis chloroplasts: identification of a point mutation in the 16S rRNA gene in an invariant position. Montandon PE, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4299-310
Nucleotide sequence of a crustacean 18S ribosomal RNA gene and secondary structure of eukaryotic small subunit ribosomal RNAs. Nelles L, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):8749-68
In vitro evidence that eukaryotic ribosomal RNA transcription is regulated by modification of RNA polymerase I. Paule MR, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8161-80
Changes in chromatin structure accompany modulation of the rate of transcription of 5S ribosomal genes in Tetrahymena. Pederson DS, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8489-507
Sequence requirements for self-splicing of the Tetrahymena thermophila pre-ribosomal RNA. Price JV, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):1871-89
rDNA in Locusta migratoria is very variable: two introns and extensive restriction site polymorphisms in the spacer. Schäfer M, et al. **Nucleic Acids Res** 1935 Feb 25; 13(4):1251-66
Transcriptionally active and inactive gene repeats within the D. melanogaster 5S RNA gene cluster. Sharp S, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7617-32
Nucleotide sequence of a complete ribosomal spacer of D. melanogaster. Simeone A, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1089-101
Escherichia coli 23S ribosomal RNA truncated at its 5' terminus. Sirdeshmukh R, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1185-92
Further characterization of the extremely small mitochondrial ribosomal RNAs from trypanosomes: a detailed comparison of the 9S and 12S RNAs from Crithidia fasciculata and Trypanosoma brucei with rRNAs from other organisms. Sloof P, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):4171-90
Cotranscription and processing of 23S, 4.5S and 5S rRNA in chloroplasts from Zea mays. Strittmatter G, et al.

Nucleic Acids Res 1984 Oct 25;12(20):7633–47

Analysis of a sequence region of 5S RNA from E. coli cross-linked in situ to the ribosomal protein L25. Szymkowiak C, et al. **Nucleic Acids Res** 1985 Jun 11; 13(11):3953–68

Partial methylation of two adjacent adenosines in ribosomes from Euglena gracilis chloroplasts suggests evolutionary loss of an intermediate stage in the methyl-transfer reaction. Van Buul CP, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):9205–8

Zinc ions are differentially required for the transcription of ribosomal 5S RNA and tRNA in a HeLa-cell extract. Wingender E, et al. **Nucleic Acids Res** 1984 Dec 11; 12(23):8971–85

Structural and functional analysis of Escherichia coli ribosomes containing small deletions around position 1760 in the 23S ribosomal RNA. Zweib C, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7135–52

The role of stable complexes that repress and activate eukaryotic genes. Brown DD. **Philos Trans R Soc Lond [Biol]** 1984 Dec 4;307(1132):297–9

A stochastic mechanism controls the relative replication of equally competent ribosomal RNA gene sets in individual dipteran polyploid nuclei. Belikoff EJ, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5045–9

Genes for respiratory chain proteins and ribosomal RNAs are present on a 16-kilobase-pair DNA species from Chlamydomonas reinhardtii mitochondria. Boer PH, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3340–4

Regulation of ribosomal RNA promoters with a synthetic lac operator. Brosius J, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6929–33

A minimal ribosomal RNA: sequence and secondary structure of the 9S kinetoplast ribosomal RNA from Leishmania tarentolae. de la Cruz VF, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1401–5

Pattern analysis of 5S rRNA. Eigen M, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2437–41

Feedback regulation of rRNA and tRNA synthesis and accumulation of free ribosomes after conditional expression of rRNA genes. Gourse RL, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1069–73

Antitermination by both the promoter and the leader regions of an Escherichia coli ribosomal RNA operon. Holben WE, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5073–7

Antitermination of transcription from an Escherichia coli ribosomal RNA promoter. Holben WE, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6789–93

Accurate initiation of rat ribosomal RNA gene transcription using a fractionat[illegible]clear extract from normal liver and a hepatoma. Kurl [illegible], et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1059–63

A purified fraction containing RNA polymerase I that can accurately transcribe rat ribosomal RNA gene. Kurl RN, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6672–5

Is the 5S RNA a primitive ribosomal sequence? Nazar RN, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5608–11

Detection of a fundamental modular format common to transfer and ribosomal RNAs: second-order spectral analysis. Nazarea AD, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5337–41

Torsional stress induces an S1 nuclease-hypersensitive site within the promoter of the Xenopus laevis oocyte-type 5S RNA gene. Reynolds WF, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4018–22

Construction of the mycoplasma evolutionary tree from 5S rRNA sequence data. Rogers MJ, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1160–4

Defective antitermination of rRNA transcription and derepression of rRNA and tRNA synthesis in the nusB5 mutant of Escherichia coli. Sharrock RA, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5275–9

The organization and transcription of eukaryotic ribosomal RNA genes. Mandal RK. **Prog Nucleic Acid Res Mol Biol** 1984;31:115–60 (389 ref.)

Cloned mycoplasma ribosomal RNA genes for the detection of mycoplasma contamination in tissue cultures. Göbel UB, et al. **Science** 1984 Dec 7;226(4679):1211–3

Coupling of Tetrahymena ribosomal RNA splicing to beta-galactosidase expression in Escherichia coli. Price JV, et al. **Science** 1985 May 10;228(4700):719–22

Silver staining as an indicator of active ribosomal genes. Hubbell HR. **Stain Technol** 1985 Sep;60(5):285–94

[Inactivation of the cluster of rRNA genes in the chromosome pair no. 2 in Aleutian minks] Grafodatskiĭ AS, et al. **Dokl Akad Nauk SSSR** 1985 May–Jun;282(1):171–2 **(Rus)**

[Structural organization of the non-transcribed spacer of the rat ribosomal repeated sequence] Avdonina TA, et al. **Mol Biol (Mosk)** 1985 Mar–Apr;19(2):412–24 (Eng. Abstr.) **(Rus)**

[Study of a cloned ribosomal operon region coding for 5.8S rRNA in the loach Misgurnus fossilis L.] Kupriianova NS, et al. **Mol Biol (Mosk)** 1984 Sep–Oct;18(5):1385–95 (Eng. Abstr.) **(Rus)**

[5S genes of the loach: determination of the primary structure of the transcription termination region and nontranscribed spacer] Shostak NG, et al. **Mol Biol (Mosk)** 1985 Mar–Apr; 19(2):433–7 (Eng. Abstr.) **(Rus)**

[Organization of genes coding for 5S rRNA in the loach Misgurnus fossilis L.] Shostak NG, et al. **Mol Biol (Mosk)** 1984 Sep–Oct;18(5):1352–62 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

RNase-sensitive and RNase-insensitive protective components isolated from Listeria monocytogenes. Antonissen AC, et al. **Antonie Van Leeuwenhoek** 1985; 51(2):227–40

ISOLATION & PURIFICATION

Escherichia coli 5S RNA A and B conformers. Characterisation by enzymatic and chemical methods. Göringer HU, et al. **Eur J Biochem** 1984 Oct 1;144(1):25–34

Probing the structure of 16 S ribosomal RNA from Bacillus brevis. Kop J, et al. **J Biol Chem** 1984 Dec 25; 259(24):15287–93

Affinity chromatography of Drosophila melanogaster ribosomal proteins to 5S rRNA. Stark BC, et al. **J Chromatogr** 1985 Feb 20;319(3):367–75

HPLC analysis of E. coli rRNA on ASAHIPAK GS-520 and nucleobases, nucleosides and nucleotides on ASAHIPAK GS-320. Yasukawa K, et al. **Nucleic Acids Symp Ser** 1984;(15):109–12

Heterogeneity of 5S RNA in fungal ribosomes. Selker EU, et al. **Science** 1985 Mar 15;227(4692):1340–3

METABOLISM

Cleavage of mouse ribosomal RNAs by the endonuclease associated with Newcastle disease virus. Rosenbergová M. **Acta Virol (Praha)** 1984 Sep;28(5):353–61

Differences in physical and biological properties of 50S ribosomes and 23S RNAs derived from tight and loose couple 70S ribosomes. Burma DP, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):970–8

The Shine and Dalgarno hypothesis for termination: the 3' terminus of the 16S rRNA of the Escherichia coli ribosome can be modified or base-paired with a complementary oligonucleotide without affecting termination in vitro. Tate WP, et al. **Biochem Int** 1983 Oct;7(4):529–34

Structure and function of ribosomal RNA. Brimacombe R, et al. **Biochem J** 1985 Jul 1;229(1):1–17 (205 ref.)

Alternative conformers of 5S ribosomal RNA and their biological relevance. Christensen A, et al. **Biochemistry** 1985 Apr 23;24(9):2284–91

Conservation of RNA sequence and cross-linking ability in ribosomes from a higher eukaryote: photochemical cross-linking of the anticodon of P site bound tRNA to the penultimate cytidine of the UACACACG sequence in Artemia salina 18S rRNA. Ciesiolka J, et al. **Biochemistry** 1985 Jun 18;24(13):3233–9

Binding of S21 to the 50S subunit and the effect of the 50S subunit on nonradiative energy transfer between the 3' end of 16S RNA and S21. Odom OW, et al. **Biochemistry** 1984 Oct 9;23(21):5069–76

Release of rRNA from liver nuclei during the early stages of the acute-phase reaction. Aletti MG, et al. **Biochim Biophys Acta** 1984 Nov 22;783(2):179–82

Cytologic evidence for increased rRNA gene activity in hemin-induced K562(S) cells. de Capoa A, et al. **Cancer Genet Cytogenet** 1985 Jun;17(2):113–22

Reversibility of cyclization of the Tetrahymena rRNA intervening sequence: implication for the mechanism of splice site choice. Sullivan FX, et al. **Cell** 1985 Sep; 42(2):639–48

Does unpaired adenosine-66 from helix II of Escherichia coli 5S RNA bind to protein L18? Christiansen J, et al. **EMBO J** 1985 Apr;4(4):1019–24

Induction of ermC requires translation of the leader peptide. Dubnau D. **EMBO J** 1985 Feb;4(2):533–7

Stepwise dissociation of yeast 60S ribosomal subunits by LiCl and identification of L25 as a primary 26S rRNA binding protein. El-Baradi TT, et al. **Eur J Biochem** 1984 Oct 15; 144(2):393–400

The mode of action of restrictocin and mitogillin on eukaryotic ribosomes. Inhibition of brain protein synthesis, cleavage and sequence of the ribosomal RNA fragment. Fando JL, et al. **Eur J Biochem** 1985 May 15;149(1):29–34

Effects of the ribosomal subunit association on the chemical modification of the 16S and 23S RNAs from Escherichia coli. Meier N, et al. **Eur J Biochem** 1985 Jan 2;146(1):83–7

RNA and ribosomal protein patterns during aerial spore germination in Streptomyces granaticolor. Mikulík K, et al. **Eur J Biochem** 1984 Dec 3;145(2):381–8

Maturation of the 3' end of 5-S ribosomal RNA from Escherichia coli. Szeberényi J, et al. **Eur J Biochem** 1985 May 15;149(1):113–8

Intersubunit RNA-protein contacts in pre- and post-translocated E. coli ribosome. Abdurashidova GG, et al. **FEBS Lett** 1985 Jun 17;185(2):291–4

Identification of yeast 60 S ribosomal proteins crosslinked to rRNA by 2-iminothiolane. el-Baradi TT, et al. **FEBS Lett** 1985 Jul 1;186(1):26–30

Assignment of resonances of exchangeable protons in the NMR spectrum of the complex formed by Escherichia coli ribosomal protein L25 and uniformly nitrogen-15 enriched 5 S RNA fragment. Kime MJ. **FEBS Lett** 1984 Oct 1; 175(2):259–62

Drosophila ribosomal RNA stability increases during slow growth conditions. Winkles JA, et al. **J Biol Chem** 1985 Jun 25;260(12):7716–20

Imbalanced accumulation of ribosomal RNA in macrophages activated in vivo or in vitro to a cytolytic stage. Varesio L. **J Immunol** 1985 Feb;134(2):1262–7

Interaction of ribosomal proteins S6, S8, S15 and S18 with the central domain of 16 S ribosomal RNA from Escherichia coli. Gregory RJ, et al. **J Mol Biol** 1984 Sep 15;178(2):287–302

A mutation in an Escherichia coli ribosomal RNA operon that blocks the production of precursor 23 S ribosomal RNA by RNase III in vivo and in vitro. Stark MJ, et al. **J Mol Biol** 1985 Mar 20;182(2):205–16

Effects of site-directed mutations in the central domain of 16 S ribosomal RNA upon ribosomal protein binding, RNA processing and 30 S subunit assembly. Stark MJ, et al. **J Mol Biol** 1984 Sep 15;178(2):303–22

Detection of a 16S rRNA . initiator-tRNA complex by a new selective labelling method. Cunningham C, et al. **Mol Biol Rep** 1984 Dec;10(2):115–21

Starved Tetrahymena thermophila cells that are unable to mount an effective heat shock response selectively degrade their rRNA. Hallberg RL, et al. **Mol Cell Biol** 1984 Oct; 4(10):2170–9

Cytotoxicity and the inhibition of ribosomal RNA processing in human colon carcinoma cells. Cohen MB, et al. **Mol Pharmacol** 1985 Feb;27(2):308–13

Protein--RNA interaction in the rat liver 5S rRNA-protein L5 complex studied by digestion with ribonucleases. Gros B, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2325–35

Structural requirements for the interaction of 5S rRNA with the eukaryotic transcription factor IIIA. Pieler T, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8393–406

Ordered processing of Escherichia coli 23S rRNA in vitro. Sirdeshmukh R, et al. **Nucleic Acids Res** 1985 Jul 25; 13(14):5041–54

Preferential DNase I sensitivity of insert-free ribosomal RNA repeats of Drosophila melanogaster. Wayne RL, et al. **Nucleic Acids Res** 1985 Apr 25;13(8):2869–79

Ribosomal RNA transcription: proteins and DNA sequences involved in preinitiation complex formation. Iida CT, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1668–72

Ribonuclease P catalysis differs from ribosomal RNA self-splicing. Marsh TL, et al. **Science** 1985 Jul 5; 229(4708):79–81

[Free RNA-binding cytoplasmic proteins are detected in a labile association with polyribosomes] Minikh VB, et al. **Biokhimiia** 1985 Apr;50(4):604–12 (Eng. Abstr.) **(Rus)**

[Affinity modification of Escherichia coli ribosomes with photoactivated analogs of mRNA] Gimautdinova OI, et al. **Mol Biol (Mosk)** 1984 Jul–Aug;18(4):907–18 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Involvement of 16S ribosomal RNA in resistance of the aminoglycoside-producers Streptomyces tenjimariensis, Streptomyces tenebrarius and Micromonospora purpurea. Piendl W, et al. **MGG** 1984;197(1):24–9

RADIATION EFFECTS

Photo-induced protein cross-linking to 5S RNA and 28-5.8S RNA within rat-liver 60S ribosomal subunits. Paleologue A, et al. **Eur J Biochem** 1985 Jun 18;149(3):525–9

RNA SPLICING

Deletion analysis of the human gamma-globin IVS2 sequence requirements for RNA splicing. Spritz RA, et al. **Ann NY Acad Sci** 1985;445:10–9

Application of learning techniques to splicing site recognition. Quinqueton J, et al. **Biochimie** 1985 May; 67(5):541–7

Active RNA: RNA enzymes in RNA splicing and processing. Davies RW. **Biosci Rep** 1984 Sep;4(9):707–27 (66 ref.)

Intricate combinatorial patterns of exon splicing generate multiple regulated troponin T isoforms from a single gene. Breitbart RE, et al. **Cell** 1985 May;41(1):67–82

Lariat structures are in vivo intermediates in yeast pre-mRNA splicing. Domdey H, et al. **Cell** 1984 Dec;39(3 Pt 2):611–21

Stepwise assembly of a pre-mRNA splicing complex requires U-snRNPs and specific intron sequences. Frendewey D, et al. **Cell** 1985 Aug;42(1):355–67

RNA splicing in neurospora mitochondria: self-splicing of a mitochondrial intron in vitro. Garriga G, et al. **Cell** 1984 Dec;39(3 Pt 2):631–41

A multicomponent complex is involved in the splicing of messenger RNA precursors. Grabowski PJ, et al. **Cell** 1985 Aug;42(1):345–53

An insertion within a variably spliced Drosophila tropomyosin gene blocks accumulation of only one encoded isoform. Karlik CC, et al. **Cell** 1985 May; 41(1):57–66

The RNA lariat: a new ring to the splicing of mRNA precursors. Keller W. **Cell** 1984 Dec;39(3 Pt 2):423–5

Trans splicing of mRNA precursors in vitro. Konarska MM, et al. **Cell** 1985 Aug;42(1):165–71

Recognition of cap structure in splicing in vitro of mRNA precursors. Konarska MM, et al. **Cell** 1984 Oct;38(3):731–6

The yeast nuclear gene NAM2 is essential for mitochondrial DNA integrity and can cure a mitochondrial RNA-maturase deficiency. Labouesse M, et al. **Cell** 1985 May;41(1):133–43

Molecular consequences of specific intron mutations on yeast mRNA splicing in vivo and in vitro. Newman AJ, et al.

Cell 1985 Aug;42(1):335–44

c-erbB activation in ALV-induced erythroblastosis: novel RNA processing and promoter insertion result in expression of an amino-truncated EGF receptor. Nilsen TW, et al. **Cell** 1985 Jul;41(3):719–26

A point mutation in the conserved hexanucleotide at a yeast 5' splice junction uncouples recognition, cleavage, and ligation. Parker R, et al. **Cell** 1985 May;41(1):107–18

mRNA splicing efficiency in yeast and the contribution of nonconserved sequences. Pikielny CW, et al. **Cell** 1985 May;41(1):119–26

Intron sequences involved in lariat formation during pre-mRNA splicing. Reed R, et al. **Cell** 1985 May; 41(1):95–105

Cryptic branch point activation allows accurate in vitro splicing of human beta-globin intron mutants. Ruskin B, et al. **Cell** 1985 Jul;41(3):833–44

RNA splicing in prokaryotes: bacteriophage T4 leads the way. Schmidt FJ. **Cell** 1985 Jun;41(2):339–40 (17 ref.)

On the origin of RNA splicing and introns. Sharp PA. **Cell** 1985 Sep;42(2):397–400 (32 ref.)

Trans splicing of mRNA precursors. Solnick D. **Cell** 1985 Aug;42(1):157–64

Reversibility of cyclization of the Tetrahymena rRNA intervening sequence: implication for the mechanism of splice site choice. Sullivan FX, et al. **Cell** 1985 Sep; 42(2):639–48

Splicing of large ribosomal precursor RNA and processing of intron RNA in yeast mitochondria. Tabak HF, et al. **Cell** 1984 Dec;39(3 Pt 2):623–9

The Tetrahymena rRNA intron self-splices in E. coli: in vivo evidence for the importance of key base-paired regions of RNA for RNA enzyme function. Waring RB, et al. **Cell** 1985 Feb;40(2):371–80

In vivo splicing products of the rabbit beta-globin pre-mRNA. Zeitlin S, et al. **Cell** 1984 Dec;39(3 Pt 2):589–602

Spliced RNA from the IR1–U2 region of Epstein–Barr virus: presence of an open reading frame for a repetitive polypeptide. Bodescot M, et al. **EMBO J** 1984 Aug; 3(8):1913–7

Primary structure of human fibronectin: differential splicing may generate at least 10 polypeptides from a single gene. Kornblihtt AR, et al. **EMBO J** 1985 Jul;4(7):1755–9

Unusual RNA splicing generates a secreted form of HLA–A2 in a mutagenized B lymphoblastoid cell line. Krangel MS. **EMBO J** 1985 May;4(5):1205–10

Synthetic donor and acceptor splice sites function in an RNA polymerase B (II) transcription unit. Rautmann G, et al. **EMBO J** 1984 Sep;3(9):2021–8

Defective splicing of thyroglobulin gene transcripts in the congenital goitre of the Afrikander cattle. Ricketts MH, et al. **EMBO J** 1985 Mar;4(3):731–7

Alternative splicing in the 5' moiety of the H-2Kd gene transcript. Transy C, et al. **EMBO J** 1984 Oct;3(10):2383–6

Expression of a human alpha-globin/fibronectin gene hybrid generates two mRNAs by alternative splicing. Vibe-Pedersen K, et al. **EMBO J** 1984 Nov;3(11):2511–6

Split genes. Danchin A, et al. **Endeavour** 1985;9(1):18–27

Self-splicing RNA: implications for evolution. Cech TR. **Int Rev Cytol** 1985;93:3–22 (77 ref.)

The origin and evolution of retroposons. Rogers JH. **Int Rev Cytol** 1985;93:187–279 (631 ref.)

Splicing in adenovirus and other animal viruses. Ziff EB. **Int Rev Cytol** 1985;93:327–58 (75 ref.)

Splice-site signals of mRNA precursors as revealed by computer search. Site-specific mutagenesis and thalassemia. Iida Y. **J Biochem (Tokyo)** 1985 Apr;97(4):1173–9

Detection of beta-globin mRNA precursor in heterogeneous nuclear ribonucleoprotein associated with U1-RNP by using anti-RNP antibody. Wagatsuma M, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1727–35

A single cardiac troponin T gene generates embryonic and adult isoforms via developmentally regulated alternate splicing. Cooper TA, et al. **J Biol Chem** 1985 Sep 15; 260(20):11140–8

Partial purification and properties of a pre-mRNA splicing activity. DiMaria PR, et al. **J Biol Chem** 1985 Jan 25; 260(2):1096–102

Structure of the human gamma-fibrinogen gene. Alternate mRNA splicing near the 3' end of the gene produces gamma A and gamma B forms of gamma-fibrinogen. Fornace AJ Jr, et al. **J Biol Chem** 1984 Oct 25; 259(20):12826–30

Transfer RNA splicing in Saccharomyces cerevisiae. Secondary and tertiary structures of the substrates. Lee MC, et al. **J Biol Chem** 1985 Mar 10;260(5):3108–15

Differential RNA splicing and post-translational cleavages in the human salivary proline-rich protein gene system. Maeda N, et al. **J Biol Chem** 1985 Sep 15;260(20):11123–30

Fast skeletal muscle myosin light chains 1 and 3 are produced from a single gene by a combined process of differential RNA transcription and splicing. Periasamy M, et al. **J Biol Chem** 1984 Nov 10;259(21):13595–604

The enzymatic conversion of 3'-phosphate terminated RNA chains to 2',3'-cyclic phosphate derivatives. Reinberg D, et al. **J Biol Chem** 1985 May 25;260(10):6088–97

Multiple mRNAs for 3-hydroxy-3-methylglutaryl coenzyme A reductase determined by multiple transcription initiation sites and intron splicing sites in the 5'-untranslated region. Reynolds GA, et al. **J Biol Chem** 1985 Aug 25; 260(18):10369–77

Splicing of Xenopus laevis ribosomal protein RNAs is inhibited in vivo by antisera to ribonucleoproteins containing U1 small nuclear RNA. Bozzoni I, et al. **J Mol Biol** 1984 Dec 25;180(4):1173–8

A model for the excision of introns 1 and 2 from adenoviral major late pre-messenger RNAs. Mariman EC, et al. **J Mol Biol** 1984 Sep 5;178(1):47–62

RNA splicing as an error-screening mechanism. Reanney DC. **J Theor Biol** 1984 Oct 5;110(3):315–21

An unusual spliced herpes simplex virus type 1 transcript with sequence homology to Epstein-Barr virus DNA. Costa RH, et al. **J Virol** 1985 May;54(2):317–28

Temperature-sensitive viral RNA expression in Moloney murine sarcoma virus ts110-infected cells. Hamelin R, et al. **J Virol** 1985 Feb;53(2):616–23

Varying the position of a retrovirus packaging sequence results in the encapsidation of both unspliced and spliced RNAs. Mann R, et al. **J Virol** 1985 May;54(2):401–7

Murine sarcoma virus ts110 RNA transcripts: origin from a single proviral DNA and sequence of the gag–mos junctions in both the precursor and spliced viral RNAs. Nash MA, et al. **J Virol** 1985 Feb;53(2):624–33

Organization of early region 1B of human adenovirus type 2: identification of four differentially spliced mRNAs. Virtanen A, et al. **J Virol** 1985 May;54(2):383–91

Alternative splicing of a Drosophila tropomyosin gene generates muscle tropomyosin isoforms with different carboxy-terminal ends. Basi GS, et al. **Mol Cell Biol** 1984 Dec;4(12):2828–36

Molecular structure of the human argininosuccinate synthetase gene: occurrence of alternative mRNA splicing. Freytag SO, et al. **Mol Cell Biol** 1984 Oct;4(10):1978–84

Nuclei of adenovirus 2-infected cells contain an RNA species that corresponds to an intron excised intact from mRNA precursors. Rosenthal R, et al. **Mol Cell Biol** 1985 May; 5(5):1084–92

Characterization of the branch site in lariat RNAs produced by splicing of mRNA precursors. Konarska MM, et al. **Nature** 1985 Feb 14–20;313(6003):552–7

Tissue-specific generation of two preprotachykinin mRNAs from one gene by alternative RNA splicing. Nawa H, et al. **Nature** 1984 Dec 20–1985 Jan 2;312(5996):729–34

A role for branchpoints in splicing in vivo. Rautmann G, et al. **Nature** 1985 May 30–Jun 5;315(6018):430–2

Haemophilia B caused by a point mutation in a donor splice junction of the human factor IX gene. Rees DJ, et al. **Nature** 1985 Aug 15–21;316(6029):643–5

Controlling roles for snurps [news] Turner P. **Nature** 1985 Jul 11–17;316(6024):105–6

Beta-thalassemia resulting from a single nucleotide substitution in an acceptor splice site. Atweh GF, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):777–90

Novel deletion mutants that enhance a distant upstream 5' splice in the E3 transcription unit of adenovirus 2. Deutscher SL, et al. **Nucleic Acids Res** 1985 Aug 26; 13(16):5771–88

Intron splicing: a conserved internal signal in introns of Drosophila pre-mRNAs. Keller EB, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4971–81

Size and position of intervening sequences are critical for the splicing efficiency of pre-mRNA in the yeast Saccharomyces cerevisiae. Klinz FJ, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):3791–804

Secondary structure of splice sites in adenovirus mRNA precursors. Munroe SH. **Nucleic Acids Res** 1984 Nov 26; 12(22):8437–56

Prediction of splice junctions in mRNA sequences. Nakata K, et al. **Nucleic Acids Res** 1985 Jul 25;13(14):5327–40

Transfer RNA splicing in Saccharomyces cerevisiae: defining the substrates. Ogden RC, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9367–82

Sequence requirements for self-splicing of the Tetrahymena thermophila pre-ribosomal RNA. Price JV, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):1871–89

Isolation and characterization of two fractions from HeLa cells required for mRNA splicing in vitro. Furneaux HM, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4351–5

Intron splicing: a conserved internal signal in introns of animal pre-mRNAs. Keller EB, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7417–20

A 5' spliced leader is added in trans to both alpha- and beta-tubulin transcripts in Trypanosoma brucei. Sather S, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5695–9

Alternative splicing patterns in an aberrantly rearranged immunoglobulin kappa-light-chain gene. Sikder SK, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4045–9

U1 RNA-protein complex preferentially binds to both 5' and 3' splice junction sequences in RNA or single-stranded DNA. Tatei K, et al. **Proc Natl Acad Sci USA** 1984 Oct; 81(20):6281–5

mRNA precursor splicing in vivo: sequence requirements determined by deletion analysis of an intervening sequence. van Santen VL, et al. **Proc Natl Acad Sci USA** 1985 May; 82(9):2885–9

The 'spliceosome': yeast pre-messenger RNA associates with a 40S complex in a splicing-dependent reaction. Brody E, et al. **Science** 1985 May 24;228(4702):963–7

Genes-in-pieces revisited. Gilbert W. **Science** 1985 May 17; 228(4701):823–4

More progress in messenger RNA splicing [news] Lewin R. **Science** 1985 May 24;228(4702):977

Ribonuclease P catalysis differs from ribosomal RNA self-splicing. Marsh TL, et al. **Science** 1985 Jul 5; 229(4708):79–81

Coupling of Tetrahymena ribosomal RNA splicing to beta-galactosidase expression in Escherichia coli. Price JV, et al. **Science** 1985 May 10;228(4700):719–22

An RNA processing activity that debranches RNA lariats. Ruskin B, et al. **Science** 1985 Jul 12;229(4709):135–40

Expression of the pX gene of HTLV-I: general splicing mechanism in the HTLV family. Seiki M, et al. **Science** 1985 Jun 28;228(4707):1532–4

Mapping the 5' ends, 3' ends, and splice sites of mRNAs from the early E3 transcription unit of adenovirus 5. Cladaras C, et al. **Virology** 1985 Jan 15;140(1):44–54

[Split genes and RNA splicing in eukaryotic cells] Stanchev B, et al. **Eksp Med Morfol** 1984;23(3):166–70 (15 ref.) **(Bul)**

RNA, TRANSFER

The nucleotide sequence of tyrosine tRNAQ* psi A from bovine liver. Johnson GD, et al. **Arch Biochem Biophys** 1985 Jan;236(1):448–53

The nucleotide sequence of proline tRNAmo5UGG from Bacillus subtilis. Hasegawa T, et al. **Biochem Int** 1985 Apr; 10(4):663–71

Optically detected magnetic resonance of Escherichia coli glutamic acid specific transfer ribonucleic acid and its anticodon-anticodon complex with yeast phenylalanine-specific transfer ribonucleic acid. Taherian MR, et al. **Biochemistry** 1984 Dec 18;23(26):6614–8

Quantitative aspects of metal ion binding to certain transfer RNA anticodon loop modified nucleosides. Schweizer MP, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):352–61

On the coordination properties of Eu3+ bound to tRNA. Draper DE. **Biophys Chem** 1985 Feb;21(2):91–101

Yeast tRNAAsp: codon and wobble codon-anticodon interactions. A transferred nuclear Overhauser enhancement study. Gronenborn AM, et al. **Eur J Biochem** 1984 Dec 3;145(2):359–64

Specific fragmentation of tRNA and rRNA at a 7-methylguanine residue in the presence of methylated carrier RNA. Zueva VS, et al. **Eur J Biochem** 1985 Feb 1;146(3):679–87

13C NMR studies of dynamics and synthetase interaction of [4-13C]uracil-labeled Escherichia coli tRNAs. Schweizer MP, et al. **Fed Proc** 1984 Dec;43(15):2984–6

Origins of life: conformational energy calculations on primitive tRNA nestling an amino acid. Balasubramanian R, et al. **J Theor Biol** 1985 Mar 7;113(1):15–28

Undermodification in the first position of the anticodon of supG-tRNA reduces translational efficiency. Hagervall TG, et al. **MGG** 1984;196(2):194–200

Nucleotide sequences of two serine tRNAs with a GGA anticodon: the structure-function relationships in the serine family of E. coli tRNAs. Grosjean H, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5697–706

Mechanism of codon recognition by transfer RNA studied with oligonucleotides larger than triplets. Labuda D, et al. **Nucleic Acids Res** 1985 May 24;13(10):3667–83

Enzymatic synthesis of anticodon-deleted and replaced Bacillus subtilis tRNAThr and their amino acid acceptor activity. Hasegawa T, et al. **Nucleic Acids Symp Ser** 1984; (15):121–4

Molecular mechanism of codon recognition by tRNA species with modified uridine in the first position of the anticodon. Yokoyama S, et al. **Proc Natl Acad Sci USA** 1985 Aug; 82(15):4905–9

Molecular mechanism of catalysis by RNA. Haydock K, et al. **Prog Clin Biol Res** 1985;172A:87–98

Basic modular format in tRNA's and rRNA's [news] Lewin R. **Science** 1985 Sep 20;229(4719):1254

[A new method of preservation of biologically active tRNA preparations] Zarnowska H, et al. **Ann Univ Mariae Curie Sklodowska [Med]** 1982;37:171–6 (Eng. Abstr.) **(Pol)**

[20 years of cooperation in the study of structure and function of tRNA and aminoacyl-tRNA-synthetases] Knorre DG, et al. **Mol Biol (Mosk)** 1984 Sep–Oct;18(5):1157–62 (Eng. Abstr.) **(Rus)**

ANALYSIS

High-performance liquid chromatographic analysis of crystals of tRNA, aminoacyl-tRNA synthetase, and their complex. Lorber B, et al. **Anal Biochem** 1985 May 1; 146(2):402–4

Minor serine tRNA containing anticodon NCA (C4 RNA) from human and mouse cells. Kato N, et al. **Biochem Int** 1983 Nov;7(5):635–45

Relationship of queuine-lacking transfer RNA to the grade of malignancy in human leukemias and lymphomas. Emmerich B, et al. **Cancer Res** 1985 Sep;45(9):4308–14

Presence of 2-methylthioribosyl-trans-zeatin in Azotobacter vinelandii tRNA. Ajitkumar P, et al. **J Bacteriol** 1985 May; 162(2):752–5

5-Methyl-2-thiouridine in the tRNA of Candida tropicalis and its localization in lysine tRNA. Patwardhan S, et al. **J Bacteriol** 1985 Apr;162(1):55–60

Modified nucleoside, 5-carbamoylmethyluridine, located in the first position of the anticodon of yeast valine tRNA. Yamamoto N, et al. **J Biochem (Tokyo)** 1985 Jan; 97(1):361–4

Transfer RNA splicing in Saccharomyces cerevisiae.

Secondary and tertiary structures of the substrates. Lee MC, et al. **J Biol Chem** 1985 Mar 10;260(5):3108-15

Determination of pseudouridine in tRNA and in acid-soluble tissue extracts by high-performance liquid chromatography. Russo T, et al. **J Chromatogr** 1984 Jul 27;296:387-93

Structure and organization of genes for transfer ribonucleic acid in Bacillus subtilis. Vold BS. **Microbiol Rev** 1985 Mar; 49(1):71-80 (62 ref.)

Isolation and characterization of RNA of Entamoeba histolytica. Albach RA, et al. **Mol Biochem Parasitol** 1984 Jul;12(3):261-72

Codon recognition during frameshift suppression in Saccharomyces cerevisiae. Gaber RF, et al. **Mol Cell Biol** 1984 Oct;4(10):2052-61

Compilation of tRNA sequences. Sprinzl M, et al. **Nucleic Acids Res** 1985;13 Suppl:r1-49

A selenium-containing nucleoside at the first position of the anticodon in seleno-tRNAGlu from Clostridium sticklandii. Ching WM, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):347-50

Covalent enzyme-RNA complex: a tRNA modification that prevents a covalent enzyme interaction also prevents aminoacylation. Starzyk R, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):339-42

[General method of analyzing the nucleotide sequence in transfer ribonucleic acid] Barciszewska M. **Postepy Biochem** 1984;30(1-2):19-26 **(Pol)**

[Transfer ribonucleic acids--25 years of studies] Barciszewski J. **Postepy Biochem** 1983;29(3-4):255-60 **(Pol)**

[Structure of yeast tRNAPhe molecule] Ciesiolka J, et al. **Postepy Biochem** 1984;30(1-2):71-106 (96 ref.) **(Pol)**

[Primary and spatial structure of tRNA] Tukalo MA. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1233-48 (98 ref.) (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Prolactin homogeneously induces the tRNA population of mouse mammary explants. Green MR, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):233-9

Stable tRNA precursors in HeLa cells. Harada F, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9263-9

Polymorphism in the structure of the yeast mitochondrial tRNA synthesis locus. Miller DL, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):859-72

Feedback ,regulation of rRNA and tRNA synthesis and accumulation of free ribosomes after conditional expression of rRNA genes. Gourse RL, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1069-73

GENETICS

tRNA-rRNA sequence homologies: evidence for an ancient modular format shared by tRNAs and rRNAs. Bloch DP, et al. **Biosystems** 1985;17(3):209-25

The nucleotide sequence of tRNAVal3a and tRNAVal3b from Drosophila melanogaster. Addison WR, et al. **Can J Biochem Cell Biol** 1985 Mar;63(3):176-82

Concerted evolution of tRNA genes: intergenic conversion among three unlinked serine tRNA genes in S. pombe. Amstutz H, et al. **Cell** 1985 Apr;40(4):879-86

Conformational change in the DNA associated with an unusual promoter mutation in a tRNA operon of Salmonella. Bossi L, et al. **Cell** 1984 Dec;39(3 Pt 2):643-52

Genetically separable functional elements mediate the optimal expression and stringent regulation of a bacterial tRNA gene. Lamond AI, et al. **Cell** 1985 Feb;40(2):319-26

Effects of temperature and single-stranded DNA on the interaction of an RNA polymerase III transcription factor with a tRNA gene. Stillman DJ, et al. **Cell** 1985 Feb; 40(2):311-7

Chromosomal location of a major tRNA gene cluster of Xenopus laevis. Fostel J, et al. **Chromosoma** 1984; 90(4):254-60

Processing of tRNA in prokaryotes and eukaryotes. Deutscher MP. **CRC Crit Rev Biochem** 1984;17(1):45-71 (171 ref.)

Structural features of yeast tRNA genes which affect transcription factor binding. Baker RE, et al. **EMBO J** 1984 Dec 1;3(12):2793-800

A split binding site for transcription factor tau on the tRNA3Glu gene. Camier S, et al. **EMBO J** 1985 Feb; 4(2):491-500

Location of transcriptional control signals and transfer RNA sequences in Torulopsis glabrata mitochondrial DNA. Clark-Walker GD, et al. **EMBO J** 1985 Feb;4(2):465-73

Identification and mutational analysis of the promoter for a spinach chloroplast transfer RNA gene. Gruissem W, et al. **EMBO J** 1985 Jul;4(7):1637-44

Supercoiling response of a bacterial tRNA gene. Lamond AI. **EMBO J** 1985 Feb;4(2):501-7

Queuosine modification of the wobble base in tRNAHis influences 'in vivo' decoding properties. Meier F, et al. **EMBO J** 1985 Mar;4(3):823-7

Functional mutants of phenylalanine transfer RNA from Escherichia coli. Vacher J, et al. **EMBO J** 1985 Feb; 4(2):509-13

The tRNA cycle and its relation to the rate of protein synthesis. Liljenström H, et al. **Eur Biophys J** 1985; 12(2):115-9

Does UGA suppressor tRNATrp from Escherichia coli have a unique CCA anticodon sequence? Delamarche C, et al. **Eur J Biochem** 1985 Apr 15;148(2):271-5

Steady-state kinetic analysis of transcription of cloned tRNASer genes from Drosophila melanogaster. Louis DS, et al. **Eur J Biochem** 1985 Apr 15;148(2):305-13

Drosophila melanogaster tRNAVal3b genes and their allogenes. Leung J, et al. **Gene** 1985;34(2-3):207-17

Localization of four genes for three tRNALeu's on the physical map of the soybean (Glycine max L.) chloroplast genome. Pillay DT, et al. **Gene** 1984 Sep;29(3):351-4

A Spiroplasma tRNA gene cluster. Rogers MJ, et al. **Isr J Med Sci** 1984 Sep;20(9):768-72

Organization and nucleotide sequence analysis of an rRNA and tRNA gene cluster from Caulobacter crescentus. Feingold J, et al. **J Bacteriol** 1985 Jul;163(1):155-66

Level of rRNA, not tRNA, synthesis controls transcription of rRNA and tRNA operons in Escherichia coli. Gourse RL, et al. **J Bacteriol** 1984 Dec;160(3):1022-6

Functional analysis of fractionated Drosophila Kc cell tRNA gene transcription components. Burke DJ, et al. **J Biol Chem** 1985 Jan 25;260(2):816-23

Purification and characterization of an endonuclease from Xenopus laevis ovaries which accurately processes the 3' terminus of human pre-tRNA-Met(i) (3' pre-tRNase). Castaño JG, et al. **J Biol Chem** 1985 Jul 25;260(15):9002-8

Processing of precursor tRNAs in Drosophila. Processing of the 3' end involves an endonucleolytic cleavage and occurs after 5' end maturation. Frendewey D, et al. **J Biol Chem** 1985 Jan 10;260(1):449-54

Partial purification of stable transcription complexes with cloned tRNA genes of Drosophila melanogaster. Greenberg GR, et al. **J Biol Chem** 1985 May 25; 260(10):6248-53

A human opal suppressor tRNA gene and pseudogene. O'Neill VA, et al. **J Biol Chem** 1985 Feb 25;260(4):2501-8

A site in a tRNA precursor that can be processed by the whole RNase P enzyme but not by the RNA alone. Subbarao MN, et al. **J Biol Chem** 1984 Dec 10; 259(23):14339-42

Plant tRNA genes: putative soybean genes for tRNAasp and tRNAmet. Waldron C, et al. **J Mol Appl Genet** 1985; 3(1):7-17

The 4.5 S RNA gene of Escherichia coli is essential for cell growth. Brown S, et al. **J Mol Biol** 1984 Sep 25; 178(3):533-50

A Drosophila melanogaster transfer RNA gene cluster at the cytogenetic locus 90BC. DeLotto R, et al. **J Mol Biol** 1984 Nov 15;179(4):587-605

Internal promoter elements of transfer RNA genes are preferentially exposed in chromatin. DeLotto R, et al. **J Mol Biol** 1984 Nov 15;179(4):607-28

Cloning and sequence analysis of the Escherichia coli 4.5 S RNA gene. Hsu LM, et al. **J Mol Biol** 1984 Sep 25; 178(3):509-31

Translation is a non-uniform process. Effect of tRNA availability on the rate of elongation of nascent polypeptide chains. Varenne S, et al. **J Mol Biol** 1984 Dec 15; 180(3):549-76

A large region controls tRNA gene transcription. Wilson ET, et al. **J Mol Biol** 1985 May 25;183(2):153-63

Primer binding sites corresponding to several tRNA species are present in DNAs of different members of the same retrovirus-like gene family (VL30). Itin A, et al. **J Virol** 1985 Apr;53(4):236-9

Undermodification in the first position of the anticodon of supG-tRNA reduces translational efficiency. Hagervall TG, et al. **MGG** 1984;196(2):194-200

Genetic mapping and cloning of the gene (trmC) responsible for the synthesis of tRNA (mnm5s2U)methyltransferase in Escherichia coli K12. Hagervall TG, et al. **MGG** 1984; 196(2):201-7

Transcription of tRNA gene fragments by HeLa cell extracts. Johnson JD, et al. **MGG** 1984;197(1):55-61

The sup8 tRNALeu gene of Schizosaccharomyces pombe has an unusual intervening sequence and reduced pairing in the anticodon stem. Sumner-Smith M, et al. **MGG** 1984; 197(3):447-52

Apparent operon for a 5S ribosomal RNA gene and for tRNA genes in the archaebacterium Methanococcus vannielii. Wich G, et al. **MGG** 1984;196(1):146-51

Frameshift suppressor mutations outside the anticodon in yeast proline tRNAs containing an intervening sequence. Cummins CM, et al. **Mol Cell Biol** 1985 Jul;5(7):1760-71

Stable transcription complex on a class III gene in a minichromosome. Lassar AB, et al. **Mol Cell Biol** 1985 Jan; 5(1):40-5

Mutations preventing expression of sup3 tRNASer nonsense suppressors of Schizosaccharomyces pombe. Pearson D, et al. **Mol Cell Biol** 1985 Apr;5(4):808-15

Construction of a vector, pRSVcatamb38, for the rapid and sensitive assay of amber suppression in human and other mammalian cells. Burke JF, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1317-26

Processing of the external transcribed spacer of murine rRNA and site of action of actinomycin D. Fetherston J, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7187-98

Host transfer RNA cleavage and reunion in T4-infected Escherichia coli CTr5x. Kaufmann G, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4333-41

Analysis of repetitive sequence elements containing tRNA-like sequences. Lawrence CB, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4239-52

Structure and cotranscription of tobacco chloroplast genes for tRNAGlu(UUC), tRNATyr(GUA) and tRNAAsp(GUC). Ohme M, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1045-56

Locations and sequences of tobacco chloroplast genes for tRNAPro(UGG), tRNATrp, tRNAfMet and tRNAGly(GCC): the tRNAGly contains only two base-pairs in the D stem. Ohme M, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6741-9

Initiation of transcription of a mitochondrial tRNA gene cluster in S. cerevisiae. Palleschi C, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7317-26

Conserved sequences in both coding and 5' flanking regions of mammalian opal suppressor tRNA genes. Pratt K, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4765-75

Nucleotide sequence of a 1.1 kb fragment of the pea chloroplast genome containing three tRNA genes, one of which is located within an open reading frame of 91 codons. Rasmussen OF, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):9143-53

Yeast mitochondrial tRNAIle and tRNAMetm: nucleotide sequence and codon recognition patterns. Sibler AP, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1341-5

Compilation of sequences of tRNA genes. Sprinzl M, et al. **Nucleic Acids Res** 1985;13 Suppl:r51-104

Point mutations in the 5' ICR and anticodon region of a Drosophila tRNAArg gene decrease in vitro transcription. Stewart TS, et al. **Nucleic Acids Res** 1985 Jan 25; 13(2):435-47

Nucleotide sequences of three tRNA genes encoded in Tetrahymena mitochondrial DNA. Suyama Y. **Nucleic Acids Res** 1985 May 10;13(9):3273-84

Nucleotide sequence of Marchantia polymorpha chloroplast DNA: a region possibly encoding three tRNAs and three proteins including a homologue of E. coli ribosomal protein S14. Umesono K, et al. **Nucleic Acids Res** 1984 Dec 21; 12(24):9551-65

Zinc ions are differentially required for the transcription of ribosomal 5S RNA and tRNA in a HeLa-cell extract. Wingender E, et al. **Nucleic Acids Res** 1984 Dec 11; 12(23):8971-85

Poly(U)-dependent polyphenylalanine and polytyrosine synthesis in vitro by a tRNATyr variant with an enzymatically altered anticodon, G-A-A. Nishikawa K, et al. **Nucleic Acids Symp Ser** 1984;(15):125-8

Suppressor sufJ: a novel type of tRNA mutant that induces translational frameshifting. Bossi L, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6105-9

Initiator tRNA may recognize more than the initiation codon in mRNA: a model for translational initiation. Ganoza MC, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4587-91

Detection of a fundamental modular format common to transfer and ribosomal RNAs: second-order spectral analysis. Nazarea AD, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5337-41

Replication-competent Moloney murine leukemia virus carrying a bacterial suppressor tRNA gene: selective cloning of proviral and flanking host sequences. Reik W, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1141-5

Molecular model of ribosome frameshifting. Weiss RB. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5797-801

Molecular mechanism of codon recognition by tRNA species with modified uridine in the first position of the anticodon. Yokoyama S, et al. **Proc Natl Acad Sci USA** 1985 Aug; 82(15):4905-9

Construction and recovery of viable retroviral genomes carrying a bacterial suppressor transfer RNA gene. Lobel LI, et al. **Science** 1985 Apr 19;228(4697):329-32

[The basis of high-fidelity translation] El'skaia AV, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1163-80 (170 ref.) (Eng. Abstr.) **(Rus)**

[tRNA-binding centers of Escherichia coli ribosomes and their structural organization] Karpova GG. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1194-207 (65 ref.) (Eng. Abstr.) **(Rus)**

[Binding of the yeast phenylalanine tRNA with Escherichia coli ribosomes. Effect of the removal of a modified base from the 3'-end of the anticodon on codon-anticodon interaction] Katunin VI, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1486-96 (Eng. Abstr.) **(Rus)**

[Interaction of tRNA with ribosomes] Kirillov SV, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1249-63 (85 ref.) (Eng. Abstr.) **(Rus)**

[The tRNA genes of pro- and eukaryotes. Organization, structure, transcription] Venkstern TV. **Mol Biol (Mosk)** 1985 Jan-Feb;19(1):36-54 (109 ref.) (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Identification and synthesis of a naturally occurring selenonucleoside in bacterial tRNAs: 5-[(methylamino)methyl]-2-selenouridine. Wittwer AJ, et al. **Biochemistry** 1984 Sep 25;23(20):4650-5

Characterisation of a Dictyostelium discoideum DNA fragment coding for a putative tRNAValGUU gene. Evidence for a single transcription unit consisting of two overlapping class III genes. Dingermann T, et al. **Eur J Biochem** 1985 Jan 15;146(2):449-58

Isolation and nucleotide sequence analysis of tRNAAlaGGC from Escherichia coli K-12. Mims BH, et al. **J Bacteriol** 1985 May;162(2):837-9

Mixed-mode chromatographic matrices for the resolution of transfer ribonucleic acids. Bischoff R, et al.

J Chromatogr 1984 Dec 28;317:251-61

High-performance liquid chromatography of tRNAs on novel stationary phases. el Rassi Z, et al. **J Chromatogr** 1985 Jun 19;326:79-90

METABOLISM

Isolation from calf brain of a polypeptide fraction affecting aminoacylation of tRNA. Brzuszkiewicz-Zarnowska H, et al. **Acta Biochim Pol** 1984;31(4):397-400

RNA is required for enzymatic conversion of glutamate to delta-aminolevulinate by extracts of Chlorella vulgaris. Weinstein JD, et al. **Arch Biochem Biophys** 1985 May 15; 239(1):87-93

Aminoacylation of anticodon loop substituted yeast tyrosine transfer RNA. Bare L, et al. **Biochemistry** 1985 Apr 23; 24(9):2354-60

Conservation of RNA sequence and cross-linking ability in ribosomes from a higher eukaryote: photochemical cross-linking of the anticodon of P site bound tRNA to the penultimate cytidine of the UACACACG sequence in Artemia salina 18S rRNA. Ciesiolka J, et al. **Biochemistry** 1985 Jun 18;24(13):3233-9

tRNA binding sites of ribosomes from Escherichia coli. Lill R, et al. **Biochemistry** 1984 Dec 18;23(26):6710-7

1,7-Diethylguanosine formation in tRNA chemical ethylation by ethionine and ethylnitrosourea. Kanduc D. **Biochim Biophys Acta** 1985 Jun 18;840(2):219-27

Differential turnover of tRNAs of the queuosine family in Dictyostelium discoideum and its possible role in regulation. Ott G, et al. **Biol Chem Hoppe Seyler** 1985 Jan; 366(1):69-76

Electron paramagnetic resonance and optical spectroscopic study of the Cu2+-tRNA system. Cannistraro S, et al. **Biophys Chem** 1985 Jun;22(1-2):107-13

Chemical carcinogenesis. I. Rat liver tRNA ethylation by ethionine. Kanduc D. **Boll Soc Ital Biol Sper** 1984 Jun 30; 60(6):1269-72

Microsome-mediated alkylation of rat liver initiator tRNA by 3,3-dimethyl-1-phenyltriazene and its ring-chlorinated derivatives. Hradec J, et al. **Carcinogenesis** 1985 Jul; 6(7):995-8

RNA processing in Neurospora crassa mitochondria: use of transfer RNA sequences as signals. Breitenberger CA, et al. **EMBO J** 1985 Jan;4(1):185-95

RNA processing in Neurospora crassa mitochondria: transfer RNAs punctuate a large precursor transcript. Burger G, et al. **EMBO J** 1985 Jan;4(1):197-204

Effects of the ribosomal subunit association on the chemical modification of the 16S and 23S RNAs from Escherichia coli. Meier N, et al. **Eur J Biochem** 1985 Jan 2;146(1):83-7

Inhibition of the aminoacylation of selected tRNA molecules by an estrogen-regulated factor on uterine ribosomes. Regulation of aminoacylation of tRNA by estrogens. Whelly SM, et al. **Eur J Biochem** 1985 Jan 15;146(2):245-53

Direct cross-linking of heptauridilate to E. coli ribosomes by water-soluble carbodiimide in the complex stabilized by codon-anticodon interaction at both A- and P-sites. Gimautdinova OI, et al. **FEBS Lett** 1985 Jun 17; 185(2):221-5

An antisuppressor mutant of Saccharomyces cerevisiae deficient in isopentenylated tRNA has reduced delta 2-isopentenylpyrophosphate: tRNA-delta 2-isopentenyl transferase activity. Laten HM, et al. **FEBS Lett** 1985 Jan 7;179(2):307-10

tRNA binding to programmed ribosomes increases the ribosomal affinity for tuberactinomycin O. Yamada T, et al. **FEBS Lett** 1985 Jan 1;179(1):37-40

Recognition of tRNAs by aminoacyl-tRNA synthetases: Escherichia coli tRNAMet and E. coli methionyl-tRNA synthetase. Schulman LH, et al. **Fed Proc** 1984 Dec; 43(15):2977-80

Selective utilization of 2-thioribothymidine- and ribothymidine-containing tRNAs by the protein synthetic systems of Thermus thermophilus HB 8 depending on the environmental temperature. Watanabe K, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1625-32

Cooperativity in low-affinity Mg2+ binding to tRNA. Labuda D, et al. **J Biol Chem** 1985 Jan 25;260(2):1103-7

Anticodon-anticodon interactions in solution. Studies of the self-association of yeast or Escherichia coli tRNAAsp and of their interactions with Escherichia coli tRNAVal. Romby P, et al. **J Mol Biol** 1985 Jul 5;184(1):107-118

Selective binding of amino acid residues to tRNAPhe. Bujalowski W, et al. **Nucleic Acids Res** 1984 Oct 11; 12(19):7549-63

Replacement and insertion of nucleotides at the anticodon loop of E. coli tRNAMetf by ligation of chemically synthesized ribooligonucleotides. Doi T, et al. **Nucleic Acids Res** 1985 May 24;13(10):3685-97

Transfer RNA splicing in Saccharomyces cerevisiae: defining the substrates. Ogden RC, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9367-82

tRNA binding modifies the properties of the small ribosomal subunit of rat liver. Reboud AM, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7889-901

Recognition mechanism of tRNA with tRNA(guanosine-2')methyltransferase from Thermus thermophilus HB 27. Matsumoto T, et al. **Nucleic Acids Symp Ser** 1984;(15):131-4

Theoretical and experimental approach to recognition of amino acid by tRNA and nucleotide II. Shimizu M, et al. **Nucleic Acids Symp Ser** 1984;(15):193-6

Transfer RNA is an essential component of the ubiquitin- and ATP-dependent proteolytic system. Ciechanover A, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1341-5

A second tRNA binding site on elongation factor Tu is induced while the factor is bound to the ribosome. Van Noort JM, et al. **Proc Natl Acad Sci USA** 1985 May; 82(10):3212-6

Ribonuclease P catalysis differs from ribosomal RNA self-splicing. Marsh TL, et al. **Science** 1985 Jul 5; 229(4708):79-81

[Platinum derivatives--cross-linking reagents for research on tRNA interaction with aminoacyl-tRNA-synthetases] Tukalo MA, et al. **Dokl Akad Nauk SSSR** 1985; 280(6):1484-7 **(Rus)**

[Affinity modification of Escherichia coli ribosomes near the acceptor tRNA-binding site] Babkina GT, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1287-96 (Eng. Abstr.) **(Rus)**

[How do ribosome binding sites recognize the functional state of tRNA?] Makarov EM, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1342-7 (Eng. Abstr.) **(Rus)**

[Mechanism of functioning of aminoacyl-tRNA-synthetases] Malygin EG, et al. **Mol Biol (Mosk)** 1984 Sep-Oct; 18(5):1264-86 (137 ref.) (Eng. Abstr.) **(Rus)**

[The effect of the antibiotic edeine on tRNA interaction with A, P and E sites of Escherichia coli 70S ribosomes] Semenkov IuP, et al. **Mol Biol (Mosk)** 1984 Sep-Oct; 18(5):1348-51 (Eng. Abstr.) **(Rus)**

[Mechanism of the stereospecific stabilization of codon-anticodon complexes in ribosomes during translation] Potapov AP. **Zh Obshch Biol** 1985 Jan-Feb; 46(1):63-77 (83 ref.) (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

[tRNA as an activator of protein kinase induced by interferon] Verkhatskaia AA, et al. **Dokl Akad Nauk SSSR** 1985 Jan-Feb;280(1):233-5 **(Rus)**

[Characteristic features of heat inactivation of leucyl-tRNA-synthetase from the rabbit liver in the presence of various tRNA conformers] Negrutskiĭ BS, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1297-300 (Eng. Abstr.) **(Rus)**

[The effect of exogenous tRNA from different sources on the biosynthesis of milk proteins] Turkovskaia GV, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1380-4 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Queuosine metabolism: possible relation to B-cell activation by C8 derivatives of guanosine. Katze JR. **Proc Soc Exp Biol Med** 1985 Sep;179(4):492-6

Hematopoiesis and the inosine modification in transfer RNA. Trewyn RW, et al. **Proc Soc Exp Biol Med** 1985 Sep; 179(4):497-503

On the biological significance of modified nucleosides in tRNA. Kersten H. **Prog Nucleic Acid Res Mol Biol** 1984; 31:59-114 (244 ref.)

Queuosine modification in tRNA and expression of genes of electron transport chains. Kersten H. **Prog Nucleic Acid Res Mol Biol** 1984;31:463-5

URINE

Transfer RNA breakdown products in the urine of asbestos workers. Fischbein A, et al. **Cancer Detect Prev** 1984; 7(4):247-52

RNA, TRANSFER, METHYLTRANSFERASES

Recognition of the ribosomal RNA structures by purified nucleolar RNA methyltransferase. Obara M, et al. **Sangyo Ika Daigaku Zasshi** 1983 Sep 1;5(3):337-42

GENETICS

Genetic mapping and cloning of the gene (trmC) responsible for the synthesis of tRNA (mnm5s2U)methyltransferase in Escherichia coli K12. Hagervall TG, et al. **MGG** 1984; 196(2):201-7

ISOLATION & PURIFICATION

[tRNA(adenine-1-)-methyltransferase from Thermus thermophilus HB8] Morozov IA, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1363-8 (Eng. Abstr.) **(Rus)**

METABOLISM

Studies on 1-methyl adenine transfer RNA methyltransferase of Mycobacterium smegmatis. Brahmachari V, et al. **Arch Microbiol** 1984 Nov;140(1):91-5

Site specificities of three transfer RNA methyltransferases from yeast. Sindhuphak T, et al. **Biochim Biophys Acta** 1985 Jan 29;824(1):66-73

Differences in activity of N2-guanine tRNA methyltransferase II among several inbred strains of mice. Dizik M, et al. **JNCI** 1985 Jan;74(1):223-8

Recognition mechanism of tRNA with tRNA(guanosine-2')methyltransferase from Thermus thermophilus HB 27. Matsumoto T, et al. **Nucleic Acids Symp Ser** 1984;(15):131-4

RNA TUMOR VIRUSES see **RETROVIRIDAE**

RNA, VIRAL

2' phosphomonoester, 3'-5' phosphodiester bond at a unique site in a circular viral RNA. Kiberstis PA, et al. **EMBO J** 1985 Mar;4(3):817-27

Messenger RNA structure participating in the initiation of synthesis of cucumber mosaic virus coat protein. Hidaka S, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):161-71

A genetic probe for identifying bluetongue virus infections in vivo and in vitro. Roy P, et al. **J Gen Virol** 1985 Jul; 66 (Pt 7):1613-9

Purification and characterization of ternary complexes containing accurately initiated RNA polymerase II and less than 20 nucleotides of RNA. Coppola JA, et al. **J Mol Biol** 1984 Sep 15;178(2):415-37

Effect of spermidine on the conformation of bacteriophage MS2 RNA. Electron microscopy and computer modeling. Jacobson AB, et al. **J Mol Biol** 1985 Feb 20;181(4):517-31

Identification and predicted sequence of a previously unrecognized small hydrophobic protein, SH, of the paramyxovirus simian virus 5. Hiebert SW, et al. **J Virol** 1985 Sep;55(3):744-51

Nucleic acid structure and expression of the human AIDS/lymphadenopathy retrovirus. Muesing MA, et al. **Nature** 1985 Feb 7-13;313(6002):450-8

Conformational requirements of tobacco mosaic virus RNA for aminoacylation and adenylation. Joshi RL, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):347-54

Fusion protein of the paramyxovirus simian virus 5: nucleotide sequence of mRNA predicts a highly hydrophobic glycoprotein. Paterson RG, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6706-10

Sequence of the black beetle virus subgenomic RNA and its location in the viral genome. Guarino LA, et al. **Virology** 1984 Nov;139(1):199-203

Attenuation of type A7 and A21 coxsackie viruses by transfection of cells with viral RNA. Verhagen W, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Feb; 259(1):132-41

[Study of the secondary and tertiary structure of phage MS2 RNA using nucleases and fluorescent dyes specific for secondary structure] Borisova OF, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1625-33 (Eng. Abstr.) **(Rus)**

[Study of the structural organization of RNA from phage MS2 using fluorescent dyes] Borisova OF, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1617-24 (Eng. Abstr.) **(Rus)**

ANALYSIS

Polyacrylamide gel electrophoresis of the Kemerovo virus RNA. Slávik I, et al. **Acta Virol (Praha)** 1984 Jul; 28(4):257-66

Oligonucleotide fingerprints of antigenically related bovine coronavirus and human coronavirus OC43. Lapps W, et al. **Arch Virol** 1985;86(1-2):101-8

Rubella virus RNA: effect of high multiplicity passage. Terry GM, et al. **Arch Virol** 1985;86(1-2):29-36

Molecular cloning and partial characterization of the coxsackievirus B3 genome. Brief report. Tracy S, et al. **Arch Virol** 1985;85(1-2):157-63

Detection of genomic differences between the avian reovirus isolate S1133 and its high-passage derivative P100. Huang DD, et al. **Avian Dis** 1984 Jul-Sep;28(3):799-803

Nucleic acid and structural proteins of infectious bursal disease virus isolates belonging to serotypes I and II. Jackwood DJ, et al. **Avian Dis** 1984 Oct-Dec; 28(4):990-1006

Comparison of viral RNA electrophoresis and indirect ELISA methods in the diagnosis of human rotavirus infection. Avendaño LF, et al. **Bull Pan Am Health Organ** 1984;18(3):245-9

Nucleotide sequence of cucumber mosaic virus RNA. 1. Presence of a sequence complementary to part of the viral satellite RNA and homologies with other viral RNAs. Rezaian MA, et al. **Eur J Biochem** 1985 Jul 15;150(2):331-9

Detection of human rotavirus by nucleic acid analysis in comparison to enzyme-linked immunoassay and electron microscopy. Selb B, et al. **Eur J Clin Microbiol** 1985 Feb; 4(1):41-5

Epidemiology of rotavirus gastroenteritis in infants from the area of Bochum as revealed by electrophoresis of genome RNA. Houly C, et al. **Eur J Pediatr** 1984 Dec;143(2):128-32

Characterization of nucleic acids associated with Arkansas bee virus. Lommel SA, et al. **Intervirology** 1985; 23(4):199-207

Nucleotide sequence of the tobacco mosaic virus (tomato strain) genome and comparison with the common strain genome. Ohno T, et al. **J Biochem (Tokyo)** 1984 Dec; 96(6):1915-23

Epidemiology of rotavirus electropherotypes determined by a simplified diagnostic technique with RNA analysis. Dolan KT, et al. **J Clin Microbiol** 1985 May;21(5):753-8

Comparison of genomic homologies in the coxsackievirus B group by use of cDNA:RNA dot-blot hybridization. Tracy S. **J Clin Microbiol** 1985 Mar;21(3):371-4

Comparison of RNA from healthy and scrapie-infected hamster brain. German TL, et al. **J Gen Virol** 1985 Apr; 66 (Pt 4):839-44

The proteins and RNAs of St. Abb's Head virus, a Scottish

Uukuvirus. Watret GE, et al. **J Gen Virol** 1985 May;66 (Pt 5):1001-10

Virus myocarditis: molecular hybridization allows the detection of virus-RNA in heart muscle after virus infection. Zähringer J, et al. **J Mol Cell Cardiol** 1985 Jan; 17(1):83-5

Characterization of virulent and avirulent A/chicken/Pennsylvania/83 influenza A viruses: potential role of defective interfering RNAs in nature. Bean WJ, et al. **J Virol** 1985 Apr;53(4):151-60

Three intergenic regions of coronavirus mouse hepatitis virus strain A59 genome RNA contain a common nucleotide sequence that is homologous to the 3' end of the viral mRNA leader sequence. Budzilowicz CJ, et al. **J Virol** 1985 Mar;53(3):834-40

Cloning and nucleotide sequences of cDNAs spanning the splice junctions of Rous sarcoma virus mRNAs. Chang LJ, et al. **J Virol** 1985 Mar;53(3):969-72

Fine structure of the cottontail rabbit papillomavirus mRNAs expressed in the transplantable VX2 carcinoma. Danos O, et al. **J Virol** 1985 Mar;53(3):735-41

Partial nucleotide sequence of Rous sarcoma virus-29 provides evidence that the original Rous sarcoma virus was replication defective. Dutta A, et al. **J Virol** 1985 Sep; 55(3):728-35

Temporal regulation of baculovirus RNA: overlapping early and late transcripts. Friesen PD, et al. **J Virol** 1985 May; 54(2):392-400

Role of the 3' long open reading frame region of bovine leukemia virus in the maintenance of cell transformation. Kettmann R, et al. **J Virol** 1985 Jun;54(3):899-901

Analysis of the major transcripts encoded by the long repeat of human cytomegalovirus strain AD169. McDonough SH, et al. **J Virol** 1985 Mar;53(3):711-8

Structure of the intracellular defective viral RNAs of defective interfering particles of mouse hepatitis virus. Makino S, et al. **J Virol** 1985 May;54(2):329-36

The pX region of the bovine leukemia virus is transcribed as a 2.1-kilobase mRNA. Mamoun RZ, et al. **J Virol** 1985 May;54(2):625-9

Construction and use of cDNA clones for the mapping and identification of Epstein-Barr virus early P3HR-1 mRNAs. Manet E, et al. **J Virol** 1985 May;54(2):608-14

Varying the position of a retrovirus packaging sequence results in the encapsidation of both unspliced and spliced RNAs. Mann R, et al. **J Virol** 1985 May;54(2):401-7

Intracellular location of rabbit poxvirus nucleic acid within infected cells as determined by in situ hybridization. Minnigan H, et al. **J Virol** 1985 Sep;55(3):634-43

Complete sequence of bluetongue virus L2 RNA that codes for the antigen recognized by neutralizing antibodies. Purdy MA, et al. **J Virol** 1985 Sep;55(3):826-30

Genetic mapping of lymphocytic choriomeningitis virus pathogenicity: virulence in guinea pigs is associated with the L RNA segment. Riviere Y, et al. **J Virol** 1985 Sep; 55(3):704-9

Structural characterization of virion proteins and genomic RNA of human parainfluenza virus 3. Storey DG, et al. **J Virol** 1984 Dec;52(3):761-6

Characterization of a variant virus selected in rat brains after infection by coronavirus mouse hepatitis virus JHM. Taguchi F, et al. **J Virol** 1985 May;54(2):429-35

Organization of early region 1B of human adenovirus type 2: identification of four differentially spliced mRNAs. Virtanen A, et al. **J Virol** 1985 May;54(2):383-91

Deletion in the 3' pol sequence correlates with aberration of RNA expression in certain replication-defective avian sarcoma viruses. Wang LH. **J Virol** 1985 May;54(2):446-59

Detection of avocado sunblotch viroid by hybridization with synthetic oligonucleotide probes. Bar-Joseph M, et al. **J Virol Methods** 1985 Jan;10(1):69-73

Assessment of sequence relatedness of double-stranded RNA genes by RNA-RNA blot hybridization. Bodkin DK, et al. **J Virol Methods** 1985 Jan;10(1):45-52

A double labeling technique for performing immunocytochemistry and in situ hybridization in virus infected cell cultures and tissues. Gendelman HE, et al. **J Virol Methods** 1985 Jun;11(2):93-103

Efficiency of in situ hybridization as a function of probe size and fixation technique. Moench TR, et al. **J Virol Methods** 1985 Jun;11(2):119-30

A rapid screening assay for detecting individual RNA species in field isolates of rotaviruses. Pedley S, et al. **J Virol Methods** 1984 Oct;9(2):173-81

Detecting bluetongue virus RNA in cell culture by dot hybridization with a cloned genetic probe. Squire KR, et al. **J Virol Methods** 1985 Jan;10(1):59-68

Intracisternal A-particle gene expression in normal mouse thymus tissue: gene products and strain-related variability. Kuff EL, et al. **Mol Cell Biol** 1985 Mar;5(3):474-83

Detection of measles virus RNA in lymphocytes from peripheral-blood and brain perivascular infiltrates of patients with subacute sclerosing panencephalitis. Fournier JG, et al. N **Engl J Med** 1985 Oct 10;313(15):910-5

Characterization of the branch site in lariat RNAs produced by splicing of mRNA precursors. Konarska MM, et al. **Nature** 1985 Feb 14-20;313(6003):552-7

A new principle of RNA folding based on pseudoknotting. Pleij CW, et al. **Nucleic Acids Res** 1985 Mar 11; 13(5):1717-31

Detailed analysis of the mRNAs mapping in the short unique region of herpes simplex virus type 1. Rixon FJ, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):953-73

Rotavirus electrophoretypes in infantile gastro-enteritis. An epidemiological study. Lourenco MH, et al. **Pathol Biol (Paris)** 1985 Feb;33(2):93-7

Sequence analysis of hepatitis A virus cDNA coding for capsid proteins and RNA polymerase. Baroudy BM, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2143-7

Molecular cloning and complete sequence determination of RNA genome of human rhinovirus type 14. Callahan PL, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):732-6

The long terminal repeat sequences of a novel human endogenous retrovirus. O'Connell CD, et al. **Science** 1984 Dec 7;226(4679):1204-6

Combined macroscopic and microscopic detection of viral genes in tissues. Haase AT, et al. **Virology** 1985 Jan 15; 140(1):201-6

1H, 13C, and 31P nuclear magnetic resonance studies of cowpea mosaic virus: detection and exchange of polyamines and dynamics of the RNA. Virudachalam R, et al. **Virology** 1985 Feb;141(1):43-50

Localized conserved regions of the S RNA gene products of bunyaviruses are revealed by sequence analyses of the Simbu serogroup Aino virus. Akashi H, et al. **Virus Res** 1984 Jan;1(1):51-63

Sequence of the membrane protein gene from avian coronavirus IBV. Boursnell ME, et al. **Virus Res** 1984; 1(4):303-13

Complete nucleotide sequence of the influenza C/California/78 virus nucleoprotein gene. Nakada S, et al. **Virus Res** 1984 Sep;1(6):433-41

Biochemical and serological studies of influenza B viruses: comparisons of historical and recent isolates. Oxford JS, et al. **Virus Res** 1984;1(3):241-58

Structure of the influenza C glycoprotein gene as determined from cloned DNA. Pfeifer JB, et al. **Virus Res** 1984; 1(4):281-96

Conserved sequences and coding of two strains of lymphocytic choriomeningitis virus (WE and ARM) and Pichinde arenavirus. Romanowski V, et al. **Virus Res** 1985 Feb;2(1):35-51

Rise per base pair in helices of double-stranded rotavirus RNA determined by electron microscopy. Taylor P, et al. **Virus Res** 1985 Mar;2(2):175-82

Small-angle X-ray and light scattering studies on the influence of Mg2+ ions on the structure of the RNA from bacteriophage MS2. Ribitsch G, et al. **Z Naturforsch** [C] 1985 Mar-Apr;40(3-4):234-41

[Silver nitrate staining of influenza virus RNA in polyacrylamide gel] Tian SF, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1985 Feb; 7(1):61-3 (Eng. Abstr.) **(Chi)**

[Heterogeneity of the poly(C) tract of encephalomyocarditis virus RNA] Svitkin IuV, et al. **Bioorg Khim** 1983 Dec; 9(12):1638-43 (Eng. Abstr.) **(Rus)**

[Physicochemical properties of the RNA and proteins of an influenza virus H1N3 isolated from an ill child and antigenically analogous to A/whale/TO/19/76] Vladimirtseva EA, et al. **Vopr Virusol** 1985 Mar-Apr; 30(2):163-6 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Expression of long terminal repeat (LTR) sequences in carcinogen-induced murine skin carcinomas. Housey GM, et al. **Biochem Biophys Res Commun** 1985 Feb 28; 127(1):391-8

Synthesis of (+) and (-) RNA molecules of potato spindle tuber viroid (PSTV) in isolated nuclei and its impairment by transcription inhibitors. Spiesmacher E, et al. **Biosci Rep** 1985 Mar;5(3):251-65

Role of the nucleocapsid protein in regulating vesicular stomatitis virus RNA synthesis. Arnheiter H, et al. **Cell** 1985 May;41(1):259-67

The role of RNA priming in viral and trypanosomal mRNA synthesis. Krug RM. **Cell** 1985 Jul;41(3):651-2 (16 ref.)

The host protein required for in vitro replication of poliovirus is a protein kinase that phosphorylates eukaryotic initiation factor-2. Morrow CD, et al. **Cell** 1985 Apr;40(4):913-21

Macromolecular synthesis in cells infected by frog virus 3. Willis DB, et al. **Curr Top Microbiol Immunol** 1985; 116:77-106 (109 ref.)

In vitro synthesis of full-length influenza virus complementary RNA. del Rio L, et al. **EMBO J** 1985 Jan; 4(1):243-7

The ribonuclease-III-processing site near the 5' end of an RNA precursor of bacteriophage T4 and its effect on termination. Gurevitz M, et al. **Eur J Biochem** 1985 Mar 15;147(3):581-6

Encephalomyocarditis virus replication complexes preferentially utilizing nucleoside diphosphates as substrates for viral RNA synthesis. Nucleotide kinases specifically associated with the complex channel RNA precursor. Koonin EV, et al. **Eur J Biochem** 1984 Oct 15; 144(2):249-54

Cell cycle position and expression of encephalomyocarditis virus in mouse embryo fibroblasts. Mallucci L, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1501-6

In vitro replication of Sendai virus wild-type and defective interfering particle genome RNAs. Carlsen SR, et al. **J Virol** 1985 May;54(2):493-500

Inhibition of viral mRNA translation in interferon-treated L cells infected with reovirus. De Benedetti A, et al. **J Virol** 1985 Sep;55(3):588-93

Inhibition of influenza viral mRNA synthesis in cells expressing the interferon-induced Mx gene product. Krug RM, et al. **J Virol** 1985 Oct;56(1):201-6

Purification of a soluble template-dependent rhinovirus RNA polymerase and its dependence on a host cell protein for viral RNA synthesis. Morrow CD, et al. **J Virol** 1985 Jan; 53(1):266-72

Poliovirus RNA-dependent RNA polymerase and host cell protein synthesize product RNA twice the size of poliovirion RNA in vitro. Young DC, et al. **J Virol** 1985 May;54(2):256-64

Synthesis of brome mosaic virus subgenomic RNA in vitro by internal initiation on (-)-sense genomic RNA. Miller WA, et al. **Nature** 1985 Jan 3-9;313(5997):68-70

Translational control by adenovirus: lack of virus-associated RNAI during adenovirus infection results in phosphorylation of initiation factor eIF-2 and inhibition of protein synthesis. Siekierka J, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):1959-63

The x gene is essential for HTLV replication. Chen IS, et al. **Science** 1985 Jul 5;229(4708):54-8

Nonpermissive infection of lymphoblastoid cells by vesicular stomatitis virus. I. Synthesis and function of the viral transcripts. Johnson GP, et al. **Virus Res** 1984;1(3):259-74

Inhibitory effect of papaverine on RNA and protein synthesis of vesicular stomatitis virus. Mukherjee PK, et al. **Virus Res** 1985 Jul;3(1):57-67

A specific sub-set of host-cell mRNAs prime influenza viral mRNA synthesis. Shaw MW, et al. **Virus Res** 1984 Sep; 1(6):455-67

[Enzymatic synthesis of oligonucleotides corresponding to the 3'-terminus of influenza virus RNA] Zhenodarova SM, et al. **Bioorg Khim** 1983 Oct;9(10):1382-7 (Eng. Abstr.) **(Rus)**

[Synthesis of the tobacco mosaic virus in blocked spreading of infection] Dorokhov IuL, et al. **Mol Biol (Mosk)** 1985 May-Jun;19(3):654-61 (Eng. Abstr.) **(Rus)**

GENETICS

The genome of simian hemorrhagic fever virus. Sagripanti JL. **Arch Virol** 1984;82(1-2):61-72

Transcripts and the putative RNA pregenome of duck hepatitis B virus: implications for reverse transcription. Büscher M, et al. **Cell** 1985 Mar;40(3):717-24

Mapping the major transcripts of ground squirrel hepatitis virus: the presumptive template for reverse transcriptase is terminally redundant. Enders GH, et al. **Cell** 1985 Aug; 42(1):297-308

Enhancement of RNA polymerase III transcription by the E1A gene product of adenovirus. Hoeffler WK, et al. **Cell** 1985 Jul;41(3):955-63

Biochemistry of arenaviruses. Compans RW, et al. **Curr Top Microbiol Immunol** 1985;114:153-75 (127 ref.)

Defective-interfering (DI) RNAs of influenza viruses: origin, structure, expression, and interference. Nayak DP, et al. **Curr Top Microbiol Immunol** 1985;114:103-51 (145 ref.)

Spliced RNA from the IR1-U2 region of Epstein-Barr virus: presence of an open reading frame for a repetitive polypeptide. Bodescot M, et al. **EMBO J** 1984 Aug; 3(8):1913-7

Study of the genetic organisation of a plant viral RNA genome by in vitro expression of a full-length DNA copy. Vos P, et al. **EMBO J** 1984 Dec 20;3(13):3049-53

Stable secondary structures at the 3'-end of the genome of yellow fever virus (17 D vaccine strain). Grange T, et al. **FEBS Lett** 1985 Aug 19;188(1):159-63

Molecular cloning of a full-length cDNA encoding the hemagglutinin-neuraminidase glycoprotein of Sendai virus. Miura N, et al. **FEBS Lett** 1985 Aug 19;188(1):112-6

In vitro translation of fractionated RNA isolated from chicken leukaemic plasma virus (AMV). A 76K pol-related polypeptide. Malý A. **Folia Biol (Praha)** 1984;30(6):404-11

Sequencing of coronavirus IBV genomic RNA: a 195-base open reading frame encoded by mRNA B. Boursnell ME, et al. **Gene** 1984 Jul-Aug;29(1-2):87-92

Methods for cDNA cloning and sequencing tobacco mosaic virus RNA. Goelet P, et al. **Gene** 1984 Sep;29(3):331-4

Cloned infectious complementary DNA of the poliovirus Sabin 1 genome: biochemical and biological properties of the recovered virus. Omata T, et al. **Gene** 1984 Dec; 32(1-2):1-10

Splicing in adenovirus and other animal viruses. Ziff EB. **Int Rev Cytol** 1985;93:327-58 (75 ref.)

Morphology and nucleic acid of rice gall dwarf virus. Boccardo G, et al. **Intervirology** 1985;23(3):167-71

Progression to steroid autonomy in S115 mouse mammary tumor cells: role of DNA methylation. Darbre P, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1410-5

Comparative studies of A/Leningrad/134/57 wild-type and 47-times passaged cold-adapted mutant influenza viruses: oligonucleotide mapping and RNA-RNA hybridization studies. Cox NJ, et al. **J Gen Virol** 1985 Aug;66 (Pt 8):1697-704

Oligonucleotide fingerprint analysis of strains of Getah virus isolated in Japan and Malaysia. Morita K, et al. **J Gen Virol** 1984 Nov;65 (Pt 11):1899-908

Coding sequence of coronavirus MHV-JHM mRNA 4. Skinner MA, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):593-6

Coronavirus MHV-JHM mRNA 5 has a sequence arrangement which potentially allows translation of a second, downstream open reading frame. Skinner MA, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):581-92

A model for the excision of introns 1 and 2 from adenoviral major late pre-messenger RNAs. Mariman EC, et al. **J Mol Biol** 1984 Sep 5;178(1):47-62

Messenger RNAs from the transforming region of bovine papilloma virus type I. Stenlund A, et al. **J Mol Biol** 1985 Apr 20;182(4):541-54

Sequencing studies of pichinde arenavirus S RNA indicate a novel coding strategy, an ambisense viral S RNA. Auperin DD, et al. **J Virol** 1984 Dec;52(3):897-904

The envelope-associated 22K protein of human respiratory syncytial virus: nucleotide sequence of the mRNA and a related polytranscript. Collins PL, et al. **J Virol** 1985 Apr; 53(4):65-71

mRNA sequence of three respiratory syncytial virus genes encoding two nonstructural proteins and a 22K structural protein. Elango N, et al. **J Virol** 1985 Jul;55(1):101-10

In vitro transcription of herpes simplex virus genes: identification of a new initiation site and second intervening sequence in the immediate-early RNA-5 gene. Fontichiaro KL, et al. **J Virol** 1985 Jan;53(1):235-42

Temperature-sensitive viral RNA expression in Moloney murine sarcoma virus ts110-infected cells. Hamelin R, et al. **J Virol** 1985 Feb;53(2):616-23

Accumulation of herpes simplex virus type 1 RNAs of different kinetic classes in the cytoplasm of infected cells. Harris-Hamilton E, et al. **J Virol** 1985 Jan;53(1):144-51

Generation of a uniform 3' end RNA of murine leukemia virus. Honigman A, et al. **J Virol** 1985 Jan;53(1):330-4

Mapping of RNA transcribed from a region of the Herpesvirus saimiri genome required for oncogenicity. Kamine J, et al. **J Virol** 1984 Nov;52(2):532-40

Mapping in vivo initiation sites of RNA transcription and determining their relative use. Kessler M, et al. **J Virol** 1984 Oct;52(1):277-80

Molecular cloning of the six mRNA species of infectious hematopoietic necrosis virus, a fish rhabdovirus, and gene order determination by R-loop mapping. Kurath G, et al. **J Virol** 1985 Feb;53(2):469-76

Characterization of infectious hematopoietic necrosis virus mRNA species reveals a nonvirion rhabdovirus protein. Kurath G, et al. **J Virol** 1985 Feb;53(2):462-8

Persistent and acute central nervous system infections are caused by Theiler's murine encephalomyelitis viruses which differ in RNA composition but code for only slightly different proteins. Lorch Y, et al. **J Virol** 1984 Dec; 52(3):960-5

Transcription of overlapping sets of RNAs from the genome of Autographa californica nuclear polyhedrosis virus: a novel method for mapping RNAs. Lübbert H, et al. **J Virol** 1984 Oct;52(1):255-65

Influenza C virus RNA 7 codes for a nonstructural protein. Nakada S, et al. **J Virol** 1985 Oct;56(1):221-6

Murine sarcoma virus ts110 RNA transcripts: origin from a single proviral DNA and sequence of the gag-mos junctions in both the precursor and spliced viral RNAs. Nash MA, et al. **J Virol** 1985 Feb;53(2):624-33

RNase H-mediated release of the retrovirus RNA polyadenylate tail during reverse transcription. Olsen JC, et al. **J Virol** 1985 Jan;53(1):324-9

Cell-free translation of bovine viral diarrhea virus RNA. Purchio AF, et al. **J Virol** 1984 Dec;52(3):973-5

Characterization of human endogenous retroviral envelope RNA transcripts. Rabson AB, et al. **J Virol** 1985 Oct; 56(1):176-82

The S RNA segment of lymphocytic choriomeningitis virus codes for the nucleoprotein and glycoproteins 1 and 2. Riviere Y, et al. **J Virol** 1985 Mar;53(3):966-8

Tissue-specific expression of the newly acquired ecotropic Emv-18 provirus in Fv-2 congenic mice. Robson IB, et al. **J Virol** 1985 Jul;55(1):54-9

Cloning and characterization of DNA complementary to the canine distemper virus mRNA encoding matrix, phosphoprotein, and nucleocapsid protein. Rozenblatt S, et al. **J Virol** 1985 Feb;53(2):691-4

Sequence homology within the morbilliviruses. Rozenblatt S, et al. **J Virol** 1985 Feb;53(2):684-90

Studies of defective interfering RNAs of Sindbis virus with and without tRNAAsp sequences at their 5' termini. Tsiang M, et al. **J Virol** 1985 Apr;53(4):38-44

Constitutive expression of Epstein-Barr virus-encoded RNAs and nuclear antigen during latency and after induction of Epstein-Barr virus replication. Weigel R, et al. **J Virol** 1985 Jan;53(1):254-9

A revised replication cycle for viroids: the role of longer than unit length RNA in viroid replication. Ishikawa M, et al. **MGG** 1984;196(3):421-8

In vitro template activity of 0.3 mRNA from wild type and initiation mutants of bacteriophage T7. Ohsawa H, et al. **MGG** 1984;196(1):53-8

Structural requirements of adenovirus VAI RNA for its translation enhancement function. Bhat RA, et al. **Mol Cell Biol** 1985 Jan;5(1):187-96

Role of intron-contained sequences in formation of moloney murine leukemia virus env mRNA. Hwang LS, et al. **Mol Cell Biol** 1984 Nov;4(11):2289-97

Nuclei of adenovirus 2-infected cells contain an RNA species that corresponds to an intron excised intact from mRNA precursors. Rosenthal R, et al. **Mol Cell Biol** 1985 May; 5(5):1084-92

Regulation of a protein synthesis initiation factor by adenovirus virus-associated RNA. Reichel PA, et al. **Nature** 1985 Jan 17-23;313(5999):196-200

Adenovirus mutants with DNA sequence perturbations in the intragenic promoter of VAI RNA gene allow the enhanced transcription of VAII RNA gene in HeLa cells. Bhat RA, et al. **Nucleic Acids Res** 1984 Oct 11; 12(19):7377-88

Primary and secondary structure of black beetle virus RNA2, the genomic messenger for BBV coat protein precursor. Dasgupta R, et al. **Nucleic Acids Res** 1984 Sep 25; 12(18):7215-23

Efficient in vitro synthesis of biologically active RNA and RNA hybridization probes from plasmids containing a bacteriophage SP6 promoter. Melton DA, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7035-56

Exon mutations that affect the choice of splice sites used in processing the SV40 late transcripts. Somasekhar MB, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5591-609

Deletions in the 3'-terminal tRNA-like structure of brome mosaic virus RNA differentially affect aminoacylation and replication in vitro. Bujarski JJ, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5636-40

Nucleotide sequence of the satellite of peanut stunt virus reveals structural homologies with viroids and certain nuclear and mitochondrial introns. Collmer CW, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3110-4

Domains in viroids: evidence of intermolecular RNA rearrangements and their contribution to viroid evolution. Keese P, et al. **Proc Natl Acad Sci USA** 1985 Jul; 82(14):4582-6

Analysis of the terminal sequences of the genome segments of four orbiviruses. Mertens PP, et al. **Prog Clin Biol Res** 1985;178:371-87

Genome RNAS of virulent and attenuated strains of bluetongue virus serotypes 10, 11, 13 and 17. Ramig RF, et al. **Prog Clin Biol Res** 1985;178:389-96

Cloning and nucleotide sequencing of bluetongue virus genomes. Roy P, et al. **Prog Clin Biol Res** 1985;178:363-70

Bovine leukemia virus long terminal repeat: a cell type-specific promoter. Derse D, et al. **Science** 1985 Jan 18;227(4684):317-20

Nucleotide sequence of yellow fever virus: implications for flavivirus gene expression and evolution. Rice CM, et al. **Science** 1985 Aug 23;229(4715):726-33

Trans activation of the bovine leukemia virus long terminal repeat in BLV-infected cells. Rosen CA, et al. **Science** 1985 Jan 18;227(4684):320-2

Expression of the 3' terminal region of human T-cell leukemia viruses. Wachsman W, et al. **Science** 1984 Oct 12;226(4671):177-9

Comparison of messenger RNAs induced in cells infected with each member of the morbillivirus group. Barrett T, et al. **Virology** 1985 Aug;145(1):195-9

Replication strategy of Kunjin virus: evidence for recycling role of replicative form RNA as template in semiconservative and asymmetric replication. Chu PW, et al. **Virology** 1985 Jan 15;140(1):68-79

Correct sequence for the major nucleocapsid protein mRNA of respiratory syncytial virus. Collins PL, et al. **Virology** 1985 Oct 15;146(1):69-77

Establishment of cell lines persistently infected with foot-and-mouth disease virus. de la Torre JC, et al. **Virology** 1985 Aug;145(1):24-35

Characterization of the infections of permissive and nonpermissive cells by host range mutants of vesicular stomatitis virus defective in RNA methylation. Horikami SM, et al. **Virology** 1984 Oct 15;138(1):1-15

Expression of Sendai virus defective-interfering genomes with internal deletions. Hsu CH, et al. **Virology** 1985 Oct 15;146(1):38-49

Long terminal repeat of Friend-MCF virus contains the sequence responsible for erythroid leukemia. Ishimoto A, et al. **Virology** 1985 Feb;141(1):30-42

RNA and capsid accumulation in cowpea protoplasts that are resistant to cowpea mosaic virus strain SB. Kiefer MC, et al. **Virology** 1984 Sep;137(2):371-81

RNA sequence and transcriptional properties of the 3' end of the Newcastle disease virus genome. Kurilla MG, et al. **Virology** 1985 Sep;145(2):203-12

Replication of peanut stunt virus and its associated RNA 5 in cowpea protoplasts. Linthorst HJ, et al. **Virology** 1984 Dec;139(2):317-29

Analysis of genomic and intracellular viral RNAs of small plaque mutants of mouse hepatitis virus, JHM strain. Makino S, et al. **Virology** 1984 Nov;139(1):138-51

Hepatitis B viral DNA-RNA hybrid molecules in particles from infected liver are converted to viral DNA molecules during an endogenous DNA polymerase reaction. Miller RH, et al. **Virology** 1984 Nov;139(1):64-72

Hepatitis B virus particles of plasma and liver contain viral DNA-RNA hybrid molecules. Miller RH, et al. **Virology** 1984 Nov;139(1):53-63

Cottontail rabbit papillomavirus-specific transcripts in transplantable tumors with integrated DNA. Nasseri M, et al. **Virology** 1984 Oct 30;138(2):362-7

Nucleotide sequences responsible for generation of internally deleted Sendai virus defective interfering genomes. Re GG, et al. **Virology** 1985 Oct 15;146(1):27-37

Polyadenylic acid sequences in the genomic RNA of the togavirus of simian hemorrhagic fever. Sagripanti JL. **Virology** 1985 Sep;145(2):350-5

Sequence comparison of the 3' ends of a subgenomic RNA and the genomic RNAs of barley stripe mosaic virus. Stanley J, et al. **Virology** 1984 Dec;139(2):375-83

Detection of genomic-length soybean mosaic virus RNA on polyribosomes of infected soybean leaves. Vance VB, et al. **Virology** 1984 Oct 15;138(1):26-36

Base mutations in the terminal noncoding regions of the genome of vesicular stomatitis virus isolated from persistent infections of L cells. Wilusz J, et al. **Virology** 1985 Jan 30;140(2):249-56

The structure of the major immediate early gene of human cytomegalovirus strain AD169. Akrigg A, et al. **Virus Res** 1985 Mar;2(2):107-21

Characterization of leader-related small RNAs in coronavirus-infected cells: further evidence for leader-primed mechanism of transcription. Baric RS, et al. **Virus Res** 1985 Jul;3(1):19-33

Sequence of the nucleoprotein gene of influenza A/parrot/Ulster/73. Steuler H, et al. **Virus Res** 1985 Jul; 3(1):35-40

[Initiation of RNA replication] Takegami T. **Tanpakushitsu Kakusan Koso** 1984 Jul;29(7):551-63 (86 ref.) **(Jpn)**

[The nucleotide sequence of the 3'-terminal region of encephalomyocarditis virus RNA] Grachev SA, et al. **Bioorg Khim** 1983 Jul;9(7):986-9 (Eng. Abstr.) **(Rus)**

[Nucleotide sequence of the 3'-terminus of encephalomyocarditis virus RNA] Petrov NA, et al. **Bioorg Khim** 1984 Feb;10(2):274-9 (Eng. Abstr.) **(Rus)**

[Synonymous codon usage at the ends of double-stranded regions in the secondary structure of mRNA] Nechipurenko IuD, et al. **Dokl Akad Nauk SSSR** 1985; 282(3):721-4 **(Rus)**

[Reproduction and assembly of oncoviruses] Sherban SD, et al. **Eksp Onkol** 1984;6(5):3-9 (75 ref.) (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Antibody to poliovirus genome-linked protein (VPg) precipitates in vitro synthesized RNA attached to VPg-precursor polypeptide(s). Morrow CD, et al. **Virus Res** 1984;1(2):89-100

ISOLATION & PURIFICATION

New U1 RNA species found in Friend SFFV (spleen focus forming virus)-transformed mouse cells. Kato N, et al. **J Biol Chem** 1985 Jun 25;260(12):7775-82

Increase of cloning efficiencies by using high-performance liquid chromatography-purified vectors and linkers. Dornburg R, et al. **J Chromatogr** 1984 Jul 27;296:379-85

A mutant of fowl plague virus (influenza A) with an enhanced electrophoretic mobility of RNA segment 8. Bürger H, et al. **J Gen Virol** 1985 Aug;66 (Pt 8):1679-86

Analysis of the secondary structure of the poly(C) tract in foot-and-mouth disease virus RNAs. Mellor EJ, et al. **J Gen Virol** 1985 Sep;66 (Pt 9):1919-29

Detection of rotaviruses by nucleic acid hybridization with cloned DNA of simian rotavirus SA11 genes. Dimitrov DH, et al. **J Infect Dis** 1985 Aug;152(2):293-300

Isolation of human rotaviruses with a distinct RNA electrophoretic pattern from Indonesia. Hasegawa A, et al. **Microbiol Immunol** 1984;28(6):719-22

Isolation and characterization of canine distemper virus-specific RNA. Hirayama N, et al. **Microbiol Immunol** 1985;29(1):47-54

Characterization of murine hepatitis virus (JHM) RNA from rats with experimental encephalomyelitis. Jackson DP, et al. **Virology** 1984 Sep;137(2):297-304

METABOLISM

Translational modulation in vitro of a eukaryotic viral mRNA encoding overlapping genes: ribosome scanning and potential roles of conformational changes in the P/C mRNA of Sendai virus. Gupta KC, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):91-7

RNA-protein interactions and secondary structures of cowpea chlorotic mottle virus for in vitro assembly. Verduin BJ, et al. **Biochemistry** 1984 Sep 11;23(19):4301-8

Site-specific cleavage of tobacco mosaic virus RNA: a study of factors influencing the cleavage. Saleem M, et al. **Can J Biochem Cell Biol** 1985 May;63(5):382-6

Processing of the intron-containing thymidylate synthase (td) gene of phage T4 is at the RNA level. Belfort M, et al. **Cell** 1985 Jun;41(2):375-82

Accurate cleavage and polyadenylation of exogenous RNA substrate. Moore CL, et al. **Cell** 1985 Jul;41(3):845-55

Requirements for entry of poliovirus RNA into cells at low pH. Madshus IH, et al. **EMBO J** 1984 Sep;3(9):1945-50

Translational discrimination between the four RNAs of alfalfa mosaic virus. A quantitative evaluation. Godefroy-Colburn T, et al. **Eur J Biochem** 1985 Mar 15; 147(3):541-8

Cap accessibility correlates with the initiation efficiency of alfalfa mosaic virus RNAs. Godefroy-Colburn T, et al. **Eur J Biochem** 1985 Mar 15;147(3):549-52

The accuracy of Q beta RNA translation. 1. Errors during the synthesis of Q beta proteins by intact Escherichia coli cells. Khazaie K, et al. **Eur J Biochem** 1984 Nov 2; 144(3):485-9

The accuracy of Q beta RNA translation. 2. Errors during the synthesis of Q beta proteins by cell-free Escherichia coli extracts. Khazaie K, et al. **Eur J Biochem** 1984 Nov 2;144(3):491-5

Transcription termination factor rho mediates simultaneous release of RNA transcripts and DNA template from complexes with Escherichia coli RNA polymerase. Andrews C, et al. **J Biol Chem** 1985 May 10;260(9):5826-31

Alterations in early adenovirus transcription and mRNA abundance induced by translational inhibitors. Eggerding FA. **J Biol Chem** 1985 Jul 15;260(14):8354-9

Site-specific phosphorylation of avian retrovirus nucleocapsid protein pp12 regulates binding to viral RNA. Evidence for different protein conformations. Fu X, et al. **J Biol Chem** 1985 Aug 15;260(17):9941-7

Effect of viral infection on host protein synthesis and mRNA association with the cytoplasmic cytoskeletal structure. Bonneau AM, et al. **J Cell Biol** 1985 Apr;100(4):1209-18

Nucleocapsid disassembly and early gene expression by positive-strand RNA viruses. Wilson TM. **J Gen Virol** 1985 Jun;66 (Pt 6):1201-7 (63 ref.)

Cleavage of nascent reovirus mRNA by localized activation of the 2'-5'-oligoadenylate-dependent endoribonuclease. Baglioni C, et al. **J Virol** 1984 Dec;52(3):865-71

Reverse transcription of 7S L RNA by an avian retrovirus. Chen PJ, et al. **J Virol** 1985 May;54(2):278-84

Inhibition of binding to initiation complexes of nascent reovirus mRNA by double-stranded RNA-dependent protein kinase. De Benedetti A, et al. **J Virol** 1985 May; 54(2):408-13

Analyses of the mRNA transcription processes of snowshoe hare bunyavirus S and M RNA species. Eshita Y, et al. **J Virol** 1985 Sep;55(3):681-9

The accessibility of phage MS2 RNA to structure specific nucleases in various conditions. Grechko VV, et al. **Mol Biol Rep** 1985 Apr;10(3):137-42

Adenovirus VAI RNA prevents phosphorylation of the eukaryotic initiation factor 2 alpha subunit subsequent to infection. Schneider RJ, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4321-5

Prosomes are involved in the repression of viral mRNA. Horsch A, et al. **Z Naturforsch [C]** 1985 May-Jun; 40(5-6):449-50

PHARMACODYNAMICS

[Properties of double-stranded RNA as an interferon inducer] Nosik NN, et al. **Vopr Virusol** 1984 Sep-Oct;29(5):599-603 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Interferon induction by viruses: double-stranded ribonucleic acid as the common proximal inducer molecule. Marcus PI. **Interferon** 1984;3:113-75 (237 ref.)

RNA VIRUSES

Toroviridae: a taxonomic proposal. Horzinek MC, et al. **Zentralbl Veterinarmed [B]** 1984 Oct;31(9):649-59 (14 ref.)

ANALYSIS

Polyacrylamide gel electrophoresis of the Kemerovo virus RNA. Slávik I, et al. **Acta Virol (Praha)** 1984 Jul; 28(4):257-66

CLASSIFICATION

The nucleocapsid of Berne virus. Horzinek MC, et al. **J Gen Virol** 1985 Jun;66 (Pt 6):1287-96

Exotic viruses and the liver. Howard CR, et al. **Semin Liver Dis** 1984 Nov;4(4):361-74 (76 ref.)

GENETICS

Inhibition of cell functions by RNA-virus infections. Kääriäinen L, et al. **Annu Rev Microbiol** 1984;38:91-109 (156 ref.)

Nucleocapsid disassembly and early gene expression by positive-strand RNA viruses. Wilson TM. **J Gen Virol** 1985 Jun;66 (Pt 6):1201-7 (63 ref.)

Long internal inverted repeat in a yeast viral double-stranded RNA. Bruenn J, et al. **Nucleic Acids Res** 1985 Mar 11; 13(5):1575-91

Structure and expression of the M2 genomic segment of a type 2 killer virus of yeast. Hannig EM, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4379-400

GROWTH & DEVELOPMENT

Experimental infection with Puumala virus, the etiologic agent of nephropathia epidemica, in bank voles (Clethrionomys glareolus). Yanagihara R, et al. **J Virol** 1985 Jul;55(1):34-8

[Studies on growth conditions of EHF virus in primary rat lung cell culture] Hang CS, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Oct; 6(5):353-5 (Eng. Abstr.) **(Chi)**

IMMUNOLOGY

Geographical distribution and age related prevalence of antibody to Hantaan-like virus in rat populations of Baltimore, Maryland, USA. Childs JE, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):385-7

Serological evidence of Hantaan virus infection in the United States. Yanagihara R, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):396-9

Antiviral neutralizing antibody to Hantaan virus as determined by plaque reduction technique. Takenaka A, et al. **Arch Virol** 1985;84(3-4):197-206

Complement fixing antibodies to Orungo virus in food animals of Northern Nigeria. Ezeifeka GO, et al. **Int J Zoonoses** 1984 Dec;11(2):149-54

Infectivity titration of hemorrhagic fever with renal syndrome virus: use of immune adherence hemagglutination for detection of virus growth. Matsuura Y, et al. **J Clin Microbiol** 1984 Sep;20(3):483-5

Definition of three serotypes of Hantaviruses by a double sandwich ELISA with biotin-avidin amplification system. Goldgaber D, et al. **J Gen Virol** 1985 Aug;66 (Pt 8):1733-40

Reservoir animals for nephropathia epidemica in Norway: indications of a major role for the bank vole (C. glareolus) in comparison with the woodmouse (A. sylvaticus). Sommer AI, et al. **J Hyg (Lond)** 1985 Feb;94(1):123-7

Antigenic difference between viral strains causing classical and mild types of epidemic hemorrhagic fever with renal syndrome in China. Song G, et al. **J Infect Dis** 1984 Dec; 150(6):889-94

Hemagglutination-inhibiting antibody in hemorrhagic fever with renal syndrome. Tsai TF, et al. **J Infect Dis** 1984 Dec;150(6):895-8

Antigenic differences between two viruses, isolated in Japan and Korea, that cause hemorrhagic fever with renal syndrome. Yamanishi K, et al. **J Virol** 1984 Oct;52(1):231-7

Serological evidence for Hantaan-related virus in Africa [letter] Gonzalez JP, et al. **Lancet** 1984 Nov 3; 2(8410):1036-7

Antigenic and genetic properties of viruses linked to hemorrhagic fever with renal syndrome. Schmaljohn CS, et al. **Science** 1985 Mar 1;227(4690):1041-4

Rational design of vaccines against enveloped RNA viruses. Stephenson JR. **Vaccine** 1985 Mar;3(1):69-72

Antibodies to Berne virus in horses and other animals. Weiss M, et al. **Vet Microbiol** 1984 Oct;9(6):523-31

[Equine viral arteritis: detection of antibodies of horses in Argentina] Nosetto EO, et al. **Zentralbl Veterinarmed [B]** 1984 Aug;31(7):526-9 (Eng. Abstr.) **(Spa)**

ISOLATION & PURIFICATION

Haemorrhagic fever virus with renal syndrome in small rodents in Czechoslovakia. Grešíková M, et al. **Acta Virol (Praha)** 1984 Sep;28(5):416-21

Isolation of a Hantaan-related virus from Brazilian rats and serologic evidence of its widespread distribution in South America. LeDuc JW, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):810-5

Hantaan-like viruses from domestic rats captured in the United States. LeDuc JW, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):992-8

Isolation in Vero-E6 cells of Hanta virus from Clethrionomys glareolus captured in the Bashkiria area of the U.S.S.R. Tkachenko EA, et al. **Ann Soc Belg Med Trop** 1984; 64(4):425-6

Isolation of arboviruses from insects collected at Beatrice Hill, Northern Territory of Australia, 1974-1976. Standfast HA, et al. **Aust J Biol Sci** 1984;37(5-6):351-66

Evaluation of focus reduction neutralization test with peroxidase-antiperoxidase staining technique for hemorrhagic fever with renal syndrome virus. Tanishita O, et al. **J Clin Microbiol** 1984 Dec;20(6):1213-5

Isolation of haemorrhagic fever with renal syndrome virus from leukocytes of rats and virus replication in cultures of rat and human macrophages. Nagai T, et al. **J Gen Virol** 1985 Jun;66 (Pt 6):1271-8

Serological and virological evidence of a Hantaan virus-related enzootic in the United States. Tsai TF, et al. **J Infect Dis** 1985 Jul;152(1):126-36

Isolation of haemorrhagic fever with renal syndrome virus from Suncus murinus, an insectivore [letter] Tang YW, et al. **Lancet** 1985 Mar 2;1(8427):513-4

Isolation and propagation of nephropathia epidemica virus in bank voles. Yanagihara R, et al. **Scand J Infect Dis** 1984; 16(3):225-8

[Cases of hemorrhagic fever renal syndrome in 3 counties of the Guang Xi Zhuang Tribe Autonomous Region for the first time with the recovery of hemorrhagic fever viral agents from infected rodents] Huang ZX. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Feb; 6(1):18-9 (Eng. Abstr.) **(Chi)**

[Hantaan viruses. Pathogenic agents in zoonoses] van Tongeren HA. **Tijdschr Diergeneeskd** 1985 Jun 1; 110(11):440-6 (54 ref.) **(Dut)**

[Isolation of strains of the virus of hemorrhagic fever with renal syndrome in cell culture] Bashkirtsev VN, et al. **Vopr Virusol** 1984 Jul-Aug;29(4):497-502 (Eng. Abstr.) **(Rus)**

METABOLISM

[Glycoproteins of RNA-containing enveloped viruses] Derevitskaia VA. **Bioorg Khim** 1983 May;9(5):581-615 (299 ref.) (Eng. Abstr.) **(Rus)**

PATHOGENICITY

Hantaan virus. Sutton RN. **J Infect** 1985 Mar;10(2):93-5 (25 ref.)

Experimental infection in newborn mice and rats by hemorrhagic fever with renal syndrome (HFRS) virus. Yamanouchi T, et al. **Microbiol Immunol** 1984; 28(12):1345-53

ULTRASTRUCTURE

Distinction between Bunyaviridae genera by surface structure and comparison with Hantaan virus using negative stain electron microscopy. Martin ML, et al. **Arch Virol** 1985;86(1-2):17-28

Capsid symmetry of viruses of the proposed Birnavirus group. Ozel M, et al. **Arch Virol** 1985;84(3-4):149-61

RNA-protein interactions and secondary structures of cowpea chlorotic mottle virus for in vitro assembly. Verduin BJ, et al. **Biochemistry** 1984 Sep 11;23(19):4301-8

[Morphological study of two strains of hemorrhagic fever renal syndrome virus isolated from patients] Yu CZ. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Apr; 6(2):119-21 (Eng. Abstr.) **(Chi)**

RNASE see **RIBONUCLEASES**

RNASE A see **RIBONUCLEASE, PANCREATIC**

RO 7-2956 see under **IMIDAZOLES**

RO 10-9359 see **ETRETINATE**

RO 20-1724 see under **IMIDAZOLES**

ROBENIDINE see under **GUANIDINES**

ROBOTICS see **AUTOMATION**

ROCKY MOUNTAIN SPOTTED FEVER

COMPLICATIONS

Encephalitis associated with Rocky Mountain spotted fever. Katz DA, et al. **Arch Pathol Lab Med** 1985 Aug; 109(8):771-3

DIAGNOSIS

Rocky Mountain spotted fever in children in Kansas: the diagnostic value of an IgM-specific immunofluorescence assay. Hays PL. **J Infect Dis** 1985 Feb;151(2):369-70

Lest we forget--spring is here: North Carolina spotless fever in adults. Blythe WB. **NC Med J** 1985 Jun;46(6):347-8

DRUG THERAPY

Rocky Mountain spotted fever: epidemiological and early clinical signs are keys to treatment and reduced mortality. Woodward TE. **J Infect Dis** 1984 Oct;150(4):465-8

IMMUNOLOGY

The prevalence of antibodies to Rickettsia rickettsii in an area endemic for Rocky Mountain spotted fever. Wilfert CM, et al. **J Infect Dis** 1985 May;151(5):823-31

OCCURRENCE

Epidemiology of Rocky Mountain spotted fever in Ohio, 1981: serologic evaluation of canines and rickettsial isolation from ticks associated with human case exposure sites. Gordon JC, et al. **Am J Trop Med Hyg** 1984 Sep; 33(5):1026-31

Occurrence of Rocky Mountain spotted fever in relation to climatic, geophysical, and ecologic variables. Kaplan JE, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1281-2

Surveillance of Rocky Mountain spotted fever in the United States, 1981-1983. Fishbein DB, et al. **J Infect Dis** 1984 Oct;150(4):609-11

Rocky Mountain spotted fever: clinical, laboratory, and epidemiological features of 262 cases. Helmick CG, et al. **J Infect Dis** 1984 Oct;150(4):480-8

Serological evidence of subclinical Rocky Mountain spotted fever infections in Texas. Taylor JP, et al. **J Infect Dis** 1985 Feb;151(2):367-9

Epidemiology of Rocky Mountain spotted fever a determined by active surveillance. Wilfert CM, et al. **J Infect Dis** 1984 Oct;150(4):469-79

Rocky Mountain spotted fever--United States, 1984. **MMWR** 1985 Apr 12;34(14):195-7

Surveillance of Rocky Mountain spotted fever, United States, 1981-1983. Fishbein DB, et al. **MMWR CDC Surveill Summ** 1984;33(3):15SS-18SS

PATHOLOGY

Rocky Mountain spotted fever. Gastrointestinal and pancreatic lesions and rickettsial infection. Randall MB, et al. **Arch Pathol Lab Med** 1984 Dec;108(12):963-7

PHYSIOPATHOLOGY

Rocky Mountain spotted fever. McHugh TP, et al. **Ann Emerg Med** 1984 Dec;13(12):1132-6

M-mode echocardiographic abnormalities in Rocky Mountain spotted fever. Feltes TF, et al. **South Med J** 1984 Sep;77(9):1130-2

PREVENTION & CONTROL

Characterization of monoclonal antibodies protecting mice against Rickettsia rickettsii. Anacker RL, et al. **J Infect Dis** 1985 Jun;151(6):1052-60

VETERINARY

Rocky Mountain spotted fever in dogs and its differentiation from canine ehrlichiosis. Greene CE, et al. **J Am Vet Med Assoc** 1985 Mar 1;186(5):465-72

ROD OUTER SEGMENTS see under **RODS AND CONES**

RODENT CONTROL

see related
RODENTICIDES

Leptospiral exposure in Detroit rodent control workers. Demers RY, et al. **Am J Public Health** 1985 Sep; 75(9):1090-1

[Proposals for an ecological control of Argentinian hemorrhagic fever by management of the habitat] Busch M, et al. **Medicina (B Aires)** 1984;44(1):34-40 (Eng. Abstr.) **(Spa)**

ECONOMICS

[Economic evaluation of various methods of sanitation of territories endemic for zoonotic cutaneous leishmaniasis (based on the example of the Golodnaia and Dzhizak steppes of the Uzbek S.S.R.)] Zhakhangirov ShM, et al. **Med Parazitol (Mosk)** 1985 Jan-Feb;(1):62-8 (Eng. Abstr.) **(Rus)**

METHODS

[Experimental deratization on a commercial swine-breeding farm] Kesiakova S, et al. **Vet Med Nauki** 1985;22(6):86-93 (Eng. Abstr.) **(Bul)**

[Control of house rodents in villages and towns using baiting boxes containing toxic baits] Zhao CS. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Jun; 6(3):159-61 (Eng. Abstr.) **(Chi)**

RODENT DISEASES

Effect of vitamin A deficiency on mammary gland development and susceptibility to mastitis through intramammary infusion with Staphylococcus aureus in mice. Chew BP, et al. **Am J Vet Res** 1985 Jan;46(1):287-93

Hodgkin's disease-like lesion in a rat. Majeed SK, et al. **J Comp Pathol** 1985 Jan;95(1):123-6

A new diabetic strain of rat (WBN/Kob). Tsuchitani M, et al. **Lab Anim** 1985 Jul;19(3):200-7

[Diseases of nutria and their therapeutic potential] Körner E. **Tierarztl Prax** 1985;13(2):235-40 (Eng. Abstr.) **(Ger)**

BLOOD

Anemia and potassium permeability of red blood cells in analbuminemic rats. Sugiyama K, et al. **Jikken Dobutsu** 1984 Jul;33(3):307-18

COMPLICATIONS

Failure of a slow channel calcium antagonist, verapamil, to retard atherosclerosis in the Watanabe heritable hyperlipidemic rabbit: an animal model of familial hypercholesterolemia. Tilton GD, et al. **J Am Coll Cardiol** 1985 Jul;6(1):141-4

CONGENITAL

Pathology of vaginal atresia in BALB/cA-nu/+ and BALB/cA-nu/nu mice. Matsushita S, et al. **Jikken Dobutsu** 1984 Jul;33(3):365-8

[Morphological study on the hypoplastic testis with aplasia of the epididymis, ductus deferens, and gland of the ductus deferens in the TW inbred rat] Ajisawa C, et al. **Jikken Dobutsu** 1985 Apr;34(2):189-95 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

Mycoplasma pulmonis detection in rodents: lessons for diagnosis in other species. Cassell GH, et al. **Isr J Med Sci** 1984 Sep;20(9):859-65

Enzyme-linked immunosorbent assay in the diagnosis of Kilham rat virus infection in rats. Singh SB, et al. **Lab Anim** 1984 Oct;18(4):364-70

Characterization of spontaneous amyloidosis of Syrian hamsters using the potassium permanganate method. Mezza LE, et al. **Lab Anim Sci** 1984 Aug;34(4):376-80

A comparison of serological techniques for plague surveillance. Shepherd AJ, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):771-3

[Serodiagnosis of Mycoplasma pulmonis infection in mice and rats by an enzyme-linked immunosorbent assay] Matsubara J, et al. **Jikken Dobutsu** 1985 Jan;34(1):49-55 (Eng. Abstr.) **(Jpn)**

DRUG THERAPY

Ivermectin treatment of notoedric mange in two fox squirrels. Evans RH. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1437-8

The use of 2-substituted 5-nitroimidazoles in the treatment of chronic murine Trypanosoma brucei infections with central nervous system involvement. Jennings FW, et al. **Z Parasitenkd** 1984;70(6):691-7

[Proposal for the treatment of Syphacia muris infection in the laboratory rat with the agent pyrvinium pamoate] Veletzky S, et al. **Zentralbl Veterinarmed [B]** 1985 Feb; 32(2):149-53 (Eng. Abstr.) **(Ger)**

[The antiataxic mechanism of TRH in rolling mouse Nagoya: the effects of pretreatment with dopaminergic and cholinergic drugs] Matsui K, et al. **Jikken Dobutsu** 1984 Oct;33(4):465-9 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

An Alcaligenes faecalis isolate from turkeys: pathogenicity in selected avian and mammalian species. Marshall DR, et al. **Am J Vet Res** 1985 May;46(5):1181-4

Factors affecting spontaneous tumor incidence rates in mice: a literature review. Everett R. **CRC Crit Rev Toxicol** 1984; 13(3):235-51 (103 ref.)

Clonal origin of spontaneous multiple mammary tumors in mice with cellular mosaicism. Tanaka K, et al. **Gann** 1984 Sep;75(9):792-7

Enzootic and epizootic adrenal medullary proliferative disease of rats: influence of dietary factors which affect calcium absorption. Roe FJ, et al. **Hum Toxicol** 1985 Jan; 4(1):27-52

Suspected parvovirus infection in porcupines. Frelier PF, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1291-4

Nephrotic syndrome associated with renal amyloidosis in a colony of Syrian hamsters. Murphy JC, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1359-62

Papovavirus in epitheliomas appearing on lymphoma-bearing hamsters: lack of association with horizontally transmitted lymphomas of Syrian hamsters. Coggin JH Jr, et al. **JNCI** 1985 Jul;75(1):91-7

Acute meningoencephalomyelitis in a rabbit infected with Pasteurella multocida. Murray KA, et al. **Lab Anim Sci** 1985 Apr;35(2):169-71

Pathogenesis of mouse scrapie: dynamics of vacuolation in brain and spinal cord after intraperitoneal infection. Cole S, et al. **Neuropathol Appl Neurobiol** 1985 May-Jun; 11(3):213-27

Retroviral spongiform polioencephalomyelopathy. Gardner MB. **Rev Infect Dis** 1985 Jan-Feb;7(1):99-110 (71 ref.)

FAMILIAL & GENETIC

Developmental studies of mouse hereditary anemias. Russell ES. **Am J Med Genet** 1984 Aug;18(4):621-41 (94 ref.)

Motheaten mice--an animal model with an inherited form of interstitial lung disease. Rossi GA, et al. **Am Rev Respir Dis** 1985 Jan;131(1):150-8

Evidence for a major gene for rapid postweaning growth in mice. Bradford GE, et al. **Genet Res** 1984 Dec; 44(3):293-308

Characterization of dominant cataract mutations in mice: penetrance, fertility and homozygous viability of mutations recovered after 250 mg/kg ethylnitrosourea paternal treatment. Favor J. **Genet Res** 1984 Oct;44(2):183-97

Chromosomal anomalies that cause male sterility in the mouse also reduce ovary size. Mittwoch U, et al. **Genet Res** 1984 Oct;44(2):219-24

The angora locus (go) in the mouse: hair morphology, duration of growth cycle and site of action. Pennycuik PR, et al. **Genet Res** 1984 Dec;44(3):283-91

Genetic and developmental studies of a new mouse mutation that produces otocephaly. Juriloff DM, et al. **J Craniofac Genet Dev Biol** 1985;5(2):121-45

Situs inversus in homozygous mice without immotile cilia. Handel MA, et al. **J Hered** 1984 Nov-Dec;75(6):498

Association of megacolon with a new dominant spotting gene (Dom) in the mouse. Lane PW, et al. **J Hered** 1984 Nov-Dec;75(6):435-9

Anorexia, a recessive mutation causing starvation in preweanling mice. Maltais LJ, et al. **J Hered** 1984 Nov-Dec;75(6):468-72

Osteosclerosis, a recessive skeletal mutation on chromosome 19 in the mouse. Marks SC Jr, et al. **J Hered** 1985 May-Jun; 76(3):171-6

Rats with congenital tremor and curled whiskers and hair. Yamada J, et al. **Jikken Dobutsu** 1985 Apr;34(2):183-8

Multiple cutaneous papillomas and carcinomas that develop spontaneously in a mouse mutant, the repeated epilation heterozygote Er/+. Lutzner MA, et al. **JNCI** 1985 Jul; 75(1):161-6

Skeletal morphogenesis: comparative effects of a mutant gene and a teratogen. Kochhar DM. **Prog Clin Biol Res** 1985; 171:267-81 (39 ref.)

Differential gene expression in autoimmune mice. Mountz JD, et al. **Surv Immunol Res** 1985;4(1):48-64 (67 ref.)

IMMUNOLOGY

Autoimmune thyroiditis. Spontaneous autoimmune thyroiditis in praomys (Mastomys) coucha. Solleveld HA, et al. **Am J Pathol** 1985 May;119(2):345-9

Immunity to toxoplasmosis in hamsters. Elwell MR, et al. **Am J Vet Res** 1984 Dec;45(12):2668-74

Delayed-type hypersensitivity responses induced by bovine colostral components. Radosevich JK, et al. **Am J Vet Res** 1985 Apr;46(4):875-8

Cytokinetics of mononuclear phagocyte response to listeriosis in genetically-determined sensitive and resistant murine hosts. Punjabi CJ, et al. **Clin Invest Med** 1984;7(3):165-72

Murine malaria: resistance of AXB/BXA recombinant inbred mice to Plasmodium chabaudi. Stevenson MM, et al. **Infect Immun** 1985 Feb;47(2):452-6

A reliable rat model of the delayed hypersensitivity skin test response. Christou NV, et al. **J Surg Res** 1984 Oct; 37(4):264-8

Enhanced expression of class I major histocompatibility complex gene (Dk) products on immunogenic variants of a spontaneous murine carcinoma. Carlow DA, et al. **JNCI** 1985 Aug;75(2):291-301

Alteration of viral respiratory infections of mice by prior infection with mouse hepatitis virus. Carrano VA, et al. **Lab Anim Sci** 1984 Dec;34(6):573-6

Effect of cyclophosphamide on Tyzzer's disease of mice. Nakayama H, et al. **Nippon Juigaku Zasshi** 1985 Feb; 47(1):81-8

Indirect immunofluorescence and immunodiffusion tests in the detection of antibodies to foot-and-mouth disease virus. Schudel AA, et al. **Vet Res Commun** 1985 Feb;9(1):15-23

Macrophage mediated resistance to Babesia microti in Nematospiroides dubius--infected mice. Mzembe SA, et al. **Z Parasitenkd** 1984;70(6):753-61

[Susceptibility of mice to Sendai virus infection] Iwai H. **Jikken Dobutsu** 1984 Jul;33(3):275-82 (63 ref.) **(Jpn)**

METABOLISM

An experimental model of syndrome of inappropriate antidiuretic hormone secretion in the rat. Verbalis JG. **Am J Physiol** 1984 Oct;247(4 Pt 1):E540-53

Hypothalamic catecholamine histofluorescence in dwarf mice. Phelps CJ, et al. **Cell Tissue Res** 1985;240(1):19-25

Abnormal collagen fibrillogenesis in epiphyseal cartilage of CMD (cartilage matrix deficiency) mouse. Kobayakawa M, et al. **Coll Relat Res** 1985 Mar;5(2):137-47

Proteoglycans and glycosaminoglycans in cartilage from the brachymorphic (bm/bm) mouse. Wikström B, et al. **Coll Relat Res** 1985 Mar;5(2):193-204

Squamous carcinoma model of humoral hypercalcemia of malignancy. Gkonos PJ, et al. **Endocrinology** 1984 Dec; 115(6):2384-90

Alterations in skeletal muscle proteins in obese and nonobese rats. Lanza-Jacoby S, et al. **Int J Obes** 1984;8(5):451-6

Zinc metabolism in lethal-milk mice. Otolith, lactation, and aging effects. Erway LC, et al. **J Hered** 1984 Nov-Dec; 75(6):480-4

Interaction of dietary fat and protein in spontaneous diseases of Syrian golden hamsters. Birt DF, et al. **JNCI** 1985 Jul; 75(1):127-33

MICROBIOLOGY

Detection of astroviruses in gut contents of nude and normal mice. Brief report. Kjeldsberg E, et al. **Arch Virol** 1985; 84(1-2):135-40

Brucella abortus infection in the bank vole (Clethrionomys glareolus). Redwood DW, et al. **Br Vet J** 1985 Jul-Aug; 141(4):397-400

Isolation, propagation, and characterization of a newly recognized pathogen, cilia-associated respiratory bacillus of rats, an etiological agent of chronic respiratory disease. Ganaway JR, et al. **Infect Immun** 1985 Feb;47(2):472-9

Serological and virological evidence of a Hantaan virus-related enzootic in the United States. Tsai TF, et al. **J Infect Dis** 1985 Jul;152(1):126-36

Experimental Corynebacterium kutscheri infection in rats: bacteriology and serology. Brownstein DG, et al. **Lab Anim Sci** 1985 Apr;35(2):135-8

Bacterial and mycoplasmal flora of the middle ear of laboratory rats with otitis media. Eamens GJ. **Lab Anim Sci** 1984 Oct;34(5):480-3

Evidence that a novel rotavirus-like agent of rats can cause gastroenteritis in man. Eiden J, et al. **Lancet** 1985 Jul 6; 2(8445):8-11

[Salmonella abortus ovis carrier state in dogs and rats] Vodas K, et al. **Vet Med Nauki** 1985;22(1):10-5 (Eng. Abstr.) **(Bul)**

[Biological properties, phage typing and antimicrobial susceptibility of Staphylococcus aureus isolated from dermatitis in laboratory mice] Shimizu A, et al. **Jikken Dobutsu** 1985 Apr;34(2):155-63 (Eng. Abstr.) **(Jpn)**

[Rabies in the common hamster (Cricetus cricetus) in Slovakia] Svrček S, et al. **Vet Med (Praha)** 1984 Nov; 29(11):643-52 (Eng. Abstr.) **(Slo)**

MORTALITY

[Experimental studies of Bordetella bronchiseptica infection in guinea pigs] Krüger M, et al. **Arch Exp Veterinarmed** 1984 Sep;38(5):658-63 (Eng. Abstr.) **(Ger)**

OCCURRENCE

Epidemiological study of hemorrhagic fever with renal syndrome related virus infection among urban rats in two islands in Tokyo Bay, Japan. Arikawa J, et al. **Acta Virol (Praha)** 1985 Jan;29(1):66-72

Geographical distribution and age related prevalence of antibody to Hantaan-like virus in rat populations of Baltimore, Maryland, USA. Childs JE, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):385-7

Mice as reservoirs of the Lyme disease spirochete. Levine JF, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):355-60

Fleas on roof rats in six areas of Los Angeles County, California: their potential role in the transmission of plague and murine typhus to humans. Schwan TG, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):372-9

Mite (Schizocarpus mingaudi) infestations of ranch-raised beavers. Foreyt WJ, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1414-5

Susceptibility of small mammals to nonvirulent spotted fever group rickettsiae. Norment BR, et al. **J Med Entomol** 1985 Mar 22;22(2):200-3

Distribution, prevalence and intensity of Trichinella spiralis infection in furbearing mammals of Pennsylvania. Schad GA, et al. **J Parasitol** 1984 Jun;70(3):372-7

An epizootic form of Tyzzer's disease in a rat colony. Itoh T, et al. **Jikken Dobutsu** 1985 Jan;34(1):85-8

The effect of repeated reproduction on the incidence of pituitary tumours in Wistar rats. Pickering CE, et al. **Lab Anim** 1984 Oct;18(4):371-8

Non-neoplastic lesions of female virgin Han:NMRI mice, incidence and influence of food restriction throughout life span. I: Thyroid. Rehm S, et al. **Lab Anim** 1985 Jul; 19(3):214-23

Non-neoplastic lesions of female virgin Han:NMRI mice, incidence and influence of food restriction throughout life span. II: Respiratory tract. Rehm S, et al. **Lab Anim** 1985 Jul;19(3):224-35

Haematology and pathology of captive southern grasshopper mice (Onychomys torridus). Swindle MM, et al. **Lab Anim** 1985 Jul;19(3):195-9

A comparison of life-span and spontaneous tumor incidence of male and female Han:WIST virgin and retired breeder rats. Rehm S, et al. **Lab Anim Sci** 1984 Oct;34(5):458-64

Distribution and incidence of calcified lesions in DBA/2NCrj and BALB/cAnNCrj mice. Doi K, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):479-82

The occurrence of Salmonellae in house shrews and rats in Ipoh, Malaysia. Joseph PG, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep; 15(3):326-30

Effect of diet on spontaneous disease in the inbred mouse strain C57B1/10J. Tucker MJ. **Toxicol Lett** 1985 May; 25(2):131-5

Distribution of Angiostrongylus cantonensis in Papua New Guinea. Scrimgeour EM. **Trans R Soc Trop Med Hyg** 1984; 78(6):776-9

[Distribution of rodents in an endemic area of hemorrhagic fever renal syndrome infection in Chen-qiao District, Ying-shang County, Anhui Province] Wu XK. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Feb; 6(1):15-7 (Eng. Abstr.) **(Chi)**

[1st cases of adiaspiromycosis observed in small mammals in Turkey. 3 new host species] Boisseau-Lebreuil MT, et al. **Bull Soc Pathol Exot Filiales** 1985;78(1):31-6 (Eng. Abstr.) **(Fre)**

[Adiaspiromycosis in small wild mammals caught in Tunisia] Boisseau-Lebreuil MT, et al. **Bull Soc Pathol Exot Filiales** 1984 May-Jun;77(3):369-76 (Eng. Abstr.) **(Fre)**

[Studies on coccidiosis in guinea pigs. 2. Epizootiological survey] Muto T, et al. **Jikken Dobutsu** 1985 Jan;34(1):31-9 (Eng. Abstr.) **(Jpn)**

[Occurrence of sick animals in conventional guinea pigs obtained from commercial breeders during 1964 to 1982] Muto T, et al. **Jikken Dobutsu** 1985 Apr;34(2):197-201 (Eng. Abstr.) **(Jpn)**

[An outbreak of staphylococcal dermatitis in laboratory mice] Tamura H, et al. **Jikken Dobutsu** 1985 Apr;34(2):147-54 (Eng. Abstr.) **(Jpn)**

[Rise in the epizootic activity of a natural focus of steppe-type tularemia in Stavropol Territory and its epidemic consequences] Nekrasov AA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):88-92 (Eng. Abstr.) **(Rus)**

[Bases for predicting epizootics among rodents in a natural plague focus] Dubianskiĭ MA, et al. **Zh Obshch Biol** 1984 Jul-Aug;45(4):485-90 (Eng. Abstr.) **(Rus)**

PARASITOLOGY

Study of the effects of insulin on the migration of Hymenolepis diminuta in rats. Cho CH. **J Helminthol** 1984 Dec;58(4):291-3

Studies of Angiostrongylus cantonensis in two experimental hosts. Uchida K, et al. **J Helminthol** 1984 Sep;58(3):255-8

Sequential sampling to determine the minimum number of host examinations required to provide a reliable flea (Siphonaptera) index. Schwan TG. **J Med Entomol** 1984 Nov 29;21(6):670-4

Eimeria confusa Joseph, 1969 and E. ontarioensis Lee and Dorney, 1971, from grey squirrels in England. Ball SJ, et al. **J Parasitol** 1984 Jun;70(3):390

Parasitic protozoa of the blood of rodents. VI. Two new hemogregarines of the pygmy flying squirrel Idiurus macrotis (Rodentia: Theridomyomorpha: Anomaluridae) in West Africa. Killick-Kendrick R. **J Protozool** 1984 Nov; 31(4):532-5

House mouse mites infesting laboratory rodents. Levine JF, et al. **Lab Anim Sci** 1984 Aug;34(4):393-4

[Mouse strain difference in visceral larva migrans of Toxocara canis] Koizumi T, et al. **Jikken Dobutsu** 1984 Jul;33(3):291-5 (Eng. Abstr.) **(Jpn)**

[Ectoparasites of wild rodents of Belo Horizonte, MG] Linardi PM, et al. **Rev Bras Biol** 1984 May;44(2):215-9 (Eng. Abstr.) **(Por)**

[Infestation by Angiostrongylus cantonensis in the Havana Provinces] Pérez Martín O, et al. **Rev Cubana Med Trop** 1984 Jan-Apr;36(1):54-8 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Degenerative hippocampal pathology in mice infected with scrapie. Scott JR, et al. **Acta Neuropathol (Berl)** 1984; 65(1):62-8

Sialodacryoadenitis in the rat: effects of immunosuppression on the course of the disease. Hanna PE, et al. **Am J Vet Res** 1984 Oct;45(10):2077-83

Cranioschisis aperta with encephaloschisis in cephalothoracopagus hamster twins. Willhite CC, et al. **Can J Comp Med** 1985 Apr;49(2):195-201

Spontaneous tumors of the nervous system and associated organs and/or tissues in rats. Maekawa A, et al. **Gann** 1984 Sep;75(9):784-91

Pregnancy toxemia (eclampsia) in Syrian golden hamsters. Richter AG, et al. **J Am Vet Med Assoc** 1984 Dec 1; 185(11):1357-8

Listeriosis in seven bushy-tailed jirds. Tappe JP, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1367-70

Hepatic capillariasis in African giant rats (Cricetomys gambianus Waterhouse). Chineme CN, et al. **J Wildl Dis** 1984 Oct;20(4):341-2

Spontaneous teratoma in a Sprague-Dawley rat. Itoh T, et al. **Jikken Dobutsu** 1985 Apr;34(2):207-9

Spontaneous arthritis in nude rats of Rowett hooded strain. Machii K, et al. **Jikken Dobutsu** 1985 Jan;34(1):89-93

Spontaneous calcified tongue lesions in DBA mice. Matsushima Y, et al. **Jikken Dobutsu** 1984 Oct;33(4):539-42

Clinical and pathogenic studies on aged polyuria in the IVCS strain of mouse. Ohba K, et al. **Jikken Dobutsu** 1985 Apr; 34(2):123-30

A cell line from pleomorphic adenoma of the rat salivary gland. Okada M, et al. **Jikken Dobutsu** 1985 Jan;34(1):67-71

Morphologic characteristics of the skin of bald mutant rats. Inazu M, et al. **Lab Anim Sci** 1984 Dec;34(6):584-7

Disseminated cytomegalovirus disease in the guinea pig. Van Hoosier GL Jr, et al. **Lab Anim Sci** 1985 Feb;35(1):81-4

Light and electron microscopic observations of choroid plexus in N-methyl-nitrosourea-induced dysgenetic hydromicrocephalic rat offsprings. Aiuchi M, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):207-16

Oligodendroglioma in an aged rat. Aiuchi M, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):453-7

Spontaneous Tyzzer's disease in nude rats. Furuta T, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):941-4

Spontaneous organic dust pneumoconiosis in guinea pigs. Muto T. **Nippon Juigaku Zasshi** 1984 Dec;46(6):925-7

Two cases of murine intestinal emphysema. Takahashi K, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):933-6

Morphology of spontaneous cardiac tumors in Fischer 344 rats. Yamate J, et al. **Nippon Juigaku Zasshi** 1984 Jun; 46(3):381-4

Ascitic disease in nude mice infected with mouse hepatitis virus. Yanagisawa T, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):171-4

Spontaneous vascular mineralization in the brain of aged B6C3F1 mice. Yanai T, et al. **Nippon Juigaku Zasshi** 1984 Oct;46(5):761-5

Chronic pulmonary cryptococcosis in a Rattus rattus from Rabaul, Papua New Guinea. Scrimgeour EM, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):827-8

Auricular chondropathy in aging rats. Chiu T, et al. **Vet Pathol** 1984 Sep;21(5):500-4

Experimental viral pneumonia in guinea pigs: an ultrastructural study. Kaup FJ, et al. **Vet Pathol** 1984 Sep; 21(5):521-7

Benign chordoma (sacrococcygeal) in the rat: a light and electron microscopic study. Reuber MD, et al. **Vet Pathol** 1984 Sep;21(5):536-8

Chronic hepatitis and hepatocellular carcinoma associated with persistent woodchuck hepatitis virus infection. Roth L, et al. **Vet Pathol** 1985 Jul;22(4):338-43

Primary hepatoma in a woodchuck (Marmota monax) without serologic evidence of woodchuck hepatitis virus infection. Roth L, et al. **Vet Pathol** 1984 Nov;21(6):607-8

Exacerbation of murine respiratory mycoplasmosis in gnotobiotic F344/N rats by Sendai virus infection. Schoeb TR, et al. **Vet Pathol** 1985 May;22(3):272-82

Lesions of articular, sternal and growth plate cartilage in rats. Yamasaki K, et al. **Vet Pathol** 1985 Jan;22(1):46-50

Spontaneous renal pelvic carcinoma in DA/Han rats. Short communication. Deerberg F, et al. **Z Versuchstierkd** 1985; 27(1):33-8

Spontaneous pericardial mesothelioma in a rat. Nash G, et al. **Z Versuchstierkd** 1984;26(5):185-8

[Spontaneous demyelinization processes in the brain of laboratory rats] Woossmann H, et al. **Z Versuchstierkd** 1985;27(1):23-7 (Eng. Abstr.) **(Ger)**

[Giardiasis in guinea pigs: a case report] Fujinami F, et al. **Jikken Dobutsu** 1984 Jul;33(3):361-3 (Eng. Abstr.) **(Jpn)**

[Studies on coccidiosis in guinea pigs. 1. Clinico-pathological observation] Muto T, et al. **Jikken Dobutsu** 1985 Jan; 34(1):23-30 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

Acute toxoplasmosis in hamsters and mice: measurement of pathogenicity by fever and weight loss. Elwell MR, et al. **Am J Vet Res** 1984 Dec;45(12):2663-7

A potential model for a human disease: spontaneous cardiomyopathy-congestive heart failure in SHR/N-cp rats. Ruben Z, et al. **Hum Pathol** 1984 Oct;15(10):902-3

Urethral plugs and urine retention in male mice. Taylor DM. **Lab Anim** 1985 Jul;19(3):189-91

Use of the flexible film isolator as a single circuit hypoxic chamber for small animals. Winter RJ, et al. **Lab Anim** 1985 Jul;19(3):258-61

Breeding and offspring rearing ability of C57BL/6J dystrophic mice. Younger LE, et al. **Lab Anim Sci** 1984 Oct;34(5):471-4

A paradox in development: masculinization of the brain without androgen receptors. Shapiro BH. **Prog Clin Biol Res** 1985;171:151-73

PREVENTION & CONTROL

Cross protection in mice and swine immunized with live erysipelas vaccine to challenge exposure with strains of Erysipelothrix rhusiopathiae of various serotypes. Takahashi T, et al. **Am J Vet Res** 1984 Oct;45(10):2115-8

A comparison of subcutaneous and intraperitoneal oxytetracycline injection methods for control of infectious disease in the rat. Porter WP, et al. **Lab Anim** 1985 Jan; 19(1):3-6

Dietary prevention of cataracts in the pink-eyed RCS rat. Hess HH, et al. **Lab Anim Sci** 1985 Feb;35(1):47-53

Preventive effect of Toxoplasma lysate antigen (TLA) on fatal infection with mouse Piroplasma. Ogawa R, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):225-36

TRANSMISSION

Age-dependent transmission of hemorrhagic fever with renal syndrome (HFRS) virus in rats. Brief report. Morita C, et al. **Arch Virol** 1985;85(1-2):145-9

Mouse-to-mouse transmission of Caryospora simplex (Apicomplexa: Eimeriidae). Upton SJ, et al. **J Parasitol** 1985 Jun;71(3):395-6

Horizontal transmission of the mouse mammary tumor virus in cage mates of the same and opposite sex of low and high mammary cancer strain mice. Morimoto J, et al. **Jikken Dobutsu** 1985 Apr;34(2):141-6

Epizootiological observations of natural and experimental infection with sialodacryoadenitis virus in rats. Bhatt PN, et al. **Lab Anim Sci** 1985 Apr;35(2):129-34

Kinetics of ectromelia virus (mousepox) transmission and clinical response in C57BL/6j, BALB/cByj and AKR/J inbred mice. Wallace GD, et al. **Lab Anim Sci** 1985 Feb; 35(1):41-6

[Transmission and course of parasitemia of Babesia microti (Hannover I strain) in the bank vole (Clethrionomys glareolus) and field vole (Microtus agrestis)] Walter G. **Acta Trop (Basel)** 1984 Sep;41(3):259-64 (Eng. Abstr.) **(Ger)**

[Hypotheses interpreting the epizootic process in plague] Levi MI. **Med Parazitol (Mosk)** 1985 Jan-Feb;(1):36-42 (Eng. Abstr.) **(Rus)**

RODENTIA

Diabetes mellitus: relationships of nonhuman primates and other animal models to human forms of diabetes. Howard CF Jr. **Adv Vet Sci Comp Med** 1984;28:115-49 (327 ref.)

Rat bites: fifty cases. Ordog GJ, et al. **Ann Emerg Med** 1985 Feb;14(2):126-30

Intraperitoneal pentobarbitone anaesthesia of Mystromys albicaudatus. Padovan D. **Lab Anim** 1985 Jan;19(1):16-8

Maternal toxicity: a possible etiological factor in embryo-fetal deaths and fetal malformations of rodent-rabbit species. Khera KS. **Teratology** 1985 Feb; 31(1):129-53

[Diseases of nutria and their therapeutic potential] Körner E. **Tierarztl Prax** 1985;13(2):235-40 (Eng. Abstr.) **(Ger)**

[Housing conditions and hygiene control in nutria breeding] Röder B. **Tierarztl Prax** 1985;13(2):227-33 (Eng. Abstr.) **(Ger)**

ANATOMY & HISTOLOGY

Single unit studies in the visual cortex of rodents. Espinoza SG. **Arch Biol Med Exp (Santiago)** 1983 Dec; 16(3-4):305-15

A comparative study on the intercellular canalicular system and intercellular junctions in the pancreatic islets of some rodents. Yamamoto M, et al. **Arch Histol Jpn** 1984 Nov; 47(5):485-93

The effect of blood distribution to the brain on the structure and variability of the cerebral arterial circle in musk-rat and in chinchilla. Jabłoński R, et al. **Folia Morphol** 1984; 43(2):109-14

An electron microscopic study of the chorioallantoic placenta and the subplacenta of the cane rat (Thryonomys swinderianus Temminck). Oduor-Okelo D. **Placenta** 1984 Sep-Oct;5(5):433-42

[Morphological behavior of the renal corpuscle of the garden dormouse during hibernation] Milla MA. **Acta Anat (Basel)** 1985;121(1):21-5 (Eng. Abstr.) **(Fre)**

BLOOD

Seasonal variations in plasma luteinizing hormone and testosterone levels in the European badger Meles meles L. Audy MC, et al. **Gen Comp Endocrinol** 1985 Mar; 57(3):445-53

EMBRYOLOGY

Foetal meiosis in the testis of the rodent Octodon degus. Rojas MA, et al. **Int J Androl** 1984 Dec;7(6):529–41

[The cells with a transient adrenergic phenotype in the embryonic intestines of rodents are neuronal in nature] Cochard P. **C R Acad Sci [III]** 1984;299(7):209–14 (Eng. Abstr.) **(Fre)**

GENETICS

Major histocompatibility complex of the mole-rat. II. Restriction fragment polymorphism. Nižetić D, et al. **Immunogenetics** 1985;22(1):55–67

IMMUNOLOGY

Evidence of IgG1 and IgG2 antibodies in capivara (Hydrochoerus hydrochaeris, Linnaeus 1766). Oliveira B, et al. **Cell Mol Biol** 1985;31(2):125–30

METABOLISM

Differences in tumour necrosis factor productive ability among rodents. Haranaka K, et al. **Br J Cancer** 1984 Oct; 50(4):471–8

Seasonal patterns of nitrogen utilization by pocket gophers, Thomomys bottae. Gettinger RD. **Comp Biochem Physiol** [A] 1984;78(4):657–9

Minimal metabolism, summit metabolism and plasma thyroxine in rodents from different environments. Hulbert AJ, et al. **Comp Biochem Physiol** [A] 1985;81(3):687–93

Drug tolerance and detoxicating enzymes in Octodon degus and Wistar rats. A comparative study. Letelier ME, et al. **Comp Biochem Physiol** [C] 1985;80(1):195–8

Non-suppressibility by room light of pineal N-acetyltransferase activity and melatonin levels in two diurnally active rodents, the Mexican ground squirrel (Spermophilus mexicanus) and the eastern chipmunk (Tamias striatus). Reiter RJ, et al. **Endocr Res** 1984; 10(2):113–21

Enhanced metabolism of morphine in Octodon degus compared to Wistar rats. Letelier ME, et al. **Gen Pharmacol** 1984;15(5):403–6

Differences in the metabolism of MPTP in the rodent and primate parallel differences in sensitivity to its neurotoxic effects. Johannessen JN, et al. **Life Sci** 1985 Jan 21; 36(3):219–24

MICROBIOLOGY

Haemorrhagic fever virus with renal syndrome in small rodents in Czechoslovakia. Grešíková M, et al. **Acta Virol (Praha)** 1984 Sep;28(5):416–21

Prevalence of various Salmonella serotypes in the wild rodents of South India. Srivastava L, et al. **J Commun Dis** 1984 Sep;16(3):219–22

Arthropod-borne and rodent-borne viral diseases. Report of a WHO Scientific Group. **WHO Tech Rep Ser** 1985; 719:1–116

PARASITOLOGY

Case-control study of waterborne giardiasis in Reno, Nevada. Navin TR, et al. **Am J Epidemiol** 1985 Aug;122(2):269–75

Mansonella (E.) rotundicapita sp.n. and Mansonella (E.) longicapita sp.n. (Filarioidea : Onchocercidae) from Venezuelan capybaras, Hydrochoerus hydrochaeris. Eberhard ML, et al. **Ann Parasitol Hum Comp** 1984; 59(5):497–505

Seasonal occurrence of fleas (Siphonaptera) on rodents in a foothills habitat in Larimer County, Colorado, USA. Campos EG, et al. **J Med Entomol** 1985 May 24; 22(3):266–70

Ectoparasites of vertebrates cohabiting black-tailed prairie dog towns in eastern New Mexico. Pfaffenberger GS, et al. **J Wildl Dis** 1985 Jan;21(1):69–72

Natural hosts of Leishmania mexicana amazonensis Lainson and Shaw, 1972 (Kinetoplastida: Trypanosomatidae) in French Guiana. Dedet JP, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):302–5

[Detection of echinococcal infection in rodents and shrews caught in Asahikawa and Kushiro districts] Inaoka T, et al. **Hokkaido Igaku Zasshi** 1984 Nov;59(6):728–33 (Eng. Abstr.) **(Jpn)**

[Arthropod population of Sorex araneus L. and Sorex minutus L. in forests and forest-free areas of the Niemczańskie Hills] Haitlinger R. **Wiad Parazytol** 1984; 30(3):345–67 (Eng. Abstr.) **(Pol)**

[Pentastomiasis in rodents of Bahia, identification of Porocephalus larvares] Rego AA. **Mem Inst Oswaldo Cruz** 1984 Jul–Sep;79(3):393–4 (Eng. Abstr.) **(Por)**

[Evaluation of the importance of various species of murine rodents as the host food source for Dermacentor pictus Herm. ticks] Lebedeva NN, et al. **Med Parazitol (Mosk)** 1984 Sep–Oct;(5):70–4 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Insulin secretion in the hibernating edible dormouse (Glis glis): in vivo and in vitro studies. Castex C, et al. **Comp Biochem Physiol** [A] 1984;79(1):179–83

Ovarian and steroidal influences on neuroendocrine aging processes in female rodents. Finch CE, et al. **Endocr Rev** 1984 Fall;5(4):467–97 (286 ref.)

Morphological differentiation of the growing oocyte of Ctenomys torquatus (Rodentia, Octodontidae). Brauer MM. **Experientia** 1985 May 15;41(5):685–7

Plasma progesterone levels and corpus luteum morphology in the female prairie dog (Cynomys ludovicianus). Foreman D, et al. **Gen Comp Endocrinol** 1984 Aug;55(2):315–22

Aging in rodents fed restricted diets. Weindruch R. **J Am Geriatr Soc** 1985 Feb;33(2):125–32 (82 ref.)

Cross fertilization in vivo and in vitro between three species of vesper mice, Calomys (Rodentia, Cricetidae). Roldan ER, et al. **J Exp Zool** 1985 Mar;233(3):433–42

Psychometric properties of King's Rodent Emotionality Rating Scale. Jacobs KW, et al. **Psychol Rep** 1984 Dec; 55(3):951–8

URINE

Urine analysis of three rodent species with emphasis on calcium and magnesium bicarbonate. Haim A, et al. **Comp Biochem Physiol** [A] 1985;80(4):503–6

RODENTICIDES

Laboratory trials of five rodenticides for the control of Mesocricetus auratus Waterhouse. Bradfield AA, et al. **J Hyg (Lond)** 1984 Oct;93(2):389–94

Evaluation of coumatetralyl against two predominant murid species. Chopra G, et al. **J Hyg (Lond)** 1985 Jun; 94(3):327–30

ANALYSIS

Zinc phosphide in subterranean burrow systems. Tickes BR. **Bull Environ Contam Toxicol** 1985 Apr;34(4):557–9

High-performance liquid chromatographic strategies for the determination and confirmation of anticoagulant rodenticide residues in animal tissues. Hunter K. **J Chromatogr** 1985 Mar 15;321(2):255–72

Reversed-phase ion-pair liquid chromatographic determination of chlorophacinone residues in animal tissues. Hunter K. **J Chromatogr** 1984 Sep 21;299(2):405–14

PHARMACODYNAMICS

Study of the mutagenic effect of Redentin on various species of animals. Selypes A, et al. **Acta Vet Hung** 1984; 32(3–4):213–7

POISONING

Prolonged anticoagulation in rat poisoning. Jones EC, et al. **JAMA** 1984 Dec 7;252(21):3005–7

Human ingestion of a 'superwarfarin' rodenticide resulting in a prolonged anticoagulant effect. Lipton RA, et al. **JAMA** 1984 Dec 7;252(21):3004–5

Acute renal failure caused by acute monofluoroacetate poisoning. Chung HM. **Vet Hum Toxicol** 1984;26 Suppl 2:29–32

TOXICITY

Laboratory trials of three anticoagulant rodenticides for use against the Indian field mouse, Mus booduga Gray. Balasubramanyam M, et al. **J Hyg (Lond)** 1984 Dec; 93(3):575–8

[Histopathological and histochemical studies on toxic effect of brodifacoum in mouse liver] Zhang LY, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Oct; 6(5):386–8 (Eng. Abstr.) **(Chi)**

RODS AND CONES

see related
RETINAL PIGMENTS

Progressive cone dystrophy associated with low alpha-L-fucosidase activity in serum and leukocytes. Hayasaka S, et al. **Am J Ophthalmol** 1985 Jun 15; 99(6):681–5

[Cone dysfunction syndrome: report of 6 cases] Lu W. **Chung Hua Yen Ko Tsa Chih** 1985 Jan;21(1):56–8 **(Chi)**

ABNORMALITIES

Immunoassay of rod visual pigment (opsin) in the eyes of rds mutant mice lacking receptor outer segments. Schalken JJ, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):122–6

ANALYSIS

S-antigen immunoreactivity in retinal rods and cones and pineal photosensitive cells. Mirshahi M, et al. **Biol Cell** 1984;52(2):195–8

Bound trace element content of bovine retinal disk membranes as determined by particle-induced x-ray emission. McCormick LD. **Biophys J** 1985 Mar;47(3):381–5

Blue-sensitive cones in the primate retina: microspectrophotometry of the visual pigment. Mansfield RJ, et al. **Exp Brain Res** 1984;56(2):389–94

Guanine nucleotides and magnesium dependence of the association states of the subunits of transducin. Deterre P, et al. **FEBS Lett** 1984 Dec 10;178(2):228–32

The tryptic and chymotryptic fragments of the beta-subunit of guanine nucleotide binding proteins in brain are identical to those of retinal transducin. Pines M, et al. **FEBS Lett** 1985 Mar 25;182(2):355–9

Reductions in taurine secondary to photoreceptor loss in Irish setters with rod-cone dysplasia. Schmidt SY, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):679–83

The G-protein of retinal rod outer segments (transducin). Mechanism of interaction with rhodopsin and nucleotides. Bennett N, et al. **J Biol Chem** 1985 Apr 10;260(7):4156–68

Elemental distribution in Rana pipiens retinal rods: quantitative electron probe analysis. Somlyo AP, et al. **J Physiol (Lond)** 1985 Jan;358:183–95

Relation of spectral types to oil droplets in cones of turtle retina. Ohtsuka T. **Science** 1985 Aug 30;229(4716):874–7

Microspectrophotometry of vertebrate photoreceptors. A brief review. Bowmaker JK. **Vision Res** 1984; 24(11):1641–50 (71 ref.)

The structure of mammalian rod opsins. Findlay JB, et al. **Vision Res** 1984;24(11):1501–8

The cone oil droplets of avian retinas. Goldsmith TH, et al. **Vision Res** 1984;24(11):1661–71

Chromatographic resolution of the rod pigment from the four cone pigments of the chicken retina. Yen L, et al. **Vision Res** 1984;24(11):1555–62

Proton uptake by light induced interaction between rhodopsin and G-protein. Schleicher A, et al. **Z Naturforsch** [C] 1985 May–Jun;40(5–6):400–5

[Analysis of GTP-binding protein from the bovine retina. Complete amino acid sequence of the gamma-subunit] Ovchinnikov IuA, et al. **Bioorg Khim** 1984 Nov; 10(11):1572–5 (Eng. Abstr.) **(Rus)**

[Rhodopsin fluorescence in the retinal rods of the bull at −196 degrees C] Sineshchekov VA, et al. **Dokl Akad Nauk SSSR** 1985;281(6):1471–4 **(Rus)**

CYTOLOGY

Lipid-protein interactions in frog rod outer segment disc membranes. Characterization by spin labels. Pates RD, et al. **Biochim Biophys Acta** 1985 Apr 11;814(2):389–97

Dopamine-containing amacrine cells of rhesus monkey retina parallel rods in spatial distribution. Mariani AP, et al. **Brain Res** 1984 Nov 19;322(1):1–7

Sensory cells of the 'rod-' and 'cone-type' in the pineal organ of Rana esculenta, as revealed by immunoreaction against opsin and by the presence of an oil (lipid) droplet. Vigh B, et al. **Cell Tissue Res** 1985;240(1):143–8

Opsin-immunoreactive outer segments of photoreceptors in the eye and in the lumen of the optic nerve of the hagfish, Myxine glutinosa. Vigh-Teichmann I, et al. **Cell Tissue Res** 1984;238(3):515–22

Density profile of blue-sensitive cones along the horizontal meridian of macaque retina. de Monasterio FM, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):289–302

Light and temperature modulated staining of the rod outer segment distal tips with Lucifer yellow. Matsumoto B, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):628–35

Rod cells dissociated from mature salamander retina: ultrastructure and uptake of horseradish peroxidase. Townes-Anderson E, et al. **J Cell Biol** 1985 Jan; 100(1):175–88

Fluorescence from colorless oil droplets: a new criterion for identification of cone photoreceptors. Ohtsuka T. **Neurosci Lett** 1984 Dec 21;52(3):241–5

DRUG EFFECTS

Effects of inositol-1,4,5-trisphosphate injections into salamander rods. Waloga G, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):59–62

Taurine and hypotaurine inhibit light-induced lipid peroxidation and protect rod outer segment structure. Pasantes-Morales H, et al. **Brain Res** 1985 Mar 18; 330(1):154–7

Lead and mercury toxicity and the rod light response. Tessier-Lavigne M, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1117–23

Barium removes the ouabain-induced increase in the rod response to light. Walter AE, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):782–5

Photoreceptor-specific degeneration caused by tunicamycin. Fliesler SJ, et al. **Nature** 1984 Oct 11–17;311(5986):575–7

Dichotomous effects of cadmium on the cone photoreceptor response to light. Bolnick DA, et al. **Neurotoxicology (Park Forest Il)** 1984 Summer;5(2):67–80

Cyclic GMP releases calcium from leaky rod outer segments. Kaupp UB, et al. **Vision Res** 1984;24(11):1477–9

Spatial spread of light-induced sensitization in rod photoreceptors exposed to low external calcium. Matthews G. **Vision Res** 1985;25(6):733–40

[Action of chelators of divalent cations on the receptor potential of the retinal rods of the frog] Govardovskiĭ VI, et al. **Dokl Akad Nauk SSSR** 1985;281(4):1000–4 **(Rus)**

ENZYMOLOGY

Extracellular cGMP phosphodiesterase related to the rod outer segment phosphodiesterase isolated from bovine and monkey retinas. Barbehenn EK, et al. **Biochemistry** 1985 Mar 12;24(6):1309–16

Rod outer segment phosphodiesterase binding and activation in reconstituted membranes. Tyminski PN, et al. **Biochemistry** 1984 Aug 14;23(17):3986–93

Vanadate, tungstate and molybdate activate rod outer segment phosphodiesterase in the dark. Del Priore LV, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):81–5

Localization and function of cyclic guanosine monophosphate-phosphodiesterase activity in the retinal rods of the rat by means of a newly developed cytochemical method. Ueno S, et al. **Cell Tissue Res** 1984; 238(3):453-7

The effect of rhodopsin phosphorylation on the light-dependent activation of phosphodiesterase from bovine rod outer segments. Arshavsky VY, et al. **FEBS Lett** 1985 Feb 25;181(2):264-6

Light-induced activation of the rod phosphodiesterase leads to a rapid transient increase of near-infrared light scattering. Kamps KM, et al. **FEBS Lett** 1985 Aug 19; 188(1):15-20

Activation of cGMP phosphodiesterase by purified green rod pigment from frog retina. Shinozawa T, et al. **FEBS Lett** 1984 Sep 17;175(1):87-9

A new histo- and cytochemical method for demonstration of cyclic 3',5'-nucleotide phosphodiesterase activity in retinal rod photoreceptor cells of the rat. Ueno S, et al. **Histochemistry** 1984;81(5):445-51

Albumin inhibits light activation of cGMP phosphodiesterase on rod disc membranes. Buzdygon BE, et al. **J Biol Chem** 1984 Dec 10;259(23):14567-71

cGMP phosphodiesterase in rod and cone outer segments of the retina. Hurwitz RL, et al. **J Biol Chem** 1985 Jan 10;260(1):568-73

cDNA-derived amino acid sequence of the gamma subunit of GTPase from bovine rod outer segments. Yatsunami K, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):1936-40

GTPase of bovine rod outer segments: the amino acid sequence of the alpha subunit as derived from the cDNA sequence. Yatsunami K, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4316-20

Retinal S antigen identified as the 48K protein regulating light-dependent phosphodiesterase in rods. Pfister C, et al. **Science** 1985 May 17;228(4701):891-3

The effects of ionic concentration and light on the binding of enzymes to rod outer segment membranes. Knowles A, et al. **Vision Res** 1984;24(11):1533-8

GROWTH & DEVELOPMENT

Formation of new rod photoreceptor synapses onto differentiated bipolar cells in goldfish retina. Kock JH, et al. **Anat Rec** 1985 Jan;211(1):69-74

Studies on hereditary retinal degeneration. The rd gene in the mouse. Cagianut B, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(1):16-22

IMMUNOLOGY

Light induced shift and binding of S-antigen in retinal rods. Broekhuyse RM, et al. **Curr Eye Res** 1985 May;4(5):613-8

Preparation and characterization of monoclonal antibodies to several frog rod outer segment proteins. Witt PL, et al. **J Gen Physiol** 1984 Aug;84(2):251-63

METABOLISM

Labelled leucine uptake in the visual cells and pigment epithelium of young albino rats in response to different light-dark cycles. Chan KW, et al. **Acta Histochem (Jena)** 1984;75(1):1-8

Effects of volatile anesthetics on light-induced proton uptake of rhodopsin in bovine rod outer segment disk membrane. Mashimo T, et al. **Anesthesiology** 1984 Oct;61(4):439-43

Effects of fluoride on retinal rod outer segment cGMP phosphodiesterase and G-protein. Cook NJ, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):146-51

Light-mediated breakdown of phosphatidylinositol-4,5-bisphosphate in isolated rod outer segments of frog photoreceptor. Hayashi F, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):954-9

Investigation of rhodopsin catalyzed G-protein GTP-binding using [35S] GTP gamma S--effects of regeneration and hydroxylamine. Cook NJ, et al. **Biochem Int** 1985 Apr;10(4):647-53

Effects of lipid environment on the light-induced conformational changes of rhodopsin. 1. Absence of metarhodopsin II production in dimyristoylphosphatidylcholine recombinant membranes. Baldwin PA, et al. **Biochemistry** 1985 May 21; 24(11):2624-32

Biochemical properties of 9-cis- and all-trans-retinoylopsins. Calhoon RD, et al. **Biochemistry** 1985 Jun 4;24(12):3029-34

Inhibition of monoclonal antibody binding and proteolysis by light-induced phosphorylation of rhodopsin. Molday RS, et al. **Biochemistry** 1985 Jan 29;24(3):776-81

Temperature and pH dependence of the metarhodopsin I-metarhodopsin II kinetics and equilibria in bovine rod disk membrane suspensions. Parkes JH, et al. **Biochemistry** 1984 Oct 9;23(21):5054-61

ATP-dependent calcium uptake activity associated with a disk membrane fraction isolated from bovine retinal rod outer segments. Puckett KL, et al. **Biochemistry** 1985 Jan 15;24(2):390-400

Calcium-hydrogen exchange in isolated bovine rod outer segments. Schnetkamp PP, et al. **Biochemistry** 1985 Jan 29;24(3):723-7

Effect of cGMP and cations on the permeability of cattle retinal disks. Caretta A. **Eur J Biochem** 1985 May 2; 148(3):599-606

Distribution and axial diffusion of retinol in bleached rod outer segments of frogs (Rana pipiens). Kaplan MW. **Exp Eye Res** 1985 May;40(5):721-9

D-[3H]-galactose incorporation in the bovine retina: specific uptake and transport of the radiolabel in cones. Keegan WA, et al. **Exp Eye Res** 1985 Apr;40(4):619-28

Cataracts in the Royal College of Surgeons rat: evidence for initiation by lipid peroxidation products. Zigler JS Jr, et al. **Exp Eye Res** 1985 Jul;41(1):67-76

Localization of lectin receptors on bovine photoreceptor cells using dextran-gold markers. Hicks D, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):1002-13

Density of human cone photopigments as a function of age. van Norren D, et al. **Invest Ophthalmol Vis Sci** 1985 Jul; 26(7):1014-6

Regulation of rod GTP binding protein by guanine nucleotides. Shichi H, et al. **J Biochem (Tokyo)** 1984 Nov; 96(5):1633-6

Photoreceptor GTP binding protein mediates fluoride activation of phosphodiesterase. Stein PJ, et al. **J Biol Chem** 1985 Aug 5;260(16):9081-4

The calcium current in inner segments of rods from the salamander (Ambystoma tigrinum) retina. Corey DP, et al. **J Physiol (Lond)** 1984 Sep;354:557-75

Regeneration of rhodopsin and isorhodopsin in rod outer segment preparations: absence of effect of solvent parameters. Lacy ME, et al. **Physiol Chem Phys Med NMR** 1984;16(4):275-81

Tunicamycin blocks the incorporation of opsin into retinal rod outer segment membranes. Fliesler SJ, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1116-20

Calcium content and light-induced release from photoreceptors: measurements with laser micro-mass analysis. Fain GL, et al. **Prog Clin Biol Res** 1985;176:3-20

Study of the ionic basis of visual transduction in vertebrate retinal rods. Yau KW, et al. **Prog Clin Biol Res** 1985; 176:21-31 (36 ref.)

Rod outer segment membranes: good acceptors for retinoids? Groenendijk GW, et al. **Vision Res** 1984;24(11):1623-7

[Identification of the so-called 48 K protein that interacts with illuminated rhodopsin in retinal rods, and the retinal S antigen, inductor of experimental autoimmune uveoretinitis] Pfister C, et al. **C R Acad Sci [III]** 1984; 299(8):261-5 (Eng. Abstr.) **(Fre)**

[Potassium conductivity of the plasma membrane of frog photoreceptor cells] Kolesnikov SS, et al. **Biofizika** 1984 Sep-Oct;29(5):786-9 (Eng. Abstr.) **(Rus)**

[cGMP-binding centers in photoreceptor membranes] Volotovskii ID, et al. **Mol Biol (Mosk)** 1984 Jul-Aug; 18(4):1053-9 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Folding of photoreceptor cell layer: a new form of retinal lesion in rat. Lai VL, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):771-4

PHYSIOLOGY

Trigger and amplification mechanisms in visual phototransduction. Chabre M. **Annu Rev Biophys Biophys Chem** 1985;14:331-60 (99 ref.)

Phototransduction in vertebrate rods. Schwartz EA. **Annu Rev Neurosci** 1985;8:339-67 (135 ref.)

Model of the cone-horizontal cell circuit in the catfish retina. Siminoff R. **Biol Cybern** 1985;51(6):363-74

Dynamics of the cone-horizontal cell circuit in the turtle retina. Siminoff R. **Biol Cybern** 1985;52(1):1-14

Cross-linking of dark-adapted frog photoreceptor disk membranes. Evidence for monomeric rhodopsin. Downer NW. **Biophys J** 1985 Mar;47(3):285-93

Incorporation of ion channels from bovine rod outer segments into planar lipid bilayers. Hanke W, et al. **Biophys J** 1984 Nov;46(5):587-95

Effects of internal calcium and sodium on photocurrent kinetics in toad rod photoreceptors. Matthews GG. **Brain Res** 1985 Apr 15;332(1):184-7

Regulation of cyclic nucleotides in retinal photoreceptors. An ultracytochemical approach on the role of cyclases. Athanassious R, et al. **Cell Tissue Res** 1984;237(1):95-101

Cone photoreceptor shedding in the tree shrew (Tupaia belangerii). Immel JH, et al. **Cell Tissue Res** 1985; 239(3):667-75

Signal mechanisms of phototransduction in retinal rod. Korenbrot JI. **CRC Crit Rev Biochem** 1985;17(3):223-56 (216 ref.)

Generation of currents accompanying the off-response of the photoreceptors in the isolated frog retina. Ando H, et al. **Exp Eye Res** 1985 Apr;40(4):547-55

Lipid fluidity of the outer segment membranes from cephalopod retina. Corda D, et al. **Exp Eye Res** 1985 Apr; 40(4):575-83

The effect of lead on photoreceptor response amplitude--influence of the light stimulus. Sillman AJ, et al. **Exp Eye Res** 1984 Aug;39(2):183-94

Light changes the membrane potential and ion balances of retinal rod disks. Hughes SM, et al. **FEBS Lett** 1985 Mar 25;182(2):380-4

Intramembrane fluidity increases when the cyclohexyl ring of retinal binds to rod outer-segment membranes. Vessell DL. **Int J Biochem** 1985;17(1):127-30

Separation and characterisation of light scattering transients from rod outer segments of vertebrate photoreceptors: design and performance of a Multi Angle Flash Photolysis Apparatus (MAFPA). Uhl R, et al. **J Biochem Biophys Methods** 1985 May;11(1):31-43

Cyclic GMP directly regulates a cation conductance in membranes of bovine rods by a cooperative mechanism. Koch KW, et al. **J Biol Chem** 1985 Jun 10;260(11):6788-80

Spectral sensitivities of seven morphological types of photoreceptors in the retina of the turtle, Geoclemys reevesii. Ohtsuka T. **J Comp Neurol** 1985 Jul 8; 237(2):145-54

Frog rod outer segments with attached inner segment ellipsoids as an in vitro model for photoreceptors on the retina. Biernbaum MS, et al. **J Gen Physiol** 1985 Jan; 85(1):83-105

A monoclonal antibody to guanine nucleotide binding protein inhibits the light-activated cyclic GMP pathway in frog rod outer segments. Hamm HE, et al. **J Gen Physiol** 1984 Aug;84(2):265-80

Thermotropic behavior of retinal rod membranes and dispersions of extracted phospholipids. Miljanich GP, et al. **J Membr Biol** 1985;85(1):79-86

Mixing of color signals by turtle cone photoreceptors. Normann RA, et al. **J Neurophysiol** 1985 Aug; 54(2):293-303

Flicker photometry and achromatic-channel structure. Ingling CR Jr, et al. **J Opt Soc Am [A]** 1985 Aug; 2(8):1375-8

Electroretinogram measurements of cone spectral sensitivity in dichromatic monkeys. Neitz J, et al. **J Opt Soc Am [A]** 1984 Dec;1(12):1175-80

Analysis of visual modulation sensitivity. II. Peripheral retina and the role of photoreceptor dimensions. Tyler CW. **J Opt Soc Am [A]** 1985 Mar;2(3):393-8

Electroretinograms evoked by sinusoidal excitation of human cones. Abraham FA, et al. **J Physiol (Lond)** 1985 Jan; 363:135-50

Factors influencing threshold of the fundamental electrical response to sinusoidal excitation of human photoreceptors. Abraham FA, et al. **J Physiol (Lond)** 1984 Dec;357:151-72

Location and function of voltage-sensitive conductances in retinal rods of the salamander, Ambystoma tigrinum. Baylor DA, et al. **J Physiol (Lond)** 1984 Sep;354:203-23

The photocurrent, noise and spectral sensitivity of rods of the monkey Macaca fascicularis. Baylor DA, et al. **J Physiol (Lond)** 1984 Dec;357:575-607

The ionic selectivity and calcium dependence of the light-sensitive pathway in toad rods. Hodgkin AL, et al. **J Physiol (Lond)** 1985 Jan;358:447-68

Membrane current noise in toad retinal rods exposed to low external calcium. Matthews G. **J Physiol (Lond)** 1985 Apr; 361:205-17

Phototransduction changes focus [news] Attwell D. **Nature** 1985 Sep 5-11;317(6032):14-5

Cyclic GMP increases photocurrent and light sensitivity of retinal cones. Cobbs WH, et al. **Nature** 1985 Sep 5-11; 317(6032):64-6

Cyclic GMP can increase rod outer-segment light-sensitive current 10-fold without delay of excitation. Cobbs WH, et al. **Nature** 1985 Feb 14-20;313(6003):585-7

Induction by cyclic GMP of cationic conductance in plasma membrane of retinal rod outer segment. Fesenko EE, et al. **Nature** 1985 Jan 24-30;313(6000):310-3

Cyclic GMP-sensitive conductance in outer segment membrane of catfish cones. Haynes L, et al. **Nature** 1985 Sep 5-11;317(6032):61-4

Effects on the photoresponse of calcium buffers and cyclic GMP incorporated into the cytoplasm of retinal rods. Matthews HR, et al. **Nature** 1985 Feb 14-20; 313(6003):582-5

Millisecond activation of transducin in the cyclic nucleotide cascade of vision. Vuong TM, et al. **Nature** 1984 Oct 18-24; 311(5987):659-61

Electrogenic Na-Ca exchange in retinal rod outer segment. Yau KW, et al. **Nature** 1984 Oct 18-24;311(5987):661-3

Photoreceptor damage and eye pigmentation: influence on the sensitivity of rat pineal N-acetyltransferase activity and melatonin levels to light at night. Webb SM, et al. **Neuroendocrinology** 1985 Mar;40(3):205-9

Effect of light on Na-Ca exchange in rod outer segments in frog. Salceda R. **Neurosci Lett** 1985 Mar 22;55(1):55-6

Models for transmitter activation process in retinal rod outer segments to flash stimuli. Ichikawa K. **Neurosci Res** 1985 Jun;2(5):349-64

Energy storage in the primary photoreaction of bovine rhodopsin. A photoacoustic study. Boucher F, et al. **Photochem Photobiol** 1985 Apr;41(4):459-65

Synaptic transmission from rods to bipolar cells in the tiger salamander retina. Wu SM. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3944-7

Kinetics of light-sensitive channels in vertebrate photoreceptors. Gray P, et al. **Proc R Soc Lond [Biol]** 1985 Jan 22;223(1232):379-88

Visual transduction: chairman's introduction. Junge W. **Prog Clin Biol Res** 1984;164:297-302

The role of calcium in visual transduction. Kaupp UB. **Prog Clin Biol Res** 1984;164:325-39

Early steps in the light-triggered activation of the cyclic GMP enzymatic pathway in rod photoreceptors. Kühn H. **Prog Clin Biol Res** 1984;164:303-11

Irregularity and aliasing: solution? Bossomaier TR, et al. **Vision Res** 1985;25(1):145-7

Rod-cone interaction in flicker detection. Coletta NJ, et al. **Vision Res** 1984;24(10):1333-40

Absorptance and spectral sensitivity measurements of rod photoreceptors of the tiger salamander, Ambystoma

tigrinum. Cornwall MC, et al. **Vision Res** 1984; 24(11):1651-9
The scotopic visibility curve and cone intrusion. Crawford BH, et al. **Vision Res** 1985;25(6):863-6
Shedding is correlated with disk membrane axial position rather than disk age in Xenopus laevis rod outer segments. Kaplan MW. **Vision Res** 1984;24(10):1163-8
Single anion channels of frog rod plasma membrane. Kolesnikov SS, et al. **Vision Res** 1984;24(10):1295-300
Temporal modulation sensitivities of red- and green-sensitive cone systems in dichromats. Lennie P. **Vision Res** 1984; 24(12):1995-9
On spectral sensitivity in the goldfish. Evidence for neural interactions between different 'cone mechanisms'. Neumeyer C. **Vision Res** 1984;24(10):1223-31
Frequency dependence in scotopic flicker sensitivity. Nygaard RW, et al. **Vision Res** 1985;25(1):115-27
Rhodopsin photoproducts and the visual response of vertebrate rods. Pepperberg DR, et al. **Vision Res** 1984; 24(11):1481-6
[Contribution of cones to activation of the slow PIII-potential of the frog retina] Dmitriev AV, et al. **Neirofiziologiia** 1985;17(1):115-8 (Eng. Abstr.) **(Rus)**
[Effect of liposomes containing antibodies to cyclic nucleotide phosphodiesterase on the receptor potential of rods and cones of the frog retina] Govardovskiĭ VI, et al. **Neirofiziologiia** 1985;17(2):245-50 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Rod saturation perimetry. Testing of the cone function with achromatic objects. Elenius V. **Arch Ophthalmol** 1985 Apr; 103(4):519-23
Rod-cone interactions and analysis of retinal disease. Arden GB, et al. **Br J Ophthalmol** 1985 Jun;69(6):404-15
Early receptor potential in rod and in cone dominated eyes. Tanabe J, et al. **Dev Ophthalmol** 1984;9:59-67
Cone mechanisms underlying the color discrimination of deutan color deficients. Nagy AL, et al. **Vision Res** 1985; 25(5):661-9

RADIATION EFFECTS

Light-induced reduction of cytoplasmic free calcium in retinal rod outer segment. Yau KW, et al. **Nature** 1985 Feb 14-20;313(6003):579-82
Dopamine hyperpolarizes and reduces the light responses of rod ON-centre bipolar cells in the retina of the dogfish, Scyliorhinus canicula. Shiells RA, et al. **Neurosci Lett** 1985 Apr 19;55(3):331-6
[Relation of the light sensitivity of the retinal rods to cyclic nucleotide metabolism] Bochkin LM, et al. **Fiziol Cheloveka** 1985 Jan-Feb;11(1):159-61 **(Rus)**

ULTRASTRUCTURE

An evaluation of purity criteria for bovine rod outer segment membranes. Salesse C, et al. **Anal Biochem** 1984 Nov 1; 142(2):258-66
Retinal fine structure in the European eel Anguilla anguilla. IV. Photoreceptors of the yellow eel stage. Braekevelt CR. **Anat Anz** 1985;158(1):23-32
Retinal fine structure in the european eel Anguilla anguilla. II. Photoreceptors of the glass eel stage. Braekevelt CR. **Anat Anz** 1984;157(3):233-43
A 12 A resolution X-ray diffraction study of the profile structure of isolated bovine retinal rod outer segment disk membranes. Pascolini D, et al. **Biochim Biophys Acta** 1984 Oct 17;777(1):9-20
Chemical synapses between turtle photoreceptors. Mariani AP, et al. **Brain Res** 1984 Sep 24;310(2):351-4
Birefringent periodicities in amphibian rod outer segments. Andrews LD, et al. **Curr Eye Res** 1984 Nov;3(11):1265-72
Dark-induced cone outer segment damage in the neon tetra (Paracheirodon innesi). Lythgoe JN, et al. **Exp Eye Res** 1984 Nov;39(5):629-37
Structural periodicities observed in mammalian rod outer segments with Nomarski optics. Andrews LD. **Invest Ophthalmol Vis Sci** 1985 May;26(5):778-82
Synaptic lamellae of the photoreceptors of pearl and wild-type mice. Williams MA, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):992-1001
Membrane morphogenesis in retinal rod outer segments: inhibition by tunicamycin. Fliesler SJ, et al. **J Cell Biol** 1985 Feb;100(2):574-87
Electron microscopy of Golgi-impregnated photoreceptors reveals connections between red and green cones in the turtle retina. Kolb H, et al. **J Neurophysiol** 1985 Aug; 54(2):304-17
Membrane assembly in retinal photoreceptors. III. Distinct membrane domains of the connecting cilium of developing rods. Besharse JC, et al. **J Neurosci** 1985 Apr;5(4):1035-48
Membrane assembly in retinal photoreceptors. II. Immunocytochemical analysis of freeze-fractured rod photoreceptor membranes using anti-opsin antibodies. Defoe DM, et al. **J Neurosci** 1985 Apr;5(4):1023-34
Interreceptor junction in the double cone of the chicken retina. Smith RL, et al. **J Submicrosc Cytol** 1985 Apr; 17(2):183-6

ROENTGENKYMOGRAPHY see **ELECTROKYMOGRAPHY**

ROENTGENOGRAPHY see **RADIOGRAPHY**

ROGERIAN THERAPY see **NONDIRECTIVE THERAPY**

ROLE

The family physician and adoption. Melina CM, et al. **Am Fam Physician** 1985 Feb;31(2):109-18 (13 ref.)
Preparation for vasectomy. Pfenninger JL. **Am Fam Physician** 1984 Oct;30(4):177-84
Special housing needs of the elderly patient. Shore H, et al. **Am Fam Physician** 1985 Jun;31(6):121-5
The pediatrician's obligation in smoking education [editorial] Koop CE. **Am J Dis Child** 1985 Oct;139(10):973
United States physicians in Nicaragua [letter] Schlenker TL. **Am J Dis Child** 1985 May;139(5):440
The impact of a physician-staffed mobile intensive care unit. Applebaum D. **Am J Emerg Med** 1985 Jan;3(1):15-8
Physician-staffed mobile ICUs [editorial] Thompson BM. **Am J Emerg Med** 1985 Jan;3(1):81
The death of death with dignity [editorial]. Falk RH. **Am J Med** 1984 Nov;77(5):775-6
The changing scene. Rust JA. **Am J Obstet Gynecol** 1985 Jun 15;152(4):369-73
Functional visual loss. Thompson HS. **Am J Ophthalmol** 1985 Jul 15;100(1):209-13
Physicians' attitudes and practices toward CPR training in family members of patients with coronary heart disease. Goldberg RJ, et al. **Am J Public Health** 1985 Mar; 75(3):281-3
Surgeon's role in ethical decisions. English DC. **Am Surg** 1985 Jul;51(7):423-5
The role of the thoracic surgeon in the intensive care unit. Magovern GJ. **Ann Thorac Surg** 1984 Oct;38(4):309
The clinical nurse specialist. The role in the OR. Schramm C. **AORN J** 1985 Mar;41(3):579, 581-3, 586-7
Are 'indexes' an index of physician performance? [editorial] Howe RB. **Arch Intern Med** 1985 Jan;145(1):46
Physician practices when a patient dies [letter] Major D. **Arch Intern Med** 1985 Jul;145(7):1330, 1333
March 1965. Shapiro ET. **Arch Intern Med** 1984 Nov; 144(11):2245
The practitioner's role in detection of adverse drug reactions [editorial]. Soffer A. **Arch Intern Med** 1985 Feb; 145(2):232-3
Community disaster: the GP's role in bereavement. Koblar S. **Aust Fam Physician** 1984 Dec;13(12):884-5
Towards a more realistic role identity in general practice [editorial] Watson J. **Aust Fam Physician** 1984 Nov; 13(11):794
Drug safety--the role of doctors, pharmaceutical companies and the medical press. Goldberg A. **Br J Clin Pract** 1985 Jan;39(1):5-6
The general practitioner's role in the detection of alcohol misuse in the community. Bligh J. **Br J Clin Pract [Symp Suppl]** 1984;36:29-35
Predicting recovery from medical coma. Bates D. **Br J Hosp Med** 1985 May;33(5):276-80
AIDS and the gay community: the doctor's role in counselling [editorial] Leach G, et al. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):583
An investigation of role-taking in histrionic personalities. Standage K, et al. **Can J Psychiatry** 1984 Aug;29(5):407-11
Employment history valued but not recorded by MDs [letter] Alleyne BC, et al. **Can Med Assoc J** 1984 Nov 1;131(9):1014
The patient as the focus of teaching [editorial] Brownell AK, et al. **Can Med Assoc J** 1984 Oct 15;131(8):855-7
Where's the credibility in hospital administrators? Ferguson G. **Can Med Assoc J** 1985 Feb 1;132(3):286-7
Treatment for abusive men: do physicians have a role? Oglov L. **Can Med Assoc J** 1985 Jul 1;133(1):58-60
Where is the art in medicine? Waugh D. **Can Med Assoc J** 1984 Dec 1;131(11):1397
The physician's primary role [editorial] Baum GL. **Chest** 1985 Jul;88(1):5-6
The practitioner's role in detection of adverse drug reactions [editorial] Soffer A. **Chest** 1984 Dec;86(6):808-9
The pharmaceutical industry and academic medicine: opportunities for physician collaboration. Jefferis JE. **Circulation** 1985 Aug;72(2 Pt 2):I21-4
Medical responsibility to incarcerated children. Farrow J. **Clin Pediatr (Phila)** 1984 Dec;23(12):699-700
Profit in medicine: the impact on hospital staffing patterns and physician practice behavior. AMA Center for Health Policy Research. **Conn Med** 1984 Oct;48(10):681-2
Medicines and people in the Third World--the role of the industry. The Association of the Danish Pharmaceutical Industry (MEFA). **Dan Med Bull** 1984 Noy;31 Suppl 1:6-8
What do drugs do to the world? And what do the doctors do about it? Korn J. **Dan Med Bull** 1984 Nov;31 Suppl 1:2-3
Drug distribution and the physician's responsibilities. Golden M. **Del Med J** 1984 Oct;56(10):593-6
First world eye doctor in a third world country. Some hints on how to prevent common mistakes and how to overcome common difficulties. Maus H. **Doc Ophthalmol** 1984 Jun 15;57(4):361-6
The clinician's role in environmental protection. Steensberg J. **Ecol Dis** 1982;1(1):93-5
Role of the emergency physician in treatment of the poisoned patient. Guzzardi LJ. **Emerg Med Clin North Am** 1984 Feb; 2(1):3-13
Role adoption in residency training. Blackwell B, et al. **Gen Hosp Psychiatry** 1984 Oct;6(4):280-8
The neonatologist's duty to patient and parents. Strong C. **Hastings Cent Rep** 1984 Aug;14(4):10-6
Executive assistants at home: some self-reported roles among spouses of health care leaders. Gill SL. **Health Care Manage Rev** 1985 Spring;10(2):79-83
Physician cost awareness in prophylaxis and treatment of infection. Semel JD. **IMJ** 1984 Sep;166(3):157-60
Childhood sexual abuse: guidelines for evaluation. Blythe MJ, et al. **Indiana Med** 1985 Jan;78(1):11-8
Does role dictate response of chiefs and chairmen? Horan LG, et al. **Int J Cardiol** 1984 Nov;6(5):639-44
Social experimentation self-process or social role. Kilbourne BK, et al. **Int J Soc Psychiatry** 1985 Spring;31(1):13-22
Public attitudes towards mental illness--the effects of behaviour, roles and psychiatric labels. Nieradzik K, et al. **Int J Soc Psychiatry** 1985 Spring;31(1):23-33
Child abuse and neglect: the physician's role. Schor DP. **Iowa Med** 1984 Nov;74(11):467-9, 471
Parent-child communication about sexuality. The physician as a community educator. Aved BM, et al. **J Adolesc Health Care** 1984 Oct;5(4):292-3
Stroke and its rehabilitation: the perceived role of the nurse in medical and nursing literature. Myco F. **J Adv Nurs** 1984 Sep;9(5):429-39
Environment, ideology, and role performance: a contextual needs assessment for an allied health profession. Barris R. **J Allied Health** 1985 Feb;14(1):71-8
Intra-role conflict: a result of naive attempts toward professionalization. Brutvan EL. **J Allied Health** 1985 Feb; 14(1):3-11
Role conflicts in nursing and allied health: a comparison of professional and organizational commitment. Kraemer LG, et al. **J Allied Health** 1985 Feb;14(1):53-62
Genital warts and sexual abuse in children. American Academy of Dermatology Task Force on Pediatric Dermatology. **J Am Acad Dermatol** 1984 Sep;11(3):529-30
Physicians' and families' perspectives on the medical management of dementia. Glosser G, et al. **J Am Geriatr Soc** 1985 Jun;33(6):383-91
Career satisfaction and role harmony in Afro-American women physicians. Lovelace JC. **J Am Med Wom Assoc** 1985 Jul-Aug;40(4):108-10
Medicine and nuclear war: a challenge of unprecedented proportions. Alton DJ. **J Can Assoc Radiol** 1984 Sep; 35(3):236-7
Student perception of faculty role models. Lange B, et al. **J Dent Educ** 1985 Mar;49(3):159-61, 164-8
Improving physician/teacher collaboration. Marshall RM, et al. **J Dev Behav Pediatr** 1984 Oct;5(5):241-5
Ethics, entrepreneurs and leadership. Mueller AH, et al. **J Emerg Med** 1983;1(2):111-18
The role of the family physician in critical care. Goldmann RW. **J Fam Pract** 1985 Sep;21(3):231-2
Adoption: the family physician's role [clinical conference] Poole SR, et al. **J Fam Pract** 1984 Oct;19(4):443-5, 449, 452, Passim
The stressfulness of daily social roles for women: marital, occupational and household roles. Kandel DB, et al. **J Health Soc Behav** 1985 Mar;26(1):64-78
Physician participation in cardiopulmonary resuscitation training. Forestner JE. **J Med Assoc Ga** 1984 Sep; 73(9):611-5
Health care issues on the Hill: working toward solutions. Rowland JR. **J Med Assoc Ga** 1984 Oct;73(10):667-70
Roles and responsibilities: theoretical issues in the definition of consultation liaison psychiatry. Agich GJ. **J Med Philos** 1985 May;10(2):105-26
The physician's role in rape victim management: an examination of rape epidemiology in Mississippi. North D, et al. **J Miss State Med Assoc** 1985 Aug;26(8):219-23
Role issues and the nurse educator. Charron SA. **J Nurs Educ** 1985 Feb;24(2):77-9
Self-identified stressors in the role of nursing faculty. Hinds PS. et al. **J Nurs Educ** 1985 Feb;24(2):63-8
Young children's understanding of the social roles of physician and patient. Haight WL, et al. **J Pediatr Psychol** 1985 Mar;10(1):31-43
Drug use among young adults: the impacts of role status and social environment. Bachman JG, et al. **J Pers Soc Psychol** 1984 Sep;47(3):629-45
Women's involvement in multiple roles and psychological distress. Barnett RC, et al. **J Pers Soc Psychol** 1985 Jul; 49(1):135-45
Responsibility for care of the critically ill surgical patient. Holcroft JW. **J Surg Res** 1985 Apr;38(4):315-8
Cockfighting and boxing: a parallel and paradox. Prakash R. **J Tenn Med Assoc** 1985 Apr;78(4):210
The role of the surgeon in the intensive care unit [editorial] Spencer FC, et al. **J Thorac Cardiovasc Surg** 1984 Oct; 88(4):483-5
A plea for surgical leadership [editorial] Trunkey DD. **J Trauma** 1985 May;25(5):461
AMA diagnostic and treatment guidelines concerning child abuse and neglect. Council on Scientific Affairs. **JAMA** 1985 Aug 9;254(6):796-800
Cost containment and the physician. Angell M. **JAMA** 1985 Sep 6;254(9):1203-7
Helping the abused child [editorial] Sargent DA. **JAMA** 1985 Aug 9;254(6):803
The accountability of doctor to doctor. Dawson A. **Lancet** 1985 Aug 10;2(8450):323-4
Ill-treatment of detainee in Northern Ireland, and function

of doctors [letter] Kemperman CJ. **Lancet** 1985 Aug 10; 2(8450):336-7

Child abuse inquiries [letter] Shepherd RC. **Lancet** 1985 Jun 29;1(8444):1511

Physician utilization. The state of research about physicians' practice patterns. Eisenberg JM. **Med Care** 1985 May; 23(5):461-83 (103 ref.)

Practice mode and payment method. Effects on use, costs, quality, and access. Hornbrook MC, et al. **Med Care** 1985 May;23(5):484-511 (90 ref.)

On patient need, equity, supplier-induced demand, and the need to assess the outcome of common medical practices. Wennberg JE. **Med Care** 1985 May;23(5):512-20

A physician's liability for experimental procedures. Cantrell C. **Med Law** 1984;3(4):339-44

Michigan has two Olympics physicians. **Mich Med** 1984 Oct; 83(46):503-4, 506

How AMPAC and MDPAC are working to get out the vote. Berglund TR, et al. **Mich Med** 1984 Oct;83(46):493-4

Getting out the MD vote. Marr J. **Mich Med** 1984 Oct; 83(46):491-2

The physician's role in health care marketing. Fredrickson TL. **Minn Med** 1984 Sep;67(9):497-8

The right to know about toxic exposures. Implications for physicians. Himmelstein JS, et al. **N Engl J Med** 1985 Mar 14;312(11):687-90

The attending at the funeral. Irvine P. **N Engl J Med** 1985 Jun 27;312(26):1704-5

Overlap between public health and private physician. **NC Med J** 1984 Nov;45(11):741-3

Professional and bureaucratic role conceptions and moral behavior among nurses. Ketefian S. **Nurs Res** 1985 Jul-Aug;34(4):248-53

A reexamination of nursing role conceptions. Kinney CK. **Nurs Res** 1985 May-Jun;34(3):170-6

The process of maternal role attainment over the first year. Mercer RT. **Nurs Res** 1985 Jul-Aug;34(4):198-204

Employment, family roles, and mental ill health in young married women. Woods NF. **Nurs Res** 1985 Jan-Feb; 34(1):4-10

The physician and war. A layman's view. Blinderman A. **NY State J Med** 1985 Feb;85(2):77-9

Preventing alcohol-related violence: the physician's role. Blume SB. **NY State J Med** 1985 Feb;85(2):56-7

Doctors in the air [letter] Thompson LJ. **NZ Med J** 1985 Jan 23;98(771):26-7

New role for physicians evolves from health team concept. Felton JS. **Occup Health Saf** 1985 Mar;54(3):52-4, 58-9

Recognizing and treating the victims of violence. Porter S. **Ohio State Med J** 1985 Jul;81(7):485-91

The pediatrician's role in dental care [editorial] Levine MI. **Pediatr Ann** 1985 Feb;14(2):100, 101

The pediatrician's role in sports medicine [editorial] Levine MI. **Pediatr Ann** 1984 Aug;13(8):587-90

The role of the pediatrician in the diagnosis and management of anorexia nervosa. Silber TJ. **Pediatr Ann** 1984 Dec; 13(12):886-90 (18 ref.)

The team physician. Stackpole JW. **Pediatr Ann** 1984 Aug; 13(8):592-4

The pediatrician as advocate. Micik SH, et al. **Pediatr Clin North Am** 1985 Feb;32(1):243-9

Provision of related services for children with chronic disabilities. Committee on Children with Disabilities. **Pediatrics** 1985 Apr;75(4):796-7

Role of the pediatrician in patient education. Fulginiti VA. **Pediatrics** 1984 Nov;74(5 Pt 2):914-6

Who should provide primary health care to children: pediatricians or family medicine physicians? Hoekelman RA, et al. **Pediatrics** 1984 Oct;74(4):460-77

Intellectual malnutrition: American schools and the pediatrician's duty. Stickler GB. **Pediatrics** 1984 Oct; 74(4):557

Perceived role responsibilities of physical therapists and adapted physical educators in the public school setting. Blumenkopf M, et al. **Phys Ther** 1985 Jul;65(7):1046-51

Building a pathway to better health. The primary care physician's role. Fletcher DJ. **Postgrad Med** 1985 Jan; 77(1):297-8, 301-2, 307-10

Future directions in medical care. The heightening need for physicians as patient advocates. Jirka FJ Jr. **Postgrad Med** 1985 Feb 15;77(3):13-5, 18-9

How to manage patient death and care for the bereaved. Tolle SW, et al. **Postgrad Med** 1985 Aug;78(2):87-9, 92-5

The family doctor's role in the care of the elderly. Gray JA. **Practitioner** 1984 Dec;228(1398):1149-51

Child abuse and neglect. The role of the primary care physician in recognition, treatment, and prevention. Krugman RD. **Primary Care** 1984 Sep;11(3):527-34

Role modelling. Roberts CA. **Psychiatr J Univ Ottawa** 1984 Dec;9(4):160-4

Culture's influence in Japanese and American maternal role perception and confidence. Shand N. **Psychiatry** 1985 Feb; 48(1):52-67

Stress, role ambiguity, and role conflict. Stout JK, et al. **Psychol Rep** 1984 Dec;55(3):747-53

A social-cognitive theory of depression in reaction to life events. Oatley K, et al. **Psychol Rev** 1985 Jul;92(3):372-88

Threat to social status and cardiovascular risk. Siegrist J. **Psychother Psychosom** 1984;42(1-4):90-6

Improving mental health practices in primary care: findings from recent research. Burns BJ, et al. **Public Health Rep** 1985 May-Jun;100(3):294-300 (48 ref.)

Beyond peer review: the medical staff role in the price-competitive hospital. Fifer WR. **QRB** 1984 Sep; 10(9):262-8

Inpatient management: a new role for interventional radiologists. Ring EJ, et al. **Radiology** 1985 Feb;154(2):543

Disabled superheroes in comic books. Kokaska CJ. **Rehabil Lit** 1984 Sep-Oct;45(9-10):286-8

Child-rearing, marital, recreational and work role integration and climacteric symptoms in midlife women. Uphold CR, et al. **Res Nurs Health** 1985 Mar;8(1):73-81

The influence of discourse on collaboration among nurses, physicians, and consumers. Weiss SJ. **Res Nurs Health** 1985 Mar;8(1):49-59

Who should determine disability? Hadler NM. **Semin Arthritis Rheum** 1984 Aug;14(1):45-51

A physician role typology: colleague and client dependence in an HMO. Barr JK, et al. **Soc Sci Med** 1985;20(3):253-61

Professional socialization and social control: from medical students to general practitioners. Baszanger I. **Soc Sci Med** 1985;20(2):133-43

Physician at the scene of an emergency. Augustine JJ, et al. **South Med J** 1985 Sep;78(9):1074-7 (18 ref.)

Incest and physician responsibility. Mega LT, et al. **South Med J** 1984 Sep;77(9):1109-14

Physicians' responsibility in the drug development process. Riess DY. **South Med J** 1984 Sep;77(9):1157-9

The role of the pathologist in the surgical treatment of hyperparathyroidism. Saxe AW, et al. **Surg Gynecol Obstet** 1985 Aug;161(2):101-5

Home health care: where does the physician fit in? [editorial] Emmons J. **Tex Med** 1984 Aug;80(8):5-6

Women, children need WIC support, WIC needs physician support. Morgan B. **Va Med** 1984 Dec;111(12):740

The risk-benefit ratio in medical hero-worship. Owen JA Jr. **Va Med** 1984 Nov;111(11):682-7

Physicians as patient teachers. Brunton SA. **West J Med** 1984 Dec;141(6):855-60 (52 ref.)

Personal health maintenance for adults. Holbrook JH. **West J Med** 1984 Dec;141(6):824-31 (60 ref.)

[The role of the physicians in the formation of attitudes by the population regarding questions of the environment] Bouček K. **Cas Lek Cesk** 1985 Aug 23;124(34):1057-9 **(Cze)**

[Long-term responsibilities of the pediatrician (editorial)] Schweisguth O, et al. **Arch Fr Pediatr** 1985 Jan;42(1):1-2 **(Fre)**

[The role of the family physician toward his hospitalized patient: an essential role] Jacques A. **Union Med Can** 1984 Sep;113(9):743-5 (Eng. Abstr.) **(Fre)**

[Clinical ethics: the work of the physician] Roy DJ. **Union Med Can** 1985 May;114(5):358-9 **(Fre)**

[The chief physician's right to command in the treatment of dying patients] Rieger HJ. **Dtsch Med Wochenschr** 1985 Mar 1;110(9):353-4 **(Ger)**

[Responsibility of the pediatrician in the evaluation and prevention of child abuse] Thiele G. **Kinderarztl Prax** 1985 Mar;53(3):99-104 (Eng. Abstr.) **(Ger)**

[Role of the clinical oncologist and the oncologist in private practice in the ambulatory care of cancer patients] Illiger J, et al. **Onkologie** 1985 Apr;8(2):68-70 **(Ger)**

[Foster parents in role conflict--tasks of the psychologic care of foster families] Goldbeck L. **Prax Kinderpsychol Kinderpsychiatr** 1984 Nov-Dec; 33(8):308-17 (Eng. Abstr.) **(Ger)**

[Self image and physician ideal of preclinical medical students] Speierer GW, et al. **Psychother Psychosom Med Psychol** 1984 Aug;34(8):213-9 (Eng. Abstr.) **(Ger)**

[Status and role of nursing in the medical care process] Dietze F. **ZFA** 1985 Mar-Apr;40(2):86-91 **(Ger)**

[The role of the family physician in the era of specialization and demographic changes (editorial)] Yodfat Y. **Harefuah** 1984 Nov 15;107(10):310-1 **(Heb)**

[Self-palpation in the early diagnosis of breast tumors: the role of the gynecologist] Maggi R, et al. **Ann Ostet Ginecol Med Perinat** 1984 Jul-Aug;105(4):253-9 (Eng. Abstr.) **(Ita)**

[The role of Polish physicians in Hungary 1939-1945] Csorba H. **Arch Hist Med (Warsz)** 1984;47(2):207-19 (Eng. Abstr.) **(Pol)**

[The expected and real role of a physician in the opinion of patients with chronic respiratory tract diseases] Kuś L, et al. **Pol Tyg Lek** 1985 Jan 7;40(1):25-9 **(Pol)**

[Preventive services of physicians in general outpatient clinics and health centers with regard to primary health care] Gaertner H. **Wiad Lek** 1984 Jul 1;37(13):1057-63 (Eng. Abstr.) **(Pol)**

[Physicians' movement against nuclear war] Savel'eva GM. **Akush Ginekol (Mosk)** 1985 May;(5):3-5 **(Rus)**

[Role of the industrial hygiene physician in the activities of a medical engineering team] Trubitsyn AP, et al. **Gig Tr Prof Zabol** 1985 May;(5):41-2 **(Rus)**

[World physicians for prevention of nuclear war] Serov VV. **Klin Med (Mosk)** 1985 Feb;63(2):3-7 **(Rus)**

[Role of the laboratory physician in the diagnostic process] Tkach IuI. **Lab Delo** 1985;(4):250-2 (Eng. Abstr.) **(Rus)**

[Physicians against nuclear war] Zherbin EA. **Vopr Onkol** 1984;30(9):3-6 **(Rus)**

[The physicians' movement to prevent nuclear war and the organization for signatures on the Amsterdam appeal to stop the nuclear arms race] Mariányi J. **Cas Lek Cesk** 1984 Aug 24;123(34):1047-8 **(Slo)**

[Role of the mentally retarded graduates of special schools] Jaque Valenzuela G. **Acta Psiquiatr Psicol Am Lat** 1984 Jun;30(2):141-5 (Eng. Abstr.) **(Spa)**

[The practicing physician in the Third World facing appropriate health technology. Active participator or sideline spectator? (editorial)] Grünberg J. **Bol Med Hosp Infant Mex** 1984 Jul;41(7):351-5 **(Spa)**

ROLE CONCEPT see **ROLE**

ROLE PLAYING see under **PSYCHODRAMA**

ROLITETRACYCLINE

METABOLISM

[Rolitetracycline pharmacokinetics in patients with chronic renal failure] Wójcicki J, et al. **Pol Arch Med Wewn** 1984 Apr;71(4):241-7 (Eng. Abstr.) **(Pol)**

ROMBERG'S DISEASE see **FACIAL HEMIATROPHY**

RONIDAZOLE see under **NITROIMIDAZOLES**

RONNEL see **FENCHLORPHOS**

ROOMING-IN CARE see under **INFANT CARE**

ROOT CANAL see **DENTAL PULP CAVITY**

ROOT CANAL FILLING MATERIALS

Basic instruments and materials for endodontics. Stock CJ. **Br Dent J** 1985 Mar 23;158(6):207-15

The apical seal of selected retrograde filling materials. Palaniak A. **Can Dent Assoc J** 1984 Dec;50(12):903-5

A comparison of the sealing properties of different retrograde techniques: an autoradiographic study. Szeremeta-Browar TL, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):82-7

ADMINISTRATION & DOSAGE

Filling of the lateral canal. Report of two cases. Xu G, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug;58(2):221-4

ADVERSE EFFECTS

Adverse response to endodontic material containing paraformaldehyde. Fanibunda KB. **Br Dent J** 1984 Oct 6; 157(7):231-5

Adverse response to endodontic material containing paraformaldehyde [letter] Mehta F. **Br Dent J** 1985 Jan 19;158(2):39

Paresthesia of the mental nerve after overextension with AH26 and gutta-percha: report of case. Barkhordar RA, et al. **J Am Dent Assoc** 1985 Feb;110(2):202-3

Paste technique re-treatment study: a clinical, histopathologic, and radiographic evaluation of 50 cases. Block RM, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):76-93

The use of ultrasonic endodontic instrumentation in the re-treatment of a paste-filled endodontic tooth. Krell KV, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):100-

THERAPEUTIC USE

[Results of the clinical use of a collagen-containing paste for filling root canals] Suslova SI, et al. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):24-5 (Eng. Abstr.) **(Rus)**

TOXICITY

Mutagenicity of endodontic sealers. Orstavik D, et al. **Biomaterials** 1985 Mar;6(2):129-32

ROOT CANAL IRRIGANTS

ADMINISTRATION & DOSAGE

The comparative efficiency of final endodontic cleaning procedures in removing a radioactive albumin from root canal systems. Cecic PA, et al. **Oral Surg Oral Med Oral Pathol** 1984 Sep;58(3):336-4

ADVERSE EFFECTS

'Adverse response to endodontic material containing paraformaldehyde' [letter] Lilley JD, et al. **Br Dent J** 1984 Nov 24;157(10):340

PHARMACODYNAMICS

Inhibition of prostaglandin I2 biosynthesis in rat dental pulp by phenolic dental medicaments. Hirafuji M. **Jpn J Pharmacol** 1984 Dec;36(4):544-6

Tissue response to anodyne medicaments. Barnett F, et al. **Oral Surg Oral Med Oral Pathol** 1984 Nov;58(5):605-

In vivo fixative effect of formocresol on pulpotomized deciduous teeth of dogs. Russo MC, et al. **Oral Surg Oral Med Oral Pathol** 1984 Dec;58(6):706-14

THERAPEUTIC USE

Irrigation of the root canal system. Harrison JW. **Dent Clin North Am** 1984 Oct;28(4):797-808

Intracanal medicaments. Walton RE. **Dent Clin North Am** 1984 Oct;28(4):783–96
Intracanal use of a corticosteroid solution as an endodontic anodyne. Moskow A, et al. **Oral Surg Oral Med Oral Pathol** 1984 Nov;58(5):600–4

ROOT CANAL MEDICAMENTS see **ROOT CANAL IRRIGANTS**.

ROOT CANAL OBTURATION

METHODS

Apexogenesis versus apexification. Webber RT. **Dent Clin North Am** 1984 Oct;28(4):669–97
[Conservative prosthetics of residual roots or residual crowns of back teeth] Yang SJ. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar;20(2):98–9, 127 (Eng. Abstr.) **(Chi)**
[Follow-up study of teeth after root canal obturation with N2 for pulpitis] Esztári I, et al. **Fogorv Sz** 1984 Nov; 77(11):341–5 (Eng. Abstr.) **(Hun)**
[Efficacy of the apical seal of 3 common root canal obturation technics after dowel preparation] Pezzoli M, et al. **Minerva Stomatol** 1985 Jan–Feb;34(1):141–4 (Eng. Abstr.) **(Ita)**

ROOT CANAL THERAPY

Periapical healing after apicocurettage during apexification. Harbert HL. **ASDC J Dent Child** 1985 Jul–Aug;52(4):303–5
Negotiation of obstructed canals; bleaching of teeth. Stock CJ, et al. **Br Dent J** 1985 Jun 22;158(12):457–62
Symposium on endodontics. **Dent Clin North Am** 1984 Oct; 28(4):635–979
Pulp therapy for primary and young permanent teeth. Camp JH. **Dent Clin North Am** 1984 Oct;28(4):651–68
Restoration of endodontically treated teeth. A conservative approach. Halpern BG. **Dent Clin North Am** 1985 Apr; 29(2):293–303
Anesthetics, analgesics, antibiotics, and endodontics. Miles M. **Dent Clin North Am** 1984 Oct;28(4):865–82
The enigma of the lateral canal. Weine FS. **Dent Clin North Am** 1984 Oct;28(4):833–52
Cryopreservation before replantation of mature teeth in monkeys. (II). Effect of preincubation, different freezing and equilibration rates and endodontic treatment upon periodontal healing. Schwartz O, et al. **Int J Oral Surg** 1985 Aug;14(4):350–61
Providing endodontic care [letter] **J Am Dent Assoc** 1985 Jul;111(1):10
Effect of complete veneer crowns on the compressive strength of endodontically treated posterior teeth. Gelfand M, et al. **J Prosthet Dent** 1984 Nov;52(5):635–8
Endodontic considerations in the design of acid-etched anterior splints for patients with reduced periodontal support. Gholston LR, et al. **J Prosthet Dent** 1985 Jul; 54(1):29–33
Endodontically treated teeth as abutments. Sorensen JA, et al. **J Prosthet Dent** 1985 May;53(5):631–6
Intracanal use of a corticosteroid solution as an endodontic anodyne. Moskow A, et al. **Oral Surg Oral Med Oral Pathol** 1984 Nov;58(5):600–4
The effect of tryptophan on postoperative endodontic pain. Shpeen SE, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct;58(4):446–9
Endodontic considerations associated with periapical surgery. Taylor GN, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct;58(4):450–5
The median mandibular cyst and its endodontic significance. Tenca JI, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep; 60(3):316–21
[Statistical study of a long-term follow-up of root canal treatments in 194 radiologically visible periapical lesions] Guignard JL, et al. **Schweiz Monatsschr Zahnmed** 1985 Apr; 95(4):290–306 (Eng. Abstr.) **(Fre)**
[Pain control in endodontics] Bianchi S. **Minerva Stomatol** 1985 Jan–Feb;34(1):192–4 (Eng. Abstr.) **(Ita)**

ADVERSE EFFECTS

Incomplete resorption of resorbable zinc oxide root canal fillings in primary teeth: report of two cases. Spedding RH. **ASDC J Dent Child** 1985 May–Jun;52(3):214–6
Cysts associated with deciduous molars following pulp therapy. Grundy GE, et al. **Aust Dent J** 1984 Aug; 29(4):249–56
Non-surgical repair to an iatrogenic perforation of the root canal: a case history. Foreman PC. **Br Dent J** 1985 Feb 9;158(3):97–8
Single-blind clinical trial comparing use of fentiazac and paracetamol in postendodontic periodontitis. Leguen MA. **Clin Ther** 1985;7(2):145–50
Septicaemia as a complication of endodontic treatment. Lee GT. **J Dent** 1984 Sep;12(3):241–2
Management of a vertically fractured endodontically treated tooth. O'Reilly PM. **Oral Surg Oral Med Oral Pathol** 1985 Aug;60(2):208–11
Inadequate treatment: a pathway to surgery. Wallace JA, et al. **Oral Surg Oral Med Oral Pathol** 1985 May; 59(5):528–9
Temperature rise during root canal preparation––a possible cause of damage to tooth and periodontal tissue. Eriksson JH, et al. **Swed Dent J** 1984;8(5):217–23

INSTRUMENTATION

Basic instruments and materials for endodontics. Stock CJ. **Br Dent J** 1985 Mar 23;158(6):207–15
Making endodontics a little easier. Kahn H. **Dent Clin North Am** 1984 Oct;28(4):953–79
Efficient calcium hydroxide placement within the root canal. Kleier DJ, et al. **J Prosthet Dent** 1985 Apr;53(4):509–10
The influence of file size, cleaning, and time on effectiveness of bead sterilizers. Fahid A, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct;58(4):443–5
The use of ultrasonic endodontic instrumentation in the re-treatment of a paste-filled endodontic tooth. Krell KV, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):100–2
[The Mooser pin system––traditional––examined anew] Marinello CP. **Schweiz Monatsschr Zahnmed** 1984 Aug; 94(8):715–24 **(Ger)**
[Thoughts on the quality of parapulpal screws] Wirz J. **Schweiz Monatsschr Zahnmed** 1984 Aug;94(8):724–8 **(Ger)**

METHODS

Endodontic treatment for children. Goodman JR. **Br Dent J** 1985 May 25;158(10):363–6
Treatment of the emergency patient. Nehammer CF. **Br Dent J** 1985 Apr 6;158(7):245–54
Preparation and filling of the root canal. Nehammer CF, et al. **Br Dent J** 1985 Apr 20;158(8):285–91
Surgical endodontics. Nehammer CF. **Br Dent J** 1985 Jun 8;158(11):400–9
Endodontics in practice. Diagnosis and treatment planning. Stock CJ. **Br Dent J** 1985 Mar 9;158(5):163–70 contd
One-visit endodontics. Ashkenaz PJ. **Dent Clin North Am** 1984 Oct;28(4):853–63
Principles of endodontic surgery for the general practitioner. Gutmann JL. **Dent Clin North Am** 1984 Oct;28(4):895–908
Access cavity preparation. Janik JM. **Dent Clin North Am** 1984 Oct;28(4):809–18
Root extrusion. Rationale and techniques. Simon JH. **Dent Clin North Am** 1984 Oct;28(4):909–21
Advanced techniques for intracanal preparation and filling in routine endodontic therapy. Taylor GN. **Dent Clin North Am** 1984 Oct;28(4):819–32
The endodontically treated tooth. Restorative concepts and techniques. Trabert KC, et al. **Dent Clin North Am** 1984 Oct;28(4):923–51
Endosonic endodontics: the ultrasonic synergistic system. Martin H, et al. **Int Dent J** 1984 Sep;34(3):198–203
Traumatic fracture––one-visit endodontic treatment and dentinal bonding reattachment of coronal fragment: report of case. Ludlow JB, et al. **J Am Dent Assoc** 1985 Mar; 110(3):341–3
Paste technique re-treatment study: a clinical, histopathologic, and radiographic evaluation of 50 cases. Block RM, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):76–93
The comparative efficiency of final endodontic cleansing procedures in removing a radioactive albumin from root canal systems. Cecic PA, et al. **Oral Surg Oral Med Oral Pathol** 1984 Sep;58(3):336–42
Endodontic treatment of a cementoblastoma. Goerig AC, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug; 58(2):133–6
Two dental x-ray films compared for rater preference using endodontic views. Kleier DJ, et al. **Oral Surg Oral Med Oral Pathol** 1985 Feb;59(2):201–5
Straight-line endodontic access to anterior teeth. LaTurno SA, et al. **Oral Surg Oral Med Oral Pathol** 1985 Apr; 59(4):418–9
Endodontic flap design: analysis and recommendations for current usage. Lubow RM, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug;58(2):207–12
Filling of the lateral canal. Report of two cases. Xu G, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug;58(2):221–4
[One-step therapy for the infected root canal and apex lesion––analysis of 124 cases] Zong LJ. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Sep;19(3):178–9 **(Chi)**
[How to cope with inaccessible canals? Should one proceed at any cost?] Machtou P. **Rev Odontostomatol (Paris)** 1984 Jul–Aug;13(4):239–48 **(Fre)**
[An endodontic technic from the School of Dentistry in Pavia] Bianchi S. **Minerva Stomatol** 1985 Jan–Feb; 34(1):195–7 (Eng. Abstr.) **(Ita)**
[Endodontic therapy for deciduous teeth] De Fazio P, et al. **Minerva Stomatol** 1985 May–Jun;34(3):527–33 (Eng. Abstr.) **(Ita)**

TRENDS

Changing concepts in endodontic therapy. **J Am Dent Assoc** 1985 Apr;110(4):470–80

VETERINARY

Endodontic therapy on an African lion (Panthera leo). Keffen RH. **J S Afr Vet Assoc** 1985 Jun;56(2):109–10

ROOT RESORPTION

Glycogen content and phosphorylase activities in deciduous dental pulp. Study on porcine teeth during root formation, fully formed root and root resorption phases. Martins-da-Silva AM, et al. **J Biol Buccale** 1985 Jun; 13(2):97–103

ETIOLOGY

Nailbiting: frequency and association with root resorption during orthodontic treatment. Odenrick L, et al. **Br J Orthod** 1985 Apr;12(2):78–81
Root resorption: the aggressive, unerupted second premolar. Tracey C, et al. **Br J Orthod** 1985 Apr;12(2):97–101
Root resorption of upper permanent incisor caused by impacted canine. An analysis of 23 cases. Sasakura H, et al. **Int J Oral Surg** 1984 Aug;13(4):299–306
Root resorption following periodontal flap procedures in monkeys. Magnusson I, et al. **J Periodont Res** 1985 Jan; 20(1):79–85
Root resorption associated with placement of a ceramic implant. Report of a case. Ibbott CG. **J Periodontol** 1985 Jul;56(7):419–21

PATHOLOGY

Root resorption leading to linkage of dentinal collagen and gingival fibers? A case report. Stahl SS, et al. **J Clin Periodontol** 1985 May;12(5):399–404

PHYSIOPATHOLOGY

[Root resorption. II. Pathological rhizolysis] Bucci E, et al. **Minerva Stomatol** 1984 Sep–Oct;33(5):783–90 (27 ref.) (Eng. Abstr.) **(Ita)**
[Root resorption. I. Physiological rhizolysis] Bucci E, et al. **Minerva Stomatol** 1984 Sep–Oct;33(5):779–82 (21 ref.) (Eng. Abstr.) **(Ita)**

RADIOGRAPHY

Calcific metamorphosis with internal resorption. Peterson DS, et al. **Oral Surg Oral Med Oral Pathol** 1985 Aug; 60(2):231–3

THERAPY

Calcium hydroxide: root resorption and perio-endo lesions. Stock CJ. **Br Dent J** 1985 May 11;158(9):325–34

RORSCHACH TEST

Back to Topeka: two types of distance in Rapaport's original Rorschach thought disorder categories. Schuldberg D, et al. **J Abnorm Psychol** 1985 May;94(2):205–15
The Urist Rorschach Mutuality of Autonomy Scale as an indicator of psychopathology. Harder DW, et al. **J Clin Psychol** 1984 Jul;40(4):1078–83
The schizophrenia spectrum: a study of the relationship among the Rorschach, MMPI, and visual backward masking. Saccuzzo DP, et al. **J Clin Psychol** 1984 Nov; 40(6):1288–94
The Rorschach Comprehensive System Egocentricity Index in psychiatric inpatients. Barley WD, et al. **J Pers Assess** 1985 Apr;49(2):137–40
Content interpretation re: Salley and Teiling's 'Dissociated rage attacks in a Vietnam veteran: a Rorschach study'. Carr AC. **J Pers Assess** 1984 Aug;48(4):420–1
One last response to the Rorschach test: a second chance to reveal oneself. Cerney MS. **J Pers Assess** 1984 Aug; 48(4):338–44
Responses of schizophrenics and nonpatients to a tachistoscopic presentation of the Rorschach. Colligan SC, et al. **J Pers Assess** 1985 Apr;49(2):129–36
Psychological functioning after severe closed head injury. Ellis DW, et al. **J Pers Assess** 1985 Apr;49(2):125–8
Children's Rorschachs: description and prediction. Exner JE Jr, et al. **J Pers Assess** 1985 Feb;49(1):13–20
The use of the Rorschach in brief clinical evaluation. Klopfer WG. **J Pers Assess** 1984 Dec;48(6):654–9
Rorschach content interpretation in post-traumatic stress disorders: a reply to Carr. Kowitt MP. **J Pers Assess** 1985 Feb;49(1):21–5
Rorschach predictors of therapeutic outcome in a child psychiatric inpatient service. LaBarbera JD, et al. **J Pers Assess** 1985 Apr;49(2):120–4
The Rorschach H response and object relations. Lerner H, et al. **J Pers Assess** 1984 Aug;48(4):345–50
The Rorschach 'Father' and 'Mother' cards: an evaluation of the research. Liaboe GP, et al. **J Pers Assess** 1985 Feb; 49(1):2–5
Understanding multiple personality with the Comprehensive Rorschach system. Lovitt R, et al. **J Pers Assess** 1985 Jun; 49(3):289–94
Schizophrenic, depressive, and nonpatient personality organizations described by Rorschach factor structures. Mason BJ, et al. **J Pers Assess** 1985 Jun;49(3):295–305
Personality traits of female psychotherapy patients with a history of incest: a research note. Owens TH. **J Pers Assess** 1984 Dec;48(6):606–8
A Rorschach assessment of children's mutuality of autonomy. Ryan RM, et al. **J Pers Assess** 1985 Feb;49(1):6–12
Sweet sorrow: the color-shading response in an adult cystic fibrosis population. Sanders D, et al. **J Pers Assess** 1984 Oct;48(5):476–7
Rorschach markers in euthymic manic-depressive illness. Mandel B, et al. **Neuropsychobiology** 1984;12(2–3):96–100

Anatomical Rorschach responses of gravely psychosomatic patients. Ihanus J. **Percept Mot Skills** 1984 Aug;59(1):337-8

Exner's Four Square: useful index in appraisal of learning disability? Scott RS. **Percept Mot Skills** 1985 Apr; 60(2):525-6

The Rorschach test in behavioral toxicology. Lindström K. **Scand J Work Environ Health** 1984;10 Suppl 1:20-3

[Families with a child ill with colitis or asthma in the initial psychoanalytic consultation and the family Rorschach Test] Günther C, et al. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:303-20 **(Ger)**

[The colitis family in the Rorschach Test] Perinelli K, et al. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985; 26:108-21 **(Ger)**

[Rorschach studies on the so-called epileptic character change] Hunger J, et al. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(1):151-64 (Eng. Abstr.) **(Ger)**

[Rorschach profiles in a group of heart patients and a group of patients with gastroenteropathies. Comparative analysis] Bottazzi R, et al. **Minerva Psichiatr** 1984 Apr-Jun; 25(2):85-91 (Eng. Abstr.) **(Ita)**

[Aggressiveness of drug addicts] Rovera GG, et al. **Minerva Psichiatr** 1984 Apr-Jun;25(2):101-10 (Eng. Abstr.) **(Ita)**

[The Ranking Rorschach test in schizophrenics] Rovera GG, et al. **Minerva Psichiatr** 1984 Oct-Dec;25(4):241-3 (Eng. Abstr.) **(Ita)**

ROSACEA

Rosacea. Jillson OF. **Cutis** 1984 Aug;34(2):137-8

BLOOD

[The kallikrein-kinin system in rosacea patients] Glukhen'kiĭ BT, et al. **Vestn Dermatol Venerol** 1985 Jun;(6):30-2 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Blepharitis associated with acne rosacea and seborrheic dermatitis. McCulley JP, et al. **Int Ophthalmol Clin** 1985 Spring;25(1):159-72

DIAGNOSIS

[Rhinophyma. Clinical and surgical considerations. Risk of degeneration] Pitanguy I, et al. **Ann Chir Plast Esthet** 1985; 30(1):56-62 (Eng. Abstr.) **(Fre)**

DRUG THERAPY

Topical treatment with sulfur 10 per cent for rosacea. Blom I, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):358-9

Metronidazole in the treatment of rosacea [letter] **Arch Dermatol** 1985 Mar;121(3):307-8

Metronidazole suspension applied topically for rosacea [letter] Dupont C. **Br J Dermatol** 1984 Oct;111(4):499

Response of rosacea to isotretinoin. Marsden JR, et al. **Clin Exp Dermatol** 1984 Sep;9(5):484-8

Treatment of rosacea with tetracycline and metronidazole--a comparative study. Nasir MA. **JPMA** 1985 May; 35(5):148-9

[Roaccutan in acne and rosacea] Mahrle G, et al. **Z Hautkr** 1985 Jan;60(1-2):120, 125-34 (Eng. Abstr.) **(Ger)**

[Therapy of severe acne and acne rosacea with oral 13-cis-retinoic acid (Isotretinoin)] Gandola M. **Acta Vitaminol Enzymol** 1984;6(4):325-37 (Eng. Abstr.) **(Ita)**

[Our experience in the cure of rosacea with metronidazole] Varotti C, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec; 119(6):437-9 (Eng. Abstr.) **(Ita)**

[Experience in the treatment of rosacea and perioral dermatitis with trichopol] Shakhnes IE, et al. **Vestn Dermatol Venerol** 1985 Mar;(3):55-8 (Eng. Abstr.) **(Rus)**

METABOLISM

Tear studies in ocular rosacea. Browning DJ. **Am J Ophthalmol** 1985 May 15;99(5):530-3

PATHOLOGY

[Parasitism of human hair follicle mites and its relation to the histopathology of rosacea] Yang LQ. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):249-52 (Eng. Abstr.) **(Chi)**

RADIOGRAPHY

[Nose injury] Nöldge G, et al. **Radiologe** 1984 Sep;24(9):447-8 **(Ger)**

SURGERY

Rhinophyma. Roberts JO, et al. **J R Soc Med** 1985 Aug; 78(8):678-81

THERAPY

[Treatment of rosacea at a department of medical cosmetology] Trutiak LN, et al. **Vestn Dermatol Venerol** 1984 Nov;(11):49-50 (Eng. Abstr.) **(Rus)**

ROSAMICINS see **LEUCOMYCINS**

ROS[illegible]MYCINS see **LEUCOMYCINS**

ROSANILINE DYES

An evaluation of quantitative techniques for Schistosoma haematobium eggs in urine preserved with carbolfuchsin. Richards FO Jr, et al. **Am J Trop Med Hyg** 1984 Sep; 33(5):857-61

Electrophoresis in the presence of Coomassie brilliant blue R-250 stains polyacrylamide gels during protein fractionation. Borejdo J, et al. **Anal Biochem** 1984 Jul; 140(1):84-6

Quantification of attached cells in microtiter plates based on Coomassie brilliant blue G-250 staining of total cellular protein. Laughton C. **Anal Biochem** 1984 Aug 1; 140(2):417-23

Factors affecting the assay of histone H1 and polylysine by binding of Coomassie blue G. Lea MA, et al. **Anal Biochem** 1984 Sep;141(2):390-6

Quantitation of proteins on Coomassie blue-stained polyacrylamide gels based on spectrophotometric determination of electroeluted dye. Malloy JM, et al. **Anal Biochem** 1984 Sep;141(2):503-9

Coomassie brilliant blue staining of lipids on thin-layer plates. Nakamura K, et al. **Anal Biochem** 1984 Nov 1;142(2):406-10

Threshold of pathological proteinuria measured with Coomassie Brilliant Blue [letter] Lievens MM, et al. **Clin Chem** 1985 Jan;31(1):163-4

A cause of discrepancy between values for urinary protein as assayed by the Coomassie Brilliant Blue G-250 method and the sulfosalicylic acid method. Shiba KS, et al. **Clin Chem** 1985 Jul;31(7):1215-8

Urinary protein determination using Coomassie Brilliant Blue in the presence of sodium dodecyl sulphate. Perini JM, et al. **Clin Chim Acta** 1984 Nov 30;143(3):321-8

Preparation and characterization of methyl green tetrafluoroborate. Jakobsen P, et al. **Histochemistry** 1984; 81(2):177-9

Value of methylene blue examination, dark-field microscopy, and carbol-fuchsin Gram stain in the detection of Campylobacter enteritis. Thorson SM, et al. **J Pediatr** 1985 Jun;106(6):941-3

Qualitative analysis of Coomassie-blue-stained proteins from normal prostate, benign prostatic hypertrophy, or adenocarcinoma of the prostate, separated by two-dimensional protein electrophoresis. Anderson KM, et al. **Prostate** 1985;6(3):315-23

[Methyl green-pyronine staining] Krutsay M. **Morphol Igazsagugyi Orv Sz** 1985 Apr;25(2):145-7 (Eng. Abstr.) **(Hun)**

[Relation of the absorption spectra of DNA-fuchsin to the conditions of carrying out the Feulgen reaction] Kotel'nikov VM, et al. **Lab Delo** 1985;(3):137-40 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Life-threatening anaphylaxis following subcutaneous administration of isosulfan blue 1%. Longnecker SM, et al. **Clin Pharm** 1985 Mar-Apr;4(2):219-21

Allergy to dyes used in lymphangiography. Pevny I, et al. **Contact Dermatitis** 1985 Jan;12(1):54-5

[Anaphylactic shock after subcutaneous injection of patent blue violet during lymphography (letter)] Pedro-Botet Montoya J, et al. **Sangre (Barc)** 1984;29(6):1053-4 **(Spa)**

DIAGNOSTIC USE

A continuous-flow technique with Coomassie Brilliant Blue for cerebrospinal fluid protein assay [letter] Gillery P, et al. **Clin Chem** 1985 Jun;31(6):1092-3

Why does Coomassie Brilliant Blue R interact differently with different proteins? A partial answer. Tal M, et al. **J Biol Chem** 1985 Aug 25;260(18):9976-80

A comparison of digital and optical criteria for detecting carious dentin. Anderson MH, et al. **J Prosthet Dent** 1985 May;53(5):643-6

Bacteriologic study of a basic fuchsin caries-disclosing dye. Anderson MH, et al. **J Prosthet Dent** 1985 Jul;54(1):51-5

Effects of different fuchsin analogs on aldehyde fuchsin staining of human cartilage. Nishi K, et al. **Nippon Hoigaku Zasshi** 1984 Dec;38(6):787-91

[Intravital staining with sulfan blue (disulphin blue) in radical surgery of osteomyelitis] Andersen K, et al. **Ugeskr Laeger** 1985 Feb 4;147(6):506-8 (Eng. Abstr.) **(Dan)**

[Intraoperative angiographic localization of a hemorrhaging small intestine ulcer by dye injection] Düber C, et al. **Chirurg** 1985 Mar;56(3):183-5 **(Ger)**

[Histopathological diagnosis of early stages of myocardial infarction--applications of the improved hematoxylin basic fuchsin picric acid (HBFP) staining method to human autopsy hearts] Fujita M, et al. **Hokkaido Igaku Zasshi** 1985 May;60(3):313-20 (Eng. Abstr.) **(Jpn)**

[Comparison of acid fuchsin (AF) staining and hematoxylin-basic fuchsin-picric acid (HBFP) staining for demonstration of early myocardial infarction] Ohtani S, et al. **Rinsho Byori** 1984 Sep;32(9):1013-6 **(Jpn)**

[Micromodification of the determination of the ATPase activity of tissues and their biostructures by using malachite green] Gribanov GA, et al. **Vopr Med Khim** 1985 Mar-Apr; 31(2):120-2 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

[Quantitative determination of total mitochondrial protein with Coomassie] Aliverdieva DA, et al. **Prikl Biokhim Mikrobiol** 1984 Nov-Dec;20(6):823-30 (Eng. Abstr.) **(Rus)**

TOXICITY

Toxicological studies on malachite green: a triphenylmethane dye. Clemmensen S, et al. **Arch Toxicol** 1984 Nov; 56(1):43-5

ROSARAMICINS see **LEUCOMYCINS**

ROSE BENGAL

DIAGNOSTIC USE

Hepatic transport and binding of rose bengal in the presence of albumin and gamma globulin. Forker EL, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G702-8

The I-131 rose bengal excretion test is not dead. Antico VF, et al. **Clin Nucl Med** 1985 Mar;10(3):171-2

[Sjogren's syndrome and a simple method for its diagnosis] Shao TY. **Chung Hua Yen Ko Tsa Chih** 1985 Jan;21(1):52-3 **(Chi)**

[Experimental evaluation of Bengal rose labeled with 123I] Volkov AA, et al. **Med Radiol (Mosk)** 1985 May; 30(5):66-70 (Eng. Abstr.) **(Rus)**

[Usefulness of the indirect immunofluorescence test and the rose bengal test in the diagnosis of brucellosis] Navarro Rodriguez A, et al. **Rev Clin Esp** 1984 Oct 15;175(1):27-31 (Eng. Abstr.) **(Spa)**

PHARMACODYNAMICS

Studies on active site of goat pancreatic carboxypeptidase A: modification of histidine residues. Dua RD, et al. **Indian J Biochem Biophys** 1985 Feb;22(1):8-12

The cytotoxic and photodynamic inactivation of micro-organisms by Rose Bengal. Banks JG, et al. **J Appl Bacteriol** 1985 Apr;58(4):391-400

ROSENZWEIG PICTURE-FRUSTRATION STUDY see under **PROJECTIVE TECHNICS**

ROSETTE FORMATION

Detection of human lymphocyte subpopulations by using monoclonal antibodies and protein A-coated erythrocytes. Roman S, et al. **Acta Haematol (Basel)** 1985;73(3):140-4

Effect of dialysis therapy on the T, EAC+ and E--EAC--lymphocyte counts. II. Acute renal failure. Zukowska-Szczechowska E. **Acta Med Pol** 1984; 25(1-4):63-71

Effect of thymosin on T-lymphocyte rosette formation in Nigerian patients with different types of cancer. Olusi SO, et al. **Afr J Med Med Sci** 1984 Sep-Dec;13(3-4):103-9

Changes in the expression of SRBC receptors on human lymphocytes caused by azathioprine and puromycine. Drela N. **Arch Immunol Ther Exp (Warsz)** 1984; 32(5):565-76

Mouse erythrocyte membrane sialoglycoproteins and their involvement in the interaction with mouse rosette forming human lymphocytes. Krotkiewski H, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(5):613-20

Cells involved in autologous rosette formation in mice. I. Two different subpopulations of thymocytes regulating autologous rosette formation. Wieczorek Z, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(5):537-41

Cells involved in autologous rosette formation in mice. II. Identification of cells forming autologous rosettes in peripheral blood. Zimecki M, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(5):543-8

Spurious E rosette formation in B cell chronic lymphocytic leukemia due to monoclonal anti-sheep RBC antibody. Mills LE, et al. **Blood** 1985 Feb;65(2):270-4

The E rosette-associated antigen of T cells can be identified on blasts from patients with acute myeloblastic leukemia. Mirro J, et al. **Blood** 1985 Feb;65(2):363-7

Blast lymphocyte transformation (LTT), rosette (E-RFC) and leukocyte migration inhibition (MIF) tests in persons exposed to the action of lead during work. Report II. Jaremin B. **Bull Inst Marit Trop Med Gdynia** 1983; 34(3-4):189-97

Restoration of defective EAG-rosetting capacity of cancer patient neutrophils by levamisole. Patrone F, et al. **Cancer** 1985 Apr 15;55(8):1668-72

High affinity rosette forming cells in carcinoma of the oral cavity, uterine cervix and breast. Vijayakumar T, et al. **Cancer Lett** 1985 Jul;27(3):339-45

Human autologous rosette-forming cells. II. Specificity of the binding between lymphocytes and erythrocytes. Nalet V, et al. **Cell Immunol** 1984 Nov;89(1):212-22

Sugar specificity of the receptor of rat thymocytes in rosette formation with guinea pig erythrocytes. Oka H, et al. **Cell Immunol** 1984 Nov;89(1):235-41

Maturational impairment of thymic lymphocytes in streptozotocin-induced diabetes in rats. Tabata T, et al.

Cell Immunol 1984 Nov;89(1):250-8

Immune complexes and autoantibodies in patients with giant cell arteritis and their relationship with autologous rosette-forming cells. Youinou PY, et al. **Clin Exp Rheumatol** 1985 Jan-Mar;3(1):17-21

Increased rate of E-rosette formation by T lymphocytes of pregnant women who drink ethanol. Madden JJ, et al. **Clin Immunol Immunopathol** 1984 Oct;33(1):67-79

Effect of human tumor antigens on the active E-rosette-forming test (ARFT): a new diagnostic method for cancer. Wang K. **Clin Immunol Immunopathol** 1984 Oct; 33(1):1-12

Isolation and purification of fetal calf serum factor promoting mouse erythrocyte rosette formation. Venza Teti D, et al. **Diagn Immunol** 1984;2(1):44-7

Increase in autorosette-forming lymphocytes in thyroid diseases. Endo Y, et al. **Endocrinol Jpn** 1984 Oct; 31(5):627-34

Enrichment of myeloid progenitor cells from normal human bone marrow using an immune-rosette technique. Koizumi S, et al. **Exp Hematol** 1985 Jul;13(6):560-5

Morphine depression of T cell E-rosetting: definition of the process. Donahoe RM, et al. **Fed Proc** 1985 Jan;44(1 Pt 1):95-9

Rosetting index (E rosettes/mouse rosettes): a simple diagnostic and prognostic value in CLL. Berrebi A, et al. **Haematologia (Budap)** 1984;17(4):427-32

An IgM pan-T monoclonal antibody that blocks E-rosette formation. De Nardin E, et al. **Hybridoma** 1985 Summer; 4(2):125-41

Sequential changes of the T lymphocytes following ER rosette formation in guinea pigs. I. Expression of Fc and complement receptors. Yasumizu R, et al. **Immunobiology** 1985 Apr;169(3):292-302

Autorosette formation in humans: study of the specificity of the T cell receptors for autologous erythrocytes. Nalet V, et al. **Immunol Lett** 1985;10(1):7-12

Ability of rosetting or non-rosetting individual control and inflammatory macrophages to kill Escherichia coli X43 intracellularly. Rhodes JM, et al. **Immunol Lett** 1985; 9(1):33-7

The influence of the membrane sodium pump activity on the ability of human peripheral blood lymphocytes to form early rosettes with SRBC. Witkowski J. **Immunology** 1985 Jun;55(2):339-45

Formation of total and stable E-rosettes by lymphocytes from patients with pulmonary tuberculosis stimulated by Con A or PPD. Aristizábal L, et al. **J Clin Lab Immunol** 1985 Jan;16(1):31-6

E-receptors mediate the attachment of activated T-lymphocytes to human red blood cells: evidence from studies with monoclonal antibodies and simple sugars. Schlesinger M, et al. **J Clin Lab Immunol** 1984 Sep; 15(1):27-33

T cell activation via CD2 [T, gp50] molecules: accessory cells are required to trigger T cell activation via CD2-D66 plus CD2-9.6/T11(1) epitopes. Brottier P, et al. **J Immunol** 1985 Sep;135(3):1624-31

Thymic reticulum in mice. IV. The rosette formation between phagocytic cells of the thymic reticulum and cortical type thymocytes is mediated by complement receptor type three. el Rouby S, et al. **J Immunol** 1985 Jun;134(6):3625-31

The role of interleukin 2 and T11 E rosette antigen in activation and proliferation of human NK clones. Schmidt RE, et al. **J Immunol** 1985 Jul;135(1):672-8

A novel in vitro assay for mouse IgE. Hall TJ, et al. **J Immunol Methods** 1985 Jun 25;80(2):145-54

A simple and rapid method for detecting and separating T lymphocytes by rosetting with autologous erythrocytes. Volk HD, et al. **J Immunol Methods** 1984 Oct 26; 73(2):443-6

The effect of biotin on the formation of different types of E-rosettes by human lymphocytes. Petrelli F, et al. **J Leukocyte Biol** 1985 May;37(5):503-9

Peroxidase antiperoxidase versus specific red cell adherence in detection of O (H) antigen in bladder cancer: a blind study. Javadpour N, et al. **J Surg Oncol** 1984 Oct; 27(2):112-5

Effect of neuraminidase treatment of rat thymocytes on rosette formation with guinea pig erythrocytes. Oka H, et al. **Jpn J Physiol** 1984;34(6):1141-5

Standardization of bovine E-rosette assay and enumeration of lymphocyte subpopulations. Nagahata H, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):815-21

Effect of metabolic inhibitors on the ability of human T lymphocytes to form active T rosettes. Ohkubo K, et al. **Sangyo Ika Daigaku Zasshi** 1984 Sep 1;6(3):243-8

Active T rosette formation of human T lymphocytes after stimulation with lectins. Ohkubo K, et al. **Sangyo Ika Daigaku Zasshi** 1984 Sep 1;6(3):235-42

E rosette-positive agar colonies containing the Philadelphia chromosome in chronic myeloid leukaemia. Nogueira-Costa R, et al. **Scand J Haematol** 1985 Feb; 34(2):184-90

Quantification of soluble E-receptor in the serum of patients with various diseases and its accompanying in vitro immunosuppression in neoplasia. Oh SK, et al. **Scand J Immunol** 1985 Jul;22(1):51-60

Analysis of a sheep anti-pig T lymphoblast serum with specificity for E rosette-forming lymphocytes. Licence ST, et al. **Vet Immunol Immunopathol** 1984 Oct;7(3-4):255-73

[Suppressive effect of wurenchun on the plaque forming cell (PFC) and specific rosette formation cell (SRFC) of mice] Long ZZ. **Chung Hua I Hsueh Tsa Chih** 1984 Jun; 64(6):369-71 (Eng. Abstr.) **(Chi)**

[Preliminary report on preparation of monoclonal antibody against E receptor] Zhao YL, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Feb; 6(1):73-5 (Eng. Abstr.) **(Chi)**

[The importance of active rosette-forming cells and specific antigen-binding cells in the diagnosis of rejection after allogeneic orthotopic kidney transplantation] Werner M, et al. **Allerg Immunol (Leipz)** 1984;30(3):146-58 (Eng. Abstr.) **(Ger)**

[Effect of psoriasis serum on rosette formation in nonpsoriasis donor lymphocytes] Schwartze G, et al. **Dermatol Monatsschr** 1985;171(1):58-60 **(Ger)**

[Effect of benzene on lymphocyte rosette formation in vitro and in vivo] Schwartze G, et al. **Z Gesamte Hyg** 1985 Mar; 31(3):171-3 (Eng. Abstr.) **(Ger)**

[Experimental study of pathological and normal early pregnancy with the E rosette test] Strache RR, et al. **Zentralbl Gynakol** 1985;107(4):201-7 (Eng. Abstr.) **(Ger)**

[Interrelation of 5'-nucleotidase separated from thymocytes by heating and receptors responsible for interaction with autologous erythrocytes] Bezvershenko IA, et al. **Fiziol Zh** 1985 May-Jun;31(3):282-7 (Eng. Abstr.) **(Rus)**

[Spontaneous rosette formation reaction of lymphocytes isolated from capillary blood] Karpova ZhI, et al. **Lab Delo** 1984;(7):427-30 (Eng. Abstr.) **(Rus)**

[The phenomenon of the formation of universal rosette-forming cells under superextreme loads] Petrova IV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb; (2):72-6 (Eng. Abstr.) **(Rus)**

[The effect of alcohol on lymphocytes and the influence of serum from alcoholics on the process of lymphocyte transformation in the circulating blood of healthy persons] Softić N, et al. **Acta Med Iugosl** 1985;39(1):13-28 (Eng. Abstr.) **(Scr)**

[The significance of E and EAC rosettes, acid phosphatase and beta-glucuronidase activity in lymphocyte rosettes, and the level of glycogen in peripheral blood leukocytes in patients with viral hepatitis] Softić N, et al. **Acta Med Iugosl** 1984;38(3):169-88 (Eng. Abstr.) **(Scr)**

[Immunologic properties of the growth hormone in 2 model situations] Rovenský J, et al. **Bratisl Lek Listy** 1985 Aug; 84(2):185-92 (Eng. Abstr.) **(Slo)**

[Enhancement of the recovery of receptors for sheep erythrocytes on human T lymphocytes by prolactin] Rovenský J, et al. **Cas Lek Cesk** 1984 Jul 6;123(27):832-4 (Eng. Abstr.) **(Slo)**

[The significance of immunofluorescence and rosette tests in the study of acute lymphoblastic leukemia in childhood] Nosková J, et al. **Cesk Pediatr** 1984 Sep;39(9):513-7 (Eng. Abstr.) **(Slo)**

METHODS

Effect of dialysis therapy on the T, EAC+ and E--EAC--lymphocyte counts. I. Chronic renal failure. Zukowska-Szczechowska E. **Acta Med Pol** 1984; 25(1-4):45-62

Improvement of the rosette inhibition assay for the detection of early pregnancy factor in humans using the monoclonal antibody, anti-human-Lyt-3. Tinneberg HR, et al. **Am J Reprod Immunol** 1984 Jun;5(4):151-6

A simple method for electronic counting of rosette forming human blood lymphocytes. Sandberg G, et al. **Clin Exp Immunol** 1985 Feb;59(2):499-504

Double-rosetting technique for the detection of Fc gamma receptor-positive T lymphocytes. Cillari E, et al. **Diagn Immunol** 1983;1(2):80-6

Rosetting techniques to detect cell surface markers on mouse and human lymphoreticular cells. Elliott BE, et al. **Methods Enzymol** 1984;108:49-64

Direct and mixed antiglobulin rosetting reaction. Haegert DG. **Methods Enzymol** 1984;108:386-93

Isolation of highly purified lymphocyte subsets for functional studies by means of an indirect rosette technique. van der Giessen M, et al. **Scand J Immunol** 1985 Jul;22(1):41-9

[The triple rosette formation reaction--a new method for assessing the mechanisms of cellular immunity during exposure to factors in the industrial environment] Khil'ko TF. **Gig Tr Prof Zabol** 1984 Sep;(9):20-3 (Eng. Abstr.) **(Rus)**

[Effect of the method of performing the rosette formation reaction on the relation between rosette-forming lymphocytes and neutrophils] Avdeeva VS, et al. **Lab Delo** 1984;(10):611-4 (Eng. Abstr.) **(Rus)**

[Loading tests in rosette formation] Poniakina ID. **Lab Delo** 1984;(10):606-9 **(Rus)**

[A specific rosette formation method in assessing the immunological status of acute leukemia patients] Moroz IA. **Vopr Onkol** 1985;31(7):76-9 (Eng. Abstr.) **(Rus)**

ROSS RIVER VIRUS see under **ALPHAVIRUSES**

ROTATION

Rotational vertebral artery occlusion at C1-C2. Yang PJ, et al. **AJNR** 1985 Jan-Feb;6(1):96-100

The puzzle of growth rotation. Dibbets JM. **Am J Orthod** 1985 Jun;87(6):473-80

Origin of eye movements induced by high frequency rotation of the head. Vercher JL, et al. **Aviat Space Environ Med** 1984 Nov;55(11):1046-50

Effects of whole-body rotation on masseteric motoneuron excitability. Hickenbottom RS, et al. **Exp Neurol** 1985 Aug; 89(2):442-53

Principles of measurement of vertebral rotation from frontal projections of the pedicles. Drerup B. **J Biomech** 1984; 17(12):923-35

Microsecond rotational motions of eosin-labeled myosin measured by time-resolved anisotropy of absorption and phosphorescence. Eads TM, et al. **J Mol Biol** 1984 Oct 15;179(1):55-81

Comparison of the adaptation time constants of the vestibulo-ocular reflex and of the sensation of rotation during sinusoidal stimulation. Rodenburg M, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(3):158-66

The effects of pH and agitation on platelet preservation. Bannai M, et al. **Transfusion** 1985 Jan-Feb;25(1):57-9

[Value of the rotation test in acute unilateral vestibular disorders] Eichhorn T, et al. **HNO** 1985 Jun;33(6):255-61 (Eng. Abstr.) **(Ger)**

[Compensatory vestibular performance and rotation perception] Moser M. **Laryngol Rhinol Otol (Stuttg)** 1985 Feb;64(2):73-5 (Eng. Abstr.) **(Ger)**

[Effect of experimental motion sickness on postrotatory nystagmus and the illusion of counterrotation] Aizikov GS, et al. **Kosm Biol Aviakosm Med** 1985 Mar-Apr;19(2):89-91 **(Rus)**

[Chromosome aberrations in Crepis capillaris after gamma-irradiation and clinostatism] Parfenov GP, et al. **Kosm Biol Aviakosm Med** 1984 Sep-Oct;18(5):68-71 (Eng. Abstr.) **(Rus)**

[Effect of rotation and vibration on orientation in man in relation to the gravitational vertical] Vorob'ev OA, et al. **Kosm Biol Aviakosm Med** 1985 Jan-Feb;19(1):24-8 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Experimental motion sickness induced in squirrel monkeys by continuous off-axis horizontal rotation. Wilpizeski CR, et al. **Am J Otolaryngol** 1985 Jan-Feb;6(1):1-22

A study of rotational brain injury. Misra JC, et al. **J Biomech** 1984;17(7):459-66

ROTAVIRUS INFECTIONS

A probable case of rotavirus exanthem. Ruzicka T, et al. **Arch Dermatol** 1985 Feb;121(2):253-4

Viral gastroenteritis. Broor S, et al. **Indian J Gastroenterol** 1984 Oct;3(4):225-9 (47 ref.)

Rotavirus infection and otitis media [letter] Hadziselimovic F, et al. **Infection** 1984 Jul-Aug;12(4):296

Evidence that a novel rotavirus-like agent of rats can cause gastroenteritis in man. Eiden J, et al. **Lancet** 1985 Jul 6; 2(8445):8-11

Rotavirus infection in children presenting with acute gastroenteritis Ibadan, Nigeria. Fagbami AH, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):114-5

[Rotavirus and acute gastroenteritis in children] Gueddana N, et al. **Tunis Med** 1984 Jan-Feb;62(1):37-41 (Eng. Abstr.) **(Fre)**

[Virology of rotaviruses and the epidemiology of diarrhea caused by rotaviruses] Simhon A. **Bol Of Sanit Panam** 1985 Apr;98(4):295-310 (Eng. Abstr.) **(Spa)**

[Prevalence and characteristics of rotavirus infection in children with gastroenteritis in the city of Puebla] Juárez-Figueroa L, et al. **Rev Invest Clin** 1984 Oct-Dec; 36(4):327-31 (Eng. Abstr.) **(Spa)**

COMPLICATIONS

Acute diarrhoea and rotavirus infections in young children in Kuwait. Sethi SK, et al. **Ann Trop Paediatr** 1984 Jun; 4(2):117-21

Synergistic rotavirus and Escherichia coli diarrheal infection of mice. Newsome PM, et al. **Infect Immun** 1985 Feb; 47(2):573-4

Viral diarrhea. Hamilton JR. **Pediatr Ann** 1985 Jan;14(1):25-8

Effect of malnutrition on rotavirus infection in suckling mice: kinetics of early infection. Offor E, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):85-90

Role of rotavirus as the cause of acute paediatric diarrhoea in Calcutta. Saha MR, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):818-20

[Vomiting as a clinical indicator of diarrhea caused by rotaviruses] Vega-Franco L, et al. **Bol Med Hosp Infant Mex** 1985 Mar;42(3):169-74 (Eng. Abstr.) **(Spa)**

[Diarrhea caused by Campylobacter fetus jejuni and other infective agents in children of the rural area of Puriscal, Costa Rica] Vives M, et al. **Rev Biol Trop** 1984 Jun; 32(1):137-43 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Clinical features in hospitalised children with acute gastroenteritis. Does the rotavirus syndrome exist? Hjelt K, et al. **Acta Paediatr Scand** 1985 Jan;74(1):96-101

Evaluation of two commercial kits for rapid detection of human rotavirus in feces: Rotalex, a latex agglutination test and Rotavirus ELISA Kit. Jensen A. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Apr; 93(2):159-60

Comparison of viral RNA electrophoresis and indirect ELISA methods in the diagnosis of human rotavirus infection. Avendaño LF, et al. **Bull Pan Am Health Organ** 1984;18(3):245-9

Detection of human rotavirus by nucleic acid analysis in comparison to enzyme-linked immunoassay and electron microscopy. Selb B, et al. **Eur J Clin Microbiol** 1985 Feb; 4(1):41-5

Enteropathogens colonisation of the jejunum in paediatric diarrhoea. Bhan MK, et al. **Indian J Med Res** 1985 Feb; 81:133-9

Enzyme linked immunosorbent assay (ELISA) for detection of rotavirus in acute gastroenteritis. Nakra SK, et al. **Indian Pediatr** 1984 Jun;21(6):457-62

Epidemiology of rotavirus electropherotypes determined by a simplified diagnostic technique with RNA analysis. Dolan KT, et al. **J Clin Microbiol** 1985 May;21(5):753-8

Clinical features and laboratory diagnosis of rotavirus-associated gastroenteritis in infants and children. Kumar A, et al. **J Diarrhoeal Dis Res** 1984 Sep;2(3):142-6

Rotazyme test in neonates [letter] Pai CH, et al. **J Pediatr** 1985 Feb;106(2):343-4

Rotavirus ELISA test [letter] Rao RS. **J Pediatr** 1984 Nov; 105(5):851-2

Confirmatory testing of Rotazyme results in neonates. Rotbart HA, et al. **J Pediatr** 1985 Aug;107(2):289-92

Diagnosis of rotavirus infection with cloned cDNA copies of viral genome segments. Lin M, et al. **J Virol** 1985 Aug; 55(2):509-12

Detection of rotavirus-specific IgG antibodies by immunoperoxidase assay and enzyme-linked immunosorbent assay. Zentner BS, et al. **J Virol Methods** 1985 Jul;11(3):199-206

Epidemic viral gastroenteritis: detection of rotavirus by enzyme immunoassay. Smith TF. **Mayo Clin Proc** 1985 Mar;60(3):204-5

Rotaviruses infection. Pickering LK. **Pediatr Infect Dis** 1985 May-Jun;4(3 Suppl):S2-6 (47 ref.)

[Rotavirus excretion in infants. Virologic and immunologic aspects] German-Fattal M, et al. **Ann Pharm Fr** 1984; 42(3):227-33 (Eng. Abstr.) **(Fre)**

[Comparison of diagnostic methods in rotavirus infection: immunofluorescence, ELISA and the latex agglutination test] Arista S, et al. **Quad Sclavo Diagn** 1984 Sep; 20(3):258-63 (Eng. Abstr.) **(Ita)**

[Incidence and clinical characteristics of rotavirus infection in children] Vorotyntseva NV, et al. **Pediatriia** 1984 Sep; (9):50-3 **(Rus)**

[Diagnosis of rotavirus infection using coagglutination reactions] Belaia IuA, et al. **Vopr Virusol** 1985 Mar-Apr; 30(2):233-6 **(Rus)**

[Clinico-epidemiologic characteristics of rotavirus gastroenteritis] Nosatenko AI, et al. **Vrach Delo** 1984 Dec; (12):94-6 (Eng. Abstr.) **(Rus)**

[Sensitivity and specificity of rotaphoresis in the diagnosis of diarrhea caused by rotavirus] Vega-Franco L, et al. **Bol Med Hosp Infant Mex** 1984 Dec;41(12):656-60 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Infantile rotavirus enteritis treated with herbal Valeriana jatamansi (VJ). Chen SD, et al. **J Tradit Chin Med** 1984 Dec;4(4):297-300

Treatment of rotavirus infection in tree shrews (Tupaia belangeri yunalis) with herbal Valeriana jatamansi (VJ). Pang QF, et al. **J Tradit Chin Med** 1984 Dec;4(4):301-6

ENZYMOLOGY

Transient hyperphosphatasaemia of infancy following rotavirus infection. Holt PA, et al. **J Infect** 1984 Nov; 9(3):283-5

[Lysozyme in children with acute and chronic inflammatory intestinal diseases] Dick W, et al. **Padiatr Padol** 1985; 20(2):143-50 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Risk factors associated with nosocomial rotavirus infection. Dennehy PH, et al. **Am J Dis Child** 1985 Sep;139(9):935-9

Rotaviral infection and intestinal lactase level [letter] Arya SC. **J Infect Dis** 1984 Nov;150(5):791

FAMILIAL & GENETIC

[Familial cumulation of the incidence of gastroenteritis caused by Rotavirus] Bazsika A, et al. **Orv Hetil** 1985 Jul 7;126(27):1653-5 (Eng. Abstr.) **(Hun)**

IMMUNOLOGY

Seroepidemiological study of rotavirus infection in rural Ghana. Biritwum RB, et al. **Ann Trop Paediatr** 1984 Dec; 4(4):237-40

Prevalence of rotavirus antibody in Bangkok metropolis 1982. Jayavasu C, et al. **J Diarrhoeal Dis Res** 1983 Mar;1(1):29-31

Rotaviruses and immunobiological failures [letter] Arya SC. **J Infect Dis** 1985 Mar;151(3):569

Evidence of immunity induced by naturally acquired rotavirus and Norwalk virus infection on two remote Panamanian islands. Ryder RW, et al. **J Infect Dis** 1985 Jan;151(1):99-105

Anamnestic response in fecal IgA antibody production after rotaviral infection of infants. Yamaguchi H, et al. **J Infect Dis** 1985 Aug;152(2):398-400

Faecal and pharyngeal shedding of rotavirus and rotavirus IgA in children with diarrhoea. Stals F, et al. **J Med Virol** 1984;14(4):333-9

Intestinal and serum immune response to a naturally acquired rotavirus gastroenteritis in children. Hjelt K, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb;4(1):60-6

Development of resistance of enterocytes to rotavirus in neonatal, agammaglobulinemic piglets. Kirstein CG, et al. **J Virol** 1985 Sep;55(3):567-73

Specific IgA antibody in nasal washes from patients with rotavirus infection. Shinozaki T, et al. **Pediatr Infect Dis** 1985 May-Jun;4(3):299-300

[Counterimmunoelectrophoresis and complement fixation in the seroepidemiology of rotaviruses] Cherchi GB, et al. **Nuovi Ann Ig Microbiol** 1983 Jul-Aug;34(4):287-94 (Eng. Abstr.) **(Ita)**

[Antirotavirus IgA antibody in nasal washes] Shinozaki T, et al. **Uirusu** 1984 Dec;34(2):125-6 **(Jpn)**

[Seroepidemiologic study of rotaviruses in Venezuelan children. Relationship between maternal lactation and seropositivity] Hernández-Henríquez H, et al. **Bol Med Hosp Infant Mex** 1984 Nov;41(11):580-4 (Eng. Abstr.) **(Spa)**

METABOLISM

Pathogenesis of rotavirus-induced diarrhea. Preliminary studies in miniature swine piglet. Graham DY, et al. **Dig Dis Sci** 1984 Nov;29(11):1028-35

Studies of stools from pseudomembranous colitis, rotaviral, and other diarrheal syndromes by frequency-pulsed electron capture gas-liquid chromatography. Brooks JB, et al. **J Clin Microbiol** 1984 Sep;20(3):549-60

MICROBIOLOGY

Isolation from faecal specimens of new strains of human rotavirus primarily cytopathic for stationary cell cultures without trypsin. Aglianó AM, et al. **Arch Virol** 1985; 84(1-2):119-27

Serotypic characterization of rotaviruses derived from asymptomatic human neonatal infections. Hoshino Y, et al. **J Clin Microbiol** 1985 Mar;21(3):425-30

Human rotavirus-like particles in a hepatic abscess. Grunow JE, et al. **J Pediatr** 1985 Jan;106(1):73-6

Planar lattices in faeces of babies [letter] Moura Nunes JF, et al. **Lancet** 1984 Nov 24;2(8413):1218-9

Isolation of human rotaviruses with a distinct RNA electrophoretic pattern from Indonesia. Hasegawa A, et al. **Microbiol Immunol** 1984;28(6):719-22

Influence of rotaviral diarrhea on intestinal microflora establishment in conventional and axenic mice. Corthier G, et al. **Prog Clin Biol Res** 1985;181:179-81

Influence of rotaviral diarrhea on some bacterial functions in the intestine of conventional mice. Moreau C, et al. **Prog Clin Biol Res** 1985;181:183-5

[Comparative studies on the rotavirus syndrome following infection with human rotavirus of the subgroup 1 or 2] Lindenschmidt EG, et al. **Monatsschr Kinderheilkd** 1984 Sep;132(9):654-60 (Eng. Abstr.) **(Ger)**

[Detection of rotavirus in patients with malabsorption] Fiehring C, et al. **Nahrung** 1984;28(6-7):679-81 (Eng. Abstr.) **(Ger)**

[Viral gastroenteritis: serological characteristics and molecular epidemiology of human rotavirus] Konno T. **Rinsho Byori** 1985 Feb;33(2):129-35 (25 ref.) **(Jpn)**

[Detection of rotavirus in the feces of children with diarrhea] Galko NV, et al. **Vopr Virusol** 1984 Sep-Oct;29(5):596-9 (Eng. Abstr.) **(Rus)**

OCCURRENCE

Nosocomial acute gastroenteritis in a paediatric department, with special reference to rotavirus infections. Hjelt K, et al. **Acta Paediatr Scand** 1985 Jan;74(1):89-95

Rotavirus infections among the staff of a general paediatric department. Hjelt K, et al. **Acta Paediatr Scand** 1985 Jul; 74(4):617-8

Waterborne disease in Colorado: three years' surveillance and 18 outbreaks. Hopkins RS, et al. **Am J Public Health** 1985 Mar;75(3):254-7

Fecal rotaviruses, adenoviruses, coronavirus-like particles, and small round viruses in a cohort of rural Costa Rican children. Simhon A, et al. **Am J Trop Med Hyg** 1985 Sep; 34(5):931-6

Epidemiological aspects of rotavirus infection in young Gambian children. Rowland MG, et al. **Ann Trop Paediatr** 1985 Mar;5(1):23-8

Outbreak of rotavirus gastroenteritis in a James Bay Cree community. Robinson EJ, et al. **Can J Public Health** 1985 Jan-Feb;76(1):21-4

Rotavirus infection in children with diarrhoea admitted to a general hospital in Metro Toronto. Spence L, et al. **Can J Public Health** 1985 Jan-Feb;76(1):17-20

Comparison of three enzyme-linked immunosorbent assays suitable for the detection of antibodies to rotaviruses in epidemiological studies. Angarano G, et al. **Eur J Clin Microbiol** 1984 Dec;3(6):516-20

Epidemiology of rotavirus gastroenteritis in infants from the area of Bochum as revealed by electrophoresis of genome RNA. Houly C, et al. **Eur J Pediatr** 1984 Dec;143(2):128-32

Prevalence of rotavirus infection among neonates in Calcutta. Saha MR, et al. **Indian J Med Res** 1984 Dec;80:620-2

Rotavirus infection in normal nursery: epidemic and surveillance. Srinivasan G, et al. **Infect Control** 1984 Oct; 5(10):478-81

Asymptomatic rotavirus infections in day care centers. Barrón-Romero BL, et al. **J Clin Microbiol** 1985 Jul; 22(1):116-8

Age distribution and seasonal pattern of rotavirus infection in children in Kenya. Mutanda LN, et al. **J Diarrhoeal Dis Res** 1984 Sep;2(3):147-50

A study of rotavirus diarrhoea in children in a north Indian community. Panigrahi D, et al. **J Diarrhoeal Dis Res** 1985 Mar;3(1):20-3

A report of a fulminating presence of rotaviral enteritis. Ye XL, et al. **J Diarrhoeal Dis Res** 1984 Sep;2(3):173

Rotavirus infections in high-risk neonates. Walther FJ, et al. **J Hosp Infect** 1984 Dec;5(4):438-43

Rotavirus shedding by newborn children. Perez-Schael I, et al. **J Med Virol** 1984;14(2):127-36

Rotavirus prevalence and relationships with climatological factors in Gabon, Africa. Sitbon M, et al. **J Med Virol** 1985 Jun;16(2):177-82

Human rotavirus infection in Malaysia. II. A study on the influence of living standard on the prevalence of rotavirus-associated gastroenteritis in children hospitalized with diarrhoea. Yap KL, et al. **J Trop Pediatr** 1984 Oct; 30(5):269-71

Seroepidemiology of adult rotavirus [letter] Hung T, et al. **Lancet** 1985 Aug 10;2(8450):325-6

Rotavirus gastroenteritis in Medan (Part four). Razali A, et al. **Paediatr Indones** 1984 Jul-Aug;24(7-8):145-52

Rotavirus electrophoretypes in infantile gastro-enteritis. An epidemiological study. Lourenco MH, et al. **Pathol Biol (Paris)** 1985 Feb;33(2):93-7

Nosocomial rotavirus infections in a South African hospital nursery for white infants. Oelofsen MJ, et al. **S Afr Med J** 1985 Sep 14;68(6):394-6

Rotavirus in pediatric diarrhoea at Siriraj Hospital, Bangkok, Thailand. Louisirirotchanakul S, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep; 15(3):348-53

[Sero-epidemiologic study of rotavirus infection] Shi HD. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Apr; 6(2):85-7 (Eng. Abstr.) **(Chi)**

[Rotavirus and infantile gastroenteritis in New Caledonia] Panon G, et al. **Bull Soc Pathol Exot Filiales** 1984 May-Jun; 77(3):263-70 (Eng. Abstr.) **(Fre)**

[Rotavirus infections in newborn infants] Braito A, et al. **Minerva Pediatr** 1985 Feb 15;37(3):109-12 (Eng. Abstr.) **(Ita)**

[Seroepidemiology of rotavirus in a population of children. Goiânia, Goiás, Brazil] Ishak R, et al. **Rev Inst Med Trop Sao Paulo** 1984 Sep-Oct;26(5):280-4 (Eng. Abstr.) **(Por)**

[Rotavirus and other enteropathogens in the etiology of acute diarrhea in Medellín, Colombia, 1982] Trujillo H, et al. **Bol Of Sanit Panam** 1985 Mar;98(3):251-60 (Eng. Abstr.) **(Spa)**

[Incidence and types of rotavirus in relation to the age of the patients and different times of the year] Alvarez-Muñoz MT, et al. **Gac Med Mex** 1983 Aug;119(8):330-3 **(Spa)**

[Rotavirus infection in children of 2 cities of the state of Chiapas, Mexico] Escárzaga E, et al. **Rev Latinoam Microbiol** 1984 Jan-Mar;26(1):39-45 (Eng. Abstr.) **(Spa)**

[Rotavirus gastroenteritis in children] Uhnoo I. **Nord Med** 1985;100(6-7):184-6 (Eng. Abstr.) **(Swe)**

PHYSIOPATHOLOGY

Acute infections with Giardia lamblia and rotavirus decrease intestinal permeability to low-molecular weight polyethylene glycols (PEG 400). Serrander R, et al. **Scand J Infect Dis** 1984;16(4):339-44

PREVENTION & CONTROL

A bovine rotavirus developed as a candidate vaccine for use in humans. Delem A, et al. **J Biol Stand** 1984 Oct; 12(4):443-5

Protection against rotavirus-induced gastroenteritis in a murine model by passively acquired gastrointestinal but not circulating antibodies. Offit PA, et al. **J Virol** 1985 Apr;53(4):58-64

RADIOGRAPHY

The radiographic findings in severe rotavirus-induced colitis. Fernbach SK, et al. **J Can Assoc Radiol** 1984 Jun; 35(2):192-4

THERAPY

Clinical efficacy of the RIT 4237 live attenuated bovine rotavirus vaccine in infants vaccinated before a rotavirus epidemic. Vesikari T, et al. **J Pediatr** 1985 Aug; 107(2):189-94

TRANSMISSION

Comparative study of rotavirus strains of bovine and rabbit origin. Castrucci G, et al. **Comp Immunol Microbiol Infect Dis** 1984;7(3-4):171-8

Rotavirus infection in a small community. Holdaway MD, et al. **J Med Virol** 1985 Apr;15(4):389-98

VETERINARY

Pathogenesis and immunoprophylaxis of bovine rotavirus infection. Bürki F. **Acta Microbiol Hung** 1984;31(3):213-21

Comparison of a commercial enzyme-linked immunosorbent assay with electron microscopy, fluorescent antibody, and virus isolation for the detection of bovine and porcine rotavirus. Benfield DA, et al. **Am J Vet Res** 1984 Oct; 45(10):1998-2002

Interferon response in colostrum-deprived newborn calves infected with bovine rotavirus: its possible role in the control of the pathogenicity. Vanden Broecke C, et al. **Ann Rech Vet** 1984;15(1):29-34

Isolation and characterization of cytopathic strains of rotavirus from rabbits. Brief report. Castrucci G, et al. **Arch Virol** 1985;83(1-2):99-104

Experimental infection of broiler chickens with rotavirus. Meulemans G, et al. **Br Vet J** 1985 Jan-Feb;141(1):69-73

A field trial to evaluate the efficacy of a combined rotavirus-coronavirus/Escherichia coli vaccine in dairy cattle. Waltner-Toews D, et al. **Can J Comp Med** 1985 Jan;49(1):1-9

A serologic survey of bovine rotavirus infection in Italy. McKercher DG, et al. **Comp Immunol Microbiol Infect Dis** 1984;7(3-4):165-9

Distinct rotaviruses isolated from asymptomatic calves. Dea S, et al. **Cornell Vet** 1985 Apr;75(2):307-18

Porcine rotavirus-like virus (group B rotavirus): characterization and pathogenicity for gnotobiotic pigs. Theil KW, et al. **J Clin Microbiol** 1985 Mar;21(3):340-5

A case of neonatal calf diarrhea associated with natural infection with rotavirus. Hiruma M, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):517-21

A serological survey on rotavirus infection in dogs by immune adherence hemagglutination test. Sugiyama M, et al. **Nippon Juigaku Zasshi** 1984 Oct;46(5):767-9

Bovine cryptosporidiosis in Denmark. 2. Cryptosporidia associated with neonatal calf diarrhea. Krogh HV, et al. **Nord Vet Med** 1985 Jan-Feb;37(1):42-7

Pathology of natural rotavirus infection in clinically normal calves. Reynolds DJ, et al. **Res Vet Sci** 1985 May; 38(3):264-9

The commonest rotaviruses from neonatal lamb diarrhoea in England and Wales have atypical electropherotypes. Chasey D, et al. **Vet Rec** 1984 Sep 29;115(13):326-7

Rotavirus infection in pheasant poults. Gough RE, et al. **Vet Rec** 1985 Mar 16;116(11):295

Rotavirus infections in conventional pigs: kinetics excretion in faeces of rotavirus antigens, antibodies and immune complexes by pigs from birth up to three month of age. Bernard S, et al. **Zentralbl Veterinarmed [B]** 1985 Apr; 32(4):306-15

Laboratory experiments on oral vaccination of calves against rotavirus or coronavirus induced diarrhoea. de Leeuw PW, et al. **Zentralbl Veterinarmed [B]** 1985 Jan;32(1):55-64

Synergism in experimental mixed infections of newborn colostrum-deprived calves with bovine rotavirus and enterotoxigenic Escherichia coli (ETEC). Hess RG, et al. **Zentralbl Veterinarmed [B]** 1984 Sep;31(8):585-96

Experimental diarrhoea in lambs. Wray C, et al. **Zentralbl Veterinarmed [B]** 1984 Jun;31(5):381-90

[Immunofluorescent diagnosis of rota-, corona- and pestivirus infections in calves] Mitov B, et al. **Vet Med Nauki** 1984;21(9):12-20 (Eng. Abstr.) **(Bul)**

[Experimental infection of fattening swine with rotavirus: study of local immunity using coproantibodies] Bernard S, et al. **Ann Rech Vet** 1984;15(3):425-36 (Eng. Abstr.) **(Fre)**

[Light and electron microscopic studies of experimental and spontaneous rotavirus infection in calves] Johannsen U, et al. **Arch Exp Veterinarmed** 1984 Sep;38(5):629-48 (Eng. Abstr.) **(Ger)**

[The submucous plexus (Meissner) in the calf. II. Light and electron microscopic study following monoinfection or mixed infection with rotaviruses and enterotoxic E. coli] Mannl A, et al. **Zentralbl Veterinarmed [A]** 1985 Jun; 32(6):467-79 (Eng. Abstr.) **(Ger)**

[Experimental rotavirus infection in a newborn calf] Linhares AC, et al. **Rev Latinoam Microbiol** 1984 Jan-Mar; 26(1):15-20 (Eng. Abstr.) **(Por)**

ROTAVIRUSES

Detection of human rotavirus by nucleic acid analysis in comparison to enzyme-linked immunoassay and electron microscopy. Selb B, et al. **Eur J Clin Microbiol** 1985 Feb; 4(1):41-5

Detection of rotavirus by a latex agglutination test, Rotalex: comparison with electron microscopy, immunofluorescence, polyacrylamide gel electrophoresis, and enzyme linked immunosorbent assay. Moosai RB, et al. **J Clin Pathol** 1985 Jun;38(6):694-700

[New developments in Rotavirus research (editorial)] Kohn A. **Harefuah** 1984 Oct;107(7-8):208-10 **(Heb)**

ANALYSIS

Biochemical evidence for the oligomeric (possibly trimeric) structure of the major inner capsid polypeptide (45K) of rotaviruses. Gorziglia M, et al. **J Gen Virol** 1985 Sep;66 (Pt 9):1889-900

Identification of an outer capsid glycoprotein of human rotavirus by concanavalin A. Svensson L. **J Gen Virol** 1984 Dec;65 (Pt 12):2183-90

A rapid screening assay for detecting individual RNA species in field isolates of rotaviruses. Pedley S, et al. **J Virol Methods** 1984 Oct;9(2):173-81

Rise per base pair in helices of double-stranded rotavirus RNA determined by electron microscopy. Taylor P, et al. **Virus Res** 1985 Mar;2(2):175-82

CLASSIFICATION

Serotypic characterization of rotaviruses derived from asymptomatic human neonatal infections. Hoshino Y, et al. **J Clin Microbiol** 1985 Mar;21(3):425-30

Specific enzyme-linked immunoassay for rotavirus serotypes 1 and 3. Shaw RD, et al. **J Clin Microbiol** 1985 Aug; 22(2):286-91

Bovine rotavirus serotypes and their significance for immunization. Snodgrass DR, et al. **J Clin Microbiol** 1984 Sep;20(3):342-6

A cryptogram for recording rotavirus strains: the Rotacode. Moosai RB, et al. **J Hyg (Lond)** 1984 Oct;93(2):237-49

A candidate for a new serotype of human rotavirus. Matsuno S, et al. **J Virol** 1985 May;54(2):623-4

Enzyme immunoassay for subgrouping human rotaviruses using monoclonal antibodies. Nakagomi O, et al. **Tohoku J Exp Med** 1984 Sep;144(1):105-6

The commonest rotaviruses from neonatal lamb diarrhoea in England and Wales have atypical electropherotypes. Chasey D, et al. **Vet Rec** 1984 Sep 29;115(13):326-7

[Viral gastroenteritis: serological characteristics and molecular epidemiology of human rotavirus] Konno T. **Rinsho Byori** 1985 Feb;33(2):129-35 (25 ref.) **(Jpn)**

DRUG EFFECTS

In vitro activities of bismuth salts against rotaviruses and other enteric viruses. Ward RL, et al. **Antimicrob Agents Chemother** 1985 Mar;27(3):306-8

Inactivation of simian rotavirus SA11 by chlorine, chlorine dioxide, and monochloramine. Berman D, et al. **Appl Environ Microbiol** 1984 Aug;48(2):317-23

GENETICS

Characteristics of an SA 11 rotavirus variant differing in the outer capsid glycoprotein. Schnagl RD, et al. **Aust J Exp Biol Med Sci** 1985 Apr;63 (Pt 2):205-17

Epidemiology of rotavirus gastroenteritis in infants from the area of Bochum as revealed by electrophoresis of genome RNA. Houly C, et al. **Eur J Pediatr** 1984 Dec;143(2):128-32

Diagnosis of rotavirus infection with cloned cDNA copies of viral genome segments. Lin M, et al. **J Virol** 1985 Aug; 55(2):509-12

Reassortant rotaviruses as potential live rotavirus vaccine candidates. Midthun K, et al. **J Virol** 1985 Mar;53(3):949-54

Effect of S-adenosylmethionine on human rotavirus RNA synthesis. Spencer E, et al. **J Virol** 1984 Oct;52(1):188-97

Cloning of bovine rotavirus (RF strain): nucleotide sequence of the gene coding for the major capsid protein. Cohen J, et al. **Virology** 1984 Oct 15;138(1):178-82

Study of genetic reassortment between two human rotaviruses. Garbarg-Chenon A, et al. **Virology** 1984 Dec; 139(2):358-65

The molecular biology of rotaviruses. VII. Detailed structural analysis of gene 10 of bovine rotavirus. Baybutt HN, et al. **Virus Res** 1984 Oct;1(7):533-41

Sequence of the serotype-specific glycoprotein of the human rotavirus Wa strain and comparison with other human rotavirus serotypes. Mason BB, et al. **Virus Res** 1985 Jun; 2(4):291-9

GROWTH & DEVELOPMENT

Comparison of the airborne survival of calf rotavirus and poliovirus type 1 (Sabin) aerosolized as a mixture. Ijaz MK, et al. **Appl Environ Microbiol** 1985 Feb;49(2):289-93

Long-term survival of human rotavirus in raw and treated river water. Raphael RA, et al. **Can J Microbiol** 1985 Feb; 31(2):124-8

Comparative study of rotavirus strains of bovine and rabbit origin. Castrucci G, et al. **Comp Immunol Microbiol Infect Dis** 1984;7(3-4):171-8

An attempt to cultivate human rotavirus in human leukocytes culture (preliminary report). Nozawa CM, et al. **Rev Inst Med Trop Sao Paulo** 1984 Jul-Aug;26(4):228-9

Studies on the growth of bovine rotavirus in cell cultures. Butchaiah G, et al. **Zentralbl Veterinarmed [B]** 1984 Dec; 31(10):760-9

IMMUNOLOGY

Serologic survey of rotavirus, Norwalk agent and Prototheca wickerhamii in wastewater workers. Clark CS, et al. **Am J Public Health** 1985 Jan;75(1):83-5

Seroepidemiological study of rotavirus infection in rural Ghana. Biritwum RB, et al. **Ann Trop Paediatr** 1984 Dec; 4(4):237-40

Prevalence of rotavirus and coronavirus antigens in the feces of normal cows. Crouch CF, et al. **Can J Comp Med** 1984 Jul;48(3):340-2

Comparison of three enzyme-linked immunosorbent assays suitable for the detection of antibodies to rotaviruses in epidemiological studies. Angarano G, et al. **Eur J Clin Microbiol** 1984 Dec;3(6):516-20

A bovine rotavirus developed as a candidate vaccine for use in humans. Delem A, et al. **J Biol Stand** 1984 Oct; 12(4):443-5

Latex immunoassay for rapid detection of rotavirus. Hughes JH, et al. **J Clin Microbiol** 1984 Sep;20(3):441-7

Rotavirus-specific antibodies in fetal bovine serum and commercial preparations of serum albumin. Offit PA, et al. **J Clin Microbiol** 1984 Aug;20(2):266-70

Antigenic variation in Latin American human pararotaviruses (a typical rotaviruses) [letter] Puerto Manzano F, et al. **J Clin Pathol** 1984 Dec;37(12):1416-7

Prevalence of rotavirus antibody in Bangkok metropolis 1982. Jayavasu C, et al. **J Diarrhoeal Dis Res** 1983 Mar;1(1):29-31

Preparation and characterization of neutralizing monoclonal antibodies with different reactivity patterns to human rotaviruses. Taniguchi K, et al. **J Gen Virol** 1985 May;66 (Pt 5):1045-53

Comparison of the rotazyme assay with an avidin-biotin-amplified dot-immunobinding assay for detecting rotaviruses [letter] Reynolds D, et al. **J Infect Dis** 1985 Sep;152(3):647-8

Anamnestic response in fecal IgA antibody production after rotaviral infection of infants. Yamaguchi H, et al. **J Infect Dis** 1985 Aug;152(2):398-400

Production of subgroup-specific monoclonal antibodies against human rotaviruses and their application to an enzyme-linked immunosorbent assay for subgroup determination. Taniguchi K, et al. **J Med Virol** 1984; 14(2):115-25

Rotavirus antibodies in the mother and her breast-fed infant. Hjelt K, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun; 4(3):414-20

Neutralizing monoclonal antibodies to human rotavirus and indications of antigenic drift among strains from neonates. Coulson BS, et al. **J Virol** 1985 Apr;53(4):14-20

Rotavirus neutralizing protein VP7: antigenic determinants investigated by sequence analysis and peptide synthesis. Gunn PR, et al. **J Virol** 1985 Jun;54(3):791-7

Demonstration of an immunodominant neutralization site by analysis of antigenic variants of SA11 rotavirus. Lazdins I, et al. **J Virol** 1985 Oct;56(1):317-9

Virus enzyme-linked cell immunoassay (VELCIA): detection and titration of rotavirus antigen and demonstration of rotavirus neutralizing and total antibodies. Grom J, et al. **J Virol Methods** 1985 Feb;10(2):135-44

A combined enzyme immunoassay for rotavirus and adenovirus (EIARA). Pereira HG, et al. **J Virol Methods** 1985 Jan;10(1):21-8

Detection of rotavirus-specific IgG antibodies by immunoperoxidase assay and enzyme-linked immunosorbent assay. Zentner BS, et al. **J Virol Methods** 1985 Jul;11(3):199-206

Antibody to human rotavirus in cow's milk. Yolken RH, et al. **N Engl J Med** 1985 Mar 7;312(10):605-10

A serological survey on rotavirus infection in dogs by immune adherence hemagglutination test. Sugiyama M, et al. **Nippon Juigaku Zasshi** 1984 Oct;46(5):767-9

Prevalence of antibody to typical and atypical rotaviruses in pigs. Bridger JC, et al. **Vet Rec** 1985 Jan 12;116(2):50

Ultrastructural localization of rotavirus antigens using colloidal gold. Petrie BL, et al. **Virus Res** 1984;1(2):133-52

Vaccination of cows with K 99 and rotavirus antigen: potency of K 99 antigen combined with different adjuvants in stimulating milk antibody secretion. Bachmann PA, et al. **Zentralbl Veterinarmed [B]** 1984 Oct;31(9):660-8

Rotavirus infections in conventional pigs: kinetics excretion in faeces of rotavirus antigens, antibodies and immune complexes by pigs from birth up to three month of age. Bernard S, et al. **Zentralbl Veterinarmed [B]** 1985 Apr; 32(4):306--15

[Sero-epidemiologic study of rotavirus infection] Shi HD. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Apr; 6(2):85-7 (Eng. Abstr.) **(Chi)**

[Experimental infection of fattening swine with rotavirus: study of local immunity using coproantibodies] Bernard S, et al. **Ann Rech Vet** 1984;15(3):425-36 (Eng. Abstr.) **(Fre)**

[Antirotavirus IgA antibody in nasal washes] Shinozaki T, et al. **Uirusu** 1984 Dec;34(2):125-6 **(Jpn)**

[Seroepidemiology of rotavirus in a population of children, Goiânia, Goiás, Brazil] Ishak R, et al. **Rev Inst Med Trop Sao Paulo** 1984 Sep-Oct;26(5):280-4 (Eng. Abstr.) **(Por)**

ISOLATION & PURIFICATION

Evaluation of two commercial kits for rapid detection of human rotavirus in feces: Rotalex, a latex agglutination test and Rotavirus ELISA Kit. Jensen A. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Apr; 93(2):159-60

Comparison of a commercial enzyme-linked immunosorbent assay with electron microscopy, fluorescent antibody, and virus isolation for the detection of bovine and porcine rotavirus. Benfield DA, et al. **Am J Vet Res** 1984 Oct; 45(10):1998-2002

Isolation of enteroviruses from water, suspended solids, and sediments from Galveston Bay: survival of poliovirus and rotavirus adsorbed to sediments. Rao VC, et al. **Appl Environ Microbiol** 1984 Aug;48(2):404-9

Isolation from faecal specimens of new strains of human rotavirus primarily cytopathic for stationary cell cultures without trypsin. Aglianó AM, et al. **Arch Virol** 1985; 84(1-2):119-27

Isolation and characterization of cytopathic strains of rotavirus from rabbits. Brief report. Castrucci G, et al. **Arch Virol** 1985;83(1-2):99-104

Isolation of ovine rotavirus in cell cultures. Brief report. Makabe T, et al. **Arch Virol** 1985;83(1-2):123-7

Isolation of murine rotavirus in cell cultures. Brief report. Tajima T, et al. **Arch Virol** 1984;82(1-2):119-23

Isolation and characterization of avian rotaviruses. Yason CV, et al. **Avian Dis** 1985 Apr-Jun;29(2):499-508

Comparative study of bovine rotavirus isolates by plaque assay. Archambault D, et al. **Can J Comp Med** 1984 Jul; 48(3):286-9

Distinct rotaviruses isolated from asymptomatic calves. Dea S, et al. **Cornell Vet** 1985 Apr;75(2):307-18

Evaluation of four tests for detecting human rotavirus in feces [letter] Shinozaki T, et al. **Eur J Pediatr** 1985 Jan;143(3):238

Radioimmunofocus assay for detection and quantitation of human rotavirus. Liu S, et al. **J Clin Microbiol** 1984 Sep; 20(3):347-50

Direct appraisal of latex agglutination testing, a convenient alternative to enzyme immunoassay for the detection of rotavirus in childhood gastroenteritis, by comparison of two enzyme immunoassays and two latex tests. Sambourg M, et al. **J Clin Microbiol** 1985 Apr;21(4):622-5

In vitro detection of porcine rotavirus-like virus (group B rotavirus) and its antibody. Theil KW, et al. **J Clin Microbiol** 1985 May;21(5):844-6

Three-year prospective study of intestinal pathogens in Madrid, Spain. Velasco AC, et al. **J Clin Microbiol** 1984 Aug;20(2):290-2

Rapid detection of enteric adenovirus and rotavirus: a simple method using polyacrylamide gel electrophoresis. Moosai RB, et al. **J Clin Pathol** 1984 Dec;37(12):1404-8

Coliform numbers in the stomach and small intestine of healthy pigs following weaning at three weeks of age. Hampson DJ, et al. **J Comp Pathol** 1985 Jul;95(3):353-62

The detection of rotaviruses in products of wastewater treatment. Bates J, et al. **J Hyg (Lond)** 1984 Dec; 93(3):639-43

Rotavirus in children [letter] Burke V, et al. **J Infect Dis** 1985 Sep;152(3):646-7

Detection of rotaviruses by nucleic acid hybridization with cloned DNA of simian rotavirus SA11 genes. Dimitrov DH, et al. **J Infect Dis** 1985 Aug;152(2):293-300

Rotavirus shedding by newborn children. Perez-Schael I, et al. **J Med Virol** 1984;14(2):127-36

Rotavirus prevalence and relationships with climatological factors in Gabon, Africa. Sitbon M, et al. **J Med Virol** 1985 Jun;16(2):177-82

Human rotavirus-like particles in a hepatic abscess. Grunow JE, et al. **J Pediatr** 1985 Jan;106(1):73-6

Rotavirus concentration from raw water using positively charged filters. Raphael RA, et al. **J Virol Methods** 1985 Jun;11(2):131-40

Isolation of human rotaviruses with a distinct RNA electrophoretic pattern from Indonesia. Hasegawa A, et al. **Microbiol Immunol** 1984;28(6):719-22

Isolation of a rotavirus from canine diarrheal feces. Mochizuki M, et al. **Nippon Juigaku Zasshi** 1984 Dec; 46(6):905-8

'Enveloped' rotavirus particles detected in culture fluid. Suzuki H, et al. **Tohoku J Exp Med** 1984 Nov;144(3):329-30

Preliminary evaluation of the ELISA as a tool for the detection of rotaviruses in activated sewage sludge. Agbalika F, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 May; 180(5-6):534-9

[Rotavirus excretion in infants. Virologic and immunologic aspects] German-Fattal M, et al. **Ann Pharm Fr** 1984; 42(3):227-33 (Eng. Abstr.) **(Fre)**

[Virologic and immunologic studies on rotavirus excretion in children] German A, et al. **Bull Acad Natl Med (Paris)** 1984 Jan-Feb;168(1-2):243-8 (Eng. Abstr.) **(Fre)**

[Comparison of diagnostic methods in rotavirus infection: immunofluorescence, ELISA and the latex agglutination test] Arista S, et al. **Quad Sclavo Diagn** 1984 Sep; 20(3):258-63 (Eng. Abstr.) **(Ita)**

[Epidemiologic and electron microscopic study of viral gastroenteritis in Kagawa Prefecture, Japan, revealed three distinct causative agent groups] Yamanishi S. **Kansenshogaku Zasshi** 1984 Aug;58(8):774-83 (Eng. Abstr.) **(Jpn)**

[Viral diarrhea] Ikegami N, et al. **Rinsho Byori** 1984 Jul; 32(7):715-25 (49 ref.) **(Jpn)**

[Detection of rotavirus in the feces of children with diarrhea] Galko NV, et al. **Vopr Virusol** 1984 Sep-Oct;29(5):596-9 (Eng. Abstr.) **(Rus)**

[Human rotavirus persistence] Körting HJ, et al. **Vopr Virusol** 1984 Nov-Dec;29(6):715-7 (Eng. Abstr.) **(Rus)**

[Frequency of enteropathogenic micro-organisms isolated in children with and without acute diarrhea] Alvarado-Alemán F, et al. **Bol Med Hosp Infant Mex** 1985 Jun;42(6):354-9 (Eng. Abstr.) **(Spa)**

[Incidence and types of rotavirus in relation to the age of the patients and different times of the year] Alvarez-Muñoz MT, et al. **Gac Med Mex** 1983 Aug;119(8):330-3 **(Spa)**

PATHOGENICITY

Pathogenesis and immunoprophylaxis of bovine rotavirus infection. Bürki F. **Acta Microbiol Hung** 1984;31(3):213-21

Interferon response in colostrum-deprived newborn calves infected with bovine rotavirus: its possible role in the control of the pathogenicity. Vanden Broecke C, et al. **Ann Rech Vet** 1984;15(1):29-34

Two modes of human rotavirus entry into MA 104 cells. Suzuki H, et al. **Arch Virol** 1985;85(1-2):25-34

The neurovirulence of human and animal rotaviruses in cercopithecus monkeys. Delem A, et al. **J Biol Stand** 1985 Apr;13(2):107-14

Porcine rotavirus-like virus (group B rotavirus): characterization and pathogenicity for gnotobiotic pigs. Theil KW, et al. **J Clin Microbiol** 1985 Mar;21(3):340-5

Infectious diarrhea of infant rats produced by a rotavirus-like agent. Vonderfecht SL, et al. **J Virol** 1984 Oct;52(1):94-8

PHYSIOLOGY

Preliminary characterization of an epitope involved in neutralization and cell attachment that is located on the major bovine rotavirus glycoprotein. Sabara M, et al. **J Virol** 1985 Jan;53(1):58-66

[Immunofluorescent study of the reproduction of human rotavirus in cell culture] Ivannikova TA, et al. **Vopr Virusol** 1984 Sep-Oct;29(5):589-92 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Morphological response of human rotavirus to ultra-violet radiation, heat and disinfectants. Rodgers FG, et al. **J Med Microbiol** 1985 Aug;20(1):123-30

Pseudoreplica electron microscopy for the detection of rotavirus: comparison with high-speed centrifugation electron microscopy and ELISA. El-Mekki A, et al. **J Virol Methods** 1984 Aug;9(1):79-85

ROTENONE

ANALOGS & DERIVATIVES

Biotransformations of 1',2'-dihydrorotenone by Streptomyces griseus. Sariaslani FS, et al. **Appl Environ Microbiol** 1985 Feb;49(2):451-2

Photoaffinity labelling of mitochondrial NADH dehydrogenase with arylazidoamorphigenin, an analogue of rotenone. Earley FG, et al. **Biochem J** 1984 Dec 1; 224(2):525-34

High-performance liquid chromatographic analysis of rotenone and rotenonone in water by direct injection. Bushway RJ. **J Chromatogr** 1984 Oct 26;303(1):263-6

ANALYSIS

High-performance liquid chromatographic analysis of rotenone and rotenonone in water by direct injection. Bushway RJ. **J Chromatogr** 1984 Oct 26;303(1):263-6

METABOLISM

Oxidation of rotenone by Polyporus anceps laccase. Sariaslani FS, et al. **J Nat Prod** 1984 Jul-Aug;47(4):692-7

PHARMACODYNAMICS

Inhibition of myocardial rotenone-insensitive NADH cytochrome c reductase by amphiphilic compounds. Kennett FF, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):H889-94

Cytogenetic effects of pesticides. III. Induction of micronuclei in mouse bone marrow by the insecticides cypermethrin and rotenone. Amer SM, et al. **Mutat Res** 1985 Mar;155(3):135-42

ROTIFERA

DRUG EFFECTS

Vitamin E extends lifespan in the short-lived rotifer Asplanchna brightwelli. Sawada M, et al. **Exp Gerontol** 1984;19(3):179-83

GROWTH & DEVELOPMENT

The effect of light, dark or altered circadian cycle on the lifespan of the rotifer Asplanchna brightwelli. Sawada M, et al. **Exp Gerontol** 1984;19(5):335-43

A study of dietary restriction and lifespan in the rotifer Asplanchna brightwelli monitored by chronic neutral red exposure. Sawada M, et al. **Exp Gerontol** 1984;19(5):329-34

RADIATION EFFECTS

Effects of U.V. radiation on the lifespan of the rotifer Asplanchna brightwelli. Sawada M, et al. **Exp Gerontol** 1984;19(5):289-96

Comparison of the radiosensitivity of dry dormant eggs, gemmules, and statoblasts of three invertebrate forms. Shimada A, et al. **J Radiat Res (Tokyo)** 1985 Mar; 26(1):123-30

ROUGHAGE see **DIETARY FIBER**

ROUND LIGAMENT see under **ADNEXA UTERI**

ROUND WINDOW see under **COCHLEA**

ROUS-ASSOCIATED VIRUS see **AVIAN LEUKOS VIRUSES**

ROUS SARCOMA see **AVIAN SARCOMA**

ROUS SARCOMA VIRUS see **AVIAN SARCOMA VIRUSES**

ROUTINE DIAGNOSTIC TESTS see **DIAGNOSTIC TESTS, ROUTINE**

ROWSON-PARR VIRUS see **FRIEND VIRUS**

ROXARSONE see under **ARSENICALS**

RUBBER

Cancer mortality and solvent exposures in the rubber industry. Wilcosky TC, et al. **Am Ind Hyg Assoc J** 1984 Dec;45(12):809-11

Mortality among rubber workers: X. Reclaim workers. Delzell E, et al. **Am J Ind Med** 1985;7(4):307-13

Mortality among rubber workers: VII. Aerospace workers. Delzell E, et al. **Am J Ind Med** 1984;6(4):265-71

Mortality among rubber workers: VIII. Industrial products workers. Delzell E, et al. **Am J Ind Med** 1984;6(4):273-

Percutaneous penetration of benzene in hairless mice: an estimate of dermal absorption during tire-building operations. Susten AS, et al. **Am J Ind Med** 1985; 7(4):323-35

Force degradation of orthodontic elastomeric chains—a product comparison study. De Genova DC, et al. **Am J Orthod** 1985 May;87(5):377-84

Surface modification of polycarbonate with synthetic polyelectrolyte-anticoagulant activity. Sharma CP, et al. **Biomater Med Devices Artif Organs** 1984-85; 12(3-4):215-33

Biostability of medical elastomers: a review. Vondráček P, et al. **Biomaterials** 1984 Jul;5(4):209-14 (32 ref.)

Rubber bands. The unanswered question [letter] Katchis A. **Dis Colon Rectum** 1985 Apr;28(4):286

The rubber dam as a means to isolate contaminated peritoneal defects after colonic resection. Meijer RW, et al. **Dis Colon Rectum** 1984 Nov;27(11):703-6

Three new contaminants detected in postmortem blood samples. Vine J, et al. **J Anal Toxicol** 1984 Nov-Dec 8(6):290-2

Insulation for the electrosurgical tip. Abubaker AO. **J Oral Maxillofac Surg** 1985 May;43(5):393

Glass and rubber closure effects on the pH of water II. A proposed mechanism of interaction. Preston WA, et al. **J Parenter Sci Technol** 1985 Jan-Feb;39(1):28-47

An introduction to phenol formaldehyde resin vulcanizing agents. Preston WA, et al. **J Parenter Sci Technol** 1984 Nov-Dec;38(6):237-45

Accuracy of four types of rubber impression materials compared with time of pour and a repeat pour of models. Johnson GH, et al. **J Prosthet Dent** 1985 Apr;53(4):484-90

Dimensional stability of elastomeric impression materials in custom-made and stock trays. Valderhaug J, et al. **J Prosthet Dent** 1984 Oct;52(4):514-7

Compressive behavior after simulated service conditions of some foamed materials intended as orthotic shoe insoles. Campbell GJ, et al. **J Rehabil Res Dev** 1984 Jul;21(2):57-65

Treadmill made of conducting rubber in gait analysis. Kuer JM, et al. **Med Biol Eng Comput** 1985 Jan;23(1):93-4

Biological monitoring of workers in the rubber industry. II. UV-induced unscheduled DNA synthesis in the lymphocytes of vulcanizers. Benigni R, et al. **Mutat Res** 1984 Oct;138(1):105-11

Biological monitoring of workers in the rubber industry. I. Chromosomal aberrations and sister-chromatid exchanges in lymphocytes of vulcanizers. Degrassi F, et al. **Mutat Res** 1984 Oct;138(1):99-103

In vitro mutagenicity of rubber chemicals and their nitrosation products. Crebelli R, et al. **Toxicol Lett** 1984 Dec;23(3):307-13

Small vessel replacement with elastomeric protein composite materials: preliminary studies. Kambic H, et al. **Trans Am Soc Artif Intern Organs** 1984;30:406-10

[Tying off the umbilical cord with a rubber ring] Glavanakova V, et al. **Akush Ginekol (Sofiia)** 1985; 24(3):23-5 (Eng. Abstr.) **(Bul)**

[Scanning electron microscopic studies of rubber-polished amalgam fillings] Geurtsen W. **Dtsch Zahnarztl Z** 1984 Jul; 39(7):529-31 **(Ger)**

[Qualitative and quantitative determination of bacterial populations in an aquatic environment. 7. Development of bacterial growth on raw materials exposed to potable water] Dott W, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 May; 180(5-6):436-47 (Eng. Abstr.) **(Ger)**

[Can tinnitus in noise-induced hearing loss be objectively evaluated?] Caprioli R, et al. **Med Lav** 1984 Nov-Dec; 75(6):443-9 (Eng. Abstr.) **(Ita)**

[Ergonomic improvement of workplace in the rubber-soled shoe industry] Iacovone MT, et al. **Med Lav** 1984 May-Jun; 75(3):221-35 (Eng. Abstr.) **(Ita)**

[Mutagenicity of organic rubber additives] Ueno S, et al. **Sangyo Igaku** 1984 Mar;26(2):147-54 (Eng. Abstr.) **(Jpn)**

[Complications of operations for retinal detachment using rubber and silicone sponge implants] Iwaszkiewicz E, et al. **Klin Oczna** 1984 Dec;86(12):555–6 (Eng. Abstr.) **(Pol)**

[Effect of a complex of industrial factors of low intensity and monotony on the bodies of students at a technical school] Kruglova II. **Gig Sanit** 1984 Jul;(7):25–8 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Mutagenicity studies in a tyre plant: in vitro activity of workers' urinary concentrates and raw materials. Crebelli R, et al. **Br J Ind Med** 1985 Jul;42(7):481–7

Allergic contact dermatitis from rubber boots. Ho VC, et al. **Contact Dermatitis** 1985 Feb;12(2):110–1

Contact plantar pustulosis. Pecegueiro M, et al. **Contact Dermatitis** 1984 Aug;11(2):126–7

[Assessment of the occupational risk to workers engaged in the manufacture of divinyl-styrene rubber] Stamova N, et al. **Probl Khig** 1984;9:96–106 (Eng. Abstr.) **(Bul)**

[Acid and alkaline phosphatase activity of blood neutrophils in the workers in a synthetic rubber plant] Mamedov AM, et al. **Gig Tr Prof Zabol** 1985 May;(5):31–5 (Eng. Abstr.) **(Rus)**

[Toxicodermia of occupational etiology resulting from contact with rubber cement] Tsyrkunov LP. **Gig Tr Prof Zabol** 1985 Mar;(3):52–3 **(Rus)**

ANALYSIS

Volatile N-nitrosamines in baby bottle rubber nipples and pacifiers. Analysis, occurrence and migration. Sen NP, et al. **IARC Sci Publ** 1984;(57):51–7

Volatile nitrosamine levels in rubber teats and pacifiers available in New Zealand. Weston RJ. **J Anal Toxicol** 1985 Mar–Apr;9(2):89–90

Rapid gas chromatographic determination of ethylene oxide, ethylene chlorohydrin, and ethylene glycol residues in rubber catheters. Muzeni RJ. **J Assoc Off Anal Chem** 1985 May–Jun;68(3):506–8

Determination of N-nitrosamines and N-nitrosamine precursors in rubber nipples from baby pacifiers by gas chromatography-thermal energy analysis. Thompson HC Jr, et al. **J Toxicol Environ Health** 1984;13(4–6):615–32

[Detection of nitrosamines in elastomers of pharmaceutic and dietary interest] el Assaf Z, et al. **Ann Pharm Fr** 1984; 42(4):301–11 (Eng. Abstr.) **(Fre)**

TOXICITY

Latex vascular occlusion balloons: histopathologic evaluation in a high-flow aortocaval fistula model. Quisling RG, et al. **AJNR** 1985 Jul–Aug;6(4):583–7

[Hygienic evaluation of several brands of rubber and the feasibility of using them in industrial and drinking water supply systems] Tsapko VV, et al. **Gig Sanit** 1984 Sep; (9):23–5 **(Rus)**

RUBBER, SILICONE see **SILICONE ELASTOMERS**

RUBEFACIENTS see **IRRITANTS**

RUBELLA

International symposium on prevention of congenital rubella infection. Washington, D.C., March 13–15, 1984. **Rev Infect Dis** 1985 Mar–Apr;7 Suppl 1:S1–215

[Relationship between rubella-infected pregnancies and the occurrence of congenital physical defects in newborn infants] **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Aug;5(4):203–5 (Eng. Abstr.) **(Chi)**

[Rubella encephalitis with unusual course in an adult] Poburski R, et al. **Dtsch Med Wochenschr** 1984 Nov 23; 109(47):1796–800 (Eng. Abstr.) **(Ger)**

[Viral infections and pregnancy: rubella] Robibaro C, et al. **Clin Ter** 1984 Aug 15;110(3):265–9 (Eng. Abstr.) **(Ita)**

BLOOD

[Serum fractionation by gel filtration at a high flow rate: use for diagnostic purposes] Angeretti A, et al. **G Batteriol Virol Immunol** 1983 Jul–Dec;76(7–12):227–38 (Eng. Abstr.) **(Ita)**

COMPLICATIONS

In search of the aetiology of deafness in Nigeria––the probable role of rubella infection. Oyemade A, et al. **Afr J Med Med Sci** 1985 Mar–Jun;14(1–2):27–30

Suppression of tuberculin hypersensitivity caused by rubella infection. Mori T, et al. **Am Rev Respir Dis** 1985 Jun; 131(6):886–8

Congenital rubella syndrome in Western Australia. Stanley FJ, et al. **Aust Paediatr J** 1985 May;21(2):111–4

Interferon treatment of chronic rubella associated arthritis [letter] Armstrong RD, et al. **Clin Exp Rheumatol** 1985 Jan–Mar;3(1):93–4

Rubella arthritis and rheumatoid arthritis. Phillips PE. **Clin Exp Rheumatol** 1983 Oct–Dec;1(4):285–6 (16 ref.)

Hemolytic anemia following postnatally acquired rubella during the 1975–1977 rubella epidemic in Japan. Ueda K, et al. **Clin Pediatr (Phila)** 1985 Mar;24(3):155–7

Congenital rubella syndrome as a model for type 1 (insulin-dependent) diabetes mellitus: increased prevalence of islet cell surface antibodies. *Ginsberg-Fellner F, et al.* **Diabetologia** 1984 Jul;27 Suppl:87–9

Dual infection with rubella and human parvovirus [letter] Cohen BJ, et al. **Lancet** 1985 Sep 21;2(8456):662–3

Congenital rubella with pneumonitis [letter] Harpey JP, et al. **Lancet** 1985 May 11;1(8437):1104

Congenital rubella with fatal pneumonitis in two infants born to mothers reported as rubella immune [letter] Mahony MJ, et al. **Lancet** 1985 Mar 23;1(8430):700–1

Vaccination, one; maternal rubella, nil [letter] Upfold LJ. **Med J Aust** 1985 Sep 2;143(5):219

[Acute neurologic complications of rubella] Debussche-Depriester C, et al. **Rev Neurol (Paris)** 1984; 140(11):665–8 (Eng. Abstr.) **(Fre)**

[Acute hemolytic anemia developing in rubella] Pusztai E, et al. **Orv Hetil** 1985 Aug 18;126(33):2047–8 (Eng. Abstr.) **(Hun)**

CONGENITAL

Retrospective diagnosis of congenital rubella. Iuorio JL, et al. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1566–8

National Congenital Rubella Surveillance Programme 1 July 1971–30 June 1984. Smithells RW, et al. **Br Med J [Clin Res]** 1985 Jul 6;291(6487):40–1

Congenital rubella syndrome in Nova Scotia. **Can Med Assoc J** 1985 Sep 15;133(6):585

Blueberry muffin syndrome: cutaneous erythropoiesis and possible intrauterine viral infection. Hendricks WM, et al. **Cutis** 1984 Dec;34(6):549–51

Hearing loss and congenital rubella in Atlantic Canada. Anvar B, et al. **Ear Hear** 1984 Nov–Dec;5(6):340–5

Serological study on congenital rubella in Delhi. Manjunath N, et al. **Indian J Med Res** 1984 Jun;79:716–21

The TORCH syndrome: a clinical review. Fine JD, et al. **J Am Acad Dermatol** 1985 Apr;12(4):697–706 (33 ref.)

Presence of an acid-labile alpha-interferon in sera from fetuses and children with congenital rubella. Lebon P, et al. **J Clin Microbiol** 1985 May;21(5):775–8

Screening for rubella IgG and IgM using an ELISA test applied to dried blood on filter paper. Sander J, et al. **J Pediatr** 1985 Mar;106(3):457–61

Fetal risk associated with rubella vaccine: implications for vaccination of susceptible women. Preblud SR, et al. **Obstet Gynecol** 1985 Jul;66(1):121–3

Prevention of the congenital rubella syndrome: the Israeli experience. Fogel A, et al. **Prog Clin Biol Res** 1985; 163B:327–32

International symposium on prevention of congenital rubella infection. Washington, D.C., March 13–15, 1984. **Rev Infect Dis** 1985 Mar–Apr;7 Suppl 1:S1–215

The multihandicapped child with congenital rubella: impact on family and community. Appell MW. **Rev Infect Dis** 1985 Mar–Apr;7 Suppl 1:S17–21 (4 ref.)

Diabetes mellitus and autoimmunity in patients with the congenital rubella syndrome. Ginsberg-Fellner F, et al. **Rev Infect Dis** 1985 Mar–Apr;7 Suppl 1:S170–6

Epidemiology of congenital rubella and results of rubella vaccination in Australia. Menser MA, et al. **Rev Infect Dis** 1985 Mar–Apr;7 Suppl 1:S37–41 (19 ref.)

Methods of assessing the impact of congenital rubella infection. Orenstein WA, et al. **Rev Infect Dis** 1985 Mar–Apr;7 Suppl 1:S22–8

Congenital rubella in the United Kingdom before 1970: the prevaccine era. Peckham C. **Rev Infect Dis** 1985 Mar–Apr; 7 Suppl 1:S11–6

Delayed manifestations of congenital rubella. Sever JL, et al. **Rev Infect Dis** 1985 Mar–Apr;7 Suppl 1:S164–9

Teratogen update: the congenital rubella syndrome. South MA, et al. **Teratology** 1985 Apr;31(2):297–307

[The IgM enzyme immuno-screening test for congenital rubella] Sander J, et al. **Dtsch Med Wochenschr** 1984 Oct 19;109(42):1600–3 (Eng. Abstr.) **(Ger)**

[Current aspects of rubella embryopathy] Külz J, et al. **Kinderarztl Prax** 1985 Feb;53(2):47–56 (Eng. Abstr.) **(Ger)**

[A successful operative case of congenital rubella syndrome––subaortic membranous stenosis associated with VSD, PDA and branch PS] Sano S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Sep;32(9):1394–9 (Eng. Abstr.) **(Jpn)**

[Indicators of the persistence of the rubella virus in children with congenital heart defects] Lozovskaia LS, et al. **Pediatriia** 1984 Nov;(11):21–4 **(Rus)**

DIAGNOSIS

TORCH tests and what they mean. Sever JL. **Am J Obstet Gynecol** 1985 Jul 1;152(5):495–8

TORCH serologies and specific IgM antibody determination in acquired and congenital infections. Fung JC, et al. **Ann Clin Lab Sci** 1985 May–Jun;15(3):204–11

Diagnosis of postnatally acquired rubella by use of three enzyme-linked immunosorbent assays for specific immunoglobulins G and M and single radial hemolysis for specific immunoglobulin G. Field PR, et al. **J Clin Microbiol** 1984 Nov;20(5):951–8

Study of discrepancies in rubella haemagglutinin titrations and a reappraisal of diluents used in the rubella haemagglutination inhibition technique. Murray HG, et al. **J Clin Pathol** 1985 Feb;38(2):198–202

Pregnant women in contact with rubella [letter] Echevarria C, et al. **J Infect** 1985 Jul;11(1):80–2

Comparison of various serological methods and diagnostic kits for the detection of acute, recent, and previous rubella infection, vaccination, and congenital infections. Enders G, et al. **J Med Virol** 1985 Jul;16(3):219–32

An evaluation of ELISA kits for rubella IgG- and IgM-antibodies. Paris-Hamelin A, et al. **J Virol Methods** 1985 Apr;10(4):355–61

Clinical validation of an antibody-capture anti-rubella IgM-ELISA. Wielaard F, et al. **J Virol Methods** 1985 Apr; 10(4):349–54

Subclinical rubella in pregnancy [letter] Kudesia G, et al. **Lancet** 1985 Mar 23;1(8430):700

Rubella virus and its effects on the central nervous system. Waxham MN, et al. **Neurol Clin** 1984 May;2(2):367–85

Prenatal detection of rubella-specific IgM in fetal sera. Morgan-Capner P, et al. **Prenat Diagn** 1985 Jan–Feb; 5(1):21–6

Serologic test combinations for safe detection of rubella infections. Enders G. **Rev Infect Dis** 1985 Mar–Apr;7 Suppl 1:S113–22

Available rubella serologic tests. Herrmann KL. **Rev Infect Dis** 1985 Mar–Apr;7 Suppl 1:S108–12

[Serodiagnosis of rubella: comparison of ELISA and hemagglutination inhibition] Talon J. **Ann Biol Clin (Paris)** 1984;42(4):307–15 (Eng. Abstr.) **(Fre)**

[The essentials in evaluating the rubella immunity by means of hemagglutination inhibition test] Suto T. **Rinsho Byori** 1985 Feb;33(2):140–7 **(Jpn)**

[Rubella and pregnancy: serological examination in the determination of risks and damage] Marquez A, et al. **Bol Of Sanit Panam** 1984 Aug;97(2):95–104 (Eng. Abstr.) **(Spa)**

[Diagnosis of primary German measles and reinfection in pregnant women] Echevarriá C, et al. **Rev Sanid Hig Publica (Madr)** 1983 Jul–Aug;57(7–8):701–13 (Eng. Abstr.) **(Spa)**

ECONOMICS

Benefits, risks and costs of immunization for measles, mumps and rubella. White CC, et al. **Am J Public Health** 1985 Jul;75(7):739–44

ETIOLOGY

Postpartum rubella immunization: association with development of prolonged arthritis, neurological sequelae, and chronic rubella viremia. Tingle AJ, et al. **J Infect Dis** 1985 Sep;152(3):606–12

HISTORY

The history and medical consequences of rubella. Cooper LZ. **Rev Infect Dis** 1985 Mar–Apr;7 Suppl 1:S2–10

IMMUNOLOGY

Detection of rubella-specific IgM antibodies by a combined application of solid-phase-immunosorbent- and haemagglutination-inhibition-technique. Sandow D, et al. **Acta Microbiol Hung** 1984;31(3):223–5

Cytomegalovirus (CMV) and rubella virus infection during pregnancy. A study of CMV and rubella virus antibodies in 2014 pregnant women and follow-up studies of infants at risk for intrauterine CMV infections. Haukenes G, et al. **Acta Obstet Gynecol Scand** 1984;63(5):431–5

Identification and immunization of medical students susceptible to measles and rubella: a nationwide survey. Murray DL, et al. **Am J Public Health** 1985 May; 75(5):556–7

Premarital rubella vaccination program. Vogt RL, et al. **Am J Public Health** 1985 Sep;75(9):1088–9

The preparation of bacterial luciferase conjugates for immunoassay and application to rubella antibody detection. Jablonski E. **Anal Biochem** 1985 Jul;148(1):199–206

Evaluation of enzyme immunosorbent rubella assays. Skendzel LP, et al. **Arch Pathol Lab Med** 1985 May; 109(5):391–3

The prevalence of rubella haemagglutination inhibition antibodies in non-immunized individuals. Tswana SA, et al. **Cent Afr J Med** 1984 Jul;30(7):117–20

Rubella seronegativity in a low socioeconomic adolescent female population. Cohen ZB, et al. **Clin Pediatr (Phila)** 1985 Jul;24(7):387–90

Detection of specific immunoglobulin M antibody to rubella virus by use of an enzyme-labeled antigen. Bonfanti C, et al. **J Clin Microbiol** 1985 Jun;21(6):963–8

Antibody response to individual rubella virus proteins in congenital and other rubella virus infections. Katow S, et al. **J Clin Microbiol** 1985 Mar;21(3):449–51

Subclass distribution of rubella virus-specific immunoglobulin G. Linde GA. **J Clin Microbiol** 1985 Jan; 21(1):117–21

Comparison of enzyme-linked immunosorbent assay, hemagglutination inhibition, and passive latex agglutination for determination of rubella immune status. Steece RS, et al. **J Clin Microbiol** 1985 Jan;21(1):140–2

Comparison of five different methods of rubella IgM antibody testing. Cubie H, et al. **J Clin Pathol** 1985 Feb;38(2):203–7

Clinically apparent rubella reinfection. Morgan-Capner P, et al. **J Infect** 1984 Jul;9(1):97–100

Evaluation of commercial methods of enzyme immunoassay (EIA) for the measurement of rubella-specific IgM. Echevarría JM, et al. **J Virol Methods** 1985 Jul;11(3):177–87

Comparison of the performance and reproducibility of various serological methods and diagnostic kits for the detection of rubella antibodies. Enders G, et al. **J Virol Methods** 1985 May;11(1):1-14

Rubella reinfection and the fetus [letter] **Lancet** 1985 May 4;1(8436):1039-41

Detection of rubella-specific IgM in subclinical rubella reinfection in pregnancy. Morgan-Capner P, et al. **Lancet** 1985 Feb 2;1(8423):244-6

Rubella antibodies in a sample of Lusaka mothers. Watts T. **Med J Zambia** 1983 Oct;17(4):109-10

Rubella antibody detection by a microplate haemolysis-in-gel technique. Winter GF. **Med Lab Sci** 1985 Jan;42(1):56-9

Rubella susceptibility among prenatal and family planning clinic populations. Dorfman SF, et al. **Mt Sinai J Med (NY)** 1985 Apr;52(4):248-52

Rubella antibodies. Interpretation of laboratory findings [letter] Ackerman V, et al. **Pathology** 1984 Oct;16(4):467-8

Cell-mediated immune response in rubella infections. Buimovici-Klein E, et al. **Rev Infect Dis** 1985 Mar-Apr; 7 Suppl 1:S123-8

Persistence of vaccine-induced immune responses to rubella: comparison with natural infection. Horstmann DM, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S80-5

Challenge with rubella virus after loss of detectable vaccine-induced antibody. Schiff GM, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S157-63

Laboratory monitoring of rubella. Johnson S, et al. **S Afr Med J** 1985 May 4;67(18):721-3

Polyclonal activation of B cells during rubella infection. Hyypiä T, et al. **Scand J Immunol** 1985 Jun;21(6):615-7

Determination of rubella immunity by latex agglutination: its place in clinical routines. Blomberg J, et al. **Scand J Infect Dis** 1984;16(4):327-33

Rubella immune state and rubella vaccination of female university students. Nyström M, et al. **Scand J Infect Dis** 1984;16(3):235-9

Rubella screening programme--preliminary results in Northern Ireland. McClelland WM, et al. **Ulster Med J** 1983;52(1):67-70

Persistence of rubella antibodies 15 years after subcutaneous administration of Wistar 27/3 strain live attenuated rubella virus vaccine. Hillary IB, et al. **Vaccine** 1984 Dec; 2(4):274-6

[Antiglobulins in the serum of persons with acute viral infections and their removal by immunoabsorption] Fraňková V, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 Feb;34(1):9-14 (Eng. Abstr.) **(Cze)**

[Immune status for poliomyelitis, rubella and measles of the Dutch population 10 years or older in 1980; a serological study] Conyn-van Spaendonck MA, et al. **Ned Tijdschr Geneeskd** 1984 Oct 6;128(40):1884-7 (Eng. Abstr.) **(Dut)**

[Differences in rubella immunity in Mali and Hamburg and their consequences] Ehrengut W, et al. **Klin Padiatr** 1984 Nov-Dec;196(6):378-81 (Eng. Abstr.) **(Ger)**

[Immune status of rubella in pregnant patients in various parts of West Germany 1984] Sander J, et al. **Off Gesundheitswes** 1985 Jan;47(1):28-31 **(Ger)**

[The Rubenosticon test in hematologic and lymphoreticular diseases] Milejski P, et al. **Pol Tyg Lek** 1984 Jun 11; 39(24):815-8 (Eng. Abstr.) **(Pol)**

[Experience with the use of radial hemolysis in the determination of immunity to rubella] Fedorková M, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 Jun;34(4):222-6 (Eng. Abstr.) **(Slo)**

[Immune status of the population to poliomyelitis, measles and rubella. Chile, 1983] Schuster A, et al. **Bol Of Sanit Panam** 1984 Aug;97(2):165-8 **(Spa)**

[Serological study of rubella in the Department of Obstetrics and Gynecology of the Hospital Paula Jaraquemada] Guerrero B, et al. **Rev Chil Obstet Ginecol** 1983; 48(6):408-13 (Eng. Abstr.) **(Spa)**

MICROBIOLOGY

Rubella arthritis in adults. Isolation of virus, cytology and other aspects of the synovial reaction. Fraser JR, et al. **Clin Exp Rheumatol** 1983 Oct-Dec;1(4):287-93

NURSING

TORCH: a literature review and implications for practice. Haggerty L. **J Obstet Gynecol Neonatal Nurs** 1985 Mar-Apr;14(2):124-9

OCCURRENCE

Therapeutic abortions following rubella infection in pregnancy: the potential impact on the incidence of congenital rubella syndrome. Serdula MK, et al. **Am J Public Health** 1984 Nov;74(11):1249-51

Studies on the sero-epidemiology of endemic diseases in Libya. II. Rubella. Gebreel AO, et al. **Ann Trop Med Parasitol** 1984 Oct;78(5):519-25

The 1976-1977 rubella epidemic in Fukuoka city in southern Japan: epidemiology and incidences of complications among 80,000 persons who were school children at 28 primary schools and their family members. Ueda K, et al. **Biken J** 1984 Dec;27(4):161-8

Subclinical rubella in pregnancy--occurrence and outcome. Fogel A, et al. **Isr J Med Sci** 1985 Feb;21(2):133-8

Leads from the MMWR. Rubella in colleges--United States, 1983 to 1984. **JAMA** 1985 May 17;253(19):2820, 2822, 2827

Leads from the MMWR. Rubella and congenital rubella syndrome--United States, 1983-1984. **JAMA** 1984 Oct 19; 252(15):1995-6

Human parvovirus and rubella-like illness [letter] Anderson MJ, et al. **Lancet** 1985 Sep 21;2(8456):663

Rubella in colleges--United States, 1983-1984. **MMWR** 1985 Apr 26;34(16):228-31

Rubella outbreak among office workers--New York City. **MMWR** 1985 Jul 26;34(29):455-9

Rubella and congenital rubella surveillance, 1983. Williams NM, et al. **MMWR CDC Surveill Summ** 1984; 33(4):1SS-10SS

Rubella--world impact. Assaad F, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S29-36

Epidemiology of rubella and congenital rubella infection in Japan. Kono R, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S56-63

Aspects of rubella infection in Brazil. Schatzmayr HG. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S53-5

Rubella infection: the Indian scene. Seth P, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S64-7

Epidemiology of rubella and congenital rubella infection in Israel, a country with a selective immunization program. Swartz TA, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S42-6

Rubella in the United Kingdom, 1970-1983. Tobin JO, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S47-52

[Toxoplasmosis and rubella in Moroccan women. Results of a serological survey] Guessous-Idrissi N, et al. **Pathol Biol (Paris)** 1984 Sep;32(7):761-5 (Eng. Abstr.) **(Fre)**

[Rubella 1982] Rudnicka H. **Przegl Epidemiol** 1984; 38(2):123-6 **(Pol)**

[Epidemiological behavior of rubella in the province of Córdoba, Argentina] Marquez A, et al. **Bol Of Sanit Panam** 1984 Jul;97(1):14-25 (Eng. Abstr.) **(Spa)**

PREVENTION & CONTROL

Rubella screening and vaccination follow-up by a hospital employee health office. Kohl HW 3d. **Am J Infect Control** 1985 Jun;13(3):124-7

Why we should all have an SRH test [letter] de Mendonca MJ. **Br Dent J** 1985 May 11;158(9):319

Rubella--continuing problems [editorial] Banatvala JE. **Br J Obstet Gynaecol** 1985 Mar;92(3):193-6

Role of the occupational health service in increasing the uptake of rubella immunisation [letter] **Br Med J [Clin Res]** 1985 Feb 16;290(6467):560-1

Rubella: immunity and vaccination in schoolgirls [letter] Cubie HA, et al. **Br Med J [Clin Res]** 1985 Jun 15; 290(6484):1827-8

Role of the occupational health service in screening and increasing the uptake of rubella immunisation. Jachuck SJ, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):119-20

Rubella: immunity and vaccination in schoolgirls. Kudesia G, et al. **Br Med J [Clin Res]** 1985 May 11;290(6479):1406-8

Scandinavian model for eliminating measles, mumps, and rubella. Rabo E, et al. **Br Med J [Clin Res]** 1984 Nov 24; 289(6456):1402-4

Increasing the uptake of rubella immunisation [letter] Taranger J. **Br Med J [Clin Res]** 1985 Mar 23;290(6472):936

Prevention of congenital rubella in Iceland by antibody screening and immunization of seronegative females. Gudmundsdóttir S, et al. **Bull WHO** 1985;63(1):83-92

A rubella outbreak among dental students: description of the outbreak and analysis of control measures. Storch GA, et al. **Infect Control** 1985 Apr;6(4):150-6

Rubella prevention programs. Valenti WM. **Infect Control** 1985 Aug;6(8):329-31

Planning, implementing, and evaluating college-based immunization programs. Barid SJ, et al. **J Am Coll Health** 1984 Oct;33(2):73-5

Measles and rubella immunity: a new requirement. Dorman JM, et al. **J Am Coll Health** 1984 Oct;33(2):81-3

University of Iowa mass immunization program. Feldick HG. **J Am Coll Health** 1984 Oct;33(2):84-6

Rubella: current status, diagnosis, outbreak control, and use of rubella vaccine in females of childbearing age. Preblud SR. **J Am Coll Health** 1984 Oct;33(2):67-72

Rubella vaccination in the UK: time for a complete strategy [letter] Miller CL, et al. **Lancet** 1985 Sep 28;2(8457):732

Elimination of rubella and congenital rubella syndrome--United States. **MMWR** 1985 Feb 8;34(5):65-6

A survey of rubella susceptible females in Nebraska. Paulman PM, et al. **Nebr Med J** 1984 Dec;69(12):407-8

Elimination of rubella and congenital rubella from the United States. Bart KJ, et al. **Pediatr Infect Dis** 1985 Jan-Feb; 4(1):14-21

Special report. Prevention congenital rubella infection: Symposium summary. Hinman AR. **Pediatrics** 1985 Jun; 75(6):1162-5

National immunization policymaking. A controversial endeavor. Amren DP, et al. **Postgrad Med** 1985 Feb 1; 77(2):93-6, 99-100

Universal immunization to interrupt rubella. Bart KJ, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S177-84

Fetal risk associated with rubella vaccine: an update. Bart SW, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S95-102

Selective immunization: protection of the individual. Dudgeon JA. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S185-90

Rubella antibody titers in vaccinated and nonvaccinated women and results of vaccination during pregnancy. Enders G. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S103-7

Rubella immunization strategies in Canada. Furesz J, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S191-3

Cost-effectiveness of different strategies for prevention of congenital rubella infection: a practical example from Iceland. Gudnadóttir M. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S200-9 (37 ref.)

Theoretical aspects of rubella vaccination strategies. Knox EG. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S194-7

Epidemiology of congenital rubella and results of rubella vaccination in Australia. Menser MA, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S37-41 (19 ref.)

Benefit-cost aspects of rubella immunization. Schoenbaum SC. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S210-1

Implications of the international initiative against avoidable disablement ('impact') for rubella control. Wilson J. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S198-9

Rubella in male Singapore adolescents: incidence and effects of vaccination. Ahmad MT, et al. **Singapore Med J** 1984 Dec;25(6):404-7

Vaccination with a live RA 27/3 strain rubella vaccine (Rudivax), a follow-up study. Suni JI, et al. **Vaccine** 1984 Dec;2(4):281-3

Studies on the reactogenicity and immunogenicity of the BRD-2 and RA27/3 live attenuated rubella vaccines. Wang SS, et al. **Vaccine** 1984 Dec;2(4):277-80

[Prevention of defects caused by rubella virus] Janout V, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 Jun; 34(4):212-6 (Eng. Abstr.) **(Cze)**

[Strategy of immunization against rubella] Sejda J. **Cesk Epidemiol Mikrobiol Imunol** 1984 Sep;33(5):257-6 (Eng. Abstr.) **(Cze)**

[Rubella immunization of 11-16-year-old girls with HPV77DE5 and RA 27/3 vaccines: antibody development and antibody persistence 4 and 8 years later] Gitmans U, et al. **Immun Infekt** 1983 May;11(3):79-90 (Eng. Abstr.) **(Ger)**

[Vaccination against rubella] Rossolini A, et al. **Pediatr Med Chir** 1984 Jan-Feb;6(1):31-4 (Eng. Abstr.) **(Ita)**

TRANSMISSION

Rubella warning [letter] Robertson PW, et al. **Med J Aust** 1984 Nov 10;141(10):680

Severe neonatal rubella following maternal infection. Sheinis M, et al. **Pediatr Infect Dis** 1985 Mar-Apr;4(2):202-3

RUBELLA VACCINE

Update: immunizations during pregnancy. Preblud SR, et al. **J Med Soc NJ** 1984 Oct;81(10):889-90

Some current issues relating to rubella vaccine. Preblud SR. **JAMA** 1985 Jul 12;254(2):253-6

Possible association between rubella vaccination and the decline in rheumatic fever [letter] Wedum BG. **N Engl J Med** 1985 Apr 11;312(15):991-2

Special report. Prevention congenital rubella infection: Symposium summary. Hinman AR. **Pediatrics** 1985 Jun; 75(6):1162-5

Universal immunization to interrupt rubella. Bart KJ, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S177-84

Selective immunization: protection of the individual. Dudgeon JA. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S185-90

Rubella antibody titers in vaccinated and nonvaccinated women and results of vaccination during pregnancy. Enders G. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S103-7

Rubella immunization strategies in Canada. Furesz J, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S191-3

Cost-effectiveness of different strategies for prevention of congenital rubella infection: a practical example from Iceland. Gudnadóttir M. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S200-9 (37 ref.)

Theoretical aspects of rubella vaccination strategies. Knox EG. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S194-7

Epidemiology of congenital rubella and results of rubella vaccination in Australia. Menser MA, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S37-41 (19 ref.)

Congenital rubella in the United Kingdom before 1970: the prevaccine era. Peckham C. **Rev Infect Dis** 1985 Mar-Apr; 7 Suppl 1:S11-6

Licensed vaccines. Perkins FT. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S73-6

Benefit-cost aspects of rubella immunization. Schoenbaum SC. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S210-1

Implications of the international initiative against avoidable disablement ('impact') for rubella control. Wilson J. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S198-9

[Strategy of immunization against rubella] Sejda J. **Cesk Epidemiol Mikrobiol Imunol** 1984 Sep;33(5):257-6 (Eng. Abstr.) **(Cze)**

ADMINISTRATION & DOSAGE

Mass inoculation in a community: the effect of primary prevention of stress reactions. Klingman A. **Am J Community Psychol** 1985 Jun;13(3):323-32

Rubella: immunity and vaccination in schoolgirls [letter] Cubie HA, et al. **Br Med J [Clin Res]** 1985 Jun 15; 290(6484):1827-8

Prevention of the congenital rubella syndrome: the Israeli experience. Fogel A, et al. **Prog Clin Biol Res** 1985; 163B:327-32

Persistence of rubella antibodies 15 years after subcutaneous administration of Wistar 27/3 strain live attenuated rubella virus vaccine. Hillary IB, et al. **Vaccine** 1984 Dec; 2(4):274-6

Vaccination with a live RA 27/3 strain rubella vaccine (Rudivax), a follow-up study. Suni JI, et al. **Vaccine** 1984 Dec;2(4):281-3

ADVERSE EFFECTS

Rubella vaccine and facial paresthesias [letter] Morton-Kute L. **Ann Intern Med** 1985 Apr;102(4):563

Postpartum rubella immunization: association with development of prolonged arthritis, neurological sequelae, and chronic rubella viremia. Tingle AJ, et al. **J Infect Dis** 1985 Sep;152(3):606-12

Fetal risk associated with rubella vaccine: implications for vaccination of susceptible women. Preblud SR, et al. **Obstet Gynecol** 1985 Jul;66(1):121-3

Fetal risk associated with rubella vaccine: an update. Bart SW, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S95-102

HISTORY

History of RA27/3 rubella vaccine. Plotkin SA, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S77-8

IMMUNOLOGY

Inability of Japanese rubella vaccines to induce antibody response in rabbits is due to growth restriction at 39 degrees C. Ohtawara M, et al. **Arch Virol** 1985;83(3-4):217-27

Vaccination against measles, mumps and rubella (MMR): a comparison between the antibody responses at the ages of 18 months and 12 years and between different methods of antibody titration. Christenson B, et al. **J Biol Stand** 1985 Apr;13(2):167-72

Development and persistence of class-specific antibodies in the serum and nasopharyngeal washings of rubella vaccinees. O'Shea S, et al. **J Infect Dis** 1985 Jan; 151(1):89-98

Failed rubella immunization in adults: association with immunologic and virological abnormalities. Tingle AJ, et al. **J Infect Dis** 1985 Feb;151(2):330-6

Persistence of rubella antibodies after vaccination: detection after experimental challenge. Banatvala JE, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S86-90

Rubella vaccine in the People's Republic of China. Han YR, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S79

Persistence of vaccine-induced immune responses to rubella: comparison with natural infection. Horstmann DM, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S80-5

Duration of immunity after rubella vaccination: a long-term study in Switzerland. Just M, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S91-4

Rubella immune state and rubella vaccination of female university students. Nyström M, et al. **Scand J Infect Dis** 1984;16(3):235-9

Mass vaccination programme aimed at eradicating measles, mumps and rubella in Sweden: vaccination of schoolchildren. Böttiger M, et al. **Vaccine** 1985 Jun; 3(2):113-6

Clinical effectiveness of rubella vaccine in a college population. Strassburg MA, et al. **Vaccine** 1985 Jun; 3(2):109-12

Studies on the reactogenicity and immunogenicity of the BRD-2 and RA27/3 live attenuated rubella vaccines. Wang SS, et al. **Vaccine** 1984 Dec;2(4):277-80

[Level of antibodies against rubella in the normal population of Nanning city and a survey of the immunizing efficacy of rubella live-vaccines] Chen J. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Feb; 6(1):12-4 (Eng. Abstr.) **(Chi)**

[Rubella immunization of 11-16-year-old girls with HPV77DE5 and RA 27/3 vaccines: antibody development and antibody persistence 4 and 8 years later] Gitmans U, et al. **Immun Infekt** 1983 May;11(3):79-90 (Eng. Abstr.) **(Ger)**

[Comparison of immunogenic and reactogenic properties of various types of vaccinating substances against rubella] Borská K, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 May;34(3):134-43 (Eng. Abstr.) **(Slo)**

THERAPEUTIC USE

Rubella screening and vaccination follow-up by a hospital employee health office. Kohl HW 3d. **Am J Infect Control** 1985 Jun;13(3):124-7

Rubella: current status, diagnosis, outbreak control, and use of rubella vaccine in females of childbearing age. Preblud SR. **J Am Coll Health** 1984 Oct;33(2):67-72

Elimination of rubella and congenital rubella from the United States. Bart KJ, et al. **Pediatr Infect Dis** 1985 Jan-Feb; 4(1):14-21

Rubella in male Singapore adolescents: incidence and effects of vaccination. Ahmad MT, et al. **Singapore Med J** 1984 Dec;25(6):404-7

[Accidental rubella vaccination in pregnancy] Enders G. **Dtsch Med Wochenschr** 1984 Nov 23;109(47):1806-9 (Eng. Abstr.) **(Ger)**

RUBELLA VIRUS

[Fractionation of serum by gel filtration: contamination of IgM fractions by non-specific inhibitors of hemagglutination of the rubella virus] Merlino C, et al. **G Batteriol Virol Immunol** 1983 Jan-Jun;76(1-6):109-17 (Eng. Abstr.) **(Ita)**

ANALYSIS

Structure and function of the rubella virus proteins. Dorsett PH, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S150-6

Molecular and antigenic characteristics and synthesis of rubella virus structural proteins. Pettersson RF, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S140-9

A model of the structural organization of rubella virions. Waxham MN, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S133-9

GENETICS

Rubella virus RNA: effect of high multiplicity passage. Terry GM, et al. **Arch Virol** 1985;86(1-2):29-36

GROWTH & DEVELOPMENT

Inability of Japanese rubella vaccines to induce antibody response in rabbits is due to growth restriction at 39 degrees C. Ohtawara M, et al. **Arch Virol** 1985;83(3-4):217-27

Persistent rubella virus infection of human synovial cells cultured in vitro. Cunningham AL, et al. **J Infect Dis** 1985 Apr;151(4):638-45

[Polyethylene glycol-fractionated calf serum and its use in studies on rubella virus] Filczak K, et al. **Med Dosw Mikrobiol** 1984;36(4):239-44 (Eng. Abstr.) **(Pol)**

[Comparative study of the release of rubella virus at 33 and 30 degrees centigrade] Meško-Prejac M, et al. **Lijec Vjesn** 1985 May;107(5):205-6 (Eng. Abstr.) **(Scr)**

IMMUNOLOGY

Rubella virus-induced interference in chick embryo cells. Matsuno T. **Acta Virol (Praha)** 1984 Nov;28(6):519-21

A rapid simple indirect neutralization test for rubella antibody. Matsuno T. **Acta Virol (Praha)** 1984 Nov; 28(6):523

Evaluation of enzyme immunosorbent rubella assays. Skendzel LP, et al. **Arch Pathol Lab Med** 1985 May; 109(5):391-3

Rubella virus haemagglutinin: association with a single virion glycoprotein. Ho-Terry L, et al. **Arch Virol** 1985; 84(3-4):207-15

Monoclonal antibodies directed to E1 glycoprotein of rubella virus. Umino Y, et al. **Arch Virol** 1985;83(1-2):33-42

New methods for assaying rubella antibodies [letter] Ackerman V, et al. **Aust NZ J Obstet Gynaecol** 1984 Aug; 24(3):228-9

Re-evaluation of immune status to measles, mumps and rubella viruses in the Canada Health Survey population and the Indochinese refugee population. Neumann PW, et al. **Can J Public Health** 1984 Jul-Aug;75(4):270-2

Serological study on congenital rubella in Delhi. Manjunath N, et al. **Indian J Med Res** 1984 Jun;79:716-21

Detection of specific immunoglobulin M antibody to rubella virus by use of an enzyme-labeled antigen. Bonfanti C, et al. **J Clin Microbiol** 1985 Jun;21(6):963-8

Multicenter evaluation of a 1-h enzyme-linked immunosorbent assay for rubella serology. Boteler WL, et al. **J Clin Microbiol** 1984 Dec;20(6):1140-4

Clinical evaluation of the sensitivity and specificity of a commercially available enzyme immunoassay for detection of rubella virus-specific immunoglobulin M. Chernesky MA, et al. **J Clin Microbiol** 1984 Sep;20(3):400-4

Subclass distribution of rubella virus-specific immunoglobulin G. Linde GA. **J Clin Microbiol** 1985 Jan; 21(1):117-21

Selective reactivity of antibodies to human immunoglobulins G, M, and A with rubella virus proteins. Partanen P, et al. **J Clin Microbiol** 1985 May;21(5):800-2

Polycarbonate-coated microsticks as solid-phase carriers in an enzyme-linked immunosorbent assay for rubella antibody. Shekarchi IC, et al. **J Clin Microbiol** 1984 Sep; 20(3):305-6

Comparison of enzyme-linked immunosorbent assay with enzyme-linked fluorescence assay with automated readers for detection of rubella virus antibody and herpes simplex virus. Shekarchi IC, et al. **J Clin Microbiol** 1985 Jan; 21(1):92-6

Comparison of enzyme-linked immunosorbent assay, hemagglutination inhibition, and passive latex agglutination for determination of rubella immune status. Steece RS, et al. **J Clin Microbiol** 1985 Jan;21(1):140-2

Comparison of a simple latex agglutination test with hemolysis-in-gel, hemagglutination inhibition, and radioimmunoassay for detection of rubella virus antibodies. Väänänen P, et al. **J Clin Microbiol** 1985 May;21(5):793-5

Comparative evaluation of commercial rubella virus antibody kits. Wittenburg RA, et al. **J Clin Microbiol** 1985 Feb; 21(2):161-3

Failed rubella immunization in adults: association with immunologic and virological abnormalities. Tingle AJ, et al. **J Infect Dis** 1985 Feb;151(2):330-6

Comparison of various serological methods and diagnostic kits for the detection of acute, recent, and previous rubella infection, vaccination, and congenital infections. Enders G, et al. **J Med Virol** 1985 Jul;16(3):219-32

Persistence of serum IgA antibodies to herpes simplex, varicella-zoster, cytomegalovirus, and rubella virus detected by enzyme-linked immunosorbent assays. Morris GE, et al. **J Med Virol** 1985 Aug;16(4):343-9

Direct enzyme immunoassay for detection of specific IgG antibody to rubella virus by use of labelled antigen. Bonfanti C, et al. **J Virol Methods** 1985 Jun;11(2):161-70

Purification of biologically active rubella virus antigens by immunoaffinity chromatography. Chong P, et al. **J Virol Methods** 1985 Mar;10(3):261-8

Evaluation of commercial methods of enzyme immunoassay (EIA) for the measurement of rubella-specific IgM. Echevarría JM, et al. **J Virol Methods** 1985 Jul;11(3):177-87

Comparison of the performance and reproducibility of various serological methods and diagnostic kits for the detection of rubella antibodies. Enders G, et al. **J Virol Methods** 1985 May;11(1):1-14

Comparison between a commercial ELISA, Rubazyme, and hemolysis-in-gel test for determination of rubella antibodies. Grillner L, et al. **J Virol Methods** 1985 Feb; 10(2):111-5

Coxsackie B, mumps, rubella, and cytomegalovirus specific IgM responses in patients with juvenile-onset insulin-dependent diabetes mellitus in Britain, Austria, and Australia. Banatvala JE, et al. **Lancet** 1985 Jun 22; 1(8443):1409-12

Detection of rubella-specific IgM in subclinical rubella reinfection in pregnancy. Morgan-Capner P, et al. **Lancet** 1985 Feb 2;1(8423):244-6

Rubella antibodies in a sample of Lusaka mothers. Watts T. **Med J Zambia** 1983 Oct;17(4):109-10

A survey of rubella susceptible females in Nebraska. Paulman PM, et al. **Nebr Med J** 1984 Dec;69(12):407-8

Persistence of rubella antibodies after vaccination: detection after experimental challenge. Banatvala JE, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S86-90

Serologic test combinations for safe detection of rubella infections. Enders G. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S113-22

Rubella antibody titers in vaccinated and nonvaccinated women and results of vaccination during pregnancy. Enders G. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S103-7

Standardization of techniques and reagents for the study of rubella antibody. Forsgren M. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S129-32

Available rubella serologic tests. Herrmann KL. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S108-12

Persistence of vaccine-induced immune responses to rubella: comparison with natural infection. Horstmann DM, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S80-5

Duration of immunity after rubella vaccination: a long-term study in Switzerland. Just M, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S91-4

Frequency of rubella antibodies in the population of some tropical African countries. Mingle JA. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S68-71

Challenge with rubella virus after loss of detectable vaccine-induced antibody. Schiff GM, et al. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S157-63

Laboratory monitoring of rubella. Johnson S, et al. **S Afr Med J** 1985 May 4;67(18):721-3

Proportions of Ig classes and subclasses in rubella antibodies. Sarnesto A, et al. **Scand J Immunol** 1985 Mar;21(3):275-82

Vaccination with a live RA 27/3 strain rubella vaccine (Rudivax), a follow-up study. Suni JI, et al. **Vaccine** 1984 Dec;2(4):281-3

Studies on the reactogenicity and immunogenicity of the BRD-2 and RA27/3 live attenuated rubella vaccines. Wang SS, et al. **Vaccine** 1984 Dec;2(4):277-80

[Level of antibodies against rubella in the normal population of Nanning city and a survey of the immunizing efficacy of rubella live-vaccines] Chen J. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Feb; 6(1):12-4 (Eng. Abstr.) **(Chi)**

[Measles & rubella hemagglutination inhibition antibodies in women of child-bearing age and the time of decline of maternally acquired antibodies among neonates and infants] Xü FG. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Feb;6(1):9-11 (Eng. Abstr.) **(Chi)**

[Prevention of defects caused by rubella virus] Janout V, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 Jun; 34(4):212-6 (Eng. Abstr.) **(Cze)**

[Demonstration of Rubella-specific IgG and IgM antibody (sub) classes using the enzyme immunoassay (EIA)] Doerr HW, et al. **Immun Infekt** 1984 Feb;12(1):21-8 (Eng. Abstr.) **(Ger)**

[Rubella immunization of 11-16-year-old girls with HPV77DE5 and RA 27/3 vaccines: antibody development and antibody persistence 4 and 8 years later] Gitmans U, et al. **Immun Infekt** 1983 May;11(3):79-90 (Eng. Abstr.) **(Ger)**

[Differences in rubella immunity in Mali and Hamburg and their consequences] Ehrengut W, et al. **Klin Padiatr** 1984 Nov-Dec;196(6):378-81 (Eng. Abstr.) **(Ger)**

[The anti-rubella immune state of the adult female population of Local Health Unit 26 of the Piedmont Region. Prospects for a vaccination campaign] Novara O, et al. **Minerva Med** 1984 Sep 8;75(34):1939-45 (Eng. Abstr.) **(Ita)**

[The Rubenosticon test in hematologic and lymphoreticular diseases] Milejski P, et al. **Pol Tyg Lek** 1984 Jun 11; 39(24):815-8 (Eng. Abstr.) **(Pol)**

[Experience with the use of radial hemolysis in the determination of immunity to rubella] Fedorková M, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 Jun;34(4):222-6 (Eng. Abstr.) **(Slo)**

[Anti-rubella IgM and IgG antibodies in congenital cardiopathy] Maas-Enríquez M, et al. **Arch Inst Cardiol Mex** 1985 Mar-Apr;55(2):129-32 (Eng. Abstr.) **(Spa)**

ISOLATION & PURIFICATION

Sequential studies on synovial lymphocyte stimulation by rubella antigen, and rubella virus isolation in an adult with persistent arthritis. Chantler JK, et al. **Ann Rheum Dis** 1985 Aug;44(8):564-8

Rubella arthritis in adults. Isolation of virus, cytology and other aspects of the synovial reaction. Fraser JR, et al. **Clin Exp Rheumatol** 1983 Oct-Dec;1(4):287-93

METABOLISM

Changes in glycosylation of rubella virus envelope proteins during maturation. Bowden DS, et al. **J Gen Virol** 1985 Jan;66 (Pt 1):201-6

PHYSIOLOGY

Cells from newborn rat brain established in primary tissue culture will support rubella virus replication. Van Alstyne D, et al. **Can J Microbiol** 1984 Jul;30(7):961-6

RUBEOLA see **MEASLES**

RUBIDIUM

ANALYSIS

Determination of lithium, rubidium and strontium in foodstuffs. Evans WH, et al. **Analyst** 1985 Jun; 110(6):619-23

Lithium, sodium, potassium and rubidium cation concentrations during the development of certain organs of unborn rabbits. Palavinskas R, et al. **Comp Biochem Physiol [A]** 1984;79(1):77-80

Measurements of the rubidium isotopic activities and the elution parameters of 81mKr generators using a standardized 114mIn source. Williams NR, et al. **Eur J Nucl Med** 1985;10(1-2):33-8

Quantitative measurement of blood-brain barrier permeability using rubidium-82 and positron emission tomography. Brooks DJ, et al. **J Cereb Blood Flow Metab** 1984 Dec;4(4):535-45

BLOOD

Rubidium uptake of mononuclear leukocytes from normotensive and borderline hypertensive first degree relatives to patients with essential hypertension. Johansen T, et al. **Acta Med Scand [Suppl]** 1985;693:65-8

Intracellular Ca2+ buffering potentiates an 86Rb+ permeability response in human lymphocytes. Heikkilä R, et al. **Acta Physiol Scand** 1985 Jun;124(2):247-51

Lack of effect of synthetic atrial natriuretic factor on rubidium uptake by human erythrocytes. Hernando N, et al. **Biochem Biophys Res Commun** 1985 Aug 15; 130(3):1066-71

A sensitive high-temperature electrothermal atomic absorption analysis for Rb+ in erythrocytes and plasma of normal and hypertensive persons. Hallis KF, et al. **Clin Chem** 1985 Feb;31(2):274-6

Pig reticulocytes. V. Development of Rb+ influx during in vitro maturation. Lauf PK, et al. **J Cell Physiol** 1984 Nov; 121(2):284-90

Altered erythrocyte cation transport related to hypertension or oral contraception. Stokes GS, et al. **Klin Wochenschr** 1985;63 Suppl 3:42-4

Rubidium and sodium transport across erythrocyte membrane: alterations due to a circulating factor. Martín Vasallo P, et al. **Life Sci** 1985 Sep 2;37(9):835-40

[Changes in the plasma and erythrocyte concentrations of rubidium in patients with renal failure] Allain P, et al. **Presse Med** 1984 Oct 20;13(37):2249-51 (Eng. Abstr.) **(Fre)**

DIAGNOSTIC USE

Blood flow in the rabbit maxillary sinus mucosa. Measurement with a diffusible and a non-diffusible tracer. Kumlien JA, et al. **Acta Otolaryngol (Stockh)** 1985 Jan-Feb; 99(1-2):144-53

A method to quantitate the fractional extraction of rubidium-82 across the blood-brain barrier using positron emission tomography. Lammertsma AA, et al. **J Cereb Blood Flow Metab** 1984 Dec;4(4):523-34

Myocardial perfusion with rubidium-82: III. Theory relating severity of coronary stenosis to perfusion deficit. Mullani NA. **J Nucl Med** 1984 Nov;25(11):1190-6

[The effect of parathormone on the uptake of radioactive rubidium 86Rb in the tissues in rats] Kapitola J, et al. **Sb Lek** 1984 Oct;86(10):303-7 (Eng. Abstr.) **(Cze)**

METABOLISM

No correlation between membrane potential and increased cytosolic free Ca2+ concentration, 86Rb+ influx or subsequent [3H]-thymidine incorporation in neoplastic human B cells stimulated with antibodies to surface immunoglobulin. Heikkilä R, et al. **Acta Physiol Scand** 1985 May;124(1):107-15

Stimulus-secretion coupling of parathyroid hormone release: studies of 45Ca and 86Rb fluxes. Wallfelt C, et al. **Acta Physiol Scand** 1985 Jun;124(2):239-45

Transepithelial cation movements in gerbil utricles. Marcus NY, et al. **Am J Otolaryngol** 1985 Jul-Aug;6(4):268-74

Occlusion of Rb+ by detergent-solubilized (Na+ + K+)-ATPase from shark salt glands. Esmann M. **Biochim Biophys Acta** 1985 May 14;815(2):196-202

Stimulation by calcium and carbamoylcholine of the ouabain-sensitive uptake of 86Rb+ in isolated rat pancreatic acinar cells. Lucas M, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):561-7

Differences in modifications of cytoplasmic free Ca2+ concentration and 86Rb+ influx in human neoplastic B cells by antibodies to mu- relative to delta-Ig heavy chains. Heikkilä R, et al. **Clin Exp Immunol** 1985 Mar;59(3):695-702

86-Rb efflux in normal and cataractous human lenses. Gandolfi SA, et al. **Curr Eye Res** 1985 Jul;4(7):753-8

Patterns in effects of sulfhydryl reagents on transport in bovine lens. Kern HL, et al. **Curr Eye Res** 1984 Dec; 3(12):1373-82

Passive ion fluxes across the corneal endothelium. Maurice DM. **Curr Eye Res** 1985 Apr;4(4):339-49

Effects of 5-hydroxytryptamine on rubidium ion fluxes and insulin release in cultured pancreatic islets. Lindström P, et al. **Endocrinology** 1984 Nov;115(5):2121-5

[3H]Ouabain binding and 86 rubidium uptake during the dimethyl sulfoxide-induced differentiation of human promyelocytic leukemia HL-60 cells. Ladoux A, et al. **FEBS Lett** 1984 Oct 29;176(2):467-72

Distinct effects of acetylcholine and glucose on 45calcium and 86rubidium efflux from mouse pancreatic islets. Nenquin M, et al. **FEBS Lett** 1984 Oct 29;176(2):457-61

Proton-activated rubidium transport catalyzed by the sodium pump. Blostein R. **J Biol Chem** 1985 Jan 25;260(2):829-33

Passive transport of Rb+ by hog gastric (H+,K+)-ATPase. Soumarmon A, et al. **J Biol Chem** 1984 Oct 10; 259(19):11861-7

Kinetics of rubidium-82 after coronary occlusion and reperfusion. Assessment of patency and viability in open-chested dogs. Goldstein RA. **J Clin Invest** 1985 Apr; 75(4):1131-7

Delta endotoxin inhibits Rb+ uptake, lowers cytoplasmic pH and inhibits a K+-ATPase in Manduca sexta CHE cells. English LH, et al. **J Membr Biol** 1985;85(3):199-204

Rubidium uptake in single cells. Kirk RG, et al. **J Membr Biol** 1984;82(2):137-43

Failure of glucose to affect 86rubidium efflux and 45calcium uptake of fetal rat pancreatic islets. Ammon HP, et al. **J Physiol (Lond)** 1985 Jan;358:365-72

The diverse effects of noradrenaline and other stimulants on 86Rb and 42K efflux in rabbit and guinea-pig arterial muscle. Bolton TB, et al. **J Physiol (Lond)** 1984 Oct; 355:43-63

Solvent effects in ionic transport through transmembrane protein channels. Kappas U, et al. **J Theor Biol** 1985 Feb 7;112(3):459-64

Lithium, rubidium and cesium: cerebral pharmacokinetics and alcohol interactions. Messiha FS. **Pharmacol Biochem Behav** 1984;21 Suppl 1:87-92

Transport of calcium, germanium and rubidium ions in rice seedlings in deuterium oxide. Shibabe S, et al. **Radioisotopes** 1984 Sep;33(9):606-10

Acetylcholine-receptor-mediated ion fluxes in Electrophorus electricus and Torpedo californica membrane vesicles. Cash DJ, et al. **Rev Physiol Biochem Pharmacol** 1985;102:73-117 (97 ref.)

[Comparison of the effects of a single dose with the continuous administration of some traditional Chinese drugs on the myocardial uptake of 86Rb in mice] Zhang BH. **Chung Yao Tung Pao** 1985 Feb;10(2):90-2 **(Chi)**

[The effect of aging on tissue uptake of radioactive rubidium 86Rb in the bones of rats] Kapitola J, et al. **Sb Lek** 1984 Oct;86(10):298-302 (Eng. Abstr.) **(Cze)**

[Hypotension and diffusion of Rb-86 in the rat brain] Font C, et al. **Rev Esp Fisiol** 1985 Jun;41(2):171-6 (Eng. Abstr.) **(Spa)**

PHARMACODYNAMICS

The effects of the replacement of K+ by Tl+, Rb+, and NH+4 on the muscle membrane potential. Edwards C, et al. **Gen Physiol Biophys** 1984 Jun;3(3):259-64

Effects of chronic LiCl and RbCl on muricide induced by midbrain raphe lesions in rats. Yamamoto T, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):559-63

[Psychomotor excitation caused by beta-endorphin: effect of rubidium and lithium] Beleslin DB, et al. **C R Soc Biol (Paris)** 1984;178(4):387-91 (Eng. Abstr.) **(Fre)**

[Transmembrane effects in the sodium pump system. I. The effect of external potassium and rubidium on the dependence of sodium efflux on sodium concentration in the frog muscle] Marakhova II. **Tsitologiia** 1984 Oct; 26(10):1136-44 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Patch-clamp study of rubidium and potassium conductance in single cation channels from mammalian exocrine aci Gallacher DV, et al. **Pflugers Arch** 1984 Aug;401(4):361-

THERAPEUTIC USE

Rubidium in psychiatry: research implications. Malek-Ahmadi P, et al. **Pharmacol Biochem Behav** 1984; 21 Suppl 1:49-50

RUBIDOMYCIN see **DAUNORUBICIN**

RUBINSTEIN-TAYBI SYNDROME see under **ABNORMALITIES, MULTIPLE**

RUBIVIRUS see **RUBELLA VIRUS**

RUBOMYCIN see **DAUNORUBICIN**

RUBRATOXINS see under **MYCOTOXINS**

RUBREDOXINS see under **FERREDOXINS**

RUFFINI'S CORPUSCLES see **THERMORECEPTORS**

RUFOCROMOMYCIN see **STREPTONIGRIN**

RUMEN

Indwelling rumino-reticulum bolus radio beacon. Kath GS, et al. **Am J Vet Res** 1985 Jan;46(1):136-7

[Prevention of ruminal acidosis during the intensive fattening of weanling lambs] Malchevski M, et al. **Vet Med Nauki** 1985;22(2):50-8 (Eng. Abstr.) **(Bul)**

[One man's meat is another man's poison] Schukken A, et al. **Tijdschr Diergeneeskd** 1985 Jan 15;110(2):69-70 (Eng. Abstr.) **(Dut)**

[Feeding of rumen contents from slaughter cattle. 3. Use of rumen contents in the feeding of swine] Meyer H, et al. **Berl Munch Tierarztl Wochenschr** 1984 Jul 1;97(7):239-4 (Eng. Abstr.) **(Ger)**

ANALYSIS

Simple method for the determination of diaminopimelic acid in rumen liquor hydrolysates. Edols RW. **J Chromatogr** 1985 Jul 5;329(1):199-201

ANATOMY & HISTOLOGY

[Morphology of the rumen mucosa and fatty acid absorption in cattle--important factors for health and production] Dirksen G, et al. **Zentralbl Veterinarmed [A]** 1984 Jul; 31(6):414-30 (Eng. Abstr.) **(Ger)**

CYTOLOGY

A stathmokinetic study on the ruminal epithelium of sheep. Ohwada S, et al. **Vet Res Commun** 1984 Aug;8(3):203-

DRUG EFFECTS

Effect of monensin on fermentation pattern and soybean protein degradation in the rumen of sheep. Vanhaecke H, et al. **Arch Tierernahr** 1985 Apr;35(4):279-86

Ruminal motility in sheep intoxicated with 2,3-dihydroxypyridine. McSweeney CS, et al. **Aust Vet J** 1984 Aug;61(8):271-2

Effect of salinomycin level on nutrient digestibility and ruminal characteristics of sheep and feedlot performance of cattle. Merchen NR, et al. **J Anim Sci** 1985 May; 60(5):1338-46

Nitrogen utilization and ruminal fermentation in steers fed soybean meal treated with formaldehyde. Spears JW, et al. **J Anim Sci** 1985 Apr;60(4):1072-80

Effect of sodium bicarbonate addition to alfalfa hay-based diets on digestibility of dietary fractions and rumen characteristics. DePeters EJ, et al. **J Dairy Sci** 1984 Oct; 67(10):2344-55

Effect of sodium bicarbonate and disodium phosphate on animal performance, ruminal metabolism, digestion, and rate of passage in ruminating calves. Hart SP, et al. **J Dairy Sci** 1984 Oct;67(10):2356-68

Characterization of limestones and their effects in vitro and in vivo in dairy cattle. Keyser RB, et al. **J Dairy Sci** 1985 Jun;68(6):1376-89

Effects of three benzimidazole anthelmintics on the ruminal fermentation ability of sheep. Jara W, et al. **Vet Rec** 1984 Dec 1;115(22):565-6

Central and local actions of opioids upon reticulo-ruminal motility in sheep. Maas CL, et al. **Vet Res Commun** 1985 Apr;9(2):89-113

Effects of monensin on polyamine formation in rumen liquid of small ruminants. Eliassen KA, et al. **Zentralbl Veterinarmed [A]** 1985 May;32(5):356-67

[Effect of different doses of D, L-methionine on biochemical indices in the blood, rumen contents and urine] Vrilchev V. **Vet Med Nauki** 1984;21(6):40-9 (Eng. Abstr.) **(Bul)**

ENZYMOLOGY

Substrate and inhibitor specificity of a transient, soluble proteolytic activity from sheep rumen. Baintner K, et al. **Acta Vet Hung** 1984;32(1-2):87-90

METABOLISM

Effect of feeding raw soybean flour on the digestion of the adult sheep. Baintner K, et al. **Acta Vet Hung** 1984; 32(3-4):205-12

Effect of pH on in vitro ruminal conversion of L-tryptophan to 3-methylindole and indole. Hammond AC, et al. **Am J Vet Res** 1984 Nov;45(11):2247-50

Metabolism of protein supplements studied by the rumen simulation technique (Rusitec). Czerkawski JW, et al. **Arch Tierernahr** 1985 Apr;35(4):261-77

Nutritional availability of amino acids from protein cross-linked to protect against degradation in the rumen. Ashes JR, et al. **Br J Nutr** 1984 Sep;52(2):239-47

Magnesium absorption in mature ewes infused intrarumenally with magnesium chloride. McLean AF, et al. **Br J Nutr** 1984 Nov;52(3):523-7

The physical digestion of perennial ryegrass (Lolium perenne) and white clover (Trifolium repens) in the foregut of sheep. Moseley G, et al. **Br J Nutr** 1984 Sep;52(2):381-90

Thiamin and niacin in the rumen. Brent BE, et al. **J Anim Sci** 1984 Sep;59(3):813-22 (52 ref.)

Site and extent of starch and neutral detergent fiber digestion as affected by source of calcium and level of corn. Brink DR, et al. **J Anim Sci** 1985 May;60(5):1330-7

Relationship of rumen fluid dilution rate to rumen fermentation and dietary characteristics of beef steers. Estell RE 2d, et al. **J Anim Sci** 1985 Apr;60(4):1061-71

Rumen fermentation characteristics, nitrogen balance and growth in lambs fed methane digester effluent. Goedeken FK, et al. **J Anim Sci** 1985 Jun;60(6):1472-8

Duration of inhibition of 3-methylindole production by monensin. Honeyfield DC, et al. **J Anim Sci** 1985 Jan; 60(1):226-31

Effects of monensin, pyromellitic diimide and 2-bromoethanesulfonic acid on rumen fermentation in vitro. Martin SA, et al. **J Anim Sci** 1985 Feb;60(2):544-50

Reduction of 3-methylindole production and prevention of acute bovine pulmonary edema and emphysema with lasalocid. Nocerini MR, et al. **J Anim Sci** 1985 Jan; 60(1):232-8

Effect of ruminal CO2 on gas exchange and ventilation in the Hereford calf. Kuhlmann WD, et al. **J Appl Physiol** 1985 May;58(5):1481-4

Effect of ruminal ammonia-nitrogen concentration on protein degradation in situ. Grummer RR, et al. **J Dairy Sci** 1984 Oct;67(10):2294-301

Effects of copper sulfate supplement on growth, tissue concentration, and ruminal solubilities of molybdenum and copper in sheep fed low and high molybdenum diets. Ivan M, et al. **J Dairy Sci** 1985 Apr;68(4):891-6

Effect of forage: concentrate on kinetics of forage fiber digestion in vivo. Miller BG, et al. **J Dairy Sci** 1985 Jan; 68(1):40-4

Protein degradation in rumen and amino acid absorption in small intestine of lactating dairy cattle fed heat-treated whole soybeans. Stern MD, et al. **J Dairy Sci** 1985 Jan; 68(1):45-56

Ruminal bypass of drinking water in lactating cows. Woodford ST, et al. **J Dairy Sci** 1984 Oct;67(10):2471-4

Changes in histamine concentration of ruminal contents and plasma in cattle fed on a formula feed and rolled barley. Motoi Y, et al. **Nippon Juigaku Zasshi** 1984 Jun; 46(3):309-14

[The rearing of female twin cattle using only feed pellets in comparison with straw pellets plus a concentrate mixture. 2. Weight gain and feed consumption as well as rumen fermentation in the 1st half of the 2d year of life] Bergner H, et al. **Arch Tierernahr** 1985 Mar;35(3):213-23 (Eng. Abstr.) **(Ger)**

[Rearing of female cattle twins using complete feed pellets in comparison to straw pellets plus concentrate mixture. 1. Weight gain performance and feed expenditure as well as rumen fermentation conditions during the 4th-12th months of life] Münchow H, et al. **Arch Tierernahr** 1985 Feb;35(2):121-32 (Eng. Abstr.) **(Ger)**

[Studies on rumen fermentation with special reference to the volatile fatty acid production rate in ewes during reproduction. 2. Production rate of volatile fatty acids and rumen volume] Schindler K, et al. **Arch Tierernahr** 1985 May;35(5):351-9 (Eng. Abstr.) **(Ger)**

[Rumen fermentation with special reference to volatile fatty acid production during reproduction. 1. Methods and results of volatile fatty acid levels and production rates in vitro] Schindler K, et al. **Arch Tierernahr** 1984 Sep; 34(9):631-40 (Eng. Abstr.) **(Ger)**

[Transport of urea nitrogen from the intestines into the stomach in dairy cows] Voigt J, et al. **Arch Tierernahr** 1984 Nov;34(11):769-84 (Eng. Abstr.) **(Ger)**

[Comparative studies of rumen fluid samples obtained by using the Schambye-Sorensen sonde or by puncture of the caudoventral rumen sac] Hollberg W. **DTW** 1984 Sep 7; 91(9):317-20 (Eng. Abstr.) **(Ger)**

MICROBIOLOGY

Reisolation of Ruminobacter parvum. Lankhorst A, et al. **Antonie Van Leeuwenhoek** 1985;51(2):129-37

Superoxide dismutase in ruminal bacteria. Fulghum RS, et al. **Appl Environ Microbiol** 1984 Sep;48(3):675-7

Production and regulation of cellulase by two strains of the rumen anaerobic fungus Neocallimastix frontalis. Mountfort DO, et al. **Appl Environ Microbiol** 1985 May; 49(5):1314-22

Seasonal changes in the ruminal microflora of the high-arctic Svalbard reindeer (Rangifer tarandus platyrhynchus). Orpin CG, et al. **Appl Environ Microbiol** 1985 Jul; 50(1):144-51

Glycosidases of the rumen anaerobic fungus Neocallimastix frontalis grown on cellulosic substrates. Pearce PD, et al. **Appl Environ Microbiol** 1985 May;49(5):1265-9

Fermentation of cellodextrins by cellulolytic and noncellulolytic rumen bacteria. Russell JB. **Appl Environ Microbiol** 1985 Mar;49(3):572-6

Inhibitory effects of titanium (III) citrate on enumeration of bacteria from rumen contents. Wachenheim DE, et al. **Appl Environ Microbiol** 1984 Aug;48(2):444-5

A comparison of methods for the estimation of the proportion of microbial nitrogen in duodenal digesta, and of correction for microbial contamination in nylon bags incubated in the rumen of sheep. Kennedy PM, et al. **Br J Nutr** 1984 Sep; 52(2):403-17

The nutritive value of rumen micro-organisms in ruminants. 4. The limiting amino acids of microbial protein in growing sheep determined by a new approach. Storm E, et al. **Br J Nutr** 1984 Nov;52(3):613-20

Methane formation in faunated and ciliate-free cattle and its relationship with rumen volatile fatty acid proportions. Whitelaw FG, et al. **Br J Nutr** 1984 Sep;52(2):261-75

Australian goats detoxify the goitrogen 3-hydroxy-4(1H) pyridone (DHP) after rumen infusion from an Indonesian goat. Jones RJ, et al. **Experientia** 1984 Dec 15;40(12):1435-6

Intracellular nuclease activities of buffalo rumen bacterial population. Sinha PR, et al. **Folia Microbiol (Praha)** 1984; 29(4):337-42

The effect of ammonia treatment on the solubilization of straw and the growth of cellulolytic rumen bacteria. Kolankaya N, et al. **J Appl Bacteriol** 1985 Apr;58(4):371-9

The rumen microbiology of seaweed digestion in Orkney sheep. Orpin CG, et al. **J Appl Bacteriol** 1985 Jun; 58(6):585-96

Isolation of a bacteriophage in Fusobacterium necrophorum. Tamada H, et al. **Nippon Juigaku Zasshi** 1985 Jun; 47(3):483-6

Urease activity of adherent bacteria in the sheep rumen. Rybošová E, et al. **Physiol Bohemoslov** 1984;33(5):411-6

Rumen papillomas in sheep. Norval M, et al. **Vet Microbiol** 1985 Apr;10(3):219-29

[Adherence of bacteria to epithelial cells of the rumen wall] Kmet' V, et al. **Vet Med (Praha)** 1984 Aug;29(8):473-7 (Eng. Abstr.) **(Slo)**

PARASITOLOGY

Factors stimulating migration of holotrich protozoa into the rumen. Murphy MR, et al. **Appl Environ Microbiol** 1985 May;49(5):1329-31

Effect of defaunating the rumen on growth and carcass composition of lambs. van Nevel CJ, et al. **Arch Tierernahr** 1985 May;35(5):331-7

Further studies on the effects of the presence or absence of protozoa in the rumen on live-weight gain and wool growth of sheep. Bird SH, et al. **Br J Nutr** 1984 Nov; 52(3):607-11

New rumen ciliates, Polymorphella bovis sp.n. and Entodinium longinucleatum forma spinolobum f.n., from the zebu cattle in Thailand. Imai S. **Nippon Juigaku Zasshi** 1984 Jun;46(3):391-5

Histopathology of the duodenum and rumen of goats during experimental infections with Paramphistomum cervi. Singh RP, et al. **Vet Parasitol** 1984 Jul;15(1):39-46

PHYSIOLOGY

Participation of the beta-adrenergic receptor in the enteroruminal reflex and enteroenteric reflex. Wegrzyn T, et al. **Acta Physiol Pol** 1984 May-Jun;35(3):193-8

Development of rumen function in calves: nature of protein reaching the abomasum. Quigley JD 3d, et al. **J Dairy Sci** 1985 Mar;68(3):694-702

Inhibition of growth hormone release by rumen distension in female goats. Tindal JS, et al. **J Endocrinol** 1985 Jan; 104(1):159-63

Effect of rumen-protected methionine on plasma free amino acids and production by dairy cows. Papas AM, et al. **J Nutr** 1984 Dec;114(12):2221-7

[Determination of the physiological ammonia content of rumen juice in cattle] Mehnert E, et al. **Arch Exp Veterinarmed** 1985 Jan;39(1):32-6 (Eng. Abstr.) **(Ger)**

[Fluid exchange in the rumen of sheep in low and adequate phosphorus administration] Breves G, et al. **DTW** 1985 Feb 7;92(2):47-9 (Eng. Abstr.) **(Ger)**

[Regulation of food intake in ruminants] Koppel J, et al. **Cesk Fysiol** 1985;34(3):215-28 **(Slo)**

SURGERY

[Practical experience with the installation of a temporary rumen fistula in cattle with tympany (dorsal gas bubble) or foamy fermentation of ruminal contents] Bickmeier K. **DTW** 1984 Jul 24;91(7-8):277-80 (Eng. Abstr.) **(Ger)**

RUNAWAY REACTION

Violence in families of adolescent runaways. Farber ED, et al. **Child Abuse Negl** 1984;8(3):295-9

[Clinico-pathogenetic patterns in the development of the runaway syndrome in children and adolescents (according to the findings of a clinico-epidemiologic study)] Dmitrieva TN. **Zh Nevropatol Psikhiatr** 1984;84(10):1520-3 (Eng. Abstr.) **(Rus)**

RUNNING

Changes in the EEG spectrum at a two-week intensive endurance training. Honzák R, et al. **Act Nerv Super (Praha)** 1985 Mar;27(1):10-4

Influences of joint immobilization and running exercise on articular cartilage surfaces of young rabbits. A semiquantitative stereomicroscopic and scanning electron microscopic study. Jurvelin J, et al. **Acta Anat (Basel)** 1985; 122(1):62-8

Iron metabolism and 'sports anemia'. I. A study of several iron parameters in elite runners with differences in iron status. Magnusson B, et al. **Acta Med Scand** 1984; 216(2):149-55

Iron metabolism and 'sports anemia'. II. A hematological comparison of elite runners and control subjects. Magnusson B, et al. **Acta Med Scand** 1984;216(2):157-64

The possible influence of laryngeal and tracheal size on the running speed of mammals. Harrison DF, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr;99(3-4):229-35

Changes in leg movements and muscle activity with speed of locomotion and mode of progression in humans. Nilsson J, et al. **Acta Physiol Scand** 1985 Apr;123(4):457-75

Atrioventricular block induced in an athlete by carotid baroreceptor stimulation. Fiocchi R, et al. **Am Heart J** 1985 May;109(5 Pt 1):1102-4

Effects of cardioselective and nonselective beta-adrenergic blockade on the performance of highly trained runners. Anderson RL, et al. **Am J Cardiol** 1985 Apr 26; 55(10):149D-154D

Stomatocytic transformation of red blood cells after marathon running. Reinhart WH, et al. **Am J Hematol** 1985 Jun;19(2):201-4

Runner's macrocytosis: a clue to footstrike hemolysis. Runner's anemia as a benefit versus runner's hemolysis as a detriment. Eichner ER. **Am J Med** 1985 Feb;78(2):321-5

Skeletal muscle injury and repair in marathon runners after competition. Warhol MJ, et al. **Am J Pathol** 1985 Feb; 118(2):331-9

An unusual cause of back pain in a young athlete. A case report. Clark A, et al. **Am J Sports Med** 1985 Jan-Feb; 13(1):51-4

Shock absorption characteristics of running shoes. Cook SD, et al. **Am J Sports Med** 1985 Jul-Aug;13(4):248-53

Dislocation of the tibialis posterior tendon in two athletes. Larsen E, et al. **Am J Sports Med** 1984 Nov-Dec; 12(6):429-30

Pelvic stress fractures in long distance runners. Noakes TD, et al. **Am J Sports Med** 1985 Mar-Apr;13(2):120-3

Anomalous muscle in the leg: soleus accessorium. Percy EC, et al. **Am J Sports Med** 1984 Nov-Dec;12(6):447-50

Rapid screening and confirmation for drugs and metabolites in racing animals by tandem mass spectrometry. Brotherton HO, et al. **Am J Vet Res** 1984 Nov;45(11):2436-40

Plasma and serum concentrations of phenylbutazone and oxyphenbutazone in racing Thoroughbreds 24 hours after treatment with various dosage regimens. Soma LR, et al. **Am J Vet Res** 1985 Apr;46(4):932-8

Effects of furosemide on the racing times of horses with exercise-induced pulmonary hemorrhage. Soma LR, et al. **Am J Vet Res** 1985 Apr;46(4):763-8

Impact and shear resistance of turf grass racing surfaces for Thoroughbreds. Zebarth BJ, et al. **Am J Vet Res** 1985 Apr; 46(4):778-84

Athletic dysrhythmias. A case report and review of the phenomenon of the 'athlete's heart'. Bullock RE, et al. **Anaesthesia** 1985 Jul;40(7):647-50

Gastrointestinal blood loss in runners [letter] Macrae F, et al. **Ann Intern Med** 1984 Dec;101(6):875

Menstrual function and bone mass in elite women distance runners. Endocrine and metabolic features. Marcus R, et al. **Ann Intern Med** 1985 Feb;102(2):158-63

Acute upper gastrointestinal hemorrhage in long-distance runners [letter] Papaioannides D, et al. **Ann Intern Med** 1984 Nov;101(5):719

The London marathon: 3 years in the running. Cerio R, et al. **Arch Emerg Med** 1985 Jun;2(2):89-91

Training, diet and physical characteristics of distance runners with low or high concentrations of high density lipoprotein cholesterol. Sady SP, et al. **Atherosclerosis** 1984 Dec; 53(3):273-81

Exercise haematuria. Fassett R. **Aust Fam Physician** 1984 Jul;13(7):518-9

Stress fractures of the lower limbs in runners. Fitch KD. **Aust Fam Physician** 1984 Jul;13(7):511-5

Evaluating runners' injuries. Larkins PA. **Aust Fam Physician** 1984 Jul;13(7):503-6

Flexibility development in sprinters using EMG biofeedback and relaxation training. Cummings MS, et al. **Biofeedback Self Regul** 1984 Sep;9(3):395-405

Physiological responses of birds to flight and running. Brackenbury J. **Biol Rev** 1984 Nov;59(4):559-75

Proceedings of the conference held before the 1984 London marathon. **Br J Sports Med** 1984 Dec;18(4):237-304

Marathons and St. John. Brotherwood RW. **Br J Sports Med** 1984 Dec;18(4):281

A laboratory running test: metabolic responses of sprint and endurance trained athletes. Cheetham ME, et al. **Br J Sports Med** 1985 Jun;19(2):81–4

Anti-tetanus immunisation in orienteers. Folan JC. **Br J Sports Med** 1985 Mar;19(1):39–40

Podiatrist's advice for marathon casualty management. Graham R. **Br J Sports Med** 1984 Dec;18(4):286–7

First time marathoners and distance training. Grant SJ, et al. **Br J Sports Med** 1984 Dec;18(4):241–3

Marathon without a colon: salt and water balance in endurance running ileostomates. Isaacs P. **Br J Sports Med** 1984 Dec;18(4):295–300

Amenorrhoeic athletes: at risk of developing osteoporosis? McArthur J. **Br J Sports Med** 1984 Dec;18(4):253–5

Physiotherapy management of marathon musculo-skeletal casualties. MacDonald R. **Br J Sports Med** 1984 Dec; 18(4):283–5

Wheelchairs and marathon road racing. Marshall T. **Br J Sports Med** 1984 Dec;18(4):301–4

Temperature regulation during marathon competition. Maughan RJ. **Br J Sports Med** 1984 Dec;18(4):257–60

Marathon running and muscle fasciculation [letter] Porter AM. **Br J Sports Med** 1985 Jun;19(2):99

Marathon running and adverse weather conditions: a miscellany. Porter AM. **Br J Sports Med** 1984 Dec; 18(4):261–4

Medical experience of the great north run. Sainsbury R. **Br J Sports Med** 1984 Dec;18(4):265–7

An open-air running and circuit exercising track in France. Selcon H. **Br J Sports Med** 1984 Sep;18(3):223–5

Haematuria, running, bladder stone [letter] Thomas PL. **Br J Sports Med** 1985 Mar;19(1):49

Marathon medicine and introduction. Tunstall Pedoe D. **Br J Sports Med** 1984 Dec;18(4):238–40

The metabolic challenge of the marathon. Williams C, et al. **Br J Sports Med** 1984 Dec;18(4):245–52

Plasma creatine kinase after the marathon--a diagnostic dilemma. Young A. **Br J Sports Med** 1984 Dec;18(4):269–72

C reactive protein concentrations during long distance running [letter] McConkey B. **Br Med J [Clin Res]** 1984 Dec 15;289(6459):1696

C reactive protein concentrations during long distance running. Strachan AF, et al. **Br Med J [Clin Res]** 1984 Nov 10;289(6454):1249–51

Hypertension in the runner. Dodek A. **Can J Appl Sport Sci** 1984 Dec;9(4):169–75

Effects of interval and continuous running on HDL-cholesterol, apoproteins A-1 and B, and LCAT. Thomas TR, et al. **Can J Appl Sport Sci** 1985 Mar; 10(1):52–9

The effect of racetrack design on gait symmetry of the pacer. Crawford WH, et al. **Can J Comp Med** 1984 Oct; 48(4):374–80

Severe aortic-valve stenosis unmasked by amateur running. Waller BF, et al. **Cathet Cardiovasc Diagn** 1984;10(3):233–6

Could the enzymuria of long distance runners suggest renal tubular injury? [letter] de Paoli Vitali E, et al. **Clin Nephrol** 1985 Jan;23(1):52–3

Unusual exercise-related stress fractures. Two case reports. Fink-Bennett DM, et al. **Clin Nucl Med** 1984 Aug; 9(8):430–4

The effect of running on the pathogenesis of osteoarthritis of the hips and knees. Sohn RS, et al. **Clin Orthop** 1985 Sep;(198):106–9

Relationship between uphill running performance at altitude and blood metabolite levels. Hoyt RW, et al. **Clin Physiol Biochem** 1984;2(4):192–7

Distance running and cardiac rehabilitation: physiologic and psychosocial considerations. Kavanagh T. **Clin Sports Med** 1984 Apr;3(2):513–26 (81 ref.)

Marathon running and immunity to coronary heart disease: fact versus fiction. Noakes TD, et al. **Clin Sports Med** 1984 Apr;3(2):527–43

Biomechanics of running gait. Vaughan CL. **Crit Rev Biomed Eng** 1984;12(1):1–48 (116 ref.)

Exercise-associated solar purpura in an atypical location. Latenser BA, et al. **Cutis** 1985 Apr;35(4):365–6

The energy cost and heart-rate response of trained and untrained subjects walking and running in shoes and boots. Jones BH, et al. **Ergonomics** 1984 Aug;27(8):895–902

Variations in iron status with fatigue modelled from training in female distance runners. Banister EW, et al. **Eur J Appl Physiol** 1985;54(1):16–23

A comparison of the effect of external loading upon power output in stair climbing and running up a ramp. Kyle CR, et al. **Eur J Appl Physiol** 1985;54(1):99–103

Creatine kinase and creatine kinase MB in endurance runners and in patients with myocardial infarction. Stäubli M, et al. **Eur J Appl Physiol** 1985;54(1):40–5

Blood lactate and glycerol after 400-m and 3,000-m runs in sprint and long distance runners. Ohkuwa T, et al. **Eur J Applied Physiol** 1984;53(3):213–8

Biomechanics of running. Williams KR. **Exerc Sport Sci Rev** 1985;13:389–441 (200 ref.)

Serum creatine kinase in marathon runners. Haibach H, et al. **Experientia** 1985 Jan 15;41(1):39–40

Anthropomorphic, hormonal, and psychologic correlates of semen quality in endurance-trained male athletes. Ayers JW, et al. **Fertil Steril** 1985 Jun;43(6):917–21

Serum carotene levels in female long-distance runners. Richards SR, et al. **Fertil Steril** 1985 Jan;43(1):79–81

State of the sympathoadrenal system during exercise of short duration and maximal intensity. Mekhrikadze VV, et al. **Hum Physiol** 1983 Nov–Dec;9(6):401–6

An unusual stress fracture of the upper end of the tibia--a case report. Trimmings NP. **Injury** 1985 Mar;16(5):348–9

Adipose tissue characteristics of ex-obese long-distance runners. Tremblay A, et al. **Int J Obes** 1984;8(6):641–8

Reduced hemoglobin concentration and red cell hemoglobinization in Italian marathon and ultramarathon runners. Casoni I, et al. **Int J Sports Med** 1985 Jun; 6(3):176–9

Hemorrheology of marathon running. Galea G, et al. **Int J Sports Med** 1985 Jun;6(3):136–8

Exercise-induced urinary abnormalities in long-distance runners. Gilli P, et al. **Int J Sports Med** 1984 Oct; 5(5):237–40

Glomerular filtration rate in intact and splenectomized running and swimming dogs. Joles JA, et al. **Int J Sports Med** 1985 Feb;6(1):20–3

Proteinuria in intact and splenectomized dogs after running and swimming. Joles JA, et al. **Int J Sports Med** 1984 Dec; 5(6):311–6

Thermoregulation in marathon competition at low ambient temperature. Maughan RJ. **Int J Sports Med** 1985 Feb; 6(1):15–9

Changes in HDL composition in female subjects following a 100-km run. Schriewer H, et al. **Int J Sports Med** 1984 Aug;5(4):209–12

Maximal and submaximal oxygen uptakes and blood lactate levels in elite male middle- and long-distance runners. Svedenhag J, et al. **Int J Sports Med** 1984 Oct;5(5):255–61

Running velocity at blood lactate threshold of boys aged 6–15 years compared with untrained and trained young males. Tanaka H, et al. **Int J Sports Med** 1985 Apr;6(2):90–4

Effects of treadmill running on glycosaminoglycans in articular cartilage of rabbits. Videman T, et al. **Int J Sports Med** 1984 Dec;5(6):320–4

Ascorbic acid status of running and sedentary men. Fishbaine B, et al. **Int J Vitam Nutr Res** 1984;54(2–3):273

Coronary thrombosis and subsequent lysis after a marathon. Chan KL, et al. **J Am Coll Cardiol** 1984 Dec;4(6):1322–5

A preliminary study on asymmetrical forces at the foot to ground interphase. Beekman S, et al. **J Am Podiatr Med Assoc** 1985 Jul;75(7):349–54

Functional foot orthoses for athletic injuries. A retrospective study. Blake RL, et al. **J Am Podiatr Med Assoc** 1985 Jul; 75(7):359–62

Bilateral stress fractures in a long-distance runner. Julsrud ME. **J Am Podiatr Med Assoc** 1985 Jul;75(7):385–8

Biomechanical principles in common running injuries. Landry M, et al. **J Am Podiatr Med Assoc** 1985 Jan; 75(1):48–52 (23 ref.)

Analysis of 100 knees in high school runners. Landry ME, et al. **J Am Podiatr Med Assoc** 1985 Jul;75(7):382–4

Lactate threshold and distance-running performance in young and older endurance athletes. Allen WK, et al. **J Appl Physiol** 1985 Apr;58(4):1281–4

Creatine kinase-MB isoenzyme adaptations in stressed human skeletal muscle of marathon runners. Apple FS, et al. **J Appl Physiol** 1985 Jul;59(1):149–53

A hemodynamic comparison of young and older endurance athletes during exercise. Hagberg JM, et al. **J Appl Physiol** 1985 Jun;58(6):2041–6

Plasma volume changes in middle-aged male and female subjects during marathon running. Myhre LG, et al. **J Appl Physiol** 1985 Aug;59(2):559–63

Effect of a 42.2-km footrace and subsequent rest or exercise on muscular strength and work capacity. Sherman WM, et al. **J Appl Physiol** 1984 Dec;57(6):1668–73

Marathon performance, anaerobic threshold, and onset of blood lactate accumulation. Tanaka K, et al. **J Appl Physiol** 1984 Sep;57(3):640–3

The measurement of shock waves following heel strike while running. Dickinson JA, et al. **J Biomech** 1985;18(6):415–22

Comment on 'a model for the calculation of mechanical power during distance running' [letter] Morton RH. **J Biomech** 1985;18(2):161–2

A mathematical theory of running, based on the first law of thermodynamics, and its application to the performance of world-class athletes. Ward-Smith AJ. **J Biomech** 1985; 18(5):337–49

A mathematical analysis of the influence of adverse and favourable winds on sprinting. Ward-Smith AJ. **J Biomech** 1985;18(5):351–7

Running on flat turns: experiments, theory, and applications. Greene PR. **J Biomech Eng** 1985 May;107(2):96–103

Biochemical observations on a non-elite marathon runner. Laing IA, et al. **J Clin Chem Clin Biochem** 1984 Aug; 22(8):535–7

Observations of HDL components in female probands following an ultra-long distance run of 100 miles. Schriewer H, et al. **J Clin Chem Clin Biochem** 1985 Jan; 23(1):21–5

Twenty four-hour prolactin profiles and prolactin responses to dopamine in long distance running women. Chang FE, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):631–5

Defects in pulsatile LH release in normally menstruating runners. Cumming DC, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):810–2

Altered neuroendocrine regulation of gonadotropin secretion in women distance runners. Veldhuis JD, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):557–63

The effect of running on the gastrointestinal tract. Sullivan SN. **J Clin Gastroenterol** 1984 Oct;6(5):461–5

The role of compliance in mammalian running gait. McMahon TA. **J Exp Biol** 1985 Mar;115:263–82

Health promotion, jogging, and the pursuit of the moral life. Gillick MR. **J Health Polit Policy Law** 1984 Fall; 9(3):369–87 (86 ref.)

Heat stress in athletes. Sherwood BK, et al. **J Med Assoc Ga** 1985 Jul;74(7):478–80

Energy of the oscillating legs of a fast-moving cheetah, pronghorn, jackrabbit, and elephant. Hildebrand M, et al. **J Morphol** 1985 Apr;184(1):23–31

Post-exercise ketosis in post-prandial exercise: effect of glucose and alanine ingestion in humans. Koeslag JH, et al. **J Physiol (Lond)** 1985 Jan;358:395–403

Jogging in middle age. Lichtenstein MJ. **J R Coll Gen Pract** 1985 Jul;35(276):341–5 (66 ref.)

Dark adaptation in long-distance runners. Bailey JE, et al. **J Sports Med Phys Fitness** 1984 Jun;24(2):135–8

Effect of speed and endurance activities on blood pressure, heart rate and blood lactate, and their correlation. Bandyopadhyay DK. **J Sports Med Phys Fitness** 1984 Jun; 24(2):107–11

Death concerns of runners and nonrunners. Guyot GW, et al. **J Sports Med Phys Fitness** 1984 Jun;24(2):139–43

Prediction of VO2max from the running performance in children aged 10–17 years. Massicotte DR, et al. **J Sports Med Phys Fitness** 1985 Mar–Jun;25(1–2):10–7

Twelve weeks jogging effects on selected cardiovascular risk factors in untrained healthy males. Mathur DN, et al. **J Sports Med Phys Fitness** 1984 Sep;24(3):259–62

Sleep disruption following a marathon. Montgomery I, et al. **J Sports Med Phys Fitness** 1985 Mar–Jun;25(1–2):69–74

Cardiospecific creatine kinase after strenuous exercise in female athletes. Ohman EM, et al. **J Sports Med Phys Fitness** 1984 Sep;24(3):270–2

Cardiac size and distance running performance. Tanaka K, et al. **J Sports Med Phys Fitness** 1985 Mar–Jun; 25(1–2):49–56

Measurement of anaerobic power and capacity in elite young track athletes using the Wingate test. Tharp GD, et al. **J Sports Med Phys Fitness** 1984 Jun;24(2):100–6

Changes in running economy relative to VO2max during a cross-country season. Wilcox AR, et al. **J Sports Med Phys Fitness** 1984 Dec;24(4):321–6

Obligatory running and anorexia nervosa [letter] Dresser R. **JAMA** 1985 Feb 15;253(7):979–80

Arterial O2 saturation and maximum O2 consumption in moderate-altitude runners exposed to sea level and 3,050 m. Tucker A, et al. **JAMA** 1984 Nov 23–30;252(20):2867–71

Intensity of jogging. Relationship with menstrual/reproductive variables. Estok PJ, et al. **JOGN Nurs** 1984 Nov–Dec;13(6):390–5

Peak blood lactate after 400 m sprinting in sprinters and long-distance runners. Ohkuwa T, et al. **Jpn J Physiol** 1984; 34(3):553–6

Runner's hematuria. Votapka T, et al. **Kans Med** 1985 Apr; 86(4):117, 129

Prevention of thermal injuries during distance running. Position stand. American College of Sports Medicine. **Med J Aust** 1984 Dec 8–22;141(12–13):876–9

1980 Melbourne marathon study. Kretsch A, et al. **Med J Aust** 1984 Dec 8–22;141(12–13):809–14

Method of predicting the number of casualties in the Sydney City-to-Surf fun runs. Richards R, et al. **Med J Aust** 1984 Dec 8–22;141(12–13):805–8

Exertion-induced heat exhaustion and other medical aspects of the City-to-Surf fun runs, 1978–1984. Richards R, et al. **Med J Aust** 1984 Dec 8–22;141(12–13):799–805

Not so fun run [editorial] Sutton JR. **Med J Aust** 1984 Dec 8–22;141(12–13):782–3

American College of Sports Medicine position stand on prevention of thermal injuries during distance running. **Med Sci Sports Exerc** 1984 Oct;16(5):ix–xiv

Influence of diuretic-induced dehydration on competitive running performance. Armstrong LE, et al. **Med Sci Sports Exerc** 1985 Aug;17(4):456–61

Aerobic requirements of overground versus treadmill running. Bassett DR Jr, et al. **Med Sci Sports Exerc** 1985 Aug;17(4):477–81

Metabolic and cinematographic analysis of walking and running in men and women. Bhambhani Y, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):131–7

Effects of shoes and foot orthotics on VO2 and selected frontal plane knee kinematics. Burkett LN, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):158–63

Failure of caffeine to affect substrate utilization during prolonged running. Casal DC, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):174–9

Kinetic sources of lower-limb angular displacement in the recovery phase of sprinting. Chapman AE, et al. **Med Sci Sports Exerc** 1984 Aug;16(4):382–8

A physiologist's view of running economy. Daniels JT. **Med Sci Sports Exerc** 1985 Jun;17(3):332–8 (86 ref.)

Specificity of arm training on aerobic power during swimming and running. Gergley TJ, et al. **Med Sci Sports Exerc** 1984 Aug;16(4):349–54

Bone mineral content and menstrual regularity in female runners. Linnell SL, et al. **Med Sci Sports Exerc** 1984 Aug; 16(4):343–8

Mechanical and physiological responses to lower extremity loading during running. Martin PE. **Med Sci Sports Exerc** 1985 Aug;17(4):427–33

Influence of intense endurance training on aerobic power of competitive distance runners. Mikesell KA, et al. **Med Sci Sports Exerc** 1984 Aug;16(4):371–5

Water intoxication: a possible complication during endurance exercise. Noakes TD, et al. **Med Sci Sports Exerc** 1985 Jun;17(3):370–5

Mechanical energy changes during treadmill running. Sakurai S, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):148–52

Physiological responses to a 20-mile run under three fluid replacement treatments. Wells CL, et al. **Med Sci Sports Exerc** 1985 Jun;17(3):364–9

More on bird attacks [letter] **N Engl J Med** 1985 Apr 18; 312(16):1066–7

From the heavens, revenge on joggers [letter] Itin P, et al. **N Engl J Med** 1984 Dec 27;311(26):1703

Cecal volvulus: a different twist for the serious runner [letter] Pruett TL, et al. **N Engl J Med** 1985 May 9;312(19):1262–3

Widely publicized jogging deaths don't negate the benefits of exercise. Polakoff PL. **Occup Health Saf** 1985 May; 54(5):60, 62

Physical training and personality factors as predictors of marathon time and training injury. McKelvie SJ, et al. **Percept Mot Skills** 1985 Apr;60(2):551–66

Fear of fat in runners: an examination of the connection between anorexia nervosa and distance running. Goldfarb LA, et al. **Psychol Rep** 1984 Aug;55(1):296

Jogger's fracture and other stress fractures of the lumbo-sacral spine. Abel MS. **Skeletal Radiol** 1985; 13(3):221–7

Bilateral avulsion fractures of the anterior superior iliac spines in sprinters. Khoury MB, et al. **Skeletal Radiol** 1985; 13(1):65–7

Applied physiology of marathon running. Sjödin B, et al. **Sports Med** 1985 Mar–Apr;2(2):83–99 (83 ref.)

The biomechanics of running. Implications for the prevention of foot injuries. Subotnick SI. **Sports Med** 1985 Mar–Apr; 2(2):144–53

The increased sensitivity of platelets to prostacyclin in marathon runners. Dix CJ, et al. **Thromb Haemost** 1984 Jul 29;51(3):385–7

Platelet volume and count after severe prolonged physical effort. Kishk YT, et al. **Thromb Res** 1985 May 15; 38(4):439–42

Stress fractures in athletes. Dowey KE, et al. **Ulster Med J** 1984;53(2):121–4

Bilateral axillary vein thrombosis. Steele K. **Ulster Med J** 1983;52(1):71–2

Gastrointestinal symptoms of marathon runners. Keeffe EB, et al. **West J Med** 1984 Oct;141(4):481–4

[Isopotential ECG mapping at rest and after loading in a control group, in leading runners and in patients with ischemic heart disease] Brodan V, et al. **Cas Lek Cesk** 1984 Jul 20;123(29):893–8 (Eng. Abstr.) **(Cze)**

[The response of plasma catecholamines in increased loading of trained runners and controls] Veselková A, et al. **Cas Lek Cesk** 1985 Feb 15;124(7):205–9 (Eng. Abstr.) **(Cze)**

[Deaths among joggers] Boesen K, et al. **Ugeskr Laeger** 1984 Dec 31;147(1):5–8 (Eng. Abstr.) **(Dan)**

[Liver shock and encephalopathy in an amateur runner] Larsen JC, et al. **Ugeskr Laeger** 1984 Dec 31;147(1):23–4 (Eng. Abstr.) **(Dan)**

[Stress fractures of the tibia in runners] Nielsen BM, et al. **Ugeskr Laeger** 1984 Nov 12;146(46):3545–6 (Eng. Abstr.) **(Dan)**

[The marathon; a justified challenge?] Kuipers H. **Ned Tijdschr Geneeskd** 1984 Aug 11;128(32):1528–30 **(Dut)**

[Energetic equivalent of the production of plasma lactate during running of supramaximal intensity] Camus G, et al. **Arch Int Physiol Biochim** 1984 Dec;92(5):361–7 (Eng. Abstr.) **(Fre)**

[Electric activity of the rectus femoris in supramaximal running] Camus G, et al. **Arch Int Physiol Biochim** 1985 Jun;93(2):75–81 (Eng. Abstr.) **(Fre)**

[Kinetics of oxygen consumption during running of supramaximal intensity in differently trained subjects] Camus G, et al. **C R Soc Biol (Paris)** 1985;179(1):107–13 (Eng. Abstr.) **(Fre)**

[Calculation of record-time in the 800-meter run: predictive value of Margaria's equation] Camus G, et al. **C R Soc Biol (Paris)** 1985;179(1):114–21 (Eng. Abstr.) **(Fre)**

[Ulcerative gastritis in long distance runners] Hilpert G, et al. **Gastroenterol Clin Biol** 1984 Dec;8(12):983 **(Fre)**

[Relation between maximal oxygen consumption and the record time in the 1500-meter run. Analysis of Lloyd's model] Camus G, et al. **J Physiol (Paris)** 1985;80(1):3–7 (Eng. Abstr.) **(Fre)**

[Peripheral arterial insufficiency in athletes (letter)] Monti M. **Rev Med Suisse Romande** 1985 May;105(5):465 **(Fre)**

[Renal and urinary sequelae of a marathon race] Péter-Contesse R, et al. **Schweiz Rundsch Med Prax** 1985 Mar 5;74(10):237–42 (Eng. Abstr.) **(Fre)**

[Intensity control and performance evaluation in jogging. Relations between respiratory step frequency and blood lactate level] Jablonski D, et al. **Fortschr Med** 1985 Jan 24;103(4):47–50 (Eng. Abstr.) **(Ger)**

[Echocardiographic studies before and after a 100-mile race on 21 female athletes] Wolff P, et al. **ROFO** 1984 Nov; 141(5):556–61 (Eng. Abstr.) **(Ger)**

[Ischemic colitis as a cause of intestinal bleeding after marathon running] Schaub N, et al. **Schweiz Med Wochenschr** 1985 Mar 30;115(13):454–7 (Eng. Abstr.) **(Ger)**

[Effect of a carbohydrate diet on the physical fitness and metabolism regulation in highly trained marathon runners] Doreste J, et al. **Schweiz Z Sportmed** 1985 Jun;33(2):47–52 (Eng. Abstr.) **(Ger)**

[Maximal aerobic capacity ans anaerobic threshold in 16-km runners] Marti B, et al. **Schweiz Z Sportmed** 1985 Jun; 33(2):41–6 (Eng. Abstr.) **(Ger)**

[Bernese runner study '84—methodology, response rate and comparison between respondents and nonrespondents] Marti B. **Soz Praventivmed** 1984;29(4–5):213–4 (Eng. Abstr.) **(Ger)**

[Doping control in race horses] Ungemach FR. **Tierarztl Prax** 1985;13(1):35–53 (Eng. Abstr.) **(Ger)**

[Determination of the energy load of erythrocytes in long-distance and medium-distance runners] Accorsi A, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1739–41 (Eng. Abstr.) **(Ita)**

[Echocardiographic evaluation of the dimension and function of the left ventricle during muscle exercise on the cycloergometer in sitting position in middle-distance runners] Sau F, et al. **Boll Soc Ital Cardiol** 1983 Oct; 28(10):863–74 (Eng. Abstr.) **(Ita)**

[Study of gaze stabilization during walking and running—observation using a vertically oscillating platform] Takahashi M, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Mar;88(3):267–72 (Eng. Abstr.) **(Jpn)**

[Functional state of erythrocytes in persons engaging in healthful running] Mishchenko VP, et al. **Gematol Transfuziol** 1985 May;30(5):39–42 **(Rus)**

[Effect of jogging on lipid peroxidation, blood coagulation and anti-aggregation properties of the vascular wall] Mishchenko VP, et al. **Vopr Med Khim** 1985 Jan–Feb; 31(1):99–102 (Eng. Abstr.) **(Rus)**

[Comparative effectiveness of microelements added to the diet of athletes during training in different seasons] Nasolodin VV, et al. **Vopr Pitan** 1984 Nov–Dec;(6):33–8 (Eng. Abstr.) **(Rus)**

[Functional state of the blood vessels in persons practicing curative running] Mishchenko VP, et al. **Vrach Delo** 1985 Apr;(4):46–9 (Eng. Abstr.) **(Rus)**

[Changes in the coronary system in middle-aged and elderly persons engaging in physical exercises for many years] Rozenberg VD. **Vrach Delo** 1985 May;(5):60–2 (Eng. Abstr.) **(Rus)**

[Medical assistance to the popular marathon in Valencia (1984)] Chuliá Campos V, et al. **Rev Esp Anestesiol Reanim** 1985 Jan–Feb;32(1):26–9 **(Spa)**

[Thicker clothing of long-distance runners protects against molluscum contagiosum] Nordin P, et al. **Lakartidningen** 1985 May 29;82(22):2081–3 **(Swe)**

RUNT DISEASE see GRAFT VS HOST DISEASE

RUPTURE, SPONTANEOUS

DIAGNOSIS

[The role of echography in abdominal aortic aneurysm with threatening or actual rupture] Bartoli E, et al. **Radiol Med (Torino)** 1984 May;70(5):319–21 **(Ita)**

RURAL HEALTH

see related

AGRICULTURAL WORKERS' DISEASES

Diarrhoeal diseases in rural Malaysia: risk factors in young children. Lye MS. **Ann Acad Med Singapore** 1984 Apr; 13(2):156–62

Two examples of environmental problems occurring in remote sparsely populated areas. Mackenzie CJ, et al. **Ann Acad Med Singapore** 1984 Apr;13(2):237–46

Malaria control by village health workers in the province of Dosso, Niger. Part. 2. Epidemiological impact. Haegeman F, et al. **Ann Soc Belg Med Trop** 1985 Jun; 65(2):145–51

Malaria control by village health workers in the province of Dosso, Niger. Part. 1. Operational analysis. Haegeman F, et al. **Ann Soc Belg Med Trop** 1985 Jun;65(2):137–44

Falls from trees and tree associated injuries in rural Melanesians. Barss P, et al. **Br Med J [Clin Res]** 1984 Dec 22–29;289(6460):1717–20

Rural practice. An interview with the chairman of the rural practices subcommittee. Farrow D. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1089–92

Medical officer in the Transkei. Farkas A. **Bristol Med Chir J** 1985 Apr;100(374):51–3

Rural civil commitment. Faulkner LR, et al. **Bull Am Acad Psychiatry Law** 1984;12(4):359–71

Seasonal variation of arsenic concentration in well water in Lane County, Oregon. Nadakavukaren JJ, et al. **Bull Environ Contam Toxicol** 1984 Sep;33(3):264–9

Primary care and the pattern of disease in a rural area of the Argentine Chaco. Brett MT. **Bull Pan Am Health Organ** 1984;18(2):115–26

An assessment of the Harding and Somogyi-Nelson procedures for plasma glucose estimation, for use in the rural hospitals. Gomo ZA, et al. **Cent Afr J Med** 1985 Jan;31(1):7–9

Assessment of the nutritional status of Nigerian rural children and mothers' perceptions of quality of life. Ojofeitimi EO. **Child Care Health Dev** 1984 Nov–Dec;10(6):349–58

Preventing rural child abuse: progress in spite of cutbacks. Andrews DD, et al. **Child Welfare** 1984 Sep–Oct; 63(5):443–52

SEARCH program targets rural physician shortage. de Castanos O. **Colo Med** 1984 Dec;81(12):313–4, 316, 318

A study of family practice needs in rural Colorado. Fryer GE Jr, et al. **Colo Med** 1984 Dec;81(12):319–20, 322, 324

The potability of rural water supplies—a pilot study. Humphrey TJ, et al. **Community Med** 1985 Feb;7(1):43–7

Development of a rural behavioral emergency training program: the Vermont experience. Bassuk EL, et al. **Community Ment Health J** 1984 Winter;20(4):313–7

The effects of increased information on intake decision making in a rural mental health center. Howe HE Jr, et al. **Community Ment Health J** 1983 Fall;19(3):201–10

Work satisfaction among rural mental health staff. Jerrell JM. **Community Ment Health J** 1983 Fall;19(3):187–200

The satellite clinic: a model for the treatment of handicapped children in towns and rural areas. Steel KO, et al. **Dev Med Child Neurol** 1985 Jun;27(3):355–63

Infections acquired in the fields and forests of the United States. Gove S, et al. **Emerg Med Clin North Am** 1984 Aug;2(3):623–33

Pattern of health care utilisation in a small rural Ethiopian town. Dagnew MB. **Ethiop Med J** 1984 Oct;22(4):173–7

Some personal views on nutrition in rural development. Beghin I. **Food Nutr (Roma)** 1983;9(2):39–44

The value of time-use data in nutrition. Lunven P. **Food Nutr (Roma)** 1983;9(2):33–8

Grassroots advocacy for the elderly in small rural communities. Brown AS. **Gerontologist** 1985 Aug; 25(4):417–23

A dental emergency service in a rural area. Wild JR. **Health Bull (Edinb)** 1984 Sep;42(5):268–70

Affiliations with multis: rurals becoming picky. Powills S. **Hospitals** 1985 Sep 1;59(17):41–2

Rural providers in the marketplace [interview by Clay Mickel] Richardson B. **Hospitals** 1985 Sep 16;59(18):102–4

Cataract surgery as an outdoor procedure in rural areas through mobile van (a new strategy for prevention of cataract blindness). Mathur A, et al. **Indian J Ophthalmol** 1984 May–Jun;32(3):165–8

The impact of rural health services in Agra sub division. Agnihotri SP, et al. **Indian J Public Health** 1984 Jan–Mar; 28(1):25–9

Planning for rural health. Seal SC. **Indian J Public Health** 1984 Jan–Mar;28(1):1–3

Health and nutritional status of rural primary school children. Rao NP, et al. **Indian Pediatr** 1984 Oct;21(10):777–83

Community participation in rural health care. Jato MN, et al. **Int Nurs Rev** 1984 Nov–Dec;31(6):180–1, 183

Analysis of 178 deaths in a rural practice. O'Meara B. **Ir Med J** 1985 Jan;78(1):19–21

Prevalence and functional correlates of low back pain in the elderly: the Iowa 65+ Rural Health Study. Lavsky-Shulan M, et al. **J Am Geriatr Soc** 1985 Jan;33(1):23–8

Housing quality and child mortality in the rural Philippines. Johnson NE, et al. **J Biosoc Sci** 1984 Oct;16(4):531–40

Impact of diethylcarbamazine treatment of selective microfilaria carriers and filarial cases under rural filaria control project in Valsad district, Gujarat. Raina VK, et al. **J Commun Dis** 1984 Sep;16(3):247–9

Medicine use among the rural elderly. Sharpe TR, et al. **J Health Soc Behav** 1985 Jun;26(2):113–27

Depression among the rural elderly. A study of prevalence and correlates. O'Hara MW, et al. **J Nerv Ment Dis** 1985 Oct;173(10):582–9

The prevalence of intestinal parasites in children living in an unincorporated area in rural northern Florida. Adams RT, et al. **J Sch Health** 1985 Feb;55(2):76–8

Nutritional assessment at village-level. Jelliffe DB, et al. **J Trop Pediatr** 1984 Dec;30(6):290–2

Physicians for rural areas [letter] Berning RA. **JAMA** 1985 Mar 15;253(11):1557

The low risk of hepatitis B in rural hospitals. Results of a seroepidemiologic survey. Harris JR, et al. **JAMA** 1984 Dec 21;252(23):3270–2

Myeloproliferative and lymphoproliferative disorders in Tasmania [letter] Doerken H. **JNCI** 1985 Jul;75(1):177

Rural health care in the developing world [letter] Lamb WH, et al. **Lancet** 1985 Feb 9;1(8424):334

Primary health care in India. Turner J. **Lancet** 1985 Feb 16; 1(8425):408–9

An orthopedic ethnography in rural Nepal. Anderson RT. **Med Anthropol** 1984 Winter;8(1):46–59

What and how? Rural teaching of sixth-year undergraduates in Northampton, WA. Hutchison R. **Med J Aust** 1984 Nov 24;141(11):713–4

Medical teaching and the rural doctor [editorial] Kamien M. **Med J Aust** 1984 Nov 10;141(10):628–9

Society, medicine, and the rural poor. 'What shall we do about the Selways?' Pust RE. **Minn Med** 1985 May; 68(5):384–6

Physicians' forum: medical direction and accountability for EMS advanced life support care in rural North Carolina. Hartley JM, et al. **NC Med J** 1985 May;46(5):271–3

Seddon Memorial Hospital x-ray screening saga [letter] Langridge CJ. **NZ Med J** 1984 Nov 14;97(767):784

Communication in the field: the aid post orderly and the health extension officer. Pataki-Schweizer KJ. **Papua New Guinea Med J** 1983 Sep-Dec;26(3-4):178-81

The impact of family planning service in rural Yangoru. Roscoe P. **Papua New Guinea Med J** 1984 Mar;27(1):16-9

Towards a national policy for the provision of village water supplies in Papua New Guinea [editorial] Smith D. **Papua New Guinea Med J** 1984 Sep-Dec;27(3-4):117-9

Impact of increased physician supply on use of health services: a longitudinal analysis in rural Minnesota. Krishan I, et al. **Public Health Rep** 1985 Jul-Aug;100(4):379-86

Farm health: a model system of primary health care. Hlady WG. **Public Health Rev** 1984;12(3-4):249-52

The Imo Project: water, sanitation, and health at the grassroots. Reid RS. **Public Health Rev** 1984;12(3-4):361-6

'Failure to thrive': lessons for health service development. Stern EC. **Public Health Rev** 1984;12(3-4):267-72

Mobile eye-care teams and rural ophthalmology in southern Africa. Hill JC. **S Afr Med J** 1984 Oct 6;66(14):531-5

Children's health and play in rural Nepal. Anderson R, et al. **Soc Sci Med** 1984;19(7):735-40

Nutrition, lactation and fertility in two Mexican rural communities. Fink AE. **Soc Sci Med** 1985;20(12):1295-305

Child mortality and economic variation among rural Mexican households. Millard AV. **Soc Sci Med** 1985;20(6):589-99

Where there is a doctor: strategies to increase productivity at lower costs. The economics of rural health care in the Dominican Republic. Ugalde A. **Soc Sci Med** 1984; 19(4):441-50

Radiology in a rural hospital. de Rhoter W. **Trop Doct** 1985 Jan;15(1):29-31

Training rural health staff for oral rehydration therapy in southern Sudan. Hetta OM, et al. **Trop Doct** 1984 Oct; 14(4):151-4

Prevention of deafness in rural tropical areas. Holborow C. **Trop Doct** 1985 Jan;15(1):39-41

Medical audit in a rural hospital. Potter AR. **Trop Doct** 1984 Oct;14(4):184-6

Analysing referral patterns to rural provincial hospitals. Pust RE. **Trop Doct** 1985 Apr;15(2):95-7

Oxygen concentrator in a remote hospital in Zaïre. Wood PB. **Trop Doct** 1985 Jan;15(1):26-7

Wringer washers and salt-lick goiter: a case for rural medicine. Walker RB. **W Va Med J** 1984 Nov;80(11):250

Two rounds of a rural health survey in Ethiopia, 1982-1983: need, objectives, preparations, data collection and evaluation of quality. Tekle-Haimanot M. **World Health Stat Q** 1985;38(1):107-26 **(Eng, Fre)**

[Psychiatric diseases in a small Alpine area--an epidemiologic field study] Hinterhuber H. **Psychiatr Prax** 1984 Nov;11(6):183-9 (Eng. Abstr.) **(Ger)**

[Studies on mass screening for gastric cancer in remote areas of Kochi Prefecture] Terada K, et al. **Gan No Rinsho** 1984 Oct;30(13):1675-9 (Eng. Abstr.) **(Jpn)**

[Studies on the birthplace of residents in the remote area] Kitamura K. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug;36(8):1223-9 (Eng. Abstr.) **(Jpn)**

[Nutrition and evaluation of the nutritional status of migrant harvest workers in the region of Ribeirão Preto, SP (Brazil)] Frederico NT, et al. **Rev Saude Publica** 1984 Oct; 18(5):375-81 (Eng. Abstr.) **(Por)**

[Hygienic study of the barrier function of local water-purification installations with regard to the chemical pollutants 'agrochemicals + surface-active agents'] Il'in IE. **Gig Sanit** 1984 Aug;(8):15-8 (Eng. Abstr.) **(Rus)**

[Role of complex social hygiene research in promoting healthy working and living conditions for rural workers] Izmerov NF, et al. **Gig Tr Prof Zabol** 1985 Mar;(3):4-9 (Eng. Abstr.) **(Rus)**

[Dispensary care for female workers in a rural locality] Malysheva ZV, et al. **Gig Tr Prof Zabol** 1984 Sep;(9):39-40 **(Rus)**

[Organization of pediatric orthopedic services in rural regions of the Moscow district and means for their improvement] Fishchenko PIa, et al. **Ortop Travmatol Protez** 1984 Dec; (12):33-5 **(Rus)**

[Creation of a model for a rural pediatric center and children's consultation clinic of the future] Testemitsanu NA, et al. **Pediatriia** 1984 Aug;(8):47-8 **(Rus)**

[Vocational rehabilitation of rural patients with tuberculosis in a sanatorium] Agzamov RA, et al. **Probl Tuberk** 1984 Dec;(12):7-9 (Eng. Abstr.) **(Rus)**

[Interrelations between human and bovine tuberculosis] Kuzina LN, et al. **Probl Tuberk** 1984 Dec;(12):13-5 (Eng. Abstr.) **(Rus)**

[Activities of specialized mobile health units of the district tuberculosis dispensary] Pakharin VI, et al. **Probl Tuberk** 1985;(3):12-5 (Eng. Abstr.) **(Rus)**

[Material and technical basis for providing medical services to the rural population by mobile health units] Pakharin VI. **Sov Med** 1984;(8):55-8 **(Rus)**

[Organization of medical services for a rural population with nonspecific lung diseases] Butorov IV, et al. **Sov Zdravookhr** 1984;(5):40-2 **(Rus)**

[Role of the Central District Hospital in the organization of medical services for rural populations] Didenko DS, et al. **Sov Zdravookhr** 1984;(8):33-6 **(Rus)**

[Activities of epidemiologists and their assistants at rural regional sanitary-epidemiologic stations] Spotarenko SS, et al. **Sov Zdravookhr** 1984;(9):29-35 (Eng. Abstr.) **(Rus)**

[Experimental model of a rural medical district] Testemitsanu NA, et al. **Sov Zdravookhr** 1984;(5):37-40 (Eng. Abstr.) **(Rus)**

[Medico-economic effectiveness of dispensary care for patients with chronic nonspecific lung diseases in a rural locality] Butorov IV, et al. **Ter Arkh** 1985;57(1):68-70 (Eng. Abstr.) **(Rus)**

[Soil properties and the etiology of ascariasis in humans] Rudichenko VF, et al. **Vrach Delo** 1985 Jun;(6):108-11 **(Rus)**

[Experience of the Preventive Services Department of the Central Regional Hospital with regard to the preparation and conducting of the annual mass screening of the rural population] Samson EI, et al. **Vrach Delo** 1985 May;(5):9-11 **(Rus)**

[Epidemiological study of trichinosis in a rural community in Chile] Núñez F, et al. **Bol Chil Parasitol** 1984 Jan-Jun; 39(1-2):13-5 (Eng. Abstr.) **(Spa)**

[Detection and control of arterial hypertension in a rural environment] Rodríguez Martín R, et al. **Med Clin (Barc)** 1984 Oct 20;83(12):485-8 (Eng. Abstr.) **(Spa)**

[Improved health in Zimbabwe's rural areas as a result of the rural development project] Dahlin K, et al. **Lakartidningen** 1984 Sep 5;81(36):3141-3 **(Swe)**

STANDARDS

[Providing sanitary-epidemiological measures for improving the health of the rural population of the Donetsk district] Arykh AM, et al. **Gig Sanit** 1985 Jan;(1):77-8 **(Rus)**

[Activities of the Brest regional sanitary-epidemiological station in carrying out sanitary control of rural facilities] Dobriianin AM, et al. **Gig Sanit** 1985 Jan;(1):74-5 **(Rus)**

[Current problems of the safe use of chemicals in agriculture] Dorofeev VM, et al. **Gig Sanit** 1985 Jan;(1):82-4 **(Rus)**

[Approaches to the standardization of farms infested with Ornithodoros ticks] Reznik EP, et al. **Med Parazitol (Mosk)** 1985 Mar-Apr;(2):77-83 (Eng. Abstr.) **(Rus)**

[Improving medical services for children in rural communities] Avramenko AI. **Sov Zdravookhr** 1984; (5):30-2 (Eng. Abstr.) **(Rus)**

[Method of grouping rural areas for developing and improving health services] Maslenkova IV, et al. **Sov Zdravookhr** 1984;(8):8-12 (Eng. Abstr.) **(Rus)**

TRENDS

Determining the need for mental health services in rural areas. Flaskerud JH, et al. **Am J Community Psychol** 1984 Aug;12(4):497-509

Some observations on perinatal mortality in rural health centre. Damodar, et al. **Indian J Pediatr** 1983 Nov-Dec; 50(407):629-33

Rural maternal and child health problems: challenges and prospects. Khanjanasthiti P. **J Med Assoc Thai** 1984 Oct; 67 Suppl 2:110-4

Representative Hertel hopes to fill medical care gaps in underserved rural Michigan. Eberly C. **Mich Med** 1985 May;84(5):288-9

Rural community support programs: the experience in three Wisconsin counties. Diamond RJ, et al. **New Dir Ment Health Serv** 1985 Jun;(26):49-58

Difficulties involved in taking health services to the people: the example of a public health care center in a Caracas barrio. Rakowski CA, et al. **Soc Sci Med** 1985;21(1):67-75

Clean water provision in rural areas of less developed countries. Roundy RW. **Soc Sci Med** 1985;20(3):293-300

Problems of rural health workers. Petit PL. **Trop Doct** 1985 Jan;15(1):44-5

Thirty-seven miles up highway 70. Cohen LJ, et al. **West J Med** 1985 May;142(5):710-1

[Mobile health office accessory station--a study] Corinth G. **Off Gesundheitswes** 1985 Jan;47(1):37-9 **(Ger)**

[Main trends in the development of obstetrical and gynecological services for the rural female population] Baklaenko NG, et al. **Akush Ginekol (Mosk)** 1984 Aug; (8):3-5 **(Rus)**

[Organization of the rehabilitation of patients with myocardial infarction in rural areas] Efremushkin GG, et al. **Kardiologiia** 1984 Nov;24(11):115-6 **(Rus)**

[Development of rural health services in the Yaroslav district] Lozinskii BR. **Sov Med** 1985;(4):64-8 **(Rus)**

[The medical institute's mobile health units in rendering rural health services] Lutsenko MT, et al. **Sov Zdravookhr** 1985; (3):50-1 **(Rus)**

[Methods of dispensarization of a rural population] Safonov AG. **Sov Zdravookhr** 1985;(4):10-5 **(Rus)**

RURAL POPULATION

Successful rural black adolescents: a psychosocial profile. Lee CC. **Adolescence** 1985 Spring;20(77):129-42

Labor risk assessment in a rural community hospital. Smith M, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):569-74

An evaluation of subsidized rural primary care programs: IV. Impact of the rural hospital on clinic self-sufficiency. McLaughlin CP, et al. **Am J Public Health** 1985 Jul; 75(7):749-53

Public opinion on and potential demand for vasectomy in semi-rural Guatemala. Santiso R, et al. **Am J Public Health** 1985 Jan;75(1):73-5

Anthropometric profile of rural school-children of Byelorussian Polesye. Verenich GI. **Anthropol Anz** 1984 Sep;42(3):227-30

Psychiatric disorders. A rural/urban comparison. Blazer D, et al. **Arch Gen Psychiatry** 1985 Jul;42(7):651-6

Observations on the health problems of a rural population--the Ampara experience. Edwards R, et al. **Ceylon Med J** 1984 Sep;29(3):147-52

Using primary-school children to improve child-rearing practices in rural Jamaica. Knight J, et al. **Child Care Health Dev** 1985 Mar-Apr;11(2):81-90

Staffing patterns in rural health services for children and adolescents. Jerrell JM, et al. **Community Ment Health J** 1984 Fall;20(3):212-22

A study of mental health administrators and systems utilizing a four-part rural/urban taxonomy. Perlman B, et al. **Community Ment Health J** 1984 Fall;20(3):202-11

Symptomatic differences between the sexes in rural Mexico Finkler K. **Cult Med Psychiatry** 1985 Mar;9(1):27-57

A multilevel model of family planning availability and contraceptive use in rural Thailand. Entwisle B, et al. **Demography** 1984 Nov;21(4):559-74

Fertility adaptation of rural-to-urban migrant women: a method of estimation applied to Korean women. Farber SC, et al. **Demography** 1984 Aug;21(3):339-45

Nonmetropolitan growth in the late 1970s: the end of the turnaround? Richter K. **Demography** 1985 May; 22(2):245-63

Alcohol abuse in a rural community in India. Part II characteristics of alcohol users. Mohan D, et al. **Drug Alcohol Depend** 1984 Oct;14(2):121-8

Health, nutrition and fertility. A review of correlates in rural development. Uyanga J. **Ecol Dis** 1982;1(1):45-58 (101 ref.)

Reciprocity as a coping strategy of the elderly: a rural Irish perspective. James A, et al. **Gerontologist** 1984 Oct; 24(5):483-9

Age, trust, and perceived safety from crime in rural areas Mullen RE, et al. **Gerontologist** 1985 Jun;25(3):237-42

An exploration of stressful life events, illness, and coping among the rural elderly. Preston DB, et al. **Gerontologist** 1984 Oct;24(5):490-4

A longitudinal study of growth and maturation in rural Thailand. Bailey SM, et al. **Hum Biol** 1984 Sep;56(3):530-5

Anthropometric differences between rural and urban French-Canadian schoolchildren. Thibault HW, et al. **Hum Biol** 1985 Feb;57(1):113-29

Blood pressure and associated factors in a rural Kenyan community. Poulter N, et al. **Hypertension** 1984 Nov-Dec; 6(6 Pt 1):810-3

An epidemiological study of leprosy in a rural community of Pondicherry. Reddy BN, et al. **Ind J Lepr** 1984 Jan-Mar; 56(1):15-23

Neonatal mortality pattern in rural based medical college hospital. Bhatia BD, et al. **Indian J Pediatr** 1984 May-Jun; 51(410):309-12

Socio-economic correlates of fertility and contraceptive practices amongst target couples of a rural community Bhattacharya M, et al. **Indian J Public Health** 1984 Jul-Sep; 28(3):139-46

Extent of utilisation of maternal care services of P.H.C. by the families of a rural area. Ray SK, et al. **Indian J Public Health** 1984 Jul-Sep;28(3):122-7

A longitudinal study on morbidity pattern amongst housewives in rural Rajasthan. Sharma RS, et al. **Indian J Public Health** 1984 Jul-Sep;28(3):132-8

Parasitic infestations in primary school children Subbannayya K, et al. **Indian Pediatr** 1984 Jun;21(6):479-8

The challenge of rural dermatologic care in developing countries. Cañizares O. **Int J Dermatol** 1985 Jun; 24(5):333-6

Risk factors for coronary heart disease in rural Hungary Lamm G, et al. **Int J Epidemiol** 1985 Jun;14(2):327-9

Colorectal cancer in a rural population. Horgan K, et al. **Ir J Med Sci** 1984 Aug;153(8):279-81

Consanguineous marriage among rural Arabs in Israel Freundlich E, et al. **Isr J Med Sci** 1984 Nov;20(11):1035-

Prevalence of hypertension in a rural community of Rajasthan. Baldwa VS, et al. **J Assoc Physicians India** 1984 Dec;32(12):1045-7

Consanguinity and social change: an isonymic study of a French peasant population, 1870-1979. Crognier E. **J Biosoc Sci** 1985 Jul;17(3):267-79

Socioeconomic status and fertility in rural Bangladesh Shaikh K, et al. **J Biosoc Sci** 1985 Jan;17(1):81-9

Fertility and social class in a French village, 1901-75. White PE. **J Biosoc Sci** 1985 Jul;17(3):253-65

Bancroftian filariasis in two selected rural communities in Puri district: Orissa--a comparative study of filariometric data. Rath RN, et al. **J Commun Dis** 1984 Jun;16(2):104-

Campylobacter infection in urban and rural populations in Scotland. Sibbald CJ, et al. **J Hyg (Lond)** 1985 Aug; 95(1):87-93

Thailand: breast feeding practice in rural villages in the northeast during 1981-1982. Viriyapanich T, et al. **J Med Assoc Thai** 1984 Oct;67 Suppl 2:42-5

Bringing baccalaureate nursing education to the rural setting Predhomme J. **J Nurs Educ** 1985 Mar;24(3):123-5

Reasons for drinking among the elderly in rural Arizona Christopherson VA, et al. **J Stud Alcohol** 1984 Sep; 45(5):417-23

Birthweights in a rural Solomon Island population. Strat M. **J Trop Pediatr** 1984 Dec;30(6):293-6

Relationships between blood selenium concentrations grasping power, blood pressure, hematcrit, and hemoglobin concentrations in Japanese rural residents. Deguchi Y. **Nippon Eiseigaku Zasshi** 1985 Feb;39(6):924–9

Anxiety, depression, and hostility in rural women. Hertsgaard D, et al. **Psychol Rep** 1984 Oct;55(2):673–4

Blood lead levels in Malaysian urban and rural pregnant women. Lim HH, et al. **Public Health** 1985 Jan;99(1):23–9

Geographical and socioeconomic distribution of high blood pressure and borderline high blood pressure in a Swedish rural county. Haglund BJ. **Scand J Soc Med** 1985; 13(2):53–66

Geographical and socioeconomic distribution of physical activity at work and leisure time and its relation to morbidity in a Swedish rural county. Haglund BJ. **Scand J Soc Med** 1984;12(4):155–64

Type A behaviour in two ethnic rural communities of males in Israel with and without coronary heart disease. Stockwell N, et al. **Soc Sci Med** 1985;20(4):331–4

Psychiatric symptomatology among Mexican American farmworkers. Vega W, et al. **Soc Sci Med** 1985;20(1):39–45

Inadequate tetanus protection among the rural elderly. Scher KS, et al. **South Med J** 1985 Feb;78(2):153–6

Measuring accessibility to family planning services in rural Thailand. Chayovan N, et al. **Stud Fam Plann** 1984 Sep–Oct;15(5):201–11

The effect of previous child death on infant and child mortality in rural Nepal. Gubhaju BB. **Stud Fam Plann** 1985 Jul–Aug;16(4):231–6

Noncompliance among oral contraceptive acceptors in rural Bangladesh. Seaton B. **Stud Fam Plann** 1985 Jan–Feb; 16(1):52–9

Strengthening government health and family planning programs: findings from an action research project in rural Bangladesh. Simmons R, et al. **Stud Fam Plann** 1984 Sep–Oct;15(5):212–21

Suicide and rurality in urban society. Wilkinson KP, et al. **Suicide Life Threat Behav** 1984 Fall;14(3):187–200

Comparative studies on vascular disorders in diabetics between urban and rural districts. Satogami E, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:541–5

Prevalence of diabetes mellitus in a rural area of Japan: by 75 g OGTT. Takashina S, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:235–41

The prevalence of hypertension in 4,993 rural Zulus. Seedat YK, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):785–9

Training programme for rural midwives in Mozambique. Murphy D, et al. **Trop Doct** 1985 Jul;15(3):146–7

Supervised intermittent chemotherapy for pulmonary tuberculosis in a rural area of China. Kan GQ, et al. **Tubercle** 1985 Mar;66(1):1–7

Endemic Kawasaki disease in rural Wisconsin. Sutton TM, et al. **Wis Med J** 1985 Mar;84(3):23–5

[A survey on oral leukoplakia among the Vighur, Han and Khazak peoples in rural and farming areas in Xinjiang] Mu J. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Jun; 19(2):114–6 **(Chi)**

[Role of paramedical personnel in the epidemiological surveillance of the intertropical rural environment. The example of the Ivory Coast] Gateff C. **Arch Belg** 1984; 42(1–2):117–29 **(Fre)**

[Stigmatization of psychiatric patients: the city versus the country] Angermeyer MC, et al. **Psychother Psychosom Med Psychol** 1985 Mar–Apr; 35(3–4):99–103 (Eng. Abstr.) **(Ger)**

[Status of appendicitis in a rural district] Zachert A, et al. **Zentralbl Chir** 1985;110(11):671–7 (Eng. Abstr.) **(Ger)**

[Medical genetic research on the Khanty population of the Ovgort rural district of the Yamal–Nenets Autonomous territory] Puzyrev VP, et al. **Genetika (Moskva)** 1985 Feb; 21(2):332–7 (Eng. Abstr.) **(Rus)**

[Experience in using a questionnaire method to study the working conditions and way of life of rural women workers] Karakashian AN. **Gig Sanit** 1985 Apr;(4):59–60 **(Rus)**

[Adaptive potentialities and physical preparedness in rural school children] Kiselev LV. **Gig Sanit** 1985 Apr;(4):51–4 (Eng. Abstr.) **(Rus)**

[Dispensary observation of patients with nonspecific respiratory diseases--rural inhabitants] Butorov IV, et al. **Probl Tuberk** 1985;(4):14–7 (Eng. Abstr.) **(Rus)**

[Ischemic heart disease and its relation to basic risk factors among the rural population] Nasyrov MM, et al. **Ter Arkh** 1985;57(1):22–4 (Eng. Abstr.) **(Rus)**

[Arterial blood pressure levels of adolescents and their parents in a rural district (an epidemiological study)] Tursunov SIu, et al. **Ter Arkh** 1985;57(1):58–61 (Eng. Abstr.) **(Rus)**

RUSSELL'S VIPER VENOM TIME see **PROTHROMBIN TIME**

RUTAMYCIN see under **OLIGOMYCINS**

RUTHENIUM

Ruthenium hexammine trichloride–positive materials in developing mouse molar predentine and intercellular spaces between preodontoblasts. Furuhashi K, et al. **J Electron Microsc (Tokyo)** 1984;33(4):384–7

Preparation and characterization of pentaammineruthenium–(histidine–83)azurin: thermodynamics of intramolecular electron transfer from ruthenium to copper. Margalit R, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6554–8

[Application of the improved ruthenium red staining for detection of the ultrastructure of acid glycosaminoglycans] Ishii M, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jun; 94(7):845–7 **(Jpn)**

DIAGNOSTIC USE

Autoradiographical investigations on the affinity of acetyl–(103Ru)–ruthenocene for the adrenal glands of mice. Herken R, et al. **Eur J Nucl Med** 1985;10(1–2):56–9

Ru–labeled ruthenocenoyl–glycine: comparison of clearance with hippuran. Wenzel M, et al. **Eur J Nucl Med** 1985; 10(3–4):138–42

Adrenal–affinity of ruthenocenyl–derivatives of biogenic amines. Wenzel M, et al. **Int J Nucl Med Biol** 1985;12(1):1–2

Glycocalyx and ruthenium red labeling of Legionella pneumophila [letter] Rodgers FG, et al. **J Clin Microbiol** 1984 Dec;20(6):1228–9

The use of improved ruthenium red staining for the ultrastructural detection of proteoglycan aggregates in normal skin and lichen myxoedematosus. Ishii M, et al. **J Cutan Pathol** 1984 Aug;11(4):292–5

Ultrastructure of mycoplasmal capsules as revealed by stabilization with antiserum and staining with ruthenium red. Tajima M, et al. **Nippon Juigaku Zasshi** 1985 Apr; 47(2):217–23

An attempt to measure glomerular plasma flow by the cationic dyes alcian blue and ruthenium red. Lavik OJ, et al. **Renal Physiol** 1985;8(3):136–9

[Electron microscopic studies of pretibial myxoedema using ruthenium red staining] Nakagawa K, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Sep;94(10):1141–8 **(Jpn)**

[Ultrastructural features of human articular cartilage after fixation in the presence of ruthenium red] Jakubovský J, et al. **Bratisl Lek Listy** 1984 Oct;82(4):1169–79 (Eng. Abstr.) **(Slo)**

METABOLISM

Effect of the calcium entry blocker, flunarizine, on ruthenium red uptake by endothelial cells following acute electrical stimulation of rabbit carotid arteries. Viele D, et al. **Basic Res Cardiol** 1985 Jan–Feb;80(1):59–65

The binding of Ruthenium red to tubulin. Deinum J, et al. **Biochim Biophys Acta** 1985 Feb 15;838(2):197–205

Cytochrome b reduction by hexaammineruthenium in mitochondria and submitochondrial particles. Evidence for heme b–562 localization at the M–side of the mitochondrial membrane. Kunz WS, et al. **FEBS Lett** 1984 Sep 17; 175(1):100–4

Sex–dependent organ distribution of radiopharmaceuticals: effect of hormones on localization of acetyl–103Ru–ruthenocene. Shani J, et al. **Int J Nucl Med Biol** 1985;12(1):13–9

PHARMACODYNAMICS

Filamentous growth of Escherichia coli K12 elicited by dimeric, mixed–valence complexes of ruthenium. Gibson JF, et al. **Arch Microbiol** 1984 Oct;139(2–3):265–71

Ruthenium red and caffeine affect the Ca2+–ATPase of the sarcoplasmic reticulum. Mészáros LG, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):836–42

Inhibition of ruthenium red–induced Ca2+ efflux from liver mitochondria by the antibiotic X–537A. Pereira da Silva L, et al. **Biochem Biophys Res Commun** 1984 Oct 15; 124(1):80–6

On the state of calcium ions in isolated rat liver mitochondria IV. Prevention of phosphate–induced mitochondrial destruction by ruthenium red–insensitive calcium release. Blaich G, et al. **Biol Chem Hoppe Seyler** 1985 May; 366(5):515–9

Filamentation of Escherichia coli K12 elicited by some monomeric, dimeric and trimeric complexes of ruthenium in various oxidation states. Gibson JF, et al. **Chem Biol Interact** 1985 May;53(3):351–64

On the state of calcium ions in isolated rat liver mitochondria. III. Diversity of ruthenium red action on different calcium pools. Blaich G, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jul;365(7):763–71

Effects of phospholipase A2 inhibitors on ruthenium red–induced Ca2+ release from mitochondria. Broekemeier KM, et al. **J Biol Chem** 1985 Jan 10; 260(1):105–13

Ruthenium red: differential effects on excitation and excitation–contraction coupling in frog skeletal muscle. Snowdowne KW, et al. **J Muscle Res Cell Motil** 1984 Aug; 5(4):399–410

THERAPEUTIC USE

[Treatment of malignant melanomas of the uvea with 106–ruthenium applicators. Report on the first 100 Essen cases] Foerster MH, et al. **Klin Monatsbl Augenheilkd** 1984 Dec;185(6):490–4 (Eng. Abstr.) **(Ger)**

RUTHENIUM RED see under **RUTHENIUM**

RUTIN

ANALOGS & DERIVATIVES

Protective effects of O–(beta–hydroxyethyl)–rutosides (HR) against adriamycin–induced toxicity in rats. Gulati OP, et al. **Arch Int Pharmacodyn Ther** 1985 Feb;273(2):323–34

Flavonoid–induced delay in the small intestinal transit: possible mechanism of action. Viswanathan S, et al. **Arch Int Pharmacodyn Ther** 1984 Jul;270(1):151–7

The effect of HR (O–Beta–Hydroxyethylo–Rutoside, Venoruton) on the deformability of erythrocytes in patients with arteriosclerosis obliterans of lower limbs. Lukjan H, et al. **Folia Haematol (Leipz)** 1985;112(1):191–6

Nirurin: a new prenylated flavanone glycoside from Phyllanthus nirurii. Gupta DR, et al. **J Nat Prod** 1984 Nov–Dec;47(6):958–63

Metabolism and pharmacokinetics of hydroxyethylated rutosides in animals and man. Balant LP, et al. **Q Rev Drug Metab Drug Interact** 1984;5(1):1–24 (53 ref.)

The effect of O–(beta–hydroxyethyl)–rutosides on central haemodynamics during and after aortocoronary bypass surgery. Ekeström S, et al. **Scand J Thorac Cardiovasc Surg** 1984;18(3):255–8

Hydroxyethylrutosides during extracorporeal circulation: effect on erythrocyte deformability. Sonnenfeld T, et al. **Scand J Thorac Cardiovasc Surg** 1985;19(1):85–7

Rutoside and the X–ray induced damage in jejunal mucosa of mouse. Rao KR, et al. **Strahlentherapie** 1984 Oct; 160(10):624–6

[Reproduction toxicologic studies on rats following oral administration of benzopyrone preparations] Preuss–Ueberschär C, et al. **Arzneimittelforsch** 1984; 34(10):1305–13 (Eng. Abstr.) **(Ger)**

[HPLC determination of troxerutin in plasma and urine following oral administration in man] Dittrich P, et al. **Arzneimittelforschung** 1985;35(4):765–7 (Eng. Abstr.) **(Ger)**

[Benzopyrone in the therapy of postreconstructive edema. A clinical double–blind study] Becker HM, et al. **Fortschr Med** 1985 Jun 6;103(21):593–6 (Eng. Abstr.) **(Ger)**

[Pharmacolymphography with Venalot and Venoruton--a 7 years' report] Schmidt F, et al. **Radiol Diagn (Berl)** 1985; 26(1):41–51 (Eng. Abstr.) **(Ger)**

METABOLISM

Potential mutagenic activity of some vitamin preparations in the human gut. Mader JA, et al. **Appl Environ Microbiol** 1984 Oct;48(4):902–4

Effect of bile acids on formation of the mutagen, quercetin, from two flavonol glycoside precursors by human gut bacterial preparations. Mader JA, et al. **Mutat Res** 1985 Mar;155(3):99–104

PHARMACODYNAMICS

[Action of rutoside and procaine–rutin on membrane potentials] Neacşu I, et al. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct–Dec; 88(4):677–80 (Eng. Abstr.) **(Rum)**

THERAPEUTIC USE

[Trial of phlebo–lymphologic therapeutics in the treatment of mastodynia] Giraud D. **Rev Fr Gynecol Obstet** 1984 Mar; 79(3):229–32 **(Fre)**

[Basic studies on enzyme therapy of immune complex diseases] Steffen C, et al. **Wien Klin Wochenschr** 1985 Apr 12;97(8):376–85 (Eng. Abstr.) **(Ger)**

[Venacorn or anavenol in the prevention of thromboembolic complications in pregnant women] Liber Z, et al. **Wiad Lek** 1984 Apr 15;37(8):613–8 (Eng. Abstr.) **(Pol)**

RYANODINE see under **ALKALOIDS**

RYE see under **CEREALS**

S PERIOD see **INTERPHASE**

SABIN VACCINE see **POLIOVIRUS VACCINE, ORAL**

SACCADES see under **EYE MOVEMENTS**

SACCHARIN

Saccharin: current status. **Food Chem Toxicol** 1985 Apr–May; 23(4–5):417–546

Effects of saccharin and urine on the decomposition of N–nitrosomethylurea. Miller CT. **IARC Sci Publ** 1984; (57):377–83

Acceptability of aspartame– and saccharin–sweetened fruits to users and nonusers of artificial sweeteners. Kunkel ME, et al. **J Am Diet Assoc** 1985 Sep;85(9):1143–5

ADMINISTRATION & DOSAGE

On the role of the mouth and gut in the control of saccharin and sugar intake: a reexamination of the sham–feeding preparation. Sclafani A, et al. **Brain Res Bull** 1985 Jun; 14(6):569–76

Concurrent phencyclidine and saccharin access: presentation of an alternative reinforcer reduces drug intake. Carroll ME. **J Exp Anal Behav** 1985 Jan;43(1):131–44

Effects of chronically elevated intake of different concentrations of saccharin on morphine tolerance in genetically selected rats. Cohen E, et al. **Physiol Behav** 1984 Jun;32(6):1041-3

ANALOGS & DERIVATIVES

The effect of furoyl saccharin, a novel non-peptidic acylating protease inhibitor, on experimental emphysema in the hamster. Martorana PA, et al. **Eur J Respir Dis** 1985 Apr; 66(4):297-301

Characterization of aminosaccharins in commercial sodium saccharin produced by the Maumee process. Radford T, et al. **Food Chem Toxicol** 1985 Apr-May;23(4-5):419-28

ANALYSIS

Spectrophotometric determination of sodium cyclamate and saccharin sodium with Astrazone pink FG. Güven KC, et al. **Analyst** 1984 Jul;109(7):969-70

Characterization of aminosaccharins in commercial sodium saccharin produced by the Maumee process. Radford T, et al. **Food Chem Toxicol** 1985 Apr-May;23(4-5):419-28

Extraction of organic acids by ion-pair formation with tri-n-octylamine. Part 6. Determination of sorbic acid, benzoic acid, and saccharin in yogurt. Puttemans ML, et al. **J Assoc Off Anal Chem** 1985 Jan-Feb;68(1):80-2

Extraction of organic acids by ion-pair formation with tri-n-octylamine. Part V. Simultaneous determination of synthetic dyes, benzoic acid, sorbic acid, and saccharin in soft drinks and lemonade syrups. Puttemans ML, et al. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):880-5

Liquid chromatographic determination of quinine, hydroquinine, saccharin, and sodium benzoate in quinine beverages. Valenti LP. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):782-4

METABOLISM

Metabolism of food toxicants: saccharin and aflatoxin B1, a contrast in metabolism and toxicity. Byard JL. **Adv Exp Med Biol** 1984;177:147-51

The disposition of saccharin in animals and man--a review. Renwick AG. **Food Chem Toxicol** 1985 Apr-May; 23(4-5):429-35 (34 ref.)

PHARMACODYNAMICS

Effect of short-term administration of sodium saccharin on rhesus monkeys. Westland JA, et al. **Food Chem Toxicol** 1984 Dec;22(12):931-4

Saccharin induces morphological changes and enhances prolactin production in GH4C1 cells. Brennessel BA, et al. **In Vitro Cell Dev Biol** 1985 Jul;21(7):402-8

Effect of sodium saccharin on rat pancreatic enzyme secretion. Kondoh M, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Dec;30(6):569-76

Effect of saccharin on growth and acid production of glucose-grown pathogenic and oral bacteria. Linke HA, et al. **Microbios** 1985;42(169-170):163-73

Effects of sodium saccharin on the activity of trypsin, chymotrypsin, and amylase and upon bacteria in small intestinal contents of rats. Naim M, et al. **Proc Soc Exp Biol Med** 1985 Mar;178(3):392-401

[Rheological and suspension characteristics of preserved donor blood stabilized with sodium saccharate] Krishtof AN, et al. **Gematol Transfuziol** 1985 Feb;30(2):19-22 (Eng. Abstr.) **(Rus)**

TOXICITY

Effects on mouse embryos of in utero exposure to saccharin: teratogenic and chromosome effects. Dropkin RH, et al. **Arch Toxicol** 1985 Feb;56(4):283-7

Lack of specific inhibition of DNA repair in WI-38 human diploid fibroblasts by sodium saccharin. Skare JA, et al. **Cancer Lett** 1985 Mar;26(2):191-200

Initiation of urinary bladder carcinogenesis in rats by freeze ulceration with sodium saccharin promotion. Hasegawa R, et al. **Cancer Res** 1985 Apr;45(4):1469-73

Saccharin--current status. Report of an expert panel. Scientific review group. **Food Chem Toxicol** 1985 Apr-May;23(4-5):543-6

Some changes in gastro-intestinal metabolism and in the urine and bladders of rats in response to sodium saccharin ingestion. Anderson RL. **Food Chem Toxicol** 1985 Apr-May;23(4-5):457-63

The genotoxicity of sodium saccharin and sodium chloride in relation to their cancer-promoting properties. Ashby J. **Food Chem Toxicol** 1985 Apr-May;23(4-5):507-19 (114 ref.)

A cancer risk assessment for saccharin. Carlborg FW. **Food Chem Toxicol** 1985 Apr-May;23(4-5):499-506

Multi-stage carcinogenesis in the urinary bladder. Cohen SM. **Food Chem Toxicol** 1985 Apr-May;23(4-5):521-8

Bladder freeze ulceration and sodium saccharin feeding in the rat: examination for urinary nitrosamines, mutagens and bacteria, and effects on hepatic microsomal enzymes. Hasegawa R, et al. **Food Chem Toxicol** 1984 Dec; 22(12):935-42

Promotion: is saccharin a promoter in the urinary bladder? Hicks RM. **Food Chem Toxicol** 1984 Sep;22(9):755-60 (42 ref.)

The urinary excretion of bacterial amino-acid metabolites by rats fed saccharin in the diet. Lawrie CA, et al. **Food Chem Toxicol** 1985 Apr-May;23(4-5):445-50

A review of epidemiological studies on artificial sweeteners and bladder cancer. Morgan RW, et al. **Food Chem Toxicol** 1985 Apr-May;23(4-5):529-33 (38 ref.)

Highlights in the history of saccharin toxicology. Oser BL. **Food Chem Toxicol** 1985 Apr-May;23(4-5):535-42

The effect of saccharin on the microbial metabolism of tryptophan in man. Roberts A, et al. **Food Chem Toxicol** 1985 Apr-May;23(4-5):451-5

The effects of high dietary levels of sodium saccharin on mineral and water balance and related parameters in rats. Schoenig GP, et al. **Food Chem Toxicol** 1985 Apr-May; 23(4-5):465-74

Evaluation of the dose response and in utero exposure to saccharin in the rat. Schoenig GP, et al. **Food Chem Toxicol** 1985 Apr-May;23(4-5):475-90

The microbial metabolism of tryptophan in rats fed a diet containing 7.5% saccharin in a two-generation protocol. Sims J, et al. **Food Chem Toxicol** 1985 Apr-May; 23(4-5):437-44

Histopathological evaluation of rat urinary bladders from the IRDC two-generation bioassay of sodium saccharin. Squire RA. **Food Chem Toxicol** 1985 Apr-May;23(4-5):491-7

Toxicology of saccharin. Arnold DL. **Fundam Appl Toxicol** 1984 Oct;4(5):674-85 (70 ref.)

[Ocular lesions induced by saccharin and its pollutants in the rat fetus] Colson A, et al. **J Fr Ophtalmol** 1984; 7(5):399-410 (Eng. Abstr.) **(Fre)**

SACCHAROMYCES

Prevention of clindamycin-induced mortality in hamsters by Saccharomyces boulardii. Toothaker RD, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):552-6

[Treatment of acute infantile diarrhea: controlled trial of Saccharomyces boulardii] Chapoy P. **Ann Pediatr (Paris)** 1985 Jun;32(6):561-3 (Eng. Abstr.) **(Fre)**

[Prevention of diarrhea during nasogastric tube feeding] Lopez I, et al. **Rev Med Brux** 1985 Jan;6(1):29-31 (Eng. Abstr.) **(Fre)**

ANALYSIS

Identification of yeast 60 S ribosomal proteins crosslinked to rRNA by 2-iminothiolane. el-Baradi TT, et al. **FEBS Lett** 1985 Jul 1;186(1):26-30

DRUG EFFECTS

Regulation of respiration and its related metabolism by vitamin B1 and vitamin B6 in Saccharomyces yeasts. Kamihara T, et al. **Adv Biochem Eng Biotechnol** 1984; 29:35-82 (91 ref.)

Morphological and genetic effects of benomyl on polyploid brewing yeasts: isolation of auxotrophic mutants. Bilinski CA, et al. **Appl Environ Microbiol** 1984 Oct;48(4):813-7

ENZYMOLOGY

A DNA primase from yeast. Purification and partial characterization. Jazwinski SM, et al. **J Biol Chem** 1985 Apr 25;260(8):4995-5002

[The effect of exogenous RNA and their fragments on yeast beta-galactosidase activity] Likhacheva LI, et al. **Ukr Biokhim Zh** 1984 Jul-Aug;56(4):384-90 (Eng. Abstr.) **(Rus)**

GENETICS

A DEX gene conferring production of extracellular amyloglucosidase on yeast. Meaden P, et al. **Gene** 1985; 34(2-3):325-34

Polymorphic extracellular glucoamylase genes and their evolutionary origin in the yeast Saccharomyces diastaticus. Yamashita I, et al. **J Bacteriol** 1985 Feb;161(2):574-82

Nucleotide sequence of the extracellular glucoamylase gene STA1 in the yeast Saccharomyces diastaticus. Yamashita I, et al. **J Bacteriol** 1985 Feb;161(2):567-73

Plasmids resembling 2-micrometers DNA in the osmotolerant yeasts Saccharomyces bailii and Saccharomyces bisporus. Toh-e A, et al. **J Gen Microbiol** 1984 Oct;130 (Pt 10):2527-34

Molecular and functional organization of yeast plasmid pSR1. Araki H, et al. **J Mol Biol** 1985 Mar 20;182(2):191-203

Identification of sites required for repression of a silent mating type locus in yeast. Feldman JB, et al. **J Mol Biol** 1984 Oct 5;178(4):815-34

Organization of the MAL loci of Saccharomyces. Physical identification and functional characterization of three genes at the MAL6 locus. Cohen JD, et al. **MGG** 1985;200(1):1-8

Evolution of yeast ribosomal DNA: molecular cloning of the rDNA units of Kluyveromyces lactis and Hansenula wingei and their comparison with the rDNA units of other Saccharomycetoideae. Verbeet MP, et al. **MGG** 1984; 195(1-2):116-25

Yeast contains two functional genes coding for ribosomal protein S10. Leer RJ, et al. **Nucleic Acids Res** 1985 Jul 25;13(14):5027-39

Evaluation of heterologous ARS activity in S. cerevisiae using cloned DNA from S. pombe. Maundrell K, et al. **Nucleic Acids Res** 1985 May 24;13(10):3711-22

A comparison of yeast ribosomal protein gene DNA sequences. Teem JL, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8295-312

Physical and functional structure of a yeast plasmid, pSB3, isolated from Zygosaccharomyces bisporus. Toh-e A, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4267-83

[Mutability of the LYS2 gene in diploid saccharomycete yeasts. I. The occurrence of spontaneous mutants and mutants induced by x-ray and ultraviolet radiation] Chernov IuO, et al. **Genetika** 1985 Apr;21(4):564-73 (Eng Abstr.) **(Rus**

METABOLISM

The glucose-dependent transport of L-malate in Zygosaccharomyces bailii. Baranowski K, et al. **Antonie Van Leeuwenhoek** 1984;50(4):329-40

Transmembrane gradient of K+ ions as an energy source in the yeast Saccharomyces carlsbergensis. Okorokov LA, et al. **Biochem Int** 1983 Apr;6(4):463-72

Changes of ATP, polyphosphate and K+ contents in Saccharomyces carlsbergensis during uptake of Mn2+ and glucose. Okorokov LA, et al. **Biochem Int** 1983 Apr; 6(4):481-8

Stepwise dissociation of yeast 60S ribosomal subunits by LiCl and identification of L25 as a primary 26S rRNA binding protein. El-Baradi TT, et al. **Eur J Biochem** 1984 Oct 15; 144(2):393-400

Glycerol metabolism and osmoregulation in the salt-toleran yeast Debaryomyces hansenii. Adler L, et al. **J Bacteriol** 1985 Apr;162(1):300-6

PHYSIOLOGY

Bacterio-pharmacological activity of Saccharomyces boulardii in clindamycin-induced colitis in the hamster. Massot J, et al. **Arzneimittelforsch** 1984;34(7):794-7

[A vision of 'zymophage'] Ohkuro I. **Nippon Saikingaku Zasshi** 1984 Nov;39(6):869-71 **(Jpn**

[The function of the capsule in yeasts] Golubev VI, et al. **Zh Obshch Biol** 1984 Jul-Aug;45(4):507-15 (Eng. Abstr.) **(Ru**

RADIATION EFFECTS

Radiation induced formation of giant cells in Saccharomyces uvarum. II. Effect of X-rays on septum formation. Baumstark-Khan C, et al. **Radiat Environ Biophys** 1985 24(1):9-16

[Mathematical model of yeast cell recovery after combined exposure to ionizing radiation and hyperthermia] Komarov VP, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):700-3 (Eng Abstr.) **(Ru**

ULTRASTRUCTURE

[Immunoelectronmicroscopic investigations of the cell walls of Saccharomyces uvarum Beijerinck (S. carlsbergensis Hansen) and Candida albicans (robin) berkhout grown in calcium deficient media. Berdicevsky I, et al. **Mykosen** 1985 Feb;28(2):77-84

SACCHAROMYCES CEREVISIAE

The effects of inorganic chromium and brewer's yeast on glucose tolerance, plasma lipids, and plasma chromium in elderly subjects. Offenbacher EG, et al. **Am J Clin Nutr** 1985 Sep;42(3):454-61

[Recovery of yeast cells following the combined action of hyperthermia and ionizing radiation] Glazunov AV, et al. **Radiobiologiia** 1985 Jan-Feb;25(1):37-42 (Eng. Abstr.) **(Ru**

ANALYSIS

Lipids in the structure and function of yeast membrane. Prasad R. **Adv Lipid Res** 1985;21:187-242 (451 ref.)

Optimal extraction conditions for high-performance liquid chromatographic determination of nucleotides in yeast. Olempska-Beer Z, et al. **Anal Biochem** 1984 Jul; 140(1):236-45

Extraction of proteins from Saccharomyces cerevisiae ribosomes under nondenaturing conditions. Lee JC, et al. **Arch Biochem Biophys** 1985 Mar;237(2):292-9

The isolation of glucose tolerance factors from brewer's yeast and their relationship to chromium. Davies DM, et al. **Biochem Med** 1985 Jun;33(3):297-311

Saccharomyces cerevisiae structural cell wall mannoprotein. Frevert J, et al. **Biochemistry** 1985 Jan 29;24(3):753-9

Optically detected magnetic resonance of Escherichia coli glutamic acid specific transfer ribonucleic acid and its anticodon-anticodon complex with yeast phenylalanine-specific transfer ribonucleic acid. Tahera MR, et al. **Biochemistry** 1984 Dec 18;23(26):6614-8

Isolation of a cAMP receptor protein from yeast mitochondria (Mr 45000) and comparison with mitochondrial RNA polymerase (Mr 45000). Bandlow W, et al. **Biol Chem Hoppe Seyler** 1985 Jun;366(6):545-53

Isolation of yeast ribosomal proteins L3 and L2 for immunological studies. Irrgang KD, et al. **Biol Chem Hoppe Seyler** 1985 Apr;366(4):387-94

On the nature of the glucose tolerance factor from yeast. Urumow T, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:51-4

A comparative study of the characteristics of eIF-2 and eIF-2-ancillary factor activities from yeast Saccharomyces cerevisiae and rabbit reticulocytes. Ahmad MF, et al. **J Biol Chem** 1985 Jun 10;260(11):6960-5

Purification and properties of eukaryotic initiation factor 2 and its ancillary protein factor (Co-eIF-2A) from yeast Saccharomyces cerevisiae. Ahmad MF, et al. **J Biol Chem** 1985 Jun 10;260(11):6955-9

Identification of phosphotyrosine in yeast proteins and of a protein tyrosine kinase associated with the plasma membrane. Castellanos RM, et al. **J Biol Chem** 1985 Jul 15;260(14):8240-2

Elongation factor 1 alpha from Saccharomyces cerevisiae. Rapid large-scale purification and molecular characterization. Thiele D, et al. **J Biol Chem** 1985 Mar 10;260(5):3084-9

High-performance liquid chromatography of sterols: yeast sterols. Rodriguez RJ, et al. **Methods Enzymol** 1985; 111:37-51

Pyrogenicity of yeast mannans in rabbits. Nagase T, et al. **Microbiol Immunol** 1984;28(6):651-7

Lethal effect of neutral mannan fraction of bakers' yeast in mice. Nagase T, et al. **Microbiol Immunol** 1984; 28(9):997-1007

Immunochemical properties of mannan-protein complex isolated from viable cells of Saccharomyces cerevisiae 4484-24D-1 mutant strain by the action of zymolyase. Shibata N, et al. **Microbiol Immunol** 1984;28(12):1283-92

Partial reconstitution of 60S ribosomal subunits from yeast. Vioque A, et al. **Mol Cell Biochem** 1985 Feb;66(1):55-60

Identification of myosin heavy chain in Saccharomyces cerevisiae. Watts FZ, et al. **Nature** 1985 Jul 4-10; 316(6023):83-5

Yeast may not contain histone H1: the only known 'histone H1-like' protein in Saccharomyces cerevisiae is a mitochondrial protein. Certa U, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):7975-85

[Determination of iron in saccharomycete yeasts by the dipyridyl method] Kovalev LM, et al. **Biol Nauki** 1984; (12):96-100 (Eng. Abstr.) **(Rus)**

CYTOLOGY

DNA topoisomerase II is required at the time of mitosis in yeast. Holm C, et al. **Cell** 1985 Jun;41(2):553-63

Effects of temperature on the yeast cell cycle analyzed by flow cytometry. Vanoni M, et al. **Cytometry** 1984 Sep; 5(5):530-3

New cell fusion method using polymer membrane. Karube I, et al. **FEBS Lett** 1984 Sep 17;175(1):13-5

Cell cycle phases in the unequal mother/daughter cell cycles of Saccharomyces cerevisiae. Brewer BJ, et al. **Mol Cell Biol** 1984 Nov;4(11):2529-31

[Luminescence microscopy determination of the survival of yeasts after dehydration] Rapoport AI, et al. **Mikrobiologiia** 1985 Jan-Feb;54(1):66-8 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Effect of exogenous addition of hemin on the biogenesis of mitochondrial membranes during glucose repression in Saccharomyces cerevisiae. Gopalan G, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):159-66

Regulation by heme of the synthesis of cytochrome C oxidase subunits V and VII in yeast. Gollub EG, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1447-54

Phospholipid enrichment of Saccharomyces cerevisiae and its effect on polyene sensitivity. Rao TV, et al. **Can J Microbiol** 1985 Apr;31(4):322-6

Photobiological properties of furothiocoumarins in Saccharomyces cerevisiae. Jüttermann R, et al. **Farmaco [Sci]** 1985 Jan;40(1):3-13

Papulacandin B: inhibitor of biogenesis of (1——3)-beta-D-glucan fibrillar component of the cell wall of Saccharomyces cerevisiae protoplasts. Kopecká M. **Folia Microbiol (Praha)** 1984;29(6):441-9

Genetic analysis of mutants of Saccharomyces cerevisiae resistant to the herbicide sulfometuron methyl. Falco SC, et al. **Genetics** 1985 Jan;109(1):21-35

The influence of chloroquine on the formation of porphyrins by yeasts. Kotal P, et al. **Int J Biochem** 1984;16(10):1087-90

Synthesis and biological activity of N epsilon-acyl derivatives of a Saccharomyces cerevisiae mating pheromone. Shenbagamurthi P, et al. **Int J Pept Protein Res** 1985 Feb;25(2):187-96

Effects of beta-pinene on yeast membrane functions. Uribe S, et al. **J Bacteriol** 1985 Mar;161(3):1195-2000

Seminalplasmin, an antimicrobial protein from bull seminal plasma, inhibits growth, and synthesis of nucleic acids and proteins in S. cerevisiae. Scheit KH, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):463-71

Effect of caffeine on ozone-sensitivity in Saccharomyces cerevisiae. Dubeau H, et al. **MGG** 1984;195(1-2):361-3

Effect of phospholipid enrichment on nystatin action: differences in antibiotic sensitivity between in vivo and in vitro conditions. Rao TV, et al. **Microbios** 1985; 42(169-170):145-53

Genetic and biochemical investigation on chloral hydrate in vitro and in vivo. Bronzetti G, et al. **Mutat Res** 1984 Sep; 141(1):19-22

Genotoxic effects of potassium dichromate, sodium arsenite, cobalt chloride and lead nitrate in diploid yeast. Kharab P, et al. **Mutat Res** 1985 Mar;155(3):117-20

Genetic activity in Saccharomyces cerevisiae of compounds found in effluents of pulp and paper mills. Nestmann ER, et al. **Mutat Res** 1985 Jan-Feb;155(1-2):53-60

Drug synergism or antagonism in the induction of diploid meiotic products in Saccharomyces cerevisiae. Sora S, et al. **Mutat Res** 1984 Nov-Dec;141(3-4):161-4

Mutagenic and recombinogenic activity of hydrazine sulphate in Saccharomyces cerevisiae. Vasudeva M, et al. **Mutat Res** 1985 Mar;155(3):113-5

Acetone, methyl ethyl ketone, ethyl acetate, acetonitrile and other polar aprotic solvents are strong inducers of aneuploidy in Saccharomyces cerevisiae. Zimmermann FK, et al. **Mutat Res** 1985 May;149(3):339-51

Induction of aneuploidy by oncodazole (nocodazole), an anti-tubulin agent, and acetone. Zimmermann FK, et al. **Mutat Res** 1984 Sep;141(1):15-8

[Mutagenic action of 5 prospective pesticides on mouse bone marrow, in a culture of human peripheral blood lymphocytes and on saccharomycete yeasts] L'vova TS. **Tsitol Genet** 1984 Nov-Dec;18(6):455-7 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

The purification of yeast glucose 6-phosphate dehydrogenase by dye-ligand chromatography. Farmer EE, et al. **Anal Biochem** 1984 Aug 15;141(1):79-82

Purification of phosphoenolpyruvate carboxykinase from Saccharomyces cerevisiae and its use for bicarbonate assay. Tortora P, et al. **Anal Biochem** 1985 Jan;144(1):179-85

Enzyme recovery by adsorption from unclarified microbial cell homogenates. Hedman P, et al. **Ann NY Acad Sci** 1984; 434:285-8

The synthesis and function of proteases in Saccharomyces: genetic approaches. Jones EW. **Annu Rev Genet** 1984; 18:233-70 (250 ref.)

Role of the carbohydrate part of yeast acid phosphatase. Barbarić S, et al. **Arch Biochem Biophys** 1984 Nov 1; 234(2):567-75

Kinetic studies of the reduction of yeast glutathione reductase by reduced nicotinamide hypoxanthine dinucleotide phosphate. Huber PW, et al. **Arch Biochem Biophys** 1985 Apr;238(1):213-8

Partial purification and properties of two histone acetyltransferases from the yeast, Saccharomyces cerevisiae. Lopez-Rodas G, et al. **Arch Biochem Biophys** 1985 May 15;239(1):184-90

Chloride as allosteric effector of yeast aminopeptidase I. Röhm KH. **Arch Biochem Biophys** 1985 May 15; 239(1):216-25

Pyruvate carboxylase deficiency in yeast: a mutant affecting the interaction between the glyoxylate and Krebs cycles. Wills C, et al. **Arch Biochem Biophys** 1985 Feb 1; 236(2):782-91

Catabolite inactivation of fructose 1,6-bisphosphatase and cytoplasmic malate dehydrogenase in yeast. Funaguma T, et al. **Biochem Biophys Res Commun** 1985 Jul 16; 130(1):467-71

Coupling between redox and acid-base energy by cytochrome b-564 in Baker's yeast mitochondria. Hervás M, et al. **Biochem Biophys Res Commun** 1984 Nov 14; 124(3):807-14

Characterization of methylglyoxal synthase in Saccharomyces cerevisiae. Murata K, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):190-8

Repressible acid phosphatase from yeast efficiently dephosphorylates in vitro some phosphorylated proteins and peptides. Pavlovic B, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):350-7

Recognition site of yeast glutathione reductase for 2'-phosphate of NADP+. Tsai CS. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):572-7

Spectral properties of a novel cytochrome P-450 of a Saccharomyces cerevisiae mutant SG1. A cytochrome P-450 species having a nitrogenous ligand trans to thiolate. Yoshida Y, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):623-8

Role of AMP deaminase reaction in the control of fructose 1,6-bisphosphatase activity in yeast. Yoshino M, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):1020-4

Immobilized glyceraldehyde-3-phosphate dehydrogenase forms a complex with phosphoglycerate kinase. Ashmarina LI, et al. **Biochem Int** 1984 Oct;9(4):511-21

Chromatographic differentiation of the mitochondrial and cytosolic fumarases of rat liver and Baker's yeast and differential induction of two fumarases of Baker's yeast. Hiraga K, et al. **Biochem Int** 1984 Oct;9(4):455-61

Purification, carbohydrate composition and kinetic properties of the constitutive yeast acid phosphatase. Mrša V, et al. **Biochem Int** 1985 Apr;10(4):567-75

Selective inhibition of an enzyme in crude cell extracts. The use of subunits modified with a half-of-the-sites reagent. Muronetz VI, et al. **Biochem Int** 1983 Apr;6(4):443-50

Activation of pyridoxamine 5'-phosphate oxidase by aliphatic primary amine. Tsuge H, et al. **Biochem Int** 1983 Jun; 6(6):743-9

Interaction of baker's yeast transketolase modified by 2,3-butanedione with anionic and nonanionic substrates. Usmanov RA, et al. **Biochem Int** 1983 May;6(5):673-83

Effects of deuterium substitution alpha and beta to the reaction centre, 18O substitution in the leaving group, and aglycone acidity on hydrolyses of aryl glucosides and glucosyl pyridinium ions by yeast alpha-glucosidase. A probable failure of the antiperiplanar-lone-pair hypothesis in glycosidase catalysis. Hosie L, et al. **Biochem J** 1985 Mar 1;226(2):437-46

The specificity of yeast low-Km cyclic AMP phosphodiesterase towards free bivalent metal ions and the diastereoisomers of cyclic adenosine phosphorothioate. Suoranta K, et al. **Biochem J** 1985 Mar 15;226(3):897-900

Proteinases, proteolysis and regulation in yeast. Wolf DH. **Biochem Soc Trans** 1985 Apr;13(2):279-83

Brewers' yeast pyruvate decarboxylase produces acetoin from acetaldehyde: a novel tool to study the mechanism of steps subsequent to carbon dioxide loss. Chen GC, et al. **Biochemistry** 1984 Jul 31;23(16):3576-82

Comparative phosphorescence and optically detected magnetic resonance studies of pig and yeast glyceraldehyde-3-phosphate dehydrogenase. Davis JM, et al. **Biochemistry** 1984 Dec 4;23(25):6249-56

Isoleucyl-tRNA synthetase from bakers' yeast: variable discrimination between tRNAIle and tRNAVal and different pathways of cognate and noncognate aminoacylation under standard conditions, in the presence of pyrophosphatase, elongation factor Tu-GTP complex, and spermine. Freist W, et al. **Biochemistry** 1984 Nov 20; 23(24):5742-52

Mechanism of activation of phenylalanine and synthesis of P1, P4-bis(5'-adenosyl) tetraphosphate by yeast phenylalanyl-tRNA synthetase. Harnett SP, et al. **Biochemistry** 1985 Jun 4;24(12):2908-15

Evidence for active intermediates during the reconstitution of yeast phosphoglycerate mutase. Hermann R, et al. **Biochemistry** 1985 Apr 9;24(8):1817-21

Variation of transition-state structure as a function of the nucleotide in reactions catalyzed by dehydrogenases. 2. Formate dehydrogenase. Hermes JD, et al. **Biochemistry** 1984 Nov 6;23(23):5479-88

Kinetics and energetics of intramolecular electron transfer in yeast cytochrome c peroxidase. Ho PS, et al. **Biochemistry** 1984 Aug 28;23(18):4122-8

Glucose-6-phosphate dehydrogenase from Saccharomyces cerevisiae: characterization of a reactive lysine residue labeled with acetylsalicylic acid. Jeffery J, et al. **Biochemistry** 1985 Jan 29;24(3):666-71

Fast kinetic study of yeast phenylalanyl-tRNA synthetase: role of tRNAPhe in the discrimination between tyrosine and phenylalanine. Lin SX, et al. **Biochemistry** 1984 Aug 28;23(18):4109-16

Azasterol inhibition of delta 24-sterol methyltransferase in Saccharomyces cerevisiae. Oehlschlager AC, et al. **Biochemistry** 1984 Jul 31;23(16):3582-9

Variation of transition-state structure as a function of the nucleotide in reactions catalyzed by dehydrogenases. 1. Liver alcohol dehydrogenase with benzyl alcohol and yeast aldehyde dehydrogenase with benzaldehyde. Scharschmidt M, et al. **Biochemistry** 1984 Nov 6;23(23):5471-8

Yeast inorganic pyrophosphatase. A model for active-site structure based on 113Cd2+ and 31P NMR studies. Welsh KM, et al. **Biochemistry** 1984 Oct 9;23(21):4947-55

The effect of pH on the interaction of substrates and effector to yeast and rabbit muscle pyruvate kinase. Brown CE, et al. **Biochim Biophys Acta** 1985 Jul 1;829(3):342-7

A type-1 casein kinase from yeast phosphorylates both serine and threonine residues of casein. Identification of the phosphorylation sites. Donella-Deana A, et al. **Biochim Biophys Acta** 1985 Jun 10;829(2):180-7

Regulatory role of phosphatidate phosphatase in triacylglycerol synthesis of Saccharomyces cerevisiae. Hosaka K, et al. **Biochim Biophys Acta** 1984 Oct 24; 796(1):110-7

Partial purification and properties of phosphatidate phosphatase in Saccharomyces cerevisiae. Hosaka K, et al. **Biochim Biophys Acta** 1984 Oct 24;796(1):102-9

Site specificities of three transfer RNA methyltransferases from yeast. Sindhuphak T, et al. **Biochim Biophys Acta** 1985 Jan 29;824(1):66-73

A minor species of a type I casein kinase from yeast phosphorylating threonine residues of protein substrate. Szyszka R, et al. **Biochim Biophys Acta** 1985 Jan 28; 838(1):171-4

The interaction of yeast Complex III with some respiratory inhibitors. Tsai AL, et al. **Biochim Biophys Acta** 1985 Mar 13;806(3):418-26

alpha, beta-Bidentate CrADP abolishes the negative cooperativity of yeast mitochondrial F1-ATPase. Wieker HJ, et al. **Biochim Biophys Acta** 1985 Jan 23;806(1):35-41

Purification of a phospholipase B inhibitor from Saccharomyces cerevisiae. Witt W, et al. **Biochim Biophys Acta** 1985 Apr 25;834(2):249-55

Interaction of Cibacron blue F3G-A with yeast phosphofructokinase. Frenzel J, et al. **Biomed Biochim Acta** 1984;43(4):413-8

Interaction of yeast glucose 6-phosphate dehydrogenase with diverse triazine dyes: a study by means of affinity partitioning. Kopperschläger G, et al. **Biomed Biochim Acta** 1985;44(4):517-25

An electron microscopy study of the quarternary structure of yeast phosphofructokinase. Nissler K, et al. **Biomed Biochim Acta** 1985;44(2):251-9

Cooperation of fructose-2,6-bisphosphate and AMP in the activation of yeast phosphofructokinase. Nissler K, et al. **Biomed Biochim Acta** 1984;43(4):535-40

Influence of inorganic phosphate on the kinetic properties of yeast phosphofructokinase. Przybylski F, et al. **Biomed Biochim Acta** 1984;43(10):1083-9

Comparison of the mitochondrial endonucleases from Neurospora crassa and Saccharomyces cerevisiae. von

Tigerstrom RG, et al. **Can J Microbiol** 1985 Jul;31(7):654-6

Extensive homology among the largest subunits of eukaryotic and prokaryotic RNA polymerases. Allison LA, et al. **Cell** 1985 Sep;42(2):599-610

Stereochemistry and synthetic applications of products of fermentation of alpha,beta-unsaturated aromatic aldehydes by baker's yeast. Fuganti C, et al. **Ciba Found Symp** 1985; 111:112-27

Differences in the inhibitory effects of N-(1-n-dodecyl)-heterocycles on the 2,3-oxidosqualene lanosterol-cyclase of rat liver and yeast. Mercer EI, et al. **Comp Biochem Physiol [B]** 1985;80(2):341-6

Contribution of 18O technology to the mechanism of the H+-ATPase from yeast plasma membrane. Amory A, et al. **Curr Top Cell Regul** 1984;24:471-83

Subunit IV of yeast cytochrome c oxidase: cloning and nucleotide sequencing of the gene and partial amino acid sequencing of the mature protein. Maarse AC, et al. **EMBO J** 1984 Dec 1;3(12):2831-7

Yeast glyceraldehyde-3-phosphate dehydrogenase. Evidence that subunit cooperativity in catalysis can be controlled by the formation of a complex with phosphoglycerate kinase. Ashmarina LI, et al. **Eur J Biochem** 1985 May 15; 149(1):67-72

Do yeast aminoacyl-tRNA synthetases exist as soluble enzymes within the cytoplasm? Cirakoglu B, et al. **Eur J Biochem** 1985 Jun 3;149(2):353-61

Yeast mitochondria contain a linear RNA strand complementary to the circular intronic bI1 RNA of cytochrome b. Halbreich A, et al. **Eur J Biochem** 1984 Oct 15;144(2):261-9

Glucose repression and hexokinase isoenzymes in yeast. Isolation and characterization of a modified hexokinase PII isoenzyme. Kopetzki E, et al. **Eur J Biochem** 1985 Feb 1;146(3):657-62

Metabolism of 2-oxoaldehyde in yeasts. Purification and characterization of NADPH-dependent methylglyoxal-reducing enzyme from Saccharomyces cerevisiae. Murata K, et al. **Eur J Biochem** 1985 Sep 16; 151(3):631-6

The redox interconversion mechanism of Saccharomyces cerevisiae glutathione reductase. Pinto MC, et al. **Eur J Biochem** 1985 Sep 2;151(2):275-81

On the mechanism of flavin modification during inactivation of flavocytochrome b2 from baker's yeast by acetylenic substrates. Pompon D, et al. **Eur J Biochem** 1985 Apr 1; 148(1):145-54

Purification and characterization of the indole-3-glycerolphosphate synthase/anthranilate synthase complex of Saccharomyces cerevisiae. Prantl F, et al. **Eur J Biochem** 1985 Jan 2;146(1):95-100

Mutations affecting the enzymes involved in the utilization of 4-aminobutyric acid as nitrogen source by the yeast Saccharomyces cerevisiae. Ramos F, et al. **Eur J Biochem** 1985 Jun 3;149(2):401-4

Metal binding to yeast aminopeptidase I. Röhm KH. **Eur J Biochem** 1985 Feb 1;146(3):633-9

Intracellular maturation and secretion of acid phosphatase of Saccharomyces cerevisiae. Schönholzer F, et al. **Eur J Biochem** 1985 Mar 1;147(2):273-9

Studies on glucose-induced inactivation of gluconeogenetic enzymes in adenylate cyclase and cAMP-dependent protein kinase yeast mutants. Tortora P, et al. **Eur J Biochem** 1984 Dec 17;145(3):543-8

Baker's yeast flavocytochrome b2. A mechanistic study of the dehydrohalogenation reaction. Urban P, et al. **Eur J Biochem** 1984 Oct 15;144(2):345-51

The cleavable prepiece of an imported mitochondrial protein is sufficient to direct cytosolic dihydrofolate reductase into the mitochondrial matrix. Hurt EC, et al. **FEBS Lett** 1984 Dec 10;178(2):306-10

An antisuppressor mutant of Saccharomyces cerevisiae deficient in isopentenylated tRNA has reduced delta 2-isopentenylpyrophosphate: tRNA-delta 2-isopentenyl transferase activity. Laten HM, et al. **FEBS Lett** 1985 Jan 7;179(2):307-10

What family of ATPases does the vacuolar H+-ATPase belong to? Lichko LP, et al. **FEBS Lett** 1985 Aug 5; 187(2):349-53

Mutations in the regulatory subunit of soluble phosphofructokinase from yeast. Nadkarni M, et al. **FEBS Lett** 1984 Oct 1;175(2):294-8

Conditions of activation of yeast plasma membrane ATPase. Sychrová H, et al. **FEBS Lett** 1985 Apr 8;183(1):21-4

Alcohol dehydrogenase II and fructose-1,6-bisphosphatase appear to be co-regulated in wild-type yeast. Wills C, et al. **FEBS Lett** 1985 Apr 8;183(1):155-60

Activation of yeast 6-phosphofructo-2-kinase by protein kinase and phosphate. Yamashoji S, et al. **FEBS Lett** 1984 Dec 10;178(2):253-6

Regulation of repressible acid phosphatase by cyclic AMP in Saccharomyces cerevisiae. Matsumoto K, et al. **Genetics** 1984 Sep;108(1):53-66

Electron cytochemical reaction for dipeptidyl aminopeptidase in the yeast Saccharomyces cerevisiae. Vořišek J, et al. **Histochem J** 1985 May;17(5):535-7

Interaction of the (2S,3S)-isomer of bestatin with yeast aminopeptidase I. Kinetic and binding studies. Röhm KH. **Hoppe Seylers Z Physiol Chem** 1984 Oct;365(10):1235-46

General stability of thermophilic enzymes: studies on 6-phosphogluconate dehydrogenase from Bacillus stearothermophilus and yeast. Veronese FM, et al. **J Appl Biochem** 1984 Feb-Apr;6(1-2):39-47

DNA repair in Saccharomyces cerevisiae: purification and characterization of apurinic endonucleases. Armel PR, et al. **J Bacteriol** 1984 Dec;160(3):895-902

Expression of kinase-dependent glucose uptake in Saccharomyces cerevisiae. Bisson LF, et al. **J Bacteriol** 1984 Sep;159(3):1013-7

Regulation of CDP-diacylglycerol synthase activity in Saccharomyces cerevisiae. Homann MJ, et al. **J Bacteriol** 1985 Sep;163(3):1265-6

Saccharomyces cerevisiae aldolase mutants. Lobo Z. **J Bacteriol** 1984 Oct;160(1):222-6

Enzymatic detection of phospholipid biosynthetic enzymes after electroblotting. Poole MA, et al. **J Bacteriol** 1985 Feb; 161(2):772-4

Nucleotide sequence of the Saccharomyces cerevisiae arginase gene (CAR1) and its transcription under various physiological conditions. Sumrada RA, et al. **J Bacteriol** 1984 Dec;160(3):1078-87

Characterization of fumarate reductase from baker's yeast: essential sulfhydryl group for binding of FAD. Muratsubaki H, et al. **J Biochem (Tokyo)** 1985 Apr;97(4):1201-9

Proteinase yscD. Purification and characterization of a new yeast peptidase. Achstetter T, et al. **J Biol Chem** 1985 Apr 25;260(8):4585-90

Proteolysis in eukaryotic cells. Identification of multiple proteolytic enzymes in yeast. Achstetter T, et al. **J Biol Chem** 1984 Nov 10;259(21):13334-43

Proteolysis in eukaryotic cells. Proteinase yscE, a new yeast peptidase. Achstetter T, et al. **J Biol Chem** 1984 Nov 10; 259(21):13344-8

Regulation of expression of the ADE3 gene for yeast C1-tetrahydrofolate synthase, a trifunctional enzyme involved in one-carbon metabolism. Appling DR, et al. **J Biol Chem** 1985 Jan 25;260(2):1248-56

Inhibition of the reductive activation of a valyl-tRNA synthetase from yeast by unsaturated fatty acids and associated observations on newly found lipophilic substances from yeast. Black S. **J Biol Chem** 1985 Jan 10; 260(1):433-40

Crystal structure of yeast cytochrome c peroxidase refined at 1.7-A resolution. Finzel BC, et al. **J Biol Chem** 1984 Nov 10;259(21):13027-36

Phosphorolytic cleavage of diadenosine 5',5'''-P1,P4-tetraphosphate. Properties of homogeneous diadenosine 5',5'''-P1,P4-tetraphosphate alpha, beta-phosphorylase from Saccharomyces cerevisiae. Guranowski A, et al. **J Biol Chem** 1985 Mar 25; 260(6):3542-7

Powder and single-crystal electron paramagnetic resonance studies of yeast cytochrome c peroxidase and its peroxide and its peroxide compound, Compound ES. Hori H, et al. **J Biol Chem** 1985 Jan 10;260(1):349-55

Messenger RNA guanylyltransferase from Saccharomyces cerevisiae. I. Purification and subunit structure. Itoh N, et al. **J Biol Chem** 1984 Nov 25;259(22):13923-9

Messenger RNA guanlyltransferase from Saccharomyces cerevisiae. II. Catalytic properties. Itoh N, et al. **J Biol Chem** 1984 Nov 25;259(22):13930-6

Characterization of a specific alpha-mannosidase involved in oligosaccharide processing in Saccharomyces cerevisiae. Jelinek-Kelly S, et al. **J Biol Chem** 1985 Feb 25; 260(4):2253-7

Characterization of Saccharomyces cerevisiae thymidylate kinase, the CDC8 gene product. General properties, kinetic analysis, and subcellular localization. Jong AY, et al. **J Biol Chem** 1984 Dec 10;259(23):14394-8

Isolation of chitin synthetase from Saccharomyces cerevisiae. Purification of an enzyme by entrapment in the reaction product. Kang MS, et al. **J Biol Chem** 1984 Dec 10; 259(23):14966-72

Biochemical and physiological aspects of glutamine synthetase inactivation in Saccharomyces cerevisiae. Mitchell AP, et al. **J Biol Chem** 1984 Oct 10; 259(19):12054-62

Nucleotide sequence of yeast GDH1 encoding nicotinamide adenine dinucleotide phosphate-dependent glutamate dehydrogenase. Moye WS, et al. **J Biol Chem** 1985 Jul 15;260(14):8502-8

Phenylalanyl-tRNA synthetases from sheep liver and yeast. Correlation between net charge and binding to ribosomes. Pailliez JP, et al. **J Biol Chem** 1984 Dec 25;259(24):15491-6

Precursor of beta-lactamase is enzymatically inactive. Accumulation of the preprotein in Saccharomyces cerevisiae. Roggenkamp R, et al. **J Biol Chem** 1985 Feb 10;260(3):1508-12

Extensive purification and characterization of chromatin-bound histone acetyltransferase from Saccharomyces cerevisiae. Travis GH, et al. **J Biol Chem** 1984 Dec 10;259(23):14406-12

Amino-terminal processing of mutant forms of yeast iso-1-cytochrome c. The specificities of methionine aminopeptidase and acetyltransferase. Tsunasawa S, et al. **J Biol Chem** 1985 May 10;260(9):5382-91

Purification and properties of H+-translocating, Mg2+-adenosine triphosphatase from vacuolar membranes of Saccharomyces cerevisiae. Uchida E, et al. **J Biol Chem** 1985 Jan 25;260(2):1090-5

Characterization of cyclic AMP-requiring yeast mutants altered in the catalytic subunit of protein kinase. Uno I, et al. **J Biol Chem** 1984 Oct 25;259(20):12508-13

Intermolecular hydrogen transfer catalyzed by a flavodehydrogenase, bakers' yeast flavocytochrome b2. Urban P, et al. **J Biol Chem** 1985 Sep 15;260(20):11115-22

Complete amino acid sequence of the ubiquinone binding protein (QP-C), a protein similar to the 14,000-dalton subunit of the yeast ubiquinol-cytochrome c reductase complex. Wakabayashi S, et al. **J Biol Chem** 1985 Jan 10; 260(1):337-43

Purification of a DNA primase activity from the yeast Saccharomyces cerevisiae. Primase can be separated from DNA polymerase I. Wilson FE, et al. **J Biol Chem** 1985 Jul 5;260(13):8173-81

Isolation and sequence of the structural gene for cytochrome c oxidase subunit VI from Saccharomyces cerevisiae. Wright RM, et al. **J Biol Chem** 1984 Dec 25; 259(24):15401-7

AMP deaminase reaction as a control system of glycolysis in yeast. Role of ammonium ion in the interaction of phosphofructokinase and pyruvate kinase activity with the adenylate energy charge. Yoshino M, et al. **J Biol Chem** 1985 Apr 25;260(8):4729-32

Enzymatic assay procedures that employ high-performance liquid chromatography: competition between phosphoribosyltransferases for a common substrate. Sloan DL, et al. **J Chromatogr** 1984 Dec 21;316:43-52

Cyclic AMP phosphodiesterase activities in growing cells of baker's yeast (Saccharomyces cerevisiae). Suoranta K. **J Cyclic Nucleotide Protein Phosphor Res** 1985;10(1):121-7

Plasma-membrane phospholipid unsaturation affects expression of the general amino-acid permease in Saccharomyces cerevisiae Y185. Calderbank J, et al. **J Gen Microbiol** 1985 Jan;131 (Pt 1):57-65

A proposal for the metal geometry in yeast superoxide dismutase based on results from EXAFS spectroscopy. Phillips JC, et al. **J Inorg Biochem** 1984 Nov;22(3):179-86

Cu(II) activates yeast enolase. Sinha U, et al. **J Inorg Biochem** 1984 Nov;22(3):175-7

Cadmium(II)-113 NMR studies of the mechanism of metal ion activation of yeast enolase. Spencer SG, et al. **J Inorg Biochem** 1985 May;24(1):47-57

Crystallization and preliminary crystallographic data for a tetragonal form of yeast enolase. Lebioda L, et al. **J Mol Biol** 1984 Nov 25;180(1):213-5

Cloning of hexokinase isoenzyme PI from Saccharomyces cerevisiae: PI transformants confirm the unique role of hexokinase isoenzyme PII for glucose repression in yeasts. Entian KD, et al. **MGG** 1984;198(1):50-4

Multiforms of megamodulin-dependent protein kinases from baker's yeast. Kuo WN. **Mol Cell Biochem** 1984 Sep; 64(1):39-44

A deletion that includes the signal peptidase cleavage site impairs processing, glycosylation, and secretion of cell surface yeast acid phosphatase. Haguenauer-Tsapis R, et al. **Mol Cell Biol** 1984 Dec;4(12):2668-75

Three regulatory systems control production of glutamine synthetase in Saccharomyces cerevisiae. Mitchell AP, et al. **Mol Cell Biol** 1984 Dec;4(12):2767-73

Modulation in cytochrome P-420 and P-450 content in Saccharomyces cerevisiae according to physiological conditions and genetic background. von Borstel RC, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):217-24

Pheromone-processing protease of the yeast Saccharomyces cerevisiae [letter] Thorner J. **Nature** 1985 Mar 28-Apr 3; 314(6009):384-5

Adenylate kinase from rat liver: molecular properties and structural comparison with yeast enzyme. Watanabe K, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):63-72

Structural analysis of the two tandemly repeated acid phosphatase genes in yeast. Bajwa W, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7721-39

Preparation of oligonucleotides corresponding to the acceptor stem of yeast tRNAPhe and their interaction with yeast ATP(CTP):tRNA nucleotidyltransferase. Wang GH, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6909-22

Modifying factors of the cellular concentration of photolyase molecules in Saccharomyces cerevisiae--II. Effects of preillumination with light flashes. Fukui A, et al. **Photochem Photobiol** 1984 Aug;40(2):227-30

Two nonidentical forms of subunit V are functional in yeast cytochrome c oxidase. Cumsky MG, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2235-9

Cloning, characterization, and sequence of the yeast DNA topoisomerase I gene. Thrash C, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4374-8

Oxidative inactivation of yeast fructose-1,6-bisphosphatase. von Herrath M, et al. **Prog Clin Biol Res** 1985;180:329-40

Function and autoregulation of yeast copperthionein. Hamer DH, et al. **Science** 1985 May 10;228(4700):685-90

[Effect of cadmium, zinc, lead and mercury on enzyme activity in Saccharomyces cerevisiae] Grafl HJ, et al. **Zentralbl Mikrobiol** 1985;140(1):3-11 (Eng. Abstr.) (Ger)

[Polymorphism of membrane proteinases from mitochondria] Zubatov AS, et al. **Biokhimiia** 1985 Mar;50(3):485-94 (Eng. Abstr.) (Ru

GENETICS

Plasmid cloning of DNA polymerase I in Escherichia coli and Saccharomyces cerevisiae. Spanos A, et al. **Adv Exp Med Biol** 1984;179:363-72

The genetic regulation and coordination of biosynthetic pathways in yeast: amino acid and phospholipid synthesis. Henry SA, et al. **Annu Rev Genet** 1984;18:207-31 (95 ref.)

Effects of sinefungin on rRNA production and methylation in the yeast Saccharomyces cerevisiae. Li AW, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):613-20

Mutation induction by excess deoxyribonucleotides in Saccharomyces cerevisiae. Brendel M. **Basic Life Sci** 1985; 31:425-34

Characteristics of hepatitis B surface antigen produced in yeast. Choo KB, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):160-6

Isolation and characterization of yeast mutants blocked in mevalonic acid formation. Servouse M, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):424-30

Chemical synthesis of a mitochondrial gene designed for expression in the yeast nucleus. Gearing DP, et al. **Biochem Int** 1985 Jun;10(6):907-15

Transcription of a yeast ribosomal RNA minigene in Saccharomyces cerevisiae. Quincey RV, et al. **Biochem J** 1984 Dec 1;224(2):497-503

Specific replacement of functional groups of uridine-33 in yeast phenylalanine transfer ribonucleic acid. Wittenberg WL, et al. **Biochemistry** 1985 May 21;24(11):2705-12

The nucleotide sequence of asparagine tRNA from brewer's yeast. Keith G, et al. **Biochimie** 1984 Sep-Oct; 66(9-10):639-43

Expression of a Drosophila heat-shock gene in cells of the yeast Saccharomyces cerevisiae. Nicholson RC, et al. **Biosci Rep** 1984 Nov;4(11):963-72

Revision of the nucleotide sequence at the last intron of the mitochondrial apocytochrome b gene in Saccharomyces cerevisise. Bonjardim CA, et al. **Braz J Med Biol Res** 1984; 17(1):17-20

Hepatitis B vaccines prepared from yeast by recombinant DNA techniques: memorandum from a WHO meeting. **Bull WHO** 1985;63(1):57-61

Ty elements transpose through an RNA intermediate. Boeke JD, et al. **Cell** 1985 Mar;40(3):491-500

Characterization of a 'silencer' in yeast: a DNA sequence with properties opposite to those of a transcriptional enhancer. Brand AH, et al. **Cell** 1985 May;41(1):41-8

Repression of transcription in yeast. Brent R. **Cell** 1985 Aug; 42(1):3-4 (6 ref.)

Differential activation of yeast adenylate cyclase by wild-type and mutant RAS proteins. Broek D, et al. **Cell** 1985 Jul;41(3):763-9

CDC17: an essential gene that prevents telomere elongation in yeast. Carson MJ, et al. **Cell** 1985 Aug;42(1):249-57

Mutations of the heat inducible 70 kilodalton genes of yeast confer temperature sensitive growth. Craig EA, et al. **Cell** 1984 Oct;38(3):841-9

Lariat structures are in vivo intermediates in yeast pre-mRNA splicing. Domdey H, et al. **Cell** 1984 Dec;39(3 Pt 2):611-21

Transfer of yeast telomeres to linear plasmids by recombination. Dunn B, et al. **Cell** 1984 Nov;39(1):191-201

The major promoter element of rRNA transcription in yeast lies 2 kb upstream. Elion EA, et al. **Cell** 1984 Dec;39(3 Pt 2):663-73

Ty element transposition: reverse transcriptase and virus-like particles. Garfinkel DJ, et al. **Cell** 1985 Sep;42(2):507-17

A repressor (MAT alpha 2 Product) and its operator control expression of a set of cell type specific genes in yeast. Johnson AD, et al. **Cell** 1985 Aug;42(1):237-47

Functional homology of mammalian and yeast RAS genes. Kataoka T, et al. **Cell** 1985 Jan;40(1):19-26

Cis-acting, recombination-stimulating activity in a fragment of the ribosomal DNA of S. cerevisiae. Keil RL, et al. **Cell** 1984 Dec;39(2 Pt 1):377-86

The yeast nuclear gene NAM2 is essential for mitochondrial DNA integrity and can cure a mitochondrial RNA-maturase deficiency. Labouesse M, et al. **Cell** 1985 May;41(1):133-43

A repetitive DNA sequence that confers cell-cycle START (CDC28)-dependent transcription of the HO gene in yeast. Nasmyth K. **Cell** 1985 Aug;42(1):225-35

At least 1400 base pairs of 5'-flanking DNA is required for the correct expression of the HO gene in yeast. Nasmyth K. **Cell** 1985 Aug;42(1):213-23

Molecular consequences of specific intron mutations on yeast mRNA splicing in vivo and in vitro. Newman AJ, et al. **Cell** 1985 Aug;42(1):335-44

A point mutation in the conserved hexanucleotide at a yeast 5' splice junction uncouples recognition, cleavage, and ligation. Parker R, et al. **Cell** 1985 May;41(1):107-18

In vivo characterization of yeast mRNA processing intermediates. Rodriguez JR, et al. **Cell** 1984 Dec;39(3 Pt 2):603-10

Splicing of large ribosomal precursor RNA and processing of intron RNA in yeast mitochondria. Tabak HF, et al. **Cell** 1984 Dec;39(3 Pt 2):623-9

In yeast, RAS proteins are controlling elements of adenylate cyclase. Toda T, et al. **Cell** 1985 Jan;40(1):27-36

Self-splicing of yeast mitochondrial ribosomal and messenger RNA precursors. van der Horst G, et al. **Cell** 1985 Apr; 40(4):759-66

The SPT3 gene is required for normal transcription of Ty elements in S. cerevisiae. Winston F, et al. **Cell** 1984 Dec; 39(3 Pt 2):675-82

Nonreciprocal exchange between alleles of the yeast mitochondrial 21S rRNA gene: kinetics and the involvement of a double-strand break. Zinn AR, et al. **Cell** 1985 Apr;40(4):887-95

Induction of 'petite' mutants of yeast, Saccharomyces cerevisiae, by photodynamic action of acriflavine. Iwamoto Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Jul;32(7):2759-65

Physical monitoring of meiotic recombination in Saccharomyces cerevisiae. Borts RH, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:67-76

Recombination in Saccharomyces cerevisiae: REC-gene mutants and DNA-binding proteins. Esposito MS, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:41-8

Meiotic gene conversion mediates gene amplification in yeast. Fogel S, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:55-65

Measurement of restoration and conversion: its meaning for the mismatch repair hypothesis of conversion. Hastings PJ. **Cold Spring Harbor Symp Quant Biol** 1984;49:49-53

Directionality and regulation of cassette substitution in yeast. Jensen RE, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:97-104

Involvement of double-strand chromosomal breaks for mating-type switching in Saccharomyces cerevisiae. Klar AJ, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:77-88

The product of the HO gene is a nuclease: purification and characterization of the enzyme. Kostriken R, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:89-96

Formation of inverted dimer plasmids after transformation of yeast with linearized plasmid DNA. Kunes S, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:617-28

The role of DNA replication in the repression of the yeast mating-type silent loci. Miller AM, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:105-13

Changes in the chromosomal DNA of yeast during meiosis in repair mutants and the possible role of a deoxyribonuclease. Resnick MA, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:639-49

Double-strand-break repair, gene conversion, and postdivision segregation. Rothstein R. **Cold Spring Harbor Symp Quant Biol** 1984;49:629-37

Genetic recombination catalyzed by cell-free extracts of Saccharomyces cerevisiae. Symington LS, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:805-14

Kinetics and intermediates of yeast mitochondrial DNA recombination. Zinn AR, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:115-21

Expression of galactokinase as a fusion protein in Escherichia coli and Saccharomyces cerevisiae. Heusterspreute M, et al. **DNA** 1984 Oct;3(5):377-86

Structural features of yeast tRNA genes which affect transcription factor binding. Baker RE, et al. **EMBO J** 1984 Dec 1;3(12):2793-800

The initiation of DNA replication in the mitochondrial genome of yeast. Baldacci G, et al. **EMBO J** 1984 Sep; 3(9):2115-20

A split binding site for transcription factor tau on the tRNA3Glu gene. Camier S, et al. **EMBO J** 1985 Feb; 4(2):491-500

The cytoplasmically-made subunit IV is necessary for assembly of cytochrome c oxidase in yeast. Dowhan W, et al. **EMBO J** 1985 Jan;4(1):179-84

Transformation of Saccharomyces cerevisiae and Schizosaccharomyces pombe with linear plasmids containing 2 mu sequences. Guerrini AM, et al. **EMBO J** 1985 Jun;4(6):1569-73

Antibodies against synthetic oligopeptides allow identification of the mRNA-maturase encoded by the second intron of the yeast cob-box gene. Guiso N, et al. **EMBO J** 1984 Aug;3(8):1769-72

Hairpin plasmid--a novel linear DNA of perfect hairpin structure. Kikuchi Y, et al. **EMBO J** 1985 Jul;4(7):1881-6

Transcription from maize storage protein gene promoters in yeast. Langridge P, et al. **EMBO J** 1984 Nov;3(11):2467-71

Cloning of the RNA2 gene of Saccharomyces cerevisiae. Lee MG, et al. **EMBO J** 1984 Dec 1;3(12):2825-30

Molecular cloning and sequencing of cDNA for yeast porin, an outer mitochondrial membrane protein: a search for targeting signal in the primary structure. Mihara K, et al. **EMBO J** 1985 Mar;4(3):769-74

Polypeptide chain elongation factor 1 alpha (EF-1 alpha) from yeast: nucleotide sequence of one of the two genes for EF-1 alpha from Saccharomyces cerevisiae. Nagata S, et al. **EMBO J** 1984 Aug;3(8):1825-30

Role of conserved sequence elements in yeast centromere DNA. Panzeri L, et al. **EMBO J** 1985 Jul;4(7):1867-74

Sequencing of the nuclear gene for the yeast cytochrome c1 precursor reveals an unusually complex amino-terminal presequence. Sadler I, et al. **EMBO J** 1984 Sep; 3(9):2137-43

Identification of two genes coding for the translation elongation factor EF-1 alpha of S. cerevisiae. Schirmaier F, et al. **EMBO J** 1984 Dec 20;3(13):3311-5

Characterization of two genes required for the position-effect control of yeast mating-type genes. Shore D, et al. **EMBO J** 1984 Dec 1;3(12):2817-23

Isolation of the nuclear yeast genes for citrate synthase and fifteen other mitochondrial proteins by a new screening method. Suissa M, et al. **EMBO J** 1984 Aug;3(8):1773-81

Molecular cloning and characterization of the yeast RAD10 gene and expression of RAD10 protein in E. coli. Weiss WA, et al. **EMBO J** 1985 Jun;4(6):1575-82

Imino-proton resonances of yeast tRNAPhe studied by two-dimensional nuclear Overhauser enhancement spectroscopy. Heerschap A, et al. **Eur J Biochem** 1985 Jun 18;149(3):649-55

Increased ribosomal affinity for mRNA causes resistance to edeine in a mutant of Saccharomyces cerevisiae. Herrera F, et al. **Eur J Biochem** 1984 Dec 3;145(2):339-44

Molecular basis of the 'box effect', A maturase deficiency leading to the absence of splicing of two introns located in two split genes of yeast mitochondrial DNA. Labouesse M, et al. **Eur J Biochem** 1984 Oct 1;144(1):85-93

Macromolecular syntheses in the cell cycle mutant cdc25 of budding yeast. Martegani E, et al. **Eur J Biochem** 1984 Oct 15;144(2):205-10

The pho1 mutation. A frameshift, and its compensation, producing altered forms of physiologically efficient ATPase in yeast mitochondria. Somlo M, et al. **Eur J Biochem** 1985 Jul 1;150(1):89-94

Mitochondrial transcription and processing of transcripts during release from glucose repression in 'resting cells' of Saccharomyces cerevisiae. Zennaro E, et al. **Eur J Biochem** 1985 Feb 15;147(1):191-6

The primary structure of the gene encoding yeast ribosomal protein L16. Leer RJ, et al. **FEBS Lett** 1984 Oct 1; 175(2):371-6

'Red pigment' from ADE-2 mutants of S. cerevisiae prevents DNA cleavage by restriction endonucleases. Meškauskas A, et al. **FEBS Lett** 1985 Mar 25;182(2):413-4

A ribosomal protein that is immunologically conserved in archaebacteria, eubacteria and eukaryotes. Schmid G, et al. **FEBS Lett** 1984 Nov 19;177(2):189-94

Plasmids pEMBLY: new single-stranded shuttle vectors for the recovery and analysis of yeast DNA sequences. Baldari C, et al. **Gene** 1985;35(1-2):27-32

The nucleotide sequence of the yeast ARG4 gene. Beacham IR, et al. **Gene** 1984 Sep;29(3):271-9

Expression of a nitrogen-fixation gene encoding a nitrogenase subunit in yeast. Berman J, et al. **Gene** 1985;35(1-2):1-9

Expression of heterologous genes in Saccharomyces cerevisiae from vectors utilizing the glyceraldehyde-3-phosphate dehydrogenase gene promoter. Bitter GA, et al. **Gene** 1984 Dec;32(3):263-74

Two modules from the hypersuppressive rho- mitochondrial DNA are required for plasmid replication in yeast. Blanc H. **Gene** 1984 Oct;30(1-3):47-61

Isolation of a DNA fragment that is expressed as an amber suppressor when present in high copy number in yeast. Calderon IL, et al. **Gene** 1984 Jul-Aug;29(1-2):69-76

Total deletion of yeast LEU4: further evidence for a second alpha-isopropylmalate synthase and evidence for tight LEU4-MET4 linkage. Chang LF, et al. **Gene** 1985; 33(3):333-9

Transcriptional regulation of the MET3 gene of Saccharomyces cerevisiae. Cherest H, et al. **Gene** 1985; 34(2-3):269-81

The ori sequences of the mitochondrial genome of a wild-type yeast strain: number, location, orientation and structure. de Zamaroczy M, et al. **Gene** 1984 Dec; 32(3):439-57

A plasmid model to study genetic recombination in yeast. Embretson JE, et al. **Gene** 1984 Sep;29(3):293-302

A comparative study of the ori sequences from the mitochondrial genomes of twenty wild-type yeast strains. Faugeron-Fonty G, et al. **Gene** 1984 Dec;32(3):459-73

Nucleotide sequence of the 3' terminal region of the LEU2 gene from Saccharomyces cerevisiae. Froman BE, et al. **Gene** 1984 Nov;31(1-3):257-61

Transcription of the human adenovirus E1a gene in Saccharomyces cerevisiae. Handa H, et al. **Gene** 1985; 33(2):159-68

Vectors with restriction-site banks. III. Escherichia coli-Saccharomyces cerevisiae shuttle vectors. Heusterspreute M, et al. **Gene** 1985;34(2-3):363-6

Isolation and characterization of the RAD2 gene of Saccharomyces cerevisiae. Higgins DR, et al. **Gene** 1984 Oct;30(1-3):121-8

A 189-bp fragment of Crithidia fasciculata maxicircle DNA confers autonomous replication in Saccharomyces cerevisiae. Kim R, et al. **Gene** 1984 Jul-Aug;29(1-2):103-12

Cloning of the CDC7 gene of Saccharomyces cerevisiae in association with centromeric DNA. Meddle CC, et al. **Gene** 1985;34(2-3):179-86

Factors affecting heterologous gene expression in Saccharomyces cerevisiae. Mellor J, et al. **Gene** 1985; 33(2):215-26

Molecular cloning of the RAD10 gene of Saccharomyces cerevisiae. Prakash L, et al. **Gene** 1985;34(1):55-61

Structure and function of the yeast URA3 gene: expression in Escherichia coli. Rose M, et al. **Gene** 1984 Jul-Aug; 29(1-2):113-24

Molecular cloning of the GAL80 gene from Saccharomyces cerevisiae and characterization of a gal80 deletion. Yocum RR, et al. **Gene** 1984 Dec;32(1-2):75-82

Physiological characterization of adaptive clones in evolving populations of the yeast, Saccharomyces cerevisiae. Adams J, et al. **Genetics** 1985 Jun;110(2):173-85

Two recessive suppressors of Saccharomyces cerevisiae cho1 that are unlinked but fall in the same complementation group. Atkinson KD. **Genetics** 1985 Sep;111(1):1-6

Rearrangement of the genetic map of chromosome VII of Saccharomyces cerevisiae. Celenza JL, et al. **Genetics** 1985 Apr;109(4):661-4

Cloning and characterization of yeast Leu4, one of two genes responsible for alpha-isopropylmalate synthesis. Chang LF, et al. **Genetics** 1984 Sep;108(1):91-106

Identification of new genes involved in the regulation of yeast alcohol dehydrogenase II. Denis CL. **Genetics** 1984 Dec;

108(4):833-44

Meiotic recombination and sporulation in repair-deficient strains of yeast. Dowling EL, et al. **Genetics** 1985 Feb; 109(2):283-302

Rad52-independent mitotic gene conversion in Saccharomyces cerevisiae frequently results in chromosomal loss. Haber JE, et al. **Genetics** 1985 Sep; 111(1):7-22

Mapping CDC mutations in the yeast S. cerevisiae by rad52-mediated chromosome loss. Hanic-Joyce PJ. **Genetics** 1985 Aug;110(4):591-607

Altered fidelity of mitotic chromosome transmission in cell cycle mutants of S. cerevisiae. Hartwell LH, et al. **Genetics** 1985 Jul;110(3):381-95

Meiotic recombination between duplicated genetic elements in Saccharomyces cerevisiae. Jackson JA, et al. **Genetics** 1985 Feb;109(2):303-32

Temperature-sensitive lethal mutations on yeast chromosome I appear to define only a small number of genes. Kaback DB, et al. **Genetics** 1984 Sep;108(1):67-90

Mutations leading to expression of the cryptic HMRa locus in the yeast Saccharomyces cerevisiae. Kassir Y, et al. **Genetics** 1985 Mar;109(3):481-92

The role of the SPO11 gene in meiotic recombination in yeast. Klapholz S, et al. **Genetics** 1985 Jun;110(2):187-216

Genes affecting the regulation of SUC2 gene expression by glucose repression in Saccharomyces cerevisiae. Neigeborn L, et al. **Genetics** 1984 Dec;108(4):845-58

A mapping method for Saccharomyces cerevisiae using rad52-induced chromosome loss. Schild D, et al. **Genetics** 1985 Aug;110(4).569-89

Resolution of dicentric chromosomes by Ty-mediated recombination in yeast. Surosky RT, et al. **Genetics** 1985 Jul;110(3):397-419

Location of the genes that control induction of the allantoin-degrading enzymes in Saccharomyces cerevisiae. Turoscy V, et al. **Genetics** 1984 Dec;108(4):827-31

Meiotic gene conversion mutants in Saccharomyces cerevisiae. I. Isolation and characterization of pms1-1 and pms1-2. Williamson MS, et al. **Genetics** 1985 Aug; 110(4):609-46

Genetic activity in yeast assays of reputed nonmutagenic, carcinogenic N-nitroso compounds and methapyrilene hydrochloride. Mehta RD, et al. **IARC Sci Publ** 1984; (57):721-9

Mating ability during chemically induced G1 arrest of cells of the yeast Saccharomyces cerevisiae. Bedard DP, et al. **J Bacteriol** 1984 Dec;160(3):1196-8

Deletion of plasmid sequences during Saccharomyces cerevisiae transformation. Clancy S, et al. **J Bacteriol** 1984 Sep;159(3):1065-7

Alpha mating type-specific expression of mutations leading to constitutive agglutinability in Saccharomyces cerevisiae. Doi S, et al. **J Bacteriol** 1985 Feb;161(2):596-601

Characterization of Saccharomyces cerevisiae mutants supersensitive to aminoglycoside antibiotics. Ernst JF, et al. **J Bacteriol** 1985 Jul;163(1):8-14

Regulation of phospholipid synthesis in phosphatidylserine synthase-deficient (chol) mutants of Saccharomyces cerevisiae. Letts VA, et al. **J Bacteriol** 1985 Aug; 163(2):560-7

Cloning of GLN4: an essential gene that encodes glutaminyl-tRNA synthetase in Saccharomyces cerevisiae. Ludmerer SW, et al. **J Bacteriol** 1985 Aug;163(2):763-8

Rapid method for isolation and screening of cytochrome c oxidase-deficient mutants of Saccharomyces cerevisiae. McEwen JE, et al. **J Bacteriol** 1985 Mar;161(3):831-5

Expression of a Saccharomyces cerevisiae photolyase gene in Escherichia coli. Sancar GB. **J Bacteriol** 1985 Feb; 161(2):769-71

Formation of septum-like structures at locations remote from the budding sites in cytokinesis-defective mutants of Saccharomyces cerevisiae. Slater ML, et al. **J Bacteriol** 1985 May;162(2):763-7

Isolation and characterization of the RNA2+, RNA4+, and RNA11+ genes of Saccharomyces cerevisiae. Soltyk A, et al. **J Bacteriol** 1984 Dec;160(3):1093-100

Interaction of UAG suppressors and omnipotent suppressors in Saccharomyces cerevisiae. Song JM, et al. **J Bacteriol** 1985 Feb;161(2):778-80

Nucleotide sequence involved in the replication of cloned yeast mitochondrial DNA. Wakabayashi K, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):171-7

Inversions in mitochondrial DNA of a petite mutant of yeast. Wakabayashi K, et al. **J Biochem (Tokyo)** 1984 Nov; 96(5):1559-64

Modified nucleoside, 5-carbamoylmethyluridine, located in the first position of the anticodon of yeast valine tRNA. Yamamoto N, et al. **J Biochem (Tokyo)** 1985 Jan; 97(1):361-4

Cloning, nucleotide sequence, and expression of one of two genes coding for yeast elongation factor 1 alpha. Cottrelle P, et al. **J Biol Chem** 1985 Mar 10;260(5):3090-6

Assembly of the mitochondrial membrane system. CBP6, a yeast nuclear gene necessary for synthesis of cytochrome b. Dieckmann CL, et al. **J Biol Chem** 1985 Feb 10; 260(3):1513-20

Attempted expression of a human initiator tRNA gene in Saccharomyces cerevisiae. Drabkin HJ, et al. **J Biol Chem** 1985 May 10;260(9):5596-602

Nucleolytic processing of a tRNAArg-tRNAAsp dimeric precursor by a homologous component from Saccharomyces cerevisiae. Engelke DR, et al. **J Biol Chem** 1985 Jan 25;260(2):1271-9

Identification of an altered elongation factor in temperature-sensitive mutant ts 7'-14 of Saccharomyces cerevisiae. Herrera F, et al. **J Biol Chem** 1984 Dec 10; 259(23):14347-9

Nuclear mutants of Saccharomyces cerevisiae with altered subunits 4, 5, and 6 of cytochrome oxidase. Koerner TJ, et al. **J Biol Chem** 1985 May 25;260(10):5871-4

Transfer RNA splicing in Saccharomyces cerevisiae. Secondary and tertiary structures of the substrates. Lee MC, et al. **J Biol Chem** 1985 Mar 10;260(5):3108-15

Structure of a precursor to the yeast mitochondrial tRNAMetf. Implications for the function of the tRNA synthesis locus. Martin NC, et al. **J Biol Chem** 1985 Feb 10;260(3):1479-83

Deletion mapping the yeast TRP5 control region. Moye WS, et al. **J Biol Chem** 1985 Apr 25;260(8):4718-23

Characterization of factors and DNA sequences required for accurate transcription of the Saccharomyces cerevisiae 5 S RNA gene. Taylor MJ, et al. **J Biol Chem** 1985 Apr 10;260(7):4531-40

Chromatin conformation of yeast centromeres. Bloom KS, et al. **J Cell Biol** 1984 Nov;99(5):1559-68

A heat shock-resistant mutant of Saccharomyces cerevisiae shows constitutive synthesis of two heat shock proteins and altered growth. Iida H, et al. **J Cell Biol** 1984 Oct; 99(4 Pt 1):1441-50

Heat shock--a comparison of Drosophila and yeast. Lindquist S. **J Embryol Exp Morphol** 1984 Nov;83 Suppl:147-61

Expression of the Pseudomonas gene coding for carboxypeptidase G2 in Saccharomyces cerevisiae. Clarke LE, et al. **J Gen Microbiol** 1985 Apr;131 (Pt 4):897-903

Adenine phosphoribosyltransferase mutants in Saccharomyces cerevisiae. Woods RA, et al. **J Gen Microbiol** 1984 Oct;130 (Pt 10):2629-37

Induction of the yeast alpha-specific STE3 gene by the peptide pheromone a-factor. Hagen DC, et al. **J Mol Biol** 1984 Oct 5;178(4):835-52

Yeast regulatory gene PPR1. I. Nucleotide sequence, restriction map and codon usage. Kammerer B, et al. **J Mol Biol** 1984 Dec 5;180(2):239-50

Yeast amber suppressors corresponding to tRNA3Leu genes. Liebman SW, et al. **J Mol Biol** 1984 Sep 15;178(2):209-26

Yeast regulatory gene PPR1. II. Chromosomal localization, meiotic map, suppressibility, dominance/recessivity and dosage effect. Liljelund P, et al. **J Mol Biol** 1984 Dec 5; 180(2):251-65

Partial suppression of an ochre mutation in Saccharomyces cerevisiae by multicopy plasmids containing a normal yeast tRNAGln gene. Pure GA, et al. **J Mol Biol** 1985 May 5;183(1):31-42

Five SWI genes are required for expression of the HO gene in yeast. Stern M, et al. **J Mol Biol** 1984 Oct 5;178(4):853-68

Nuclease digestion of circular TRP1ARS1 chromatin reveals positioned nucleosomes separated by nuclease-sensitive regions. Thoma F, et al. **J Mol Biol** 1984 Aug 25; 177(4):715-33

Glu-tRNAGln: an intermediate in yeast mitochondrial protein synthesis. Martin NC, et al. **Methods Enzymol** 1984; 106:152-7

A positive selection for mutants lacking orotidine-5'-phosphate decarboxylase activity in yeast: 5-fluoro-orotic acid resistance. Boeke JD, et al. **MGG** 1984;197(2):345-6

Cytochrome b of cob revertants in yeast. I. Isolation and characterization of revertants derived from cob exon mutants of Saccharomyces cerevisiae. Burger G. **MGG** 1984;196(1):158-66

Isolation of the catalase A gene of Saccharomyces cerevisiae by complementation of the cta1 mutation. Cohen G, et al. **MGG** 1985;200(1):74-9

Mutational analysis of the MAL1 locus of Saccharomyces: identification and functional characterization of three genes. Cohen JD, et al. **MGG** 1984;196(2):208-16

Isolation and characterization of the yeast ARGRII gene involved in regulating both anabolism and catabolism of arginine. Dubois E, et al. **MGG** 1985;198(2):283-9

Gene conversion at different points in the mitotic cycle of Saccharomyces cerevisiae. Fabre F, et al. **MGG** 1984; 195(1-2):139-43

A mutant plasmid with increased stability of holding and polymerization in Saccharomyces cerevisiae. Harashima S, et al. **MGG** 1985;199(1):14-20

Localization of the upstream regulatory sites of yeast iso2-cytochrome c gene. Iborra F, et al. **MGG** 1985; 199(1):117-22

Mutagenesis in yeast-misreplication or misrepair? Kilbey BJ. **MGG** 1984;197(3):519-21

Mating-type switching in yeast is induced by thymine nucleotide depletion. Kunz BA, et al. **MGG** 1985; 199(3):540-2

Expression of an Escherichia coli phr gene in the yeast Saccharomyces cerevisiae. Langeveld SA, et al. **MGG** 1985;199(3):396-400

UV and chemical mutagenesis in rev7 mutants of yeast. Lawrence CW, et al. **MGG** 1985;200(1):86-91

Response of S. cerevisiae to N-methyl-N'-nitro-N-nitrosoguanidine: mutagenesis, survival and DDR gene expression. Maga JA, et al. **MGG** 1985;200(2):313-21

Modification of nuclear gene expression by inhibition of mitochondrial translation during sporulation in MAT alpha/MATa diploids of Saccharomyces cerevisiae. Marmiroli N, et al. **MGG** 1984;198(1):69-74

Molecular cloning and genetic mapping of the PET494 gene of Saccharomyces cerevisiae. Müller PP, et al. **MGG** 1984; 195(1-2):275-80

Expression of the RAD1 and RAD3 genes of Saccharomyces cerevisiae is not affected by DNA damage or during the cell division cycle. Nagpal ML, et al. **MGG** 1985; 199(1):59-63

Replicating instabilities in yeast: occurrence in different mutational systems. Nasim A, et al. **MGG** 1985;199(1):152-3

Regulation of expression of the galactose gene cluster in Saccharomyces cerevisiae. II. The isolation and dosage effect of the regulatory gene GAL80. Nogi Y, et al. **MGG** 1984;195(1-2):29-34

Structure and mitotic stability of minichromosomes originating in yeast cells transformed with tandem dimers of CEN11 plasmids. Oertel W, et al. **MGG** 1984; 195(1-2):300-7

Multiple genes control particulate phosphofructokinase of yeast. Parmar L, et al. **MGG** 1984;197(3):515-6

Mitochondrial resistance to miconazole in Saccharomyces cerevisiae. Portillo F, et al. **MGG** 1985;199(3):495-9

Mutation affecting the specific regulatory control of lysine biosynthetic enzymes in Saccharomyces cerevisiae. Ramos F, et al. **MGG** 1985;200(2):291-4

Cloning and expression of the structural gene for beta-glucosidase of Kluyveromyces fragilis in Escherichia coli and Saccharomyces cerevisiae. Raynal A, et al. **MGG** 1984;195(1-2):108-15

A hybrid DNA sequence containing the replication origin of the multicopy yeast plasmid 2 micron circle and an additional repeated sequence can convert maltose-negative into maltose-positive strains. Rodicio R, et al. **MGG** 1984; 197(3):491-6

Organization and processing of the mitochondrial oxi3/oli2 multigenic transcript in yeast. Simon M, et al. **MGG** 1984; 196(2):266-74

Genetic analysis of Saccharomyces cerevisiae SY 15 relaxed mutant. Stateva LI, et al. **MGG** 1984;195(1-2):234-7

Cloning and mapping of the sporulation gene, spoT7, in Saccharomyces cerevisiae. Tanaka H, et al. **MGG** 1985; 199(1):21-5

Nuclear genes coding for four subunits of the yeast ubiquinol-cytochrome c reductase complex are present in single copies in the haploid genome and at least two of these are located on different chromosomes. Van Loon AP, et al. **MGG** 1984;197(2):219-24

Regulation of the expression of iso 2-cytochrome c gene in S. cerevisiae: cloning of the positive regulatory gene CYP1 and identification of the region of its target sequence on the structural gene CYP3. Verdière J, et al. **MGG** 1985; 199(3):524-33

Replicon size of yeast ribosomal DNA. Walmsley RM, et al. **MGG** 1984;195(1-2):260-6

Leakiness of termination codons in mitochondrial mutants of the yeast Saccharomyces cerevisiae. Weiss-Brummer B, et al. **MGG** 1984;198(1):62-8

Cytoplasmic transformation of Saccharomyces cerevisiae using purified mtDNA. Maqueda M, et al. **Microbios** 1984; 41(165-166):205-8

Biochemical and genetic analysis of an acatalasic rho- mutant of Saccharomyces cerevisiae. Maqueda M, et al. **Microbios** 1985;42(167):17-25

Two genes for ribosomal protein 51 of Saccharomyces cerevisiae complement and contribute to the ribosomes. Abovich N, et al. **Mol Cell Biol** 1984 Sep;4(9):1871-

Primary structure of the RAD52 gene in Saccharomyces cerevisiae. Adzuma K, et al. **Mol Cell Biol** 1984 Dec; 4(12):2735-44

Characterization of an essential Saccharomyces cerevisiae gene related to RNA processing: cloning of RNA1 and generation of a new allele with a novel phenotype. Atkinson NS, et al. **Mol Cell Biol** 1985 May;5(5):907-

Expression of the Saccharomyces cerevisiae GAL7 gene on autonomous plasmids. Baker SM, et al. **Mol Cell Biol** 1984 Oct;4(10):2062-71

Deletion analysis identifies a region, upstream of the ADH2 gene of Saccharomyces cerevisiae, which is required for ADR1-mediated derepression. Beier DR, et al. **Mol Cell Biol** 1985 Jul;5(7):1743-9

Stimuli that induce a yeast heat shock gene fused to beta-galactosidase. Brazzell C, et al. **Mol Cell Biol** 1984 Dec;4(12):2573-9

Deletion mutations affecting autonomously replicating sequence ARS1 of Saccharomyces cerevisiae. Celniker SE, et al. **Mol Cell Biol** 1984 Nov;4(11):2455-66

Micronuclear DNA of Oxytricha nova contains sequences with autonomously replicating activity in Saccharomyces cerevisiae. Colombo MM, et al. **Mol Cell Biol** 1984 Sep; 4(9):1725-9

High-resolution mapping of DNase I-hypersensitive sites of Drosophila heat shock genes in Drosophila melanogaster and Saccharomyces cerevisiae. Costlow N, et al. **Mol Cell Biol** 1984 Sep;4(9):1853-63

Frameshift suppressor mutations outside the anticodon in yeast proline tRNAs containing an intervening sequence. Cummins CM, et al. **Mol Cell Biol** 1985 Jul;5(7):1760-

Differential regulation of the 70K heat shock gene and related genes in Saccharomyces cerevisiae. Ellwood MS, et al.

Mol Cell Biol 1984 Aug;4(8):1454–9

Identification of regulatory regions within the Ty1 transposable element that regulate iso-2-cytochrome c production in the CYC7-H2 yeast mutant. Errede B, et al. **Mol Cell Biol** 1984 Jul;4(7):1393–401

Expression of the gene for ornithine decarboxylase of Saccharomyces cerevisiae in Escherichia coli. Fonzi WA, et al. **Mol Cell Biol** 1985 Jan;5(1):161–6

Characterization of yeast strains with conditionally expressed variants of ribosomal protein genes tcm1 and cyh2. Fried HM, et al. **Mol Cell Biol** 1985 Jan;5(1):99–108

Codon recognition during frameshift suppression in Saccharomyces cerevisiae. Gaber RF, et al. **Mol Cell Biol** 1984 Oct;4(10):2052–61

Sequences responsible for transcription termination on a gene segment in Saccharomyces cerevisiae. Henikoff S, et al. **Mol Cell Biol** 1984 Aug;4(8):1515–20

Structure of the SAD mutation and the location of control sites at silent mating type genes in Saccharomyces cerevisiae. Hicks J, et al. **Mol Cell Biol** 1984 Jul; 4(7):1278–85

Isolation of the SUP45 omnipotent suppressor gene of Saccharomyces cerevisiae and characterization of its gene product. Himmelfarb HJ, et al. **Mol Cell Biol** 1985 Apr; 5(4):816–22

Expression of the Escherichia coli dam methylase in Saccharomyces cerevisiae: effect of in vivo adenine methylation on genetic recombination and mutation. Hoekstra MF, et al. **Mol Cell Biol** 1985 Apr;5(4):610–8

Rearrangements of highly polymorphic regions near telomeres of Saccharomyces cerevisiae. Horowitz H, et al. **Mol Cell Biol** 1984 Nov;4(11):2509–17

Sequences that regulate the divergent GAL1-GAL10 promoter in Saccharomyces cerevisiae. Johnston M, et al. **Mol Cell Biol** 1984 Aug;4(8):1440–8

Saccharomyces cerevisiae exhibits a sporulation-specific temporal pattern of transcript accumulation. Kaback DB, et al. **Mol Cell Biol** 1985 Apr;5(4):751–61

Transcriptional and post-transcriptional control of PHO8 expression by PHO regulatory genes in Saccharomyces cerevisiae. Kaneko Y, et al. **Mol Cell Biol** 1985 Jan; 5(1):248–52

Primary structure of the nuclear PUT2 gene involved in the mitochondrial pathway for proline utilization in Saccharomyces cerevisiae. Krzywicki KA, et al. **Mol Cell Biol** 1984 Dec;4(12):2837–42

Alpha-factor structural gene mutations in Saccharomyces cerevisiae: effects on alpha-factor production and mating. Kurjan J. **Mol Cell Biol** 1985 Apr;5(4):787–96

Isolation and characterization of the RNA2, RNA3, and RNA11 genes of Saccharomyces cerevisiae. Last RL, et al. **Mol Cell Biol** 1984 Nov;4(11):2396–405

The INO2 and INO4 loci of Saccharomyces cerevisiae are pleiotropic regulatory genes. Loewy BS, et al. **Mol Cell Biol** 1984 Nov;4(11):2479–85

Positive regulatory interactions of the HIS4 gene of Saccharomyces cerevisiae. Lucchini G, et al. **Mol Cell Biol** 1984 Jul;4(7):1326–33

Specific transcripts are elevated in Saccharomyces cerevisiae in response to DNA damage. McClanahan T, et al. **Mol Cell Biol** 1984 Nov;4(11):2356–63

Regulation of glutamine-repressible gene products by the GLN3 function in Saccharomyces cerevisiae. Mitchell AP, et al. **Mol Cell Biol** 1984 Dec;4(12):2758–66

RAD3 gene of Saccharomyces cerevisiae: nucleotide sequence of wild-type and mutant alleles, transcript mapping, and aspects of gene regulation. Naumovski L, et al. **Mol Cell Biol** 1985 Jan;5(1):17–26

Cytoplasmic and secreted Saccharomyces cerevisiae invertase mRNAs encoded by one gene can be differentially or coordinately regulated. Perlman D, et al. **Mol Cell Biol** 1984 Sep;4(9):1682–8

Regulation of CDC9, the Saccharomyces cerevisiae gene that encodes DNA ligase. Peterson TA, et al. **Mol Cell Biol** 1985 Jan;5(1):226–35

Regulation of basal and induced levels of the MEL1 transcript in Saccharomyces cerevisiae. Post-Beittenmiller MA, et al. **Mol Cell Biol** 1984 Jul;4(7):1238–45

DNase I-hypersensitive sites in the galactose gene cluster of Saccharomyces cerevisiae. Proffitt JH. **Mol Cell Biol** 1985 Jun;5(6):1522–4

DNA polymerases, deoxyribonucleases, and recombination during meiosis in Saccharomyces cerevisiae. Resnick MA, et al. **Mol Cell Biol** 1984 Dec;4(12):2811–7

Specific Saccharomyces cerevisiae genes are expressed in response to DNA-damaging agents. Ruby SW, et al. **Mol Cell Biol** 1985 Jan;5(1):75–84

Upstream region required for regulated expression of the glucose-repressible SUC2 gene of Saccharomyces cerevisiae. Sarokin L, et al. **Mol Cell Biol** 1984 Dec; 4(12):2750–7

Cloning and mapping of Saccharomyces cerevisiae photoreactivation gene PHR1. Schild D, et al. **Mol Cell Biol** 1984 Sep;4(9):1864–70

Conservative replication of double-stranded RNA in Saccharomyces cerevisiae by displacement of progeny single strands. Sclafani RA, et al. **Mol Cell Biol** 1984 Aug; 4(8):1618–26

Virus-like particle capsid proteins encoded by different L double-stranded RNAs of Saccharomyces cerevisiae: their roles in maintenance of M double-stranded killer plasmids. El-Sherbeini M, et al. **Mol Cell Biol** 1984 Dec; 4(12):2818–27

Effects of Ty insertions on HIS4 transcription in Saccharomyces cerevisiae. Silverman SJ, et al. **Mol Cell Biol** 1984 Jul;4(7):1246–51

Double-stranded RNAs that encode killer toxins in Saccharomyces cerevisiae: unstable size of M double-stranded RNA and inhibition of M2 replication by M1. Sommer SS, et al. **Mol Cell Biol** 1984 Sep;4(9):1747–53

Effect of ARS1 mutations on chromosome stability in Saccharomyces cerevisiae. Srienc F, et al. **Mol Cell Biol** 1985 Jul;5(7):1676–84

Cell cycle-dependent expression of thymidylate synthase in Saccharomyces cerevisiae. Storms RK, et al. **Mol Cell Biol** 1984 Dec;4(12):2858–64

Expression and characterization of ras mRNAs from Saccharomyces cerevisiae. Temeles GL, et al. **Mol Cell Biol** 1984 Nov;4(11):2298–305

Disruption of regulatory gene GAL80 in Saccharomyces cerevisiae: effects on carbon-controlled regulation of the galactose/melibiose pathway genes. Torchia TE, et al. **Mol Cell Biol** 1984 Aug;4(8):1521–7

Saccharomyces cerevisiae coordinates accumulation of yeast ribosomal proteins by modulating mRNA splicing, translational initiation, and protein turnover. Warner JR, et al. **Mol Cell Biol** 1985 Jun;5(6):1512–21

Saccharomyces cerevisiae GAL1-GAL10 divergent promoter region: location and function of the upstream activating sequence UASG. West RW Jr, et al. **Mol Cell Biol** 1984 Nov;4(11):2467–78

Negative regulation of STE6 gene expression by the alpha 2 product of Saccharomyces cerevisiae. Wilson KL, et al. **Mol Cell Biol** 1984 Nov;4(11):2420–7

A positive regulatory site and a negative regulatory site control the expression of the Saccharomyces cerevisiae CYC7 gene. Wright CF, et al. **Mol Cell Biol** 1984 Oct; 4(10):2023–30

Molecular cloning and nucleotide sequence analysis of the Saccharomyces cerevisiae RAD1 gene. Yang E, et al. **Mol Cell Biol** 1984 Oct;4(10):2161–9

Use of lacZ fusions to delimit regulatory elements of the inducible divergent GAL1-GAL10 promoter in Saccharomyces cerevisiae. Yocum RR, et al. **Mol Cell Biol** 1984 Oct;4(10):1985–98

Saccharomyces cerevisiae ribosomes recognize non-AUG initiation codons. Zitomer RS, et al. **Mol Cell Biol** 1984 Jul;4(7):1191–7

Relationship between lesions photoinduced by mono- and bi-functional furocoumarins in DNA and genotoxic effects in diploid yeast. Averbeck D. **Mutat Res** 1985 Sep; 151(2):217–33

Genetic control of the bypass of mono-adducts and of the repair of cross-links photoinduced by 8-methoxypsoralen in yeast. Chanet R, et al. **Mutat Res** 1985 May; 145(3):145–55

Mutagenic effect and mutation spectrum induced by 3H decay in the 8th position of DNA purine bases in Saccharomyces cerevisiae. Korolev VG, et al. **Mutat Res** 1985 May;149(3):359–64

New mutations affecting induced mutagenesis in yeast. Lawrence CW, et al. **Mutat Res** 1985 Jun-Jul; 150(1-2):211–6

Analysis of replication of DEB-alkylated DNA in yeast: bypass replication in a rad3 mutant of Saccharomyces cerevisiae. Lecka-Czernik B, et al. **Mutat Res** 1984 Nov-Dec;132(5-6):161–9

Further characterisation of processes removing EMS premutational lesions in yeast (S. cerevisiae). McBlane F, et al. **Mutat Res** 1985 May-Jun;143(1-2):35–8

Genetic toxicity of erythrosine in yeast. Matula TI, et al. **Mutat Res** 1984 Nov-Dec;138(2-3):153–6

The effect of newly induced mutations on the fitness of genotypes and populations of yeast (Saccharomyces cerevisiae). Orthen E, et al. **Mutat Res** 1984 Dec; 129(3):327–35

Inducibility of error-prone DNA repair in yeast? Siede W, et al. **Mutat Res** 1984 Oct;129(1):3–11 (71 ref.)

Transducing proteins. Yeast RAS and Tweedledee's logic [news] Bourne HR. **Nature** 1985 Sep 5–11;317(6032):16–7

A bacterial repressor protein or a yeast transcriptional terminator can block upstream activation of a yeast gene. Brent R, et al. **Nature** 1984 Dec 13–19;312(5995):612–5

A retrovirus-like strategy for expression of a fusion protein encoded by yeast transposon Ty1. Mellor J, et al. **Nature** 1985 Jan 17–23;313(5999):243–6

Identification and comparison of two sequence elements that confer cell-type specific transcription in yeast. Miller AM, et al. **Nature** 1985 Apr 18–24;314(6012):598–603

Role of DNA replication in the repression of silent mating type loci in yeast. Miller AM, et al. **Nature** 1984 Nov 15–21; 312(5991):247–51

A test for intron function in the yeast actin gene. Ng R, et al. **Nature** 1985 Mar 14–20;314(6007):183–4

Yeast aids cancer research [news] Nurse P. **Nature** 1985 Feb 21–27;313(6004):631–2

The yeast ubiquitin gene: head-to-tail repeats encoding a polyubiquitin precursor protein. Ozkaynak E, et al. **Nature** 1984 Dec 13–19;312(5995):663–6

Synthesis in yeast of a functional oxidation-resistant mutant of human alpha-antitrypsin. Rosenberg S, et al. **Nature** 1984 Nov 1–7;312(5989):77–80

Mismatch-specific post-meiotic segregation frequency in yeast suggests a heteroduplex recombination intermediate. White JH, et al. **Nature** 1985 May 23–29;315(6017):350–2

Homologous versus heterologous gene expression in the yeast, Saccharomyces cerevisiae. Chen CY, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):8951–70

Nucleotide sequence of the yeast ILV2 gene which encodes acetolactate synthase. Falco SC, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):4011–27

Structure and expression of the M2 genomic segment of a type 2 killer virus of yeast. Hannig EM, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4379–400

Correlation between suppressed meiotic recombination and the lack of DNA strand-breaks in the rRNA genes of Saccharomyces cerevisiae. Høgset A, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7199–213

Subtelomeric regions of yeast chromosomes contain a 36 base-pair tandemly repeated sequence. Horowitz H, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7105–21

DNA synthesis in yeast cell-free extracts dependent on recombinant DNA plasmids purified from Escherichia coli. Jong AY, et al. **Nucleic Acids Res** 1985 Apr 25; 13(8):2943–58

Size and position of intervening sequences are critical for the splicing efficiency of pre-mRNA in the yeast Saccharomyces cerevisiae. Klinz FJ, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):3791–804

Structural comparison of yeast ribosomal protein genes. Leer RJ, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6685–700

Organization of the GAL1-GAL10 intergenic control region chromatin. Lohr D. **Nucleic Acids Res** 1984 Nov 26; 12(22):8457–74

Tandemly arranged variant 5S ribosomal RNA genes in the yeast Saccharomyces cerevisiae. McMahon ME, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8001–16

Evaluation of heterologous ARS activity in S. cerevisiae using cloned DNA from S. pombe. Maundrell K, et al. **Nucleic Acids Res** 1985 May 24;13(10):3711–22

Polymorphism in the structure of the yeast mitochondrial tRNA synthesis locus. Miller DL, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):859–72

Structure and organization of two linked ribosomal protein genes in yeast. Molenaar CM, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7345–58

Nucleotide sequence of the yeast regulatory gene GAL80. Nogi Y, et al. **Nucleic Acids Res** 1984 Dec 21; 12(24):9287–98

Transfer RNA splicing in Saccharomyces cerevisiae: defining the substrates. Ogden RC, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9367–82

Biogenesis of mitochondria: DNA sequence analysis of mit- mutations in the mitochondrial oli1 gene coding for mitochondrial ATPase subunit 9 in Saccharomyces cerevisiae. Ooi BG, et al. **Nucleic Acids Res** 1985 Feb 25; 13(4):1327–39

Initiation of transcription of a mitochondrial tRNA gene cluster in S. cerevisiae. Palleschi C, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7317–26

The nucleotide sequence of the RAD3 gene of Saccharomyces cerevisiae: a potential adenine nucleotide binding amino acid sequence and a nonessential acidic carboxyl terminal region. Reynolds P, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2357–72

Transcription of a Drosophila tRNAArg gene in yeast extract: 5'-flanking sequence dependence for transcription in a heterologous system. Schaack J, et al. **Nucleic Acids Res** 1985 Apr 25;13(8):2803–14

A mitochondrial reading frame which may code for a maturase-like protein in Saccharomyces cerevisiae. Séraphin B, et al. **Nucleic Acids Res** 1985 Apr 25; 13(8):3005–14

Does the 'non-coding' strand code? Sharp PM. **Nucleic Acids Res** 1985 Feb 25;13(4):1389–97

Yeast mitochondrial tRNAIle and tRNAMetm: nucleotide sequence and codon recognition patterns. Sibler AP, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1341–5

Synthesis, secretion and processing of alpha-factor-interferon fusion proteins in yeast. Singh A, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):8927–38

Erythromycin and spiramycin resistance mutations of yeast mitochondria: nature of the rib2 locus in the large ribosomal RNA gene. Sor F, et al. **Nucleic Acids Res** 1984 Nov 26; 12(22):8313–8

Crosslinking transfer RNA and messenger RNA at the ribosomal decoding region: identification of the site of reaction on the messenger RNA. Steiner G, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8181–91

A comparison of yeast ribosomal protein gene DNA sequences. Teem JL, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8295–312

Interaction between mitochondrial genes in yeast: evidence for novel box effect(s). Hensgens LA, et al. **Plasmid** 1984 Jul;12(1):41–51

Control of yeast alpha-specific genes: evidence for two blocks to expression in MATa/MAT alpha diploids. Ammerer G, et al. **Proc Natl Acad Sci USA** 1985 Sep; 82(17):5855–9

Regulated expression of endonuclease EcoRI in Saccharomyces cerevisiae: nuclear entry and biological consequences. Barnes G, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1354–8

Specific protein binding to far upstream activating sequences in polymerase II promoters. Bram RJ, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):43–7

Expression of human alpha 1-antitrypsin cDNA in the yeast Saccharomyces cerevisiae. Cabezón T, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6594-8

An electrophoretic karyotype for yeast. Carle GF, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3756-60

Isolation of the gene encoding adenylate cyclase in Saccharomyces cerevisiae. Casperson GF, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5060-3

Nucleotide sequence of a yeast Ty element: evidence for an unusual mechanism of gene expression. Clare J, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2829-33

Activation regions in a yeast transposon have homology to mating type control sequences and to mammalian enhancers. Errede B, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5423-7

Yeast mitochondrial genomes consisting of only A.T base pairs replicate and exhibit suppressiveness. Fangman WL, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7156-60

On ras gene function in yeast. Fraenkel DG. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4740-4

Upstream activation sites of the CYC1 gene of Saccharomyces cerevisiae are active when inverted but not when placed downstream of the 'TATA box'. Guarente L, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7860-4

Evidence for translational regulation of the activator of general amino acid control in yeast. Hinnebusch AG. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6442-6

Two-micrometer circle site-specific recombination: the minimal substrate and the possible role of flanking sequences. Jayaram M. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5875-9

High-frequency meiotic gene conversion between repeated genes on nonhomologous chromosomes in yeast. Jinks-Robertson S, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3350-4

Changing patterns of gene expression during sporulation in yeast. Kurtz S, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7323-7

Oxygen regulation of anaerobic and aerobic genes mediated by a common factor in yeast. Lowry CV, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6129-33

An immunological method for detecting gene expression in yeast colonies. Lyons S, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7426-30

Protein kinase activity associated with the product of the yeast cell division cycle gene CDC28. Reed SI, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4055-9

RAD6 gene of Saccharomyces cerevisiae encodes a protein containing a tract of 13 consecutive aspartates. Reynolds P, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):168-72

Transposable element sequences involved in the enhancement of yeast gene expression. Roeder GS, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5428-32

Yeast gene CDC8 encodes thymidylate kinase and is complemented by herpes thymidine kinase gene TK. Sclafani RA, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5821-5

Amino terminus of the yeast GAL4 gene product is sufficient for nuclear localization. Silver PA, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):5951-5

Genetic properties and chromatin structure of the yeast gal regulatory element: an enhancer-like sequence. Struhl K. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7865-9

Construction of telocentric chromosomes in Saccharomyces cerevisiae. Surosky RT, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2106-10

A product of yeast RAS2 gene is a guanine nucleotide binding protein. Tamanoi F, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6924-8

RAS2 of Saccharomyces cerevisiae is required for gluconeogenic growth and proper response to nutrient limitation. Tatchell K, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3785-9

Genetic control of chromosome length in yeast. Walmsley RM, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):506-10

Influence of different inhibitors on the activity of the RAD54 dependent step of DNA repair in Saccharomyces cerevisiae. Siede W, et al. **Radiat Environ Biophys** 1985;24(1):1-7

Microbial breeding. Proceedings of the international course held in Spoleto (Italy), September 3-8, 1984. **Riv Biol** 1984 Winter;77(4):533-613

The 'spliceosome': yeast pre-messenger RNA associates with a 40S complex in a splicing-dependent reaction. Brody E, et al. **Science** 1985 May 24;228(4702):963-7

Mammalian and yeast ras gene products: biological function in their heterologous systems. DeFeo-Jones D, et al. **Science** 1985 Apr 12;228(4696):179-84

Expression of the major surface antigen of Plasmodium knowlesi sporozoites in yeast. Sharma S, et al. **Science** 1985 May 17;228(4701):879-82

[Oncogenes of yeasts] Tsuchida N. **Kokubyo Gakkai Zasshi** 1985 Mar;52(1):167 **(Jpn)**

[Isolation of yeast mutants defective in phospholipid metabolism and cloning of genes for phospholipid synthesis] Nikawa J, et al. **Seikagaku** 1984 Sep;56(9):1125-32 (33 ref.) **(Jpn)**

[Natural interferon inducers: double-stranded RNA of killer plasmids of Saccharomyces cerevisiae] Duzhak AB, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):19-21 (Eng. Abstr.) **(Rus)**

[Chemico-enzymatic synthesis of the structural gene of yeast valine tRNA] Berlin IuA, et al. **Bioorg Khim** 1983 Jan;9(1):43-51 (Eng. Abstr.) **(Rus)**

[Transcription of the SV40 genome in Saccharomyces cerevisiae yeasts] Auézova LZh, et al. **Dokl Akad Nauk SSSR** 1985;282(4):1007-10 **(Rus)**

[Molecular nature of the direct mutations induced by 4-nitro-quinoline-N-oxide and 3-methyl-4-nitroquinoline-N-oxide in the ADE2 gene of Saccharomyces cerevisiae] Kasinova GV, et al. **Genetika** 1985 Jun;21(6):914-8 (Eng. Abstr.) **(Rus)**

[Nuclear mutants of Saccharomyces cerevisiae K2 yeasts with decreased killer activity] Filatov AA, et al. **Genetika (Moskva)** 1984 Nov;20(11):1792-7 (Eng. Abstr.) **(Rus)**

[Genetic consequences of decay via the scheme of radionuclide electron capture in a yeast cell] Gracheva LM, et al. **Genetika (Moskva)** 1984 Aug;20(8):1264-9 (Eng. Abstr.) **(Rus)**

[Characteristics of the range of mutations in nystatin resistance induced in yeasts by 6-N-hydroxylaminopurine] Mikhaĭlova NP, et al. **Genetika (Moskva)** 1984 Dec;20(12):2075-7 (Eng. Abstr.) **(Rus)**

[Comparative genetics of yeasts. XXII. The determination of alpha-methylglucoside fermentation by the maltose genes MAL6c2 and malx in the offspring of Saccharomyces cerevisiae N. C. Y. C. 74 strain] Naumov GI, et al. **Genetika (Moskva)** 1984 Sep;20(9):1472-9 (Eng. Abstr.) **(Rus)**

[Genetic activity of base analogs in Salmonella typhimurium and Escherichia coli and Saccharomyces cerevisiae] Pavlov IuI, et al. **Genetika (Moskva)** 1984 Aug;20(8):1270-8 (Eng. Abstr.) **(Rus)**

[Genetic control of the modification of the radiosensitivity of yeasts by oxygen and hypoxic sensitizers] Zhurakovskaia GP, et al. **Genetika (Moskva)** 1984 Aug;20(8):1311-7 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Phosphorylation of ribosomal proteins during differentiation of Saccharomyces cerevisiae. Szyszka R, et al. **Acta Biochim Pol** 1984;31(4):375-82

Subcellular fractionation of actively growing protoplasts of Saccharomyces cerevisiae. Martínez JP, et al. **Biochim Biophys Acta** 1984 Sep 14;805(1):59-71

Growth and the DNA-division sequence in the yeast Saccharomyces cerevisiae. Singer RA, et al. **Exp Cell Res** 1985 Apr;157(2):387-96

Effects of polymyxin B sulfate and polymyxin B nonapeptide on growth and permeability of the yeast Saccharomyces cerevisiae. Boguslawski G. **MGG** 1985;199(3):401-5

Growth and adaptation of Saccharomyces cerevisiae at different cadmium concentrations. Minney SF, et al. **Microbios** 1985;42(167):37-44

Cell size control of development in Saccharomyces cerevisiae. Calvert GR, et al. **Nature** 1984 Nov 1-7;312(5989):61-3

Ultraweak bioluminescence spectra of stationary phase Saccharomyces cerevisiae and Schizosaccharomyces pombe. Quickenden TI, et al. **Photochem Photobiol** 1985 May;41(5):611-5

[Growth kinetics of Escherichia coli and Saccharomyces cerevisiae cultured on membrane filters] Mafart P, et al. **Ann Inst Pasteur Microbiol** 1985 Mar-Apr;136A(2):247-59 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

Detection of an antigen to primary biliary cirrhosis in wild type and petite mutant Saccharomyces cerevisiae. Uzoegwu PN, et al. **Cell Biol Int Rep** 1984 Nov;8(11):987-92

Cross-reacting human and rabbit antibodies to antigens of Histoplasma capsulatum, Candida albicans, and Saccharomyces cerevisiae. Kumar BV, et al. **Infect Immun** 1985 Jun;48(3):806-12

Inhibition of yeast phagocytosis in macrophage cultures treated with slime polysaccharide purified from Pseudomonas aeruginosa. Grasso RJ, et al. **J Leukocyte Biol** 1984 Dec;36(6):771-4

ISOLATION & PURIFICATION

Image analysis method for the rapid counting of Saccharomyces cerevisiae cells. Costello PJ, et al. **Appl Environ Microbiol** 1985 Apr;49(4):863-6

METABOLISM

Phosphorylation-dephosphorylation changes in yeast ribosomal proteins S2 and S6 during growth under normal and hyperthermal conditions. Jakubowicz T. **Acta Biochim Pol** 1985;32(1):7-12

A ribonuclease H from yeast stimulates DNA polymerase in vitro. Karwan R, et al. **Adv Exp Med Biol** 1984;179:513-8

De novo DNA synthesis by yeast DNA polymerase I associated with primase activity. Plevani P, et al. **Adv Exp Med Biol** 1984;179:281-6

Genetic and biochemical effects of thymidylate stress in yeast. Little JG. **Basic Life Sci** 1985;31:211-31 (37 ref.)

Kinetics and pH-dependence of glycine-proton symport in Saccharomyces cerevisiae. Ballarin-Denti A, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):1-16

Defective assembly of the mitochondrial ribosomes in yeast cells grown in the presence of mitochondrial protein synthesis inhibitors. Maheshwari KK, et al. **Biochim Biophys Acta** 1985 Apr 19;824(4):273-83

Utilization of exogenous glycerophosphodiesters and glycerol 3-phosphate by inositol-starved yeast, Saccharomyces uvarum. Paltauf F, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):322-30

Inhibition of sterol biosynthesis by ergosterol and cholesterol in Saccharomyces cerevisiae. Pinto WJ, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):89-95

Intracellular pH distribution and transmembrane pH profile of yeast cells. Slavík J, et al. **Biochim Biophys Acta** 1984 Sep 27;766(3):679-84

Effect of mutants and inhibitors on mitochondrial transport systems in vivo in yeast. Wills C, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):57-66

A theoretical study of the effect of structural variations on the biochemical reactivity of yeast tRNAPhe and yeast tRNAAsp. Furois-Corbin S, et al. **Biophys Chem** 1985 Jun;22(1-2):1-10

Onset of birhythmicity in a regulated biochemical system. Morán F, et al. **Biophys Chem** 1984 Aug;20(1-2):149-56

Specific DNA binding of GAL4, a positive regulatory protein of yeast. Giniger E, et al. **Cell** 1985 Apr;40(4):767-74

CO2-dependent K+ efflux in yeast utilizing endogenous substrates. Opekarová M, et al. **Cell Mol Biol** 1985;31(3):195-200

alpha-Aminoadipate pathway for the biosynthesis of lysine in lower eukaryotes. Bhattacharjee JK. **CRC Crit Rev Microbiol** 1985;12(2):131-51 (132 ref.)

Hormone processing and membrane-bound proteinases in yeast. Achstetter T, et al. **EMBO J** 1985 Jan;4(1):173-7

A 70-kd protein of the yeast mitochondrial outer membrane is targeted and anchored via its extreme amino terminus. Hase T, et al. **EMBO J** 1984 Dec 20;3(13):3157-64

Abnormal amino acid metabolism in mutants of Saccharomyces cerevisiae affected in the initiation of sporulation. Dickinson JR, et al. **Eur J Biochem** 1985 Apr 15;148(2):405-6

The mechanism by which glucose increases fructose 2,6-bisphosphate concentration in Saccharomyces cerevisiae. A cyclic-AMP-dependent activation of phosphofructokinase 2. François J, et al. **Eur J Biochem** 1984 Nov 15;145(1):187-93

Phosphorylation of 3-O-methyl-D-glucose and catabolite repression in yeast. Gancedo C, et al. **Eur J Biochem** 1985 May 2;148(3):593-7

Cytochrome b, the var 1 protein, and subunits I and III of cytochrome c oxidase are synthesized without transient presequences in Saccharomyces cerevisiae. Mannhaupt G, et al. **Eur J Biochem** 1985 Aug 1;150(3):435-9

Similar dose response of heat shock protein synthesis and intracellular pH change in yeast. Weitzel G, et al. **Exp Cell Res** 1985 Jul;159(1):252-6

The metabolism of 8-methoxypsoralen by Saccharomyces cerevisiae. Evidence for an inducing effect of ethanol. Prognon P, et al. **Farmaco [Sci]** 1984 Sep;39(9):739-51

Denatured proteins are degraded more rapidly than abnormal proteins in cell-free extracts of Saccharomyces cerevisiae. Chopra AK, et al. **Folia Microbiol (Praha)** 1984;29(4):343-5

Transport of ethanol in baker's yeast. Kotyk A, et al. **Folia Microbiol (Praha)** 1985;30(1):90-1

Absence of glucose-stimulated transport in yeast protoplasts. Kotyk A, et al. **Folia Microbiol (Praha)** 1985;30(2):110-6

Ergosterol synthesis and population analysis of a fed-batch fermentation in Saccharomyces cerevisiae. Pichová A, et al. **Folia Microbiol (Praha)** 1985;30(2):134-40

Secretion can proceed uncoupled from net plasma membrane expansion in inositol-starved Saccharomyces cerevisiae. Atkinson KD, et al. **J Bacteriol** 1984 Oct;160(1):80-6

Saccharomyces cerevisiae does not accumulate ethanol against a concentration gradient. Guijarro JM, et al. **J Bacteriol** 1984 Dec;160(3):874-8

Role of inositol-containing sphingolipids in Saccharomyces cerevisiae during inositol starvation. Hanson BA. **J Bacteriol** 1984 Sep;159(3):837-42

Coordinate regulation of phospholipid biosynthesis in Saccharomyces cerevisiae: pleiotropically constitutive opi1 mutant. Klig LS, et al. **J Bacteriol** 1985 Jun;162(3):1135-41

Involvement of heme biosynthesis in control of sterol uptake by Saccharomyces cerevisiae. Lewis TA, et al. **J Bacteriol** 1985 Jul;163(1):199-207

Dual system for potassium transport in Saccharomyces cerevisiae. Rodriguez-Navarro A, et al. **J Bacteriol** 1984 Sep;159(3):940-5

alpha-Aminoadipate as a primary nitrogen source for Saccharomyces cerevisiae mutants. Zaret KS, et al. **J Bacteriol** 1985 May;162(2):579-83

Preparation of 14C-labeled and unlabeled sterol intermediates from yeast using metabolic inhibitors. Nakanishi S, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1665-72

Specific induction of Ca2+ transport activity in MATa cells of Saccharomyces cerevisiae by a mating pheromone, alpha factor. Ohsumi Y, et al. **J Biol Chem** 1985 Sep 5;260(19):10482-6

Effect of temperature on protein synthesis and leucine transport by yeast mitochondria. Finzi E, et al. **Membr Biochem** 1985;5(4):291-307

Yeast sterols: yeast mutants as tools for the study of sterol metabolism. Parks LW, et al. **Methods Enzymol** 1985;

111:333–46

Effects of inhibitors of plasma-membrane ATPase on potassium and calcium fluxes, membrane potential and proton motive force in the yeast Saccharomyces cerevisiae. Eilam Y, et al. **Microbios** 1984;41(165–166):177–89

Asparagine-linked glycosylation in Saccharomyces cerevisiae: genetic analysis of an early step. Barnes G, et al. **Mol Cell Biol** 1984 Nov;4(11):2381–8

Invertase beta-galactosidase hybrid proteins fail to be transported from the endoplasmic reticulum in Saccharomyces cerevisiae. Emr SD, et al. **Mol Cell Biol** 1984 Nov;4(11):2347–55

Yeast and mammalian ras proteins have conserved biochemical properties. Temeles GL, et al. **Nature** 1985 Feb 21–27;313(6004):700–3

The synthesis and in vivo assembly of functional antibodies in yeast. Wood CR, et al. **Nature** 1985 Apr 4–10; 314(6010):446–9

An evaluation of methods used to prepare yeast mitochondria for transcriptional studies. Rickwood D, et al. **Prep Biochem** 1984;14(2):163–71

Influenza viral (A/WSN/33) hemagglutinin is expressed and glycosylated in the yeast Saccharomyces cerevisiae. Jabbar MA, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2019–23

Sterol control of the phosphatidylethanolamine-phosphatidylcholine conversion in the yeast mutant GL7. Kawasaki S, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5715–9

Presence and source of free isopentenyladenosine in yeasts. Laten HM, et al. **Proc Natl Acad Sci USA** 1985 Feb; 82(4):1113–5

Photoaffinity labeling and characterization of the cloned purine-cytosine transport system in Saccharomyces cerevisiae. Schmidt R, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6276–80

Thiopyronine and 8-methoxypsoralen sensitized photodynamic effect on DNA synthesis in yeast. Lochmann ER, et al. **Radiat Environ Biophys** 1985;24(2):157–60

Accumulation of nitrite and sulfite in yeast cells and synergistic depletion of the intracellular ATP content. Hinze H, et al. **Z Lebensm Unters Forsch** 1985 Feb; 180(2):117–20

Occurrence of 'stress'-proteins in yeast after heat-shock, acrylonitrile treatment and during the stationary growth phase. Pfeffer U, et al. **Z Naturforsch [C]** 1985 Jan–Feb; 40(1–2):26–8

[Iron accumulation by saccharomycete yeasts growing on media with an elevated iron content] Kovalev LM, et al. **Biol Nauki** 1985;(2):93–9 (Eng. Abstr.) **(Rus)**

[The role of glutathione in natural and modified radioresistance of yeast cells] Zolotareva LT, et al. **Radiobiologiia** 1984 Sep–Oct;24(5):654–6 (Eng. Abstr.) **(Rus)**

PATHOGENICITY

Toxicity of microbial products in cell culture. Ongrádi J, et al. **Folia Microbiol (Praha)** 1984;29(6):450–4

A comparison of phospholipase activity, cellular adherence and pathogenicity of yeasts. Barrett-Bee K, et al. **J Gen Microbiol** 1985 May;131 (Pt 5):1217–21

Saccharomyces cerevisiae infections in man. Eng RH, et al. **Sabouraudia** 1984;22(5):403–7

PHYSIOLOGY

Synergistic interaction of baker's yeast and iron in the enhancement of bacterial virulence. Joó I, et al. **Acta Microbiol Hung** 1984;31(3):197–206

Parental age and the life-span of zygotes of Saccharomyces cerevisiae. Müller I. **Antonie Van Leeuwenhoek** 1985; 51(1):1–10

Structure-activity relationships in the dodecapeptide alpha-factor of Saccharomyces cerevisiae: position 6 analogues are poor inducers of agglutinability. Baffi RA, et al. **Biochemistry** 1985 Jun 18;24(13):3332–7

Influence of sterol structure on yeast plasma membrane properties. Bottema CD, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):313–20

The effect of chemical modification of Saccharomyces cerevisiae on electrophoretic mobility, cell-wall structure and amphotericin B uptake. Ellul H, et al. **Biochim Biophys Acta** 1985 May 30;845(2):151–7

Endocytosis in yeast: several of the yeast secretory mutants are defective in endocytosis. Riezman H. **Cell** 1985 Apr; 40(4):1001–9

Endocytosis in Saccharomyces cerevisiae: internalization of enveloped viruses into spheroplasts. Makarow M. **EMBO J** 1985 Jul;4(7):1855–60

Endocytosis in Saccharomyces cerevisiae: internalization of alpha-amylase and fluorescent dextran into cells. Makarow M. **EMBO J** 1985 Jul;4(7):1861–6

Apparent inhibition of glycoprotein synthesis by S.cerevisiae mating pheromones. Orlean P, et al. **FEBS Lett** 1985 May 20;184(2):313–7

Protein synthesis during transition and stationary phases under glucose limitation in Saccharomyces cerevisiae. Boucherie H. **J Bacteriol** 1985 Jan;161(1):385–92

Dielectrophoretic behavior of yeast cells: effect of growth sources and cell wall and a comparison with fungal spores. López MC, et al. **J Bacteriol** 1985 May;162(2):790–3

Defective plasma membrane assembly in yeast secretory mutants. Tschopp J, et al. **J Bacteriol** 1984 Dec; 160(3):966–70

Outer plaque assembly and spore encapsulation are defective during sporulation of adenylate cyclase-deficient mutants of Saccharomyces cerevisiae. Uno I, et al. **J Cell Biol** 1985 Jun;100(6):1854–62

[Control of the cell division cycle and sporulation in Saccharomyces cerevisiae by the cyclic AMP system] Jacquet M, et al. **Biochimie** 1985 Jan;67(1):35–43 (47 ref.) (Eng. Abstr.) **(Fre)**

RADIATION EFFECTS

Heavy ion effects on yeast cells: reappearance of the oxygen effect with very high LET. Schöpfer F, et al. **Int J Radiat Biol** 1984 Sep;46(3):305–16

Inhibition of ribosomal RNA synthesis in yeast by ionizing radiations. Weber K, et al. **Int J Radiat Biol** 1984 Dec; 46(6):691–702

The oxygen effect on transcription inhibition in yeast. Weber KJ, et al. **Int J Radiat Biol** 1985 Apr;47(4):375–8

REV7, a new gene concerned with UV mutagenesis in yeast. Lawrence CW, et al. **MGG** 1985;200(1):80–5

Repair of potentially lethal damage in yeast induced by fast neutrons. Hannan MA, et al. **Mutat Res** 1985 May; 149(3):353–8

Repair of DNA single-strand breaks in X-irradiated yeast. II. Kinetics of repair as measured by the DNA-unwinding method. Ogorek B, et al. **Mutat Res** 1985 Jul;146(1):63–70

Repair of DNA single-strand breaks in X-irradiated yeast. I. Use of the DNA-unwinding method to measure DNA strand breaks. Ogorek B, et al. **Mutat Res** 1985 Jul; 146(1):55–61

Enhancement of porphyrin-photosensitization of yeast cells by ethanol. Ito T, et al. **Photochem Photobiol** 1984 Oct; 40(4):429–34

The phototoxicity of 2,5-diphenyloxazole (POP) and 1,4-bis(5-phenyloxazol-2-yl)benzene (POPOP). Kagan J, et al. **Photochem Photobiol** 1984 Oct:40(4):479–83

Release of P and K from yeast cells irradiated by vacuum UV below 170 nm. Matsumoto S, et al. **Radiat Environ Biophys** 1984;23(4):287–94

An oxygen effect for gamma-radiation induction of radiation resistance in yeast. Mitchel RE, et al. **Radiat Res** 1984 Oct; 100(1):205–10

[Simulation of the effects of radiation injury of DNA and genetic hazards of radionuclide decay. Dehydration of purine nucleotides during decay of an incorporated tritium] Korolev VG, et al. **Radiobiologiia** 1984 Sep–Oct; 24(5):659–62 (Eng. Abstr.) **(Rus)**

[Yeast survival following gamma irradiation: delayed colony formation and determination of the proportion of undamaged cells] Lobachevskii PN, et al. **Radiobiologiia** 1985 Jul–Aug;25(4):483–8 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Modulation of yeast plasma membrane composition of a yeast sterol auxotroph as a function of exogenous sterol. Low C, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):530–8

Comparison of eubacterial and eukaryotic 5S RNA structures: a chemical modification study. Kjems J, et al. **Biochemistry** 1985 Jan 15;24(2):241–50

Ultrastructure of Saccharomyces cerevisiae strain AG1-7 and its responses to changes in environment. Willison JH, et al. **Can J Microbiol** 1985 Feb;31(2):109–18

Synaptonemal complexes of normal and mutant yeast chromosomes (Saccharomyces cerevisiae). Moens PB, et al. **Chromosoma** 1985;91(2):113–20

Cyclic AMP receptor protein from yeast mitochondria: submitochondrial localization and preliminary characterization. Rödel G, et al. **J Bacteriol** 1985 Jan; 161(1):7–12

Saccharomyces cerevisiae mannoproteins form an external cell wall layer that determines wall porosity. Zlotnik H, et al. **J Bacteriol** 1984 Sep;159(3):1018–26

Electron microscopic study of purified polysaccharide components glucans and mannan of the cell walls in the yeast Saccharomyces cerevisiae. Kopecká M. **J Basic Microbiol** 1985;25(3):161–74

SACCHAROMYCOPSIS see under **ASCOMYCETES**

SACCHAROPINE see under **LYSINE**

SACCHAROPINE DEHYDROGENASES see under **AMINE OXIDOREDUCTASES**

SACCULE AND UTRICLE

ABNORMALITIES

Zinc metabolism in lethal-milk mice. Otolith, lactation, and aging effects. Erway LC, et al. **J Hered** 1984 Nov–Dec; 75(6):480–4

ANALYSIS

A re-examination of otoconia from the Shaker mouse. Rouse RC, et al. **Arch Otorhinolaryngol** 1985;242(1):83–7

Comparative crystallography of vertebrate otoconia. Rosauer EA, et al. **J Laryngol Otol** 1985 Jan;99(1):21–8

ENZYMOLOGY

Is the Na+,K+-ATPase symmetrically distributed in the neuroepithelium of the vestibular system in the axolotl (Ambyostoma mexicanum)? Soto E, et al. **Hear Res** 1984 Nov;16(2):201–3

GROWTH & DEVELOPMENT

Otoconial mineralization in post-natal development. Ciges M, et al. **Acta Otolaryngol (Stockh)** 1985 Mar–Apr; 99(3–4):399–404

Growth of a fish ear: 1. Quantitative analysis of hair cell and ganglion cell proliferation. Popper AN, et al. **Hear Res** 1984 Aug;15(2):133–42

INNERVATION

The effect of lateral head tilt on horizontal postrotatory nystagmus I and II and the Purkinje effect. Schrader V, et al. **Acta Otolaryngol (Stockh)** 1985 Jul–Aug; 100(1–2):98–105

Anatomic evidence for peripheral neural processing in mammalian graviceptors. Ross MD. **Aviat Space Environ Med** 1985 Apr;56(4):338–43

Mechanisms of sensory adaptation in the isolated utricle. Macadar O, et al. **Exp Neurol** 1984 Oct;86(1):147–59

The vertebrate ear as an exquisite seismic sensor. Narins PM, et al. **J Acoust Soc Am** 1984 Nov;76(5):1384–7

Central projections of vestibular afferents innervating the macula of the saccule in gerbil. Kevetter GA, et al. **Neurosci Lett** 1984 Sep 28;51(1):7–12

The distinctive central utricular projections in the herring. Meredith GE. **Neurosci Lett** 1985 Apr 9;55(2):191–6

Free-floating cells in the endolymphatic sac after surgical utricular nerve section. Yamane H, et al. **ORL J Otorhinolaryngol Relat Spec** 1984;46(6):289–93

Central projections of first order vestibular neurons innervating the sacculus and posterior canal in the gerbil. Kevetter GA, et al. **Prog Clin Biol Res** 1985;176:279–91

METABOLISM

Transepithelial cation movements in gerbil utricles. Marcus NY, et al. **Am J Otolaryngol** 1985 Jul–Aug;6(4):268–74

Quantitative localization of Na-K pump sites in the frog sacculus. Burnham JA, et al. **J Neurocytol** 1984 Aug; 13(4):617–38

PHYSIOLOGY

An experimental study on the physiological significance of the mode of cupular movement. Suzuki M, et al. **Arch Otorhinolaryngol** 1985;242(1):57–62

Governing equations of motion for the otolith organs and their response to a step change in velocity of the skull. Grant JW, et al. **J Biomech Eng** 1984 Nov;106(4):302–8

The behavior and vestibular nuclear morphology of otoconia-deficient pallid mutant mice. Trune DR, et al. **J Neurogenet** 1983 Sep;1(1):53–69

Orientation-induced artifacts in the measurement of monosynaptic reflexes. Myklebust BM, et al. **Neurosci Lett** 1984 Jul 27;48(2):223–30

[Receptor current in ciliate cells of the frog sacculus] Zucca G, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30;61(3):411–7 (Eng. Abstr.) **(Ita)**

[Phasic components of isolated frog utricle and the effect of ototoxic drugs] Shirane M. **Nippon Jibiinkoka Gakkai Kaiho** 1985 May;88(5):651–8 (Eng. Abstr.) **(Jpn)**

[Parity principle and kinematic asymmetries in the otolith system] Popov VK, et al. **Kosm Biol Aviakosm Med** 1985 May–Jun;19(3):53–5 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Otolith tilt-translation reinterpretation following prolonged weightlessness: implications for preflight training. Parker DE, et al. **Aviat Space Environ Med** 1985 Jun;56(6):601–6

RADIATION EFFECTS

Influence of gamma irradiation on developing otoconia. Hultcrantz M, et al. **Am J Otolaryngol** 1985 Mar–Apr; 6(2):79–91

ULTRASTRUCTURE

Three-dimensional structures of the vestibular sensory epithelia. Harada Y, et al. **Acta Otolaryngol (Stockh)** 1985 Mar–Apr;99(3–4):411–8

Development of the utricular macula in the mouse. Takumida M, et al. **Arch Otorhinolaryngol** 1984;241(1):9–15

[Structural organization and orientation of hair cells of the macula of the saccule of the membranous labyrinth of Rana temporaria] Tikhomirova LI. **Arkh Anat Gistol Embriol** 1984 Nov;87(11):37–42 (Eng. Abstr.) **(Rus)**

[Surface structure of the otolithic organs of the tadpole of the clawed toad Xenopus laevis] Lychakov DV. **Zh Evol Biokhim Fiziol** 1984 Jul–Aug;20(4):391–7 (Eng. Abstr.) **(Rus)**

SACRAL PLEXUS see **LUMBOSACRAL PLEXUS**

SACRAL REGION see **SACROCOCCYGEAL REGION**

SACROCOCCYGEAL REGION

Histochemistry of sacrococcygeal chordoma. Uhrenholt L, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1985 Jul; 93(4):203–4

Sacrococcygeal teratomas in infants and children. Whalen TV Jr, et al. **Am J Surg** 1985 Sep;150(3):373–5

Congenital anorectal malformations. Harbingers of sacrococcygeal teratomas. Moazam F, et al. **Arch Surg** 1985 Jul;120(7):856–9

Sacrococcygeal teratoma. Leung AK, et al. **Aust Paediatr J** 1985 May;21(2):123–5

Paraplegia in children with malignant teratoma. Weinblatt ME, et al. **Cancer** 1985 Oct 15;56(8):2140–2

Sacrococcygeal fetus–in–fetu. Narasimharao KL, et al. **Indian Pediatr** 1984 Oct;21(10):820–2

Presacral dermoid. Gupta P, et al. **J Indian Med Assoc** 1985 Jan;83(1):15–6

Immature teratomas of childhood. Report of 21 cases. Harms D, et al. **Pathol Res Pract** 1985 Jan;179(3):388–400

[Sacrococcygeal teratoma in Chinese children––analysis of 42 cases] Hou SH, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jul;83(7):714–7 (Eng. Abstr.) **(Chi)**

SURGERY

[Radical treatment of patients with acute inflammation of epithelial coccygeal cysts] Kibal'chich AV, et al. **Klin Khir** 1985 Jan;(1):12–4 (Eng. Abstr.) **(Rus)**

SACROILIAC JOINT

Cryptococcal sacroiliitis. Brand C, et al. **Ann Rheum Dis** 1985 Feb;44(2):126–7

Spondylitic disease without radiologic evidence of sacroiliitis in relatives of HLA–B27 positive ankylosing spondylitis patients. Khan MA, et al. **Arthritis Rheum** 1985 Jan; 28(1):40–3

Computerized tomography of the sacro–iliac joints in the diagnosis of sacro–iliitis. Taggart AJ, et al. **Br J Rheumatol** 1984 Nov;23(4):258–66

Sacroiliitis and acne conglobata. Houben HH, et al. **Clin Rheumatol** 1985 Mar;4(1):86–9

Pyogenic infection of the sacro–iliac joint. A report of 11 cases. Shanahan MD, et al. **J Bone Joint Surg [Br]** 1985 Aug;67(4):605–8

Sacroiliac syndrome associated with lumbosacral anomalies: a case report. Bressler HB, et al. **J Manipulative Physiol Ther** 1984 Sep;7(3):171–3

Sacroiliitis with Salmonella typhimurium––one case [letter] Bürki F, et al. **J Rheumatol** 1984 Aug;11(4):558–9

Investigation of sacroiliac disease: comparative evaluation of radiological and radionuclide techniques. Russell AS, et al. **J Rheumatol** 1984 Oct;11(5):578–9

Osteitis condensans ilii or sacro–iliitis? Withrington RH, et al. **Scand J Rheumatol** 1985;14(2):163–6

[Lower backache with fever] Felt–Bersma RJ, et al. **Ned Tijdschr Geneeskd** 1985 Mar 2;129(9):385–7 **(Dut)**

[Sacroiliac osteochondritis] Robert M, et al. **Chir Pediatr** 1984;25(6):338–40 (Eng. Abstr.) **(Fre)**

[Sacroiliitis caused by common germs. Apropos of 2 cases] Steimle R, et al. **Chirurgie** 1984;110(6–7):635–42 (Eng. Abstr.) **(Fre)**

[Unilateral sacroilitis in Behcet disease] Hans P, et al. **Rev Rhum Mal Osteoartic** 1984 Nov;51(10):585 **(Fre)**

[Pyogenic sacroiliitis. Case report and review of a rare complication in the puerperium] Biedermann K, et al. **Gynakol Rundsch** 1984;24(3):145–52 **(Ger)**

[67Ga imaging of gluteal muscle inflammation secondary to pyogenic sacroiliitis (PSI)] Ueno K, et al. **Rinsho Hoshasen** 1985 Feb;30(2):319–22 (Eng. Abstr.) **(Jpn)**

[Ilio–lumbar syndrome] Nowak C. **Wiad Lek** 1984 Apr 1; 37(7):540–3 **(Pol)**

[Bechterew's disease and other types of seronegative spondyloarthritis (spondyloarthropathies)––common and distinguishing features] Agababova ER, et al. **Revmatologiia (Moskva)** 1984 Jul–Sep;(3):40–5 (82 ref.) **(Rus)**

INJURIES

Unusual exercise–related stress fractures. Two case reports. Fink–Bennett DM, et al. **Clin Nucl Med** 1984 Aug; 9(8):430–4

Multiple stress fractures. A longitudinal study of a soldier with 13 lesions. Milgrom C, et al. **Clin Orthop** 1985 Jan–Feb;(192):174–9

Ventrolateral approach for repair of sacroiliac fracture–dislocation in the dog and cat. Montavon PM, et al. **J Am Vet Med Assoc** 1985 Jun 1;186(11):1198–201

CT appearance of sacroiliac joint trauma in children. Donoghue V, et al. **J Comput Assist Tomogr** 1985 Mar–Apr; 9(2):352–6

MICROBIOLOGY

[14–year–old patient with septic fever, rapid decline and gait disorder] Höfling B, et al. **Internist (Berlin)** 1984 Sep; 25(9):571–3 **(Ger)**

PATHOLOGY

Sacroiliac lesions as a cause of chronic poor performance in competitive horses. Jeffcott LB, et al. **Equine Vet J** 1985 Mar;17(2):111–8

[Multiple hyperostosis with unilateral sacroiliitis. A new spondyloarthropathy] Beraneck L, et al. **Presse Med** 1984 Sep 29;13(33):2001–4 (Eng. Abstr.) **(Fre)**

PHYSIOLOGY

Function and pathomechanics of the sacroiliac joint. A review. DonTigny RL. **Phys Ther** 1985 Jan;65(1):35–44

PHYSIOPATHOLOGY

Further debate on sacroiliac dysfunction [letter] Porterfield JA, et al. **Phys Ther** 1985 Jul;65(7):1096–8

RADIOGRAPHY

Radiography of the spine and sacro–iliac joints in ankylosing spondylitis and psoriasis. Dale K, et al. **Acta Radiol [Diagn] (Stockh)** 1985 Mar–Apr;26(2):145–59

Radiology of disorders of the sacroiliac joints. Resnik CS, et al. **JAMA** 1985 May 17;253(19):2863–6

[Radiologic diagnosis of unilateral sacroiliitis] Hamdouch N, et al. **Maroc Med** 1984 Dec;6(4):277–82 (Eng. Abstr.) **(Fre)**

[A little–known image: the phenomenon of the empty sacroiliac] Wendling D, et al. **Rev Rhum Mal Osteoartic** 1985 Feb;52(2):109–13 **(Fre)**

RADIONUCLIDE IMAGING

Influence of age on sacroiliac joint uptake ratios [letter] Agnew JE. **Eur J Nucl Med** 1984;9(10):484

SURGERY

Anterior sacro–iliac arthrodesis for post–traumatic sacro–iliac arthritis. A case report. Rand JA. **J Bone Joint Surg [Am]** 1985 Jan;67(1):157–9

SACRUM

Missed tumors of the sacrum. Gross SW. **Bull Clin Neurosci** 1983;48:106–14

Surgically confirmed myelographic classification of congenital intraspinal lipoma in the lumbosacral region. Sato K, et al. **Childs Nerv Syst** 1985;1(1):3–11

Musculoskeletal tumor surgery in Göteborg. Stener B. **Clin Orthop** 1984 Dec;(191):8–20

Sacrococcygeal chordoma metastatic to penis. Saltzman B, et al. **Urology** 1985 May;25(5):541–3

Benign chordoma (sacrococcygeal) in the rat: a light and electron microscopic study. Reuber MD, et al. **Vet Pathol** 1984 Sep;21(5):536–8

[Radiotherapy of giant cell tumors of the sacrum] Chen ZX. **Chung Hua Chung Liu Tsa Chih** 1984 Sep;6(5):382–5 (Eng. Abstr.) **(Chi)**

[The sacrococcygeal teratoma: a wondrous tumor or a monster tumor] van der Staak F, et al. **Ned Tijdschr Geneeskd** 1984 Sep 15;128(37):1745–8 **(Dut)**

[Osseous tuberculosis of the sacrum] Dayras JC, et al. **Ann Pediatr (Paris)** 1985 Mar 25;32(3 Pt 2):289–93 (Eng. Abstr.) **(Fre)**

[Treatment of sacral sores by gluteal myocutaneous VY flaps] Calteux N, et al. **Bull Soc Sci Med Grand Duche Luxemb** 1984;121(1):5–12 **(Fre)**

[Sacrococcygeal chordoma. Apropos of 1 case––review of the literature] Zakraoui L, et al. **Tunis Med** 1985 Jan; 63:35–9 (Eng. Abstr.) **(Fre)**

[Sacrococcygeal chordoma] Köves I. **Beitr Orthop Traumatol** 1984 Oct;31(10):532–6 (Eng. Abstr.) **(Ger)**

[Chordoma of the sacrum. Case report] Russe W, et al. **Helv Chir Acta** 1984 Nov;51(5):581–8 (Eng. Abstr.) **(Ger)**

[Unusual course of osseous metastasis of hypernephroid carcinoma] Lange H, et al. **Zentralbl Chir** 1985; 110(10):628–30 **(Ger)**

[Circumstances of development of pain syndrome in patients with spondylolisthesis and spondylolysis] Gusta A, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(5):439–42 (Eng. Abstr.) **(Pol)**

[Evaluation of the results of treatment of endodermal sinus tumor in children] Woźniak W. **Probl Med Wieku Rozwoj** 1984;13:134–8 (Eng. Abstr.) **(Pol)**

[Combined treatment of malignant osteoblastoclastoma of the sacrum (a case report)] Lantsman IuV, et al. **Vopr Onkol** 1984;30(12):63–6 **(Rus)**

[Asymmetries in the serum ceruloplasmin concentration of patients with spondylogenic lumbosacral radiculitis] Neimark EZ, et al. **Zh Nevropatol Psikhiatr** 1985; 85(4):513–6 (Eng. Abstr.) **(Rus)**

[Electroneuromyographic evaluation of the efficacy of vibrotraction treatment of patients with vertebrogenic lumbosacral radiculitis] Vel'khover ES, et al. **Zh Nevropatol Psikhiatr** 1985;85(3):354–9 (Eng. Abstr.) **(Rus)**

ABNORMALITIES

Minor defects of the sacrum and neurogenic bladder dysfunction. Galloway NT, et al. **Br J Urol** 1985 Apr; 57(2):154–5

Sacral agenesis. Wadia RS, et al. **J Assoc Physicians India** 1984 Jun;32(6):530–3

Case report: CT findings in lumbosacral agenesis. Tihansky DP, et al. **J Comput Tomogr** 1984 Oct;8(4):325–9

Imperforate anus: the neurologic implication of sacral abnormalities. Carson JA, et al. **J Pediatr Surg** 1984 Dec; 19(6):838–42

The syndrome of caudal dysplasia: a review, including etiologic considerations and evidence of heterogeneity. Welch JP, et al. **Pediatr Pathol** 1984;2(3):313–27 (67 ref.)

[Lumbosacral dysplasias] Schumacher M, et al. **Radiologe** 1984 Sep;24(9):434–41 (Eng. Abstr.) **(Ger)**

[The Currarino triad. An autosomal–dominant inherited complex of anorectal malformation, sacrococcygeal defect and presacral tumor. Observation of 9 further cases] Holthusen W, et al. **ROFO** 1985 Jul;143(1):83–9 (Eng. Abstr.) **(Ger)**

ANATOMY & HISTOLOGY

Normal fetal sacrum simulating spina bifida: 'pseudodysraphism'. Dennis MA, et al. **Radiology** 1985 Jun; 155(3):751–4

INJURIES

Pubic and sacral insufficiency fractures: clinical course and radiologic findings. De Smet AA, et al. **AJR** 1985 Sep; 145(3):601–6

Unsuspected sacral fractures: detection by radionuclide bone scanning. Schneider R, et al. **AJR** 1985 Feb;144(2):337–41

Displaced transverse sacral fractures. A case report, review of the literature, and the CT scan as an aid in management. Carl A, et al. **Clin Orthop** 1985 Apr;(194):195–8

Anteriorly displaced transverse fracture of the sacrum with fracture–dislocation at the L4–L5 lumbar level. Sapkas G, et al. **Injury** 1985 Mar;16(5):354–7

Ventrolateral approach for repair of sacroiliac fracture–dislocation in the dog and cat. Montavon PM, et al. **J Am Vet Med Assoc** 1985 Jun 1;186(11):1198–201

Bilateral fracture–dislocation of the sacrum. A case report. Marcus RE, et al. **J Bone Joint Surg [Am]** 1984 Oct; 66(8):1297–9

Sacral fracture with pseudomeningocele and cerebrospinal fluid fistula: case report and review of the literature. Hadley MN, et al. **Neurosurgery** 1985 Jun;16(6):843–6

Sacral fractures. Schmidek HH, et al. **Neurosurgery** 1984 Nov;15(5):735–46 (55 ref.)

Insufficiency fractures of the sacrum. Cooper KL, et al. **Radiology** 1985 Jul;156(1):15–20

[Fractures of the sacrum with neurologic complications. A case] Lesoin F, et al. **J Chir (Paris)** 1984 Nov;121(11):647–8 (Eng. Abstr.) **(Fre)**

[Bilateral luxation of L5–S1. Apropos of a case reduced and fixed at the 120th day] Guillamon JL, et al. **Rev Chir Orthop** 1985;71(4):269–74 (Eng. Abstr.) **(Fre)**

[A case of complex fracture of the lumbosacral spine] De Giorgi G, et al. **Chir Organi Mov** 1982–83;68(4–6):757–61 (Eng. Abstr.) **(Ita)**

[Injuries of the sacrum and coccyx in children] Bairov GA, et al. **Ortop Travmatol Protez** 1985 Jun;(6):10–2 (Eng. Abstr.) **(Rus)**

[Traumatic spondylolisthesis of the 1st sacral vertebra in a child] Glazyrin DI, et al. **Vestn Khir** 1984 Oct; 133(10):105–6 **(Rus)**

PATHOLOGY

Magnetic resonance imaging of sacrococcygeal tumors. Pettersson H, et al. **Acta Radiol [Diagn] (Stockh)** 1985 Mar–Apr;26(2):161–5

An interesting case presenting with malaise and sacral lesions. Warren A, et al. **Ann Allergy** 1985 May;54(5):416–9

Sacral chondromyxoid fibroma. Shulman L, et al. **Pediatr Radiol** 1985;15(2):138–40

Lumbosacral transitional vertebrae and their relationship with lumbar extradural defects. Castellvi AE, et al. **Spine** 1984 Jul–Aug;9(5):493–5

RADIOGRAPHY

Sacral destruction: foraminal lines revisited. Amorosa JK, et al. **AJR** 1985 Oct;145(4):773–5

Vertical foramina in the lumbosacral region: CT appearance. Beers GJ, et al. **AJR** 1984 Nov;143(5):1027–9

Orientation of the articular processes at L4, L5, and S1. Possible role in pathology of the intervertebral disc. Kénési C, et al. **Anat Clin** 1985;7(1):43–7

Myelography in severe lumbosacral spondylolisthesis. Buirski G, et al. **Br J Radiol** 1984 Dec;57(684):1067–72

Review of spondylolisthesis and spondylolysis in paediatric practice. Oakley RH, et al. **Br J Radiol** 1984 Oct; 57(682):877–85

Contribution of computed tomography in six sacrococcygeal chordomas. Vanel D, et al. **Eur J Radiol** 1985 May; 5(2):87–90

Growing bone islands revisited. A case report. Simon K, et al. **J Bone Joint Surg [Am]** 1985 Jun;67(5):809–11

Computed tomography of spontaneous osteoporotic sacral fractures. Gacetta DJ, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1190–1

Sacral meningeal cysts. A radio–clinical study based on 8 personal cases. Tournade A, et al. **J Neuroradiol** 1984; 11(2):83–103 **(Eng, Fre)**

Intrasacral meningeal cyst demonstrated by sacral epidurography. Roosen N, et al. **Neuroradiology** 1985; 27(2):123–4

Case report 313. Diagnosis: intrasacral cyst ('occult intrasacral meningocele'). Mink JH. **Skeletal Radiol** 1985; 13(4):314–7

[Diagnosis of the level of nucleus pulposus prolapse in lumbosacral transition vertebrae] Schuckmann W, et al. **Beitr Orthop Traumatol** 1984 Nov;31(11):549–54 (Eng. Abstr.) **(Ger)**

[Intrasacral meningoceles] Vogelsang H. **Rontgenblatter** 1985 Mar;38(3):67–71 (Eng. Abstr.) **(Ger)**

[Radiomorphology of lumbo-sacral syntopy in spondylolisthesis] Smereczyński A, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(4):351–6 (Eng. Abstr.) **(Pol)**

RADIONUCLIDE IMAGING

Aggressive nature of a 'cold' lesion depicted by positive flow and blood pool phases of a bone scan. Santa-Cruz FR, et al. **Clin Nucl Med** 1984 Nov;9(11):660

SURGERY

Urologic complications after surgery on lumbosacral spine. Brooks ME, et al. **Urology** 1985 Aug;26(2):202–4

[Success factors in posterolateral arthrodesis of the lumbosacral spine] Bitan F, et al. **Rev Chir Orthop** 1984; 70(6):465–71 (Eng. Abstr.) **(Fre)**

[Screwing into the pedicles of the lower lumbar spine (L3-L4-L5) and the lumbosacral joint] Fuentes JM, et al. **Rev Chir Orthop** 1984;70(6):479–82 (Eng. Abstr.) **(Fre)**

[Results of surgical treatment of spondylolisthesis] Kiepurska A, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(4):377–82 (Eng. Abstr.) **(Pol)**

[Principles of surgical treatment of spondylolisthesis] Malawski S, et al. **Chir Narzadow Ruchu Ortop Pol** 1984; 49(4):371–6 (Eng. Abstr.) **(Pol)**

SADISM

[Sadistic behavior in sex offenders] Ponikiewska W, et al. **Psychiatr Pol** 1984 May–Jun;18(3):289–93 **(Pol)**

SAFETY see under **ACCIDENT PREVENTION**

SAFETY, CONSUMER PRODUCT see **CONSUMER PRODUCT SAFETY**

SAFETY DEVICES see **PROTECTIVE DEVICES**

SAFETY, EQUIPMENT see **EQUIPMENT SAFETY**

SAFFLOWER OIL see under **OILS**

SAFROLE see under **DIOXOLES**

SAGUINUS see under **CALLITHRICIDAE**

SAIMIRI see under **CEBIDAE**

SALAMANDERS see **URODELA**

SALAMANDRA

ANATOMY & HISTOLOGY

Meiosis and spermiogenesis in the testis of Salamandra salamandra (L.) (Amphibia, Urodela). Schindelmeiser J, et al. **Anat Anz** 1985;158(2):169–80

[Light and electron microscopy analysis of the differentiation of oropharyngeal epithelium in Salamandra salamandra (L.) during metamorphosis (Urodela:Salamandridae)] Clemen G. **Anat Anz** 1985;158(3):241–61 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

Specific and non-specific immunosuppressive factors in salamander pregnancy serum. Badet MT. **J Reprod Immunol** 1984 Aug;6(5):299–311

METABOLISM

Seasonal variations of androgens, estrogens, and progesterone in the different lobules of the testis and in the plasma of Salamandra salamandra. Lecouteux A, et al. **Gen Comp Endocrinol** 1985 May;58(2):211–21

PHYSIOLOGY

The distribution of monosaccharides and hexosamines in the oviduct of Salamandra salamandra (L.) (Amphibia, Urodela). Greven H, et al. **Comp Biochem Physiol [B]** 1984; 79(2):229–32

SALAMANDRIDAE

Effects of temperature on papilloma growth in the newt, Cynops pyrrhogaster. Asashima M, et al. **Cancer Res** 1985 Mar;45(3):1198–205

ANATOMY & HISTOLOGY

Ultrastructural changes in development and aging of the interrenal cell of the salamander, Hynobius nebulosus. Setoguti T, et al. **Arch Histol Jpn** 1985 Apr;48(2):199–211

The adrenal gland of Euproctus (Urodela, Salamandridae): comparison of three species and phylogenetic inferences. Accordi F, et al. **J Anat** 1984 Sep;139 (Pt 2):209–14

Spermatogenetic cycle in Salamandrina terdigitata (Lacépède, 1788) (Amphibia: Salamandridae). Brizzi R, et al. **Z Mikrosk Anat Forsch** 1985;99(2):271–92

BLOOD

Bisalbuminemia in an amphibian. Francis RT Jr, et al. **Comp Biochem Physiol [B]** 1985;81(1):199–206

Comparative plasma levels of androgens and 17 beta-estradiol in the diploid and triploid newt, Pleurodeles waltl. Cayrol C, et al. **Gen Comp Endocrinol** 1985 Jun; 58(3):342–6

Androgen and estrogen levels in the plasma of Pleurodeles waltl, Michah., during the annual cycle. I. Male cycle. Garnier DH. **Gen Comp Endocrinol** 1985 Jun;58(3):376–85

CYTOLOGY

Globin gene expression in erythroid cell lines during larval development of Pleurodeles waltlii. Flavin M, et al. **Cell Differ** 1985 May;16(3):203–9

EMBRYOLOGY

Fibronectin synthesis during oogenesis and early development of the amphibian Pleurodeles waltlii. Darribère T, et al. **Cell Differ** 1984 Aug;14(3):171–7

Morphogenesis of the head of a newt: mesodermal segments, neuromeres, and distribution of neural crest. Jacobson AG, et al. **Dev Biol** 1984 Nov;106(1):181–93

A demonstration of cellular interactions during the formation of mesoderm and primordial germ cells in Pleurodeles waltlii. Maufroid JP, et al. **Differentiation** 1985;29(1):20–4

GENETICS

Genetic structure of natural populations of the red-spotted newt, Notophthalmus viridescens. Merritt RB, et al. **Biochem Genet** 1984 Aug;22([illegible]-8):669–86

Monoclonal antibodies to lampbrush chromosome antigens of Pleurodeles waltlii. Lacroix JC, et al. **Chromosoma** 1985; 92(1):69–80

Cloning of the newt Pleurodeles waltlii chromosomal DNA. Muller JP, et al. **Gene** 1985;35(1–2):209–15

[Nucleotide composition of constitutive heterochromatin of Pleurodeles waltlii] Bailly S. **Can J Genet Cytol** 1984 Dec; 26(6):710–6 (Eng. Abstr.) **(Fre)**

GROWTH & DEVELOPMENT

Myosin switches in skeletal muscle development of an urodelan amphibian, Pleurodeles waltlii. Comparison with a mammalian, Mus musculus. d'Albis A, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):94–100

METABOLISM

Maternal effect and embryonic gene expression for lactate dehydrogenase B (LDH-B), glucose-6-phosphate dehydrogenase (G6PDH), and peptidase (PEP-1) during the development of Pleurodeles waltl (urodele amphibian). Gasser F, et al. **Biochem Genet** 1984 Dec;22(11–12):1177–84

Conservation of iron and hemoglobin during induced hemolytic stress in the amphibian Taricha granulosa. Francis RT Jr, et al. **Comp Biochem Physiol [A]** 1984; 79(1):109–13

Seasonal changes in luteinizing hormone-releasing hormone concentrations in microdissected brain regions of male rough-skinned newts (Taricha granulosa). Zoeller RT, et al. **Gen Comp Endocrinol** 1985 May;58(2):222–30

PHYSIOLOGY

Bone healing after amputation of mouse digits and newt limbs: implications for induced regeneration in mammals. Neufeld DA. **Anat Rec** 1985 Feb;211(2):156–65

Influence of catecholamines on epidermal cell migration during wound closure in adult newts. Donaldson DJ, et al. **Comp Biochem Physiol [C]** 1984;78(2):267–70

The regeneration of newt limbs deformed in nature. Tsonis PA, et al. **Experientia** 1985 Jul 15;41(7):918–9

Sensitivity and specificity of salamandrid integumental transepithelial potential to prolactin. Brown PS, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):56–63

Osmoregulatory changes during the aquatic-to-terrestrial transition in the rough-skinned newt, Taricha granulosa: the roles of temperature and ACTH. Brown PS, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):130–9

Thyroid function in adult rough-skinned newts (Taricha granulosa): effects of hypophysectomy and hormone replacement. Specker JL, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):326–31

A nerve-conditioning lesion accelerates limb regeneration in the newt. Maier CE, et al. **J Exp Zool** 1984 Nov; 232(2):181–6

Corticotropin-releasing factor (CRF) stimulates locomotor activity in intact and hypophysectomized newts (Amphibia). Moore FL, et al. **J Exp Zool** 1984 Sep; 231(3):331–3

Retinoic-acid-induced pattern completion in regenerating double anterior limbs of urodeles. Stocum DL, et al. **J Exp Zool** 1984 Nov;232(2):207–15

Temporal analysis of the role of growth hormone in the initiation and maintenance of limb regeneration in the hypophysectomized newt Notophthalmus viridescens. Landesman R, et al. **J Morphol** 1985 Mar;183(3):301–10

Directed regrowth of axons from a misrouted nerve to their correct muscles in the limb of the adult newt. Holder N, et al. **Proc R Soc Lond [Biol]** 1984 Oct 22;222(1229):477–89

Effects of botulinum toxin on synapse formation and acetylcholine sensitivity in skeletal muscle in the newt. Sayers H, et al. **Q J Exp Physiol** 1985 Jan;70(1):63–73

SALARIES AND FRINGE BENEFITS

Changes in staff satisfactions after increases in pay, autonomy, and participation. Sarata BP. **Am J Community Psychol** 1984 Aug;12(4):431–44

Public opinion about doctors' pay. Ross CE, et al. **Am J Public Health** 1985 Jun;75(6):668–70

Hospitals' employee benefits plans merit scrutiny for savings potential. **Hospitals** 1985 Aug 1;59(15):30–1

A survey of hospital salaries. Collins LI. **Hospitals** 1984 Nov 1;58(21):80, 84–8, 91–6

Successful hospitals pay for performance. Schuster JR. **Hospitals** 1985 Mar 16;59(6):86–8

Inflation and medical school faculty salaries. Smith WC Jr. **J Med Educ** 1985 Jan;60(1):72–4

Overworked and underpaid: on the nature of gender differences in personal entitlement. Major B, et al. **J Pers Soc Psychol** 1984 Dec;47(6):1399–412

Comparable worth. Silver G. **Lancet** 1984 Oct 20;2(8408):917

Economic beliefs and nurses' wages: sorting fact from fantasy. Greenleaf NP, et al. **Nurs Forum** 1984;21(2):53–62

Economic realities change practice expansion. Kropiewnicki ME, et al. **Penn Med** 1984 Nov;87(11):36, 38, 40 passim

[Positive correlation between the prevalence of diabetes and higher averages wages in districts in Bohemia] Hauser F, et al. **Cesk Zdrav** 1985 Feb;33(2):55–60 (Eng. Abstr.) **(Cze)**

[Verifying new economic mechanisms in Bulgaria] Smolek A. **Cesk Zdrav** 1984 Sep;32(8–9):370–4 (Eng. Abstr.) **(Cze)**

[Regulation of wages in health care] Syrovátko J. **Cesk Zdrav** 1984 Sep;32(8–9):375–83 (Eng. Abstr.) **(Cze)**

LEGISLATION & JURISPRUDENCE

The uphill battle for comparable worth. Styles MM. **Nurs Outlook** 1985 May–Jun;33(3):128–32

TRENDS

The increasing proportion of men with low earnings in the United States. Dooley M, et al. **Demography** 1985 Feb; 22(1):25–34

SALBUTAMOL see **ALBUTEROL**

SALICYLAMIDES

ADVERSE EFFECTS

Drug-induced toxic epidermal necrolysis (Lyell's syndrome) in a 4-year-old girl. Luderschmidt C, et al. **Eur J Pediatr** 1985 May;144(1):91–3

CHEMICAL SYNTHESIS

Potentiation of fasciolicidal agents by benzoyl side chains. Synthesis of benzoylsalicylanilides. Brown GR, et al. **J Med Chem** 1985 Jan;28(1):143–6

METABOLISM

Difference in hepatic uptake kinetics of aspirin and salicylamide in rats. Iwamoto K, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):3089–95

An effect of sulfur nutrition on the metabolism of salicylamide. Kurzynske JS, et al. **Drug Nutr Interact** 1982; 1(2):169–75

Some in vitro receptor binding properties of [3H]eticlopride, a novel substituted benzamide, selective for dopamine-D2 receptors in the rat brain. Hall H, et al. **Eur J Pharmacol** 1985 May 8;111(2):191–9

Comparison of the first-pass metabolism of ethenzamide and salicylamide in rats. Shibasaki J, et al. **J Pharmacobiodyn** 1984 Nov;7(11):804–10

Intestinal absorption of salicylamide and effect of atropine on it. Shibasaki S, et al. **J Pharmacobiodyn** 1985 Apr; 8(4):296–304

Dose-dependent sulfoconjugation of salicylamide in dogs: effect of sulfate depletion or administration. Waschek JA, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):431–4

PHARMACODYNAMICS

Antimycin A- and hydroxamate-insensitive respiration in yeasts. Lodi T, et al. **Antonie Van Leeuwenhoek** 1985; 51(1):57–64

Photophobic and phototactic responses of Amoeba proteus in KCN and SHAM solutions. Lazowski K, et al. **Cell Biol Int Rep** 1985 Apr;9(4):373–8

Potential neuroleptic agents. 3. Chemistry and antidopaminergic properties of substituted 6-methoxysalicylamides. de Paulis T, et al. **J Med Chem** 1985 Sep;28(9):1263–9

Pharmacodynamics of the hypnotic effect of salicylamide in rats. Morris ME, et al. **J Pharm Sci** 1985 Jun;74(6):599–602

How anthelmintics help us to understand helminths. Vanden

Bossche H. **Parasitology** 1985 Apr;90 (Pt 4):675–85

THERAPEUTIC USE

Activity of closantel in the prevention of Gasterophilus and Strongylus vulgaris larval infections in equine foals and yearlings. Guerrero J, et al. **Am J Vet Res** 1985 Jan; 46(1):16–8

The efficacy of closantel against Fascioloides magna in sheep. Stromberg BE, et al. **J Parasitol** 1984 Jun;70(3):446–7

Salicylanilides in the treatment of helminth diseases. Agrawal VK, et al. **Pharmazie** 1984 Jun;39(6):373–8 (140 ref.)

Decrease in hepatic microsomal UDP-glucuronosyl-transferase activity in rats and cattle with fascioliasis: impaired in vitro glucuronidation of oxyclozanide. Maffei Facino R, et al. **Toxicol Lett** 1985 Jul;26(1):65–71

[Rafanoxide therapy in a child with fascioliasis] Yurdakök M. **Mikrobiyol Bul** 1985 Jan;19(1):38–40 (Eng. Abstr.) (Tur)

TOXICITY

Effect of salicylamide on skeletal glycosaminoglycan sulfation and calcification in fetal rat limbs. Halstead PK, et al. **Drug Nutr Interact** 1981;1(1):75–86

SALICYLANILIDES see under **SALICYLAMIDES**

SALICYLATES

Endosprin, an antipyretic, antiinflammatory and analgesic preparation of lysine salicylate: reassessment of its chemical composition and effects in experimental animals in comparison with aspirin. Rothschild AM. **Braz J Med Biol Res** 1984;17(2):185–8

Mayer's hemalum-methyl salicylate: a stain-clearing technique for observations within whole ovules. Stelly DM, et al. **Stain Technol** 1984 May;59(3):155–61

ADVERSE EFFECTS

Salicylate-induced hepatitis in rheumatic fever. Hamdan JA, et al. **Am J Dis Child** 1985 May;139(5):453–5

Prostaglandin synthesis inhibition in persistent pulmonary hypertension of the newborn. Turner GR, et al. **Clin Perinatol** 1984 Oct;11(3):581–9

Leads from the MMWR. Update: Reye syndrome pilot study--United States, 1984. **JAMA** 1985 Mar 22–29; 253(12):1707

Salicylates, oligoantigenic diets, and behaviour [letter] Swain A, et al. **Lancet** 1985 Jul 6;2(8445):41–2

Update: Reye syndrome pilot study--United States, 1984. **MMWR** 1985 Mar 1;34(8):116

Public Health Service study on Reye's syndrome and medications. Report of the pilot phase. Hurwitz ES, et al. **N Engl J Med** 1985 Oct 3;313(14):849–57

Adult respiratory distress syndrome induced by salicylate toxicity. Niehoff JM, et al. **Postgrad Med** 1985 Jul; 78(1):117–9, 123

Interactions of salicylate, dietary zinc, and genetic strain in teratogenesis in rats. Hackman RM, et al. **Teratology** 1984 Oct;30(2):225–36

[Natural salicylates as a cause of bronchial asthma] Raz I, et al. **Harefuah** 1984 Jul;107(1–2):16–7 (Eng. Abstr.) (Heb)

ANALYSIS

Correction of data on salicylate and indomethacin concentrations in cartilage [letter] Palmoski MJ, et al. **Arthritis Rheum** 1985 Feb;28(2):237

Salicylates in foods. Swain AR, et al. **J Am Diet Assoc** 1985 Aug;85(8):950–60

BLOOD

Esterase-like activity of human serum albumin. IV. Reactions with substituted aspirins and 5-nitrosalicyl esters. Kurono Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3715–9

Interlaboratory evaluation of salicylate interference in colorimetric acetaminophen methods and its clinical significance. Jenny RW. **Clin Chem** 1985 Jul;31(7):1158–62

Liquid chromatographic determination of salicylate and methyl salicylate in blood and application to a postmortem case. Levine B, et al. **J Anal Toxicol** 1984 Sep–Oct; 8(5):239–41

Controlled trial of clinical utility of serum salicylate monitoring in rheumatoid arthritis. Tugwell P, et al. **J Rheumatol** 1984 Aug;11(4):457–61

Enzyme-based salicylate estimation [letter] Hammond PM, et al. **Lancet** 1985 Aug 31;2(8453):508

CHEMICAL SYNTHESIS

Design, synthesis, and testing of potential antisickling agents. 5. Disubstituted benzoic acids designed for the donor site and proline salicylates designed for the acceptor site. Abraham DJ, et al. **J Med Chem** 1984 Dec;27(12):1549–59

Synthesis and biological activity of salicylic acid esters. Osman AN, et al. **J Pharm Belg** 1984 Sep–Oct;39(5):280–4

[Synthesis and pharmacologic activity of new derivatives of salicylic acid] Daidone G, et al. **Farmaco [Sci]** 1985 Mar; 40(3):178–89 (Eng. Abstr.) (Ita)

DIAGNOSTIC USE

Gallium-68 1,1,1-tris (5-methoxysalicylaldiminomethyl) ethane: a potential tracer for evaluation of regional myocardial blood flow. Green MA, et al. **J Nucl Med** 1985 Feb;26(2):170–80

METABOLISM

A pharmacokinetic comparison of choline magnesium trisalicylate and soluble aspirin. Helliwell M, et al. **Br J Rheumatol** 1984 Nov;23(4):288–91

Clinical pharmacokinetics of the salicylates. Needs CJ, et al. **Clin Pharmacokinet** 1985 Mar–Apr;10(2):164–77 (145 ref.)

Absorption of labeled triethanolamine salicylate in human and canine knee joints. II. Rabinowitz JL, et al. **J Clin Pharmacol** 1984 Nov–Dec;24(11–12):532–9

PHARMACODYNAMICS

Proteoglycan depletion, rather than fibrillation, determines the effects of salicylate and indomethacin on osteoarthritic cartilage. Palmoski MJ, et al. **Arthritis Rheum** 1985 May; 28(5):548–53

Different sensitivity of basilar and saphenous arteries to thromboxane A2-induced contractions. Effect of imidazole 2-hydroxybenzoate (ITF 182). Pagella PG, et al. **Arzneimittelforsch** 1984;34(11):1514–6

Effects of triflusal in patients with prosthetic heart valves. Dominguez MJ, et al. **Clin Ther** 1985;7(3):357–60

In vitro bile acid adsorption by bismuth subsalicylate and montmorillonite. Kocoshis SA, et al. **Dig Dis Sci** 1984 Dec; 29(12):1148–52

Effect of receiving diets containing alfalfa and certain feed additives on performance of feeder pigs transported long distances. Brumm MC, et al. **J Anim Sci** 1985 Jul;61(1):9–17

Comparative evaluation of the effects of lidocaine (lignocaine) hydrochloride and salicylate on nervous and Purkinje fibres. Mitolo-Chieppa D, et al. **J Pharm Pharmacol** 1985 Jan;37(1):68–70

Indomethacin and salicylate decrease epinephrine-induced glycogenolysis. Miller JD, et al. **Metabolism** 1985 Feb; 34(2):148–53

POISONING

Salicylate-induced pulmonary edema: clinical characteristics in children. Fisher CJ Jr, et al. **Am J Emerg Med** 1985 Jan;3(1):33–7

Toxicology screening in the emergency department: ethanol, barbiturates, and salicylates. Krenzelok EP, et al. **Am J Emerg Med** 1984 Jul;2(4):331–2

Algorithm for modified alkaline diuresis in salicylate poisoning. Gordon IJ, et al. **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1039–40

ABC of poisoning. Analgesic poisoning: I--salicylates. Henry J, et al. **Br Med J [Clin Res]** 1984 Sep 29;289(6448):820–2

Salicylate-induced hyperventilation [letter] Ring T, et al. **Lancet** 1985 Jun 22;1(8443):1450

Candy flavoring as a source of salicylate poisoning. Howrie DL, et al. **Pediatrics** 1985 May;75(5):869–71

Differentiation of chronic salicylism from Reye syndrome. Quint PA, et al. **Pediatrics** 1984 Dec;74(6):1117–9

THERAPEUTIC USE

Salicylates in Kawasaki disease [letter] Jacobs JC. **J Pediatr** 1985 May;106(5):858–9

Plasma and synovial fluid gentisate in patients receiving salicylate therapy. Cleland LG, et al. **J Rheumatol** 1985 Feb;12(1):136–9

[Long-term clinico-biological study of a platelet anti-aggregant (triflusal) in patients with progressive arteriosclerosis] de la Torre AG, et al. **Angiologia** 1984 Nov–Dec;36(6):279–82 (Eng. Abstr.) (Spa)

TOXICITY

Salicylate-induced loose coupling: protonmotive force measurements. Haas R, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):900–2

Effects of prostaglandin E2 on salicylate-induced damage to the rat gastric mucosa: cytoprotection is not associated with preservation of the gastric mucosal barrier. Morris GP, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1065–9

SALICYLAZOSULFAPYRIDINE

ADMINISTRATION & DOSAGE

Correction: sulfasalazine dose [letter] Raufman JP. **Ann Intern Med** 1985 Jan;102(1):139

Sulphasalazine in the treatment of rheumatoid arthritis: relationship of dose and serum levels to efficacy. Pullar T, et al. **Br J Rheumatol** 1985 Aug;24(3):269–76

Gastric retention of enteric-coated sulfasalazine tablets. A complication of gastroduodenal Crohn's disease. Harary AM, et al. **Dig Dis Sci** 1984 Nov;29(11):1063–5

ADVERSE EFFECTS

Sulfasalazine pneumonitis. Averbuch M, et al. **Am J Gastroenterol** 1985 May;80(5):343–5

Sulfasalazine-induced agranulocytosis. Jacobson IM, et al. **Am J Gastroenterol** 1985 Feb;80(2):118–21

Thrombocytopenia and sulfasalazine [letter] Peña JM, et al. **Ann Intern Med** 1985 Feb;102(2):277–8

Fatal multisystemic toxicity associated with prophylaxis with pyrimethamine and sulfadoxine [letter] Curley RK, et al. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):471–2

Bone marrow necrosis after treatment with sulphasalazine. Van de Pette JE, et al. **Br Med J [Clin Res]** 1984 Sep 29;289(6448):798

Acute alveolitis and sulphasalazine in rheumatoid arthritis [letter] Geborek P, et al. **Clin Exp Rheumatol** 1984 Jul–Sep; 2(3):279–80

Sulfasalazine-induced pulmonary disease. Moseley RH, et al. **Dig Dis Sci** 1985 Sep;30(9):901–4

Side-effects of salazopyrin on male fertility. Steeno OP. **Eur J Obstet Gynecol Reprod Biol** 1984 Dec;18(5–6):361–4

Reversible male infertility due to sulphasalazine: studies in man and rat. O'Moráin C, et al. **Gut** 1984 Oct; 25(10):1078–84

Acute ulcerative colitis--a rare complication of sulfasalazine therapy. Ruppin H, et al. **Hepatogastroenterology** 1984 Aug; 31(4):192–3

Sulfasalazine and renal tubular function: lack of an effect. Koutras A, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb; 4(1):103–6

Desquamative interstitial pneumonitis complicating inflammatory bowel disease of childhood. Teague WG, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):663–7

Sulphasalazine in rheumatoid arthritis [letter] Bax DE, et al. **Lancet** 1985 Jun 22;1(8443):1450

Diagnosis of drug-related male infertility by zona-free hamster egg sperm penetration assay [letter] Margalioth EJ, et al. **Lancet** 1985 Aug 3;2(8449):275

Sensorimotor neuropathy with sulphasalazine. Price TR. **Postgrad Med J** 1985 Feb;61(712):147–8

Angioimmunoblastic lymphadenopathy, sulphasalazine exposure and villous atrophy. Smith MA, et al. **Postgrad Med J** 1985 Apr;61(714):337–8

Salazopyrin-induced eosinophilic pneumonia. Cazzadori A, et al. **Respiration** 1985;47(2):158–60

Sulphasalazine and keratoconjunctivitis sicca [letter] Bedford PG. **Vet Rec** 1985 Feb 23;116(8):222

Keratoconjunctivitis sicca and sulphasalazine [letter] Burrows CF. **Vet Rec** 1985 May 18;116(20):550

Sulphasalazine and keratoconjunctivitis sicca [letter] Long RD. **Vet Rec** 1985 Mar 9;116(10):274

Keratoconjunctivitis sicca in the dog associated with the administration of salicylazosulphapyridine (sulphasalazine). Sansom J, et al. **Vet Rec** 1985 Apr 13;116(15):391–3

[Salazosulfapyridine-induced hemiparesis] Hermann GG, et al. **Ugeskr Laeger** 1984 Aug 20;146(34):2562–3 (Eng. Abstr.) (Dan)

[Toxic phlebitis of the retina in therapy with salazosulfapyridine (Azulfidine)] Duncker G, et al. **Fortschr Ophthalmol** 1985;82(3):288–9 (Eng. Abstr.) (Ger)

[Salazosulfapyridine-induced exacerbation of ulcerative colitis] Dominick HC, et al. **Monatsschr Kinderheilkd** 1985 May;133(5):304–6 (Eng. Abstr.) (Ger)

ANALYSIS

Liquid chromatographic determination of sulfasalazine in tablets and bulk powder. Egli KL. **J Assoc Off Anal Chem** 1985 Jul–Aug;68(4):803–6

HISTORY

Fifty years of sulphonamides [letter] Taggart AJ. **Lancet** 1985 Mar 30;1(8431):763–4

METABOLISM

The effect of rifampicin on sulphapyridine plasma concentrations following sulphasalazine administration. Shaffer JL, et al. **Br J Clin Pharmacol** 1985 Apr;19(4):526–8

Sulfasalazine metabolite pharmacokinetics in pediatric patients with inflammatory bowel disease: effects of disease activity, acetylator phenotype, and age. Clarke DF, et al. **Pediatr Pharmacol (New York)** 1982;2(4):323–33

PHARMACODYNAMICS

Inhibition by sulfasalazine of LTC synthetase and of rat liver glutathione S-transferases. Bach MK, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2695–704

Salazosulfapyridine and non-steroidal antiinflammatory drugs do not inhibit soybean lipoxygenase. Marcinkiewicz E, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):148–9

Inhibition of IgE-mediated mast cell degranulation by sulphasalazine. Barrett KE, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):279–81

Effects of sulphasalazine on stress ulceration and mast cell degranulation in rat stomach. Ogle CW, et al. **Eur J Pharmacol** 1985 Jun 7;112(2):285–6

Effects of sulphasalazine and disodium azodisalicylate on colonic PGE2 concentrations determined by equilibrium in vivo dialysis of faeces in patients with ulcerative colitis and healthy controls. Lauritsen K, et al. **Gut** 1984 Nov; 25(11):1271–8

Effect of long-term therapy with sulphasalazine, levamisole, corticosteroids and ascorbic acid and of disease activity on polymorphonuclear leukocyte function in patients with ulcerative colitis. Hermanowicz A, et al. **Hepatogastroenterology** 1985 Apr;32(2):81–6

Influence of sulfasalazine, 5-aminosalicylic acid and sulfapyridine on prostanoid synthesis and metabolism in rabbit colonic mucosa. Kolassa N, et al. **Prostaglandins** 1985 Jan;29(1):133-42

Comparative study of antiinflammatory drugs and sulphasalazine in relation to prostaglandin E and 19 hydroxylated prostaglandin E levels and human male fertility. Freixa R, et al. **Prostaglandins Leukotrienes Med** 1984 Dec;16(3):359-69

Folate levels in patients with ulcerative colitis receiving sulphasalazine. Schoeman M, et al. **S Afr Med J** 1984 Sep 15;66(11):415

In vitro effects of sulphasalazine, azodisal sodium, and their metabolites on Clostridium difficile and some other faecal bacteria. Sandberg-Gertzen H, et al. **Scand J Gastroenterol** 1985 Jun;20(5):607-12

THERAPEUTIC USE

Sulfasalazine and ankylosing spondylitis [letter] Amor B, et al. **Ann Intern Med** 1984 Dec;101(6):878

Sulphasalazine: a safe, effective agent for prolonged control of rheumatoid arthritis. A comparison with sodium aurothiomalate. Bax DE, et al. **Ann Rheum Dis** 1985 Mar;44(3):194-8

Serum amyloid A protein during the treatment of rheumatoid arthritis with second-line drugs. Grindulis KA, et al. **Br J Rheumatol** 1985 May;24(2):158-63

Which component of sulphasalazine is active in rheumatoid arthritis? Pullar T, et al. **Br Med J [Clin Res]** 1985 May 25;290(6481):1535-8

Which component of sulphasalazine is active in rheumatoid arthritis? [letter] Situnayake RD, et al. **Br Med J [Clin Res]** 1985 Jul 13;291(6488):138

The long term effects of sulphasalazine in the treatment of rheumatoid arthritis and a comparative study with penicillamine. Farr M, et al. **Clin Rheumatol** 1984 Dec;3(4):473-81

Salazopyrin in the management of Crohn's disease. The Japanese Research Committee for Crohn's disease. **Gastroenterol Jpn** 1985 Feb;20(1):71-81

Collagenous colitis: possible response to sulfasalazine and local steroid therapy. Farah DA, et al. **Gastroenterology** 1985 Mar;88(3):792-7

Characterization of spontaneous colitis in cotton-top tamarins (Saguinus oedipus) and its response to sulfasalazine. Madara JL, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):13-9

Sulfasalazine in severe rheumatoid arthritis: a study to assess potential correlates of efficacy and toxicity. Martin L, et al. **J Rheumatol** 1985 Apr;12(2):270-3

HLA-B27 related arthritis and bowel inflammation. Part 1. Sulfasalazine (salazopyrin) in HLA-B27 related reactive arthritis. Mielants H, et al. **J Rheumatol** 1985 Apr;12(2):287-93

Salazopyrin and its newer analogues in the treatment of inflammatory bowel disease. Banatwala N. **JPMA** 1985 Mar;35(3):64-8 (40 ref.)

Sulphasalazine in rheumatoid arthritis [letter] Pullar T, et al. **Lancet** 1985 May 18;1(8438):1167

[Determination of sulfapyridine levels in serum--a possibility for the control of dose related therapy with sulfasalazine] Eitner K, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(6):282-8 (Eng. Abstr.) **(Ger)**

[Radical operation and recurrence prevention with azulfidine in Crohn disease: a prospective multicenter study--initial results] Ewe K, et al. **Langenbecks Arch Chir** 1984;364:427-30 (Eng. Abstr.) **(Ger)**

[Extent of drug compliance in Crohn disease patients--study of a special ambulatory care unit of a university clinic] Karbach U, et al. **Z Gastroenterol** 1984 Oct;22(10):573-9 (Eng. Abstr.) **(Ger)**

SALICYLIC ACIDS

Influence of drug concentration and ageing on the release of salicylic acid from a Carbopol hydrogel. Turakka L, et al. **Acta Pharm Suec** 1985;22(3):157-62

A cause of discrepancy between values for urinary protein as assayed by the Coomassie Brilliant Blue G-250 method and the sulfosalicylic acid method. Shiba KS, et al. **Clin Chem** 1985 Jul;31(7):1215-8

A polyvinylchloride-membrane based anion selective electrode for continuous registration of delta pH (interior alkaline) with salicylate as the indicator probe. Hellingwerf KJ, et al. **J Biochem Biophys Methods** 1985 Aug;11(2-3):83-93

[Reaction kinetics of the dissolution of acetylsalicylic acid and salicylic acid in aqueous solution. I. pH and temperature dependence of salicylic acid decomposition] Ujhelyi G, et al. **Acta Pharm Hung** 1985 May;55(3):126-33 (Eng. Abstr.) **(Hun)**

ADMINISTRATION & DOSAGE

Diflunisal ('Dolobid') once-a-day in the treatment of rheumatoid arthritis. Bocanegra TS, et al. **Curr Med Res Opin** 1985;9(8):568-77

Comparison of slow-release indomethacin and diflunisal in patients with arthrosis. Gordin A, et al. **Curr Med Res Opin** 1984;9(4):275-9

ADVERSE EFFECTS

Ulcers of the small bowel associated with stomach-bypassing salicylates. Souza Lima MA. **Arch Intern Med** 1985 Jun;145(6):1139

Salicylate-induced seizures in a dog. Schubert TA. **J Am Vet Med Assoc** 1984 Nov 1;185(9):1000-1

Ingestion of codeine and salicylic acid causing convulsions and coma. A case report. Shipton EA, et al. **S Afr Med J** 1984 Sep 22;66(12):460

[Prolonged diarrhea in a patient taking diflunisal] Olsson R. **Lakartidningen** 1984 Nov 7;81(45):4191 **(Swe)**

ANALYSIS

Minimization of salicylic acid formation during preparation of aspirin products for analysis by high-performance liquid chromatography. Bevitt RN, et al. **Analyst** 1984 Oct;109(10):1327-9

Spectrophotometric determination of salicylic acid in pharmaceutical formulations using copper(II) acetate as a colour developer. Saha U, et al. **Analyst** 1985 Jun;110(6):739-41

Comparison of two enteric-coated acetylsalicylic acid preparations by monitoring steady-state levels of salicylic acid and its metabolites in plasma and urine. Edgar B, et al. **Biopharm Drug Dispos** 1984 Jul-Sep;5(3):251-60

High-pressure liquid chromatographic analysis of paracetamol, caffeine and acetylsalicylic acid in tablets. Salicylic acid quantitation. Mamolo MG, et al. **Farmaco [Prat]** 1985 Apr;40(4):111-23

Simultaneous high-performance liquid chromatography assay of acetylsalicylic acid and salicylic acid in film-coated aspirin tablets. Fogel J, et al. **J Chromatogr** 1984 Dec 28;317:507-11

Direct preparation of spherically agglomerated salicylic acid crystals during crystallization. Kawashima Y, et al. **J Pharm Sci** 1984 Nov;73(11):1535-8

Effect of diffusion layer pH and solubility on the dissolution rate of pharmaceutical acids and their sodium salts. II: Salicylic acid, theophylline, and benzoic acid. Serajuddin AT, et al. **J Pharm Sci** 1985 Feb;74(2):148-54

BLOOD

Plasma protein binding of salicylic acid, phenytoin, chlorpromazine, propranolol and pethidine using equilibrium dialysis and ultracentrifugation. Verbeeck RK, et al. **Arzneimittelforschung** 1985;35(6):903-6

Effect of chloride ions on the interaction between salicylic acid and human serum albumin studied by frontal affinity chromatography. Nakano NI, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):778-83

Confirmation of serum salicylate levels in Reye's syndrome: a comparison between the Natelson colorimetric method and high performance liquid chromatography. Clark JH, et al. **Clin Chim Acta** 1985 Feb 15;145(3):243-7

Polarographic quantification of salicylate in serum by salicylate hydroxylase. You K. **Clin Chim Acta** 1985 Jul 15;149(2-3):281-4

Salicylate protein binding in serum from young and elderly subjects as measured by diafiltration. Lesko LJ, et al. **Eur J Clin Pharmacol** 1985;28(3):339-45

Plasma salicylate levels and platelet function after acute and chronic administration of slow-release acetylsalicylic acid (Monobeltin). Rehders K, et al. **Eur J Clin Pharmacol** 1985;27(6):683-7

Determination of paracetamol, salicylic acid and acetyl salicylic acid in serum by high-performance liquid chromatography. Tebbett IR, et al. **J Chromatogr** 1985 Jul 5;329(1):196-8

Difficulty in achieving therapeutic serum concentrations of salicylate in Kawasaki disease. Koren G, et al. **J Pediatr** 1984 Dec;105(6):991-5

A sensitive liquid chromatographic assay for plasma aspirin and salicylate concentrations after low doses of aspirin. Brandon RA, et al. **Ther Drug Monit** 1985;7(2):216-21

CHEMICAL SYNTHESIS

Antiinflammatory activities of compounds derived from salicylic and benzoic acids. Singh IP, et al. **Arch Pharm (Weinheim)** 1984 Jul;317(7):609-14

Bis(3,5-diisopropylsalicylato)copper(II), a potent radioprotectant with superoxide dismutase mimetic activity. Sorenson JR. **J Med Chem** 1984 Dec;27(12):1747-9

DIAGNOSTIC USE

Light-chain proteinuria: spurious false-negative reaction to sulfosalicylic acid [letter] Nahman NS Jr, et al. **Ann Intern Med** 1985 Apr;102(4):557-8

METABOLISM

In vivo absorption of theophylline and salicylic acid from rat small intestine. Johansson O, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Nov;55(5):335-8

Plasmid-borne Tn5 insertion mutation resulting in accumulation of gentisate from salicylate. Monticello DJ, et al. **Appl Environ Microbiol** 1985 Apr;49(4):761-4

Glucuronidation and elimination of diflunisal in the isolated perfused rat liver: effect of pretreatment with phenobarbitone, clofibric acid and spironolactone. Faed EM, et al. **Arch Int Pharmacodyn Ther** 1984 Nov;272(1):4-16

Distance relationships between the catalytic site labeled with 4-(iodoacetamido)salicylic acid and regulatory sites of glutamate dehydrogenase. Jacobson MA, et al. **Biochemistry** 1984 Aug 14;23(17):3789-99

The effect of food and antacid on the absorption of fendosal. Wills RJ, et al. **Biopharm Drug Dispos** 1985 Jan-Mar;6(1):43-50

Effect of enterohepatic circulation on the pharmacokinetics of diflunisal in rats. Lin JH, et al. **Drug Metab Dispos** 1985 May-Jun;13(3):321-6

Catabolism of benzoate and salicylate by Aspergillus japonicus. Amin AR, et al. **Indian J Exp Biol** 1984 Apr;22(4):220-1

SAL-TOL in vivo recombinant plasmid pKF439. Furukawa K, et al. **J Bacteriol** 1985 Jun;162(3):1325-8

Dose-dependent effect of calcium and magnesium etidronate on salicylic acid absorption in the rat. Shrewsbury RP, et al. **J Pharm Pharmacol** 1985 Jun;37(6):440-2

Metabolism of salsalate in normal subjects. Dromgoole SH, et al. **J Pharm Sci** 1984 Nov;73(11):1657-9

Gastric and intestinal absorption of captopril in acutely and chronically treated rats: comparison with salicylic acid. Worland PJ, et al. **J Pharm Sci** 1984 Dec;73(12):1755-8

Disposition of salicylic acid in analbuminemic rats. Hirate J, et al. **J Pharmacobiodyn** 1984 Dec;7(12):929-34

Drug absorption from the gastrointestinal tract and immunity: the mechanism of the decreased absorption of salicylic acid during systemic anaphylaxis. II. Yamamoto A, et al. **J Pharmacobiodyn** 1984 Oct;7(10):737-46

Drug absorption from the gastrointestinal tract and immunity: the mechanism of the decreased absorption of salicylic acid during systemic anaphylaxis. I. Yamamoto A, et al. **J Pharmacobiodyn** 1984 Oct;7(10):728-36

Plasma and synovial fluid concentrations of salicylic acid and its metabolites in patients with joint effusions. Sitar DS, et al. **J Rheumatol** 1985 Feb;12(1):134-5

Fluorescence study on the interaction of salicylate with rat small intestinal epithelial cells: possible mechanism for the promoting effects of salicylate on drug absorption in vivo. Kajii H, et al. **Life Sci** 1985 Aug 12;37(6):523-30

Mechanisms involved in the reabsorption of salicylate in the proximal tubule of rabbits. Schild L, et al. **Prog Clin Biol Res** 1984;164:417-22

PHARMACODYNAMICS

Indomethacin and salicylate modulate effect of insulin on glucose kinetics in dogs. Miller JD, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E648-55

Changing surface charge with salicylate differentiates between subgroups of calcium-antagonists. Spedding M. **Br J Pharmacol** 1984 Sep;83(1):211-20

Actions and interactions of acetylsalicylic acid, salicylic acid and diflunisal on platelet aggregation. Nitelius E, et al. **Eur J Clin Pharmacol** 1984;27(2):165-8

Indirect inhibition of vitamin K epoxide reduction by salicylate. Hildebrandt E, et al. **J Pharm Pharmacol** 1984 Sep;36(9):586-91

Lymphatic transport of sodium cefoxitin in the presence of sodium 5-methoxysalicylate after injection into rat rectal connective tissue, femoral muscle and femoral vein. Nishihata T, et al. **J Pharm Pharmacol** 1985 Jul;37(7):509-11

The effects of salicylate on the rectal absorption of phenylalanine and some peptides, and the effects of these peptides on the rectal absorption of cefoxitin and cefmetazole. Nishihata T, et al. **J Pharm Sci** 1984 Sep;73(9):1326-8

Salicylic acid blocks indomethacin-induced cyclooxygenase inhibition and lesion formation in rat gastric mucosa. Ligumsky M, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):250-3

Rapidly-adapting receptor activity and intratracheal pressure in guinea pigs. II. Action of aspirin and salicylic acid in antagonizing mediators of allergic asthma. Bergren DR, et al. **Prostaglandins Leukotrienes Med** 1984 Nov;16(2):163-71

Effects of salicylate on insulin and glucagon secretion by the isolated and perfused rat pancreas. García C, et al. **Rev Esp Fisiol** 1984 Dec;40(4):477-81

[Keratoplastic effect of salicyclic acid, sulfur and a tensio-active mixture] Gloor M, et al. **Z Hautkr** 1984 Dec 15;59(24):1657-60 (Eng. Abstr.) **(Ger)**

POISONING

Algorithm for modified alkaline diuresis in salicylate poisoning [letter] Vale JA, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):155

THERAPEUTIC USE

Double-blind parallel study of meptazinol versus diflunisal in the treatment of lumbago. Videman T, et al. **Curr Med Res Opin** 1984;9(4):246-52

A double-blind, comparative study of diflunisal and naproxen in the treatment of rheumatoid arthritis. Devereaux MD, et al. **Eur J Rheumatol Inflamm** 1983;6(3):274-8

Topical burn therapy comparing povidone-iodine ointment or cream plus aserbine, and povidone-iodine cream. de Kock M. **J Hosp Infect** 1985 Mar;6 Suppl A:127-32

Salicylic acid in alcohol in the treatment of benign superficial migratory glossitis. Pimlott SJ. **J Oral Med** 1984 Jul-Sep;39(3):192-3

An open study of diflunisal, conservative and manipulative therapy in the management of acute mechanical low back pain. Waterworth RF, et al. **NZ Med J** 1985 May 22; 98(779):372-5

Treatment of plantar warts in children with a salicylic acid-podophyllin-cantharidin product. Coskey RJ. **Pediatr Dermatol** 1984 Jul;2(1):71-3

Analgesic effect of fendosal, ibuprofen and aspirin in postoperative oral surgery pain. Forbes JA, et al. **Pharmacotherapy** 1984 Nov-Dec;4(6):385-91

Diflunisal compared with naproxen in the treatment of dysmenorrhea. Kajanoja P, et al. **Prostaglandins Leukotrienes Med** 1984 Aug;15(2):153-8

Salicylate prophylaxis in migraine. Smith M, et al. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(2):273-5

[Evaluation of the efficacy of and tolerance of betamethasone 17,21 dipropionate and salicylic acid in dermatoses of the scalp] Bosco G. **G Ital Dermatol Venereol** 1985 Mar-Apr; 120(2):XXV-XXVII (Eng. Abstr.) **(Ita)**

[Diflunisal and acetylsalicylic acid: a double-blind study of their effect on postextraction pain] Perotti R. **Minerva Stomatol** 1984 Jul-Aug;33(4):645-50 (Eng. Abstr.) **(Ita)**

TOXICITY

Potentiation of the hepatotoxic effect of acetaminophen by prior administration of salicylate. Douidar SM, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):242-8

Teratogenicity of aspirin and its metabolite, salicylic acid, in cultured rat embryos. Yokoyama A, et al. **Res Commun Chem Pathol Pharmacol** 1984 Oct;46(1):77-91

Diflunisal-induced maternal anemia as a cause of teratogenicity in rabbits. Clark RL, et al. **Teratology** 1984 Dec;30(3):319-32

[Studies on the pharmacological bases of fetal toxicity of drugs (VII). Enhancement effect of bacterial pyrogen on the fetal toxicity of salicylic acid] Itami T, et al. **Nippon Yakurigaku Zasshi** 1984 Nov;84(5):411-6 (Eng. Abstr.) **(Jpn)**

URINE

Assay methodology for quantification of the ester and ether glucuronide conjugates of diflunisal in human urine. Musson DG, et al. **J Chromatogr** 1985 Feb 8;337(2):363-78

SALIENTIA see **ANURA**

SALINE see **SODIUM CHLORIDE**

SALINE FRAGILITY see **OSMOTIC FRAGILITY**

SALINE SOLUTION, HYPERTONIC see under **SODIUM CHLORIDE**

SALIVA

Oral fluid contamination of etched enamel surfaces: an SEM study. Silverstone LM, et al. **J Am Dent Assoc** 1985 Mar; 110(3):329-32

Moisture evacuation with the rubber dam in place. Lambert RL. **J Prosthet Dent** 1985 May;53(5):749

Discrimination of salivary olfactants by male Mesocricetus auratus. Friedle RE, et al. **Psychol Rep** 1984 Aug; 55(1):67-70

ANALYSIS

Correlation of oestriol levels in saliva, plasma and urine of pregnant women. Lechner W, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):266-8

An enzyme-linked immuno sorbent assay for salivary estriol during normal pregnancy. Busacchi P, et al. **Acta Eur Fertil** 1985 May-Jun;16(3):195-7

Effects of atropine or high frequency burst excitation on the composition of parasympathetic rat parotid saliva. Ekström J, et al. **Acta Physiol Scand** 1984 Nov;122(3):409-14

Effects of a three-hour calcium clamp on calcium, phosphate, magnesium and zinc concentrations of human parotid saliva. Sagulin GB, et al. **Acta Physiol Scand** 1985 May; 124(1):1-4

Reducing the confounding effects of environment and diet on saliva thiocyanate values in ex-smokers. Swan GE, et al. **Addict Behav** 1985;10(2):187-90

Correlation between serum and salivary cortisol levels in depressed and nondepressed children and adolescents. Burke PM, et al. **Am J Psychiatry** 1985 Sep;142(9):1065-7

A rapid assay for 17 alpha OH-progesterone in plasma, saliva and amniotic fluid using a magnetisable solid-phase antiserum. Dyas J, et al. **Ann Clin Biochem** 1984 Sep;21 (Pt 5):417-24

Sialochemistry of patients with autoimmune rheumatic disease with and without histological manifestations of Sjögren's syndrome. Tsianos EB, et al. **Ann Rheum Dis** 1985 Jun;44(6):412-4

Re-evaluation of saliva for monitoring theophylline concentrations. Rylance GW, et al. **Arch Dis Child** 1985 Jan;60(1):66-8

Free amino-acid composition of wax-stimulated whole saliva in human subjects with healthy periodontium, severe chronic periodontitis and post-juvenile periodontitis. Syrjänen S, et al. **Arch Oral Biol** 1984;29(9):735-8

Chemical characterization of the two forms of epidermal growth factor in murine saliva. Petrides PE, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):218-28

The application of some newer aspects of immunoassay to clinical endocrinology. Turkes A, et al. **Biochem Soc Trans** 1985 Apr;13(2):397-400

Characterization and immunohistochemical localization of rat salivary cobalamin-binding protein and comparison with human salivary haptocorrin. Nexø E, et al. **Biochim Biophys Acta** 1985 Feb 15;838(2):264-9

Salivary oestriol to progesterone ratio in relation to spontaneous labour [letter] Perry L, et al. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):1004-5

Tobacco-specific and betel nut-specific N-nitroso compounds: occurrence in saliva and urine of betel quid chewers and formation in vitro by nitrosation of betel quid. Nair J, et al. **Carcinogenesis** 1985 Feb;6(2):295-303

In vivo nitrosation of amidopyrine in humans: use of 'ethanol effect' for biological monitoring of N-nitrosodimethylamine in urine. Spiegelhalder B, et al. **Carcinogenesis** 1985 Apr;6(4):545-8

Fluoride in whole saliva and dental caries experience in areas with high or low concentrations of fluoride in the drinking water. Bruun C, et al. **Caries Res** 1984;18(5):450-6

Direct radioimmunoassay of melatonin in saliva [letter] Miles A, et al. **Clin Chem** 1985 Aug;31(8):1412-3

Steroid binding in human saliva [letter] Shaw MA. **Clin Chem** 1985 Feb;31(2):345-6

Multicenter evaluation of assays for estradiol and progesterone in saliva. Sufi SB, et al. **Clin Chem** 1985 Jan; 31(1):101-3

An alternative radioligand for immunoassay of salivary progesterone [letter] Truran PL, et al. **Clin Chem** 1985 Jun; 31(6):1091-2

Automated continuous-flow radioimmunoassay for salivary estriol. Truran PL, et al. **Clin Chem** 1984 Oct; 30(10):1678-82

Salivary of blood specimen for evaluation of drug concentration in rheumatoid arthritis [letter] Bird HA, et al. **Clin Rheumatol** 1985 Jun;4(2):220

Lipid composition of marmoset saliva. Murty VL, et al. **Comp Biochem Physiol [A]** 1984;79(1):41-4

Characterization of immunoreactive insulin in human saliva: evidence against production in situ. Vallejo G, et al. **Diabetologia** 1984 Oct;27(4):437-40

A sensitive direct enzyme immunoassay for cortisol in plasma and saliva. Hubl W, et al. **Exp Clin Endocrinol** 1984 Jul; 84(1):63-70

Estradiol in saliva for monitoring follicular stimulation in an in vitro fertilization program. Belkien LD, et al. **Fertil Steril** 1985 Sep;44(3):322-7

Radioimmunoassay of progesterone in saliva: a simplified technique using 125I-radioligand. Tho SP, et al. **Fertil Steril** 1985 Mar;43(3):410-6

Excretion of nitrates and nitrites in saliva and bile in the dog. Fritsch P, et al. **Food Chem Toxicol** 1985 Jul; 23(7):655-9

ABO and Lewis typing of semen, saliva and other body fluids. Pereira M. **Haematologia (Budap)** 1984;17(2):317-22

In-vitro monitoring of salivary 125I. Nishizawa K, et al. **Health Phys** 1985 Aug;49(2):290-5

Geographic and social class variation within the UK in levels of salivary nitrates and nitrites. A preliminary report. Forman D, et al. **IARC Sci Publ** 1984;(57):901-9

Nitrate and nitrite in saliva and urine of inhabitants of areas of low and high incidence of cholangiocarcinoma in Thailand. Srianujata S, et al. **IARC Sci Publ** 1984;(57):921-7

Levels of salivary lysozyme, lactoperoxidase, and lactoferrin in diabetic hamsters. Muratsu K, et al. **Infect Immun** 1985 May;48(2):389-94

Relationships between levels of lysozyme, lactoferrin, salivary peroxidase, and secretory immunoglobulin A in stimulated parotid saliva. Rudney JD, et al. **Infect Immun** 1985 Sep;49(3):469-75

A comparison of plasma and saliva levels of carbamazepine and phenytoin as monotherapy. Callaghan N, et al. **Ir J Med Sci** 1984 May;153(5):170-3

Enzyme immunoassay of progesterone in saliva. Tallon DF, et al. **Ir J Med Sci** 1984 Jun;153(6):195-7

Salivary composition in asthmatic children on theophylline. Gozal D, et al. **Isr J Med Sci** 1985 May;21(5):460-1

Salivary theophylline: a reliable alternative to monitoring serum levels? Gozal D, et al. **Isr J Med Sci** 1985 May; 21(5):462-3

Detection of recent cannabis use by saliva delta 9-THC radioimmunoassay. Gross SJ, et al. **J Anal Toxicol** 1985 Jan-Feb;9(1):1-5

Detection of phencyclidine usage by radioimmunoassay of saliva. McCarron MM, et al. **J Anal Toxicol** 1984 Sep-Oct; 8(5):197-201

Quantitative determination of 2-hydroxy-3-methoxy-6 beta-naltrexol (HMN), naltrexone, and 6 beta-naltrexol in human plasma, red blood cells, saliva, and urine by gas liquid chromatography. Verebey K, et al. **J Anal Toxicol** 1980 Jan-Feb;4(1):33-7

Isolation and amino acid sequence of SAP-1, an acidic protein of human whole saliva, and sequence homology with human gamma-trace. Isemura S, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):489-98

Cystatin S: a cysteine proteinase inhibitor of human saliva. Isemura S, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1311-4

Correlation between some salivary tests, oral hygiene and caries in children. Wöltgens JH, et al. **J Biol Buccale** 1984 Sep;12(3):247-52

Determination of inorganic sulfate in human saliva and sweat by controlled-flow anion chromatography. Normal values in adult humans. Cole DE, et al. **J Chromatogr** 1985 Feb 8;337(2):267-78

Development of a standardized analysis strategy for basic drugs, using ion-pair extraction and high-performance liquid chromatography. VI. Drug level determination in saliva. Hoogewijs G, et al. **J Chromatogr** 1984 Aug 10; 309(2):329-37

The effect of malnutrition on caries development and saliva composition in the rat. Johansson I, et al. **J Dent Res** 1985 Jan;64(1):37-43

Detection of ABO isoagglutinins in saliva using toluene. Saneshige Y, et al. **J Forensic Sci Soc** 1984 Sep-Oct; 24(5):489-93

Homologous radioimmunoassay for epidermal growth factor in human saliva. Dagogo-Jack S, et al. **J Immunoassay** 1985;6(1-2):125-36

Saliva lithium. Too variable for significant plasma level correlations. Lippmann S, et al. **J Ky Med Assoc** 1984 Sep; 82(9):451-4

Effects of a lacto-ovo-vegetarian diet on the free amino acid composition of wax-stimulated whole human saliva. Linkosalo E, et al. **J Nutr** 1985 May;115(5):588-92

The correlation between serum digoxin and electrolytes in saliva and erythrocytes in digitalized patients. Ben-Aryeh H, et al. **J Oral Med** 1982 Oct-Dec;37(4):124-9

Salivary composition and oral Candida in asthmatic children and the effect of inhaled drugs. Ben-Aryeh H, et al. **J Oral Med** 1985 Jul-Sep;40(3):123-6

Salivary composition in diabetic patients. Sharon A, et al. **J Oral Med** 1985 Jan-Mar;40(1):23-6

Salivary concentrations of steroid hormones in males and in cycling and postmenopausal females with and without periodontitis. Vittek J, et al. **J Periodont Res** 1984 Sep; 19(5):545-55

Salivary testosterone levels in normal and testosterone treated monkeys. Arslan M, et al. **J Steroid Biochem** 1984 Oct; 21(4):461-4

Salivary thiocyanate in smokers [letter] Steinman GD. **JAMA** 1985 Sep 13;254(10):1312

Salivary progesterone profile after in-vitro fertilisation/embryo transfer [letter] Cedard L, et al. **Lancet** 1985 Mar 9;1(8428):577-8

Isolation and characterization of histamine-releasing peptide from human parotid saliva. Sugiyama K, et al. **Life Sci** 1985 Aug 5;37(5):475-80

Direct radioimmunoassay (RIA) of salivary testosterone: correlation with free and total serum testosterone. Vittek J, et al. **Life Sci** 1985 Aug 26;37(8):711-6

Solid-phase ABO blood grouping using saliva. Beck ML, et al. **Med Lab Sci** 1985 Jan;42(1):86-7

Salivary content of patients with subjective symptoms resembling galvanic pain. Syrjänen S, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct;58(4):387-91

Caries resistance in children with chronic renal failure: plaque pH, salivary pH, and salivary composition. Peterson S, et al. **Pediatr Res** 1985 Aug;19(8):796-9

Phenytoin as a probe of drug metabolism. Predicting clearance with a salivary sample. Bachmann K, et al. **Pharmacology** 1985;30(3):145-52

Effect of single doses of sucrose and xylitol on human parotid saliva. Mäkinen KK, et al. **Proc Finn Dent Soc** 1984 80(4):186-200

Changes in saliva testosterone after psychological stimulation in men. Hellhammer DH, et al. **Psychoneuroendocrinology** 1985;10(1):77-81

Comparison of the salivary changes associated with a relaxing and with a stressful procedure. Borgeat F, et al. **Psychophysiology** 1984 Nov;21(6):690-8

Short term fasting and lactovegetarian diet does not affect human saliva. Birkhed D, et al. **Scand J Dent Res** 1984 Oct;92(5):408-11

Effect of xylitol-, sucrose-, and water-rinses on the composition of human palatine gland secretions. Mäkinen KK, et al. **Scand J Dent Res** 1985 Jun;93(3):253-61

Short-chain fatty acids in the proximal gastrointestinal tract of healthy subjects. Høverstad T, et al. **Scand J Gastroenterol** 1984 Nov;19(8):1053-8

Changes in the oropharyngeal and colon microflora in relation to antimicrobial concentrations in saliva and faeces. Heimdahl A, et al. **Scand J Infect Dis [Suppl]** 1985;44:52-

On the processing of saliva samples for progesterone assay. Banerjee S, et al. **Steroids** 1983 Nov;42(5):539-47

ELISA for salivary and plasma estriol in pregnancy. Pres MS, et al. **Steroids** 1984 May;43(5):469-79

Fallacious results from measuring salivary carbamazepine concentrations. Dickinson RG, et al. **Ther Drug Monit** 1985;7(1):41-5

Relationship between saliva and free and total plasma theophylline concentrations in patients with chronic airflow obstruction. Ebden P, et al. **Thorax** 1985 Jul; 40(7):526-9

A new individual variation of saliva detected with rabbit anti-human saliva serum. Iwasa M, et al. **Tohoku J Exp Med** 1985 Mar;145(3):283-90

Equine whole saliva: a sample collection system and biochemical analysis. Eckersall PD. **Vet Rec** 1984 Oct 2 115(17):437-8

[Quantification of the drug-metabolizing enzyme system liver diseases: a comparison between antipyrine saliva clearance and the aminopyrine breath test] von Mandach U, et al. **Schweiz Med Wochenschr** 1985 May 11; 115(19):651-8 (Eng. Abstr.) **(Ger)**

[Amino acids in saliva] Klinger G, et al. **Zahn Mund Kieferheilkd** 1984;72(7):651-6 (Eng. Abstr.) **(Ger)**

[Levels of sodium, potassium, chloride, inorganic phosphate, calcium, glucose, uric acid, urea N and creatinine in the saliva of healthy children with low and high caries activity] Liappis N, et al. **Zahn Mund Kieferheilkd** 1984;72(7):657-62 (Eng. Abstr.) **(Ger)**

[Salivary levels of immunoglobulin and dental caries in children] Bruno B, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30;61(3):381-6 (Eng. Abstr.) **(Ita)**

[Clinical problem of hyperprolactinemia in gynecology: behavior of salivary testosterone in hyperprolactinemia with anovulation] Piccione E, et al. **Clin Ter** 1984 Jul 15; 110(1):51-3 (Eng. Abstr.) **(Ita)**

[Clinical aspects of polycystic syndrome of the ovary: the behavior of salivary testosterone and estrone] Piccione E, et al. **Clin Ter** 1984 Jul 31;110(2):119-22 (Eng. Abstr.) **(Ita)**

[Salivary test of the insulin-dependent diabetic patient in childhood] Pelocchino C, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):253-5 (Eng. Abstr.) **(Ita)**

[Variations in salivary and blood transaminases, electrolytes and LDH in cardiopathy patients] Re G, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):213-8 (Eng. Abstr.) **(Ita)**

[Coronary reserve and the concentration of lipid peroxidation products in the saliva of hypertension patients] Briukhovetskiĭ AG, et al. **Klin Med (Mosk)** 1985 Jan; 63(1):69-74 (Eng. Abstr.) **(Rus)**

[Calcium and phosphorus content of mixed saliva and the growth in the degree of caries in children in relation to the season of the year] Zenovskiĭ VP. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):70-2 (Eng. Abstr.) **(Rus)**

[Radioimmunologic determination of androstenedione and the effect of physical training on its levels in human blood and saliva] Chaĭkovskiĭ VS, et al. **Vopr Med Khim** 1985 May-Jun;31(3):120-4 (Eng. Abstr.) **(Rus)**

[Importance of salivary levels of theophylline in monitoring pediatric asthmatic patients] Plaza AM, et al. **An Esp Pediatr** 1984 Aug;21(2):101-6 (Eng. Abstr.) **(Spa)**

[Determination of anticonvulsant drugs in the saliva. Correlation with plasma concentrations] Montoya-Cabrera MA, et al. **Gac Med Mex** 1984 Apr;120(4):151-6 **(Spa)**

CYTOLOGY

[Vaginal and oral cytohormonal smears and crystallization of cervical mucus and saliva in advanced pregnancy] Stepińska B, et al. **Wiad Lek** 1984 Dec 15;37(24):1922-5 (Eng. Abstr.) **(Pol)**

DRUG EFFECTS

The effect of autonomic agonists and nerve stimulation on protein secretion from the rat submandibular gland. Jones CJ, et al. **J Physiol (Lond)** 1985 Jan;358:65-73

The effect of cytotoxic therapy on saliva and oral flora. Main BE, et al. **Oral Surg Oral Med Oral Pathol** 1984 Nov; 58(5):545-8

ENZYMOLOGY

Ribonuclease in different types of saliva from cystic fibrosis patients. Ceder O, et al. **Acta Paediatr Scand** 1985 Jan; 74(1):102-6

Effects of some alpha-adrenoceptor stimulating and blocking agents on the salivary amylase secretion in the rabbit. Görstrup P. **Acta Physiol Scand** 1984 Apr;120(4):567-77

Differential determination of serum isoamylase using an amylase inhibitor and its clinical application. Kameya A, et al. **Am J Gastroenterol** 1985 Jan;80(1):54-9

Amylase in parotid saliva of rats after sympathetic nervous decentralization. Asking B, et al. **Arch Oral Biol** 1985; 30(4):337-9

Comparison of salivary peroxidase system components in caries-free and caries-active naval recruits. Lamberts BL, et al. **Caries Res** 1984;18(6):488-94

Clearance of pancreatic and salivary alpha-amylase in normal subjects [letter] Hafkenscheid JC, et al. **Clin Chem** 1985 Jan;31(1):162-3

Plasma and submandibular saliva lysosomal enzymes in cystic fibrosis. Oglesbee LH, et al. **Clin Chim Acta** 1984 Nov 15; 143(2):135-45

A new variant of lactate dehydrogenase isoenzyme in human saliva. Liu TZ, et al. **Enzyme** 1984;32(4):232-4

Antithrombin, antitrypsin and antichymotrypsin activities of the salivary gland secretion and intestinal chyme of medicinal leeches. Antichymotrypsin activity of partially purified preparations of hirudin and pseudohirudin. Baskova IP, et al. **Folia Haematol (Leipz)** 1984;111(6):831-7

Phenotype and gene frequencies of acid phosphatase (s-AcP) in the human parotid saliva. Ikemoto S, et al. **Hum Genet** 1985;71(1):30-2

Salivary amylase and isoamylase composition in benign and malignant diseases of salivary gland. A preliminary report. Sirsat AV, et al. **Indian J Cancer** 1984 Sep-Oct; 21(4):119-21

The purification of kallikrein from human whole saliva. Hare ER, et al. **Int J Biochem** 1985;17(5):589-95

Biochemical diagnosis of reduced salivary gland function. Yaegaki K, et al. **Int J Oral Surg** 1985 Feb;14(1):47-9

Preparation of human salivary alpha-amylase specific monoclonal antibody. Ito K, et al. **J Biochem (Tokyo)** 1985 May;97(5):1357-62

Human salivary arginase and its deficiency in argininaemia. Konarska L, et al. **J Clin Chem Clin Biochem** 1985 Jun; 23(6):337-42

pH-dependent fluoride inhibition of peroxidase activity. Thibodeau EA, et al. **J Dent Res** 1985 Oct;64(10):1211-3

Metabolism of glycosylated human salivary amylase: in vivo plasma clearance by rat hepatic endothelial cells and in vitro receptor mediated pinocytosis by rat macrophages. Niesen TE, et al. **J Leukocyte Biol** 1984 Sep;36(3):307-20

Relationship of the human salivary peroxidase system to oral health. Tenovuo J, et al. **J Oral Pathol** 1984 Dec; 13(6):573-84

Salivary phosphohexoseisomerase activity in health and salivary gland diseases. Maier H, et al. **ORL J Otorhinolaryngol Relat Spec** 1984;46(5):257-63

Influence of bacterial cell concentration and inorganic anions on lysis of Streptococcus mutans BHT by salivary lysozyme. Twetman S, et al. **Scand J Dent Res** 1984 Dec; 92(6):533-8

[Saliva amylase activity in splenic deficiency patients] Feng QX. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec;4(12):727 **(Chi)**

[Demonstration of plasminogen activators in the saliva of a predatory insect of the family of Reduviidae (Heteroptera)] Ben Hamouda MH, et al. **Arch Inst Pasteur Tunis** 1984 Mar;61(1):73-95 (Eng. Abstr.) **(Fre)**

[Kinetic determination of exocrine arginine esterase enzyme activity in mixed saliva and serum of heterozygous in mucoviscidosis in comparison to controls] Röhr A, et al. **Padiatr Grenzgeb** 1985;24(4):325-30 (Eng. Abstr.) **(Ger)**

[Determination of arginase activity in saliva] Khramov VA, et al. **Lab Delo** 1984;(8):481-2 (Eng. Abstr.) **(Rus)**

[Indicators of resistance and the functional state of the digestive system in children] Beier LV, et al. **Pediatriia** 1984 Jul;(7):7-9 (Eng. Abstr.) **(Rus)**

[Clinical importance of determining lysozyme in secretions and blood serum in chronic liver diseases in children] Volkova AA, et al. **Pediatriia** 1985 Jun;(6):27-9 (Eng. Abstr.) **(Rus)**

[Effect of physical and sugar loads on the dehydrogenase activity of the saliva] Kabulbekov AA, et al. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):11-2 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Serum and saliva Ig-levels in infants of non-atopic mothers fed breast milk or cow's milk-based formulas. Ostergaard PA. **Acta Paediatr Scand** 1985 Jul;74(4):555-9

Oral epithelial cells as the origin of pemphigus antigen in human saliva. Acosta E, et al. **Arch Oral Biol** 1985; 30(1):23-9

The relationship between antigenaemia and excretion of hepatitis B surface antigen in human whole saliva and in gingival crevicular fluid. Ben-Aryeh H, et al. **Arch Oral Biol** 1985;30(1):97-9

Attempts at characterizing the allergens of cat saliva and fur. Sacchi G, et al. **Boll Ist Sieroter Milan** 1984; 63(5):462-73

Immunological findings in whole and parotid saliva of patients with Crohn's disease and healthy controls. Crama-Bohbouth G, et al. **Dig Dis Sci** 1984 Dec; 29(12):1089-92

Immunoglobulin D in rat serum, saliva and milk. Steele MG, et al. **Immunology** 1985 Aug;55(4):571-7

Immunoglobulin A subclass distribution of naturally occurring salivary antibodies to microbial antigens. Brown TA, et al. **Infect Immun** 1985 Aug;49(2):459-62

Agglutination of Streptococcus mutans by low-molecular-weight salivary components: effect of beta 2-microglobulin. Ericson D. **Infect Immun** 1984 Nov; 46(2):526-30

Immunological relationship between anionic antimicrobial proteins from caries-free individuals and known salivary antimicrobial factors. Obenauf SD, et al. **Infect Immun** 1984 Dec;46(3):797-801

Salivary immunoglobulins and antibody activities in leprosy. Abe M, et al. **Int J Lepr** 1984 Sep;52(3):343-50

Comparison of rat fur, urine, saliva, and other rat allergen extracts by skin testing, RAST, and RAST inhibition. Walls AF, et al. **J Allergy Clin Immunol** 1985 Feb;75(2):242-51

Hypersensitivity to rat saliva. Wong AK, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):606-8

Prevention of Streptococcus mutans colonization by salivary IgA antibodies. Gregory RL, et al. **J Clin Immunol** 1985 Jan;5(1):55-62

Monoclonal antibodies against rat saliva and salivary gland antigens. Barka T, et al. **J Histochem Cytochem** 1985 Mar; 33(3):209-18

Salivary IgA antibody to Actinobacillus actinomycetemcomitans in a young adult population. Smith DJ, et al. **J Periodont Res** 1985 Jan;20(1):8-11

Studies on saliva in ODU plaque-susceptible rats having experimental gingivitis. II. IgA in the saliva. Takai N, et al. **J Periodont Res** 1985 May;20(3):317-20

Graft versus host disease-related secretory immunoglobulin A deficiency in bone marrow transplant recipients. Findings in labial saliva. Izutsu KT, et al. **Lab Invest** 1985 Mar;52(3):292-7

Analysis of the expression of H, Lewis, X, Y and precursor blood group determinants in saliva and red cells using a panel of mouse monoclonal antibodies. Sakamoto J, et al. **Mol Immunol** 1984 Nov;21(11):1093-8

A sensitive method for detection of blood group H substance in human saliva and semen using enzyme-linked immunosorbent assay (ELISA). Katsumata Y, et al. **Nippon Hoigaku Zasshi** 1985 Feb;39(1):15-8

Studies on immunologic and inflammatory factors in the saliva and gingiva in patients with asthma. Hyyppä T. **Proc Finn Dent Soc** 1984;80 Suppl 7-8:1-64

Ups and downs for salivary IgA. Bratthall D, et al. **Scand J Dent Res** 1985 Apr;93(2):128-34

Salivary interactions with homologous and heterologous strains of oral streptococci and epithelial cells. Ericson D. **Scand J Dent Res** 1985 Aug;93(4):320-8

Low secretory IgA concentrations in oral secretions during the acute phase of infectious mononucleosis. Marklund G, et al. **Scand J Infect Dis** 1984;16(3):241-6

On the new secretor status recognized by saliva specific ABH antigens. Sagisaka K, et al. **Tohoku J Exp Med** 1984 Jul; 143(3):255-9

Normal salivary mucin contains the gastrointestinal cancer-associated antigen detected by monoclonal antibody 19-9 in the serum mucin of patients. Brockhaus M, et al. **Vox Sang** 1985;48(1):34-8

[Distribution pattern of the cellular oral immune system in the major and minor salivary glands. Immunocytochemical findings] Beckenkamp G. **HNO** 1985 May;33(5):196-203 (Eng. Abstr.) **(Ger)**

[Type B viral encephalitis: HBsAg testing in saliva and cerebrospinal fluid] Zardi O, et al. **G Batteriol Virol Immunol** 1983 Jul-Dec;76(7-12):282-9 (Eng. Abstr.) **(Ita)**

[Analysis of immunoglobulins and secretory components in the saliva of children, before and after adenotonsillectomy] Di Stefano A, et al. **Minerva Pediatr** 1985 May 15; 37(9):327-30 (Eng. Abstr.) **(Ita)**

[Salivary IgA in diabetes mellitus patients] Sortino F, et al. **Minerva Stomatol** 1985 Jan-Feb;34(1):65-7 (Eng. Abstr.) **(Ita)**

[Humoral immunity at the serum and saliva levels in periodontopathies] Vergano V, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):339-42 (Eng. Abstr.) **(Ita)**

[Secretory IgA in immunological diseases of infants and children. Part II. Salivary s-IgA levels in patients with bronchial asthma] Maeda M. **Arerugi** 1985 Feb;34(2):122-7 (Eng. Abstr.) **(Jpn)**

[Secretory IgA in saliva of asthmatic children] Yamaguchi K, et al. **Arerugi** 1985 Apr;34(4):234-8 (Eng. Abstr.) **(Jpn)**

[Relation of secreting isohemagglutinins in saliva and dental caries] Kitamura H. **Nippon Hoigaku Zasshi** 1984 Apr; 38(2):183-94 (Eng. Abstr.) **(Jpn)**

[Immunoglobulin A level in the saliva of children living in areas of industrial air pollution] Usatova EA. **Gig Sanit** 1985 Feb;(2):89-90 **(Rus)**

[Detection of specific antibodies in the saliva in Lamblia infection] Osipova SO, et al. **Med Parazitol (Mosk)** 1984 Sep-Oct;(5):57-60 (Eng. Abstr.) **(Rus)**

[Changes in various immunologic indices in gastroduodenal and biliary pathology in children] Sheliapina VV, et al. **Pediatriia** 1984 Oct;(10):13-5 (Eng. Abstr.) **(Rus)**

[Determination of blood groups by examination of human secretions in 'paradoxical secretors'] Bronnikova MA, et al. **Sud Med Ekspert** 1984 Jul-Sep;27(3):40-2 (Eng. Abstr.) **(Rus)**

[Determination of Glm(1) antigen in human saliva by anti-Glm(1) goat sera] Kolokolova GP. **Sud Med Ekspert** 1984 Jul-Sep;27(3):43-4 (Eng. Abstr.) **(Rus)**

[Antibody avidity indices of the saliva and serum antibodies in salmonellosis patients] Bunin KV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May;(5):69-72 (Eng. Abstr.) **(Rus)**

METABOLISM

Clearance of glucose and sucrose from the saliva of human subjects. Sreebny LM, et al. **Arch Oral Biol** 1985; 30(3):269-74

Pre- and post-dexamethasone saliva cortisol determination in chronic pain patients. Atkinson JH Jr, et al. **Biol Psychiatry** 1984 Jul;19(7):1155-9

Salivary lithium: a trial of Selinger's method in Sri Lanka. Richardson RE, et al. **Biol Psychiatry** 1984 Jul; 19(7):1129-32

Binding of corroded ions to human saliva. Mueller HJ. **Biomaterials** 1985 May;6(3):146-9

Salivary female sex hormone levels and gingivitis in pregnancy. Zaki K, et al. **Biomed Biochim Acta** 1984; 43(6):749-54

Antipyrine clearance in children from single saliva samples. Loft S, et al. **Br J Clin Pharmacol** 1985 May;19(5):698-700

Propranolol concentrations in blood serum, seminal plasma and saliva in man after a single oral dose. Mahajan P, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):849-52

Carbamazepine 10,11-epoxide in children. Rylance GW, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):935-9

A comparison of saliva, plasma unconjugated and plasma total oestriol levels throughout normal pregnancy. Lachelin GC, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1203-9

Salivary oestriol in normal and abnormal pregnancies. Truran PL, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1210-5

Intraoral demineralization and maltose clearance from wheat starch. Brudevold F, et al. **Caries Res** 1985;19(2):136-44

Salivary glucose clearance after rinsing with solutions of different concentrations of glucose. Goulet D, et al. **Caries Res** 1984;18(6):481-7

Salivary excretion of 5-fluorouracil. I. Fluctuation of the saliva/plasma concentration ratio and salivary clearance in beagle dogs following bolus intravenous administration. Watanabe J, et al. **Chem Pharm Bull (Tokyo)** 1985 Mar;33(3):1187-94

Cobalamin R binder as a possible model molecule for glycoprotein study in cystic fibrosis. Gueant JL, et al. **Clin Chim Acta** 1984 Nov 30;143(3):217-23

Salivary penetration of moxalactam. Casto DT, et al. **Clin Pharm** 1985 Jan-Feb;4(1):67-70

Measurement of tobramycin concentrations in saliva. Hendeles L, et al. **Drug Intell Clin Pharm** 1985 May;19(5):378-80

Mouse salivary glands secrete a glucagon-degrading enzyme, not glucagon. Baldissera FG, et al. **Endocrinology** 1985 Jul;117(1):84-7

Evaluation of luteal-phase salivary progesterone levels in women with benign breast disease or primary breast cancer. Read GF, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):9-17

Radioimmunoassay of thyroxine in saliva. Putz Z, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):199-203

Pseudomonas lectin PA-I detects hybrid product of blood group AB genes in saliva. Gilboa-Garber N, et al. **Experientia** 1985 May 15;41(5):681-2

Concentrations of ampicillin and cefadroxil in human serum and mixed saliva following a single oral administration of talampicillin and cefadroxil, and relationships between serum and mixed saliva concentrations. Akimoto Y, et al. **Gen Pharmacol** 1985;16(3):273-5

Longitudinal studies of luteal function by salivary progesterone determinations. Walker SM, et al. **Horm Res** 1984;20(4):231-40

Comparative pharmacokinetics of testosterone enanthate and testosterone cyclohexanecarboxylate as assessed by serum and salivary testosterone levels in normal men. Schürmeyer T, et al. **Int J Androl** 1984 Jun;7(3):181-7

Salivary levels of gramicidin after use of a tyrothricin lozenge and a tyrothricin gargle/mouth-wash. Kreuzig F, et al. **Int J Clin Pharmacol Res** 1983;3(2):65-70

Variation in the relationship between serum and saliva lithium levels. Sankaranarayanan A, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jul;23(7):365-6

Modification of dobutamine- and terbutaline-induced calcium and fluid secretion from rat salivary glands by atenolol and butoxamine. Schneyer CA, et al. **J Auton Nerv Syst** 1985 Aug;13(4):275-85

Biochemical characteristics and protein composition of murine saliva evoked in vivo by receptor-selective agonists. Nieuw Amerongen AV, et al. **J Biol Buccale** 1985 Jun;13(2):167-78

Sugar clearance from saliva and intra-oral spaces. Goulet D, et al. **J Dent Res** 1985 Mar;64(3):411-5

Salivary clearance of sugar and its effects on pH changes by Streptococcus mitior in an artificial mouth. Lagerlöf F, et al. **J Dent Res** 1984 Nov;63(11):1266-70

Comparisons of various salivary parameters in smokers before and after the use of a nicotine-containing chewing gum. Olson BL, et al. **J Dent Res** 1985 May;64(5):826-30

Effect of calcitonin on salivary phosphorus and calcium excretion in sheep. Matsui T, et al. **J Endocrinol** 1984 Sep;102(3):365-8

Characterization of profiles of salivary progesterone concentrations during the luteal phase of fertile and subfertile women. Walker RF, et al. **J Endocrinol** 1985 Mar;104(3):441-6

Chlorhexidine uptake by saliva-coated and uncoated hydroxyapatite and salivary sediment. Park KK, et al. **J Oral Med** 1984 Jul-Sep;39(3):126-30

Do cyclic AMP concentrations in saliva reflect PTH biologic activity? Kraiem Z, et al. **Metabolism** 1985 Jun;34(6):505-8

Use of saliva cortisol in the dexamethasone suppression test. Ansseau M, et al. **Psychiatry Res** 1984 Nov;13(3):203-11

Direct radioimmunoassay of cortisol in saliva and its application to the dexamethasone suppression test in affective disorders. Hanada K, et al. **Psychoneuroendocrinology** 1985;10(2):193-201

The effects of feeding either roughage or concentrate diets on salivary phosphorus secretion, net intestinal phosphorus absorption and urinary phosphorus excretion in the sheep. Scott D, et al. **Q J Exp Physiol** 1985 Jul;70(3):365-75

Determination of the R-protein and the R-protein-vitamin B12-complex in saliva and gastrointestinal juice by FPLC Mono S cationic chromatography. Kittang E, et al. **Scand J Clin Lab Invest** 1985 May;45(3):237-44

[Plasma and saliva DST (dexamethasone suppression test) in depression. Clinical applications and kinetic approach] Piollet I, et al. **Encephale** 1984;10(6):279-80 (Eng. Abstr.) **(Fre)**

[Sodium, potassium, urea and uric acid concentrations and alpha-amylase activity in mixed saliva of healthy persons] Religa H, et al. **Przegl Lek** 1984;41(7):483-8 (Eng. Abstr.) **(Pol)**

MICROBIOLOGY

Hepatitis B virus in a cardiopulmonary resuscitation training course. Risk of transmission from a surface antigen-positive participant. Glaser JB, et al. **Arch Intern Med** 1985 Sep;145(9):1653-5

The relationship between the bacterium Streptococcus mutans in the saliva and dental caries in children in Mozambique. Carlsson P, et al. **Arch Oral Biol** 1985;30(3):265-8

The effect of caries-preventive measures in mothers on dental caries and the oral presence of the bacteria Streptococcus mutans and lactobacilli in their children. Köhler B, et al. **Arch Oral Biol** 1984;29(11):879-83

A study of Streptococcus mutans levels in both infants with bottle caries and their mothers. Brown JP, et al. **Aust Dent J** 1985 Apr;30(2):96-8

Determination of salivary Streptococcus mutans level in a stable sucrose-sulphasomidine-containing broth. Kalfas S, et al. **Caries Res** 1985;19(4):320-6

The survival of oral streptococci on human skin and its implication in bite-mark investigation. Brown KA, et al. **Forensic Sci Int** 1984 Nov;26(3):193-7

Analytical pyrolysis of Streptococcus salivarius as an aid to identification in bite-mark investigation. Elliot TR, et al. **Forensic Sci Int** 1984 Oct;26(2):131-7

Antibodies that bind to fimbriae block adhesion of Streptococcus sanguis to saliva-coated hydroxyapatite. Fachon-Kalweit S, et al. **Infect Immun** 1985 Jun;48(3):617-24

Contribution of stereochemical interactions in the adhesion of Streptococcus sanguis C5 to experimental pellicles. Gibbons RJ, et al. **J Dent Res** 1985 Feb;64(2):96-101

Proteolytic activity of mycoplasmas and ureaplasmas isolated freshly from human saliva. Watanabe T, et al. **Med Microbiol Immunol (Berl)** 1985;173(5):251-5

Prevalence of oral colonization with Candida albicans and anti-C. albicans IgA in the saliva of normal children and children with acute lymphoblastic leukaemia. Gentle TA, et al. **Mycopathologia** 1984 Aug 30;87(1-2):111-4

Presence of Lactobacillus casei in saliva from children and adults using a new medium. Claesson R, et al. **Scand J Dent Res** 1985 Feb;93(1):17-22

Comparison of effect of SnF2 and NaF mouthrinses on caries incidence, salivary S. mutans and gingivitis in high caries prevalent adults. Klock B, et al. **Scand J Dent Res** 1985 Jun;93(3):213-7

Salivary Streptococcus mutans count and gingivitis in children after rinsing with a chlorhexidine-fluoride solution with and without strontium. Spets-Happonen S, et al. **Scand J Dent Res** 1985 Aug;93(4):329-35

Salivary counts of lactobacilli and Streptococcus mutans in caries prediction. Stecksén-Blicks C. **Scand J Dent Res** 1985 Jun;93(3):204-12

HTLV-III in saliva of people with AIDS-related complex and healthy homosexual men at risk for AIDS. Groopman JE, et al. **Science** 1984 Oct 26;226(4673):447-9

The effect of sugar alcohols on plaque and saliva level of Streptococcus mutans. Loesche WJ. **Swed Dent J** 1984;8(3):125-35

[Importance of saliva and colostrum in leukemia transmission in cattle] Genov IN, et al. **Vet Med Nauki** 1984;21(7-8):68-73 (Eng. Abstr.) **(Bul)**

[Role of saliva in the transmission of hepatitis B] Song QL. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Dec;5(6):332-4 (Eng. Abstr.) **(Chi)**

[Excretion of the rabies virus in foxes after experimental infection] Matouch O, et al. **Vet Med (Praha)** 1984 Nov;29(11):653-8 (Eng. Abstr.) **(Cze)**

[Flow rate, pH, and lactobacillus and yeast counts of stimulated whole saliva in adults] Parvinen T. **Proc Finn Dent Soc** 1985;81(2):113-6 (Eng. Abstr.) **(Fin)**

[Rabies virus in the saliva of infected animals before the outbreak of clinical symptoms (letter)] Scheiermann N, et al. **Dtsch Med Wochenschr** 1984 Nov 16;109(46):1781-2 **(Ger)**

[Streptococcus mutans count in the saliva] Orsós M, et al. **Fogorv Sz** 1984 Nov;77(11):332-6 (Eng. Abstr.) **(Hun)**

[Lactobacillus in the saliva of persons with carious and non-carious teeth] Hakgüdener Y. **Mikrobiyol Bul** 1985 Jan;19(1):29-35 (Eng. Abstr.) **(Tur)**

[Relation between serum and salivary IgA and oral aerobic bacterial flora in patients with chronic bronchitis] Misirligil Z, et al. **Mikrobiyol Bul** 1985 Jan;19(1):23-8 (Eng. Abstr.) **(Tur)**

PHYSIOLOGY

Effect of human saliva on the phagocytotic activity of polymorphonuclear leukocytes and monocytes. Mittelman M, et al. **Biomed Pharmacother** 1984;38(3):171-5

Effects of submandibular sialadenectomy on N-methyl-N'-nitro-N-nitrosoguanidine-induced duodenal carcinogenesis in mice. King WW, et al. **Br J Cancer** 1985 Mar;51(3):429-32

Rehardening properties of mucin- or CMC-containing saliva substitutes on softened human enamel. Effects of sorbitol, xylitol and increasing viscosity. Vissink A, et al. **Caries Res** 1985;19(3):212-8

Preferences for salivary odor cues by female hamsters. Gray B, et al. **Horm Behav** 1984 Dec;18(4):451-6

Promotion of Streptococcus mutans glucose transport by human whole saliva and parotid fluid. Germaine GR, et al. **Infect Immun** 1985 Apr;48(1):7-13

A comparison of bacterial aggregation induced by saliva, lysozyme, and zinc. Golub EE, et al. **Infect Immun** 1985 Apr;48(1):204-10

In vitro attachment, salivary agglutination, and surface fibril density of fresh Actinomyces isolates from two distinct oral surfaces. Ellen RP, et al. **J Dent Res** 1985 May;64(5):799-803

The surface free energy of oral streptococci after being coated with saliva and its relation to adhesion in the mouth. Weerkamp AH, et al. **J Dent Res** 1985 Oct;64(10):1204-10

Antihemostatic, antiinflammatory, and immunosuppressive properties of the saliva of a tick, Ixodes dammini. Ribeiro JM, et al. **J Exp Med** 1985 Feb 1;161(2):332-44

Stress and relaxation: evaluation by questionnaire, salivary changes and physiological responses in a trained meditator. Morse DR, et al. **J Oral Med** 1984 Jul-Sep;39(3):142-7

Studies of biologic parameters for denture design. Part II: Comparison of masseter muscle activity, masticatory performance, and salivary secretion rates between denture and natural dentition groups. Kapur KK, et al. **J Prosthet Dent** 1984 Sep;52(3):408-13

Flow rate, pH, and lactobacillus and yeast counts of stimulated whole saliva in adults. Parvinen T. **Proc Finn Dent Soc** 1984;80 Suppl 9-11:1-71

Effect of human saliva and serum on ion transport by dog tracheal mucosa. Comparison of normal subjects with cystic fibrosis patients. Al-Bazzaz FJ, et al. **Respiration** 1984;46(1):88-96

Caries, periodontal status and some salivary factors in lactovegetarians. Linkosalo E, et al. **Scand J Dent Res** 1985 Aug;93(4):304-8

Man's mercury loading from a dental amalgam. Brune D, et al. **Sci Total Environ** 1985 Jul;44(1):51-63

A clinical evaluation of the ability of the Dentobuff method to estimate buffer capacity of saliva. Wikner S, et al. **Swed Dent J** 1985;9(2):45-7

[Saliva and wound healing following tooth extraction] Schroeder H. **Z Arztl Fortbild (Jena)** 1985;79(5):189-93 **(Ger)**

[Changes in the salivary pH of diabetics. A clinico-statistical comparison with a normal population] Borgogna E, et al. **Minerva Stomatol** 1985 Jan-Feb;34(1):69-73 (Eng. Abstr.) **(Ita)**

RADIATION EFFECTS

[The effect of irradiation with the He-Ne laser on salivary lysozyme] Hubáček J, et al. **Cesk Otolaryngol** 1985 Jun;34(3):147-51 (Eng. Abstr.) **(Cze)**

SECRETION

Salivary secretion and connective tissue disease in man. Matthews RW, et al. **Ann Rheum Dis** 1985 Jan;44(1):20-6

Effect of extracellular K+ on saliva secretion by isolated, perfused rat submandibular glands. Martinez JR, et al. **Arch Oral Biol** 1984;29(9):729-34

Secretion of saliva by human lip mucous glands and parotid glands in response to gustatory stimuli and chewing. Speirs RL. **Arch Oral Biol** 1984;29(11):945-8

Effect of sucrose as a gustatory stimulus on the flow rates of parotid and whole saliva. Lagerlöf F, et al. **Caries Res** 1985;19(3):206-11

Salivary secretion induced by L-DOPA in haloperidol-treated rats. Pazo JH, et al. **J Auton Nerv Syst** 1984 Sep;11(2):173-9

Unstimulated and stimulated parotid salivary flow rate in individuals of different ages. Heft MW, et al. **J Dent Res** 1984 Oct;63(10):1182-5

The effect of swallowing frequency on oral sugar clearance and pH changes by Streptococcus mitior in vivo after sucrose ingestion. Lagerlöf F, et al. **J Dent Res** 1985 Oct;64(10):1229-32

Cyclic adenosine 3', 5'-monophosphate levels in human parotid saliva at different secretion rates. Mörnstad H, et al. **J Dent Res** 1985 Mar;64(3):441-2

Studies of the effect of diet on saliva secretion and caries development: the effect of fasting on saliva composition of female subjects. Johansson I, et al. **J Nutr** 1984 Nov;114(11):2010-20

Salivary secretions in iron deficiency anemia. Mukherji S, et al. **J Oral Med** 1982 Oct-Dec;37(4):130-2

The effect of vitamin D deficiency on secretion of saliva by rat parotid gland in vivo. Glijer B, et al. **J Physiol (Lond)** 1985 Jun;363:323-34

Effect of methantheline bromide and clonidine hydrochloride on salivary secretion. Wilson EL Jr, et al. **J Prosthet Dent** 1984 Nov;52(5):663-5

Salivary and lacrimal secretions in patients on lithium therapy. Ben-Aryeh H, et al. **J Psychiatr Res** 1984;18(3):299-306

Salivary flow in borderline hypertension. Böhm R, et al. **Klin Wochenschr** 1985;63 Suppl 3:154-6

The chronically reserpinized rat as a model for cystic fibrosis: abnormal Cl- transport as the basis for reduced salivary fluid secretion. Martinez JR, et al. **Pediatr Res** 1985 Jul;19(7):711-6

Submandibular salivary secretion in the cat and associated potassium movements: dependence on temperature and perfusate flow rate. Dich-Nielsen JO, et al.

Pflugers Arch 1985 Apr;403(4):440-5

Stimulated salivary flow rate in relation to size and sex. Parvinen T. **Proc Finn Dent Soc** 1984;80(3):127-30

Stimulated salivary flow rate, pH and lactobacillus and yeast concentrations in medicated persons. Parvinen T, et al. **Scand J Dent Res** 1984 Dec;92(6):524-32

Stimulated salivary flow rate, pH and lactobacillus and yeast concentrations in persons with different types of dentition. Parvinen T. **Scand J Dent Res** 1984 Oct;92(5):412-8

Salivary flow rate in children and adolescents. Crossner CG. **Swed Dent J** 1984;8(6):271-6

[Physiological control and pharmacological inhibition of digestive secretions] De Graef J, et al. **Acta Chir Belg** 1985 May-Jun;85(3):149-53 (Eng. Abstr.) **(Fre)**

[Fluid exchange in the rumen of sheep in low and adequate phosphorus administration] Breves G, et al. **DTW** 1985 Feb 7;92(2):47-9 (Eng. Abstr.) **(Ger)**

[Effect of the beta receptor blockader Visken on the weight of the parotid gland, salivary secretion rate and amylase activity in the rat] Zelles T, et al. **Fogorv Sz** 1984 Nov; 77(11):346-8 (Eng. Abstr.) **(Hun)**

[Salivary secretion of catecholamines and electrolytes in persons with various degrees of dental caries] Mikhailov VV, et al. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):6-7 (Eng. Abstr.) **(Rus)**

SALIVA, ARTIFICIAL see under **MOUTHWASHES**

SALIVARY DUCT CALCULI

Salivary calculus [letter] Adiga KM. **Med J Aust** 1985 Jun 10;142(12):663

DIAGNOSIS

Submaxillary sialadenitis with a calculus in infancy diagnosed by ultrasonography. Grünebaum M, et al. **Pediatr Radiol** 1985;15(3):191-2

[Sonography in salivary calculi--indications and status] Gritzmann N, et al. **ROFO** 1985 May;142(5):559-62 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Giant submandibular gland calculi. Naraynsingh V. **J Oral Maxillofac Surg** 1985 May;43(5):384-5

Sialolith in a median anterior maxillary cyst. Sadeghi EM, et al. **J Oral Maxillofac Surg** 1985 Jan;43(1):55-6

RADIOGRAPHY

Submandibular calculus. Hardman PK, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):347

Salivary calculi and chronic sialoadenitis of the submandibular gland: a radiographic and histologic study. Isacsson G, et al. **Oral Surg Oral Med Oral Pathol** 1984 Nov;58(5):622-7

Sialolith. Kinni ME. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):111

SURGERY

Salivary probe and dissector. Mantovani M, et al. **Otolaryngol Head Neck Surg** 1980 Jul-Aug;88(4):336-7

SALIVARY GLAND DISEASES

CHEMICALLY INDUCED

[Parotid duct occlusion with prolamine--sequelae of long-term administration in the animal model] Schröder M, et al. **HNO** 1984 Dec;32(12):507-10 (Eng. Abstr.) **(Ger)**

COMPLICATIONS

Chronic urticaria related to sialoadenitis. Chaudhary TK, et al. **Ann Allergy** 1984 Nov;53(5):410-3

CONGENITAL

Congenital cystic dilatation of the submandibular duct. Addante RR. **Oral Surg Oral Med Oral Pathol** 1984 Dec; 58(6):656-8

DIAGNOSIS

A mucocele of the submandibular gland. Surkin M, et al. **Arch Otolaryngol** 1985 Sep;111(9):623-5

An unusual dental presentation of cat scratch disease. Walsh LJ, et al. **Aust Dent J** 1985 Feb;30(1):29-32

Submaxillary sialadenitis with a calculus in infancy diagnosed by ultrasonography. Grünebaum M, et al. **Pediatr Radiol** 1985;15(3):191-2

Ultrasonography of the salivary glands. Wittich GR, et al. **Radiol Clin North Am** 1985 Mar;23(1):29-37 (38 ref.)

[Abnormalities of the salivary glands from the clinical viewpoint] Chilla R. **HNO** 1985 Feb;33(2):70-4 (Eng. Abstr.) **(Ger)**

[Salivary gland infarction--a diagnostic case for pathologists and clinicians] Makek MS, et al. **Schweiz Monatsschr Zahnmed** 1985 Feb;95(2):113-23 (Eng. Abstr.) **(Ger)**

[Diagnostic and treatment considerations in sialosis] Lotreanu V, et al. **Rev Chir [Otorinolaringol]** 1985 Apr-Jun; 30(2):135-7 (Eng. Abstr.) **(Rum)**

DRUG THERAPY

Medical management of non-neoplastic salivary gland disease. Stuchell RN, et al. **Otolaryngol Clin North Am** 1984 Nov;17(4):697-703

ENZYMOLOGY

Salivary phosphohexoseisomerase activity in health and salivary gland diseases. Maier H, et al. **ORL J Otorhinolaryngol Relat Spec** 1984;46(5):257-63

ETIOLOGY

Induction of experimental allergic sialadenitis in mice. Hayashi Y, et al. **Am J Pathol** 1985 Mar;118(3):476-83

Sialadenitis following iodine-131 therapy for thyroid carcinoma [letter] **J Nucl Med** 1985 Jul;26(7):816-7

Bilateral recurrent submandibular obstructive sialadenitis. Zacharides N. **J Oral Med** 1985 Apr-Jun;40(2):86, 103

IMMUNOLOGY

[Immunopathologic reactions in chronic sialadenitis of the submandibular gland (so-called Küttner tumor)] Herberhold C. **Laryngol Rhinol Otol (Stuttg)** 1984 Sep; 63(9):468-74 (Eng. Abstr.) **(Ger)**

METABOLISM

Characterization of cells in salivary gland lesions by immunohistochemical identification of carcinoembryonic antigens. Tsukitani K, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jun;59(6):595-9

PARASITOLOGY

[Cervicofacial hydatid cyst. Apropos of 9 cases] Touhami M, et al. **Rev Laryngol Otol Rhinol (Bord)** 1985; 106(3):187-90 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Clinical, histopathological and histochemical features of degenerative sialosis. Zhang KH, et al. **Chin Med J [Engl]** 1985 Apr;98(4):231-5

Distribution of intermediate filaments and actin microfilaments in parotid autoimmune sialoadenitis of Sjögren syndrome. Kjörell U, et al. **Histopathology** 1984 Nov;8(6):991-1011

An unusual submandibular mass--cat scratch disease: report of case. Donlon WC, et al. **J Am Dent Assoc** 1984 Oct; 109(4):581-3

Giant submandibular gland calculi. Naraynsingh V. **J Oral Maxillofac Surg** 1985 May;43(5):384-5

Necrotizing sialometaplasia of palatal minor salivary glands: a report on 2 cases. Chaudhry AP, et al. **J Oral Med** 1985 Jan-Mar;40(1):2-6

Fine-needle aspiration biopsy: efficacy in the diagnosis of head and neck sarcoidosis. Frable MA, et al. **Laryngoscope** 1984 Oct;94(10):1281-3

Recurrent necrotizing sialometaplasia of the nasal cavity. Close LG, et al. **Otolaryngol Head Neck Surg** 1985 Jun; 93(3):422-5

Benign lymphoepithelial disease of the salivary glands. Sharma GK. **Otolaryngol Head Neck Surg** 1985 Jun; 93(3):419-21

[Necrotizing sialometaplasia] Cavelier-Balloy B, et al. **Ann Dermatol Venereol** 1984;111(8):679-80 **(Fre)**

[Salivary glands] **Arch Otorhinolaryngol [Suppl]** 1984; 2:165-75 **(Ger)**

[Inflammatory granulation tissue polyp of the submandibular gland] Scheiden R. **Laryngol Rhinol Otol (Stuttg)** 1985 Apr; 64(4):206-8 (Eng. Abstr.) **(Ger)**

[Morphology and problems of the morphogenesis of cytomegalic sialadenitis] Samokhin PA, et al. **Arkh Patol** 1984;46(9):69-75 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

High-resolution computed tomography of the major salivary glands: current status. Saluk PH, et al. **J Comput Tomogr** 1985 Jan;9(1):39-50

Submandibular calculus. Hardman PK, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):347

Salivary calculi and chronic sialoadenitis of the submandibular gland: a radiographic and histologic study. Isacsson G, et al. **Oral Surg Oral Med Oral Pathol** 1984 Nov;58(5):622-7

Sialolith. Kinni ME. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):111

[Contrast electroroentgenosialography in the diagnosis of salivary gland diseases] Mamontov VV, et al. **Vestn Rentgenol Radiol** 1985 Mar-Apr;(2):80-3 **(Rus)**

RADIONUCLIDE IMAGING

Importance of sequential salivary scintigraphy with technetium 99m in the diagnosis of non-neoplastic diseases of the salivary gland. Bardadin J, et al. **Acta Med Pol** 1984; 25(1-4):97-103

[Quantitative functional scintigraphy of the salivary glands--clinical possibilities and current indications] Noodt A, et al. **HNO** 1985 May;33(5):232-8 (Eng. Abstr.) **(Ger)**

[Scintigraphy of the salivary glands] Ajdinović B, et al. **Vojnosanit Pregl** 1984 Nov-Dec;41(6):480-3 **(Scr)**

VETERINARY

Sialodacryoadenitis in the rat: effects of immunosuppression on the course of the disease. Hanna PE, et al. **Am J Vet Res** 1984 Oct;45(10):2077-83

Submandibular and disseminated zygomycosis (mucormycosis) in feeder pigs. Sanford SE, et al. **J Am Vet Med Assoc** 1985 Jan 15;186(2):171-4

Salivary mucocele in a dog. Mapes EL. **Mod Vet Pract** 1984 Aug;65(8):632-3

SALIVARY GLAND FISTULA

CONGENITAL

Congenital cervical salivary fistula. Soucy P. **Can J Surg** 1985 Mar;28(2):130-1

ETIOLOGY

A persistent parotid fistula following the extraction of mandibular teeth. Bailey BM. **J Laryngol Otol** 1984 Oct; 98(10):1051-4

THERAPY

The effects of tympanic neurectomy and chorda tympanectomy on experimentally induced parotid duct fistulae in rabbits. Chilla R, et al. **Arch Otorhinolaryngol** 1985;241(3):295-301

Conservative management of post-traumatic parotid fistulae and sialoceles: a prospective study. Landau R, et al. **Br J Surg** 1985 Jan;72(1):42-4

SALIVARY GLAND NEOPLASMS

Transactions of the XXIIth congress of the Scandinavian Oto-laryngological Society. Abstracts. Copenhagen, June 18-21, 1984. **Acta Otolaryngol [Suppl] (Stockh)** 1984; 412:1-138

Multiple primary cancer risk in patients with major salivary gland carcinoma. Spitz MR, et al. **Ann Otol Rhinol Laryngol** 1985 Mar-Apr;94(2 Pt 1):129-32

[Extra-salivary sialomas] Cerný L, et al. **Cesk Otolaryngol** 1985 Jan;34(1):43-7 (Eng. Abstr.) **(Cze)**

ANALYSIS

Minor salivary gland tumors. A histologic and immunohistochemical study. Regezi JA, et al. **Cancer** 1985 Jan 1;55(1):108-15

Search for specific markers of neoplastic epithelial duct and myoepithelial cell lines established from human salivary gland and characterization of their growth in vitro. Sato M, et al. **Cancer** 1984 Dec 15;54(12):2959-67

Intermediate-sized filaments and specific markers in a human salivary gland adenocarcinoma cell line and its nude mouse tumors. Sato M, et al. **Cancer Res** 1985 Aug;45(8):3878-90

Immunohistochemical demonstration of S-100 protein in salivary gland neoplasms. Crocker J, et al. **J Pathol** 1985 Jun;146(2):115-21

Immunohistochemical distribution of S-100 protein and glial fibrillary acidic protein in normal and neoplastic salivary glands. Nakazato Y, et al. **Virchows Arch [A]** 1985; 405(3):299-310

CLASSIFICATION

Tumors of the salivary glands: clinical analysis of 68 cases. Langdon JD. **J Oral Maxillofac Surg** 1985 Sep;43(9):688-92

DIAGNOSIS

Hemangioendothelioma of the lymph node: a case report. Goldstein J, et al. **J Surg Oncol** 1985 Apr;28(4):314-7

Oral manifestations of sarcoidosis: report of a case masquerading as a neoplasm. DeLuke DM, et al. **Oral Surg Oral Med Oral Pathol** 1985 Feb;59(2):184-8

The importance of tumor markers in oral pathology. II. Cell membrane and cytoplasmic antigens as tumour markers. Seifert G. **Pathol Res Pract** 1985 May;179(6):625-8

[Extra-parotid localization of pleomorphic adenomas. A review of some data] Lenoir JL, et al. **Acta Stomatol Belg** 1984 Sep;81(2):133-43 (Eng. Abstr.) **(Fre)**

[Salivary gland infarction--a diagnostic case for pathologists and clinicians] Makek MS, et al. **Schweiz Monatsschr Zahnmed** 1985 Feb;95(2):113-23 (Eng. Abstr.) **(Ger)**

[Clinical and histopathological comments on a case of mixed salivary tumor located in a rare site] Ceaușu G, et al. **Rev Chir [Otorinolaringol]** 1985 Jan-Mar;30(1):67-70 (Eng. Abstr.) **(Rum)**

DRUG THERAPY

Supporting evidence for an active treatment program for advanced salivary gland carcinomas. Eisenberger MA. **Cancer Treat Rep** 1985 Mar;69(3):319-21

ENZYMOLOGY

Salivary amylase and isoamylase composition in benign and malignant diseases of salivary gland. A preliminary report. Sirsat AV, et al. **Indian J Cancer** 1984 Sep-Oct; 21(4):119-21

ETIOLOGY

Risk factors for major salivary gland carcinoma. A case-comparison study. Spitz MR, et al. **Cancer** 1984 Nov 1;54(9):1854-9

Salivary gland tumors induced by 32P. Espinal EG, et al. **J Oral Pathol** 1984 Dec;13(6):686-91

Squamous cell carcinoma of the epiglottis in a homosexual man at risk for AIDS [letter] Alhashimi MM, et al. **JAMA** 1985 Apr 26;253(16):2366

IMMUNOLOGY

Immunohistochemical characterization of functional markers in human minor salivary gland tumors. Saito I, et al. **J Oral Pathol** 1984 Oct;13(5):525-34

[Immunohistochemical study of carcinoembryonic antigen (CEA) in minor salivary gland tumors] Sato T. **Kokubyo Gakkai Zasshi** 1984 Jun;51(2):217-37 (Eng. Abstr.) **(Jpn)**

METABOLISM

Lectin probes of glycoconjugates in human salivary gland neoplasms: 2. Daley TD, et al. **J Oral Pathol** 1985 Aug; 14(7):531-8

Histochemical observations of lectin-binding in experimental carcinomas in mouse submandibular glands. Hosaka M, et al. **J Oral Pathol** 1984 Dec;13(6):585-94

Lectin-binding in premalignant lesions during submandibular gland carcinogenesis. Murase N, et al. **J Oral Pathol** 1984 Oct;13(5):505-15

Prolactin binding in minor salivary gland tumors. Abbey LM, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):44-9

Keratin distribution in precancerous stages of experimental carcinogenesis in mouse submandibular glands. Takai Y, et al. **Virchows Arch [Cell Pathol]** 1984;47(2):183-7

MORTALITY

The prognosis of specific types of salivary gland tumors. Hickman RE, et al. **Cancer** 1984 Oct 15;54(8):1620-4

OCCURRENCE

Tumours of the minor (oropharyngeal) salivary glands: a demographic study of 336 cases. Eveson JW, et al. **J Oral Pathol** 1985 Jul;14(6):500-9

Salivary gland tumours. A review of 2410 cases with particular reference to histological types, site, age and sex distribution. Eveson JW, et al. **J Pathol** 1985 May; 146(1):51-8

Tumours of the salivary glands. The Bloemfontein experience. Theron EJ, et al. **S Afr J Surg** 1984 Nov-Dec; 22(4):237-42

PATHOLOGY

Mast cells in the aspiration cytology differential diagnosis of adenolymphoma. Bottles K, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug;29(4):513-5

A comparative study on the immunolocalization of keratin and myosin in salivary gland tumors. Saku T, et al. **Acta Pathol Jpn** 1984 Sep;34(5):1031-40

Terminal duct carcinoma of minor salivary glands. A nonpapillary subtype of polymorphous low-grade adenocarcinoma. Frierson HF Jr, et al. **Am J Clin Pathol** 1985 Jul;84(1):8-14

Carcinoma arising in monomorphic adenoma of the salivary gland. Chen KT. **Am J Otolaryngol** 1985 Jan-Feb; 6(1):39-41

Characterization of two types of crystalloids in pleomorphic adenomas of minor salivary glands. A light-microscopic, electron-microscopic, and histochemical study. Campbell WG Jr, et al. **Am J Pathol** 1985 Feb;118(2):194-202

Histogenesis of benign pleomorphic adenoma (mixed tumor) of the major salivary glands. An ultrastructural and immunohistochemical study. Erlandson RA, et al. **Am J Surg Pathol** 1984 Nov;8(11):803-20

Intranasal dermal analogue tumor (membranous basal cell adenoma). Ultrastructure and immunohistochemistry. Zarbo RJ, et al. **Arch Otolaryngol** 1985 May;111(5):333-7

Myoepithelial cells in salivary gland tumors. An immunohistochemical study. Kahn HJ, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):190-5

Multifocal cystic hygroma: report of case. Kischinovsky D, et al. **ASDC J Dent Child** 1984 Nov-Dec;51(6):444-7

Salivary gland malignancies in children. Baker SR, et al. **Cancer** 1985 Apr 15;55(8):1730-6

Induction of other differentiation stages in neoplastic epithelial duct and myoepithelial cells from the human salivary gland grown in athymic nude mice. Hayashi Y, et al. **Cancer** 1985 Jun 1;55(11):2575-83

Papillary cystadenoma lymphomatous (adenolymphoma) in Nigeria, West Africa. Sawyer DR, et al. **Cent Afr J Med** 1985 Feb;31(2):25-7

A salivary gland lymphoma involving contralateral parotid gland and submaxillary gland with a review of the literature. Tanaka T, et al. **Hiroshima J Med Sci** 1984 Jun; 33(2):113-23

Sialadenoma papilliferum. A case report and review of the literature. Rennie JS, et al. **Int J Oral Surg** 1984 Oct; 13(5):452-4

Salivary gland choristoma of the middle ear. Moore PJ, et al. **Int J Pediatr Otorhinolaryngol** 1984 Oct;8(1):91-5

Sialadenoma papilliferum. Bass KD, et al. **J Oral Maxillofac Surg** 1985 Apr;43(4):302-4

The canalicular adenoma: considerations on differential diagnosis and treatment. Daley TD. **J Oral Maxillofac Surg** 1984 Nov;42(11):728-30

Glycogen-rich adenocarcinoma of a minor salivary gland. Lattanzi DA, et al. **J Oral Maxillofac Surg** 1985 Feb; 43(2):122-4

Plasmacytoid myoepithelioma of a minor salivary gland. Thompson SH, et al. **J Oral Maxillofac Surg** 1985 Apr; 43(4):285-8

Monomorphic adenomatosis of intraoral minor salivary glands--light and ultrastructural study. Chaudhry AP, et al. **J Oral Med** 1984 Oct-Dec;39(4):227-31, 245

Immunocytochemical identification of cell types in pleomorphic adenoma, with particular reference to myoepithelial cells. Palmer RM, et al. **J Pathol** 1985 Jul; 146(3):213-20

Malignant lymphoepithelial lesion of the submandibular gland. Amaral AL, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug;58(2):184-90

Adenomatoid hyperplasia of mucous salivary glands: a case involving the retromolar area. Brannon RB, et al. **Oral Surg Oral Med Oral Pathol** 1985 Aug;60(2):188-90

Salivary epithelial-myoepithelial carcinomas of intercalated ducts: a clinical, electron microscopic, and immunocytochemical study. Luna MA, et al. **Oral Surg Oral Med Oral Pathol** 1985 May;59(5):482-90

Sialadenoma papilliferum. Chan KW, et al. **Pathology** 1985 Jan;17(1):119-22

Tumours of minor oral salivary glands. Carlsöö B, et al. **Proc Finn Dent Soc** 1985;81(1):1-5

[Adenoid cystic carcinoma of the salivary gland: a clinicopathologic study of 225 cases] Cheng J. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Jan;20(1):15-8, 63 (Eng. Abstr.) **(Chi)**

[Clinico-pathologic study of 184 cases of minor salivary gland tumor] Ma DQ, et al. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar;20(2):81-3, 126 (Eng. Abstr.) **(Chi)**

[Growth pattern of salivary mixed tumors--observations on histologic sections of 52 cases of mixed tumor] Yang LJ. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Sep;19(3):163-4 **(Chi)**

[Inflammatory granulation tissue polyp of the submandibular gland] Scheiden R. **Laryngol Rhinol Otol (Stuttg)** 1985 Apr; 64(4):206-8 (Eng. Abstr.) **(Ger)**

[Sialadenoma papilliferum] Makek MS, et al. **Schweiz Monatsschr Zahnmed** 1985 Jun;95(6):477-81 (Eng. Abstr.) **(Ger)**

[Neurofibroma of the submandibular gland complicated by iatrogenic transient central facial nerve paralysis] Prandota J, et al. **Pol Tyg Lek** 1985 Apr 8-15;40(14-15):425-6 (Eng. Abstr.) **(Pol)**

PHYSIOPATHOLOGY

Sex hormone involvement in the development of experimental virally induced murine salivary gland tumors. Lamey PJ, et al. **J Oral Pathol** 1985 May;14(5):414-21

RADIOGRAPHY

High-resolution computed tomography of the major salivary glands: current status. Saluk PH, et al. **J Comput Tomogr** 1985 Jan;9(1):39-50

[Sialography. Value and limitations in salivary tumor pathology] Ben Jaafar M, et al. **Tunis Med** 1983 Jul-Aug; 61(4):287-90 **(Fre)**

[Tomography in the sialographic study of tumor growth in the salivary glands] Riboldi A, et al. **Acta Otorhinolaryngol Ital** 1984 Jul-Aug;4(4):457-67 (Eng. Abstr.) **(Ita)**

[Sialography--salivary gland tumors and para-sialoma (the 5th report)] Yamazaki M, et al. **Rinsho Hoshasen** 1984 Oct; 29(10):1077-83 (Eng. Abstr.) **(Jpn)**

RADIONUCLIDE IMAGING

Salivary adenoid cystic carcinoma. Features of an intra-abdominal metastasis. Fung PC. **Clin Nucl Med** 1985 Jul;10(7):488-90

RADIOTHERAPY

[Extra-abdominal desmoid tumor--report of a case] Tsukiyama I, et al. **Gan No Rinsho** 1984 Oct;30(13):1693-9 (Eng. Abstr.) **(Jpn)**

[Radiotherapy of malignant salivary gland tumors] Vorob'ev Iul, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):12-6 (Eng. Abstr.) **(Rus)**

SECONDARY

Renal cell carcinoma with metastasis to the submandibular and parotid glands. A case report. Smits JG, et al. **J Maxillofac Surg** 1984 Oct;12(5):235-6

Renal carcinoma presenting as a primary submandibular gland tumor. Bedrosian SA, et al. **Oral Surg Oral Med Oral Pathol** 1984 Dec;58(6):699-701

SURGERY

Treatment and prognosis of mucoepidermoid carcinoma in the pediatric age group. Conley J, et al. **Arch Otolaryngol** 1985 May;111(5):322-4

Malignant salivary gland tumors of the base of the tongue. Kessler DJ, et al. **Arch Otolaryngol** 1985 Oct;111(10):664-6

Adenoid cystic carcinoma of major and minor salivary gland origin. Matsuba HM, et al. **Laryngoscope** 1984 Oct; 94(10):1316-8

Submandibular gland tumors. Quinlan TW, et al. **Nebr Med J** 1984 Nov;69(11):364-8

The 'pedicle flap': a technique for complete excision of benign salivary gland tumors of the palate. Sacks HG, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jun;59(6):572-4

[Tumors of the accessory salivary glands] Bourdon C, et al. **Acta Stomatol Belg** 1984 Dec;81(4):257-71 **(Fre)**

THERAPY

Salivary gland tumors [letter] Cohen L. **CA** 1985 Mar-Apr; 35(2):127-8

ULTRASTRUCTURE

Signet ring cell lymphoma in salivary gland. An immunohistochemical and ultrastructural study. Stramignoni A, et al. **Appl Pathol** 1984;2(2):76-84

Ultrastructural investigation of anaplastic salivary gland carcinomas in Eskimos. Sehested M, et al. **Cancer** 1985 Jun 1;55(11):2732-6

Ultrastructural similarities of adenoid cystic carcinoma and pleomorphic adenoma. Orenstein JM, et al. **Histopathology** 1985 Jun;9(6):623-38

Tongue base minor salivary gland tumor: report of a case with mucoepidermoid and acinous cell components. Wetmore SJ, et al. **Otolaryngol Head Neck Surg** 1980 Jul-Aug;88(4):391-6

Pleomorphic adenoma of minor salivary gland [letter] Wills EJ. **Ultrastruct Pathol** 1984;7(1):79

Ultrastructural study of glycogen-rich oxyphilic adenoma of the nasopharyngeal minor salivary gland. Yaku Y, et al. **Virchows Arch [A]** 1985;407(2):151-8

VETERINARY

A case of a highly invasive carcinoma of a salivary gland in a crossbred dog. Louw GJ, et al. **J S Afr Vet Assoc** 1984 Sep;55(3):131-2

A cell line from pleomorphic adenoma of the rat salivary gland. Okada M, et al. **Jikken Dobutsu** 1985 Jan;34(1):67-71

SALIVARY GLAND TUMOR, MIXED see **MIXED SALIVARY GLAND TUMOR**

SALIVARY GLAND VIRUS DISEASE see **CYTOMEGALIC INCLUSION DISEASE**

SALIVARY GLAND VIRUSES see **CYTOMEGALOVIRUSES**

SALIVARY GLANDS

Tumours of the minor (oropharyngeal) salivary glands: a demographic study of 336 cases. Eveson JW, et al. **J Oral Pathol** 1985 Jul;14(6):500-9

[Extra-salivary sialomas] Cerný L, et al. **Cesk Otolaryngol** 1985 Jan;34(1):43-7 (Eng. Abstr.) **(Cze)**

[Stafne's lacuna, a salivary inclusion in the mandible. Apropos of a case] Bourjat P, et al. **J Radiol** 1985 Jan;66(1):71-3 (Eng. Abstr.) **(Fre)**

[Clinical and histopathological comments on a case of mixed salivary tumor located in a rare site] Ceaușu G, et al. **Rev Chir [Otorinolaringol]** 1985 Jan-Mar;30(1):67-70 (Eng. Abstr.) **(Rum)**

ABNORMALITIES

[Abnormalities of the salivary glands from the clinical viewpoint] Chilla R. **HNO** 1985 Feb;33(2):70-4 (Eng. Abstr.) **(Ger)**

ANALYSIS

Immunohistochemical and ultrastructural demonstration of keratin in epi-myoepithelial islands of autoimmune sialadenitis in man. Saku T, et al. **Arch Oral Biol** 1984; 29(9):687-9

Nerve growth factor in three neurologically deficient mouse mutants. Ebendal T, et al. **Neurosci Lett** 1984 Sep 7; 50(1-3):121-6

Vasoactive intestinal peptide and substance P in salivary glands of the rat following denervation or duct ligation. Ekström J, et al. **Regul Pept** 1984 Dec;10(1):1-10

Immunohistochemical distribution of S-100 protein and glial fibrillary acidic protein in normal and neoplastic salivary glands. Nakazato Y, et al. **Virchows Arch [A]** 1985; 405(3):299-310

ANATOMY & HISTOLOGY

Zygomatic salivary glands in Japanese serows, Capricornis crispus. Tsuchimoto N, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):593-6

BLOOD SUPPLY

Relationship between nailfold capillary microscopy and salivary capillary basement membrane width in Raynaud's disease and progressive systemic sclerosis. DeBure C, et al. **J Rheumatol** 1985 Apr;12(2):279-82

[Mechanism of the development of functional hyperemia in the palatal salivary glands of the rat] Kostilenko IuP. **Arkh Anat Gistol Embriol** 1984 Oct;87(10):60-3 (Eng. Abstr.) **(Rus)**

CYTOLOGY

Myoepithelial cells in salivary gland tumors. An immunohistochemical study. Kahn HJ, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):190-5

Structural and histochemical changes in the salivary glands of Rhipicephalus appendiculatus during feeding. Walker AR, et al. **Int J Parasitol** 1985 Feb;15(1):81-100

Calcium-dependent action potentials in leech giant salivary cells. Marshall CG, et al. **J Exp Biol** 1984 Nov;113:367-80

Salivary gland lymphocytes in primary Sjogren's syndrome lack lymphocyte subsets defined by Leu-7 and Leu-11 antigens. Fox RI, et al. **J Immunol** 1985 Jul;135(1):207-14

Light microscope based analysis of three-dimensional structure: applications to the study of Drosophila salivary gland nuclei. I. Data collection and analysis. Mathog D, et al. **J Microsc** 1985 Mar;137 (Pt 3):241-52

Light microscope based analysis of three-dimensional structure: applications to the study of Drosophila salivary gland nuclei. II. Algorithms for model analysis. Mathog D. **J Microsc** 1985 Mar;137 (Pt 3):253-73

Novel preparation for studying excitation-secretion coupling in the isolated single cell. Jones PG, et al. **Nature** 1985 Jun 20-26;315(6021):679-80

Characterization of cells in salivary gland lesions by immunohistochemical identification of carcinoembryonic antigens. Tsukitani K, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jun;59(6):595-9

DRUG EFFECTS

Changes in fast green-histone amounts with NaCl and HCl treatments in the salivary glands of Bradysia spatitergum. Mello ML, et al. **Cell Mol Biol** 1985;31(1):17-25

Isoprenaline-induced cell proliferation in mouse salivary glands: the effect of castration. Hully JR, et al. **Virchows Arch [Cell Pathol]** 1984;47(2):95-105

[Effect of T-lymphocytes on the cellular proliferation of the salivary glands in rats and mice exposed to isoproterenol] Dontsov VI. **Biull Eksp Biol Med** 1985 Jul;100(7):65-8 (Eng. Abstr.) **(Rus)**

EMBRYOLOGY

Sulfated glycosaminoglycan deposition and processing at the basal epithelial surface in branching and beta-D-xyloside-inhibited embryonic salivary glands. Spooner BS, et al. **Dev Biol** 1985 May;109(1):177-83

ENZYMOLOGY

Influence of seasons on circadian rhythm of acid phosphatase and beta-acetyl-glucosaminidase activity in the mouse salivary gland and liver. Litynska A. **Acta Physiol Hung** 1985;65(4):389-97

Tissue-specific control of glandular kallikreins. van Leeuwen BH, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F760-4

Salivary apyrase of Aedes aegypti: characterization and secretory fate. Ribeiro JM, et al. **Comp Biochem Physiol [B]** 1984;79(1):81-6

Relationship of the human salivary peroxidase system to oral health. Tenovuo J, et al. **J Oral Pathol** 1984 Dec;13(6):573-84

Salivary phosphohexoseisomerase activity in health and salivary gland diseases. Maier H, et al. **ORL J Otorhinolaryngol Relat Spec** 1984;46(5):257-63

A 78-kilobase region of mouse chromosome 3 contains salivary and pancreatic amylase genes and a pseudogene. Wiebauer K, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5446-9

[Comparative histochemical studies of the localization of esteroproteases and enzymes with kallikrein-like activity in the salivary glands of rats and monkeys] Arnold WH. **Acta Histochem [Suppl] (Jena)** 1985;31:211-9 **(Ger)**

[Age-related changes in ATPase activity from rat salivary glands] Peshkova LV, et al. **Ukr Biokhim Zh** 1984 Sep-Oct;56(5):551-5 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Morphological studies on the lingual gland of Onychodactylus japonicus. I. Morphological observation of the 60th stage. Sato I, et al. **Okajimas Folia Anat Jpn** 1984 Aug;61(2-3):83-95

Morphological studies on the lingual gland of Onychodactylus japonicus. II. Morphological observation of the 70th stage. Sato I, et al. **Okajimas Folia Anat Jpn** 1984 Aug;61(2-3):97-111

IMMUNOLOGY

T6 antigen-positive cells in human labial salivary glands. Matthews JB, et al. **Arch Oral Biol** 1985;30(4):325-9

Presence of intracytoplasmic IgG in the lymphocytic infiltrates of the minor salivary glands of patients with primary Sjögren's syndrome. Lane HC, et al. **Clin Exp Rheumatol** 1983 Jul-Sep;1(3):237-9

Characterization of the phenotype and function of lymphocytes infiltrating the salivary gland in patients with primary Sjogren syndrome. Fox RI, et al. **Diagn Immunol** 1983;1(3):233-9

Immunoglobulin-containing cells in normal human labial salivary glands. Matthews JB, et al. **Int Arch Allergy Appl Immunol** 1985;77(3):374-6

Monoclonal antibodies against rat saliva and salivary gland antigens. Barka T, et al. **J Histochem Cytochem** 1985 Mar;33(3):209-18

Immunohistochemical characterization of functional markers in human minor salivary gland tumors. Saito I, et al. **J Oral Pathol** 1984 Oct;13(5):525-34

The oral immune system under normal and pathological conditions. Brandtzaeg P. **Pathol Res Pract** 1985 May;179(6):619-21

[Distribution pattern of the cellular oral immune system in the major and minor salivary glands. Immunocytochemical findings] Beckenkamp G. **HNO** 1985 May;33(5):196-203 (Eng. Abstr.) **(Ger)**

[Immunohistochemical study of carcinoembryonic antigen (CEA) in minor salivary gland tumors] Sato T. **Kokubyo Gakkai Zasshi** 1984 Jun;51(2):217-37 (Eng. Abstr.) **(Jpn)**

[Immunohistological studies on T lymphocyte subsets of the salivary glands in Sjögren's syndrome] Takaya M, et al. **Ryumachi** 1984 Aug;24(4):250-5 (Eng. Abstr.) **(Jpn)**

INJURIES

Amylase isoenzymes in the evaluation of trauma patients. Greenlee T, et al. **Am Surg** 1984 Dec;50(12):637-40

INNERVATION

Vasoactive intestinal peptide which coexists with acetylcholine decreases acetylcholine turnover in mouse salivary glands. Eva C, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):670-4

Supersalivation [letter] **JAMA** 1985 May 17;253(19):2831-2

Parasympathetic neurons of salivary gland ganglia in the fetal and postnatal rat are substance P-like immunoreactive. Ayer-Le Lievre C, et al. **Neurosci Lett** 1984 Oct 12;51(2):287-92

METABOLISM

Lead flux through the kidney and salivary glands of rats. Craan AG, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F773-83

Normal handling of phosphate in the salivary glands of X-linked hypophosphataemic mice. Delzer PR, et al. **Arch Oral Biol** 1984;29(12):1009-13

Determination of the partition coefficient of 133xenon between oral tissues and blood in the dog. Kim S, et al. **Arch Oral Biol** 1984;29(9):721-3

Multiple gene action determining a mouse salivary protein phenotype: identification of the structural gene for androgen binding protein (Abp). Dlouhy SR, et al. **Biochem Genet** 1984 Aug;22(7-8):657-67

Localization of transferrin in the labial salivary glands of patients with rheumatoid arthritis. Syrjänen S, et al. **Clin Rheumatol** 1984 Sep;3(3):345-50

Adenosine-3',5'-monophosphate in salivary glands of unfed and feeding female lone star ticks, Amblyomma americanum (L.). Hume ME, et al. **Comp Biochem Physiol [C]** 1984;79(1):47-50

Salivary testosterone concentration and testicular volume in male infants. Cho H, et al. **Endocrinol Jpn** 1985 Feb;32(1):135-40

5-Hydroxytryptamine stimulates inositol phosphate production in a cell-free system from blowfly salivary glands. Evidence for a role of GTP in coupling receptor activation to phosphoinositide breakdown. Litosch I, et al. **J Biol Chem** 1985 May 10;260(9):5464-71

Induction of proline-rich glycoprotein synthesis in mouse salivary glands by isoproterenol and by tannins. Mehansho H, et al. **J Biol Chem** 1985 Apr 10;260(7):4418-23

Electron microprobe analysis of human labial gland secretory granules in cystic fibrosis. Izutsu K, et al. **J Clin Invest** 1985 Jun;75(6):1951-6

Transepithelial transport of nonelectrolytes in the rabbit mandibular salivary gland. Case RM, et al. **J Membr Biol** 1985;84(3):239-48

Lectin probes of glycoconjugates in human salivary glands: I. Tolson ND, et al. **J Oral Pathol** 1985 Aug;14(7):523-30

Prolactin binding in minor salivary gland tumors. Abbey LM, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):44-9

Prolactin binding in normal human minor salivary gland tissue: an immunohistochemical study. Abbey LM, et al. **Oral Surg Oral Med Oral Pathol** 1984 Dec;58(6):682-7

Cell-free synthesis of rat epidermal growth factor-like polypeptide. Majumdar AP, et al. **Res Commun Chem Pathol Pharmacol** 1984 Oct;46(1):103-11

Immunocytochemical and enzymecytochemical studies on the intracellular transport mechanism of secretory immunoglobulin A and lactoferrin in human salivary glands. Nakamura T, et al. **Virchows Arch [A]** 1985;406(3):367-72

[Levels of biogenic amines in the salivary and lacrimal glands in experimental staphylococcal pancreatitis in rats] Mikhailov VV, et al. **Vopr Med Khim** 1984 Jul-Aug;30(4):51-3 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Rabies virus in the salivary glands and nasal mucosa of naturally infected skunks. Charlton KM, et al. **Can J Comp Med** 1984 Jul;48(3):338-9

Histochemical observations on the effect of Quaranfil virus on the salivary glands of Argas (Persicargas) arboreus (Ixodoidea: Argasidae). Sidky HA, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):573-81

Rabies virus in salivary glands of raccoons (Procyon lotor). Winkler WG, et al. **J Wildl Dis** 1985 Jul;21(3):297-8

Retrovirus-like particles in salivary glands, prostate and testes of AIDS patients. Lecatsas G, et al. **Proc Soc Exp Biol Med** 1985 Apr;178(4):653-5

PARASITOLOGY

Inability of Plasmodium knowlesi sporozoites to invade Anopheles freeborni salivary glands. Rosenberg R. **Am J Trop Med Hyg** 1985 Jul;34(4):687-91

A rapid method to select Rhipicephalus appendiculatus salivary glands infected with Theileria parva. Dobbelaere DA, et al. **J Parasitol** 1984 Oct;70(5):828-9

PATHOLOGY

Focal adenomatoid hyperplasia of salivary glands. A differential diagnostic problem in fine needle aspiration biopsy. Aufdemorte TB, et al. **Acta Cytol (Baltimore)** 1985 Jan-Feb;29(1):23-8

Fine needle aspiration biopsy cytology of major salivary glands. Qizilbash AH, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug;29(4):503-12

Langerhans cells in labial minor salivary glands in primary Sjögren's syndrome. Oxholm P, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1985 Mar;93(2):105-7

Characterization of two types of crystalloids in pleomorphic adenomas of minor salivary glands. A light-microscopic, electron-microscopic, and histochemical study. Campbell WG Jr, et al. **Am J Pathol** 1985 Feb;118(2):194-202

Salivary gland components involved in the formation of squamous metaplasia. Dardick I, et al. **Am J Pathol** 1985 Apr;119(1):33-43

Acquired immune deficiency syndrome--related lymphadenopathies presenting in the salivary gland lymph nodes. Ryan JR, et al. **Arch Otolaryngol** 1985 Aug;111(8):554-6

Diagnosis of Sjögren's syndrome [letter] Daniels TE, et al. **Arthritis Rheum** 1985 May;28(5):593-4

Comment on Daniels article (Labial salivary gland biopsy in Sjögren's syndrome) [letter] Eversmeyer WH. **Arthritis Rheum** 1984 Nov;27(11):1320

Study of the ductal epithelial cell component of human labial salivary glands in vitro. Lamey PJ, et al. **J Biol Buccale** 1984 Sep;12(3):191-9

Cheilitis glandularis--a disorder of ductal ectasia. Rada DC, et al. **J Dermatol Surg Oncol** 1985 Apr;11(4):372-5

The canalicular adenoma: considerations on differential diagnosis and treatment. Daley TD. **J Oral Maxillofac Surg** 1984 Nov;42(11):728-30

Glycogen-rich adenocarcinoma of a minor salivary gland. Lattanzi DA, et al. **J Oral Maxillofac Surg** 1985 Feb;43(2):122-4

Plasmacytoid myoepithelioma of a minor salivary gland. Thompson SH, et al. **J Oral Maxillofac Surg** 1985 Apr;43(4):285-8

Monomorphic adenomatosis of intraoral minor salivary glands--light and ultrastructural study. Chaudhry AP, et al. **J Oral Med** 1984 Oct-Dec;39(4):227-31, 245

Necrotizing sialometaplasia of palatal minor salivary glands: a report on 2 cases. Chaudhry AP, et al. **J Oral Med** 1985 Jan-Mar;40(1):2-6

Adenomatoid hyperplasia of mucous salivary glands: a case involving the retromolar area. Brannon RB, et al. **Oral Surg Oral Med Oral Pathol** 1985 Aug;60(2):188-90

Major salivary glands in branchial arch syndromes. Markitziu A, et al. **Oral Surg Oral Med Oral Pathol** 1984 Dec;58(6):672-7

Multiple mucous retention cysts of the oral mucosa. Tal H, et al. **Oral Surg Oral Med Oral Pathol** 1984 Dec;58(6):692-5

Simplified biopsy technique for labial minor salivary glands. Fox PC. **Plast Reconstr Surg** 1985 Apr;75(4):592-3

Tumours of minor oral salivary glands. Carlsöö B, et al. **Proc Finn Dent Soc** 1985;81(1):1-5

Inflammatory cell infiltrate in labial salivary glands of patients with rheumatoid arthritis with special emphasis on tissue mast cells. Syrjänen SM, et al. **Scand J Dent Res** 1984 Dec;92(6):557-63

PHYSIOLOGY

Effect of pregestational sialoadenectomy of nursing mothers on eyelid opening of pups. Okamoto S, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):R285-9

Leech salivary gland extract from Haementeria officinalis, a potent inhibitor of cyclophosphamide- and radiation-induced artificial metastasis enhancement. Gasic GJ, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5670-6

Structure and activity of salivary gland chromosomes of Drosophila gibberosa. Roberts PA, et al. **Chromosoma** 1985;92(1):55-68

Permeability properties of cell-to-cell channels: kinetics of fluorescent tracer diffusion through a cell junction. Zimmerman AL, et al. **J Membr Biol** 1985;84(3):269-83

[Salivary function in aged male] Zhang ZN. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Jun;19(2):94-6

(Chi)

[Effect of the salivary glands on gastric secretion] L'vov IF, et al. **Fiziol Zh** 1985 Jan-Feb;31(1):48-53 (Eng. Abstr.) (Rus)

RADIATION EFFECTS

Quantitative dose-response analysis of salivary function following radiotherapy using sequential RI-sialography. Tsujii H. **Int J Radiat Oncol Biol Phys** 1985 Sep; 11(9):1603-12

Effects of gamma-ray irradiation on superoxide dismutase activity and lipid peroxide level in mouse salivary glands. Akita S, et al. **J Appl Biochem** 1984 Feb-Apr;6(1-2):64-9

[Increased salivary gland uptake of 67Ga-citrate--effect of radiotherapy] Sui O, et al. **Kaku Igaku** 1985 Feb; 22(2):269-73 (Jpn)

RADIONUCLIDE IMAGING

Salivary scanning in rheumatoid arthritis [letter] **Ann Rheum Dis** 1985 Jan;44(1):71-2

Stimulated salivary clearance of technetium-99m pertechnetate. Blue PW, et al. **J Nucl Med** 1985 Mar; 26(3):308-11

[Scintigraphy of the salivary glands] Ajdinović B, et al. **Vojnosanit Pregl** 1984 Nov-Dec;41(6):480-3 (Scr)

SECRETION

Partial chemical characterization and biological activities of sulphated glycoproteins isolated from in-vivo pilocarpine-stimulated secretions of rat minor salivary glands. Green DR, et al. **Arch Oral Biol** 1984;29(11):859-63

Secretion of saliva by human lip mucous glands and parotid glands in response to gustatory stimuli and chewing. Speirs RL. **Arch Oral Biol** 1984;29(11):945-8

The effects of oxymetazoline on secretion of protein and some electrolytes by rat submandibular and parotid glands. Abe K, et al. **Comp Biochem Physiol [C]** 1985;80(2):347-53

Mouse salivary glands secrete a glucagon-degrading enzyme, not glucagon. Baldissera FG, et al. **Endocrinology** 1985 Jul; 117(1):84-7

Larval salivary gland secretion proteins in Drosophila. Identification and characterization of the Sgs-5 structural gene. Guild GM, et al. **J Mol Biol** 1984 Nov 5; 179(3):289-314

The rate-determining step in cAMP-mediated exocytosis in the rat parotid and submandibular glands appears to involve analogous 26-kDa integral membrane phosphoproteins. Quissell DO, et al. **Proc Natl Acad Sci USA** 1985 May; 82(10):3237-41

Effect of xylitol-, sucrose-, and water-rinses on the composition of human palatine gland secretions. Mäkinen KK, et al. **Scand J Dent Res** 1985 Jun;93(3):253-61

SURGERY

Adenoid cystic carcinoma of major and minor salivary gland origin. Matsuba HM, et al. **Laryngoscope** 1984 Oct; 94(10):1316-8

Drooling [letter] Brody GS. **Plast Reconstr Surg** 1985 Jun; 75(6):929

ULTRASTRUCTURE

Ultrastructural localization of fibronectin in duct cells of human minor salivary glands and its immunochemical detection in minor salivary gland secretion. Linde A, et al. **Arch Oral Biol** 1984;29(11):921-5

Architecture of associations of minor salivary gland ducts and lymphoid follicles in Macaca fascicularis. An ultrastructural study. Nair PN, et al. **Cell Tissue Res** 1985; 240(1):223-32

Remodelling of the basement membrane: morphogenesis and maturation. Bernfield M, et al. **Ciba Found Symp** 1984; 108:179-96

Computer map of salivary gland chromosomes in Drosophila hydei. Reiling H, et al. **Eur J Cell Biol** 1984 Jul;34(2):336-8

Laser scanning microscopy of surface spread polytene chromosomes. Kalisch WE, et al. **J Microsc** 1985 Feb;137 (Pt 2):217-24

[Ultracytochemical studies on the filaments of myoepithelial cell in the human salivary gland] Yoshihara T. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Jun;87(6):714-20 (Eng. Abstr.) (Jpn)

[DNA reduplication cycle during chromosome polytenization in the salivary gland cells of Chironomus thummi larvae. III. The determination of the duration of the DNA synthesis period] Gundrina LI, et al. **Tsitologiia** 1984 Aug;26(8):927-35 (Eng. Abstr.) (Rus)

SALIVARY GLANDS, MINOR see under **SALIVARY GLANDS**

SALIVARY PROTEINS

Partial chemical characterization and biological activities of sulphated glycoproteins isolated from in-vivo pilocarpine-stimulated secretions of rat minor salivary glands. Green DR, et al. **Arch Oral Biol** 1984;29(11):859-63

Adsorption of human salivary mucins to hydroxyapatite. Tabak LA, et al. **Arch Oral Biol** 1985;30(5):423-7

ANALYSIS

The adsorption of human salivary components to strains of the bacterium Streptococcus mutans. Douglas CW, et al. **Arch Oral Biol** 1984;29(10):751-7

Immunochemical study and acinar localization of AM1, a murine submandibular glycoprotein with esterolytic activity. Nieuw Amerongen AV, et al. **Biochim Biophys Acta** 1984 Sep 28;801(2):277-84

Metachromatic staining patterns of basic proline-rich proteins from rat and human saliva in sodium dodecyl sulfate-polyacrylamide gels. Humphreys-Beher MG, et al. **J Appl Biochem** 1984 Oct-Dec;6(5-6):353-60

Oligosaccharide structures of the low-molecular-weight salivary mucin from a normal individual and one with cystic fibrosis. Reddy MS, et al. **J Dent Res** 1985 Jan; 64(1):33-6

Characterization of tick antigens inducing host immune resistance. I. Immunization of guinea pigs with Amblyomma americanum-derived salivary gland extracts and identification of an important salivary gland protein antigen with guinea pig anti-tick antibodies. Brown SJ, et al. **J Immunol** 1984 Dec;133(6):3319-25

Hexose to protein ratio changes in rat submandibular-sublingual glands following cobalt 60 irradiation. Wood N, et al. **J Oral Med** 1982 Oct-Dec; 37(4):121-3

Parotid saliva agglutinins for sheep erythrocytes as a measure of ongoing inflammation in periodontal disease. Suber JF, et al. **J Periodontol** 1984 Sep;55(9):512-5

[A study on salivary peptide P-C with special reference to intracellular localization of salivary peptide P-C like immunoreactivity in the human pancreatic B-cells] Ito S, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Sep 20; 60(9):1080-90 (Eng. Abstr.) (Jpn)

GENETICS

Human salivary proline-rich protein genes on chromosome 12. Azen EA, et al. **Am J Hum Genet** 1985 Mar; 37(2):418-24

Genetic polymorphisms of Pe and Po salivary proteins with probable linkage of their genes to the salivary protein gene complex (SPC). Azen EA, et al. **Biochem Genet** 1984 Dec; 22(11-12):1065-80

Description of a genetic polymorphism of a human proline-rich salivary protein, Pc, and its relationship to other proteins in the salivary protein complex (SPC). Karn RC, et al. **Biochem Genet** 1985 Feb;23(1-2):37-51

Inheritance of the human salivary proline-rich proteins: a reinterpretation in terms of six loci forming two subfamilies. Maeda N. **Biochem Genet** 1985 Jun;23(5-6):455-64

A mouse gene family associated with a major submaxillary-gland glycoprotein. Craig AG, et al. **Biochem J** 1985 Feb 1;225(3):657-63

A trans-acting regulatory product necessary for expression of the Drosophila melanogaster 68C glue gene cluster. Crowley TE, et al. **Cell** 1984 Nov;39(1):149-56

Salivary protein polymorphism in Kenya: evidence for a new AMY1 allele. Pronk JC, et al. **Hum Hered** 1984;34(4):212-6

Differential RNA splicing and post-translational cleavages in the human salivary proline-rich protein gene system. Maeda N, et al. **J Biol Chem** 1985 Sep 15;260(20):11123-30

Larval salivary gland secretion proteins in Drosophila. Identification and characterization of the Sgs-5 structural gene. Guild GM, et al. **J Mol Biol** 1984 Nov 5; 179(3):289-314

Structural implications of primary sequences from a family of Balbiani ring-encoded proteins in Chironomus. Hamodrakas SJ, et al. **J Mol Evol** 1984;20(3-4):296-303

Adjacent chromosomal regions can evolve at very different rates: evolution of the Drosophila 68C glue gene cluster. Meyerowitz EM, et al. **J Mol Evol** 1984;20(3-4):251-64

Balbiani ring DNA: sequence comparisons and evolutionary history of a family of hierarchically repetitive protein-coding genes. [illegible]ustell J, et al. **J Mol Evol** 1984; 20(3-4):281-95

Conserved and nonconserved structures in the secretory proteins encoded in the Balbiani ring genes of Chironomus tentans. Wieslander L, et al. **J Mol Evol** 1984; 20(3-4):304-12

Molecular cloning of mouse PSP mRNA. Madsen HO, et al. **Nucleic Acids Res** 1985 Jan 11;13(1):1-13

Transformation of salivary gland secretion protein gene Sgs-4 in Drosophila: stage- and tissue-specific regulation, dosage compensation, and position effect. Krumm A, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5055-9

Salivary proline-rich protein genes on chromosome 8 of mouse. Azen EA, et al. **Science** 1984 Nov 23; 226(4677):967-9

IMMUNOLOGY

Immunological relationship between anionic antimicrobial proteins from caries-free individuals and known salivary antimicrobial factors. Obenauf SD, et al. **Infect Immun** 1984 Dec;46(3):797-801

ISOLATION & PURIFICATION

Isolation and amino acid sequence of SAP-1, an acidic protein of human whole saliva, and sequence homology with human gamma-trace. Isemura S, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):489-98

Amino acid sequence of a proline-rich phosphoglycoprotein from parotid secretion of the subhuman primate Macaca fascicularis. Oppenheim FG, et al. **J Biol Chem** 1985 Sep 5;260(19):10671-9

A novel giant secretion polypeptide in Chironomus salivary glands: implications for another Balbiani ring gene. Kao WY, et al. **J Cell Biol** 1985 Sep;101(3):1044-51

A new individual variation of saliva detected with rabbit anti-human saliva serum. Iwasa M, et al. **Tohoku J Exp Med** 1985 Mar;145(3):283-90

METABOLISM

A lipolytic factor from the submaxillary salivary glands of the rat. Zimowska-Modelewska U. **Acta Physiol Pol** 1984 Jan-Feb;35(1):15-22

Steroid binding in human saliva [letter] Shaw MA. **Clin Chem** 1985 Feb;31(2):345-6

Histochemical observations on the effect of Quaranfil virus on the salivary glands of Argas (Persicargas) arboreus (Ixodoidea: Argasidae). Sidky HA, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):573-81

Zinc deficiency-induced changes in rat parotid salivary proteins. Johnson DA, et al. **J Nutr** 1984 Oct; 114(10):1955-64

Lectin probes of glycoconjugates in human salivary gland neoplasms: 2. Daley TD, et al. **J Oral Pathol** 1985 Aug; 14(7):531-8

Lectin probes of glycoconjugates in human salivary glands: 1. Tolson ND, et al. **J Oral Pathol** 1985 Aug;14(7):523-30

The effect of autonomic agonists and nerve stimulation on protein secretion from the rat submandibular gland. Jones CJ, et al. **J Physiol (Lond)** 1985 Jan;358:65-73

[Electrophoresis studies of mixed saliva concentrates in mucoviscidosis] Röhr A, et al. **Padiatr Grenzgeb** 1985; 24(3):193-8 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

Inhibition of apatite crystal growth by the amino-terminal segment of human salivary acidic proline-rich proteins. Aoba T, et al. **Calcif Tissue Int** 1984 Dec;36(6):651-8

Cystatin S: a cysteine proteinase inhibitor of human saliva. Isemura S, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1311-4

SECRETION

The effects of alpha-methylnoradrenaline on protein and electrolyte secretion by rat submandibular and parotid glands. Abe K, et al. **Comp Biochem Physiol [C]** 1984; 78(2):383-9

Effects of the selective beta 2-adrenergic agonists, procaterole and terbutaline, on protein secretion by rat submandibular glands. Abe K, et al. **J Dent Res** 1985 Jun; 64(6):886-90

SALIVATION

see related
SIALORRHEA
XEROSTOMIA

Anticipatory salivary flow to the sight of different foods. Christensen CM, et al. **Appetite** 1984 Dec;5(4):307-15

Trigger activation of the paradoxical salivatory response to atropine in the parasympathetically denervated human parotid gland. Levin SL. **Hum Neurobiol** 1985;4(2):115-21

Effect of atropine on oral clearance of a radiolabeled sulfur colloid. LaForce FM, et al. **J Lab Clin Med** 1984 Nov; 104(5):693-7

Electrical stimulation of the salivatory nucleus in the rat. Donaldson J, et al. **J Physiol (Lond)** 1984 Nov;356:1-7

DRUG EFFECTS

Chronic anethole trithione treatment enhances the salivary secretion and increases the muscarinic acetylcholine receptors in the rat submaxillary gland. Ukai Y, et al. **Arch Int Pharmacodyn Ther** 1984 Oct;271(2):206-12

Effect of a novel tachykinin, substance K, on salivation in rats. Takano Y, et al. **Eur J Pharmacol** 1985 May 20; 111(3):381-3

Biochemical characteristics and protein composition of murine saliva evoked in vivo by receptor-selective agonists. Nieuw Amerongen AV, et al. **J Biol Buccale** 1985 Jun;13(2):167-78

Effect of methantheline bromide and clonidine hydrochloride on salivary secretion. Wilson EL Jr, et al. **J Prosthet Dent** 1984 Nov;52(5):663-5

Effects of guanabenz and guanfacine on postsynaptic alpha 2-adrenoceptors in the rat submaxillary and parotid glands. Kaniucki MD, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 May; 329(3):289-92

Clonidine inhibits salivary secretion by activation of postsynaptic alpha 2-receptors. Kaniucki MD, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Jul; 326(4):313-6

You better look behind the ears. Gonzalez JJ. **NC Med J** 1984 Oct;45(10):649

Substance P administration to neonatal rats increases adult sensitivity to substance P. Handelmann GE, et al. **Physiol Behav** 1984 Aug;33(2):297-300

Serotonergic potentiation of muscarinic agonist evoked tremor and salivation in rat and mouse. Ogren SO, et al.

Psychopharmacology (Berlin) 1985;86(3):258-64

[Effects of haloperidol, chlorpromazine, metoclopramide and ascorbic acid on adrenergic salivation and lacrimation in mice at an ambient temperature of 30 degrees C] Li BH, et al. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar;6(1):24-6 (Eng. Abstr.) **(Chi)**

SALK VACCINE see **POLIOVIRUS VACCINE**

SALMEFAMOL see under **ETHANOLAMINES**

SALMINE see under **PROTAMINES**

SALMON

Separating starvation losses from other early feeding fry mortality in steelhead trout Salmo gairdneri, chinook salmon Oncorhynchus tshawytscha, and lake trout Salvelinus namaycush. Skea JC, et al. **Bull Environ Contam Toxicol** 1985 Jul;35(1):82-91

Fish cell lines: establishment and characterization of nine cell lines from salmonids. Lannan CN, et al. **In Vitro** 1984 Sep;20(9):671-6

Toxicological response and its reversibility in rats fed Lake Ontario or Pacific coho salmon for 13 weeks. Chu I, et al. **J Environ Sci Health [B]** 1984 Nov-Dec;19(8-9):713-31

First record of viral erythrocytic necrosis and Ceratomyxa shasta Noble, 1950 (Myxozoa: Myxosporea) in feral pink salmon (Oncorhynchus gorbuscha Walbaum). Bell GR, et al. **J Wildl Dis** 1985 Apr;21(2):169-71

Infection of Exophiala salmonis in Atlantic salmon (Salmo salar L.). Otis EJ, et al. **J Wildl Dis** 1985 Jan;21(1):61-4

Papillomatous lesions in wild juvenile Atlantic salmon, Salmo salar L., in New Brunswick, Canada. Rand TG. **J Wildl Dis** 1985 Jul;21(3):324-6

Plasma essential fatty acids in pure and mixed race American Indians on and off a diet exceptionally rich in salmon. Bates C, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):77-84

ANATOMY & HISTOLOGY

Study on the jaw-closing muscle, Adductor mandibulae, of the salmon, Oncorhynchus masou. 1. Fiber types. Maeda N, et al. **Anat Anz** 1984;157(2):159-66

Efferents from the supracommissural ventral telencephalon in the hime salmon (landlocked red salmon, Oncorhynchus nerka): an anterograde degeneration study. Shiga T, et al. **Brain Res Bull** 1985 Jan;14(1):55-61

Ultrastructural and histochemical observations regarding the ovarian follicles of the amago salmon (Oncorhynchus rhodurus). Kagawa H. **Sangyo Ika Daigaku Zasshi** 1985 Mar 1;7(1):27-35

BLOOD

Plasma cortisol and sex steroid levels in Great Lakes coho salmon (Oncorhynchus kisutch Walbaum) in relation to fecundity and egg survival. Morrison PF, et al. **Comp Biochem Physiol [A]** 1985;80(1):61-8

Plasma vitellogenin in landlocked Atlantic salmon (Salmo salar Ouananiche): isolation, homologous radioimmunoassay and immunological cross-reactivity with vitellogenin from other teleosts. So YP, et al. **Comp Biochem Physiol [B]** 1985;81(1):63-71

Plasma cortisol concentrations in Atlantic salmon, Salmo salar: episodic variations, diurnal change, and short term response to adrenocorticotrophic hormone. Nichols DJ, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):169-76

GENETICS

Chromosome banding in salmonid fish: nucleolar organizer regions in Salmo and Salvelinus. Phillips R, et al. **Can J Genet Cytol** 1985 Aug;27(4):433-40

Chromosome relationships in the genus Salmo. Hartley SE, et al. **Chromosoma** 1984;90(3):229-37

DNA homologies between the rainbow trout, chum salmon and coho salmon. Thorgaard GH, et al. **Comp Biochem Physiol [B]** 1985;81(1):81-5

Heterozygosity and morphological variability of chum salmon (Oncorhynchus keta) in southern British Columbia. Beacham TD, et al. **Heredity (Edinburgh)** 1985 Jun;54 (Pt 3):313-22

GROWTH & DEVELOPMENT

Changes in the hemoglobin system of the coho salmon Oncorhynchus kisutch during smoltification and triiodothyronine and propylthiouracil treatment. Sullivan CV, et al. **Comp Biochem Physiol [A]** 1985;81(4):807-13

Determination of the energetic cost of swimming from the analysis of growth rate and body composition in juvenile chinook salmon, Oncorhynchus tshawytscha. White JR, et al. **Comp Biochem Physiol [A]** 1985;81(1):25-33

IMMUNOLOGY

Attachment and phagocytosis by salmon macrophages of agarose beads coated with human C3b and C3bi. Johnson E, et al. **Dev Comp Immunol** 1984 Summer;8(3):623-30

METABOLISM

Effect of Aroclor 1254 on the biological fate of 2,6-dimethylnaphthalene in coho salmon (Oncorhynchus kisutch). Collier TK, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):114-20

Uptake of cadmium by eggs and alevins of Atlantic salmon (Salmo salar) as influenced by acidic conditions. Peterson RH, et al. **Bull Environ Contam Toxicol** 1985 Mar;34(3):359-68

The effect of insulin on amino acid metabolism and glycogen content in isolated liver cells of juvenile coho salmon, Oncorhynchus kisutch. Plisetskaya E, et al. **Comp Biochem Physiol [A]** 1984;78(4):773-8

Hepatic aryl hydrocarbon hydroxylase activities in coho salmon (Oncorhynchus kisutch) exposed to petroleum hydrocarbons. Collodi P, et al. **Comp Biochem Physiol [C]** 1984;79(2):337-41

Identification of maturation-inducing steroid in a teleost, the amago salmon (Oncorhynchus rhodurus). Nagahama Y, et al. **Dev Biol** 1985 Jun;109(2):428-35

The effects of estradiol and triiodothyronine on protein synthesis by hepatocytes of juvenile coho salmon (Oncorhynchus kisutch). Bhattacharya S, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):103-9

Development and validation of a salmon prolactin radioimmunoassay. Hirano T, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):266-76

Hepatic estrogen receptors and plasma estrogen-binding activity in the Atlantic salmon. Lazier CB, et al. **Gen Comp Endocrinol** 1985 Feb;57(2):234-45

Immunocytochemical identification of the proopiocortin-producing cells in the chum salmon pituitary with antisera to endorphin and NH2-terminal peptide of salmon proopiocortin. Naito N, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):185-92

Immunoelectron microscopic localization of growth hormone in the pituitary glands of two teleosts, tilapia (Sarotherodon mossambicus) and amago salmon (Oncorhynchus rhodurus). Ueda H, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):149-54

[Homologous radioimmunoassay of a hypothalamic factor stimulating salmon pituitary gonodatropic function (sGnRH)] Breton B, et al. **C R Acad Sci [III]** 1984;299(9):383-8 **(Fre)**

MICROBIOLOGY

[Sanitary-microbiological studies of salmon and water in Kamchatka fishing areas] Grigor'ev IuI, et al. **Gig Sanit** 1985 Feb;(2):65-7 **(Rus)**

PHYSIOLOGY

Cortisol dynamics during seawater adaptation of Atlantic salmon Salmo salar. Nichols DJ, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):R651-9

Changes in carbonic anhydrase activity in coho salmon smolts resulting from physical training and transfer into seawater. Zbanyszek R, et al. **Comp Biochem Physiol [A]** 1984;79(2):229-33

Monovalent plasma ion regulation in the hypophysectomized Atlantic salmon. Komourdjian MP. **Gen Comp Endocrinol** 1984 Nov;56(2):278-82

Effects of L-thyroxine and ovine growth hormone on smoltification of amago salmon (Oncorhynchus rhodurus). Miwa S, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):436-42

Cortisol and its effects on plasma thyroid hormone and electrolyte concentrations in fresh water and during seawater acclimation in yearling coho salmon, Oncorhynchus kisutch. Redding JM, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):146-55

Involvement of gonadotrophin and steroid hormones in spermiation in the amago salmon, Oncorhynchus rhodurus, and goldfish, Carassius auratus. Ueda H, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):24-30

Failure of antibody to carbohydrate-rich gonadotropin to inhibit rapid ovarian growth in landlocked Atlantic salmon. Wiegand MD, et al. **Gen Comp Endocrinol** 1984 Aug;55(2):260-8

The course of steroid release by intact ovarian follicles of Atlantic salmon (Salmo salar) incubated in vitro with and without gonadotrophin. Zhao WX, et al. **Gen Comp Endocrinol** 1985 Feb;57(2):274-80

Telencephalic and preoptic areas integrate sexual behavior in hime salmon (landlocked red salmon, Oncorhynchus nerka): results of electrical brain stimulation experiments. Satou M, et al. **Physiol Behav** 1984 Sep;33(3):441-7

Characterization of coho salmon (Oncorhynchus kisutch) insulin. Plisetskaya E, et al. **Regul Pept** 1985 Jun;11(2):105-16

SALMONELLA

Stimulation and killing of bovine mononuclear leukocytes by bacterial lipopolysaccharide (endotoxin). Banks KL, et al. **Am J Vet Res** 1985 Jul;46(7):1568-72

Cellular and lipopolysaccharide subunit requirements for the caprine lymphoblastogenic response to endotoxin. Greenlee A, et al. **Am J Vet Res** 1985 Jan;46(1):75-9

Effect of serum from mice treated with lipopolysaccharide on cycling of CFUs in vitro. Molendijk WJ, et al. **Exp Hematol** 1984 Nov;12(10):794-9

Application of the peroxidase-antiperoxidase immunoassay to the identification of Salmonellae from pure culture and animal tissue. McRill CM, et al. **J Clin Microbiol** 1984 Aug;20(2):281-4

Effect of pH on turbidity and ultrastructures of endotoxins extracted from Salmonella minnesota wild type and Re mutant. Amano K, et al. **Microbiol Immunol** 1985;29(1):75-80

Destruction of salmonellae, Escherichia coli, and Staphylococcus aureus inoculated into and onto beef during dry-oven roasting. Shigehisa T, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):251-7

[Effect of bacterial lipopolysaccharide (S. minnesota R 595) on the luminol-dependent chemiluminescence of neutrophilic granulocytes in cord blood] Eschenbach C. **Monatsschr Kinderheilkd** 1985 Mar;133(3):171-4 (Eng. Abstr.) **(Ger)**

[Binding of Salmonella minnesota R 345 (Rb) to human lymphocytes: useful method for enrichment of cells mediating antibody-dependent cytotoxic activity in the non-adherent fraction] Serlenga E, et al. **Recenti Prog Med** 1985 Jan;76(1):6-9 (Eng. Abstr.) **(Ita)**

[Nonenzymatic fibrinolytic reaction to the intravenous administration of small doses of Salmonella endotoxin to rabbits] Esartiia DT, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):416-8 (Eng. Abstr.) **(Rus)**

[Early manifestations of the effect of Salmonella endotoxin on the antioxidizing enzyme systems of the liver and intestines in the rat] Popkova NI, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):525-7 (Eng. Abstr.) **(Rus)**

ANALYSIS

High-molecular-weight components in lipopolysaccharides of Salmonella typhimurium, Salmonella minnesota, and Escherichia coli. Peterson AA, et al. **J Bacteriol** 1985 May;162(2):738-45

Monophosphoryl lipid A obtained from lipopolysaccharides of Salmonella minnesota R595. Purification of the dimethyl derivative by high performance liquid chromatography and complete structural determination. Qureshi N, et al. **J Biol Chem** 1985 May 10;260(9):5271-8

Specific proteins common to Salmonella paratyphi B and C. Barber C. **Microbios** 1985;42(171S):243-9

CLASSIFICATION

Phage-typing scheme of Salmonella bareilly based on lysogeny. Sharma NC, et al. **Antonie Van Leeuwenhoek** 1984;50(3):275-9

Isolates of salmonella and Escherichia coli serotyped at the Salmonella Reference Laboratory in 1982 and 1983 from veterinary and human sources. Murray CJ. **Aust Vet J** 1984 Aug;61(8):273-4

Relationship between serotypes of Salmonellae from hatcheries and rearing farms and those from processed poultry carcases. Lahellec C, et al. **Br Poult Sci** 1985 Apr;26(2):179-86

Evaluation of API SerImm Sure strips for screening and grouping Salmonella isolates. Evins GM, et al. **Diagn Microbiol Infect Dis** 1985 Jan;3(1):19-23

Salmonella from Ethiopia: prevalent species and their susceptibility to drugs. Gebre-Yohannes A. **Ethiop Med J** 1985 Jul;23(3):97-102

A new subtype of Salmonella subgenus II (S. II 11: a: 1, 5) from India. Srivastava L, et al. **Indian J Med Res** 1985 Apr;81:354-6

Evaluation of the API latex conjugate reagent for serological typing of Salmonella and Shigella species. Cleary TJ. **J Clin Microbiol** 1984 Aug;20(2):288-9

An epidemiological study of Salmonella montevideo by biotyping. Reilly WJ, et al. **J Hyg (Lond)** 1985 Aug;95(1):23-8

A new Salmonella serotype isolated from Saudi Arabia. Greenwood JH, et al. **J R Army Med Corps** 1985 Feb;131(1):24

Beta-GUI in the screening of Salmonella genus. Berlutti F, et al. **Nuovi Ann Ig Microbiol** 1983 Jul-Aug;34(4):265-71

Salmonella activity in Milwaukee--a review of the past decade. Dunne WM Jr. **Wis Med J** 1984 Nov;83(11):28-9

[Supplement No. XXVII (1983) to the Kauffmann-White scheme] Le Minor L, et al. **Ann Microbiol (Paris)** 1984 Jul-Aug;135B(1):45-51 (Eng. Abstr.) **(Fre)**

[A new Salmonella serotype isolated in Greece: Salmonella phaliron = 8:z:e,n,z15] Vassiliadis P, et al. **Bull Soc Pathol Exot Filiales** 1985;78(2):150-2 (Eng. Abstr.) **(Fre)**

[Serotypes of Salmonella isolated from animals in Senegal] Doutre MP, et al. **Rev Elev Med Vet Pays Trop** 1984;37(2):123-8 (Eng. Abstr.) **(Fre)**

[Strains of Salmonella and Escherichia coli in various animal species and man in Angola] Savov D. **Rev Elev Med Vet Pays Trop** 1984;37(2):129-32 (Eng. Abstr.) **(Fre)**

[Human salmonellosis in Ille-et-Vilaine in 1983] Avril JL, et al. **Rev Epidemiol Sante Publique** 1984;32(6):360-5 (Eng. Abstr.) **(Fre)**

[Quadrennial report of the National Salmonella Center on the origin and distribution by serotypes of strains isolated in continental France during the years 1980 to 1983] Le Minor L, et al. **Rev Epidemiol Sante Publique** 1985;33(1):13-21 (Eng. Abstr.) **(Fre)**

[Bacteriophage types of Salmonella agona strains isolated from humans in Poland 1972-1982] Tyc Z, et al. **Med Dosw Mikrobiol** 1985;37(1):9-23 (Eng. Abstr.) **(Pol)**

[Antimicrobial biotypes and colicine types: potential epidemiological markers of Salmonella agona] Solari CA, et al. **Mem Inst Oswaldo Cruz** 1984 Oct-Dec;79(4):471-8 (Eng. Abstr.) **(Por)**

[Chemico-enzymatic synthesis of the O-specific polysaccharide of Salmonella serogroup E1] Shibaev VN, et al. **Bioorg Khim** 1983 Apr;9(4):564-6 (Eng. Abstr.) **(Rus)**

[Experience in the development of a rapid system based on serial monoreceptor agglutinating sera] Boĭtsov AG, et al. **Lab Delo** 1984;(7):416-7 (Eng. Abstr.) **(Rus)**

[Salmonella serotypes isolated in Turkey to the end of 1984] Aksoycan N. **Mikrobiyol Bul** 1985 Jul;19(3):168-70 (Eng. Abstr.) **(Tur)**

DRUG EFFECTS

Resistance to chemioantibiotics of Salmonella strains isolated from people employed in food production and distribution in 1982. Gelosa L, et al. **Boll Ist Sieroter Milan** 1984; 63(5):439-46

In vitro susceptibility of Salmonella strains to cefotetan and other cephalosporins. Zamboni C, et al. **Boll Ist Sieroter Milan** 1984 Mar;63(1):37-41

A survey of drug resistance in salmonellae isolated from animals in England and Wales from 1979 to 1981. Sojka WJ, et al. **Br Vet J** 1984 Nov-Dec;140(6):576-91

Antibiotic susceptibilities of Salmonella species isolated at a large animal veterinary medical center: a three year study. Benson CE, et al. **Can J Comp Med** 1985 Apr;49(2):125-8

Comparison of the in vitro activity of ciprofloxacin (Bay o 9867) and norfloxacin against gastrointestinal tract pathogens [letter] Diez-Enciso M, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):367

Emergence of multiple drug resistance among Salmonella species in Jordan [letter] Shebabi AA, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):352-4

Autotransferable sulphamethoxazole & trimethoprim resistance in Salmonella oranienburg strains isolated during epidemics in Delhi & Bombay. Sharma PL, et al. **Indian J Med Res** 1984 Oct;80:396-401

Multiple drug resistance in Salmonellae. Mago ML, et al. **Indian J Med Sci** 1984 Mar;38(3):45-50

Salmonella strains resistant to multiple antibiotics: therapeutic implications. Smith SM, et al. **Pediatr Infect Dis** 1984 Sep-Oct;3(5):455-60 (73 ref.)

Incidence and in vitro acquisition of transferable drug resistance in Salmonella arizonae. Gast RK, et al. **Poult Sci** 1985 May;64(5):882-90

[Antibiotic resistance of Salmonella during 1982 and 1983] Khemiri F, et al. **Arch Inst Pasteur Tunis** 1984 Mar; 61(1):107-21 (Eng. Abstr.) **(Fre)**

[Drug resistance of Salmonella strains] Swiderski M. **Wiad Lek** 1984 Sep 15;37(16):1251-5 (Eng. Abstr.) **(Pol)**

[Sensitivity to antibiotics of Salmonella isolated from children with a gastrointestinal form of salmonellosis] Pozniak SB, et al. **Antibiot Med Biotekhnol** 1985 Mar;30(3):225-8 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Isolation of adenosine 5'-diphosphate-L-glycero-D-mannoheptose, the assumed substrate of heptose transferase(s), from Salmonella minnesota R595 and Shigella sonnei Re mutants. Kocsis B, et al. **J Biol Chem** 1984 Oct 10;259(19):11858-60

Two type I restriction enzymes from Salmonella species. Purification and DNA recognition sequences. Nagaraja V, et al. **J Mol Biol** 1985 Apr 20;182(4):579-87

GENETICS

Common plasmid encoding resistance to ampicillin, chloramphenicol, gentamicin, and trimethoprim-sulfadiazine in two serotypes of Salmonella isolated during an outbreak of equine salmonellosis. Ikeda JS, et al. **Am J Vet Res** 1985 Apr;46(4):769-73

Plasmid-mediated antibiotic resistance and colicinogeny among Salmonellae in Rio de Janeiro, Brazil. Vinhas SA, et al. **An Acad Bras Cienc** 1984 Sep;56(3):319-22

R-plasmid transfer in Salmonella spp. isolated from wastewater and sewage-contaminated surface waters. Alcaide E, et al. **Appl Environ Microbiol** 1984 Aug; 48(2):435-8

Colicin production & coexistence of Col+ plasmid with R-plasmid in Salmonellae. Sharma PL, et al. **Indian J Med Res** 1984 May;79:591-3

Composite IS1 elements encoding hydroxamate-mediated iron uptake in FIme plasmids from epidemic Salmonella spp. Colonna B, et al. **J Bacteriol** 1985 Apr;162(1):307-16

High frequency transduction by phage hybrids between coliphage phi 80 and Salmonella phage P22. Yamamoto N, et al. **J Gen Virol** 1985 Aug;66 (Pt 8):1661-8

The immI region of Salmonella phage P22. 1. Characterisation of the mutants P22 cir4-1, P22 cir5-1 and P22 cir6-1. Prell HH, et al. **MGG** 1984;198(1):105-9

The immI region of Salmonella phage P22. 2. The influence of the cir mutations on the regulation of antirepressor synthesis. Prell HH, et al. **MGG** 1984;198(1):110-5

Selective transduction of recombinant plasmids with cloned pac sites by Salmonella phage P22. Schmidt C, et al. **MGG** 1984;196(1):123-8

pac sites are indispensable for in vivo packaging of DNA by phage P22. Schmieger H. **MGG** 1984;195(1-2):252-5

A hybrid recognition sequence in a recombinant restriction enzyme and the evolution of DNA sequence specificity. Nagaraja V, et al. **Nature** 1985 Jul 25-31;316(6026):371-2

Complete sequence of pSC101. Bernardi A, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9415-26

Genetic recombination can generate altered restriction specificity. Fuller-Pace FV, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6095-9

[R-factor from the natural strain of Salmonella derby carrying a DNA-polymerase gene] Sarkisian NN, et al. **Biokhimiia** 1985 Apr;50(4):673-9 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

The effect of sodium sulphacetamide and sodium mandelate in brilliant green agar on the growth of salmonellas. Jones PW, et al. **J Appl Bacteriol** 1984 Dec;57(3):423-8

[Relation of Salmonella typhi and Salmonella gallinarum auxotrophicity to the ability to grow on Simmons' medium] Dombrovskiĭ AM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):33-6 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Studies of human milk. II. Concentration of antibodies against Salmonella and Shigella in milk of women from different populations and the daily intake by their breast-fed infants. Cruz JR, et al. **Acta Paediatr Scand** 1985 May;74(3):338-41

Vaccination of calves against Salmonella dublin with aromatic-dependent Salmonella typhimurium. Smith BP, et al. **Am J Vet Res** 1984 Sep;45(9):1858-61

Aromatic-dependent Salmonella dublin as a parenteral modified live vaccine for calves. Smith BP, et al. **Am J Vet Res** 1984 Nov;45(11):2231-5

Binding of bacteria in lymphocyte subpopulations: role of lectin-carbohydrate interactions. Teodorescu M. **Biol Cell** 1984;51(2):251-8

The conformation of Salmonella O-antigenic oligosaccharides of serogroups A, B, and D1 inferred from 1H- and 13C-nuclear magnetic resonance spectroscopy. Bock K, et al. **Carbohydr Res** 1984 Jul 15;130:35-53

The conformation of Salmonella O-antigenic polysaccharide chains of serogroups A, B, and D1 predicted by semi-empirical, Hard-Sphere (HSEA) calculations. Bock K, et al. **Carbohydr Res** 1984 Jul 15;130:23-34

Antigenic determinant of Salmonella serogroup B. Synthesis of a trisaccharide glycoside for use as an artificial antigen. Pinto BM, et al. **Carbohydr Res** 1984 Oct 15;133(2):333-8

Interaction of Salmonella telaviv with Maclura pomifera lectin. Allen PZ. **Infect Immun** 1985 Jan;47(1):90-3

Binding activity of a murine anti-lipid A monoclonal antibody. Elkins K, et al. **Infect Immun** 1985 May; 48(2):597-600

Immunoglobulin M and immunoglobulin G responses in BALB/c mice to conjugated outer membrane extracts of four Salmonella serotypes. Kudrna DA, et al. **Infect Immun** 1985 Sep;49(3):598-608

The serological responses of calves to live Salmonella dublin vaccine--a comparison of different serological tests. Wray C, et al. **J Biol Stand** 1984 Jul;12(3):277-82

Investigation by enzyme-linked immunosorbent assay of Salmonella H antigen-antibody reactions. Bettelheim KA, et al. **J Clin Microbiol** 1985 May;21(5):772-4

Cross reactions in PHA test for plague antibodies. Sehgal S, et al. **J Commun Dis** 1984 Dec;16(4):317-9

Immunological relationships between Salmonella flagellins and between these and flagellins from other species of Enterobacteriaceae. Ibrahim GF, et al. **Med Microbiol Immunol (Berl)** 1985;174(2):101-13

Immunological relationships between Salmonella flagella and their potential application for salmonellae detection by immunoassay. Ibrahim GF, et al. **Med Microbiol Immunol (Berl)** 1985;174(2):87-99

Interaction of a streptococcal cell wall tetraheteroglycan and Salmonella telaviv lipopolysaccharide with polymeric McPC 870 and MOPC 384 mouse IgA myeloma proteins. Allen PZ, et al. **Mol Immunol** 1984 Nov;21(11):1131-41

Interaction of high temperature and Salmonella pullorum antigen concentration on serum agglutinin and corticosteroid responses in white rock chickens. Siegel HS, et al. **Poult Sci** 1984 Dec;63(12):2483-91

Agglutinin responses to Salmonella pullorum in Japanese quail selected for plasma cholesterol response to adrenocorticotropin and a model describing the dynamics of the response. Siegel HS, et al. **Poult Sci** 1984 Sep; 63(9):1892-4

Splenic leukocytes from chickens injected with Salmonella pullorum antigen stimulate production of corticosteroids by isolated adrenal cells. Siegel HS, et al. **Proc Soc Exp Biol Med** 1985 Apr;178(4):523-30

Diffusion in gel-enzyme linked immunosorbent assay (DIG-ELISA) to record the immunoglobulin response of calves vaccinated with Salmonella. Johnson EH, et al. **Vet Microbiol** 1984 Dec;10(1):71-86

Humoral antibody responses to experimental and spontaneous Salmonella infections in cattle measured by ELISA. Robertsson JA. **Zentralbl Veterinarmed [B]** 1984 Jun; 31(5):367-80

[Trial, in a contaminated environment, of an attenuated lyophilized vaccine against S. abortus ovis abortion in sheep] Sanchis R, et al. **Ann Rech Vet** 1984;15(3):381-6 (Eng. Abstr.) **(Fre)**

[Protection against experimental Salmonella typhimurium infection in mice. Immunostimulating activity of heterologous Salmonella S-forms, R-mutants, lipopolysaccharides and muramyl dipeptide in vaccines combined with S. typhimurium] Schlecht S. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug; 257(3):414-25 (Eng. Abstr.) **(Ger)**

[Chemico-enzymatic synthesis of Salmonella newington O-specific polysaccharide and its modified derivatives] Druzhinina TN, et al. **Bioorg Khim** 1984 Nov; 10(11):1548-52 (Eng. Abstr.) **(Rus)**

[Specificity of enzymes of biosynthesis of Salmonella anatum O-antigen for polyprenyl derivatives of different chain length and saturation] Kalinchuk NA, et al. **Bioorg Khim** 1985 Feb;11(2):219-26 (Eng. Abstr.) **(Rus)**

[Specificity of the enzymes of Salmonella O-antigen biosynthesis. 6. Synthesis of sugar nucleotides with glycosyl phosphate activation. Analogs of guanosine diphosphate mannose modified at position 6 ofthe purine ring] Shibaev VN, et al. **Bioorg Khim** 1983 May;9(5):684-7 (Eng. Abstr.) **(Rus)**

[Synthesis of moraprenylpyrophosphate disaccharides--precursors of the biosynthesis of Salmonella O-antigenic polysaccharides of C2 and C3 serotypes] Torgov VI, et al. **Bioorg Khim** 1985 Jan;11(1):83-90 (Eng. Abstr.) **(Rus)**

[Effect of the stereochemistry of the alpha-terminal units of polyprenols on the capacity of their phosphates to participate in the biosynthesis of Salmonella O antigen. Research with synthetic and semisynthetic prenols] Veselovskiĭ VV, et al. **Dokl Akad Nauk SSSR** 1985; 280(4):885-7 **(Rus)**

[Antibody avidity indices of the saliva and serum antibodies in salmonellosis patients] Bunin KV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May;(5):69-72 (Eng. Abstr.) **(Rus)**

[Immunochemical characteristics of artificial antigens with Salmonella O-determinants 4 and 9] Pokrovskiĭ VI, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):69-72 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Case-control study of risk factors associated with isolation of Salmonella saintpaul in hospitalized horses. Hird DW, et al. **Am J Epidemiol** 1984 Dec;120(6):852-64

Comparison of rectal mucosal cultures and fecal cultures in detecting Salmonella infection in horses and cattle. Palmer JE, et al. **Am J Vet Res** 1985 Mar;46(3):697-8

Direct immunoassay for detection of salmonellae in foods and feeds. Anderson JM, et al. **Appl Environ Microbiol** 1985 May;49(5):1124-7

Modified agar medium for detecting environmental salmonellae by the most-probable-number method. Hussong D, et al. **Appl Environ Microbiol** 1984 Nov; 48(5):1026-30

Effects of water temperature and salinity on elimination of Salmonella charity and Escherichia coli from Sydney rock oysters (Crassostrea commercialis). Rowse AJ, et al. **Appl Environ Microbiol** 1984 Nov;48(5):1061-3

Prevalence of Salmonella contamination in market-ready geese in Manitoba. Mann ED, et al. **Avian Dis** 1984 Oct-Dec;28(4):978-83

Salmonellae and pollution indicator bacteria in municipal and food processing effluents and the Cornwallis River. Menon AS. **Can J Microbiol** 1985 Jul;31(7):598-603

Isolation of Salmonella bornum (6, 7, 14: Z38) for the first time in India. Choudhary SP, et al. **Indian J Med Sci** 1985 Mar;39(3):45-6

Isolation of S. sundsvall var. 025 negative (1, 6, 14: z, e, n, x) for the first time in India. Sarvmangla Devi JN, et al. **Indian J Med Sci** 1984 Aug;38(8):151-2

S. amager (3,10:y:1,2): a new Salmonella serotype isolated for the first time in India. Oak SD, et al. **Indian J Pathol Microbiol** 1984 Apr;27(2):105-6

Salmonella associated with diarrheal diseases in a pediatric hospital (1979-82). Sobeh FY, et al. **Indian J Pediatr** 1984 Nov-Dec;51(413):643-7

Epidemiologic aspects of salmonellosis in reptiles, amphibians, mollusks and crustaceans--a review. Minette HP. **Int J Zoonoses** 1984 Jun;11(1):95-104 (99 ref.)

A survey of the bacteriological status of fresh and baked pork sausages produced in Ibadan, Nigeria. Oyekole OD, et al. **Int J Zoonoses** 1984 Dec;11(2):127-32

Salmonellosis in a herd of captive elephants. Janssen DL, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1450-1

Collaborative study on the isolation of salmonella from artificially contaminated milk powder. Beckers HJ, et al. **J Appl Bacteriol** 1985 Jul;59(1):35-40

Recovery of Salmonella group B from blood and Salmonella group C2 from feces and serological evidence of dual infection in one patient. Papasian CJ, et al. **J Clin Microbiol** 1984 Sep;20(3):584-5

Isolation of Salmanella soahanina (6, 14, 24 : z: e, n, x) from a case of infantile diarrhoea. Sarvamangala Devi JN, et al. **J Commun Dis** 1984 Jun;16(2):160-1

Prevalence of various Salmonella serotypes in the wild rodents of South India. Srivastava L, et al. **J Commun Dis** 1984 Sep;16(3):219-22

Rapid and automated detection of salmonella by electrical measurements. Easter MC, et al. **J Hyg (Lond)** 1985 Jun; 94(3):245-62

Further observations on the excretion of salmonella in the faeces of calves fed milk substitute. Hinton M, et al. **J Hyg (Lond)** 1984 Dec;93(3):539-46

Salmonellae in sewage sludge and abattoir effluent in south-east Scotland. Linklater KA, et al. **J Hyg (Lond)** 1985 Jun;94(3):301-7

Salmonellas in Danish pigs: a comparison of three isolation methods. Skovgaard N, et al. **J Hyg (Lond)** 1985 Aug; 95(1):69-75

Salmonella isolation with Rappaport-Vassiliadis enrichment medium seeded with different sized inocula of pre-enrichment cultures of meat products and sewage polluted water. Vassiliadis P, et al. **J Hyg (Lond)** 1985 Aug; 95(1):139-47

An enzyme immunoassay for the detection of all Salmonella using a combination of a myeloma protein and a hybridoma antibody. Mattingly JA. **J Immunol Methods** 1984 Oct 12; 73(1):147-56

Frogs as carriers of rare Salmonella serotypes. Rajagopalan D, et al. **J Postgrad Med** 1984 Apr;30(2):85-8

Drug-resistant Salmonella from animals fed antimicrobials [letter] **N Engl J Med** 1984 Dec 27;311(26):1698-700

Isolation of salmonellae from apparently healthy fattening male dairy calves and fattening pigs and stability of plasmids in the isolates. Nakamura M, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):379-84

Salmonella isolated from animals and feed stuffs in Sweden during 1978-1982. Mårtensson L, et al. **Nord Vet Med** 1984 Nov-Dec;36(11):371-93

The frequency of salmonellae on duck eggs. Baker RC, et al. **Poult Sci** 1985 Apr;64(4):646-52

Prevalence of Campylobacter jejuni and Salmonella during pig slaughtering. Oosterom J, et al. **Vet Q** 1985 Jan; 7(1):31-4

Occurrence of Salmonella in a chemical wastewater treatment plant. de Zutter L, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Oct; 179(5):440-8

A modified medium for Salmonella-isolation by the selective motility test. Svastová A, et al. **Zentralbl Veterinarmed [B]** 1984 Jun;31(5):396-9

[Pig carrier of Salmonella] Liu MQ. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Jun; 5(3):164-6 (Eng. Abstr.) **(Chi)**

[The serotype distribution of Salmonella strains in Hangzhou area 1977-1981] Yu WB. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Jun; 5(3):160-3 (Eng. Abstr.) **(Chi)**

[Survey of Salmonella contamination in animal slaughtering and meat and poultry processing in Beijing Union Plants] Xiang L, et al. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1985 Mar;19(2):88-9 (Eng. Abstr.) **(Chi)**

[A survey of the isolation of salmonellae from people in the South Moravian Region from 1977 to 1981] Gaislerová V, et al. **Cesk Epidemiol Mikrobiol Imunol** 1984 Jul; 33(4):216-20 (Eng. Abstr.) **(Cze)**

[The occurrence of salmonellae in wild birds (Passeriformes, Lariformes)] Literák I, et al. **Vet Med (Praha)** 1985 Jun; 30(6):353-8 (Eng. Abstr.) **(Cze)**

[Salmonella fyris in a dog] Teunissen GH, et al. **Tijdschr Diergeneeskd** 1984 Sep 15;109(18):700-2 (Eng. Abstr.) **(Dut)**

[Experimental studies on the fluorescence serological demonstration of salmonellas in feed yeast] Schulz G, et al. **Arch Exp Veterinarmed** 1984 Jul;38(4):565-71 (Eng. Abstr.) **(Ger)**

[Results of long-term studies of salmonella (1977-1983)] Schellner HP. **Berl Munch Tierarztl Wochenschr** 1985 Jan 1;98(1):10-4 (Eng. Abstr.) **(Ger)**

[Microflora from commercial offal with special reference to the incidence of Salmonella] Sinell HJ, et al. **Berl Munch Tierarztl Wochenschr** 1984 Nov 1;97(11):415-8 (Eng. Abstr.) **(Ger)**

[Acute pullorum disease in hawk-headed parrots (Deroptyus accipitrinus fuscifrons)] Ehrsam H. **Schweiz Arch Tierheilkd** 1985 Jun;127(6):397-400 (Eng. Abstr.) **(Ger)**

[Salmonellas in feedstuffs] Pietzsch O, et al. **Zentralbl Veterinarmed [B]** 1984 Jun;31(5):343-57 (Eng. Abstr.) **(Ger)**

[Presence of salmonellae in meat products intended for domestic animals] Strongoli M, et al. **Nuovi Ann Ig Microbiol** 1983 Jan-Feb;34(1):57-61 (Eng. Abstr.) **(Ita)**

[Characteristics of Salmonella strains in turtles in Poland and their production of enterotoxins. I. Characteristics of Salmonella strains isolated from turtles] Peconek J. **Przegl Epidemiol** 1984;38(3):273-88 (Eng. Abstr.) **(Pol)**

[Occurrence of the genus Salmonella in wild animals of the order Edentata in the Amazon Region, north of the state of Pará, Brazil] Brito Loureiro EC. **Rev Latinoam Microbiol** 1985 Jan-Mar;27(1):31-4 (Eng. Abstr.) **(Por)**

[Salmonellae detected in autopsied pigs in Slovakia 1971-1980] Simko S. **Cesk Epidemiol Mikrobiol Imunol** 1985 May;34(3):170-5 (Eng. Abstr.) **(Slo)**

[Bacteriological study of bivalves of the Gulf of Nicoya, Costa Rica. II. State of the mollusk at the time of eating it] Fernández B, et al. **Rev Biol Trop** 1983 Nov;31(2):311-6 (Eng. Abstr.) **(Spa)**

[Chickens as a vehicle for transporting salmonellae in food] Corral Carranceja J, et al. **Rev Sanid Hig Publica (Madr)** 1983 Sep-Oct;57(9-10):943-7 (Eng. Abstr.) **(Spa)**

[Presence of Salmonellas and Shigellas in a school population] Goiriena de Gandarias J, et al. **Rev Sanid Hig Publica (Madr)** 1983 Nov-Dec; 57(11-12):1161-74 (Eng. Abstr.) **(Spa)**

[First isolation of Salmonella haardt and Salmonella ahuza serotypes in humans in Turkey] Tokbaş A, et al. **Mikrobiyol Bul** 1984 Jul;18(3):164 (Eng. Abstr.) **(Tur)**

METABOLISM

Quantitative analysis of lymphocyte-Salmonella interaction and effect of lymphocyte irradiation by Helium-Neon laser. Passarella S, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):546-52

Mutagenic activity of various chemicals in Salmonella strain TA100 and glutathione-deficient derivatives. On the role of glutathione in the detoxification or activation of mutagens inside bacterial cells. Kerklaan PR, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2151-6

Relationship between immune system and gram negative bacteria. I. Spontaneous binding of smooth and rough Salmonella to human peripheral blood lymphocytes. Jirillo E, et al. **Clin Exp Immunol** 1984 Oct;58(1):167-73

The symptomless salmonella excretor working in the food industry. Bush MF. **Community Med** 1985 May;7(2):133-5

Measurement of the rotational behaviour of virus particles during adsorption to the host cell surface. Bayer ME, et al. **FEBS Lett** 1984 Oct 1;175(2):329-32

Biogenesis of the outer membrane of Salmonella. Osborn MJ. **Harvey Lect** 1982-83;78:87-103

Utilization of d-tartaric acid by Salmonella paratyphi B and Salmonella java: comparison of anaerobic plate test, lead acetate test and turbidity test. Barker RM. **J Hyg (Lond)** 1985 Aug;95(1):107-14

PATHOGENICITY

Epidemiology of virulence-associated plasmids and outer membrane protein patterns within seven common Salmonella serotypes. Helmuth R, et al. **Infect Immun** 1985 Apr;48(1):175-82

Salmonella ochiogu: experimental infection of laboratory rats (Rattus rattus). Onyekaba CO. **Lab Anim** 1985 Apr; 19(2):148-151

Salmonella ochiogu: experimental infection of laboratory rabbits (Oryctolagus cuniculus). Onyekaba CO. **Lab Anim** 1985 Jan;19(1):32-4

The pathogenicity of Salmonella mbandaka in specific pathogen free rabbits. Newcomer CE, et al. **Lab Anim Sci** 1984 Dec;34(6):588-91

[Salmonellosis: distribution of the causative organism in the body] Boĭchenko MN. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):3-6 (54 ref.) **(Rus)**

PHYSIOLOGY

Interaction between human polymorphonuclear leukocytes (PMNL) and bacteria cultivated in aerobic and anaerobic conditions. Maluszynska GM, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Apr; 93(2):139-43

SALMONELLA ARIZONAE see under **SALMONELLA**

SALMONELLA ENTERITIDIS

Plasma catecholamines in the conscious rat during endotoxicosis. Jones SB, et al. **Circ Shock** 1984; 14(3):189-201

DRUG EFFECTS

Influence of antibiotics on growth, synthesis & release of enterotoxin by Salmonella enteritidis. Sobeh FY, et al. **Indian J Med Res** 1984 Sep;80:279-83

Antibiotics and human defence mechanisms: the effects of ampicillin and cefotaxime on intra- and extracellular killing of Salmonella enteritidis. Long MH, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:81-9

An outbreak of antibiotic-resistant Salmonella enteritidis in Liberia, West Africa. Hadfield TL, et al. **J Infect Dis** 1985 May;151(5):790-5

GROWTH & DEVELOPMENT

Antimicrobic effects of Lactobacillus fermentation on edible waste material contaminated with infected carcasses. Shotts EB Jr, et al. **Am J Vet Res** 1984 Nov;45(11):2467-70

ISOLATION & PURIFICATION

[A case of pneumonia due to Salmonella enteritidis] Yamamoto M, et al. **Kansenshogaku Zasshi** 1984 May; 58(5):429-34 (Eng. Abstr.) **(Jpn)**

PATHOGENICITY

Possible relationship of a 36-megadalton Salmonella enteritidis plasmid to virulence in mice. Nakamura M, et al. **Infect Immun** 1985 Mar;47(3):831-3

SALMONELLA FOOD POISONING

Salmonella food poisoning. Keogh AM, et al. **Med J Aust** 1984 Aug 18;141(4):217-9

BLOOD

[Kallikrein-kinin, fibrinolytic and coagulation systems of the blood of patients with salmonellosis treated with indomethacin] Pak SG, et al. **Klin Med (Mosk)** 1984 Oct; 62(10):99-102 **(Rus)**

[Role of gastrin in the development of gastrointestinal disorders in patients with acute intestinal infections] Iushchuk ND, et al. **Ter Arkh** 1985;57(2):9-11 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Salmonellosis presenting as croup [letter] Cooke RP, et al. **Lancet** 1985 Mar 2;1(8427):523

DIAGNOSIS

[Food toxinfections in chronic alcoholics] Brodov LE, et al. **Klin Med (Mosk)** 1985 Apr;63(4):106-11 (Eng. Abstr.) **(Rus)**

[Conglutination reaction in the diagnosis of food poisoning] Belaia OF, et al. **Sov Med** 1984;(10):91-3 **(Rus)**

DRUG THERAPY

[Effect of indomethacin on the daily catecholamine excretion and on the rheographic and capillaroscopic indices of salmonellosis patients] Pak SG, et al. **Ter Arkh** 1984; 56(9):124-7 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Illinois traces cause of Salmonella outbreak [news] Sun M. **Science** 1985 May 24;228(4702):972-3

Febrile gastroenteritis due to Salmonella thompson. Report of an outbreak. Linares AP, et al. **West J Med** 1984 Aug; 141(2):203-5

[Microbiologic investigation of chocolate contaminated with Salmonella napoli] Gizzarelli S, et al. **Nuovi Ann Ig Microbiol** 1983 Sep-Oct,34(5):347-52 (Eng. Abstr.) **(Ita)**

IMMUNOLOGY

[Antibody avidity indices of the saliva and serum antibodies in salmonellosis patients] Bunin KV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May;(5):69-72 (Eng. Abstr.) **(Rus)**

[Cellular and humoral immunity factors in salmonellosis and food toxinfections] Efremova LV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):88-92 (Eng. Abstr.) **(Rus)**

METABOLISM

[Homeokinetic changes in food poisoning] Mikhaĭlova IuM, et al. **Sov Med** 1984;(8):32-4 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Isolation of Salmonella bornum (6, 7, 14: Z38) for the first time in India. Choudhary SP, et al. **Indian J Med Sci** 1985 Mar;39(3):45-6

OCCURRENCE

Infective dose of Salmonella typhimurium in cheddar cheese. D'Aoust JY. **Am J Epidemiol** 1985 Oct;122(4):717-20

Food poisoning and salmonella surveillance in England and Wales: 1983. **Br Med J [Clin Res]** 1985 Aug 10; 291(6492):394-6

Leads from the MMWR. Milk-borne salmonellosis--Illinois. **JAMA** 1985 May 3;253(17):2483

An outbreak of multiple-drug-resistant Salmonella enteritis from raw milk. Tacket CO, et al. **JAMA** 1985 Apr 12; 253(14):2058-60

Update: milk-borne salmonellosis--Illinois. **MMWR** 1985 Apr 19;34(15):215-6

Milk-borne salmonellosis--Illinois. **MMWR** 1985 Apr 12; 34(14):200

Desperately seeking Salmonella in Illinois [news] Sun M. **Science** 1985 May 17;228(4701):829-30

[Salmonellas in Vorarlberg--from the clinical and epidemiologic viewpoint] Scheiden R, et al. **Off Gesundheitswes** 1985 Apr;47(4):177-81 **(Ger)**

[Outbreak of food poisoning infection in Orihuela (Alicante)] López Lozano JM, et al. **Rev Sanid Hig Publica (Madr)** 1983 Sep-Oct;57(9-10):1039-53 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Pathology of the alimentary tract in Salmonella typhimurium food poisoning. Boyd JF. **Gut** 1985 Sep;26(9):935-44

PREVENTION & CONTROL

Food handlers and food poisoning. **Public Health** 1985 Jan; 99(1):1-2

TRANSMISSION

[Group illness caused by Salmonella typhimurium (Breslau)] Leissner A. **Off Gesundheitswes** 1985 Mar;47(3):136 **(Ger)**

[Chickens as a vehicle for transporting salmonellae in food] Corral Carranceja J, et al.

Rev Sanid Hig Publica (Madr) 1983 Sep-Oct;57(9-10):943-7 (Eng. Abstr.) **(Spa)**

SALMONELLA HIRSCHFELDII see under **SALMONELLA**

SALMONELLA INFECTIONS

Salmonella meningitis in infancy. Low LC, et al. **Aust Paediatr J** 1984 Aug;20(3):225-8

Reactive arthritis due to Salmonella schwarzengrund in a patient with asymptomatic spondylitis. Golding DN, et al. **Br J Rheumatol** 1985 May;24(2):194-6

Salmonella enteritidis enterocolitis: another cause of diarrhea and erythema nodosum. Grossman ME, et al. **Cutis** 1984 Oct;34(4):402-3

Salmonella endocarditis in a Nigerian child. Sykes RM. **East Afr Med J** 1984 Apr;61(4):326-7

Typhoid in normal & B-cell deficient mice. Kumar A, et al. **Indian J Med Res** 1984 Sep;80:270-8

Salmonella meningitis. Gogate A, et al. **Indian J Pediatr** 1984 Sep-Oct;51(412):549-51

Salmonella parotid abscess [letter] Rajamani KK, et al. **J Assoc Physicians India** 1984 Jun;32(6):540

Salmonella enteritidis bacteremia in childhood. Meadow WL, et al. **J Infect Dis** 1985 Jul;152(1):185-9

Aortic valve endocarditis due to Salmonella enteritidis. Hanger KH Jr, et al. **South Med J** 1985 Aug;78(8):1023-4

[Rare types of osteomyelitis. BCG and salmonella osteomyelitis] Hájková H, et al. **Rozhl Chir** 1984 Nov;63(11):754-9 (Eng. Abstr.) **(Cze)**

[Salmonella empyema] Peters SH, et al. **Ned Tijdschr Geneeskd** 1984 Aug 11;128(32):1516-8 (Eng. Abstr.) **(Dut)**

[Non-typhoid Salmonella bacteremia; a retrospective study in 33 adults] van 't Wout JW, et al. **Ned Tijdschr Geneeskd** 1985 Jun 29;129(26):1230-4 (Eng. Abstr.) **(Dut)**

[Salmonella panama responsible for meningitis secondary to febrile gastroenteritis in a 3-month-old infant] Talon P, et al. **Pediatrie** 1985 Apr-May;40(3):223-7 (Eng. Abstr.) **(Fre)**

[Salmonella pericarditis] Schiller D, et al. **Harefuah** 1984 Dec 2;107(11):341-2 (Eng. Abstr.) **(Heb)**

[A case of osteomyelitis caused by salmonella in a subject with thalassemia-drepanocytosis] Borsotti C, et al. **Chir Ital** 1985 Apr;37(2):219-23 (Eng. Abstr.) **(Ita)**

[Lung abscess and empyema as clinical manifestations of Salmonella infection (letter)] Morano Amado L, et al. **Med Clin (Barc)** 1985 Feb 23;84(7):294-5 **(Spa)**

COMPLICATIONS

Pattern of bacterial infections in homozygous sickle cell disease. A report from Saudi Arabia. Mallouh AA, et al. **Am J Dis Child** 1985 Aug;139(8):820-2

Salmonella gastroenteritis and erythema nodosum. Castilla Cortázar A, et al. **Can Med Assoc J** 1985 Jul 15;133(2):120

A Brodie's abscess caused by Salmonella give. van Wiechen PJ, et al. **Diagn Imag Clin Med** 1984;53(6):315-6

A rare presentation of systemic salmonellosis. Knobel B, et al. **Infection** 1985 Mar-Apr;13(2):70-2

Massive gastrointestinal hemorrhage cecal ulcers and salmonella colitis. Maguire TM, et al. **J Clin Gastroenterol** 1985 Jun;7(3):249-50

Salmonella infections complicating inflammatory bowel disease. Szilagyi A, et al. **J Clin Gastroenterol** 1985 Jun;7(3):251-5

Salmonella osteomyelitis in a patient with systemic lupus erythematosus. Sattar MA, et al. **J Infect** 1984 Jul;9(1):93-6

Salmonella infections of the mitral valve and abdominal aorta. Verhaegen J, et al. **J Infect** 1984 Jul;9(1):87-92

Influence of salmonella bacteremia on the survival of mice infected with Schistosoma mansoni. Tuazon CU, et al. **J Infect Dis** 1985 Jun;151(6):1166-7

Brachial neuritis in salmonellosis. Neundörfer B, et al. **J Neurol** 1984;231(4):198-9

Spinal epidural abscess due to Salmonella group C monophasic 1,5 [letter] Rana PV, et al. **J Neurosurg** 1985 Jun;62(6):942-3

Pathologic rupture of the spleen due to Salmonella dublin infection. Rest JG, et al. **J Trauma** 1985 Apr;25(4):366-8

Intestinal Salmonella carriage in patients with major sickle cell hemoglobinopathies. Rennels MB, et al. **South Med J** 1985 Mar;78(3):310-1

[A case of ruptured mycotic aneurysm of the abdominal aorta] Boudaka W, et al. **Rev Med Brux** 1984 Nov;5(9):605-7 (Eng. Abstr.) **(Fre)**

[Acquired immunodeficiency syndrome, chronic coccidiosis and Salmonella typhimurium septicemia in a couple from Zaire. Immunological functions and attempt at immunostimulation by thymopentin] Martin-Du Pan RC, et al. **Schweiz Med Wochenschr** 1984 Nov 17;114(46):1645-50 (Eng. Abstr.) **(Fre)**

[Aortic aneurysm with rupturing into the stomach following salmonella sepsis] Strittmatter B, et al. **Immun Infekt** 1984 Apr;12(2):101-4 (Eng. Abstr.) **(Ger)**

[Recurring intestinal hemorrhages caused by salmonellosis and secondary colonic polyposis in an infant with Wiskott-Aldrich syndrome] Fiehring C, et al. **Padiatr Grenzgeb** 1985;24(3):237-43 (Eng. Abstr.) **(Ger)**

[Hyperammoniemia and hypophosphoremia associated with Salmonella typhimurium sepsis (letter)] Labay Matias MV, et al. **An Esp Pediatr** 1984 Nov 30;21(8):785-6 **(Spa)**

[Salmonella septic arthritis of the hip in the infant] Pérez Alvarez F, et al. **An Esp Pediatr** 1985 Jan;22(1):73-5 **(Spa)**

[Respiratory distress syndrome of the adult and septicemia caused by Salmonella enteritidis (letter)] Domingo P, et al. **Med Clin (Barc)** 1985 May 11;84(18):759 **(Spa)**

[Acute alithiasic cholecystitis caused by infectious gastroenteritis (letter)] Sesé Torres J, et al. **Med Clin (Barc)** 1985 Apr 30;84(16):672 **(Spa)**

DIAGNOSIS

Ultrasonography of the thyroid. An intracystic carcinoma and mousetyphoid induced abscess. A report of two cases. Conrad C. **Eur J Radiol** 1985 Aug;5(3):218-20

Rapid diagnosis of Salmonella. Sarvamangala Devi JN, et al. **Indian Pediatr** 1984 Jun;21(6):463-8

Salmonella splenic abscess (a case report). Vishwanathan KA, et al. **J Assoc Physicians India** 1984 Sep;32(9):834-6

Bone and joint infection in patients with sickle cell disease. Mallouh A, et al. **J Pediatr Orthop** 1985 Mar-Apr;5(2):158-62

Clinical and laboratory features of Yersinia, Campylobacter and Salmonella infections in children. Vesikari T, et al. **Klin Padiatr** 1985 Jan-Feb;197(1):25-9

[14-year-old patient with septic fever, rapid decline and gait disorder] Höfling B, et al. **Internist (Berlin)** 1984 Sep;25(9):571-3 **(Ger)**

[2 cases of abscesses caused by Salmonella typhimurium] Olszyńska M, et al. **Wiad Lek** 1984 Oct 15;37(20):1635-9 (Eng. Abstr.) **(Pol)**

[Clinical aspects of Salmonella haifa infection] Shitov IA, et al. **Klin Med (Mosk)** 1985 Jan;63(1):128-30 **(Rus)**

[Characteristics of acute gastrointestinal diseases caused by S. java and other rare types of Salmonella group B in young children] Khalitova VI, et al. **Pediatriia** 1984 Dec;(12):36-7 **(Rus)**

DRUG THERAPY

Chloramphenicol-resistant Salmonella tennessee osteomyelitis [letter] Kiess W, et al. **Infection** 1984 Sep-Oct;12(5):359

Severe multiresistant Salmonella typhimurium systemic infections in Central Africa--clinical features and treatment in a paediatric department. Lepage P, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:153-9

Effect of muramyl dipeptide analog on Salmonella enteritidis infection in beige mice with Chediak-Higashi syndrome. Onozuka K, et al. **Microbiol Immunol** 1984;28(11):1211-21

[Treatment with lactulose. A low-risk alternative in various diseases] Reim HG, et al. **Fortschr Med** 1984 Dec 6;102(45):1167-70 (30 ref.) (Eng. Abstr.) **(Ger)**

[Therapy of salmonella carriers] Freerksen E, et al. **Off Gesundheitswes** 1984 Sep;46(9):439-44 **(Ger)**

[Treatment of salmonella gastroenteritis carriers] Baumgarten R. **Z Gesamte Hyg** 1985 Jan;31(1):54-5 (Eng. Abstr.) **(Ger)**

[Use of lactulose (Amivalex) in the treatment of Salmonella excretors] Barna M, et al. **Orv Hetil** 1984 Dec 23;125(52):3169-71 (Eng. Abstr.) **(Hun)**

[Therapeutic efficacy of oral oxamniquine in the treatment of prolonged septicemic salmonellosis] Lambertucci JR, et al. **Rev Inst Med Trop Sao Paulo** 1985 Jan-Feb;27(1):33-9 (Eng. Abstr.) **(Por)**

[Effectiveness of tobramycin in young children with Salmonella infection] Vereshchagin IA, et al. **Antibiotiki** 1984 Nov;29(11):866-9 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Salmonella sepsis following posttraumatic splenectomy and implantation of autologous splenic tissue. Schrøder HM, et al. **Acta Chir Scand** 1985;151(1):11-2

Salmonella infection in hairy cell leukemia: report of a case. Tilly H, et al. **Am J Hematol** 1985 Aug;19(4):423-5

Recurrent Salmonella typhimurium bacteremia associated with the acquired immunodeficiency syndrome. Glaser JB, et al. **Ann Intern Med** 1985 Feb;102(2):189-93

Salmonella infections in patients with the acquired immunodeficiency syndrome. Jacobs JL, et al. **Ann Intern Med** 1985 Feb;102(2):186-8

Salmonella typhimurium enteritis and bacteremia in the acquired immunodeficiency syndrome. Smith PD, et al. **Ann Intern Med** 1985 Feb;102(2):207-9

Salmonella infections in patients with acquired immunodeficiency syndrome. Profeta S, et al. **Arch Intern Med** 1985 Apr;145(4):670-2

Salmonella bacteremia in systemic lupus erythematosus. Eight-year experience at a municipal hospital. Abramson S, et al. **Arthritis Rheum** 1985 Jan;28(1):75-9

Fatal Salmonella septicaemia in a patient with systemic lupus erythematosus and splenic atrophy. Foster PN, et al. **Br J Clin Pract** 1984 Nov-Dec;38(11-12):434-5

Salmonella enteritidis infection in renal transplant recipients [letter] Peces R, et al. **Nephron** 1985;41(1):122-3

[A nosocomial infection caused by Salmonella typhimurium] **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Jun;5(3):154-6 (Eng. Abstr.) **(Chi)**

[Salmonella septicemia in acquired immunodeficiency syndrome (letter)] Fassin D, et al. **Presse Med** 1985 Apr 20;14(16):894 **(Fre)**

[Food-borne Salmonella oranienburg infection in Akershus and Sør-Trøndelag] Holten E, et al. **Tidsskr Nor Laegeforen** 1984 Aug 20;104(23):1520-2 (Eng. Abstr.) **(Nor)**

IMMUNOLOGY

In vivo analysis of impaired macrophage bactericidal capacity during experimental African trypanosomiasis. Glick DL, et al. **Infect Immun** 1984 Dec;46(3):663-7

Adoptive transfer of murine host protection to salmonellosis with T-cell growth factor-dependent, Salmonella-specific T-cell lines. Paul C, et al. **Infect Immun** 1985 Apr;48(1):40-3

[Nonspecific immunity in Salmonella infection and Pelger-Huet anomaly] Komov DO, et al. **Pediatriia** 1984 Dec;(12):66 **(Rus)**

[Cellular and humoral immunity factors in salmonellosis and food toxinfections] Efremova LV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):88-92 (Eng. Abstr.) **(Rus)**

METABOLISM

[Renin-angiotensin-aldosterone system and water-electrolyte metabolism in salmonellosis] Pak SG, et al. **Klin Med (Mosk)** 1985 Apr;63(4):103-6 (Eng. Abstr.) **(Rus)**

[Disorders of water-electrolyte balance in children with severe forms of acute intestinal infection] Dienko GI, et al. **Pediatriia** 1984 Aug;(8):21-4 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Epidemiological analysis of Salmonella typhi-murium infections on the basis of laboratory methods. II. Resistance to antibiotics and R-plasmid carrier state in Salmonella typhi-murium isolated in Hungary in the period 1974 to 1981. Milch H, et al. **Acta Microbiol Hung** 1985;32(1):87-98

Epidemiological analysis of Salmonella typhi-murium infections on the basis of laboratory methods. I. Distribution of phage types and biotypes of Salmonella typhi-murium isolated in Hungary in the period 1960 to 1981. Milch H, et al. **Acta Microbiol Hung** 1985;32(1):75-86

Cervical abscess caused by Salmonella infection. Rosenberg RA, et al. **Am J Otolaryngol** 1985 Jan-Feb;6(1):42-5

Resistance to chemioantibiotics of Salmonella strains isolated from people employed in food production and distribution in 1982. Gelosa L, et al. **Boll Ist Sieroter Milan** 1984;63(5):439-46

Septicemia due to a lactose-fermenting Salmonella misidentified as Citrobacter freundii. Schwartz D, et al. **Isr J Med Sci** 1984 Dec;20(12):1202-4

Recovery of Salmonella group B from blood and Salmonella group C2 from feces and serological evidence of dual infection in one patient. Papasian CJ, et al. **J Clin Microbiol** 1984 Sep;20(3):584-5

An epidemiological study of Salmonella montevideo by biotyping. Reilly WJ, et al. **J Hyg (Lond)** 1985 Aug;95(1):23-8

Multiple Salmonella endocarditis. Woodhead MA, et al. **J Infect** 1984 Nov;9(3):289-90

Salmonellosis in the systemic form due to multiple drug resistant Salmonella typhimurium. Gaikwad S, et al. **J Postgrad Med** 1984 Jul;30(3):159-62

Sacroiliitis with Salmonella typhimurium--one case [letter] Bürki F, et al. **J Rheumatol** 1984 Aug;11(4):558-9

Necrotizing fasciitis caused by Salmonella enteritidis. Sanchez C, et al. **Scand J Infect Dis** 1984;16(3):321-2

Salmonella food poisoning [letter] Jukes TH. **Science** 1984 Nov 23;226(4677):9[illegible]

Salmonella activity in Milwaukee--a review of the past decade. Dunne WM Jr. **Wis Med J** 1984 Nov;83(11):28-9

[Human salmonellosis in Ille-et-Vilaine in 1983] Avril JL, et al. **Rev Epidemiol Sante Publique** 1984;32(6):360-5 (Eng. Abstr.) **(Fre)**

[Sensitivity to antibiotics of Salmonella isolated from children with a gastrointestinal form of salmonellosis] Pozniak SB, et al. **Antibiot Med Biotekhnol** 1985 Mar;30(3):225-8 (Eng. Abstr.) **(Rus)**

[Salmonellosis: distribution of the causative organism in the body] Boichenko MN. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):3-6 (54 ref.) **(Rus)**

[Salmonella typhimurium isolaed from a splenic abscess] Sözen T, et al. **Mikrobiyol Bul** 1985 Jan;19(1):30-7 (Eng. Abstr.) **(Tur)**

OCCURRENCE

Salmonella Heidelberg enteritis--an outbreak in the neonatal unit Harare Central Hospital Bannerman CH. **Cent Afr J Med** 1985 Jan;31(1):1-4

Autotransferable sulphamethoxazole & trimethoprim resistance in Salmonella oranienburg strains isolated during epidemics in Delhi & Bombay. Sharma PL, et al. **Indian J Med Res** 1984 Oct;80:396-401

Salmonella typhimurium epidemic in newborn nursery. Sasidharan CK, et al. **Indian J Pediatr** 1983 Nov-Dec;50(407):599-605

Prolonged hospital epidemic of salmonellosis: use of trimethoprim-sulfamethoxazoe for control. Linnemann CC Jr, et al. **Infect Control** 1985 Jun;6(6):221-5

Outbreak of Salmonella typhimurium gastroenteritis due to an imported strain resistant toampicillin, chloramphenicol, and trimethoprim-sulfamethoxazole in a nursery. Lamb VA, et al. **J Clin Microbiol** 1984 Dec;20(6):1076-9

An outbreak of antibiotic-resistant Salmonella enteritidis in Liberia, West Africa. Hadfield TL, et al. **J Infect Dis** 1985 May;151(5):790-5

Leads from the MMWR. Human Salmonella isolates--United States, 1983. **JAMA** 1985 Jan 18;253(3):335, 340

Poultry giblet-associated salmonellosis--Maine. **MMWR** 1984 Nov 9;33(44):630-1

Human Salmonella isolates--United States, 1983. **MMWR** 1984 Dec 14;33(49):693-5

[A hospital epidemic of Salmonella enteritidis with more than 170 cases] Kirkegaard E. **Ugeskr Laeger** 1985 May 6; 147(19):1529-33 (Eng. Abstr.) **(Dan)**

[Epidemiology and phage typing of Salmonella typhimurium in Austria 1980-1982] Thiel W, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Dec; 258(4):544-63 (Eng. Abstr.) **(Ger)**

[Salmonella infections 1982] Anusz Z. **Przegl Epidemiol** 1984; 38(2):145-55 **(Pol)**

[Incidence and clinical course of Salmonella infections among children in the Płock region 1976-1980] Mańkowska E, et al. **Przegl Epidemiol** 1984;38(4):425-31 (Eng. Abstr.) **(Pol)**

[Presence of Salmonellas and Shigellas in a school population] Goiriena de Gandarias J, et al. **Rev Sanid Hig Publica (Madr)** 1983 Nov-Dec; 57(11-12):1161-74 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Passage of Salmonella enteritidis and Salmonella thompson through chick ileocecal mucosa. Popiel I, et al. **Infect Immun** 1985 Mar;47(3):786-92

Salmonella urinary tract infection in pregnancy. Tettmar RE, et al. **J Hosp Infect** 1985 Jun;6(2):227-9

PHYSIOPATHOLOGY

Salmonella dublin neck abscess. Bello EF, et al. **Arch Otolaryngol** 1985 Jul;111(7):476-7

Salmonellosis: in retrospect and prospect. Stephen J, et al. **Ciba Found Symp** 1985;112:175-92

Effect of age on fever and acute-phase response of rats to endotoxin and Salmonella typhimurium. Tocco-Bradley R, et al. **Infect Immun** 1985 Jan;47(1):106-11

PREVENTION & CONTROL

Nosocomial salmonellosis [editorial] Weikel CS, et al. **Infect Control** 1985 Jun;6(6):218-20 (20 ref.)

Immunization against experimental murine salmonellosis with liposome-associated O-antigen. Desiderio JV, et al. **Infect Immun** 1985 Jun;48(3):658-63

Boundaries of conscience [editorial] Gangarosa EJ. **JAMA** 1985 Jul 12;254(2):265-6

[Possibilities for salmonellosis control] Pietzsch O. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb; 180(2-3):282-98 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

Salmonella mediastinitis--a rare disease. Marsh MD, et al. **Comput Radiol** 1984 Nov-Dec;8(6):375-7

RADIONUCLIDE IMAGING

Coincidence of infectious osteomyelitis and disseminated neuroblastoma: a diagnostic dilemma solved by scintigraphic imaging. Kiess W, et al. **J Cancer Res Clin Oncol** 1985;110(1):85-6

THERAPY

Effect of human gamma interferon on invasiveness of Salmonella typhimurium in HEp-2 cell cultures. Bukholm G, et al. **J Interferon Res** 1985 Winter;5(1):45-53

Nongonococcal pelvic abscess caused by Salmonella enteritidis. Saltzman DH, et al. **Obstet Gynecol** 1984 Oct; 64(4):585-6

[The therapy of salmonellosis] Ielasi G, et al. **Clin Ter** 1985 Jun 15;113(5):375-8 (Eng. Abstr.) **(Ita)**

[Indicators of cardiohemodynamics and components of the kinin system of blood plasma in patients with salmonellosis treated by various methods] Pak SG, et al. **Ter Arkh** 1985; 57(5):122-7 (Eng. Abstr.) **(Rus)**

TRANSMISSION

The investigation of salmonella outbreaks in hospitals. Cruickshank JG. **J Hosp Infect** 1984 Sep;5(3):241-3

Turtle-associated salmonellosis in Puerto Rico. Hazards of the global turtle trade. Tauxe RV, et al. **JAMA** 1985 Jul 12;254(2):237-9

SALMONELLA INFECTIONS, ANIMAL

BLOOD

Iron and transferrin in acute experimental Salmonella cholerae-suis infection in pigs. Kramer TT, et al. **Am J Vet Res** 1985 Feb;46(2):451-5

Determination of red blood cell potassium content in horses with diarrhoea: a practical approach for therapy. Muylle E, et al. **Equine Vet J** 1984 Sep;16(5):450-2

COMPLICATIONS

Ulcerative colitis and protein losing enteropathy associated with intestinal salmonellosis and histoplasmosis in a horse. Goetz TE, et al. **Equine Vet J** 1984 Sep;16(5):439-41

Salmonellosis in an African elephant [letter] Scott WA. **Vet Rec** 1984 Oct 13;115(15):391

DIAGNOSIS

Comparison of rectal mucosal cultures and fecal cultures in detecting Salmonella infection in horses and cattle. Palmer JE, et al. **Am J Vet Res** 1985 Mar;46(3):697-8

Ulcerative keratitis associated with Salmonella arizonae infection in a horse. Adamson PJ, et al. **J Am Vet Med Assoc** 1985 Jun 1;186(11):1219-20

Salmonella shed by horses with colic. Palmer JE, et al. **J Am Vet Med Assoc** 1985 Aug 1;187(3):256-7

[Acute pullorum disease in hawk-headed parrots (Deroptyus accipitrinus fuscifrons)] Ehrsam H. **Schweiz Arch Tierheilkd** 1985 Jun;127(6):397-400 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

Comparative efficacies of ceftriaxone, moxalactam, and ampicillin in experimental Salmonella typhimurium infection. Anton PA, et al. **Antimicrob Agents Chemother** 1982 Aug;22(2):312-5

Treatment of experimental salmonellosis in mice with streptomycin entrapped in liposomes. Tadakuma T, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):28-32

The effect of feeding diets containing avoparcin on the excretion of salmonellas by chickens experimentally infected with natural sources of salmonella organisms. Barrow PA, et al. **J Hyg (Lond)** 1984 Dec;93(3):439-44

[Effect of levamisole on the formation of agglutinins against salmonellosis in weaned lambs] Bŭrdarov I, et al. **Vet Med Nauki** 1984;21(7-8):113-8 (Eng. Abstr.) **(Bul)**

ETIOLOGY

Salmonella infections in a marsupial, the quokka (Setonix brachyurus), in relation to seasonal changes in condition and environmental stress. Hart RP, et al. **Appl Environ Microbiol** 1985 May;49(5):1276-81

FAMILIAL & GENETIC

Evidence for separate genetic defects in C3H/HeJ and C3HeB/FeJ mice, that affect susceptibility to gram-negative infections. Hagberg L, et al. **J Immunol** 1985 Jun;134(6):4118-22

Additional evidence that the Lps gene locus regulates natural resistance to S. typhimurium in mice. O'Brien AD, et al. **J Immunol** 1985 May;134(5):2820-3

Genetic control of natural resistance to Salmonella typhimurium in mice during the late phase of infection. O'Brien AD, et al. **J Immunol** 1984 Dec;133(6):3313-8

IMMUNOLOGY

Amelioration of the adverse effect of a gastrointestinal challenge with Salmonella enteritidis on weanling rats by a yogurt diet. Hitchins AD, et al. **Am J Clin Nutr** 1985 Jan;41(1):92-100

Vaccination of calves against Salmonella dublin with aromatic-dependent Salmonella typhimurium. Smith BP, et al. **Am J Vet Res** 1984 Sep;45(9):1858-61

Infections with Salmonella typhimurium and Nippostrongylus brasiliensis in mice selectively reared for high or low immune responsiveness to Nematospiroides dubius. Sitepu P, et al. **Aust J Exp Biol Med Sci** 1984 Dec; 62 (Pt 6):755-61

Histopathological evidence for protective immunity induced by sonicated Salmonella vaccine. Hsu HS, et al. **Can J Microbiol** 1985 Jan;31(1):54-61

Host response to infection with a temperature-sensitive mutant of Salmonella typhimurium in a susceptible and a resistant strain of mice. Nauciel C, et al. **Infect Immun** 1985 Sep;49(3):523-7

Immunity to infection with Salmonella typhimurium: mouse-strain differences in vaccine- and serum-mediated protection. Eisenstein TK, et al. **J Infect Dis** 1984 Sep; 150(3):425-35

Effect of a lysolecithin analogue on nonspecific resistance to infection of mice. Vassilev TL, et al. **J Med Microbiol** 1985 Apr;19(2):159-67

Depression of resistance against Salmonella infection in sarcoma 180-bearing mice and its restoration by Salmonella mini-cells. Kurashige S, et al. **Jpn J Exp Med** 1984 Jun; 54(3):91-6

Diffusion in gel-enzyme linked immunosorbent assay (DIG-ELISA) to record the immunoglobulin response of calves vaccinated with Salmonella. Johnson EH, et al. **Vet Microbiol** 1984 Dec;10(1):71-86

Humoral antibody responses to experimental and spontaneous Salmonella infections in cattle measured by ELISA. Robertsson JA. **Zentralbl Veterinarmed [B]** 1984 Jun; 31(5):367-80

METABOLISM

Enterotoxin-induced fluid accumulation during experimental salmonellosis and cholera: involvement of prostaglandin synthesis by intestinal cells. Duebbert IE, et al. **Toxicon** 1985;23(1):157-72

MICROBIOLOGY

Factors influencing enhanced Salmonella typhimurium infection in Eimeria tenella-infected chickens. Baba E, et al. **Am J Vet Res** 1985 Jul;46(7):1593-6

Common plasmid encoding resistance to ampicillin, chloramphenicol, gentamicin, and trimethoprim-sulfadiazine in two serotypes of Salmonella isolated during an outbreak of equine salmonellosis. Ikeda JS, et al. **Am J Vet Res** 1985 Apr;46(4):769-73

Antibiotic susceptibilities of Salmonella species isolated at a large animal veterinary medical center: a three year study. Benson CE, et al. **Can J Comp Med** 1985 Apr;49(2):125-8

Intestinal carriage of Campylobacter jejuni and Salmonella by chicken flocks at slaughter. Prescott JF, et al. **Can J Comp Med** 1984 Jul;48(3):329-31

Effect of streptomycin administration on colonization resistance to Salmonella typhimurium in mice. Que JU, et al. **Infect Immun** 1985 Apr;48(1):169-74

Application of the peroxidase-antiperoxidase immunoassay to the identification of Salmonellae from pure culture and animal tissue. McRill CM, et al. **J Clin Microbiol** 1984 Aug; 20(2):281-4

An epidemiological study of Salmonella montevideo by biotyping. Reilly WJ, et al. **J Hyg (Lond)** 1985 Aug; 95(1):23-8

Salmonella ochiogu: experimental infection of laboratory rats (Rattus rattus). Onyekaba CO. **Lab Anim** 1985 Apr; 19(2):148-151

Salmonella ochiogu: experimental infection of laboratory rabbits (Oryctolagus cuniculus). Onyekaba CO. **Lab Anim** 1985 Jan;19(1):32-4

The pathogenicity of Salmonella mbandaka in specific pathogen free rabbits. Newcomer CE, et al. **Lab Anim Sci** 1984 Dec;34(6):588-91

An outbreak of salmonellosis in a Danish fox farm. Henriksen P, et al. **Nord Vet Med** 1985 Mar-Apr;37(2):107-8

Salmonella isolated from animals and feed stuffs in Sweden during 1978-1982. Mårtensson L, et al. **Nord Vet Med** 1984 Nov-Dec;36(11):371-93

Effect of Eimeria tenella infection in chickens fed the feed artificially contaminated with Salmonella typhimurium. Morishima H, et al. **Poult Sci** 1984 Sep;63(9):1732-7

Growth of Salmonella typhimurium in the caecum of gnotobiotic chickens with Eimeria tenella. Fukata T, et al. **Res Vet Sci** 1984 Sep;37(2):230-3

Interfering effect of Isospora suis infection on Salmonella typhimurium infection in swine. Baba E, et al. **Vet Parasitol** 1985 Apr;17(4):271-8

Failure of drinking water sanitisation to reduce the incidence of natural salmonella in broiler chickens. Al-Chalaby ZA, et al. **Vet Rec** 1985 Apr 6;116(14):364-5

Natural subclinical salmonella infection in chickens: a potential model for testing the effects of various procedures on salmonella shedding. Linton AH, et al. **Vet Rec** 1985 Apr 6;116(14):361-4

[Salmonella abortus ovis carrier state in dogs and rats] Vodas K, et al. **Vet Med Nauki** 1985;22(1):10-5 (Eng. Abstr.) **(Bul)**

[Salmonella fyris in a dog] Teunissen GH, et al. **Tijdschr Diergeneeskd** 1984 Sep 15;109(18):700-2 (Eng. Abstr.) **(Dut)**

[Results of long-term studies of salmonella (1977-1983)] Schellner HP. **Berl Munch Tierarztl Wochenschr** 1985 Jan 1;98(1):10-4 (Eng. Abstr.) **(Ger)**

[Salmonellosis: distribution of the causative organism in the body] Boĭchenko MN. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):3-6 (54 ref.) **(Rus)**

OCCURRENCE

Case-control study of risk factors associated with isolation of Salmonella saintpaul in hospitalized horses. Hird DW, et al. **Am J Epidemiol** 1984 Dec;120(6):852-64

'Salmonella hirschfeldii' in poultry and man in Ibadan, Nigeria. Ojeniyi A. **Bull WHO** 1984;62(5):773-5

Salmonellosis: a continual threat to New York State's cattle and horses. Bruner DW. **Cornell Vet** 1985 Jan;75(1):93-6

Epidemiologic aspects of salmonellosis in reptiles, amphibians, mollusks and crustaceans--a review. Minette HP. **Int J Zoonoses** 1984 Jun;11(1):95-104 (99 ref.)

Salmonellosis in a herd of captive elephants. Janssen DL, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1450-1

Epidemiological aspects of Salmonella infantis and Salmonella typhi murium infections in Finnish broiler chickens. Vasa M. **Nord Vet Med** 1984 Sep-Oct; 36(9-10):317-23

The occurrence of Salmonellae in house shrews and rats in Ipoh, Malaysia. Joseph PG, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep; 15(3):326-30

Is salmonellosis still a serious problem in veterinary practice? Wray C. **Vet Rec** 1985 May 4;116(18):485-9

[Dynamics of a latent epizootic process as evaluated by an incidence-of-infection index] Likov B, et al. **Vet Med Nauki** 1984;21(7-8):31-7 (Eng. Abstr.) **(Bul)**

[Epizootiological research on salmonellosis in swine] Minev MK, et al. **Vet Med Nauki** 1985;22(1):16-24 (Eng. Abstr.) **(Bul)**

PATHOLOGY

Pathological studies in chicken embryos and day-old chicks experimentally infected with Salmonella typhimurium and Staphylococcus aureus. Glávits R, et al. **Acta Vet Hung** 1984;32(1-2):39-49

Experimental guinea pig ocular infection by Salmonella typhimurium. Belfort R Jr, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):591-4

Identification of endotoxin-positive cells in the rat lung during shock. Freudenberg N, et al. **Virchows Arch [A]** 1984;404(2):197-211

PHYSIOPATHOLOGY

[Experimental infection of sheep with Salmonella abortus ovis: effect of the gestational stage] Sanchis R, et al. **Ann Rech Vet** 1984;15(1):97-103 (Eng. Abstr.) **(Fre)**

PREVENTION & CONTROL

Correlation of macrophage migration-inhibition factor and protection from challenge exposure in calves vaccinated with Salmonella typhimurium. Habasha FG, et al. **Am J Vet Res** 1985 Jul;46(7):1415-21

Aromatic-dependent Salmonella dublin as a parenteral modified live vaccine for calves. Smith BP, et al. **Am J Vet Res** 1984 Nov;45(11):2231-5

Stimulation of the immune response in thymus extract treated inbred (AKR) mice. Dima VF, et al. **Arch Roum Pathol Exp Microbiol** 1984 Apr-Jun; 43(2):159-69

Practical aspects of competitive exclusion for the control of Salmonella in turkeys. Anderson WR, et al. **Avian Dis** 1984 Oct-Dec;28(4):1071-8

The effects of treatments of cecal contents on their protective properties against Salmonella in poults. Reid CR, et al. **Avian Dis** 1985 Jan-Mar;29(1):1-11

Immunity to Salmonella typhimurium infection in C3H/HeJ and C3H/HeNCrlBR mice: studies with an aromatic-dependent live S. typhimurium strain as a vaccine. Killar LM, et al. **Infect Immun** 1985 Mar; 47(3):605-12

Mechanism of the protective action of anti-Salmonella IgM in experimental mouse salmonellosis. Saxén H. **J Gen Microbiol** 1984 Sep;130 (Pt 9):2277-83

Control of salmonella by acid disinfection of chicks' food [letter] Hinton M, et al. **Vet Rec** 1985 May 4;116(18):502

[Trial, in a contaminated environment, of an attenuated lyophilized vaccine against S. abortus ovis abortion in sheep] Sanchis R, et al. **Ann Rech Vet** 1984;15(3):381-6 (Eng. Abstr.) **(Fre)**

[Protection against experimental Salmonella typhimurium infection in mice. Immunostimulating activity of heterologous Salmonella S-forms, R-mutants, lipopolysaccharides and muramyl dipeptide in vaccines combined with S. typhimurium] Schlecht S. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug; 257(3):414-25 (Eng. Abstr.) **(Ger)**

[Possibilities for salmonellosis control] Pietzsch O. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb; 180(2-3):282-98 (Eng. Abstr.) **(Ger)**

TRANSMISSION

Animal-to-human transmission of both sensitive and resistant Salmonella typhimurium demonstrated by plasmid profiling [letter] Olsvik O, et al. **Lancet** 1985 Jan 19;1(8421):172-3

SALMONELLA PARATYPHI see **SALMONELLA PARATYPHI A**

SALMONELLA PARATYPHI A

ANALYSIS

Specific proteins common to Salmonella paratyphi B and C. Barber C. **Microbios** 1985;42(171S):243-9

IMMUNOLOGY

[Determination of human B cell functions by Salmonella paratyphi B and its clinical significance] Funato T, et al. **Rinsho Byori** 1985 Jan;33(1):82-8 **(Jpn)**

ISOLATION & PURIFICATION

Comparative study of three blood culture systems for isolation of enteric fever Salmonella. Escamilla J, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun; 15(2):161-6

[Microbiological diagnosis of typhoid-paratyphoid diseases and detection of their causative agents in the environment] Koroliuk AM, et al. **Voen Med Zh** 1984 Aug;(8):38-42 **(Rus)**

SALMONELLA PHAGES

S typhimurium phage type 204c and anti-microbial resistance [letter] Cooke BC. **Vet Rec** 1985 Mar 16;116(11):301

[Differences in the production of temperate bacteriophages in lysogenic strains of Salmonella enteritidis and Citrobacter] Borecká J, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 May;34(3):159-62 (Eng. Abstr.) **(Slo)**

GENETICS

Sequence analysis of a region from the early right operon in phage P22 including the replication genes 18 and 12. Backhaus H, et al. **Gene** 1984 Dec;32(3):289-303

Structural organization of the ori site of phage P22; comparison with other lambdoid ori sites. Petri JB, et al. **Gene** 1984 Dec;32(3):304-10

Mutations that improve the ant promoter of Salmonella phage P22. Graña D, et al. **Genetics** 1985 May;110(1):1-16

Analysis of promoter mutations in the histidine transport operon of Salmonella typhimurium: use of hybrid M13 bacteriophages for cloning, transformation, and sequencing. Lee GS, et al. **J Bacteriol** 1984 Sep;159(3):1000-5

Bacteriophage P22 tail protein gene expression. Adams MB, et al. **J Virol** 1985 Jan;53(1):180-4

Posttranscriptional modulation of bacteriophage P22 scaffolding protein gene expression. Casjens S, et al. **J Virol** 1985 Jan;53(1):185-91

Assembly-controlled autogenous modulation of bacteriophage P22 scaffolding protein gene expression. Casjens S, et al. **J Virol** 1985 Jan;53(1):174-9

Autoregulation of the bacteriophage P22 scaffolding protein gene. Wyckoff E, et al. **J Virol** 1985 Jan;53(1):192-7

Selective transduction of recombinant plasmids with cloned pac sites by Salmonella phage P22. Schmidt C, et al. **MGG** 1984;196(1):123-8

pac sites are indispensable for in vivo packaging of DNA by phage P22. Schmieger H. **MGG** 1984;195(1-2):252-5

Functional messenger RNAs are produced by SP6 in vitro transcription of cloned cDNAs. Krieg PA, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7057-70

Efficient in vitro synthesis of biologically active RNA and RNA hybridization probes from plasmids containing a bacteriophage SP6 promoter. Melton DA, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7035-56

METABOLISM

Measurement of the rotational behaviour of virus particles during adsorption to the host cell surface. Bayer ME, et al. **FEBS Lett** 1984 Oct 1;175(2):329-32

DNA packaging initiation of Salmonella bacteriophage P22: determination of cut sites within the DNA sequence coding for gene 3. Backhaus H. **J Virol** 1985 Aug;55(2):458-65

PHYSIOLOGY

Survival of bacteriophage 1 of the Salmonella typhimurium phage typing scheme in different liquid maintenance media and at different temperatures. Papaconstantinou AT, et al. **Boll Ist Sieroter Milan** 1982;61(5):423-7

Lytic action of the Salmonella weltevreden typing phages in relation to S-R dissociation of S. weltevreden. Sood LR, et al. **Indian J Med Res** 1985 Jan;81:13-7

[Selected properties of Salmonella agona bacteriophages] Tyc Z. **Med Dosw Mikrobiol** 1985;37(1):1-7 (Eng. Abstr.) **(Pol)**

RADIATION EFFECTS

DNA injection proteins are targets of acridine-sensitized photoinactivation of bacteriophage P22. Bryant JL Jr, et al. **J Mol Biol** 1984 Dec 25;180(4):837-63

ULTRASTRUCTURE

An alkyl imidate labeling study of the organization of phospholipids and proteins in the lipid-containing bacteriophage PR4. Davis TN, et al. **J Biol Chem** 1985 Jan 10;260(1):663-71

SALMONELLA SCHOTTMUELLERI see under **SALMONELLA**

SALMONELLA TYPHI

Fever and survival in aged mice after endotoxin challenge. Hoffman-Goetz L, et al. **J Gerontol** 1985 Jan;40(1):15-22

Some characteristics of the hyperreactivity to bacterial lipopolysaccharide induced in mice by Trypanosoma cruzi infection. Bambirra EA, et al. **Mem Inst Oswaldo Cruz** 1984 Oct-Dec;79(4):433-7

[Characteristics of the reaction of immunologically tolerant mice to the polyclonal stimulant salmozan] Kondrat'eva TK, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):714-6 (Eng. Abstr.) **(Rus)**

[Determination of bacterial endotoxin admixtures in inactivated influenza vaccines] Shpiliuk GF, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):37-40 (Eng. Abstr.) **(Rus)**

CYTOLOGY

Induction of stable L-forms of Salmonella typhi and Listeria monocytogenes. Asnani PJ, et al. **Acta Microbiol Hung** 1985;32(1):61-4

DRUG EFFECTS

Chloramphenicol resistant Salmonella typhi: therapeutic considerations. Chandra J, et al. **Indian J Pediatr** 1984 Sep-Oct;51(412):567-70

GENETICS

Purification of a new restriction endonuclease, StyI, from Escherichia coli carrying the hsd+ miniplasmid. Mise K, et al. **Gene** 1985;33(3):357-61

Mouse chromosome 1 Ity locus regulates microbicidal activity of isolated peritoneal macrophages against a diverse group of intracellular and extracellular bacteria. Lissner CR, et al. **J Immunol** 1985 Jul;135(1):544-7

Survey of plasmids in Salmonella typhi from Chile and Thailand. Murray BE, et al. **J Infect Dis** 1985 Mar; 151(3):551-5

GROWTH & DEVELOPMENT

[Relation of Salmonella typhi and Salmonella gallinarum auxotrophicity to the ability to grow on Simmons' medium] Dombrovskiĭ AM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):33-6 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

ELISA for the measurement of intestinal antibody to Salmonella typhi protein antigen. Banchuin N, et al. **Asian Pac J Allergy Immunol** 1984 Jun;2(1):85-90

Performance characteristics of an enzyme-linked immunosorbent assay for the determination of immunoglobulin M anti-Salmonella typhi lipopolysaccharide antibodies. Nardiello S, et al. **Boll Ist Sieroter Milan** 1985;64(2):155-9

Detection of Salmonella typhi antigens by slide coagglutination in urine from patients with typhoid fever. Dhanalakshmi D, et al. **Indian J Pathol Microbiol** 1984 Jan;27(1):33-6

Antibody response to somatic antigen of Salmonella typhi in areas endemic and non-endemic for typhoid fever. Hirschl A, et al. **Infect Control** 1985 Mar;6(3):110-4

Demonstration of specific IgA in human feces after immunization with live Ty21a Salmonella typhi vaccine. Cancellieri V, et al. **J Infect Dis** 1985 Mar;151(3):482-4

Reexamination of the protective role of the capsular polysaccharide (Vi antigen) of Salmonella typhi. Robbins JD, et al. **J Infect Dis** 1984 Sep;150(3):436-49 (116 ref.)

[Assay of anti-typhoid agglutinin using the activated charcoal agglutination test] Xiao QL. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Dec; 5(6):364-6 (Eng. Abstr.) **(Chi)**

[Typhoid fever from Salmonella typhi carrying the Hz66 antigen. The 1st French case (letter)] Sansonetti P, et al. **Presse Med** 1985 Feb 9;14(5):285 **(Fre)**

[Antigenic structure of Salmonella L forms studied by an immunoferritin method] Prozorovskiĭ SV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):24-6 (Eng. Abstr.) **(Rus)**

[Antibody titers in the serum of patients suspected of typhoid using the classical Widal and microagglutination tests] Alaçam R, et al. **Mikrobiyol Bul** 1984 Jul;18(3):160-3 (Eng. Abstr.) **(Tur)**

ISOLATION & PURIFICATION

Comparative study of three blood culture systems for isolation of enteric fever Salmonella. Escamilla J, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun; 15(2):161-6

[The string test in the diagnosis of typhoid fever (letter)] Raoult D, et al. **Presse Med** 1984 Dec 8;13(44):2704-5 **(Fre)**

[Microbiological diagnosis of typhoid-paratyphoid diseases and detection of their causative agents in the environment] Koroliuk AM, et al. **Voen Med Zh** 1984 Aug;(8):38-42 **(Rus)**

[Salmonella typhi: incidence in coproculture and microbiologic aspects] López-Brea M, et al. **Rev Sanid Hig Publica (Madr)** 1983 Nov-Dec; 57(11-12):1153-9 (Eng. Abstr.) **(Spa)**

PATHOGENICITY

Synergistic interaction of baker's yeast and iron in the enhancement of bacterial virulence. Joó I, et al. **Acta Microbiol Hung** 1984;31(3):197-206

[Search for the systems of DNA host specificity in Salmonella typhi] Pashenkov AL, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):3-6 (Eng. Abstr.) **(Rus)**

[Properties of 2 gal+ derivatives of the vaccine mutant gal E Ty21a strain of Salmonella typhi] Silva-Salinas BA, et al. **Bol Med Hosp Infant Mex** 1985 Apr;42(4):234-9 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Spontaneous adherence of Salmonella typhosa to human peripheral blood lymphocytes in typhoid fever [letter] Jirillo E, et al. **Infection** 1985 May-Jun;13(3):157

Nutrient chemotactic agents and the in vitro selective control of bacterial colonization. Sugarman B, et al. **Infection** 1984 Sep-Oct;12(5):318-21

SALMONELLA TYPHIMURIUM

Effects of prostaglandin E2, prostaglandin F2 alpha and endotoxin on plasma calcium levels in the goat. Fredriksson G, et al. **Acta Vet Scand** 1984;25(3):378-84

Some reproductive and clinical aspects of endotoxins in cows with special emphasis on the role of prostaglandins.

Fredriksson G. **Acta Vet Scand** 1984;25(3):365–77

Endotoxin alters biochemical and morphological responses to pneumonectomy in adult rats. Sosenko IR, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R125–32

Lipopolysaccharide tolerance inhibits eye inflammation. II. Preliminary studies on the mechanism. Howes EL Jr, et al. **Arch Ophthalmol** 1985 Feb;103(2):261–5

Lipopolysaccharide tolerance inhibits eye inflammation. I. Reduced immune complex or lipopolysaccharide effects. Howes EL Jr, et al. **Arch Ophthalmol** 1985 Feb; 103(2):257–60

Survival of bacteriophage 1 of the Salmonella typhimurium phage typing scheme in different liquid maintenance media and at different temperatures. Papaconstantinou AT, et al. **Boll Ist Sieroter Milan** 1982;61(5):423–7

Modification of lipid A reduces endotoxin-induced eye effects. Rosenbaum JT, et al. **Curr Eye Res** 1985 Jun; 4(6):707–11

The influence of scald water pH on the death rates of Salmonella typhimurium and other bacteria attached to chicken skin. Humphrey TJ, et al. **J Appl Bacteriol** 1984 Oct;57(2):355–9

Endotoxin-tolerant rats are still protected from oxygen toxicity by low-dose endotoxin treatment. Frank L. **J Appl Physiol** 1985 Mar;58(3):819–22

Effect of oxygen and endotoxin on lactate dehydrogenase release, 5-hydroxytryptamine uptake, and antioxidant enzyme activities in endothelial cells. Block ER, et al. **J Cell Physiol** 1985 Feb;122(2):240–8

S typhimurium phage type 204c and anti-microbial resistance [letter] Cooke BC. **Vet Rec** 1985 Mar 16;116(11):301

[Protective properties of plasma from burned and irradiated rats in relation to the in vivo lethal effects of endotoxins] Budagov RS, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):96–9 (Eng. Abstr.) **(Rus)**

[Isolation of Salmonella typhimurium enterotoxin in partially purified form and study of its properties] Fluer FS. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):43–9 (Eng. Abstr.) **(Rus)**

ANALYSIS

Isolation and structural analysis of two lipid A precursors from a KDO deficient mutant of Salmonella typhimurium differing in their hexadecanoic acid content. Hansen-Hagge T, et al. **Arch Microbiol** 1985 May;141(4):353–8

Activation and inhibition of Limulus amebocyte lysate coagulation by chemically defined substructures of lipid A. Proctor RA, et al. **Infect Immun** 1985 Aug;49(2):286–90

Locations of hook-associated proteins in flagellar structures of Salmonella typhimurium. Homma M, et al. **J Bacteriol** 1985 Apr;162(1):183–9

High-molecular-weight components in lipopolysaccharides of Salmonella typhimurium, Salmonella minnesota, and Escherichia coli. Peterson AA, et al. **J Bacteriol** 1985 May; 162(2):738–45

Fluorine-19 nuclear magnetic resonance study of 5-fluorotryptophan-labeled histidine-binding protein J of Salmonella typhimurium. Post JF, et al. **J Mol Biol** 1984 Nov 15;179(4):729–43

CLASSIFICATION

Epidemiological analysis of Salmonella typhi-murium infections on the basis of laboratory methods. I. Distribution of phage types and biotypes of Salmonella typhi-murium isolated in Hungary in the period 1960 to 1981. Milch H, et al. **Acta Microbiol Hung** 1985;32(1):75–86

[Biotypes of Salmonella typhimurium in Iraq] Allos G, et al. **Bull Soc Pathol Exot Filiales** 1984 May-Jun;77(3):284–7 (Eng. Abstr.) **(Fre)**

[Epidemiology and phage typing of Salmonella typhimurium in Austria 1980–1982] Thiel W, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Dec; 258(4):544–63 (Eng. Abstr.) **(Ger)**

[Biotyping and phage-typing of Salmonella sp. serovar typhimurium as epidemiological tools] Nakanishi H, et al. **Kansenshogaku Zasshi** 1984 Sep;58(9):894–902 (Eng. Abstr.) **(Jpn)**

[Effect of the transfer of the R plasmids of resistant Salmonella typhimurium strains of different origins on the phage sensitivity of Salmonella typhimurium] Iakovleva ON, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov; (11):40–4 (Eng. Abstr.) **(Rus)**

[Effect of plasmids for multiple antibiotic resistance on the change in Salmonella typhimurium phagovar] Kaftyreva LA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct; (10):49–52 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Epidemiological analysis of Salmonella typhi-murium infections on the basis of laboratory methods. II. Resistance to antibiotics and R-plasmid carrier state in Salmonella typhi-murium isolated in Hungary in the period 1974 to 1981. Milch H, et al. **Acta Microbiol Hung** 1985;32(1):87–98

Mutagenic activity of radiosensitizers. Grzybowska E, et al. **Acta Microbiol Pol** 1985;34(2):111–20

Accessibility to bacterial nucleic acids of the intercalating drug aliphatic amino acid ellipticinium derivatives in Escherichia coli and Salmonella typhimurium. Banoun H, et al. **Biochemistry** 1985 Jan 29;24(3):701–7

Enhancement of DNA binding and mutagenicity of 1-nitropyrene by zinc acetate in Salmonella typhimurium TA100. Sakai K, et al. **Carcinogenesis** 1985 Jan;6(1):59–64

Studies on the mutagenicity and tumor-initiating activity of methylated fluorenes. Lavoie EJ, et al. **Chem Biol Interact** 1985 Jan;52(3):301–9

Genotoxicity testing of arsenobetaine, the predominant form of arsenic in marine fishery products. Jongen WM, et al. **Food Chem Toxicol** 1985 Jul;23(7):669–73

Examination of some fragrance substances for mutagenic activity. Williams J, et al. **Food Chem Toxicol** 1984 Nov; 22(11):897–900

Protective effect of casein toward Salmonella typhimurium in acid-milk. Rubin HE. **J Appl Bacteriol** 1985 Mar; 58(3):251–5

Mutagenicity tests with gallic and tannic acid in the Salmonella/mammalian microsome assay. Rashid KA, et al. **J Environ Sci Health [B]** 1985 Apr;20(2):153–65

Chloracetamide-N-metholol: an example of an in vitro and in vivo clastogen which is non-mutagenic to Salmonella. Ashby J, et al. **Mutat Res** 1985 Apr-May;156(1-2):19-32

Chromium(VI) and apparent phenotypic reversion in Salmonella TA100. Baker RS, et al. **Mutat Res** 1984 Nov-Dec;138(2-3):127-32

Mutagenicity testing with TA97 and TA102 of 30 DNA-damaging compounds, negative with other Salmonella strains. De Flora S, et al. **Mutat Res** 1984 Sep-Nov;134(2-3):159-65

Mammalian cell DNA damage by some heterocyclic food mutagens is correlated with their potency in the Ames test. Dolara P, et al. **Mutat Res** 1985 Sep;144(1):57–8

Genotoxicity studies with paracetamol. Dybing E, et al. **Mutat Res** 1984 Oct;138(1):21-32

Frameshift mutagenesis by acridines in wild-type, uvrB and polA strains of Salmonella typhimurium with and without plasmid pKM101. Ferguson LR, et al. **Mutat Res** 1984 Oct; 141(2):83–8

An alteration leading to loss of ability to support phleomycin mutagenesis in the pKM101-derived plasmid pGW16 is located in or close to the mucAB genes. Hall RM, et al. **Mutat Res** 1985 Jul;146(1):47–53

The assessment of the mutagenic potential of vehicle engine exhaust in the Ames Salmonella assay using a direct exposure method. Jones E, et al. **Mutat Res** 1985 Jan-Feb; 155(1-2):35–40

Simultaneous measurement of toxicity and mutagenic activity. Lojo MM, et al. **Mutat Res** 1985 Aug;143(4):201–5

Effects of caffeine on ultraviolet-induced base-pair substitution and frameshift mutagenesis in Salmonella. MacPhee DG, et al. **Mutat Res** 1985 May-Jun;143(1-2):1–3

Naturally occurring carbonyl compounds are mutagens in Salmonella tester strain TA104. Marnett LJ, et al. **Mutat Res** 1985 Jan-Feb;148(1-2):25–34

Study of the mutagenicity of metal derivatives with Salmonella typhimurium TA102. Marzin DR, et al. **Mutat Res** 1985 Jan-Feb;155(1-2):49–51

Allyl isothiocyanate is mutagenic in Salmonella typhimurium. Neudecker T, et al. **Mutat Res** 1985 Apr-May; 156(1-2):33–7

Mutagenicity of some derivatives of dipyrido[1,2-a:3',2'-d]imidazoles in Salmonella typhimurium with metabolic activation by rat liver and small intestine subcellular fractions. N'Goy K, et al. **Mutat Res** 1985 Apr-May;156(1-2):53–9

Relationship between mutagenic potency in Salmonella typhimurium and chemical structure of amino- and nitro-substituted biphenyls. Nohara M, et al. **Mutat Res** 1985 Mar;149(1):9–15

The effect of quercetin on the mutagenicity of 2-acetylaminofluorene and benzo[alpha]pyrene in Salmonella typhimurium strains. Ogawa S, et al. **Mutat Res** 1985 Mar;142(3):103–7

Effects of pH on weak and positive control mutagens in the Ames Salmonella plate assay. Popkin DJ, et al. **Mutat Res** 1985 Mar;142(3):109–13

Mutagenicity of polycyclic aromatic hydrocarbons and quinones on Salmonella typhimurium TA97. Sakai M, et al. **Mutat Res** 1985 Apr-May;156(1-2):61–7

Mutagenic characteristics of formaldehyde on bacterial systems. Takahashi K, et al. **Mutat Res** 1985 Jun; 156(3):153–61

Bifunctional nitrofluorenes: structure-activity relationships in Salmonella typhimurium. Vance WA, et al. **Mutat Res** 1985 Aug;143(4):213–8

Genotoxicity studies with mineral oils; effects of oils on the microbial mutagenicity of precursor mutagens and genotoxic metabolites. Watson WP, et al. **Mutat Res** 1985 Apr;149(2):159–70

Effect of nitro substitution on the light-mediated mutagenicity of polycyclic aromatic hydrocarbons in Salmonella typhimurium TA98. White GL, et al. **Mutat Res** 1985 Sep;144(1):1–7

Differential mutagenic activity of IQ (2-amino-3-methylimidazo[4,5-f]quinoline) in Salmonella typhimurium strains in vitro and in vivo, in Drosophila, and in mice. Wild D, et al. **Mutat Res** 1985 Apr-May; 156(1-2):93–102

Protection from toxic and mutagenic effects of H2O2 by catalase induction in Salmonella typhimurium. Winquist L, et al. **Mutat Res** 1984 Nov-Dec;141(3-4):145–7

Mutagenic activity of acrinol in Salmonella typhimurium. Yasunaka K, et al. **Mutat Res** 1985 Sep;144(1):9–12

Stimulatory effect of potassium ions on MNU- and MNNG-induced mutagenesis in Salmonella typhimurium TA1535 and TA100. Balansky RM, et al. **Neoplasma** 1985; 32(3):313–21

[Biological effects of the combined action of laser radiation and methylene blue on a strain of Salmonella typhimurium (TA 1538) (I)] Curci E, et al. **G Batteriol Virol Immunol** 1983 Jan-Jun;76(1-6):48–56 (Eng. Abstr.) **(Ita)**

[Biological effects of laser radiation and methylene blue on a strain of Salmonella typhimurium (TA 100) (II)] Pasquetto N, et al. **G Batteriol Virol Immunol** 1983 Jan-Jun; 76(1-6):57–61 (Eng. Abstr.) **(Ita)**

[Various epidemiological aspects of the study of plasmids in Salmonella drug-resistance] Rozhnova SSh, et al. **Antibiotiki** 1984 Nov;29(11):819–23 (Eng. Abstr.) **(Rus)**

[Effect of nitrosourea in small doses on the frequency of mutation in Salmonella typhimurium] Shigaeva MKh, et al. **Biol Nauki** 1984;(9):95–9 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Metabolic activation of mutagenic N-hydroxyarylamines by O-acetyltransferase in Salmonella typhimurium TA98. Saito K, et al. **Arch Biochem Biophys** 1985 May 15; 239(1):286–95

Subunit distribution of the sulfhydryl groups of the F1 adenosine triphosphatase of Salmonella typhimurium. Stan-Lotter H, et al. **Arch Biochem Biophys** 1985 May 15; 239(1):280–5

Inactivation of the dadB Salmonella typhimurium alanine racemase by D and L isomers of beta-substituted alanines: kinetics, stoichiometry, active site peptide sequencing, and reaction mechanism. Badet B, et al. **Biochemistry** 1984 Oct 23;23(22):5188–94

Phosphorothioate analogues of 5-phosphoribosyl 1-diphosphate: synthesis, purification, and partial characterization. Smithers GW, et al. **Biochemistry** 1984 Sep 25;23(20):4767–73

Catabolic alanine racemase from Salmonella typhimurium: DNA sequence, enzyme purification, and characterization. Wasserman SA, et al. **Biochemistry** 1984 Oct 23; 23(22):5182–7

Overproduction of the membrane-bound components of the histidine permease from Salmonella typhimurium: identification of the M protein. Ames GF, et al. **Biochimie** 1985 Jan;67(1):149–54

Cyclic AMP phosphodiesterase in Salmonella typhimurium: characteristics and physiological function. Botsford JL. **J Bacteriol** 1984 Nov;160(2):826–30

Identification of the phosphocarrier protein enzyme IIIgut: essential component of the glucitol phosphotransferase system in Salmonella typhimurium. Grenier FC, et al. **J Bacteriol** 1985 Mar;161(3):1017–22

Allosteric regulation of glycerol kinase by enzyme IIIglc of the phosphotransferase system in Escherichia coli and Salmonella typhimurium. Novotny MJ, et al. **J Bacteriol** 1985 May;162(2):810–6

Crystallization and preliminary X-ray crystallographic data of the tryptophan synthase alpha 2 beta 2 complex from Salmonella typhimurium. Ahmed SA, et al. **J Biol Chem** 1985 Mar 25;260(6):3716–8

Subunit association of enzyme I of the Salmonella typhimurium phosphoenolpyruvate: glycose phosphotransferase system. Temperature dependence and thermodynamic properties. Kukuruzinska MA, et al. **J Biol Chem** 1984 Oct 10;259(19):11679–81

The primary structure of Salmonella typhimurium HPr, a phosphocarrier protein of the phosphoenolpyruvate:glycose phosphotransferase system. A correction. Powers DA, et al. **J Biol Chem** 1984 Dec 25;259(24):15212–4

Multiple forms of the CheB methylesterase in bacterial chemosensing. Simms SA, et al. **J Biol Chem** 1985 Aug 25;260(18):10161–8

Evidence for the evolutionary relatedness of the proteins of the bacterial phosphoenolpyruvate:sugar phosphotransferase system. Saier MH Jr, et al. **J Cell Biochem** 1985;27(1):43–56

Characterization of a Salmonella typhimurium mutant defective in phosphoribosylpyrophosphate synthetase. Jochimsen BU, et al. **J Gen Microbiol** 1985 Feb;131 (Pt 2):245–52

Carboxylmethyl esterase of bacterial chemotaxis. Snyder MA, et al. **Methods Enzymol** 1984;106:321–30

ATP-binding sites in the membrane components of histidine permease, a periplasmic transport system. Hobson AC, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7333–7

GENETICS

Biochemical and phenotypical correction of an envelope mutant of Salmonella typhimurium. Pizarro RA, et al. **Arch Int Physiol Biochim** 1984 Dec;92(5):333–7

Evidence for involvement of pyrH+ of an Escherichia coli K-12 F-prime factor in inhibiting construction of hybrid merodiploids with Salmonella typhimurium. Kelln RA. **Can J Microbiol** 1984 Aug;30(8):991–6

Mutation at separate gene loci in Salmonella typhimurium TA100 related to DNA nucleotide modification by stereoisomeric benzo(a)pyrene 7,8-diol-9,10-epoxides. Burgess JA, et al. **Cancer Res** 1985 Sep;45(9):4257–62

Conformational change in the DNA associated with an unusual promoter mutation in a tRNA operon of Salmonella. Bossi L, et al. **Cell** 1984 Dec;39(3 Pt 2):643–52

Positive control of a regulon for defenses against oxidative stress and some heat-shock proteins in Salmonella typhimurium. Christman MF, et al. **Cell** 1985 Jul; 41(3):753-62

The mutH, mutL, mutS, and uvrD genes of Salmonella typhimurium LT2. Pang PP, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:597-602

Nitrogen regulation in Salmonella typhimurium. Identification of an ntrC protein-binding site and definition of a consensus binding sequence. Ferro-Luzzi Ames G, et al. **EMBO J** 1985 Feb;4(2):539-47

The genetic control of DNA supercoiling in Salmonella typhimurium. Richardson SM, et al. **EMBO J** 1984 Aug; 3(8):1745-52

Impact of a point mutation in the muc region of plasmid pKM101 on anthracycline-induced mutagenesis in Salmonella typhimurium. Cole JA, et al. **Environ Mutagen** 1985;7(1):129-33

Reproducibility of microbial mutagenicity assays: I. Tests with Salmonella typhimurium and Escherichia coli using a standardized protocol. Dunkel VC, et al. **Environ Mutagen** 1984;6 Suppl 2:1-251

Spontaneous mutation frequencies in Salmonella: enhancement of G/C to A/T transitions and depression of deletion and frameshift mutation frequencies afforded by anoxic incubation. Hartman Z, et al. **Environ Mutagen** 1984;6(5):633-50

Free flow electrophoresis as a tool for enrichment of mutants with temperature-dependent lethal mutations in lipid A synthesis. Hansen-Hagge T, et al. **Eur J Biochem** 1985 Apr 1;148(1):21-7

Cloning and characterization of the pyrE gene and of PyrE::Mud1 (Ap lac) fusions from Salmonella typhimurium. Neuhard J, et al. **Eur J Biochem** 1985 Feb 1;146(3):597-603

Lack of mutagenicity of irradiated glucose in Salmonella typhimurium using host-mediated assay. Varma MB, et al. **Experientia** 1985 Mar 15;41(3):396-7

Salmonella typhimurium rpoB and rpoC genes cloned on lambda phages. Tittawella IP. **FEBS Lett** 1985 Jun 3; 185(1):33-6

Lack of concordance of the Salmonella/microsome assay with the mouse dermal carcinogenesis bioassay for complex petroleum hydrocarbon mixtures. Cragg ST, et al. **Fundam Appl Toxicol** 1985 Apr;5(2):382-90

The araBAD operon of Salmonella typhimurium LT2. I. Nucleotide sequence of araB and primary structure of its product, ribulokinase. Lin HC, et al. **Gene** 1985; 34(1):111-22

The araBAD operon of Salmonella typhimurium LT2. III. Nucleotide sequence of araD and its flanking regions, and primary structure of its product, L-ribulose-5-phosphate 4-epimerase. Lin HC, et al. **Gene** 1985;34(1):129-34

The araBAD operon of Salmonella typhimurium LT2. II. Nucleotide sequence of araA and primary structure of its product, L-arabinose isomerase. Lin HC, et al. **Gene** 1985; 34(1):123-8

Cloning and initial characterization of the metJ and metB genes from Salmonella typhimurium LT2. Urbanowski ML, et al. **Gene** 1985;35(1-2):187-97

Directed formation of deletions and duplications using Mud(Ap, lac). Hughes KT, et al. **Genetics** 1985 Feb; 109(2):263-82

Merodiploidy in Escherichia coli-Salmonella typhimurium crosses: the role of unequal recombination between ribosomal RNA genes. Lehner AF, et al. **Genetics** 1985 Jul;110(3):365-80

Genetic analysis of DNA replication in bacteria: dnaB mutations that suppress dnaC mutations and dnaQ mutations that suppress dnaE mutations in Salmonella typhimurium. Maurer R, et al. **Genetics** 1984 Sep; 108(1):25-38

Functional interchangeability of DNA replication genes in Salmonella typhimurium and Escherichia coli demonstrated by a general complementation procedure. Maurer R, et al. **Genetics** 1984 Sep;108(1):1-23

Investigation on the mutagenicity of N-nitrosothiazolidine using the Ames Salmonella test. Fiddler W, et al. **IARC Sci Publ** 1984;(57):95-100

Incidence of conjugative plasmid amongst multidrug resistant Salmonella typhimurium strains isolated from different parts of India (1979-1982). Sharma PL, et al. **Indian J Med Res** 1984 Apr;79:473-8

Transfer of antibiotic resistance from Escherichia coli of human origin to Salmonella typhimurium in the intestinal tract of suckling rats. Yadava JN, et al. **Indian J Med Res** 1985 May;81:441-7

Regulation of Salmonella typhimurium ilvYC genes. Blazey DL, et al. **J Bacteriol** 1984 Sep;159(3):951-7

Proline uptake through the major transport system of Salmonella typhimurium is coupled to sodium ions. Cairney J, et al. **J Bacteriol** 1984 Oct;160(1):22-7

Convergently functional, Rho-independent terminator in Salmonella typhimurium. Carlomagno MS, et al. **J Bacteriol** 1985 Jul;163(1):362-8

Mutations that convert the four leucine codons of the Salmonella typhimurium leu leader to four threonine codons. Carter PW, et al. **J Bacteriol** 1985 Jun;162(3):943-9

Genetic characterization and molecular cloning of the tripeptide permease (tpp) genes of Salmonella typhimurium. Gibson MM, et al. **J Bacteriol** 1984 Oct;160(1):122-30

Genes aroA and serC of Salmonella typhimurium constitute an operon. Hoiseth SK, et al. **J Bacteriol** 1985 Jul; 163(1):355-61

Structural genes for flagellar hook-associated proteins in Salmonella typhimurium. Homma M, et al. **J Bacteriol** 1985 Aug;163(2):464-71

Excretion of unassembled flagellin by Salmonella typhimurium mutants deficient in hook-associated proteins. Homma M, et al. **J Bacteriol** 1984 Sep;159(3):1056-9

Anaerobic and leucine-dependent expression of a peptide transport gene in Salmonella typhimurium. Jamieson DJ, et al. **J Bacteriol** 1984 Oct;160(1):131-6

Regulation of a cya-lac fusion by cyclic AMP in Salmonella typhimurium. Jovanovich SB. **J Bacteriol** 1985 Feb; 161(2):641-9

Cloning of rfaG, B, I, and J genes for glycosyltransferase enzymes for synthesis of the lipopolysaccharide core of Salmonella typhimurium. Kadam SK, et al. **J Bacteriol** 1985 Jan;161(1):277-84

Map locations and functions of Salmonella typhimurium men genes. Kwan HS, et al. **J Bacteriol** 1984 Sep;159(3):1090-2

ilvB-encoded acetolactate synthase is resistant to the herbicide sulfometuron methyl. LaRossa RA, et al. **J Bacteriol** 1984 Oct;160(1):391-4

Analysis of promoter mutations in the histidine transport operon of Salmonella typhimurium: use of hybrid M13 bacteriophages for cloning, transformation, and sequencing. Lee GS, et al. **J Bacteriol** 1984 Sep;159(3):1000-5

Mapping and spacer identification of rRNA operons of Salmonella typhimurium. Lehner AF, et al. **J Bacteriol** 1984 Nov;160(2):682-6

Transformation of Salmonella typhimurium with plasmid DNA: differences between rough and smooth strains. MacLachlan PR, et al. **J Bacteriol** 1985 Jan;161(1):442-5

Fine structure analysis of Salmonella typhimurium glutamate synthase genes. Madonna MJ, et al. **J Bacteriol** 1985 Jan; 161(1):353-60

Characterization of the Salmonella typhimurium mgl operon and its gene products. Müller N, et al. **J Bacteriol** 1985 Jul;163(1):37-45

Identification and characterization of the mutL and mutS gene products of Salmonella typhimurium LT2. Pang PP, et al. **J Bacteriol** 1985 Sep;163(3):1007-15

Mutations in the spoT gene of Salmonella typhimurium: effects on his operon expression. Rudd KE, et al. **J Bacteriol** 1985 Aug;163(2):534-42

Oxygen regulation in Salmonella typhimurium. Strauch KL, et al. **J Bacteriol** 1985 Feb;161(2):673-80

Regulation of expression of the ilvB operon in Salmonella typhimurium. Weinberg RA, et al. **J Bacteriol** 1984 Dec; 160(3):833-41

Genetic analysis of three additional fla genes in Salmonella typhimurium. Yamaguchi S, et al. **J Gen Microbiol** 1984 Dec;130 (Pt 12):3339-42

Genetic control of natural resistance to Salmonella typhimurium in mice during the late phase of infection. O'Brien AD, et al. **J Immunol** 1984 Dec;133(6):3313-8

Effect of liver S9 from 3,4,5,3',4'-pentachlorobiphenyl-pretreated rats on the mutagenic activity of the various carcinogens toward Salmonella typhimurium TA 98. Ozawa N, et al. **J Pharmacobiodyn** 1985 Mar;8(3):199-205

Bacteriophage P22 tail protein gene expression. Adams MB, et al. **J Virol** 1985 Jan;53(1):180-4

Posttranscriptional modulation of bacteriophage P22 scaffolding protein gene expression. Casjens S, et al. **J Virol** 1985 Jan;53(1):185-91

Assembly-controlled autogenous modulation of bacteriophage P22 scaffolding protein gene expression. Casjens S, et al. **J Virol** 1985 Jan;53(1):174-9

Autoregulation of the bacteriophage P22 scaffolding protein gene. Wyckoff E, et al. **J Virol** 1985 Jan;53(1):192-7

Characterization of the 3' end of the leucine operon of Salmonella typhimurium. Friedberg D, et al. **MGG** 1985; 199(3):486-94

Application of phage lambda technology to Salmonella typhimurium. Construction of a lambda-sensitive Salmonella strain. Harkki A, et al. **MGG** 1984; 195(1-2):256-9

Identification of a cis-acting regulatory region in the pncB locus of Salmonella typhimurium. Kinney DM, et al. **MGG** 1985;199(3):512-7

Refined genetic analysis of the region II che mutants in Salmonella typhimurium. Kutsukake K, et al. **MGG** 1985; 199(3):406-9

Characterization of mutations that lie in the promoter-regulatory region for glnA, the structural gene encoding glutamine synthetase. McCarter L, et al. **MGG** 1984;197(1):150-60

Molecular cloning of genes involved in purine biosynthetic and salvage pathways of Salmonella typhimurium. O'Reilly C, et al. **MGG** 1984;196(1):152-7

The hisD-hisC gene border of the Salmonella typhimurium histidine operon. Riggs D, et al. **MGG** 1984;196(3):526-9

Isolation and characterization of lac fusions to two nitrogen-regulated promoters. Stern MJ, et al. **MGG** 1984; 195(1-2):219-27

A new strain of Salmonella typhimurium reverted by mitomycin C and N-methyl-N'-nitro-N-nitrosoguanidine--a possible universal tester for mutagenic compounds. Balbinder E, et al. **Mutat Res** 1984 Oct;130(5):315-20

11- and 12-chloromethylbenzo[a]pyrene are potent direct-acting mutagens in the Ames assay. Ball JC, et al. **Mutat Res** 1985 Apr;142(4):141-4

The prostaglandin H synthase-dependent activation of 2-aminofluorene to products mutagenic to S. typhimurium strains TA98 and TA98NR. Boyd JA, et al. **Mutat Res** 1985 Jul;143(3):187-90

Plasmid-dosage effects on ultraviolet, visible light and methyl methanesulfonate mutagenesis in Salmonella typhimurium. Brunner DP, et al. **Mutat Res** 1985 Sep;151(2):185-94

Mutagenicity of beta-glucuronidase in the Ames test. Cerná M. **Mutat Res** 1985 Jul;143(3):169-72

Mutagenicity in the Salmonella/microsome assay of tobacco condensates formed during pipe smoking. Cerná M, et al. **Mutat Res** 1985 Jul;143(3):161-4

Characteristics of major mutagenicity of instant coffee. Fujita Y, et al. **Mutat Res** 1985 Apr;142(4):145-8

Effects of DNA-repair processes on the induction of genetic duplications in bacteria by ultraviolet light. Hoffmann GR, et al. **Mutat Res** 1985 Aug;151(1):25-33

Induction of umuC gene expression by nitrogen dioxide in Salmonella typhimurium. Kosaka H, et al. **Mutat Res** 1985 Mar;142(3):99-102

Mutagenesis of anaerobic cultures of Salmonella typhimurium by nitrosoguanidine, diethyl sulfate and 9-aminoacridine. MacPhee DG, et al. **Mutat Res** 1985 Jul;143(3):183-6

Indications that mutagenesis in Salmonella may be subject to catabolite repression. MacPhee DG. **Mutat Res** 1985 Aug;151(1):35-41

Frameshift mutagenesis by ultraviolet and gamma radiations in Salmonella: SOS inducibility and effects of DNA polymerase I. MacPhee DG, et al. **Mutat Res** 1985 Sep; 151(2):209-15

Mutagenicity of pyrene in Salmonella. Matijašević Z, et al. **Mutat Res** 1985 Apr;142(4):149-52

Inhibitory effect of organic solvents on the mutagenicity of N-nitrosodialkylamines in Salmonella. Mori Y, et al. **Mutat Res** 1985 Apr;142(4):153-8

Induction of the SOS response by ICR191 does not influence frameshift mutagenesis at the hisC3076 marker of Salmonella typhimurium. Podger DM, et al. **Mutat Res** 1985 Mar;142(3):87-91

Oxidative mutagens specific for A-T base pairs induce forward mutations to L-arabinose resistance in Salmonella typhimurium. Ruiz-Rubio M, et al. **Mutat Res** 1985 Aug; 147(4):153-63

Desmutagenic effects of N-acetylcysteine on direct and indirect mutagens. Wilpart M, et al. **Mutat Res** 1985 Apr; 142(4):169-77

Functional messenger RNAs are produced by SP6 in vitro transcription of cloned cDNAs. Krieg PA, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7057-70

Efficient in vitro synthesis of biologically active RNA and RNA hybridization probes from plasmids containing a bacteriophage SP6 promoter. Melton DA, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7035-56

Nucleotide sequence and biochemical characterization of the metJ gene from Salmonella typhimurium LT2. Urbanowski ML, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):673-85

R1767, an example of the evolution of resistance plasmids. Nies BA, et al. **Plasmid** 1985 May;13(3):163-72

A specialized host-vector system for the in vivo cloning of the trp operon of wild-type and mutant strains of Salmonella typhimurium by generalized transduction. Patterson T, et al. **Plasmid** 1984 Nov;12(3):149-60

Restriction endonuclease mapping of R27 (TP117), an incompatibility group HI subgroup 1 plasmid from Salmonella typhimurium. Taylor DE, et al. **Plasmid** 1985 Jan;13(1):75-7

Suppressor sufJ: a novel type of tRNA mutant that induces translational frameshifting. Bossi L, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6105-9

Electron microscopic visualization of trp operon expression in Salmonella typhimurium. French S, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4638-42

Genetic recombination can generate altered restriction specificity. Fuller-Pace FV, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6095-9

Mechanisms determining aerobic or anaerobic growth in the facultative anaerobe Salmonella typhimurium. Yamamoto N, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2077-81

Use of the Ames test in toxicology. Kier LD. **Regul Toxicol Pharmacol** 1985 Mar;5(1):59-64

A catalytic RNA and its gene from Salmonella typhimurium. Baer M, et al. **Science** 1985 May 24;228(4702):999-1002

Effects of vitamins A, C, and E on aflatoxin B1-induced mutagenesis in Salmonella typhimurium TA-98 and TA-100. Raina V, et al. **Teratogenesis Carcinog Mutagen** 1985;5(1):29-40

Assay of mutagens in aqueous fecal extracts with a modified ames Salmonella test. Shaw R, et al. **Teratogenesis Carcinog Mutagen** 1985;5(1):15-27

[Toxic genetic effects of flunitrazepam] Staiano N, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2247-53 (Eng. Abstr.) **(Ita)**

[Genetic activity of base analogs in Salmonella typhimurium and Escherichia coli and Saccharomyces cerevisiae] Pavlov IuI, et al. **Genetika (Moskva)** 1984 Aug;20(8):1270-8 (Eng. Abstr.) **(Rus)**

[Antimutagenic effects of para-aminobenzoic acid in experiments with bacterial cells. Noninterference in the mutation process controlled by plasmid pKM101] Vasil'eva SV, et al. **Genetika (Moskva)** 1985 Mar;21(3):364-7 (Eng.

Abstr.) **(Rus)**

[Mapping of the genetic determinant controlling Salmonella K-antigen synthesis. II. Nonmotile mutants of Salmonella typhimurium] Romanova IuM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):34-8 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Factors influencing enhanced Salmonella typhimurium infection in Eimeria tenella-infected chickens. Baba E, et al. **Am J Vet Res** 1985 Jul;46(7):1593-6

The effects of treatments of cecal contents on their protective properties against Salmonella in poults. Reid CR, et al. **Avian Dis** 1985 Jan-Mar;29(1):1-11

Inefficient in vitro killing of virulent or nonvirulent Salmonella typhimurium by murine polymorphonuclear neutrophils. Baron EJ, et al. **Can J Microbiol** 1984 Oct;30(10):1264-70

Relationship between growth temperature and shedding of lipopolysaccharides by gram-negative bacilli. Mackowiak PA. **Eur J Clin Microbiol** 1984 Oct;3(5):406-10

Conductance measurements of the lag phase of injured Salmonella typhimurium. Mackey BM, et al. **J Appl Bacteriol** 1984 Oct;57(2):299-308

Toxicity of the pyrimidine biosynthetic pathway intermediate carbamyl aspartate in Salmonella typhimurium. Turnbough CL Jr, et al. **J Bacteriol** 1985 Aug;163(2):500-5

The generation time, lag time, and minimum temperature of growth of coliform organisms on meat, and the implications for codes of practice in abattoirs. Smith MG. **J Hyg (Lond)** 1985 Jun;94(3):289-300

Differences in initial rate of intracellular killing of Salmonella typhimurium by resident peritoneal macrophages from various mouse strains. van Dissel JT, et al. **J Immunol** 1985 May;134(5):3404-10

Elimination of Salmonella typhimurium from the digestive tract by the flora of conventional chicken. Hadault S, et al. **Prog Clin Biol Res** 1985;181:163-7

Growth of Salmonella typhimurium in the caecum of gnotobiotic chickens with Eimeria tenella. Fukata T, et al. **Res Vet Sci** 1984 Sep;37(2):230-3

IMMUNOLOGY

Correlation of macrophage migration-inhibition factor and protection from challenge exposure in calves vaccinated with Salmonella typhimurium. Habasha FG, et al. **Am J Vet Res** 1985 Jul;46(7):1415-21

Vaccination of calves against Salmonella dublin with aromatic-dependent Salmonella typhimurium. Smith BP, et al. **Am J Vet Res** 1984 Sep;45(9):1858-61

The correlation between serum IgA antibody levels and resistance to infection with Salmonella typhimurium after oral immunization with various salmonellae. Srisart P, et al. **Aust J Exp Biol Med Sci** 1985 Apr;63 (Pt 2):177-82

Histopathological evidence for protective immunity induced by sonicated Salmonella vaccine. Hsu HS, et al. **Can J Microbiol** 1985 Jan;31(1):54-61

Synergistic anti-suppressor effect of mini cells prepared from Salmonella typhimurium and mitomycin C in EL 4-bearing mice. Kurashige S, et al. **Cancer Immunol Immunother** 1985;19(2):127-9

Macrophage-mediated mitogenic suppression induced in mice of the C3H lineage by a vaccine strain of Salmonella typhimurium. Lee JC, et al. **Cell Immunol** 1985 Mar;91(1):75-91

Salmonella typhimurium mitogen induces proliferation of human B lymphocytes. McChesney MB, et al. **Cell Immunol** 1985 Jun;93(1):83-90

Phenol-water extracts of gram-positive Listeria monocytogenes and gram-negative Salmonella typhimurium. Comparison of biological activities. Hofman J, et al. **Folia Microbiol (Praha)** 1985;30(3):231-6

Activation of complement system by porins extracted from Salmonella typhimurium. Galdiero F, et al. **Infect Immun** 1984 Nov;46(2):559-63

Bactericidal and opsonizing effects of normal serum on mutant strains of Salmonella typhimurium. Shaio MF, et al. **Infect Immun** 1985 Sep;49(3):647-53

Mechanism of the protective action of anti-Salmonella IgM in experimental mouse salmonellosis. Saxén H. **J Gen Microbiol** 1984 Sep;130 (Pt 9):2277-83

Immunity to infection with Salmonella typhimurium: mouse-strain differences in vaccine- and serum-mediated protection. Eisenstein TK, et al. **J Infect Dis** 1984 Sep;150(3):425-35

Immunogenic dialyzable factor derived from a ribosomal fraction of Salmonella typhimurium III. Analysis of resistance induced by dialyzable factors. Kita E, et al. **Microbiol Immunol** 1984;28(7):807-20

Immune response in mice and effects on cells by outer membrane porins from Salmonella typhimurium. Tufano MA, et al. **Microbiologica** 1984 Oct;7(4):353-66

Humoral antibody responses to experimental and spontaneous Salmonella infections in cattle measured by ELISA. Robertsson JA. **Zentralbl Veterinarmed [B]** 1984 Jun;31(5):367-80

[Protection against experimental Salmonella typhimurium infection in mice. Immunostimulating activity of heterologous Salmonella S-forms, R-mutants, lipopolysaccharides and muramyl dipeptide in vaccines combined with S. typhimurium] Schlecht S. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug;257(3):414-25 (Eng. Abstr.) **(Ger)**

[Artificial immunogens from enterobacteria. I. The immunogenicity of conjugates of the O-polysaccharide from Salmonella typhimurium with synthetic polyelectrolytes] Petrov RV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec;(12):110-3 (Eng. Abstr.) **(Rus)**

[Antigenic structure of Salmonella L forms studied by an immunoferritin method] Prozorovskii SV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):24-6 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Salmonella typhimurium bacteriuria. An increased infection rate in systemic lupus erythematosus. Frayha RA, et al. **Arch Intern Med** 1985 Apr;145(4):645-7

Salmonella typhimurium--a major serotype in infantile diarrhoea. Fule RP, et al. **Indian J Pediatr** 1984 Jul-Aug;51(411):395-6

Pericarditis associated with Salmonella [letter] Buchta RM. **J Adolesc Health Care** 1984 Oct;5(4):294

Collaborative study on the isolation of salmonella from artificially contaminated milk powder. Beckers HJ, et al. **J Appl Bacteriol** 1985 Jul;59(1):35-40

Further observations on the excretion of salmonella in the faeces of calves fed milk substitute. Hinton M, et al. **J Hyg (Lond)** 1984 Dec;93(3):539-46

Salmonellas in Danish pigs: a comparison of three isolation methods. Skovgaard N, et al. **J Hyg (Lond)** 1985 Aug;95(1):69-75

Interfering effect of Isospora suis infection on Salmonella typhimurium infection in swine. Baba E, et al. **Vet Parasitol** 1985 Apr;17(4):271-8

[Salmonella typhimurium isolated from a splenic abscess] Sözen T, et al. **Mikrobiyol Bul** 1985 Jan;19(1):36-7 (Eng. Abstr.) **(Tur)**

METABOLISM

Effects of dissolved organic carbon and second substrates on the biodegradation of organic compounds at low concentrations. Schmidt SK, et al. **Appl Environ Microbiol** 1985 Apr;49(4):822-7

Effect of pH, temperature, and potassium sorbate on amino acid uptake in Salmonella typhimurium 7136. Tuncan EU, et al. **Appl Environ Microbiol** 1985 Mar;49(3):505-8

Fermentation mechanism of fucose and rhamnose in Salmonella typhimurium and Klebsiella pneumoniae. Badía J, et al. **J Bacteriol** 1985 Jan;161(1):435-7

Salmonella typhimurium contains an anion-selective outer membrane porin induced by phosphate starvation. Bauer K, et al. **J Bacteriol** 1985 Feb;161(2):813-6

Phosphoproteins and the phosphoenolpyruvate: sugar phosphotransferase system in Salmonella typhimurium and Escherichia coli: evidence for IIImannose, IIIfructose, IIIglucitol, and the phosphorylation of enzyme IImannitol and enzyme IIN-acetylglucosamine. Waygood EB, et al. **J Cell Biochem** 1984;25(3):139-59 (59 ref.)

NAD metabolism in Salmonella typhimurium: isolation of pyridine analogue supersensitive (pas) and pas suppressor mutants. Foster JW, et al. **J Gen Microbiol** 1984 Nov;130 (Pt 11):2873-81

A Salmonella typhimurium strain defective in uracil catabolism and beta-alanine synthesis. West TP, et al. **J Gen Microbiol** 1985 May;131 (Pt 5):1083-90

Covalent modification of bacterial glutamine synthetase: physiological significance. Kustu S, et al. **MGG** 1984;197(2):309-17

Mutagenicity of derivatives and metabolites of 1-nitropyrene: activation by rat liver S9 and bacterial enzymes. Ball LM, et al. **Mutat Res** 1984 Nov-Dec;138(2-3):113-25

1-Nitrosopyrene: an intermediate in the metabolic activation of 1-nitropyrene to a mutagen in Salmonella typhimurium TA1538. Heflich RH, et al. **Mutat Res** 1985 Mar;149(1):25-32

Sulphate sequestered in the sulphate-binding protein of Salmonella typhimurium is bound solely by hydrogen bonds. Pflugrath JW, et al. **Nature** 1985 Mar 21-27;314(6008):257-60

[Iron uptake of Salmonella typhimurium strains from different epidemiological sources] Rabsch W, et al. **J Basic Microbiol** 1985;25(2):119-26 (Eng. Abstr.) **(Ger)**

PATHOGENICITY

Invasiveness of Salmonella typhimurium in HEp-2 cell cultures pretreated with UV-inactivated coxsackie virus. Bukholm G, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Feb;93(1):61-5

Invasiveness of Salmonella typhimurium in HEp-2 cell cultures pre-infected with Mycoplasma hominis and Mycoplasma orale. Bukholm G, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Feb;93(1):67-72

Enterotoxigenicity among Salmonella typhimurium strains isolated in France. Baloda SB, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):129-31

Flagella of Salmonella typhimurium are a virulence factor in infected C57BL/6J mice. Carsiotis M, et al. **Infect Immun** 1984 Dec;46(3):814-8

Effect of age on fever and acute-phase response of rats to endotoxin and Salmonella typhimurium. Tocco-Bradley R, et al. **Infect Immun** 1985 Jan;47(1):106-11

Flagella help Salmonella typhimurium survive within murine macrophages. Weinstein DL, et al. **Infect Immun** 1984 Dec;46(3):819-25

PHYSIOLOGY

Neither methylating nor demethylating enzymes are required for bacterial chemotaxis. Stock J, et al. **Cell** 1985 Sep;42(2):683-90

Ion selectivity of gram-negative bacterial porins. Benz R, et al. **J Bacteriol** 1985 May;162(2):722-7

Osmotic regulation of L-proline transport in Salmonella typhimurium. Dunlap VJ, et al. **J Bacteriol** 1985 Jul;163(1):296-304

The protein carboxylmethyltransferase involved in Escherichia coli and Salmonella typhimurium chemotaxis. Stock JB, et al. **Methods Enzymol** 1984;106:310-21

Solubilization of a vectorial transmembrane receptor in functional form: aspartate receptor of chemotaxis. Bogonez E, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4891-5

RADIATION EFFECTS

Quantitation of the photomutagenic response of Salmonella to an Eastern shale oil and fluorescent light. Selby C, et al. **Photochem Photobiol** 1984 Sep;40(3):329-32

Comparative lethal effects of uv and ionizing radiation in Ames tester strains of Salmonella. Isildar M, et al. **Radiat Res** 1985 Sep;103(3):461-5

Radiation-induced mutagenicity and lethality in ames tester strains of salmonella. Isildar M, et al. **Radiat Res** 1984 Nov;100(2):396-411

[Biological effects of the combined action of laser radiation and hematoporphyrin on a strain of Salmonella typhimurium (TA 100)] Curci E, et al. **G Batteriol Virol Immunol** 1983 Jul-Dec;76(7-12):290-9 (Eng. Abstr.) **(Ita)**

ULTRASTRUCTURE

Purification and characterization of the flagellar hook-basal body complex of Salmonella typhimurium. Aizawa SI, et al. **J Bacteriol** 1985 Mar;161(3):836-49

An alkyl imidate labeling study of the organization of phospholipids and proteins in the lipid-containing bacteriophage PR4. Davis TN, et al. **J Biol Chem** 1985 Jan 10;260(1):663-71

[Ultrastructure of the unbalanced growth forms of Salmonellae obtained by the action of various factors] Kats LN, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):50-4 (Eng. Abstr.) **(Rus)**

[Structural characteristics of the remote interaction of Shigella and Salmonella with enterocytes of experimental animals] Koval'chuk VK, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):68-72 (Eng. Abstr.) **(Rus)**

SALMONELLA TYPHOSA see **SALMONELLA TYPHI**

SALMONIDAE

Extracellular virulence factors of fish Vibrio: relationships between toxic material, hemolysin, and proteolytic enzyme. Kodama H, et al. **Am J Vet Res** 1984 Oct;45(10):2203-7

Separating starvation losses from other early feeding fry mortality in steelhead trout Salmo gairdneri, chinook salmon Oncorhynchus tshawytscha, and lake trout Salvelinus namaycush. Skea JC, et al. **Bull Environ Contam Toxicol** 1985 Jul;35(1):82-91

The sensitivity of rainbow trout and other fish to carcinogens. Bailey GS, et al. **Drug Metab Rev** 1984;15(4):725-50 (84 ref.)

Distribution and persistence of aminocarb in stream water, sediment and fish after application of three Matacil formulations. Sundaram KM, et al. **J Environ Sci Health [B]** 1985 Apr;20(2):187-200

Comparative sensitivities of diagnostic procedures used to detect bacterial kidney disease in salmonid fishes. Cipriano RC, et al. **J Wildl Dis** 1985 Apr;21(2):144-8

Furunculosis in rainbow trout (Salmo gairdneri) raised in sea water. Boomker J, et al. **Onderstepoort J Vet Res** 1984 Jun;51(2):91-4

Some aspects of virus shedding by rainbow trout (Salmo gairdneri Rich.) after waterborne infection with viral haemorrhagic septicaemia (VHS) virus. Neukirch M, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug;257(3):433-8

Occurrence of VHS virus in wild white fish (Coregonus sp.). Ahne W, et al. **Zentralbl Veterinarmed [B]** 1985 Jan;32(1):73-5

[Hemorrhagic septicemia in rainbow trout due to Yersinia ruckeri sp. nov.] Gelev I, et al. **Vet Med Nauki** 1984;21(6):84-90 (Eng. Abstr.) **(Bul)**

[An improved method for the diagnosis of whirling disease (Myxosoma cerebralis, Hofer 1903) in rainbow trout] Hermanns W, et al. **Berl Munch Tierarztl Wochenschr** 1985 Apr 1;98(4):126-9 (Eng. Abstr.) **(Ger)**

[Proliferative kidney disease in salmonid fish] Hoffmann R, et al. **Berl Munch Tierarztl Wochenschr** 1984 Aug 1;97(8):288-91 (Eng. Abstr.) **(Ger)**

[Viral hemorrhagic septicemia in rainbow trout (Salmo gairdneri Rich.): effect of water temperature and body weight on mortality following experimental infection in water] Neukirch M. **Berl Munch Tierarztl Wochenschr** 1984 Sep 1;97(9):329-32 (Eng. Abstr.) **(Ger)**

[Diseases of fresh-water fish as an impairment of fish for human consumption] Schlotfeldt HJ. **Tierarztl Prax** 1984; 12(2):263-8 **(Ger)**

[Vibriosis and furunculosis. 2 fish diseases of rainbow trout in intensive aquacultures] Steinhagen P, et al. **Tierarztl Prax** 1984;12(1):93-103 **(Ger)**

ANATOMY & HISTOLOGY

The caudal heart of fish: not a lymph heart. Vogel WO. **Acta Anat (Basel)** 1985;121(1):41-5

Trout hepatocyte culture: isolation and primary culture. Klaunig JE, et al. **In Vitro Cell Dev Biol** 1985 Apr; 21(4):221-8

BLOOD

Plasma cortisol levels of female rainbow trout (Salmo gairdneri) at the end of the reproductive cycle: relationship with oocyte stages. Bry C. **Gen Comp Endocrinol** 1985 Jan; 57(1):47-52

Free T4 and T3 in relation to total hormone, free hormone indices, and protein in plasma of rainbow trout and arctic charr. Eales JG, et al. **Gen Comp Endocrinol** 1985 May; 58(2):291-302

Immersion of rainbow trout in 3,5,3'-triiodo-L-thyronine (T3): effects on plasma T3 levels and hepatic nuclear T3 binding. Omeljaniuk RJ, et al. **Gen Comp Endocrinol** 1985 Apr;58(1):81-8

Serum levels of 11-oxotestosterone in male and 17 beta-estradiol in female rainbow trout (Salmo gairdneri) during the first reproductive cycle. Schulz R. **Gen Comp Endocrinol** 1984 Oct;56(1):111-20

Stress-induced elevation of plasma alpha-MSH and endorphin in brown trout, Salmo trutta L. Sumpter JP, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):257-65

Ontogeny and evolution of salmonid hemoglobins. Wilkins NP. **Int Rev Cytol** 1985;94:269-98 (47 ref.)

Effects of in vivo and in vitro changes in PO2 on the deformability of red blood cells of rainbow trout (Salmo gairdneri R.). Hughes GM, et al. **J Exp Biol** 1984 Jul; 111:253-7

A transient sodium-hydrogen exchange system induced by catecholamines in erythrocytes of rainbow trout, Salmo gairdneri. Baroin A, et al. **J Physiol (Lond)** 1984 Nov; 356:21-31

EMBRYOLOGY

Innervation of the early pelvic fin bud of the trout embryo, Salmo gairdneri. Géraudie J. **J Morphol** 1985 Apr; 184(1):61-73

Microinjection of carcinogens into rainbow trout embryos: an in vivo carcinogenesis assay. Metcalfe CD, et al. **JNCI** 1984 Nov;73(5):1125-32

GENETICS

The in vitro transcription of a rainbow trout (Salmo gairdnerii) protamine gene. II. Controlled mutation of the cap site region. Jankowski JM, et al. **Biosci Rep** 1985 Feb; 5(2):113-20

Increased response of the rainbow trout gonad cell unscheduled DNA repair assay. Walton DG, et al. **Bull Environ Contam Toxicol** 1985 Mar;34(3):340-8

Chromosome banding in salmonid fish: nucleolar organizer regions in Salmo and Salvelinus. Phillips R, et al. **Can J Genet Cytol** 1985 Aug;27(4):433-40

Chromosome relationships in the genus Salmo. Hartley SE, et al. **Chromosoma** 1984;90(3):229-37

DNA homologies between the rainbow trout, chum salmon and coho salmon. Thorgaard GH, et al. **Comp Biochem Physiol [B]** 1985;81(1):81-5

Identification of sex chromosomes in lake trout (Salvelinus namaycush). Phillips RB, et al. **Cytogenet Cell Genet** 1985; 39(1):14-8

Heterozygosity and developmental stability in gynogenetic diploid and triploid rainbow trout. Leary RF, et al. **Heredity (Edinburgh)** 1985 Apr;54 (Pt 2):219-25

Production of androgenetic diploid rainbow trout. Parsons JE, et al. **J Hered** 1985 May-Jun;76(3):177-81

Organization of the histone genes in the rainbow trout (Salmo gairdnerii). Connor W, et al. **J Mol Evol** 1984; 20(3-4):227-35

Organization and nucleotide sequence of rainbow trout histone H2A and H3 genes. Connor W, et al. **J Mol Evol** 1984;20(3-4):236-50

[Mitotic chromosomes of the rainbow trout (Salmo gairdneri)] Schniedewind H, et al. **Zentralbl Veterinarmed [A]** 1985 Jan;32(1):31-42 (Eng. Abstr.) **(Ger)**

[Meiotic chromosomes of the rainbow trout (Salmo gairdneri)] Schniedewind H, et al. **Zentralbl Veterinarmed [A]** 1985 Jan;32(1):24-30 (Eng. Abstr.) **(Ger)**

GROWTH & DEVELOPMENT

Effects of reduced pH on three life stages of Sunapee char Salvelinus alpinus. Jagoe CH, et al. **Bull Environ Contam Toxicol** 1984 Oct;33(4):430-8

Neuronal increase in the trout (Salmo trutta fario) spinal cord during development. Alfei L, et al. **Cell Mol Biol** 1984; 30(5):471-8

Changes in the fatty acid composition of steelhead trout, Salmo gairdnerii Richardson, associated with parr-smolt transformation. Sheridan MA, et al. **Comp Biochem Physiol [B]** 1985;80(4):671-6

Riboflavin requirement for growth, tissue saturation and maximal flavin-dependent enzyme activity in young rainbow trout (Salmo gairdneri) at two temperatures. Woodward B. **J Nutr** 1985 Jan;115(1):78-84

Importance of contaminated food for the uptake of heavy metals in the rainbow trout, Salmo gairdneri. Segner H, et al. **Naturwissenschaften** 1985 Jul;72(7):379-80

Lipid transport systems: some recent aspects in swine, cattle and trout during development. Chapman MJ, et al. **Reprod Nutr Dev** 1985;25(1B):217-26 (25 ref.)

[Use of food treated with gamma radiation in the feeding of rainbow trout (Salmo gairdnerii irideus)] Grümberg J, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):83-93 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Evolution of antibody structure and effector functions: comparative hemolytic activities of monomeric and tetrameric IgM from rainbow trout, Salmo gairdnerii. Elcombe BM, et al. **Comp Biochem Physiol [B]** 1985; 80(4):697-706

The immune response in immunized and naturally infected rainbow trout (Salmo gairdneri) to Diplostomum spathaceum as detected by enzyme-linked immunosorbent assay (ELISA). Bortz BM, et al. **Dev Comp Immunol** 1984 Fall;8(4):813-22

Effect of different adjuvants on the humoral immune response of rainbow trout. Cossarini-Dunier M. **Dev Comp Immunol** 1985 Winter;9(1):141-6

Eosinophilic granular cells (EGC) and histamine responses to Aeromonas salmonicida toxins in rainbow trout. Ellis AE. **Dev Comp Immunol** 1985 Spring;9(2):251-60

Induction of nonspecific immunosuppression in a primitive teleost, rainbow trout (Salmo gairdneri). Sakai DK. **Dev Comp Immunol** 1984 Summer;8(3):569-78

The migration of labelled thymocytes to the peripheral lymphoid organs in the rainbow trout, Salmo gairdneri richardson. Tatner MF. **Dev Comp Immunol** 1985 Winter; 9(1):85-91

Identification and characterization of a variant of the third component of complement (C3) in rainbow trout (Salmo gairdneri) serum. Nonaka M, et al. **J Biol Chem** 1985 Jan 25;260(2):809-15

Suppression of bath immunization in rainbow trout by contaminant bath pretreatments. Anderson DP, et al. **Prog Clin Biol Res** 1984;161:289-93

[Results of serological studies for the determination of antibodies against infectious pancreatic necrosis, viral hemorrhagic septicemia and spring viremia viruses in Schleswig-Holstein and their legal consequences] Hoppe K, et al. **DTW** 1985 May 7;92(5):172-4 (Eng. Abstr.) **(Ger)**

METABOLISM

Isolated perfused head of rainbow trout. II. Ionic fluxes. Perry SF, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R255-61

Thymosin beta 11: a peptide from trout liver homologous to thymosin beta 4. Erickson-Viitanen S, et al. **Arch Biochem Biophys** 1984 Sep;233(2):815-20

Short-term and long-term effects of cadmium on glycogen reserves and liver size in rainbow trout (Salmo gairdneri Richardson). Lowe-Jinde L, et al. **Arch Environ Contam Toxicol** 1984 Nov;13(6):755-64

Distribution of fenitrothion residues in brook trout (Salvelinus fontinalis) and lake trout (Salvelinus namaycush) tissues following aerial applications to Lac Ste-Anne, Québec. Holmes SB, et al. **Bull Environ Contam Toxicol** 1984 Oct;33(4):468-75

Constituent bioconcentration in rainbow trout exposed to a complex chemical mixture. Linder G, et al. **Bull Environ Contam Toxicol** 1984 Sep;33(3):330-8

A study of androgen-stimulated L-leucine transport by the intestine of rainbow trout (Salmo gairdneri Richardson) in vitro. Habibi HR, et al. **Comp Biochem Physiol [A]** 1984; 79(1):143-9

Evaluation of glutamic acid and glycine as sources of nonessential amino acids for lake trout (Salvelinus namaycush) and rainbow trout (Salmo gairdnerii). Hughes SG. **Comp Biochem Physiol [A]** 1985;81(3):669-71

Influence of salinity and ratio of lipid to protein in diets on certain enzyme activities in rainbow trout (Salmo gairdneri Richardson). Jürss K, et al. **Comp Biochem Physiol [B]** 1985; 81(1):73-9

Metabolism of [14C]2-methylnaphthalene by rainbow trout (Salmo gairdneri) in vivo. Melancon MJ, et al. **Comp Biochem Physiol [C]** 1984;79(2):331-6

Conversion of procarcinogens to mutagens by the S-9 fraction from the liver of rainbow trout (Salmo gairdneri): inducibility with PCB, 3-methylcholanthrene and phenobarbital and inhibition by metyrapone and alpha-naphthoflavone. Miyauchi M. **Comp Biochem Physiol [C]** 1984;79(2):363-7

Isolation and partial characterization of a non-thionein, zinc-binding protein from the liver of rainbow trout (Salmo gairdneri). Pierson KB. **Comp Biochem Physiol [C]** 1985; 80(2):299-304

Occurrence and synthesis of a non-thionein, zinc-binding protein in the rainbow trout (Salmo gairdneri). Pierson KB. **Comp Biochem Physiol [C]** 1985;81(1):71-5

The effect of monooxygenase inducing agents on the incorporation of [35S]methionine into hepatic microsomal protein of rainbow trout (Salmo gairdneri). Vodicnik MJ, et al. **Comp Biochem Physiol [C]** 1984;79(2):271-6

Correlation of benzene metabolism and histological lesions in rainbow trout (Salmo gairdneri). Cooper KR, et al. **Drug Metab Rev** 1984;15(4):673-96

Toxic impact of effluents from petrochemical industry. Nikunen E. **Ecotoxicol Environ Safety** 1985 Feb;9(1):84-91

An arsenic-binding protein in rainbow trout. Oladimeji AA. **Ecotoxicol Environ Safety** 1985 Feb;9(1):1-5

In vivo and in vitro studies on the release of cortisol from interrenal tissue in trout. I. Effects of ACTH and prostaglandins. Gupta OP, et al. **Exp Biol** 1985;43(3):201-12

Xenobiotics in gametes of Lake Michigan lake trout (Salvelinus namaycush) induce hepatic monooxygenase activity in their offspring. Binder RL, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):1042-54

Influence of sex steroids on the catecholamine biosynthesis in chromaffin tissue from rainbow trout, Salmo gairdneri. Jönsson AC, et al. **Gen Comp Endocrinol** 1984 Aug; 55(2):200-7

RIA determination and immunofluorescence localization of cyclic nucleotides in rainbow trout (Salmo gairdneri) testes. Schulz R, et al. **Gen Comp Endocrinol** 1985 Feb;57(2):301-8

A field study of Ra accumulation in trout with assessment of radiation dose to man. Rope SK, et al. **Health Phys** 1985 Aug;49(2):247-57

Sensitive enzyme immunoassay of colistin and its application to detect residual colistin in rainbow trout tissue. Kitagawa T, et al. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):661-4

Immunohistochemical localization of myelin basic protein in the developing optic system of trout. Jeserich G, et al. **J Neurosci Res** 1985;13(4):529-38

Bioconcentration and metabolism of picric acid (2,4,6-trinitrophenol) and picramic acid (2-amino-4,6-dinitrophenol) in rainbow trout Salmo gairdneri. Cooper KR, et al. **J Toxicol Environ Health** 1984; 14(5-6):731-47

Hepatocarcinogenicity of benzo[a]pyrene to rainbow trout by dietary exposure and intraperitoneal injection. Hendricks JD, et al. **JNCI** 1985 Apr;74(4):839-51

Substance P acts by releasing 5-hydroxytryptamine from enteric neurons in the stomach of the rainbow trout, Salmo gairdneri. Holmgren S, et al. **Neuroscience** 1985 Feb; 14(2):683-93

Influence of environmental temperature on the induction of xenobiotic metabolism by beta-naphthoflavone in rainbow trout, Salmo gairdneri. Andersson T, et al. **Toxicol Appl Pharmacol** 1985 Aug;80(1):45-50

Uptake, disposition, and elimination of acrylamide in rainbow trout. Petersen DW, et al. **Toxicol Appl Pharmacol** 1985 Aug;80(1):58-65

Annual variations in the visual pigments of brown trout inhibiting lochs providing different light environments. Muntz WR, et al. **Vision Res** 1984;24(11):1575-80

Disposition and metabolism of chloramphenicol in trout. Cravedi JP, et al. **Xenobiotica** 1985 Feb;15(2):115-21

[Changes in the activity of trout lysosomal enzymes during fasting] Krupnova MIu, et al. **Ukr Biokhim Zh** 1985 May-Jun;57(3):62-5 (Eng. Abstr.) **(Rus)**

[Acid proteinase from the roe of the trout Salmo gairdneri R.] Nemova NN, et al. **Ukr Biokhim Zh** 1985 May-Jun; 57(3):22-6 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

In vitro and in vivo detection of infectious pancreatic necrosis virus in fish by enzyme-linked immunosorbent assay. Hattori M, et al. **Am J Vet Res** 1984 Sep;45(9):1876-9

Plasmid coding for transferable drug resistance in bacteria isolated from cultured rainbow trout. Toranzo AE, et al. **Appl Environ Microbiol** 1984 Oct;48(4):872-7

Comparison of in vitro growth characteristics of ten isolates of infectious haematopoietic necrosis virus. Mulcahy D, et al. **J Gen Virol** 1984 Dec;65 (Pt 12):2199-207

PHYSIOLOGY

Intracellular pH transients in rainbow trout tissues measured by dimethadione distribution. Milligan CL, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):R668-73

Isolated perfused head of rainbow trout. I. Gas transfer, acid-base balance, and hemodynamics. Perry SF, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R246-54

Toxicities of butoxyethanol ester and propylene glycol butyl ether ester formulations of 2,4-dichlorophenoxy acetic acid (2,4-D) to juvenile salmonids. Finlayson BJ, et al. **Arch Environ Contam Toxicol** 1985 Mar;14(2):153-60

Histologic and skeletal abnormalities in benzo(a)pyrene-treated rainbow trout alevins. Hose JE, et al. **Arch Environ Contam Toxicol** 1984 Nov;13(6):675-84

The dependence of trout's electroretinographic response on temporal gradient of luminance. II. The off-response. Penzlin H, et al. **Biomed Biochim Acta** 1985;44(3):449-54

The characteristics of the electro-olfactogram (EOG): its loss and recovery following olfactory nerve section in rainbow trout (Salmo gairdneri). Evans RE, et al. **Brain Res** 1985

Mar 18;330(1):65-75

Chromophores in the extraretinal photoreceptor (pineal organ) of teleosts. Tabata M, et al. **Brain Res** 1985 Jul 8; 338(1):173-6

Toxicity of a new pyrethroid insecticide, WL85871, to rainbow trout. Shires SW. **Bull Environ Contam Toxicol** 1985 Jan;34(1):134-7

Vascular permeability (problem of the blood-brain barrier) in the pineal organ of the rainbow trout, Salmo gairdneri. Omura Y, et al. **Cell Tissue Res** 1985;239(3):599-610

Increase of steroid-producing cells in interrenal tissue and masculinization of gonads after long-term treatment of juvenile rainbow trout with cyanoketone. van den Hurk R, et al. **Cell Tissue Res** 1984;237(2):285-9

Modification of glyceraldehyde-3-phosphate dehydrogenase, EC 1.2.1.12, isolated from rainbow trout during acclimation at 5 or 15 degrees C--I. Changes in the activity of individual muscle isolates as evidence for variable adaptive responses. Phelan M, et al. **Comp Biochem Physiol [B]** 1984; 79(2):135-8

Modification of glyceraldehyde-3-phosphate dehydrogenase, EC 1.2.1.12, isolated from rainbow trout during acclimation at 5 or 15 degrees C--II. Biochemical characterization of G3PDH muscle isolates. Phelan M, et al. **Comp Biochem Physiol [B]** 1984;79(2):139-46

A comparative study of the hepatotoxicity of monochlorobenzene in the rainbow trout (Salmo gairdnerii) and the Sprague-Dawley rat. Dalich GM, et al. **Comp Biochem Physiol [C]** 1985;80(1):115-22

Effect of temperature on the rainbow trout lens. Iwata S. **Curr Eye Res** 1985 Apr;4(4):441-6

In vitro degradation of endocytosed protein in pronephros cells of the char (Salmo alpinus L.). The effects of temperature and inhibitors. Dannevig BH, et al. **Dev Comp Immunol** 1985 Spring;9(2):231-40

Random and directed migration of trout (Salmo gairdneri) leukocytes: activation by antibody, complement, and normal serum components. Griffin BR. **Dev Comp Immunol** 1984 Summer;8(3):589-97

Endocytosis of a mannose-terminated glycoprotein and formaldehyde-treated human serum albumin in liver and kidney cells from fish (Salmo alpinus L.). Smedsrud T, et al. **Dev Comp Immunol** 1984 Summer;8(3):579-88

Action of organophosphates on the electroretinogram of rainbow trout. Kreft WD, et al. **Exp Biol** 1985;44(1):19-27

Seasonal variations in parameters of milt production and in plasma concentration of sex steroids of male rainbow trout (Salmo gairdneri). Baynes SM, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):150-60

The brain-pituitary-gonadal axis in the rainbow trout, Salmo gairdneri. III. Absence of an inhibiting action of testosterone on gonadotrophin release in juveniles. Gielen JT, et al. **Gen Comp Endocrinol** 1984 Dec;56(3):457-65

Evidence for dopaminergic and serotonergic regulation of prolactin cell activity in the trout Salmo gairdneri. James VA, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):231-9

Control of renal and adrenocortical function by the renin-angiotensin system in two euryhaline teleost fishes. Kenyon CJ, et al. **Gen Comp Endocrinol** 1985 Apr; 58(1):93-100

Influence of testosterone on precocious sexual development in immature rainbow trout. Magri MH, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):411-21

Effects of N-terminal peptide of salmon proopiocortin on interrenal function of the rainbow trout. Takahashi A, et al. **Gen Comp Endocrinol** 1985 May;58(2):328-35

Effects of natural androgens and corticosteroids on gonad differentiation in the rainbow trout, Salmo gairdneri. van den Hurk R, et al. **Gen Comp Endocrinol** 1985 Feb; 57(2):216-22

A black background facilitates the response to stress in teleosts. Gilham ID, et al. **J Endocrinol** 1985 Apr; 105(1):99-105

Hypoosmoregulation in an anadromous teleost: influence of sex and maturation. McCormick SD, et al. **J Exp Zool** 1985 May;234(2):193-8

Correlation of hepatic blood flow as measured by laser Doppler velocimetry with hepatobiliary transport in trout. Kemp CJ, et al. **Proc West Pharmacol Soc** 1984;27:267

Incidence of (n-3) essential fatty acid deficiency on trout reproductive processes. Leray C, et al. **Reprod Nutr Dev** 1985;25(3):567-81

SALPINGITIS

Salpingitis and pelvic inflammatory disease. Swinker ML. **Am Fam Physician** 1985 Jan;31(1):143-9

COMPLICATIONS

Influence of sexually transmitted diseases on sterility and ectopic pregnancy. Weström L. **Acta Eur Fertil** 1985 Jan-Feb;16(1):21-4

Risk of ectopic pregnancy after salpingitis [letter] Hockin JC. **Br J Vener Dis** 1984 Dec;60(6):409

Pelvic endometriosis and tubal inflammatory disease. Forrest J, et al. **Int J Gynecol Pathol** 1984;3(4):343-7

Periappendicitis and chlamydial salpingitis. Mårdh PA, et al. **Surg Gynecol Obstet** 1985 Apr;160(4):304-6

[Pathogenesis of pain in chronic salpingo-oophoritis] Podzolkova NM, et al. **Akush Ginekol (Mosk)** 1984 Aug; (8):5-9 (52 ref.) **(Rus)**

[Genital chlamydia infection causing acute periappendicitis and acute pericolitis] Thornell E, et al. **Lakartidningen** 1985 Mar 6;82(10):857 **(Swe)**

DIAGNOSIS

Anatomic sites of upper genital tract infection. Heinonen PK, et al. **Obstet Gynecol** 1985 Sep;66(3):384-90

[The value of echography in the diagnosis and surveillance of inflammatory disorders of the fallopian tubes] Alvarez H, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984; 13(3):254-8 **(Fre)**

[Salpingitis in children before puberty. Apropos of 2 cases] Souteyrand P, et al. **Rev Fr Gynecol Obstet** 1985 Apr; 80(5):287-91 (Eng. Abstr.) **(Fre)**

[Our experience in the serodetection of Chlamydia infections in tubal pathology] Vitse M, et al. **Rev Fr Gynecol Obstet** 1985 Apr;80(5):255-71 (Eng. Abstr.) **(Fre)**

[Genital Chlamydia infection in the female] Schmidt JB. **Gynakol Rundsch** 1985;25(1):65-8 **(Ger)**

[Clinical aspects and therapy of 'upper gonorrhea'] Wagner G. **Gynakol Rundsch** 1985;25(1):56-8 **(Ger)**

[Diagnostic value of laparoscopy in patients with infertility and oligomenorrhea] Olaie-Gberevbie FCh, et al. **Akush Ginekol (Mosk)** 1984 Nov;(11):67-9 (Eng. Abstr.) **(Rus)**

[Use of immunologic tuberculin provocation tests in the diagnosis of tuberculosis of the female internal genital organs] Gogebashvili NV, et al. **Probl Tuberk** 1984 Sep; (9):49-51 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

The next 10 years in the treatment of pelvic infections. Ledger WJ. **Am J Med** 1985 Jun 28;78(6B):194-203

Choice of antibiotics and length of therapy in the treatment of acute salpingitis. Monif GR. **Am J Med** 1985 Jun 28; 78(6B):188-93

Cefotaxime treatment for women with community-acquired pelvic abscesses. Hemsell DL, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):771-7

High failure rates in outpatient treatment of salpingitis with either tetracycline alone or penicillin/ampicillin combination. Thompson SE, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):635-41

Acute salpingitis and thiamphenicol: a microbiologic and therapeutic study. Kunz J, et al. **Sex Transm Dis** 1984 Oct-Dec;11(4 Suppl):449-53

Thiamphenicol for treatment of salpingitis. Vige PM, et al. **Sex Transm Dis** 1984 Oct-Dec;11(4 Suppl):441-3

ETIOLOGY

Postabortal pelvic infection associated with Chlamydia trachomatis and the influence of humoral immunity. Osser S, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):699-703

Haemophilus influenzae causes purulent salpingitis. Paavonen J, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):338-9

Acute salpingitis. Diagnostic and therapeutic dilemmas. Gilbert GL. **Aust Fam Physician** 1984 Sep;13(9):665-72

Infections with Neisseria gonorrhoeae and Chlamydia trachomatis in women with acute salpingitis. Kristensen GB, et al. **Genitourin Med** 1985 Jun;61(3):179-84

Importance of Mycoplasma hominis in acute salpingitis assessed by culture and serological tests. Lind K, et al. **Genitourin Med** 1985 Jun;61(3):185-9

The development of infections of the genitourinary tract in the wives of infertile males and the possible role of spermatozoa in the development of salpingitis. Toth A, et al. **Surg Gynecol Obstet** 1984 Dec;159(6):565-9

[Salpingitis after laparoscopic sterilization] Blaakaer J, et al. **Ugeskr Laeger** 1984 Oct 29;146(44):3373 (Eng. Abstr.) **(Dan)**

[Acute gonococcal salpingitis] Body G, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(4):477-85 (Eng. Abstr.) **(Fre)**

[Consequences of sexually transmitted diseases in women: salpingitis] Henry-Suchet J. **Rev Fr Gynecol Obstet** 1984 Oct;79(10):625-33 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

Natural killer cell activity after gynecologic infections with chlamydia. Onsrud M, et al. **Acta Obstet Gynecol Scand** 1984;63(7):613-5

Immunoperoxidase localization of chlamydial antigens in acute salpingitis. Winkler B, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):275-8

Type II collagen-induced autoimmune salpingitis in rats. Tomoda K, et al. **Ann Otol Rhinol Laryngol** 1985 Mar-Apr; 94(2 Pt 1):156-61

Pelvic inflammatory disease in patients infected with Chlamydia trachomatis: in vitro cell mediated immune response to chlamydial antigens. Hallberg T, et al. **Genitourin Med** 1985 Aug;61(4):247-51

[Mycoplasma hominis salpingitis. A serological study] Eng J, et al. **Tidsskr Nor Laegeforen** 1985 Mar 30; 105(9-10):671-3 (Eng. Abstr.) **(Nor)**

METABOLISM

[Histoenzymological and hormonal parallels in the study of the ovaries and uterus in experimental salpingo-oophoritis] Kitaev EM, et al. **Akush Ginekol (Mosk)** 1985 Feb;(2):52-4 **(Rus)**

MICROBIOLOGY

Detection of herpes simplex virus in women with acute pelvic inflammatory disease. Lehtinen M, et al. **J Infect Dis** 1985 Jul;152(1):78-82

Endometritis and acute salpingitis associated with Chlamydia trachomatis and herpes simplex virus type two. Paavonen J, et al. **Obstet Gynecol** 1985 Feb;65(2):288-91

PATHOLOGY

Diverticulosis and salpingitis isthmica nodosa (SIN) of the fallopian tube. Estrogen-induced diverticulosis and SIN of the mouse oviduct. Newbold RR, et al. **Am J Pathol** 1984 Nov;117(2):333-5

Microbiological and histological findings in the fallopian tubes of women using various contraceptive methods. Collins JA, et al. **Contraception** 1984 Nov;30(5):457-66

Laparoscopic findings and contraceptive use in women with signs and symptoms suggestive of acute salpingitis. Wølner-Hanssen P, et al. **Obstet Gynecol** 1985 Aug; 66(2):233-8

[Ciliary activity of cells of the fallopian tubes (apropos of the sequellae of salpingitis)] Aubriot FX, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(6):617-20 (Eng. Abstr.) **(Fre)**

PREVENTION & CONTROL

[Prevention of Chlamydia trachomatis infections in women] Henrion R. **Rev Fr Gynecol Obstet** 1984 Oct;79(10):603-7 (Eng. Abstr.) **(Fre)**

RADIOGRAPHY

Salpingitis isthmica nodosa in female infertility. Karasick S, et al. **J Can Assoc Radiol** 1985 Jun;36(2):118-21

Salpingitis isthmica nodosa: radiologic and clinical correlates. Creasy JL, et al. **Radiology** 1985 Mar;154(3):597-600

SURGERY

[Acute pyosalpinx as a sudden acute abdomen] Košt'ál M, et al. **Cesk Gynekol** 1985 May;50(4):287-9 **(Cze)**

THERAPY

[What therapeutic method is to be recommended today for acute salpingitis in young girls and women?] Kolmorgen K. **Zentralbl Gynakol** 1985;107(11):717-8 **(Ger)**

[Tolerance of moderate normobaric hypoxia by patients with chronic salpingo-oophoritis] Chizhov AIa, et al. **Akush Ginekol (Mosk)** 1984 Nov;(11):59-62 (Eng. Abstr.) **(Rus)**

[Use of acupuncture in chronic non-specific recurrent salphingo- oophritis] Zharkin NA. **Akush Ginekol (Mosk)** 1984 Aug;(8):48-50 **(Rus)**

[Treatment of chronic salpingo-oophoritis with fluxiorization and low-frequency short-impulse currents] Strugatskiĭ VM, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep-Oct;(5):26-30 (Eng. Abstr.) **(Rus)**

SALPINGOGRAPHY see **HYSTEROSALPINGOGRAPHY**

SALSOLINE ALKALOIDS see under **ISOQUINOLINES**

SALT GLAND

ANATOMY & HISTOLOGY

Morphology of isolated crustacean larval salt glands. Lowy RJ, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):R709-16

CYTOLOGY

Primary culture of duck salt gland. I. Morphology of confluent cell layers. Lowy RJ, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C32-40

ENZYMOLOGY

Spin-label studies of lipid-protein interactions in (Na+,K+)-ATPase membranes from rectal glands of Squalus acanthias. Esmann M, et al. **Biochemistry** 1985 Mar 12;24(6):1386-93

Occlusion of Rb+ by detergent-solubilized (Na+ + K+)-ATPase from shark salt glands. Esmann M. **Biochim Biophys Acta** 1985 May 14;815(2):196-202

[The effect of ATP analogues on ATPase and phosphatase activities of Na+, K+-ATPase for duck salt glands.] Lopina OD, et al. **Ukr Biokhim Zh** 1985 Mar-Apr; 57(2):19-24 (Eng. Abstr.) **(Rus)**

METABOLISM

Comparisons of nine heavy metals in salt gland and liver of greater scaup (Aythya marila), black duck (Anas rubripes) and mallard (A. platyrhynchos). Burger J, et al. **Comp Biochem Physiol [C]** 1985;81(2):287-92

Cellular mechanism of HCO-3 and Cl- transport in insect salt gland. Strange K, et al. **J Membr Biol** 1985; 83(1-2):25-37

PHYSIOLOGY

Salt gland and kidney responses to intracerebral osmotic stimulation in salt- and water-loaded ducks. Gerstberger R, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R1022-8

Isolation and functional characterization of crustacean larval salt gland. Lowy RJ, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):R702-8

Primary culture of duck salt gland. II. Neurohormonal stimulation of active transport. Lowy RJ, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C41-7

Primary role of volume expansion in stimulation of rectal gland function. Solomon R, et al. **Am J Physiol** 1985 May;248(5 Pt 2):R638-40

Catecholamine hormones and the control of avian salt glands. Wilson JX, et al. **Comp Biochem Physiol [C]** 1985;81(1):77-9

Endocrine control of the nasal salt glands in birds. Butler DG. **J Exp Zool** 1984 Dec;232(3):725-36 (34 ref.)

SALTS

ANALYSIS

[Substantiation of the lower limit of dissolved salts in mineral waters] Vitvitskii VV. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan-Feb;(1):65-9 **(Rus)**

METABOLISM

Mechanism of protein salting in and salting out by divalent cation salts: balance between hydration and salt binding. Arakawa T, et al. **Biochemistry** 1984 Dec 4;23(25):5912-23

PHARMACODYNAMICS

The effects of mono- and divalent salts on the O2-evolution activity and low temperature multiline EPR spectrum of Photosystem II preparations from spinach. Blough NV, et al. **Biochim Biophys Acta** 1984 Nov 26;767(2):377-81

Salting effects in cinnamoyl-chymotrypsin deacylation. Paberit M, et al. **Biochim Biophys Acta** 1984 Sep 25;789(3):257-65

SAMARIUM

ADVERSE EFFECTS

[Tissue reactions to implantation of samarium-cobalt magnetic devices (review of the literature)] Lubashevskii VT, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):148-52 **(Rus)**

SAMPLING STUDIES

see related
HEALTH SURVEYS

Random digit dialing in selecting a population-based control group. Hartge P, et al. **Am J Epidemiol** 1984 Dec;120(6):825-33

Applicability of sample size calculations based on a comparison of proportions for use with the logrank test. Gail MH. **Controlled Clin Trials** 1985 Jun;6(2):112-9

Sample size determination in case-control studies: the influence of the distribution of exposure. McKeown-Eyssen GE, et al. **J Chronic Dis** 1985;38(7):559-68

Survey of sampling techniques in widowhood research, 1973-1983. Gentry M, et al. **J Gerontol** 1985 Sep;40(5):641-3

An alternative sampling approach to the study of diabetes prevalence. Damsgaard EM, et al. **Scand J Soc Med** 1984;12(3):115-20

The bootstrap and finite population sampling. McCarthy PJ, et al. **Vital Health Stat [2]** 1985 Jan;(95):1-23

STANDARDS

On a nonparametric test of location. Biebler KE, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Sep;22(9):479-80

SAND BATHS see **AMMOTHERAPY**

SAND-DOLLAR see **SEA URCHINS**

SANDFLIES see **PSYCHODIDAE**

SANDFLY FEVER see **PAPPATACI FEVER**

SANDHOFF DISEASE

DIAGNOSIS

Usefulness of 4-methylumbelliferyl-6-sulfo-2-acetamido-2-deoxy-beta-sid e for the diagnosis of GM2 gangliosidoses in leukocytes. Inui K, et al. **Clin Genet** 1984 Oct;26(4):318-21

[Sandhoff disease] Herrera Martin M, et al. **An Esp Pediatr** 1984 Nov 15;21(7):688-92 (Eng. Abstr.) **(Spa)**

[Gangliosidosis GM2 type 2 (Sandhoff disease)] Sánchez-Corona J, et al. **Rev Invest Clin** 1985 Jan-Mar;37(1):43-7 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Epstein-Barr virus transformed lymphoid cell lines as a new model system in culture for the study of GM2-gangliosidoses: Tay-Sachs and Sandhoff diseases. Maret A, et al. **Biol Cell** 1985;53(3):293-6

Lysosomal enzymes in ataxia: discovery of two new cases of late onset hexosaminidase A and B deficiency (adult Sandhoff disease) in French Canadians. Barbeau A, et al. **Can J Neurol Sci** 1984 Nov;11(4 Suppl):601-6

Chromatofocusing coupled with automated assay for beta-hexosaminidase isoenzymes in GM2 gangliosidosis. Orlacchio A, et al. **Experientia** 1985 Apr 15;41(4):525-7

FAMILIAL & GENETIC

Isolation of cDNA clones coding for the beta subunit of human beta-hexosaminidase. O'Dowd BF, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1184-8

METABOLISM

GM2-ganglioside metabolism in cultured human skin fibroblasts: unambiguous diagnosis of GM2-gangliosidosis. Raghavan S, et al. **Biochim Biophys Acta** 1985 Apr 25;834(2):238-48

Characterization and analysis of branched-chain N-acetylglucosaminyl oligosaccharides accumulating in Sandhoff disease tissue. Evidence that biantennary bisected oligosaccharide side chains of glycoproteins are abundant substrates for lysosomes. Warner TG, et al. **J Biol Chem** 1985 May 25;260(10):6194-9

OCCURRENCE

Sandhoff disease: 36 cases from Cordoba, Argentina. Kremer RD, et al. **J Inherited Metab Dis** 1985;8(1):46

PATHOLOGY

In vitro establishment of human fibroblasts of lysosomal diseases, GM1-gangliosidosis and Sandhoff disease, by transformation with origin-minus SV40 DNA. Momoi T, et al. **Biosci Rep** 1985 Mar;5(3):267-73

The fine structure of cytoplasmic inclusions in brain and other visceral organs in Sandhoff disease. Itoh H, et al. **Brain Dev** 1984;6(5):467-74

PHYSIOPATHOLOGY

Characterization of a new model of GM2-gangliosidosis (Sandhoff's disease) in Korat cats. Neuwelt EA, et al. **J Clin Invest** 1985 Aug;76(2):482-90

SANITARY ENGINEERING

Water and health. Guidotti TL, et al. **Am Fam Physician** 1984 Oct;30(4):97-104

Studies on bacterial activities in aerobic and anaerobic waste water purification. Adamse AD, et al. **Antonie Van Leeuwenhoek** 1984;50(5-6):665-82 (54 ref.)

Role of stagnation and obstruction of water flow in isolation of Legionella pneumophila from hospital plumbing. Ciesielski CA, et al. **Appl Environ Microbiol** 1984 Nov;48(5):984-7

Isolation of Legionella anisa from a hospital hot water system. Bornstein N, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):327-30

Postoperative infections following cardiac surgery: association with an environmental reservoir in a cardiothoracic intensive care unit. Dandalides PC, et al. **Infect Control** 1984 Aug;5(8):378-84

Chemical water and wastewater treatment. Practical experience and new concepts. Proceedings from the 1st Gothenburg Symposium, 1984. **Schriftenr Ver Wasser Boden Lufthyg** 1985;62:1-310

[Role of the sanitary engineer in public health] Maystre LY. **Soz Praventivmed** 1985;30(3):177-9 (Eng. Abstr.) **(Fre)**

[History and status of the problem of the development of methods for formulating the prognosis of malaria, its vectors and other blood-sucking flies in areas of the construction and operation of large hydraulic engineering installations in the Ukraine] Shevchenko AK, et al. **Med Parazitol (Mosk)** 1985 May-Jun;(3):62-8 (Eng. Abstr.) **(Rus)**

HISTORY

Industrial wastes and public health: some historical notes, Part I, 1876-1932. Tarr JA. **Am J Public Health** 1985 Sep;75(9):1059-67

[Sanitary conditions of the water supply during the siege of Leningrad] Rudeĭko VA. **Gig Sanit** 1985 May;(5):6-9 **(Rus)**

[Contribution of I.V. Beliaev to the organization of sanitary engineering in the Don Basin] Sivolob NI. **Sov Zdravookhr** 1984;(5):65-7 **(Rus)**

METHODS

Treatment, waste management and cost for removal of radioactivity from drinking water. Reid GW, et al. **Health Phys** 1985 May;48(5):671-94

Health, disease and water resources development [editorial] Bradley D. **J Trop Med Hyg** 1985 Apr;88(2):45-6

[Aero-thermophilic stabilization of sewage sludge] Leschber R, et al. **Schriftenr Ver Wasser Boden Lufthyg** 1984;57:147-59 **(Ger)**

[A method for determining the degree of leakage of water pipes] Stroganov VN, et al. **Voen Med Zh** 1984 Aug;(8):61-2 **(Rus)**

STANDARDS

Drinking-water and sanitation projects: criteria for resource allocation. Ballance RC, et al. **WHO Chron** 1984;38(6):243-8

[Effect of various factors of communal hygiene on the incidence of abdominal typhus among the population] Iarovoi PI. **Gig Sanit** 1985 May;(5):25-7 (Eng. Abstr.) **(Rus)**

[Organization of sanitary control of the water supply using underground sources] Chvyrev VG, et al. **Voen Med Zh** 1985 Feb;(2):42-4 **(Rus)**

SANITATION

A sanitary survey of schools in Surat District. Bhavsar BS, et al. **Indian J Med Sci** 1985 Mar;39(3):47-9

Measuring the impact of water supply and sanitation on diarrhoeal diseases: problems of methodology [letter] Hebert JR, et al. **Int J Epidemiol** 1984 Sep;13(3):374-6

Water supply and sanitation: effect on diarrhoeal diseases [letter] Hebert JR, et al. **Int J Epidemiol** 1984 Dec;13(4):543-4

Effectiveness of a computer-assisted instruction program for teaching sanitation. Waddell KP, et al. **J Am Diet Assoc** 1985 Jan;85(1):62-7

Impact of environmental sanitation and crowding on infant mortality in rural Bangladesh. Rahman M, et al. **Lancet** 1985 Jul 6;2(8445):28-31

Evaluating water supply and other health programs: short-run vs long-run mortality effects. Briscoe J. **Public Health** 1985 May;99(3):142-5

The Imo Project: water, sanitation, and health at the grassroots. Reid RS. **Public Health Rev** 1984;12(3-4):361-6

The International Drinking Water Supply and Sanitation Decade. Review of national baseline data (as at 31 December 1980). **WHO Offset Publ** 1984;(85):1-169

[The significance of ichthyofauna in the sanitation of still water] Borniger R. **Schriftenr Ver Wasser Boden Lufthyg** 1984;57:127-34 **(Ger)**

[Hygienic problems of sanitation procedures in civil aviation] Knothe H, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb;180(2-3):343-9 (Eng. Abstr.) **(Ger)**

[Sanitary control of planning of housing and urban development in the Irkutsk district] Malinovskaia PS, et al. **Gig Sanit** 1984 Dec;(12):48-9 **(Rus)**

[From experience in organizing inter-district centralized sanitary-hygienic laboratories] Murzov VV, et al. **Gig Sanit** 1984 Sep;(9):80-1 **(Rus)**

[Organization of sanitation in day nurseries for children who are often sick] Baranov AA, et al. **Pediatriia** 1984 Nov;(11):38-41 **(Rus)**

HISTORY

[Organization of the sanitary service in Jaroslaw] Biliński Z. **Arch Hist Med (Warsz)** 1985;48(1):101-11 **(Pol)**

[Instruction for the Jarosław sanitary services in 1910. From the history of communal hygiene] Biliński Z. **Arch Hist Med (Warsz)** 1985;48(1):113-8 (Eng. Abstr.) **(Pol)**

[Organization of the medical and sanitary services in the Torun sub-prefecture during the period of the Duchy of Warsaw] Lysiak M. **Arch Hist Med (Warsz)** 1985;48(1):71-85 (Eng. Abstr.) **(Pol)**

[Medical and sanitary services during World War II. 1941-1945] Dorofeeva ZZ. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1985;8(1):3-6 **(Rus)**

[Creation and development of health services for children's and adolescents' hygiene in the Ukraine (1938-1945)] Borisenko NF, et al. **Gig Sanit** 1984 Aug;(8):44-8 **(Rus)**

[Militaro-sanitary services during World War II (based on the data of the 'Voenno-Meditsinskii Zhurnal'] Galin LL. **Sov Zdravookhr** 1984;(5):58-61 **(Rus)**

[100th anniversary of the organization of sanitation in the city of Moscow] Iarovinskii MIa. **Sov Zdravookhr** 1984;(9):45-9 (Eng. Abstr.) **(Rus)**

[From the history of the sanitary organization of the Vladimir Province (zemstvo period)] Il'in AI. **Sov Zdravookhr** 1985;(2):54-7 **(Rus)**

[Materials on the history of the sanitary organization of the Lower Volga Region] Shchepetova GA. **Sov Zdravookhr** 1984;(12):62-5 **(Rus)**

METHODS

[Simple technologies for the water supply in developing countries] Baumann W. **Ann Soc Belg Med Trop** 1984 Sep;64(3):227-38 **(Fre)**

[Activities of the Brest regional sanitary-epidemiological station in carrying out sanitary control of rural facilities] Dobriianin AM, et al. **Gig Sanit** 1985 Jan;(1):74-5 **(Rus)**

STANDARDS

Evaluation of the effect of frequency of inspection on the sanitary conditions of eating establishments. Corber S, et al. **Can J Public Health** 1984 Nov-Dec;75(6):434-8

Effects of components of sanitation on nutritional status: findings from South Indian settlements. Hebert JR. **Int J Epidemiol** 1985 Mar;14(1):143-52

An evaluation of the water supply and sanitation problems in Nigeria. Sridhar MK, et al. **J R Soc Health** 1985 Apr;

READEX FICHE pages tightly bound

105(2):68–72

[Providing sanitary–epidemiological measures for improving the health of the rural population of the Donetsk district] Arykh AM, et al. **Gig Sanit** 1985 Jan;(1):77–8 **(Rus)**

[Effect of various factors of communal living on the incidence of dysentery] Iarovoi PI. **Gig Sanit** 1985 Feb;(2):21–2 (Eng. Abstr.) **(Rus)**

SANTONIN

ANALYSIS

Difference spectrophotometric estimation of santonin. Habib AA, et al. **J Assoc Off Anal Chem** 1984 Sep–Oct;67(5):939–41

SAO PAULO TYPHUS see **ROCKY MOUNTAIN SPOTTED FEVER**

SAPHENOUS VEIN

Long saphenous incompetence as a cause of venous ulceration [letter] Negus D. **Br J Surg** 1985 Feb;72(2):154–5

Long saphenous incompetence as a cause of venous ulceration. Sethia KK, et al. **Br J Surg** 1984 Oct;71(10):754–5

Methylergonovine-induced spasm of saphenous vein coronary bypass graft. Alegría E, et al. **Chest** 1985 Apr;87(4):545–7

Morphologic observations after percutaneous transluminal balloon angioplasty of early and late aortocoronary saphenous vein bypass grafts. Waller BF, et al. **J Am Coll Cardiol** 1984 Oct;4(4):784–92

Case comparisons of arch-area arteriovenous fistula and cavernous hemangioma. Person VA, et al. **J Am Podiatry Assoc** 1984 Nov;74(11):569–71

Experimental studies in the survival of venous island flaps without arterial inflow. Baek SM, et al. **Plast Reconstr Surg** 1985 Jan;75(1):88–95

[The anterior saphenous veins of the thigh] Davy A, et al. **Phlebologie** 1985 Apr–Jun;38(2):279–92 (Eng. Abstr.) **(Fre)**

[Phlebo: yes...no...may be] Lanctôt G. **Union Med Can** 1984 Nov;113(11):953 **(Fre)**

[Electrode implantation over the great saphenous vein as an alternative method] Bredel P, et al. **Zentralbl Chir** 1985;110(8):491–4 **(Ger)**

[A radiopaque thread for the localization of saphenous grafts] Wanderley Neto J, et al. **Arq Bras Cardiol** 1984 Nov;43(5):343–4 (Eng. Abstr.) **(Por)**

[Method for the detection of internal saphenous vein insufficiency] Luccas GC, et al. **Rev Paul Med** 1984 Nov–Dec;102(6):277–8 (Eng. Abstr.) **(Por)**

[Insufficiency of the external saphenous vein in varicose veins] Funariu G, et al. **Rev Chir [Chir]** 1985 Mar–Apr;34(2):119–24 (Eng. Abstr.) **(Rum)**

[Emboligenic risk of varicose thrombophlebitis] Rada IO, et al. **Rev Chir [Chir]** 1984 Jul–Aug;33(4):265–9 **(Rum)**

[Subcutaneous varicose veins in relation to the localization of placenta] Lyzyn MA, et al. **Sov Med** 1984;(10):22–5 (Eng. Abstr.) **(Rus)**

ABNORMALITIES

Local bipartition of the femoral portion of the greater saphenous vein. Gundersen J. **Vasa** 1985;14(2):166–7

ANATOMY & HISTOLOGY

In vitro observations of greater saphenous vein valves during pulsatile and nonpulsatile flow and following lysis. McCaughan JJ Jr, et al. **J Vasc Surg** 1984 Mar;1(2):356–61

Comparative study of the distances between the small saphenous vein and the common peroneal and tibial nerves in male and female adults. de Carvalho CA, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Nov–Dec;39(6):254–6

DRUG EFFECTS

Patency of saphenous veins used for aortocoronary bypass grafting: effects of platelet-derived mediators. Chiavarelli M, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:311–4

Serotonin-induced contraction of canine saphenous vein: mediation by 5-HT1 receptors. Tuncer M, et al. **Arch Int Pharmacodyn Ther** 1985 Apr;274(2):305–12

Comparison of the calcium antagonistic activity of nifedipine and FR34235 in the canine saphenous vein. Jim KF, et al. **J Cardiovasc Pharmacol** 1985 May–Jun;7(3):458–62

Prostacyclin (PGI2) contracts normal and varicose human saphenous veins. Sinzinger H, et al. **Vasa** 1984;13(3):228–30

EMBRYOLOGY

The intervalvular intervals of the small saphenous veins in human fetuses. Glińska B. **Folia Morphol** 1984;43(3):223–6

INNERVATION

The postjunctional alpha-adrenoceptors of the human saphenous vein. Steen S, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Nov;55(5):351–7

Tetrodotoxin-resistant relaxation to transmural nerve stimulation in isolated saphenous vein. Senaratne M, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):H952–9

Evidence that halothane inhibits norepinephrine release from sympathetic nerve endings in dog saphenous vein by stimulation of presynaptic inhibitory muscarinic receptors. Rorie DK, et al. **Anesth Analg** 1984 Dec;63(12):1059–64

Structural and functional alterations caused at the extraneuronal level by sympathetic denervation of blood vessels. Branco D, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Jul;326(4):302–12

METABOLISM

Affinities of adrenergic drugs for alpha 2-adrenoceptors in dog saphenous vein in comparison with those in rat brain or human platelets. Sogabe K, et al. **Blood Vessels** 1985;22(3):127–38

Metabolic damage to human saphenous vein during preparation for coronary artery bypass grafting. Angelini GD, et al. **Cardiovasc Res** 1985 Jun;19(6):326–34

Effects of clorgyline and (-)deprenyl on the deamination of normetanephrine and noradrenaline in strips and homogenates of the canine saphenous vein. Caramona MM, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Feb;328(4):396–400

Influence of MAO A and MAO B on the inactivation of noradrenaline in the saphenous vein of the dog. Caramona MM, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Feb;328(4):401–6

The influence of age, sex and smoking on human venous prostacyclin synthesis. Hanley SP, et al. **Thromb Res** 1985 Feb 1;37(3):481–6

PATHOLOGY

Correlation of saphenous vein bypass graft angiograms with histologic changes at necropsy. Atkinson JB, et al. **Am J Cardiol** 1985 Apr 1;55(8):952–5

Illogical use of saphenous veins for aortocoronary bypass grafting. Lester WM, et al. **Am J Cardiol** 1985 Feb 15;55(5):596–7

Remnant saphenous veins after aortocoronary bypass grafting: analysis of 3,394 centimeters of unused vein from 402 patients. Waller BF, et al. **Am J Cardiol** 1985 Jan 1;55(1):65–71

Morphologic changes in long-term saphenous vein bypass grafts. Atkinson JB, et al. **Chest** 1985 Sep;88(3):341–8

Saphenous varix: ultrasonic diagnosis. Wales LR, et al. **J Ultrasound Med** 1985 Mar;4(3):143–5

PHYSIOLOGY

Prejunctional adrenergic inhibition by aggregating platelets in canine blood vessels. Lorenz RR, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):H685–9

PHYSIOPATHOLOGY

Functional endothelial damage by high-potassium cardioplegic solutions to saphenous vein bypass grafts. De Caterina R, et al. **Surgery** 1985 Sep;98(3):465–71

[Mechanical and biomechanical prerequisites of chronic venous insufficiency] Thulesius O, et al. **Vasa** 1984;13(3):195–200 (Eng. Abstr.) **(Ger)**

[Pathogenesis and surgical tactics in varicose ulcers of the lower limbs] Gostishchev VK, et al. **Vestn Khir** 1984 Aug;133(8):59–63 (Eng. Abstr.) **(Rus)**

[Role of the external saphenous vein in primary and secondary varices of the lower extremities] Corcos L, et al. **Angiologia** 1985 May–Jun;37(3):124–35 (Eng. Abstr.) **(Spa)**

SURGERY

Deep venous thrombosis, pulmonary embolism and acute surgery in thrombophlebitis of the long saphenous vein. Plate G, et al. **Acta Chir Scand** 1985;151(3):241–4

Non-group A beta-hemolytic streptococcal cellulitis. Association with venous and lymphatic compromise. Baddour LM, et al. **Am J Med** 1985 Aug;79(2):155–9

Safe aorta-saphenous vein anastomosis [letter] Rousou JA, et al. **Ann Thorac Surg** 1984 Dec;38(6):661–2

Safe aorta-saphenous vein anastomosis [letter] Tomatis LA, et al. **Ann Thorac Surg** 1985 Aug;40(2):205

Saphenous-jugular bypass for superior vena caval obstruction. Ham RJ, et al. **Br J Surg** 1985 Mar;72(3):193–4

Harvesting the greater saphenous vein with a subcutaneous vein remover. Dorsey JS. **Can J Surg** 1985 Jan;28(1):13–4

Medial approach to the anterior tibial artery. Dardik H, et al. **J Vasc Surg** 1985 Sep;2(5):743–6

Instrumental evolution of the valve incision method of in situ saphenous vein bypass. Leather RP, et al. **J Vasc Surg** 1984 Jan;1(1):113–23

Lessons learned in adopting the in situ saphenous vein bypass. Levine AW, et al. **J Vasc Surg** 1985 Jan;2(1):145–53

Veno-arterial bypass in orthotopic liver grafting [letter] Calne RY, et al. **Lancet** 1984 Dec 1;2(8414):1269

Popliteal artery to saphenous vein vascular access for hemodialysis. Mandel SR, et al. **Surg Gynecol Obstet** 1985 Apr;160(4):358–9

[A new case of impotence after stripping] Henriet JP, et al. **Phlebologie** 1985 Apr–Jun;38(2):319–32 (Eng. Abstr.) **(Fre)**

[A new surgical instrument for the removal of varicose branches of the saphenous vein] Petrilli GL. **Chir Ital** 1983 Aug;35(4):554–8 (Eng. Abstr.) **(Ita)**

[Treatment of recurrent varicose veins of the lower limbs] Vilianskiĭ MP, et al. **Khirurgiia (Mosk)** 1985 Apr;(4):118–22 **(Rus)**

TRANSPLANTATION

The autogenous vein graft as popliteal artery substitute. Long-term follow-up of cystic adventitial degeneration. Hierton T, et al. **Acta Chir Scand** 1984;150(5):377–83

Additional evidence for relative resistance to atherosclerosis of the internal mammary artery compared to saphenous vein when used to increase myocardial blood supply. Barbour DJ, et al. **Am J Cardiol** 1985 Sep 1;56(7):488

Ankle bypass: should we go the distance? Buchbinder D, et al. **Am J Surg** 1985 Aug;150(2):216–9

In situ saphenous vein bypass grafts for limb salvage. A current fad or a viable alternative to reversed vein bypass grafts? Bush HL Jr, et al. **Am J Surg** 1985 Apr;149(4):477–80

Sequential in-situ saphenous vein bypass. Early results and technique. Rhodes GR, et al. **Am Surg** 1985 Feb;51(2):70–6

A comparison of preoperative long saphenous phlebography with operative dissection in assessing the suitability of long saphenous vein for use as a bypass graft. Burnand KG, et al. **Ann R Coll Surg Engl** 1985 May;67(3):183–6

Nonreversed and in situ vein grafts. Clinical and experimental observations. Batson RC, et al. **Ann Surg** 1985 Jun;201(6):771–9

In situ distal saphenous vein bypass using the intraluminal valve-disruption technique. Acher CW, et al. **Arch Surg** 1985 Aug;120(8):933–6

In situ femoropopliteal and infrapopliteal bypass. Two-year experience. Carney WI Jr, et al. **Arch Surg** 1985 Jul;120(7):812–6

Percutaneous transluminal angioplasty of coronary saphenous vein bypass grafts. Marquis JF, et al. **Can J Surg** 1985 Jul;28(4):335–7

Improved success rate of percutaneous transluminal graft and coronary angioplasty with the El Gamal guiding catheter. El Gamal MI, et al. **Cathet Cardiovasc Diagn** 1985;11(1):89–96

Early vascular grafting to prevent upper extremity necrosis after electrical burns. Indications for surgery. Wang XW, et al. **Chin Med J [Engl]** 1985 Feb;98(2):129–34

Limb salvage surgery for severe leg ischemia. Siderys H, et al. **Indiana Med** 1985 Jul;78(7):590–1

Venous grafting in femoropopliteal obstructions: a 16-year experience. Settembrini P, et al. **Int Surg** 1984 Jul–Sep;69(3):271–5

Femoro-distal bypass for impending limb failure. Colgan MP, et al. **Ir Med J** 1985 Mar;78(3):78–80

Direct coronary surgery with saphenous vein bypass without either cardiopulmonary bypass or cardiac arrest. Benetti FJ. **J Cardiovasc Surg (Torino)** 1985 May–Jun;26(3):217–22

Spiral vein graft: an alternative method for relief of superior vena caval obstruction following the Mustard repair. Brandt B 3d, et al. **J Thorac Cardiovasc Surg** 1985 Jun;89(6):943–5

Internal mammary artery-saphenous vein composite conduit [letter] Brodman R, et al. **J Thorac Cardiovasc Surg** 1984 Dec;88(6):1039–40

Papaverine treatment of vein grafts [letter] Catinella FP, et al. **J Thorac Cardiovasc Surg** 1985 Sep;90(3):452–3

Long-term (5 to 12 years) serial studies of internal mammary artery and saphenous vein coronary bypass grafts. Lytle BW, et al. **J Thorac Cardiovasc Surg** 1985 Feb;89(2):248–58

Extracorporeal replacement of the renal artery: techniques, indications and long-term results. Dubernard JM, et al. **J Urol** 1985 Jan;133(1):13–6

Components of outflow resistance and their correlation with graft patency in lower extremity arterial reconstructions. Ascer E, et al. **J Vasc Surg** 1984 Nov;1(6):817–28

Favorable balance of prostacyclin and thromboxane A2 improves early patency of human in situ vein grafts. Bush HL Jr, et al. **J Vasc Surg** 1984 Jan;1(1):149–59

In situ saphenous vein arterial bypass to the tibial arteries. Leather RP. **J Vasc Surg** 1984 Nov;1(6):912–3

Renal revascularization by extra-anatomic bypass. McCready RA, et al. **J Vasc Surg** 1984 Jul;1(4):569–72

Omental protection of autogenous arterial reconstruction following femoral prosthetic graft infection. Mendes D, et al. **J Vasc Surg** 1985 Jul;2(4):603–6

Homologous veins as an arterial substitute: long-term results. Ochsner JL, et al. **J Vasc Surg** 1984 Mar;1(2):306–13

Saphenous vein harvesting using a subcutanous vein remover. Dorsey JS. **Minn Med** 1985 Mar;68(3):195–8

Cellulitis associated with dermatophyte infection in the vein-donor-leg of a coronary artery bypass patient. Delcore MG, et al. **Nebr Med J** 1985 Apr;70(4):113–5

What is the problem--chest or the leg wound? Gangaher DM. **Nebr Med J** 1985 Apr;70(4):109

The use of autologous graft and human umbilical vein graft in femorocrural bypasses--a preliminary report. Rondhuis JJ, et al. **Neth J Surg** 1985 Apr;37(2):50–3

Complications of cerebral revascularization with autogenous vein grafts. Diaz FG, et al. **Neurosurgery** 1985 Aug;17(2):271–6

Sequential bypass grafting for salvage of lower extremities. Calhoun TR, et al. **South Med J** 1985 Jan;78(1):41–4

Patency of autogenous saphenous vein versus polytetrafluoroethylene grafts in femoropopliteal bypass for advanced ischemia of the extremity. Bennion RS, et al. **Surg Gynecol Obstet** 1985 Mar;160(3):239–42

Intraluminal thrombus and neointimal hyperplasia after microvascular surgery. Gutierrez-Diaz JA, et al. **Surg Neurol** 1985 Aug;24(2):153–9

Secure aortic stump closure with autogenous vein pledgets. Cogbill TH. **Surgery** 1984 Nov;96(5):940–1

In situ vein bypasses to distal tibial and limited outflow tracts for limb salvage. Corson JD, et al. **Surgery** 1984 Oct; 96(4):756–63

Intraoperative assessment of in situ saphenous vein bypass grafts with continuous-wave Doppler probe. Spencer TD, et al. **Surgery** 1984 Nov;96(5):874–7

Femoropopliteal saphenous vein bypass grafts 8 years later. Sonnenfeld T, et al. **Vasa** 1985;14(2):152–4

[Experimental study of venous transplantation for the reestablishment of lymphatic pathways] Tang HY, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Jan;23(1):6–8, 61 (Eng. Abstr.) **(Chi)**

[Vascular access lines: use of biologic grafts] Bitker MO, et al. **Ann Urol (Paris)** 1985;19(4):225–7 (Eng. Abstr.) **(Fre)**

[Aorto-ilio-femoral venous grafts. 66 cases. 60 surgically treated patients] Streichenberger R, et al. **Chirurgie** 1985; 111(2):168–79 (Eng. Abstr.) **(Fre)**

[Long-term results of reversed venous femoro-popliteal bypass. Apropos of 151 cases] Ribal JP, et al. **J Mal Vasc** 1985;10(1).55–60 (Eng. Abstr.) **(Fre)**

[In situ venous bypass using the great saphenous vein: analysis of the 5 year outcome of 129 procedures] Serise JM, et al. **J Mal Vasc** 1985;10(1):51–4 (Eng. Abstr.) **(Fre)**

[Valve destruction by in situ venous bypass] Rendl KH, et al. **Vasa** 1985;14(2):149–51 (Eng. Abstr.) **(Ger)**

[Obstruction of the superior vena cava caused by sclerosing mediastinitis. Surgical treatment by bypass with a composite spiral venous graft] Fundarò P, et al. **G Ital Cardiol** 1984 Aug;14(8):606–8 (Eng. Abstr.) **(Ita)**

[Technic for using the saphenous vein in the creation of a femoro-popliteal bypass in cases of anatomic changes of the saphenous vein] Gullà P, et al. **Minerva Chir** 1984 Jul 15–31;39(13–14):1029–33 (Eng. Abstr.) **(Ita)**

[Coronary bypass surgery utilizing an internal mammary artery and autologous saphenous vein graft for mitral valve replacement in severe Kawasaki heart disease: report of a case] Kitamura S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Nov; 32(11):1996–2003 (Eng. Abstr.) **(Jpn)**

[Progressive narrowing in coronary arteries and saphenous vein grafts'after aortocoronary bypass surgery--angiographic aspects and its relationship to coronary risk factors] Mizutani T, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Sep;32(9):1362–8 (Eng. Abstr.) **(Jpn)**

[Congenital atresia of the left main coronary artery repair by saphenous vein graft] Sakakibara T, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Aug;32(8):1245–52 (Eng. Abstr.) **(Jpn)**

[Surgical angioplasty of the ostium of the left coronary artery. A case report] de Carvalho RG, et al. **Arq Bras Cardiol** 1984 May;42(5):355–60 (Eng. Abstr.) **(Por)**

[Ultrastructure of autologous saphenous vein grafts preserved at ambient temperature and hypothermically. Histological and electron microscopic study of immediate and short-term changes] Peredo MO. **Arq Bras Cardiol** 1981 Oct;37(4):247–52 (Eng. Abstr.) **(Por)**

ULTRASTRUCTURE

A critical assessment on the preservation method of saphenous vein grafts for aorta-coronary bypass operation, with reference to its ultrastructural characterization. Ninomiya J, et al. **Nippon Ika Daigaku Zasshi** 1984 Oct; 51(5):640–2

[Ultrastructure of the media and biochemistry of the intercellular substance of the wall of varicose veins] Seydewitz V, et al. **Phlebologie** 1985 Apr–Jun;38(2):333–46 (Eng. Abstr.) **(Fre)**

SAPOGENINS

ANALYSIS

Steroidal glycosides of Tamus communis. Aquino R, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2229–35

Analysis of soybean sapogenins by high-performance liquid chromatography. Ireland PA, et al. **J Chromatogr** 1985 May 29;325(1):275–81

Isolation of diosgenin[(25R)-spirost-5-en-3 beta-ol] from a lysate of a new hypotensive phospholipid occurring in bovine brain. Tsukatani H, et al. **J Neurochem** 1985 Feb; 44(2):658–61

[Sapogenins from rootlets of Panax notoginseng] Wei JX. **Chung Yao Tung Pao** 1984 Nov;9(6):27–9 **(Chi)**

[Determination of diosgenin in Dioscorea] Xu LX, et al. **Yao Hsueh Hsueh Pao** 1984 Feb;19(2):141–5 (Eng. Abstr.) **(Chi)**

[Determination of saikosaponins in Chinese medicinal extracts containing Bupleuri radix] Yamaji A, et al. **Yakugaku Zasshi** 1984 Jul;104(7):812–5 (Eng. Abstr.) **(Jpn)**

ISOLATION & PURIFICATION

[Steroidal sapogenins from mildewed Dioscorea collettii Hook. f.] Liu CL, et al. **Yao Hsueh Hsueh Pao** 1985 Feb; 20(2):143–5 (Eng. Abstr.) **(Chi)**

PHARMACODYNAMICS

Antihepatotoxic actions of papyriogenins and papyriosides, triterpenoids of Tetrapanax papyriferum leaves. Hikino H, et al. **J Ethnopharmacol** 1984 Nov;12(2):231–5

Pharmacological influence of saikosaponins on prostaglandin E2 production by peritoneal macrophages. Ohuchi K, et al. **Planta Med** 1985 Jun;(3):208–12

SAPONINS

ATP- and calcium-controlled contraction in a saponin model of Physarum polycephalum. Yoshimoto Y, et al. **Cell Struct Funct** 1984 Jun;9(2):135–41

Interaction of sea cucumber saponins with multilamellar liposomes. Yu BS, et al. **Chem Biol Interact** 1984 Dec; 52(2):185–202

Micromolar concentrations of free calcium provoke secretion of lysozyme from human neutrophils permeabilized with saponin. Smolen JE, et al. **J Immunol** 1985 Mar; 134(3):1859–65

ADMINISTRATION & DOSAGE

Assessment of the dose of the immunological adjuvant Quil A in mice and guinea pigs, using sheep red blood cells as model antigen. Dalsgaard K. **Zentralbl Veterinarmed [B]** 1984 Oct;31(9):718–20

ANALYSIS

Minimizing the saponin content of alfalfa sprouts and leaf protein concentrates. Livingston AL, et al. **Adv Exp Med Biol** 1984;177:253–68

Quantitative analysis of ginsenosides in fresh Panax ginseng. Yip TT, et al. **Am J Chin Med** 1985;13(1–4):77–88

Ginsenoside compositions of Panax ginseng C.A. Meyer tissue culture and juice. Yip TT, et al. **Am J Chin Med** 1985;13(1–4):89–92

Studies on the constituents of Xanthoceras sorbifolia Bunge. II. Major sapogenol and a prosapogenin from the fruits of Xanthoceras sorbifolia Bunge. Chen YJ, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3378–83

Saponins of ginseng and related plants. Tanaka O, et al. **Fortschr Chem Org Naturst** 1984;46:1–76 (201 ref.)

Saponins from Anemone rivularis. Mizutani K, et al. **Planta Med** 1984 Aug;50(4):327–31

Saponins from Chinese medicinal plants. (I). Isolation and structures of hemslosides. Nie RL, et al. **Planta Med** 1984 Aug;50(4):322–7

[Studies on saponins of rhizomes of Panax zingiberensis Wu et Feng] Yang CR, et al. **Yao Hsueh Hsueh Pao** 1984 Mar; 19(3):232–6 (Eng. Abstr.) **(Chi)**

[Detection of saponins in soy bean products used in the food-processing industry] Andrzejewska E. **Rocz Panstw Zakl Hig** 1984;35(2):135–8 (Eng. Abstr.) **(Pol)**

[Chromatographic determination of saponin in water] Maktaz ED, et al. **Gig Sanit** 1984 Oct;(10):49–50 **(Rus)**

DIAGNOSTIC USE

Cleavage in a saponin model of the sea urchin egg. Yoshimoto Y, et al. **Cell Struct Funct** 1985 Mar;10(1):29–36

Characterization of ATP-dependent Ca2+ uptake by canine brain microsomes with saponin. Inamitsu T, et al. **Eur J Biochem** 1984 Nov 15;145(1):115–21

IMMUNOLOGY

Relative adjuvant efficacy of Al(OH)3 and saponin is related to the immunogenicity of the antigen. Bomford R. **Int Arch Allergy Appl Immunol** 1984;75(3):280–1

A bovine ephemeral fever vaccine incorporating adjuvant Quil A: a comparative study using adjuvants Quil A, aluminium hydroxide gel and dextran sulphate. Vanselow BA, et al. **Vet Rec** 1985 Jul 13;117(2):37–43

ISOLATION & PURIFICATION

High-performance liquid chromatography of oleanane saponins. Domon B, et al. **J Chromatogr** 1984 Dec 19; 315:441–6

[Chemical constituents of flower-buds of Panax ginseng--isolation and identification of ginsenoside-Rb3 and ginsenoside-Rc] Shao CJ. **Chung Yao Tung Pao** 1984 Jul;9(4):172–3 **(Chi)**

METABOLISM

Studies on absorption and distribution of ginsenoside Rg-1 by whole-body autoradiography and chromatography. Strömbom J, et al. **Acta Pharm Suec** 1985;22(3):113–22

[Formation of the complex of the triterpene glycoside holothurin A with cholesterol in liposomal membranes] Likhatskaia GN, et al. **Biofizika** 1985 Mar–Apr;30(2):358–9 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Ginseng saponin treatment does not alter brain or pituitary levels of beta-endorphin and dynorphin. Ho WK, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):2044–6

Control of phenotypic expression of cultured B16 melanoma cells by plant glycosides. Odashima S, et al. **Cancer Res** 1985 Jun;45(6):2781–4

Dense line in cisterna of rough-surfaced endoplasmic reticulum of hepatocytes of the rat perfused with saponin solution. Makita T, et al. **Cell Biol Int Rep** 1985 Jul; 9(7):607–12

Potentiation of nerve growth factor-mediated nerve fiber production in organ cultures of chicken embryonic ganglia by ginseng saponins: structure--activity relationship. Takemoto Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug; 32(8):3128–33

Stimulation of the lipogenic pathway in ginsenoside-Rb2 treated rats. Yokozawa T, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4490–6

Hyperlipemia-improving effects of ginsenoside-Rb2 in cholesterol-fed rats. Yokozawa T, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):722–9

Stimulation of lipid and sugar metabolism in ginsenoside-Rb2 treated rats. Yokozawa T, et al. **Chem Pharm Bull (Tokyo)** 1984 Jul;32(7):2766–72

Adjuvant activity of saponin: antigen localization studies. Scott MT, et al. **Int Arch Allergy Appl Immunol** 1985; 77(4):409–12

Increase in Ca2+ permeability of intracellular Ca2+ store membrane of saponin-treated guinea pig peritoneal macrophages by inositol 1,4,5-trisphosphate. Hirata M, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1575–82

Thrombin induces serotonin secretion and aggregation independently of inositol phospholipids hydrolysis and protein phosphorylation in human platelets permeabilized with saponin. Lapetina EG, et al. **J Biol Chem** 1985 Jun 10;260(11):7078–83

Brief extraction with detergent induces the appearance of many plasma membrane-associated microtubules in hepatocytic cells. Mesland DA, et al. **J Cell Sci** 1984 Jun; 68:113–37

Studies on pharmacological action of saponin of the root of Anemone raddeana. Wang BX, et al. **J Tradit Chin Med** 1985 Mar;5(1):61–4

Potentiation of KCl-induced vasoconstriction by saponin treatment in isolated canine mesenteric arteries. Chiba S, et al. **Jpn J Pharmacol** 1984 Dec;36(4):535–7

Effects of a brief treatment with saponin on the contractile and electrical activities of isolated uterine muscle of pregnant rat. Osa T, et al. **Jpn J Physiol** 1984;34(4):699–712

Analgesic and antihepatotoxic actions of dianosides, triterpenoid saponins of Dianthus superbus var. longicalycinus herbs. Hikino H, et al. **Planta Med** 1984 Aug;50(4):353–5

Effects of soyasaponins on liver injury induced by highly peroxidized fat in rats. Ohminami H, et al. **Planta Med** 1984 Oct;50(5):440–1

Ginseng saponins: influence on neurotransmitter uptake in rat brain synaptosomes. Tsang D, et al. **Planta Med** 1985 Jun;(3):221–4

Digestive parameters in young turkeys fed yucca saponin. Dziuk HE, et al. **Poult Sci** 1985 Jun;64(6):1143–7

myo-Inositol 1,4,5-trisphosphate stimulates protein phosphorylation in saponin-permeabilized human platelets. Lapetina EG, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(23):7431–5

Anthrax: the disease in relation to vaccines [letter] Cameron J. **Vaccine** 1984 Dec;2(4):237

[Anti-senility action of saponin in Panax ginseng fruit in 327 cases] Huo YS. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct; 4(10):593–6, 578 (Eng. Abstr.) **(Chi)**

[Cardiac and hemodynamic effect of total saponins of Panax notoginseng] Wang JD, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Sep;5(3):181–5 (Eng. Abstr.) **(Chi)**

[Analgesic and central nervous system inhibiting effects of total saponins extracted from the leaves of Panax notoginseng] Lei WY. **Chung Yao Tung Pao** 1984 May; 9(3):134–7 **(Chi)**

[Hemodynamic effects of san chi (Panax notoginseng) root, leaf, flower and saponins on anesthetized dogs] Chen ZH, et al. **Yao Hsueh Hsueh Pao** 1983 Nov;18(11):818–22 (Eng. Abstr.) **(Chi)**

[Effects of Astragalus saponin 1 on cAMP and cGMP levels in plasma and DNA synthesis in the regenerating liver] Zhang YD, et al. **Yao Hsueh Hsueh Pao** 1984 Aug; 19(8):619–21 (Eng. Abstr.) **(Chi)**

THERAPEUTIC USE

Studies on the mechanism of the hypoglycemic activity of ginsenoside-Rb2 in streptozotocin-diabetic rats. Yokozawa T, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):869–72

Antihepatotoxic actions of ginsenosides from Panax ginseng roots. Hikino H, et al. **Planta Med** 1985 Feb;(1):62–4

[Effect of soyasaponin on hyperlipemia of rabbits induced by Adeps suillus and on the endurance to anoxia in mice under normal pressure] Gao GQ. **Chung Yao Tung Pao** 1984 Jul;9(4):184–5 **(Chi)**

TOXICITY

Intoxication in cattle, chicks and hamsters from seed of the palo santo tree (Bulnesia sarmientii). Williams MC, et al. **Vet Rec** 1984 Dec 22–29;115(25–26):646–8

1-SAR-8-ALA ANGIOTENSIN II see SARALASIN

SARALASIN

ANALYSIS

Identification of phenylthiohydantoin derivatives of substituted amino acids encountered during amino acid sequence analysis by high-performance liquid chromatography. Bhown AS, et al. **J Chromatogr** 1984 Nov 30;314:467–70

DIAGNOSTIC USE

Angiotensin II analogue infusion test in renovascular hypertension under low sodium intake and under spironolactone administration: is angiotensin II analogue infusion test useful in determining the mode of treatment? Ogawa K, et al. **Tohoku J Exp Med** 1984 Jul;143(3):327–33

PHARMACODYNAMICS

Saralasin increases activity of hippocampal neurons inhibited by angiotensin II. Palovcik RA, et al. **Brain Res** 1984 Dec 10;323(2):345–8

Sodium restriction lowers high blood pressure through a decreased response of the renin system––direct evidence using saralasin. Cappuccio FP, et al. **J Hypertens** 1985 Jun; 3(3):243–7

THERAPEUTIC USE

[The antihypertensive effect of saralasin in rabbits with neurogenic interoreceptive hypertension] Hartrodt W, et al. **Biomed Biochim Acta** 1985;44(3):455–64 (Eng. Abstr.) **(Ger)**

SARCOCYSTIS see SARCOSPORIDIA

SARCODINA

PHYSIOLOGY

A model of contractile tubules showing how they contract in the heliozoan Echinosphaerium. Matsuoka T, et al. **Cell Struct Funct** 1985 Mar;10(1):63–70

SARCOIDOSIS

Sarcoidosis: a multisystem disorder with prominent ocular and cutaneous involvement. Callen JP, et al. **Int Ophthalmol Clin** 1985 Spring;25(1):135–58

Sarcoidosis in Lagos. Bandele EO. **J Natl Med Assoc** 1985 Mar;77(3):209–12

Sarcoidosis in Ciskei. A report on 15 cases. Baigrie RJ, et al. **S Afr Med J** 1985 Sep 14;68(6):428–30

Neurosarcoidosis. A report of 5 cases. Elkin R, et al. **S Afr Med J** 1985 Jun 8;67(23):943–6

[Sarcoidosis of the stomach] Chlumský J, et al. **Cas Lek Cesk** 1985 Jan 11;124(2):38–40 (Eng. Abstr.) **(Cze)**

[Sarcoidosis in children and adolescents] Křepela K, et al. **Cesk Pediatr** 1984 Dec;39(12):729–32 (Eng. Abstr.) (Cze)

[Pulmonary sarcoidosis] Blasi A, et al. **Arch Monaldi** 1984 May–Jun;39(3):115–25 (Eng. Abstr.) **(Ita)**

[Sarcoidosis of the heart] Djurić B, et al. **Plucne Bolesti** 1984 Jan–Jun;36(1–2):55–8 (Eng. Abstr.) **(Ser)**

BLOOD

Studies of peripheral blood monocytes in pulmonary sarcoidosis. Rømer FK, et al. **Clin Exp Immunol** 1984 Nov; 58(2):357–63

Segregation of peripheral blood lymphocytes in sarcoidosis according to their affinity to insolubilized histamine. Tanay A, et al. **Isr J Med Sci** 1985 Jan;21(1):6–11

Does serum angiotensin converting enzyme reflect intensity of alveolitis in sarcoidosis? Cohen RD, et al. **Thorax** 1985 Jul;40(7):497–500

[Elevation of nonspecific esterase activity of monocytes by sarcoidosis serum. Application of a color data system on the analysis of the result] Saginoya H, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Jan;95(1):51–3 **(Jpn)**

CEREBROSPINAL FLUID

Immunological studies on the cerebrospinal fluid in neurological sarcoidosis. Mitchell JD, et al. **J Neuroimmunol** 1985 Jan;7(4):249–53

CSF angiotensin-converting enzyme in neurosarcoidosis [letter] Chan Seem CP, et al. **Lancet** 1985 Feb 23; 1(8426):456–7

CSF angiotensin-converting enzyme in neurosarcoidosis [letter] Oksanen V, et al. **Lancet** 1985 May 4;1(8436):1050–1

Angiotensin converting enzyme in cerebrospinal fluid: a new assay. Oksanen V, et al. **Neurology** 1985 Aug;35(8):1220–3

CLASSIFICATION

[Classification of sarcoidosis] Molotkov VN, et al. **Probl Tuberk** 1984 Aug;(8):32–5 (Eng. Abstr.) **(Rus)**

[Clinical classification of sarcoidosis] Poletaev SD, et al. **Probl Tuberk** 1984 Aug;(8):29–32 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Treatment of postmenopausal osteoporosis with vitamin D and severe hypercalcemia. Buysschaert M, et al. **Acta Clin Belg** 1984;39(3):171–3

Lung cancer and chronic interstitial pneumonia associated with systemic sarcoidosis. Kuhara H, et al. **Acta Pathol Jpn** 1985 Jan;35(1):199–211

Fatal hemoptysis resulting from erosion of a pulmonary artery in cavitary sarcoidosis. Edelman RR, et al. **AJR** 1985 Jul;145(1):37–8

Cardiac tamponade as the presenting symptom of sarcoidosis. Rubinstein I, et al. **Am Heart J** 1985 Jun;109(6):1387–8

Acute appendicitis and pernicious anemia as complications of gastrointestinal sarcoidosis. Tinker MA, et al. **Am J Gastroenterol** 1984 Nov;79(11):868–72

Extensive ichthyosiform sarcoidosis in a patient with juvenile rheumatoid arthritis [letter] Paller AS, et al. **Arch Dermatol** 1985 Feb;121(2):171–2

Serum angiotensin-converting enzyme activity. Its use in the evaluation and management of hypercalcemia associated with sarcoidosis. DeRemee RA, et al. **Arch Intern Med** 1985 Apr;145(4):677–9

Cutaneous manifestations of sarcoidosis. Relationships to other organ system involvement, abnormal laboratory measurements, and disease course. Olive KE, et al. **Arch Intern Med** 1985 Oct;145(10):1811–4

Lupus pernio: a clinico-radiological study of thirty-five cases. Spiteri MA, et al. **Br J Dermatol** 1985 Mar; 112(3):315–22

Pancreatitis in sarcoidosis. McCormick PA, et al. **Br Med J [Clin Res]** 1985 May 18;290(6480):1472–3

Sudden death associated with compression of pulmonary arteries in sarcoidosis. Martin JM, et al. **Can Med Assoc J** 1985 Sep 1;133(5):423–4

Sarcoidosis, pulmonary hypertension, and acquired peripheral pulmonary artery stenosis. Mangla A, et al. **Cathet Cardiovasc Diagn** 1985;11(1):69–74

Selective IgA deficiency and sarcoidosis [letter] Rubinstein I, et al. **Chest** 1985 Jul;88(1):160

Aspergillomas complicating sarcoidosis. A prospective study in 100 patients. Wollschlager C, et al. **Chest** 1984 Oct; 86(4):585–8

Coexistence of sarcoidosis and necrobiosis lipoidica of the legs––a report of two cases. Graham-Brown RA, et al. **Clin Exp Dermatol** 1985 May;10(3):274–8

Thallium-201 scintigraphic visualization at rest of a dilated and hypertrophied right ventricle in a patient with sarcoidosis complicated by cor pulmonale. Shih WJ, et al. **Clin Nucl Med** 1985 Jun;10(6):422–3

Hemoptysis in sarcoidosis. Rubinstein I, et al. **Eur J Respir Dis** 1985 Apr;66(4):302–5

Ventricular fibrillation in myocardial sarcoidosis. Tornling G, et al. **Eur J Respir Dis** 1985 May;66(5):347–9

Sarcoid nephropathy: reversible cause of severe renal impairment with steroid therapy. Dhar SK, et al. **Indiana Med** 1984 Nov;77(11):878–9

A case of granuloma annulare and sarcoidosis. Kato H, et al. **J Dermatol (Tokyo)** 1985 Feb;12(1):63–9

Persistent pleural effusion complicating sarcoidosis. Hudson JA, et al. **J Med Assoc Ga** 1984 Sep;73(9):601–2

Neurosarcoidosis presenting as major depression [letter] Stiller J, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep; 47(9):1050–1

Elephantine sarcoidosis presenting as ulcerating lymphoedema. Mühlemann MF, et al. **J R Soc Med** 1985 Mar;78(3):260–1

Coexistence of rheumatoid arthritis and sarcoidosis: difficulties encountered in the differential diagnosis of common manifestations. Fallahi S, et al. **J Rheumatol** 1984 Aug;11(4):526–9

Sarcoid arthritis in a North American Caucasian population. Perruquet JL, et al. **J Rheumatol** 1984 Aug;11(4):521–5

Prolonged suppression of cough after inhalation of lidocaine in a patient with sarcoid. Sanders RV, et al. **JAMA** 1984 Nov 2;252(17):2456–7

Argon laser treatment of retinal neovascularization associated with sarcoidosis. Hirose S, et al. **Jpn J Ophthalmol** 1984; 28(4):356–61

Suppression of the alveolitis in pulmonary sarcoidosis by oral corticosteroids. Rossi GA, et al. **Lung** 1985;163(2):83–93

Sarcoidosis with normocalcemic granulomatous nephritis. Five case reports and a review of 24 cases in the literature. Simonsen O, et al. **Nephron** 1985;40(4):411–7 (31 ref.)

An unusual presentation of sarcoidosis––spontaneous haemopneumothorax. Gomm SA. **Postgrad Med J** 1984 Sep;60(707):621–3

Post partum presentation of hypercalcaemic sarcoidosis. Wilson-Holt N. **Postgrad Med J** 1985 Jul;61(717):627–8

Resorptive versus absorptive hypercalciuria in sarcoidosis: correlations with 25-hydroxy vitamin D3 and 1,25-dihydroxy vitamin D3 and parameters of disease activity. Meyrier A, et al. **Q J Med** 1985 Mar; 54(215):269–81

Hypercalcaemia––sarcoidosis, primary hyperparathyroidism or both? [letter] Diamond TH, et al. **S Afr Med J** 1985 Jun 29;67(26):1037

Isolated cryptococcus osteomyelitis of the humerus simulating a neoplasm of bone in a patient with sarcoidosis. Case report 329. Levine AM, et al. **Skeletal Radiol** 1985; 14(2):152–6

Sarcoidosis: a cause of bilateral hilar lymphadenopathy after excision of malignant melanoma of the arm. Rubinstein I, et al. **South Med J** 1985 Sep;78(9):1139–40

Seminoma and sarcoidosis: an unusual association. Blacher EJ, et al. **Urology** 1985 Sep;26(3):288–9

Unilateral ureteral obstruction secondary to sarcoidosis. Schoenfeld RH, et al. **Urology** 1985 Jan;25(1):57–9

[The larynx and sarcoidosis] Polet MA, et al. **Acta Otorhinolaryngol Belg** 1984;38(2):192–7 **(Fre)**

[Primary biliary cirrhosis and sarcoidosis. Association or unique disease?] Bories C, et al. **Gastroenterol Clin Biol** 1984 Nov;8(11):851–5 (Eng. Abstr.) **(Fre)**

[Trigeminal sensory neuropathy disclosing sarcoidosis (letter)] Dupuy M, et al. **Presse Med** 1985 Feb 16; 14(7):426–7 **(Fre)**

[Renal insufficiency caused by chronic granulomatous interstitial nephritis in Löfgren's syndrome] Hatron PY, et al. **Rev Med Interne** 1985 Jan;6(1):9–12 (Eng. Abstr.) **(Fre)**

[Hypercalcemic sarcoidosis and primary hyperparathyroidism disclosed by renal insufficiency] Mignot P, et al. **Rev Med Interne** 1984 Sep;5(3):239–43 (Eng. Abstr.) **(Fre)**

[Leg edema] Ganser G, et al. **Schweiz Rundsch Med Prax** 1985 Mar 5;74(10):247–9 (Eng. Abstr.) **(Ger)**

[Neurological presenting symptoms in sarcoidosis] Rubinstein I, et al. **Harefuah** 1983 Oct 16;105(8):210–1 (Eng. Abstr.) **(Heb)**

[Sarcoidosis and autoimmune thyropathy. Study of 4 cases] Tumiati B, et al. **G Clin Med** 1985 Jan–Feb;66(1–2):29–36 (Eng. Abstr.) **(Ita)**

[A case of sarcoidosis associated with IgA nephropathy] Kishi T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Apr;22(4):324–9 (Eng. Abstr.) **(Jpn)**

[A case of sarcoidosis with severe multiple bronchial stenosis] Takizawa H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Apr;22(4):335–9 (Eng. Abstr.) **(Jpn)**

[Exudative pleurisy in sarcoidosis] Shkunov AN. **Probl Tuberk** 1984 Aug;(8):71–2 **(Rus)**

[Amyloidosis in sarcoidosis] Mukhin NA, et al. **Ter Arkh** 1984;56(7):115–7 **(Rus)**

[Combined skin lesions in sarcoidosis] Shaposhnikov OK, et al. **Vestn Dermatol Venerol** 1985 Feb;(2):4–6 (Eng. Abstr.) **(Rus)**

[Sarcoidosis and Raynaud's phenomenon (letter)] Genescá J, et al. **Med Clin (Barc)** 1984 Jun 2;83(1):41 **(Spa)**

[Sarcoidosis and primary biliary cirrhosis (letter)] Solovera Cano JJ, et al. **Med Clin (Barc)** 1984 Jun 2;83(1):41 **(Spa)**

[Autoimmune hemolytic anemia as an unusual complication of sarcoidosis] Gustafsson C, et al. **Lakartidningen** 1985 Feb 6;82(6):389–91 **(Swe)**

DIAGNOSIS

Nodular pulmonary sarcoidosis. Diagnosis with fine needle aspiration biopsy. Vernon SE. **Acta Cytol (Baltimore)** 1985 May–Jun;29(3):473–6

Echocardiographic evaluation of patients with systemic sarcoidosis. Lewin RF, et al. **Am Heart J** 1985 Jul;110(1 Pt 1):116–22

Sarcoidosis mimicking cor triatriatum. Echolucency of adenopathy due to sarcoidosis. Walsh TK, et al. **Am J Med** 1985 Mar;78(3):501–5

Sarcoidosis and its neurological manifestations. Stern BJ, et al. **Arch Neurol** 1985 Sep;42(9):909–17 (134 ref.)

A first report of paediatric sarcoidosis in Thailand. Suvatte V, et al. **Asian Pac J Allergy Immunol** 1984 Jun;2(1):107–12

Stenosis of main bronchi mimicking fixed upper airway obstruction in sarcoidosis. Miller A, et al. **Chest** 1985 Aug; 88(2):244–8

The persistent need to improve our approach to sarcoidosis [editorial] Rubinstein I, et al. **Chest** 1985 Jun;87(6):710–1

Sarcoidosis presenting with erythema multiforme-like cutaneous lesions. Beacham BE, et al. **Cutis** 1984 May; 33(5):461–3

Secondary and tertiary syphilis presenting as sarcoidal reactions of the skin. Perry HO, et al. **Cutis** 1984 Sep; 34(3):253–5, 257–8

Asymptomatic pulmonary nodule in sarcoidosis. Rubinstein I, et al. **Eur J Respir Dis** 1985 Jan;66(1):74–6

Pulmonary sarcoidosis––review of 9 cases. Behera D, et al. **Indian J Chest Dis Allied Sci** 1984 Apr–Jun;26(2):74–8

Sarcoidosis of the endometrium: a case presentation. Skehan M, et al. **Ir J Med Sci** 1985 Mar;154(3):114

A unique case of neurosarcoidosis with pineal and suprasellar involvement: CT and pathological demonstration. Wall MJ, et al. **J Comput Assist Tomogr** 1985 Mar–Apr;9(2):381–3

A young female with a persistent unilateral pulmonary infiltrate. Thiele JS, et al. **J La State Med Soc** 1985 Feb; 137(2):46–7

Sarcoidosis presenting with pseudotumor cerebri and the nephrotic syndrome. Phanthumchinda K, et al. **J Med Assoc Thai** 1984 Dec;67(12):694–700

Peripheral nerve involvement in sarcoidosis: an electrodiagnostic study. Challenor YB, et al. **J Neurol Neurosurg Psychiatry** 1984 Nov;47(11):1219–22

Gastric sarcoidosis. Gallagher P, et al. **J R Soc Med** 1984 Oct;77(10):837–9

Echocardiography in sarcoidosis. Gregor P, et al. **Jpn Heart J** 1984 Jul;25(4):499–508

Oral manifestations of sarcoidosis: report of a case masquerading as a neoplasm. DeLuke DM, et al.

Oral Surg Oral Med Oral Pathol 1985 Feb;59(2):184–8

Sarcoidosis presenting as scrotal mass [letter] Kohn DB, et al. **Pediatr Infect Dis** 1985 May–Jun;4(3):302–3

Hypothalamic-pituitary sarcoidosis. A case report. Ismail F, et al. **S Afr Med J** 1985 Jan 26;67(4):139–42

Nephrocalcinosis, hypercalcemia, sarcoidosis or primary hyperparathyroidism? [letter] Seedat YK, et al. **S Afr Med J** 1985 Mar 2;67(9):319

Sarcoid lesion in the breast presenting as carcinoma. Raju GC, et al. **Trop Geogr Med** 1984 Sep;36(3):297–8

[The significance of angiotensin-converting enzyme in sarcoidosis] Votava V, et al. **Cas Lek Cesk** 1985 Aug 2; 124(31):974–6 (Eng. Abstr.) (Cze)

[Clinical experience in the diagnosis and treatment of sarcoidosis in children and adolescents] Křepela K, et al. **Cesk Pediatr** 1985 Apr;40(4):193–6 (Eng. Abstr.) (Cze)

[Sarcoidosis of the central nervous system] Bünemann L, et al. **Ugeskr Laeger** 1985 Jan 28;147(5):387–9 (Eng. Abstr.) (Dan)

[Sarcoidosis of the hand] Saffar P, et al. **Ann Chir Main** 1985; 4(1):67–9 (Eng. Abstr.) (Fre)

[A case of spinal cord sarcoidosis (letter)] Bouche P, et al. **Ann Med Interne (Paris)** 1985;136(4):351–2 (Fre)

[Sarcoidosis in a child disclosed by blindness with major hypercalcemia] Roussat B, et al. **J Fr Ophtalmol** 1984; 7(6–7):463–7 (Eng. Abstr.) (Fre)

[Hypothalamic sarcoidosis with chiasmatic involvement] Godlewski J, et al. **Rev Otoneuroophtalmol** 1984 Jul–Dec; 56(4–5):347–55 (Eng. Abstr.) (Fre)

[Granulomatous hepatitis and portal hypertension. Sarcoidosis? Primary biliary cirrhosis? Brucellosis?] Mosimann F, et al. **Schweiz Rundsch Med Prax** 1984 Aug 14;73(33):1019–22 (Eng. Abstr.) (Fre)

[Diagnosis and therapy of laryngeal sarcoidosis] Jakse R, et al. **HNO** 1985 Mar;33(3):118–23 (Eng. Abstr.) (Ger)

[Significance of the diagnosis of sarcoidosis in otorhinolaryngology] Hüttenbrink KB. **Laryngol Rhinol Otol (Stuttg)** 1985 Jul;64(7):325–7 (Eng. Abstr.) (Ger)

[Generalized chronic sarcoidosis with clinically silent myocardial involvement] Kirsten D, et al. **Prax Klin Pneumol** 1984 Sep;38(9):417–9 (Eng. Abstr.) (Ger)

[Case from practice (27). Erythema nodosum] Orfei R. **Schweiz Rundsch Med Prax** 1984 Dec 4;73(49):1525–6 (Ger)

[Angiotensin converting enzyme in lung diseases] Mayr K, et al. **Wien Med Wochenschr** 1985 Mar 15;135(5):109–13 (Eng. Abstr.) (Ger)

[Misdiagnosis of sarcoidosis in active pulmonary tuberculosis] Rubinstein I, et al. **Harefuah** 1985 Feb 15;108(4):175–6 (Eng. Abstr.) (Heb)

[Diagnostic criteria of cardiac manifestations of sarcoidosis (letter)] **Orv Hetil** 1985 Jun 9;126(23):1445 (Hun)

[Pulmonary manifestations of extrathoracic sarcoidosis without pulmonary roentgenologic signs] Nagy L, et al. **Orv Hetil** 1985 Sep 1;126(35):2169–70 (Eng. Abstr.) (Hun)

[A case of sarcoidosis involving multiple organs presenting hypothalamus-hypophysis system disturbance] Fukuda K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Feb; 23(2):230–6 (Eng. Abstr.) (Jpn)

[A case of amyloidosis with BHL (bilateral hilar lymphadenopathy), suspected to be sarcoidosis] Kikuchi K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Feb; 23(2):245–8 (Eng. Abstr.) (Jpn)

[Bronchoalveolar lavage in sarcoidosis] Takenaka S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug; 22(8):644–9 (Eng. Abstr.) (Jpn)

[A case of so-called Lennert's lymphoma, suspected of sarcoidosis due to uveitis occurring first and elevation of serum angiotensin-converting enzyme (ACE)] Tamura A, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Nov; 22(11):1033–9 (Eng. Abstr.) (Jpn)

[A case of sarcoidosis presenting with hoarseness due to false vocal cord tumor] Terao S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jun;22(6):514–7 (Eng. Abstr.) (Jpn)

[A case of fatal myocardial sarcoidosis] Ogawa H, et al. **Nippon Naika Gakkai Zasshi** 1984 Nov;73(11):1656–64 (Jpn)

[A case of sarcoid myopathy] Tomonaga A, et al. **Nippon Naika Gakkai Zasshi** 1984 Dec;73(12):1837–41 (Jpn)

[Significance of abdominal ultrasonography as a diagnostic clue of abdominal sarcoidosis] Suzuki Y, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):118–22 (Jpn)

[Sarcoidosis of the nose] Miszke A, et al. **Otolaryngol Pol** 1984;38(2):171–5 (Eng. Abstr.) (Pol)

[Difficulties in the diagnosis of exclusively cutaneous sarcoidosis] Proenca NG, et al. **AMB** 1984 May–Jun; 30(5–6):101–4 (Eng. Abstr.) (Por)

[Lesions of the spleen in sarcoidosis] Shatalov NN, et al. **Klin Med (Mosk)** 1985 Jun;63(6):58–61 (Eng. Abstr.) (Rus)

[Sarcoidous pneumonia] Karachunskiĭ MA, et al. **Probl Tuberk** 1985;(1):69–70 (Rus)

[Clinico-roentgenological characteristics and complications of chronic diffuse forms of pulmonary sarcoidosis] Kostina ZI, et al. **Probl Tuberk** 1985;(1):32–5 (Eng. Abstr.) (Rus)

[ACE in serum––clinical significance in sarcoidosis] Filipović N, et al. **Plucne Bolesti** 1984 Jan–Jun;36(1–2):98–101 (Eng. Abstr.) (Ser)

[Sarcoidosis clinically restricted to the nervous system. Diagnostic difficulties] Jiménez MD, et al. **Rev Clin Esp** 1985 Apr;176(7):359–61 (Eng. Abstr.) (Spa)

[Clinicobiologic profile of sarcoidosis. Analysis of 35 cases] Lorente JA, et al. **Rev Clin Esp** 1985 Feb;176(3):112–7 (Eng. Abstr.) (Spa)

DRUG THERAPY

Intralesional triamcinolone for cutaneous palpebral sarcoidosis. Bersani TA, et al. **Am J Ophthalmol** 1985 May 15;99(5):561–2

Prediction of therapeutic response in steroid-treated pulmonary sarcoidosis. Evaluation of clinical parameters, bronchoalveolar lavage, gallium-67 lung scanning, and serum angiotensin-converting enzyme levels. Hollinger WM, et al. **Am Rev Respir Dis** 1985 Jul;132(1):65–9

Intravenous pulse methyl prednisolone in the successful treatment of severe sarcoid polyneuropathy with pulmonary involvement. Allen RK, et al. **Aust NZ J Med** 1985 Feb;15(1):45–6

Invasive nasal sarcoidosis treated with methotrexate. Fenton DA, et al. **Clin Exp Dermatol** 1985 May;10(3):279–83

Spinal cord sarcoidosis. Case report. Martin CA, et al. **J Neurosurg** 1984 Nov;61(5):981–2

Prednisone-induced hypercalcaemia in a patient with sarcoidosis and primary hyperparathyroidism. Pols HA, et al. **Neth J Med** 1985;28(5):201–4

[Respiratory function and alveolar biological changes under the effect of CDP-choline in pulmonary interstitial pathology: pulmonary fibrosis and sarcoidosis] Pacheco Y, et al. **Rev Pneumol Clin** 1985;41(2):91–100 (Eng. Abstr.) (Fre)

[What is safe in the therapy of alveolitis and lung fibrosis?] Lanser K, et al. **Internist (Berlin)** 1984 Dec;25(12):735–40 (Ger)

[Initial modification of ACE levels by various corticoid doses in patients with sarcoidosis II] Rühle KH, et al. **Prax Klin Pneumol** 1985 Jan;39(1):15–8 (Eng. Abstr.) (Ger)

[Prognosis and indications of corticosteroid treatment of intrathoracic sarcoidosis––conclusions from a prospective study] Eule H, et al. **Z Erkr Atmungsorgane** 1985; 164(1):43–59 (Eng. Abstr.) (Ger)

[Complex treatment of patients with sarcoidosis of the respiratory organs] Kostina ZI. **Probl Tuberk** 1984 Aug; (8):48–52 (Eng. Abstr.) (Rus)

[Effectiveness of the complex treatment of patients with sarcoidosis of the respiratory organs] Poletaev SD, et al. **Probl Tuberk** 1984 Dec;(12):45–9 (Eng. Abstr.) (Rus)

[Sarcoidosis––etiology and treatment] Hällgren R. **Nord Med** 1985;100(4):114–5, 121 (Eng. Abstr.) (Swe)

ENZYMOLOGY

Clinical and biochemical aspects of sarcoidosis. With special reference to angiotensin-converting enzyme (ACE). Rømer FK. **Acta Med Scand [Suppl]** 1984;690:3–96

Sarcoid myopathy with elevated creatine phosphokinase. Ando DG, et al. **Am Rev Respir Dis** 1985 Feb; 131(2):298–300

Serum angiotensin-converting enzyme in sarcoidosis and psoriasis. Thestrup-Pedersen K, et al. **Arch Dermatol Res** 1985;277(1):16–8

Angiotensin-converting enzyme activity in human aqueous humor. Weinreb RN, et al. **Arch Ophthalmol** 1985 Jan; 103(1):34–6

Serial estimation of serum angiotensin converting enzyme activity during and after pregnancy in a woman with sarcoidosis. Erskine KJ, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):269–70

Activity of serum adenosine deaminase in sarcoidosis [letter] Klockars M, et al. **Clin Chem** 1985 Jan;31(1):155

Increased angiotensin-converting enzyme in peripheral blood monocytes from patients with sarcoidosis. Okabe T, et al. **J Clin Invest** 1985 Mar;75(3):911–4

Bronchioalveolar angiotensin converting enzyme activity. Value in assessing disease activity in sarcoidosis. Cummiskey J, et al. **J Med** 1984;15(3):213–25

The immunocytochemical detection of angiotensin-converting enzyme in alveolar macrophages from patients with sarcoidosis. Takada Y, et al. **Lung** 1984; 162(6):317–23

Serum angiotensin converting enzyme in sarcoidosis: sensitivity and specificity in diagnosis: correlations with disease activity, duration, extra-thoracic involvement, radiographic type and therapy. Ainslie GM, et al. **Q J Med** 1985 Jun;55(218):253–70

Determination of serum angiotensin-converting enzyme in sarcoidosis. Tassi G, et al. **Ric Clin Lab** 1984 Oct–Dec; 14(4):621–7

[Malignant lymphoma and sarcoidosis. Changes in the serum levels of angiotensin-converting enzyme (letter)] Fuzibet JG, et al. **Presse Med** 1984 Oct 20;13(37):2270 (Fre)

[Serum angiotensin convertase activity and clinical course of sarcoidosis. Course studies in Löfgren syndrome] Sehrt I, et al. **Z Erkr Atmungsorgane** 1985;164(1):39–42 (Eng. Abstr.) (Ger)

[Serum angiotensin convertase activity and clinical course in sarcoidosis. Course studies in primary chronic sarcoidosis] Sehrt I, et al. **Z Erkr Atmungsorgane** 1984; 163(2):175–86 (Eng. Abstr.) (Ger)

[Determination of enzyme activity in sarcoidosis––comparison of angiotensin convertase and collagen peptidase] Kirsten D, et al. **Z Gesamte Inn Med** 1984 Aug 15;39(16):383–7 (Eng. Abstr.) (Ger)

[Localization of angiotensin-converting enzyme and its activity in sarcoid granuloma by the substrate film technic] Onizuka O, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Apr;22(4):255–9 (Eng. Abstr.) (Jpn)

[Serum angiotensin-convertase activity in sarcoidosis and other chronic pulmonary diseases] Serbescu A, et al. **Rev Ig [Pneumoftiziol]** 1984 Apr–Jun;33(2):173–80 (Eng. Abstr.) (Rum)

ETIOLOGY

Lectins: a role in sarcoidosis? [letter] Mustchin CP. **Br Med J [Clin Res]** 1985 Mar 23;290(6472):936–7

Acute myeloblastic leukemia and sarcoidosis. Implications for pathogenesis. Reich JM. **Cancer** 1985 Jan 15;55(2):366–9

[Sarcoidosis of the parietal pleura––a contribution to the pathogenesis of intrathoracic sarcoidosis] Wetzer K, et al. **Z Erkr Atmungsorgane** 1984;162(3):270–5 (Eng. Abstr.) (Ger)

[Local post-traumatic sarcoid reaction] Bekker GM. **Sov Med** 1984;(7):112 (Rus)

HISTORY

Osler and sarcoidosis [letter] Salkin D. **Chest** 1985 Mar; 87(3):412

Sarcoidosis––the beginning: historical highlights of personalities and their accomplishments during the early years. Young RC Jr, et al. **J Natl Med Assoc** 1984 Sep; 76(9):887–96

IMMUNOLOGY

Presence of acid-labile interferon in the serum of sarcoidosis patients [letter] Rottoli L, et al. **Acta Virol (Praha)** 1985 Jan;29(1):91

Ia-like antigens on T-cells and their subpopulations in pulmonary sarcoidosis and in hypersensitivity pneumonitis. Analysis of bronchoalveolar and blood lymphocytes. Costabel U, et al. **Am Rev Respir Dis** 1985 Mar; 131(3):337–42

Major histocompatibility system and complotype in sarcoidosis. Cervera I, et al. **Arch Invest Med (Mex)** 1984 Apr–Jun;15(2):119–31 (Eng, Spa)

Lymphocyte subsets in tissue, blood, and bronchoalveolar lavage fluid in sarcoidosis. Sharma OP. **Asian Pac J Allergy Immunol** 1985 Jun;3(1):60–2

Immunological abnormalities in sarcoidosis. Simon MR. **Asian Pac J Allergy Immunol** 1984 Jun;2(1):135–8

The effect of indomethacin treatment on lymphocyte PHA reactivity in healthy controls and patients with lymphoma and sarcoidosis. Underhill G, et al. **Br J Haematol** 1985 Jul;60(3):423–8

Neutrophil phagocytosis in sarcoidosis. Reduced C3b receptor-mediated phagocytosis in active and silent sarcoidosis. Schmekel B, et al. **Clin Exp Immunol** 1985 Apr; 60(1):191–5

Bronchoalveolar T lymphocytes and pulmonary sarcoidosis. Hunninghake GW. **Clin Rev Allergy** 1985 May;3(2):227–34 (50 ref.)

Abnormalities of in vitro responses to polyclonal activation of peripheral blood lymphocytes in patients with active sarcoidosis. Pasquali JL, et al. **Eur J Clin Invest** 1985 Apr; 15(2):82–8

Selective IgA deficiency associated with recurrent sinopulmonary infections in sarcoidosis. Rubinstein I, et al. **Eur J Respir Dis** 1984 Oct;65(7):550–2

Serum-mediated stimulation and inhibition of neutrophil locomotion in sarcoidosis. Schmekel B, et al. **Eur J Respir Dis** 1984 Nov;65(8):592–9

Gamma interferon is spontaneously released by alveolar macrophages and lung T lymphocytes in patients with pulmonary sarcoidosis. Robinson BW, et al. **J Clin Invest** 1985 May;75(5):1488–95

Enhanced alveolar macrophage-mediated antigen-induced T-lymphocyte proliferation in sarcoidosis. Venet A, et al. **J Clin Invest** 1985 Jan;75(1):293–301

IgM cold-reactive lymphocytotoxin from sera in patients with sarcoidosis. Ikeda S, et al. **J Clin Lab Immunol** 1984 Oct;15(2):69–75

Characterization of mononuclear phagocyte subpopulations in the human lung by using monoclonal antibodies: changes in alveolar macrophage phenotype associated with pulmonary sarcoidosis. Hance AJ, et al. **J Immunol** 1985 Jan;134(1):284–92

Bronchoalveolar cells from sarcoid patients demonstrate enhanced antigen presentation. Lem VM, et al. **J Immunol** 1985 Sep;135(3):1766–71

Pulmonary sarcoidosis: flow cytometry measurement of lung T cell activation. Mornex JF, et al. **J Lab Clin Med** 1985 Jan;105(1):70–6

Relationship between circulating immune complexes, serum interferon and clinical features in sarcoidosis. Biglino A, et al. **Respiration** 1985;47(4):293–8

Pulmonary sarcoidosis: alterations in bronchoalveolar lymphocytes and T cell subsets. Greening AP, et al.

Thorax 1985 Apr;40(4):278-83

Renal transplantation and Boeck's sarcoidosis. Waltzer WC, et al. **Transplant Proc** 1984 Oct;16(5):1359-61

[Haptoglobin typing in sarcoidosis] Göring HD, et al. **Dermatol Monatsschr** 1985;171(2):128-9 **(Ger)**

[Lymphocyte markers in sarcoidosis and tuberculosis] Munker M, et al. **Prax Klin Pneumol** 1984 Oct;38(10):456-9 (Eng. Abstr.) **(Ger)**

[Bronchoalveolar immunoglobulins in sarcoidosis] Bauer W, et al. **Schweiz Med Wochenschr** 1985 Jan 19;115(3):103-5 (Eng. Abstr.) **(Ger)**

[Immunosuppressive acidic protein (IAP) levels in sarcoidosis] Nakata Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Sep;22(9):751-6 (Eng. Abstr.) **(Jpn)**

[Immunological studies of T gamma cells (IgG Fc-receptors bearing T cells) in peripheral blood of patients with sarcoidosis] Sawano T. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jul;22(7):562-9 (Eng. Abstr.) **(Jpn)**

[Immunologic disorders in patients with an active form of pulmonary sarcoidosis] Wolska-Goszka L. **Wiad Lek** 1984 May 15;37(10):777-81 (54 ref.) **(Pol)**

[T-lymphocyte subpopulations in sarcoidosis] Gergert VIa, et al. **Probl Tuberk** 1984 Sep;(9):65-9 (Eng. Abstr.) **(Rus)**

[Autoimmune thrombocytopenia in sarcoidosis] Glushko RA, et al. **Probl Tuberk** 1984 Aug;(8):73-4 **(Rus)**

[The HLA system and sarcoidosis] Valverde J, et al. **Med Clin (Barc)** 1984 Nov 24;83(17):702-4 (Eng. Abstr.) **(Spa)**

[The immunobiology of pulmonary granulomatosis (editorial)] Farga V. **Rev Med Chil** 1984 Nov; 112(11):1172-3 **(Spa)**

METABOLISM

Calcium and phosphate metabolism in sarcoidosis. Alberts C, et al. **Adv Exp Med Biol** 1984;178:405-9

Prostaglandins and thromboxanes in the bronchoalveolar lavage fluid: possible immunoregulation in sarcoidosis. Baughman RP, et al. **Am Rev Respir Dis** 1984 Nov; 130(5):933-6

Radioaerosol lung clearance in patients with active pulmonary sarcoidosis. Jacobs MP, et al. **Am Rev Respir Dis** 1985 May;131(5):687-9

Hypercalcemia in sarcoidosis. The puzzle finally solved [editorial] Sharma OP. **Arch Intern Med** 1985 Apr; 145(4):626-7

Sarcoid granulomas metabolize 25-hydroxyvitamin D3 in vitro. Okabe T, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):822-30

Hyaluronate in bronchoalveolar lavage fluid: a new marker in sarcoidosis reflecting pulmonary disease. Hällgren R, et al. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1778-81

Characterization of two glycoproteins isolated from lung lavage fluid of normal human and from patients with two pulmonary diseases. Bhattacharyya SN, et al. **Inflammation** 1984 Dec;8(4):407-15

Isolation and structural identification of 1,25-dihydroxyvitamin D3 produced by cultured alveolar macrophages in sarcoidosis. Adams JS, et al. **J Clin Endocrinol Metab** 1985 May;60(5):960-6

Human alveolar macrophages synthesize factor VII in vitro. Possible role in interstitial lung disease. Chapman HA Jr, et al. **J Clin Invest** 1985 Jun;75(6):2030-7

Characterization of 1 alpha-hydroxylation of vitamin D3 sterols by cultured alveolar macrophages from patients with sarcoidosis. Adams JS, et al. **J Exp Med** 1985 Apr 1;161(4):755-65

Decreased phosphatidylcholine in the lung fluid of patients with sarcoidosis. Baughman RP, et al. **Lipids** 1985 Jul; 20(7):496-9

OCCURRENCE

Sarcoidosis in Caucasians, Blacks and Asians in London. Edmondstone WM, et al. **Br J Dis Chest** 1985 Jan; 79(1):27-36

Sarcoidosis in India. Gupta SK, et al. **Br J Dis Chest** 1985 Jul;79(3):275-83

Sarcoidosis: focus on the black patient. Daniele RP. **NY State J Med** 1985 Apr;85(4):162-3

Childhood sarcoidosis in Arkansas. Abernathy RS. **South Med J** 1985 Apr;78(4):435-9

Incidence of sarcoidosis in the Isle of Man. Parkes SA, et al. **Thorax** 1985 Apr;40(4):284-7

Sarcoid in a Nigerian: geographical variation of the frequency of sarcoid among blacks considered. Newsome F, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):663-4

Sarcoidosis in the West African. A report of eight Nigerian patients with cutaneous lesions. Jacyk WK. **Trop Geogr Med** 1984 Sep;36(3):231-6

[Epidemiology and clinical aspects of sarcoidosis as a cyclic infection disease with low penetrance] Werner E. **Z Erkr Atmungsorgane** 1985;164(1):94-7 (Eng. Abstr.) **(Ger)**

[Epidemiology of skin sarcoidosis in the area of Zrenjanin] Belić D, et al. **Plucne Bolesti** 1984 Jan-Jun;36(1-2):88-90 (Eng. Abstr.) **(Scr)**

[Sarcoidosis. Epidemiological, clinical and diagnostic aspects in 40 patients] García Martín C, et al. **Rev Clin Esp** 1985 Jan;176(1):32-4 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Scalene lymph node biopsy. A diagnostic method in sarcoidosis. Truedson H, et al. **Acta Chir Scand** 1985; 151(2):121-3

Myocardial sarcoidosis with a tumor-like left atrial thrombus. Tanaka T, et al. **Acta Pathol Jpn** 1984 Sep;34(5):1179-92

Alveolar lymphocytes in the follow-up of sarcoidosis. Carreiro G, et al. **Allergol Immunopathol (Madr)** 1984 Sep-Oct;12(5):377-82

Necrotizing sarcoid granulomatosis with suppurative features. Rolfes DB, et al. **Am J Clin Pathol** 1984 Nov; 82(5):602-7

Demonstration in situ of subsets of T-lymphocytes in sarcoidosis. Modlin RL, et al. **Am J Dermatopathol** 1984 Oct;6(5):423-7

Interstitial lung disease and hilar adenopathy in a 28-year-old man with aplastic anemia [clinical conference] **Am J Med** 1985 Apr;78(4):659-68

Conjunctival biopsy in sarcoidosis [letter] Angi MR, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):347-9

Conjunctival biopsy in sarcoidosis [letter] Argus WA. **Am J Ophthalmol** 1985 Aug 15;100(2):346-7

Conjunctival biopsy in sarcoidosis. Karcioglu ZA, et al. **Am J Ophthalmol** 1985 Jan 15;99(1):68-73

Diagnosing sarcoidosis by transconjunctival biopsy of the lacrimal gland [letter] Karma A. **Am J Ophthalmol** 1984 Nov;98(5):640-2

Blood and lung mononuclear cell inhibition of fibroblast growth in sarcoidosis. Elias JA, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1050-7

Bronchoalveolar lavage and lung histology. Comparative analysis of inflammatory and immunocompetent cells in patients with sarcoidosis and hypersensitivity pneumonitis. Semenzato G, et al. **Am Rev Respir Dis** 1985 Aug; 132(2):400-4

Synovitis with non-specific histological changes in synovium in chronic sarcoidosis. Palmer DG, et al. **Ann Rheum Dis** 1984 Dec;43(6):778-82

Pterygium formation due to sarcoidosis. Kalb RE, et al. **Arch Dermatol** 1985 Feb;121(2):276-7

Granulomas in sympathetic ophthalmia and sarcoidosis. Immunohistochemical study. Chan CC, et al. **Arch Ophthalmol** 1985 Feb;103(2):198-202

Sarcoidosis with oral involvement. Altman K, et al. **Br Dent J** 1984 Nov 10;157(9):310-1

Sarcoid with oral involvement [letter] Zakrzewska J, et al. **Br Dent J** 1985 Jan 5;158(1):3-4

Sarcoidosis with infiltration of the external ocular muscles. Stannard K, et al. **Br J Ophthalmol** 1985 Aug;69(8):562-6

Bronchial and transbronchial lung biopsy without fluoroscopy in sarcoidosis. Puar HS, et al. **Chest** 1985 Mar; 87(3):303-6

Scar sarcoidosis [letter] Ingber A, et al. **Clin Exp Dermatol** 1984 Sep;9(5):532

Micropapular sarcoidosis simulating lichen nitidus. Okamoto H, et al. **Dermatologica** 1985;170(5):253-5

Symptomatic sarcoidosis of the stomach. Chinitz MA, et al. **Dig Dis Sci** 1985 Jul;30(7):682-8

Conjunctival sarcoidosis. Bastiaensen LA, et al. **Doc Ophthalmol** 1985 Jan 31;59(1):5-9

GI symptoms in woman with pulmonary sarcoid. Hoenig LJ, et al. **Hosp Pract [Off]** 1985 Sep 30;20(9A):19-20

Sarcoidosis presenting initially as breast mass: report of two cases. Fitzgibbons PL, et al. **Hum Pathol** 1985 Aug; 16(8):851-2

Sarcoidosis of the breast. Ross MJ, et al. **Hum Pathol** 1985 Feb;16(2):185-7

Multiple biopsies in the diagnosis of sarcoidosis. Gupta SK, et al. **Indian J Chest Dis Allied Sci** 1984 Apr-Jun; 26(2):65-73

Pulmonary sarcoidosis: pathogenesis, staging and therapy. Saltini C, et al. **Int Arch Allergy Appl Immunol** 1985;76 Suppl 1:92-100

Hypopigmented lesions in sarcoidosis [letter] Hall RS, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1163-4

Sarcoidosis with xanthomatous and necrobiotic changes: a case report. Fujii Y, et al. **J Dermatol (Tokyo)** 1984 Oct; 11(5):493-6

Cutaneous sarcoidosis in Thailand: a case report. Tasanapradit P, et al. **J Med Assoc Thai** 1984 Jul; 67(7):437-41

Cardiac sarcoidosis. Gaetano LA, et al. **J Med Soc NJ** 1985 Feb;82(2):137-40

Intramedullary sarcoidosis of the cervical spinal cord. Vighetto A, et al. **J Neurol Neurosurg Psychiatry** 1985 May; 48(5):477-9

The Nashville experience with scalene node biopsy--a procedure of limited application. Ikard RW. **J Tenn Med Assoc** 1985 Feb;78(2):73-7

Fine-needle aspiration biopsy: efficacy in the diagnosis of head and neck sarcoidosis. Frable MA, et al. **Laryngoscope** 1984 Oct;94(10):1281-3

Cardiac sarcoidosis: a potentially treatable form of myocarditis. Lemery R, et al. **Mayo Clin Proc** 1985 Aug; 60(8):549-54

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 34-1985. A 32-year-old man with granulomatous myocarditis and cardiac failure. **N Engl J Med** 1985 Aug 22;313(8):498-509

A 39-year-old man with a testicular mass [clinical conference] **NY State J Med** 1984 Dec;84(12):611-7

Sarcoidosis of the breast. Reitz ME, et al. **NY State J Med** 1985 Jun;85(6):262-3

Lack of adverse effect of silicone implant on sarcoidosis of the breast. Riefkohl R, et al. **Plast Reconstr Surg** 1985 Aug; 76(2):296-8

Chronic pulmonary sarcoidosis: relationship between lung lavage cell counts, chest radiograph, and results of standard lung function tests. Lin YH, et al. **Thorax** 1985 Jul; 40(7):501-7

[Besnier-Boeck-Schaumann disease: multiple sarcoids on areas exposed to light] Goujon C, et al. **Ann Dermatol Venereol** 1984;111(9):815-7 **(Fre)**

[Value of alveolar lavage and transbronchial biopsy in the diagnosis of isolated sarcoid uveitis] Boscher C, et al. **J Fr Ophtalmol** 1985;8(2):159-63 (Eng. Abstr.) **(Fre)**

[Palpebral cutaneous localizations of sarcoidosis] Dufier JL, et al. **J Fr Ophtalmol** 1984;7(10):623-4 **(Fre)**

[Anatomo-clinical conference at the Salpêtrière, 1st February 1984. Behavior disorders, disorientation, anterograde amnesia, lymphocytic meningitis in a 65-year-old man] Warter JM, et al. **Rev Neurol (Paris)** 1985;141(2):155-61 **(Fre)**

[Pulmonary sarcoidosis. Study of the distribution of active alveolitis assessed by comparison of data from radiological examination, gallium 67 scintigraphy and double bronchoalveolar lavage] Perrin-Fayolle M, et al. **Rev Pneumol Clin** 1985;41(1):31-7 (Eng. Abstr.) **(Fre)**

[Sarcoidosis with destruction of joints] Blom WA, et al. **Hautarzt** 1985 Feb;36(2):109-12 (Eng. Abstr.) **(Ger)**

[The function of macrophages in sarcoidosis. II. Parameters of the clinical activity of the disease correlated with the cytology of bronchoalveolar lavage] Rubin R, et al. **Prax Klin Pneumol** 1984 Oct;38(10):452-5 (Eng. Abstr.) **(Ger)**

[Necrotizing sarcoid granulomatosis of the lung] Rühl GH, et al. **Prax Klin Pneumol** 1985 Aug;39(8):284-7 (Eng. Abstr.) **(Ger)**

[Bioptic evaluation of myocardial sarcoidosis--a case report] Schaedel H, et al. **Prax Klin Pneumol** 1985 Apr; 39(4):139-41 (Eng. Abstr.) **(Ger)**

[Biopsy confirmation of clinically suspected heart sarcoidosis] Kirsten D, et al. **Z Erkr Atmungsorgane** 1985;164(3):305-8 (Eng. Abstr.) **(Ger)**

[Sarcoidosis with transepidermal elimination] Bundino S, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec;119(6):415-6 (Eng. Abstr.) **(Ita)**

[Implication of the bronchoscopic examination in sarcoidosis (transbronchial lung biopsy, endoscopic findings and bronchoalveolar lavage)] Maezato K. **Bull Chest Dis Res Inst Kyoto Univ** 1984 Mar;17(1-2):86-97 (Eng. Abstr.) **(Jpn)**

[Bronchial involvement in sarcoidosis, retinalization of vessels in bronchial mucosa] Ichikawa Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Feb;23(2):215-9 (Eng. Abstr.) **(Jpn)**

[Comparative pulmonary histopathology of sarcoidosis, chronic beryllium disease and hypersensitivity pneumonitis] Kitaichi M. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Sep;22(9):769-82 (Eng. Abstr.) **(Jpn)**

[Besnier-Boeck-Schaumann disease with laterocervical lymph node onset. Comments on a case] Cotulbea S, et al. **Rev Chir [Otorinolaringol]** 1985 Apr-Jun;30(2):111-4 (Eng. Abstr.) **(Rum)**

[Diabetes insipidus in sarcoidosis of the lungs] Volkova KI. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):6-9 (Eng. Abstr.) **(Rus)**

[Morphological criteria of sarcoidosis] Kazak TI, et al. **Probl Tuberk** 1985;(2):58-62 (Eng. Abstr.) **(Rus)**

[Case of sarcoidosis with involvement of the orbit] Oksenov BS, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):48-9 (Eng. Abstr.) **(Rus)**

[Generalized sarcoidosis of the organs of the abdominal cavity] Radevich OL, et al. **Vestn Khir** 1985 Jan;134(1):73-4 **(Rus)**

PHYSIOPATHOLOGY

Course and prognosis of sarcoidosis in a nonreferral setting. Analysis of 86 patients observed for 10 years. Reich JM, et al. **Am J Med** 1985 Jan;78(1):61-7

Pulmonary function studies in sarcoidosis. Esposito V, et al. **Arch Monaldi** 1984 Jan-Apr;39(1-2):91-4

Right and left ventricular function in sarcoidosis [letter] Movahed A, et al. **Chest** 1984 Nov;86(5):800-1

Sarcoidosis of the peripheral nerve: clinical, electrophysiological and histological study of two cases. Galassi G, et al. **Eur Neurol** 1984;23(6):459-65

Airway function in stage I and stage II pulmonary sarcoidosis. Argyropoulou PK, et al. **Respiration** 1984; 46(1):17-25

Pulmonary haemodynamics at rest and during exercise in patients with sarcoidosis. Głuskowski J, et al. **Respiration** 1984;46(1):26-32

Bronchial reactivity in patients with recent pulmonary sarcoidosis. Olafsson M, et al. **Thorax** 1985 Jan;40(1):51-3

[The echocardiographic picture in sarcoidosis] Gregor P, et al. **Cas Lek Cesk** 1984 Oct 26;123(43):1318-22 (Eng. Abstr.) **(Cze)**

[Peripheral retinal neovascularization in sarcoidosis. Apropos of a case] Bec P, et al. **Bull Soc Ophtalmol Fr** 1984 May; 84(5):681-6 **(Fre)**

[Cardiac manifestations of Boeck's sarcoidosis] Károlyi A, et al. **Orv Hetil** 1985 Feb 24;126(8):465-7 (Eng. Abstr.) **(Hun)**

[Present views on the pathogenesis of sarcoidosis] Djurić B. **Plucne Bolesti** 1984 Jan-Jun;36(1-2):95-7 (Eng. Abstr.) (Ser)

RADIOGRAPHY

Radiographic manifestations of cardiac sarcoid. Chiles C, et al. **AJR** 1985 Oct;145(4):711-4

Unusual manifestations of thoracic sarcoidosis. Rockoff SD, et al. **AJR** 1985 Mar;144(3):513-28 (187 ref.)

Peripheral pulmonary infiltrates in sarcoidosis. Glazer HS, et al. **Chest** 1984 Nov;86(5):741-4

Necrotizing sarcoid-like granulomatosis: radiologic-pathologic correlation. Fisher MR, et al. **J Can Assoc Radiol** 1984 Sep;35(3):313-5

Retroperitoneal manifestations of sarcoidosis on computed tomography. Meranze S, et al. **J Comput Assist Tomogr** 1985 Jan-Feb;9(1):50-2

Spinal cord sarcoidosis. Espinosa GA, et al. **Milit Med** 1985 Jun;150(6):309-13

Case report 306. Diagnosis: sarcoidosis affecting the frontal and nasal bones. Madoule P, et al. **Skeletal Radiol** 1985; 13(4):304-8

[Bone sarcoidosis. Apropos of a case followed for 14 years] Marsot-Dupuch K, et al. **Ann Radiol (Paris)** 1984 Dec; 27(8):726-8 (Eng. Abstr.) (Fre)

[A case of sarcoidosis with multiple pulmonary cavities] Okada M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Oct;22(10):910-4 (Eng. Abstr.) (Jpn)

[A case of sarcoidosis with development of small diffuse nodular shadows on the chest x-ray within one month of the clinical course] Yoshimura K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug; 22(8):696-702 (Eng. Abstr.) (Jpn)

[A case of pulmonary sarcoidosis with atypical radiological picture] Mierzejewska A, et al. **Pneumonol Pol** 1984 May; 52(5):251-6 (Eng. Abstr.) (Pol)

RADIONUCLIDE IMAGING

Skin uptake of Gallium 67 in cutaneous sarcoidosis. Huisman PM, et al. **Acta Derm Venereol (Stockh)** 1985;65(3):243-7

Gallium67 citrate scanning in patients with lacrimal gland and conjunctival sarcoidosis. A report on three cases. Karma A,,et al. **Acta Ophthalmol (Copenh)** 1984 Aug; 62(4):549-55

An in vitro gallium-67 lung index for the evaluation of sarcoidosis. Braude AC, et al. **Am Rev Respir Dis** 1984 Nov;130(5):783-5

Radioisotope bone scanning in a case of sarcoidosis. Cinti DC, et al. **Clin Nucl Med** 1985 Mar;10(3):192-4

Gallium imaging in sarcoid dactylitis. Schleissner LA, et al. **Clin Nucl Med** 1985 Feb;10(2):106-7

Computer-assisted sequential quantitative analysis of gallium scans in pulmonary sarcoidosis. Rohatgi PK, et al. **Eur J Respir Dis** 1985 Apr;66(4):248-55

Ga-67 scanning in the evaluation of the disease activity of T-cell alveolitis in sarcoidosis. Ichikawa Y, et al. **Kurume Med J** 1984;31(1):7-13

[Gallium citrate (Ga 67) scintigraphy in sarcoidosis. 3 cases (with cutaneous manifestations)] Guillet G, et al. **Ann Dermatol Venereol** 1984;111(11):1023-7 (Fre)

[Significance of gallium scintigraphy in tumors and granulomatosis of the skin] Thiers G, et al. **Z Hautkr** 1984 Sep 1;59(17):1183-4, 1187 (Eng. Abstr.) (Ger)

[Myocardial sarcoidosis diagnosed by thallium scintigraphy] Tamaki N, et al. **Rinsho Hoshasen** 1984 May;29(5):641-2 (Jpn)

RADIOTHERAPY

Treatment of central nervous system sarcoidosis with radiotherapy. Bejar JM, et al. **Ann Neurol** 1985 Aug; 18(2):258-60

SURGERY

Disfiguring lupus pernio successfully treated with plastic surgery. Shaw M, et al. **Clin Exp Dermatol** 1984 Nov; 9(6):614-7

[Circular resection of the trachea in Boeck's sarcoidosis] Avilova OM, et al. **Grudn Khir** 1984 Sep-Oct;(5):86-7 (Rus)

THERAPY

Sarcoid meningoencephalitis treated with high-dosage steroids and radiation [letter] Feibelman RY, et al. **Ann Intern Med** 1985 Jan;102(1):136

VETERINARY

Experimental Corynebacterium kutscheri infection in rats: bacteriology and serology. Brownstein DG, et al. **Lab Anim Sci** 1985 Apr;35(2):135-8

Immunotherapy of periocular sarcoids in horses. Lavach JD, et al. **Vet Clin North Am [Large Anim Pract]** 1984 Nov; 6(3):513-8 (17 ref.)

Treatment of equine sarcoids with BCG. Webster CJ, et al. **Vet Rec** 1985 Feb 2;116(5):131-2

SARCOLEMMA

ANALYSIS

Differences in lipid composition and fluidity of cardiac sarcolemma prepared from newborn and adult rabbits. Nagatomo T, et al. **Biochem Med** 1984 Aug;32(1):122-31

Structure-function studies of canine cardiac sarcolemmal membranes. I. Estimation of receptor site densities. Colvin RA, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):601-8

Chlorotetracycline fluorescence is a quantitative measure of the free internal Ca2+ concentration achieved by active transport. In situ calibration and application to bovine cardiac sarcolemmal vesicles. Dixon D, et al. **J Biol Chem** 1984 Nov 25;259(22):13737-41

Identification and partial purification of the cardiac sodium-calcium exchange protein. Hale CC, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6569-73

DRUG EFFECTS

Perturbations of sarcolemmal and microsomal enzymes by amphiphilic lipids and drugs. Weglicki WB, et al. **Adv Myocardiol** 1985;6:127-36

The effect of verapamil on ischaemia-induced changes to the sarcolemma. Daly MJ, et al. **J Mol Cell Cardiol** 1985 Jul;17(7):667-74

ENZYMOLOGY

Evidence for three catalytic sites in heart sarcolemmal phospholipid N-methylation. Ganguly PK, et al. **Adv Myocardiol** 1985;6:157-64

Inhibition of sarcolemmal Na+-K+-ATPase by palmitoyl carnitine: potentiation by propranolol. Kramer JH, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):H75-81

ATP produced by myocardial sarcolemmal-bound creatine kinase is not preferentially used by the Na+ pump. Philipson KD, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):696-702

Nitroglycerin stimulates the sarcolemmal Ca++-extrusion ATPase of coronary smooth muscle cells. Popescu LM, et al. **Biochem Pharmacol** 1985 May 15;34(10):1857-60

Streptozotocin-induced diabetes and hormone sensitivity of adenylate cyclase in rat myocardial sarcolemma, aorta and liver. Srivastava AK, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):2013-7

The base-exchange enzyme activities of sarcolemma and sarcoplasmic reticulum from rat heart. Hattori H, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):542-8

A Mg2+-independent high-affinity Ca2+-stimulated adenosine triphosphatase in the plasma membrane of rat stomach smooth muscle. Subcellular distribution and inhibition by Mg2+. Kwan CY, et al. **Biochim Biophys Acta** 1984 Oct 3;776(2):209-16

Effect of prazosin treatment on the cardiac sarcolemmal ATPase in failing heart due to mitral insufficiency in dogs. Prasad K, et al. **Cardiovasc Res** 1985 Jul;19(7):406-10

Activation of contractility and sarcolemmal Ca2+-ATPase by Ca2+ during postnatal development of the rat heart. Vornanen M. **Comp Biochem Physiol [A]** 1984;78(4):691-5

Magnesium-dependent conformational changes of membrane proteins are related to the Mg2+-dependent ATPase activity in cardiac sarcolemma. Vrbjar N, et al. **FEBS Lett** 1985 Sep 2;188(2):379-82

The effects of lidocaine and procainamide on the sarcolemmal membrane high affinity cyclic AMP phosphodiesterase of rat myocardium. Illiano G, et al. **Gen Pharmacol** 1985; 16(2):115-9

Exaprolol as a modulator of heart sarcolemmal (Na+ + K+)-ATPase. Evidence for interaction with an essential sulfhydryl group in the catalytic centre of the enzyme. Džurba A, et al. **Gen Physiol Biophys** 1985 Jun;4(3):257-64

Quantitative relationship between the protein secondary structure in cardiac sarcolemma and the activity of the membrane-bound Ca2+-ATPase. Vrbjar N, et al. **Gen Physiol Biophys** 1985 Aug;4(4):411-6

Effect of swimming exercise on rat heart sarcolemmal ATPase activities. Murthy KR, et al. **Indian Heart J** 1984 Jul-Aug;36(4):223-5

A protein activator of the plasma membrane Ca++-ATPase of heart sarcolemma. Reinlib LJ, et al. **J Bioenerg Biomembr** 1984 Dec;16(5-6):611-22

The Ca2+-pumping ATPase in skeletal muscle sarcolemma. Calmodulin dependence, regulation by cAMP-dependent phosphorylation, and purification. Michalak M, et al. **J Biol Chem** 1984 Dec 25;259(24):15540-7

Phosphorylation of the Ca2+-pumping ATPase of heart sarcolemma and erythrocyte plasma membrane by the cAMP-dependent protein kinase. Neyses L, et al. **J Biol Chem** 1985 Aug 25;260(18):10283-7

Phosphorylation of the sarcolemma of dystrophic and normal hamster muscle following denervation. Walkiewicz MJ, et al. **J Neurol Sci** 1985 May-Jun;69(1-2):93-102

Effects of adenosine on transmembrane potential and sarcolemmal Na+-K+ ATPase activity of human atrial myocardium. Lee YS, et al. **Jpn Heart J** 1985 Jan; 26(1):69-80

Influence of myosin antiserum on heart sarcolemmal Ca2+ or Mg2+ ATPase activity. Tuana BS, et al. **Res Commun Chem Pathol Pharmacol** 1984 Aug; 45(2):297-300

[Mg2,Ca2+-ATPase activity of sarcolemmas of intestinal smooth muscle cells in the rabbit] Gruzina TG, et al. **Biokhimiia** 1984 Sep;49(9):1523-8 (Eng. Abstr.) (Rus)

[M-cholinoreceptor-mediated inhibition of Na, K-ATPase activity in the myocardial sarcolemma and intestinal smooth muscles by acetylcholine] Danilenko MP, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):259-61 (Eng. Abstr.) (Rus)

[Regulation of sarcolemmal Ca2+-ATPase activity in the heart based on the differing effect of sodium and potassium ions] Ziegelhöffer A, et al. **Bratisl Lek Listy** 1985 Mar; 83(3):301-7 (Eng. Abstr.) (Slo)

IMMUNOLOGY

Surface antigens of adult heart cells and their use in diagnosis. Maisch B. **Basic Res Cardiol** 1985;80 Suppl 1:47-51

METABOLISM

Calmodulin in the regulation of calcium fluxes in cardiac sarcolemma. Carafoli E. **Adv Myocardiol** 1985;5:97-101

A Na+-Ca2+ exchange process in isolated sarcolemmal membranes of mesenteric arteries from WKY and SHR rats. Matlib MA, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C166-72

Charged amphiphiles regulate heart contractility and sarcolemma-Ca2+ interactions. Philipson KD, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):H147-50

Sarcolemma-bound calcium. Its importance for cell viability. Borgers M, et al. **Basic Res Cardiol** 1985;80 Suppl 1:30-5

Myocellular calcium regulation by the sarcolemmal membrane in the adult and immature rabbit heart. Boucek RJ Jr, et al. **Basic Res Cardiol** 1985 May-Jun;80(3):316-25

Profile of the oppositely acting enantiomers of the dihydropyridine 202-791 in cardiac preparations: receptor binding, electrophysiological, and pharmacological studies. Williams JS, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):13-21

The effect of tetrodotoxin on mammalian sarcolemmal proteins and glycoproteins. Jeffrey PL, et al. **Biochem Int** 1985 May;10(5):715-22

Stimulation by doxorubicin of adrenochrome formation by bovine heart sarcolemma. Georgountzos A, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3707-9

Comparison of high affinity binding of calcium channel blocking drugs to vascular smooth muscle and cardiac sarcolemmal membranes. Sarmiento JG, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3119-23

A possible action of nicardipine on the cardiac sarcolemmal Na+-Ca2+ exchange. Takeo S, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2303-8

Involvement of superoxide radicals on adrenochrome formation stimulated by arachidonic acid in bovine heart sarcolemmal vesicles. Guarnieri C, et al. **Biochim Biophys Acta** 1985 Mar 8;838(3):355-60

Phosphorylation of ventricular sarcolemmal membranes does not alter binding properties of nitrendipine. Hayes JS, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):313-20

alpha-Adrenergic stimulation of trans-sarcolemma electron efflux in perfused rat heart. Possible regulation of Ca2+-channels by a sarcolemma redox system. Löw H, et al. **Biochim Biophys Acta** 1985 Feb 21;844(2):142-8

Characteristics of adenosine binding sites in atrial sarcolemmal membranes. Michaelis ML, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):241-50

Na+-dependent alkaline earth metal uptake in cardiac sarcolemmal vesicles. Tibbits GF, et al. **Biochim Biophys Acta** 1985 Jul 25;817(2):327-32

Stimulatory effect of calcium chelators on Na+-Ca2+ exchange in cardiac sarcolemmal vesicles. Trosper TL, et al. **Cell Calcium** 1984 Jun;5(3):211-22

Comments on 'biochemical properties of membranes isolated from calcium-depleted rabbit hearts' [letter] Bersohn MM. **Circ Res** 1985 Feb;56(2):285-6

Modulation of canine myocardial sarcolemmal membrane fluidity by amphiphilic compounds. Fink KL, et al. **Circ Res** 1984 Nov;55(5):585-94

Sodium-sensitive calcium binding to sarcolemma-enriched preparations from canine ventricle. Frankis MB, et al. **Circ Res** 1984 Nov;55(5):676-88

Sarcolemmal phosphatidylethanolamine N-methylation in diabetic cardiomyopathy. Ganguly PK, et al. **Circ Res** 1984 Oct;55(4):504-12

The effect of pH on cellular and membrane calcium binding and contraction of myocardium. A possible role for sarcolemmal phospholipid in EC coupling. Langer GA. **Circ Res** 1985 Sep;57(3):374-82

Effects of Bay k 8644, a dihydropyridine analog, on [3H]nitrendipine binding to canine cardiac sarcolemma and the relationship to a positive inotropic effect. Vaghy PL, et al. **Circ Res** 1984 Oct;55(4):549-53

Characterization of the binding sites for nimodipine and (-)-desmethoxyverapamil in bovine cardiac sarcolemma. Ruth P, et al. **Eur J Biochem** 1985 Jul 15;150(2):313-22

Correlation of nitrendipine and Bay k 8644 binding to isolated canine heart sarcolemma with their pharmacological effects on the canine heart. Vaghy PL, et al. **Eur J Pharmacol** 1984 Jul 13;102(2):373-4

Calcium transport systems in cardiac sarcolemma and their regulation by the second messengers cyclic AMP and calcium-calmodulin. Lamers JM. **Gen Physiol Biophys** 1985 Apr;4(2):143-54

Secondary structure of heart sarcolemmal proteins during interaction with metallic cofactors of (Na+ + K+)-ATPase. Vrbjar N, et al. **Gen Physiol Biophys** 1984 Aug;3(4):317-25

Characterization of verapamil binding sites in cardiac membrane vesicles. Garcia ML, et al. **J Biol Chem** 1984

Dec 25;259(24):15013–6

Guanine nucleotide regulation of a mammalian myocardial muscarinic receptor system. Evidence for homo– and heterotropic cooperativity in ligand binding analyzed by computer–assisted curve fitting. Mattera R, et al. **J Biol Chem** 1985 Jun 25;260(12):7410–21

Effects of fatty acids on Na+–Ca2+ exchange and Ca2+ permeability of cardiac sarcolemmal vesicles. Philipson KD, et al. **J Biol Chem** 1985 Aug 15;260(17):9666–71

Isoproterenol–induced phosphorylation of a 15–kilodalton sarcolemmal protein in intact myocardium. Presti CF, et al. **J Biol Chem** 1985 Mar 25;260(6):3860–7

Demonstration of a Na+/H+ exchange activity in purified canine cardiac sarcolemmal vesicles. Seiler SM, et al. **J Biol Chem** 1985 Apr 25;260(8):4869–76

Vinculin in subsarcolemmal densities in chicken skeletal muscle: localization and relationship to intracellular and extracellular structures. Shear CR, et al. **J Cell Biol** 1985 Jul;101(1):240–56

Immunocytochemical localization of the mammalian voltage–dependent sodium channel using polyclonal antibodies against the purified protein. Haimovich B, et al. **J Neurosci** 1984 Sep;4(9):2259–68

Taurine modulation of calcium binding to cardiac sarcolemma. Sebring LA, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):445–51

Kinetics of binding of membrane–active drugs to receptor sites. Diffusion–limited rates for a membrane bilayer approach of 1,4–dihydropyridine calcium channel antagonists to their active site. Rhodes DG, et al. **Mol Pharmacol** 1985 Jun;27(6):612–23

Optical measurements of extracellular calcium depletion during a single heartbeat. Cleemann L, et al. **Science** 1984 Oct 12;226(4671):174–7

[Ca2+–calmodulin–dependent phosphorylation and passive transport of Ca2+ in the myocardial sarcolemma] Vorobets ZD, et al. **Biokhimiia** 1984 Aug;49(8):1268–74 (Eng. Abstr.) **(Rus)**

[Effect of 3':5'–AMP–dependent phosphorylation on passive Ca2+ transport in myocardial sarcolemma] Kurskiĭ MD, et al. **Dokl Akad Nauk SSSR** 1983;272(2):506–9 **(Rus)**

[Phosphorylation of cardiac sarcolemma proteins in isadrine myocarditis] Antipenko AE, et al. **Ukr Biokhim Zh** 1985 Jul–Aug;57(4):15–8 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Cardiac membrane currents and energetic state. Osterrieder W, et al. **Basic Res Cardiol** 1985;80 Suppl 1:107–10

Possibility of metabolic control of membrane excitation. Tomita T, et al. **Experientia** 1985 Aug 15;41(8):963–70 (34 ref.)

Effects of membrane potential on sodium–dependent calcium uptake by sarcolemma–enriched preparations from canine ventricle. Hungerford RT, et al. **J Membr Biol** 1985; 84(3):207–19

The agonist effect of dihydropyridines on Ca channels. Brown AM, et al. **Nature** 1984 Oct 11–17;311(5986):570–2

Different modes of Ca channel gating behaviour favoured by dihydropyridine Ca agonists and antagonists. Hess P, et al. **Nature** 1984 Oct 11–17;311(5986):538–44

Some properties of acetylcholine receptors in human cultured myotubes. Adams DJ, et al. **Proc R Soc Lond [Biol]** 1985 Apr 22;224(1235):183–96

PHYSIOPATHOLOGY

Membrane damage and the pathogenesis of cardiomyopathies. Katz AM, et al. **J Mol Cell Cardiol** 1985 Jul;17 Suppl 2:11–20 (72 ref.)

ULTRASTRUCTURE

Structure–function studies of canine cardiac sarcolemmal membranes. II. Structural organization of the sarcolemmal membrane as determined by electron microscopy and lamellar X–ray diffraction. Herbette LG, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):609–23

Ultrastructural changes of sarcolemma and mitochondria in the isolated rabbit heart during ischemia and reperfusion. Post JA, et al. **Biochim Biophys Acta** 1985 Apr 22; 845(1):119–23

Scanning electron–microscopic studies on the three–dimensional structure of mitochondria in the mammalian red, white and intermediate muscle fibers. Ogata T, et al. **Cell Tissue Res** 1985;241(2):251–6

Posttranslational control of membrane–skeleton (ankyrin and alpha beta–spectrin) assembly in early myogenesis. Nelson WJ, et al. **J Cell Biol** 1985 May;100(5):1726–35

A freeze–fracture study of postembryonic differentiation of latissimus dorsi muscles of the chicken. Zhang Y, et al. **J Morphol** 1985 Feb;183(2):145–53

Properties of single potassium channels in vesicles formed from the sarcolemma of frog skeletal muscle. Standen NB, et al. **J Physiol (Lond)** 1985 Jul;364:339–58

Isoproterenol induced fatty change in rat myocardium: freeze fracture study of the sarcolemma at sites of lipid droplet–membrane appositions. Bruneval P, et al. **J Submicrosc Cytol** 1985 Jul;17(3):335–43

Freeze–fracture of frog slow tonic fibers. Structure of surface and internal membranes. Franzini–Armstrong C. **Tissue Cell** 1984;16(4):647–64

[Nemaline bodies in striated muscles of animals with alloxan diabetes] Pogátsa G, et al. **Morphol Igazsagugyi Orv Sz** 1985 Jan;25(1):21–4 (Eng. Abstr.) **(Hun)**

SARCOLYSINE see **MELPHALAN**

SARCOMA

see related
AVIAN SARCOMA VIRUSES

Soft tissue sarcomas of the hand and foot. Owens JC, et al. **Cancer** 1985 May 1;55(9):2010–8

Epithelioid sarcoma of the upper extremity. Hoopes JE, et al. **Plast Reconstr Surg** 1985 Jun;75(6):810–3

[Sarcomas of the uterus] Guercio E, et al. **Minerva Ginecol** 1984 Sep;36(9):523–8 (Eng. Abstr.) **(Ita)**

[Sarcomas of pararectal fat] Koplatadze AM, et al. **Vopr Onkol** 1984;30(11):57–9 (Eng. Abstr.) **(Rus)**

ANALYSIS

Cytoplasmic estrogen and progesterone receptor content of uterine sarcomas. Soper JT, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):342–8

Detection of an interferon antagonist, sarcolectin, in human sarcomas and muscles. Jiang PH, et al. **Int J Cancer** 1984 Nov 15;34(5):625–32

BLOOD

Vitamin A and non–epithelial tumours. Tyler HA, et al. **Br J Cancer** 1985 Mar;51(3):425–7

BLOOD SUPPLY

Interstitial fluid pressure and hemodynamics in a sarcoma implanted in the rat tail. Wiig H, et al. **Microvasc Res** 1985 Mar;29(2):176–89

CHEMICALLY INDUCED

Nitrosamide–induced sarcomas in the gastric pylorus of hamsters. A histological and ultrastructural survey on the histogenesis. Mori H, et al. **Acta Pathol Jpn** 1985 May; 35(3):577–90

Soft tissue sarcoma and exposure to phenoxyherbicides and chlorophenols in New Zealand. Smith AH, et al. **JNCI** 1984 Nov;73(5):1111–7

Experimentally produced synovial sarcoma in mice. Szepsenwol J, et al. **Oncology** 1985;42(1):61–7

An evaluation of reports of dioxin exposure and soft tissue sarcoma pathology among chemical workers in the United States. Fingerhut MA, et al. **Scand J Work Environ Health** 1984 Oct;10(5):299–303

[Phenoxyacetates and sarcoma in the Danish chemical and agricultural industry (letter)] Clemmesen J. **Ugeskr Laeger** 1985 Jan 14;147(3):204–6 **(Dan)**

COMPLICATIONS

Chordoid sarcoma complicating Paget's disease of bone: a case report and review of the literature. Griffin JF, et al. **Br J Radiol** 1984 Sep;57(682):836–40

The efficacy of total parenteral nutrition in malnourished tumor–bearing rats. Kokal WA, et al. **Cancer** 1985 Mar 15;55(6):1271–5

DIAGNOSIS

Epithelioid sarcoma. Diagnosis, prognostic indicators, and treatment. Chase DR, et al. **Am J Surg Pathol** 1985 Apr; 9(4):241–63

Rib sarcoma with multiple bone metastases. Proceedings of the Tumor Board of the Children's Hospital of Philadelphia [clinical conference] Mitchell CD. **Med Pediatr Oncol** 1985; 13(5):298–300

Synovial sarcoma, a nasopharyngeal location. Turnicky RP, et al. **Milit Med** 1985 Mar;150(3):156–9

[Diagnosis of prostatic malignant tumors] Shi QD. **Chung Hua Chung Liu Tsa Chih** 1985 May;7(3):226–8 (Eng. Abstr.) **(Chi)**

[Infrared thermography in the diagnosis of bone tumors] Gudushauri ON, et al. **Ortop Travmatol Protez** 1985 Jun; (6):39–42 **(Rus)**

DRUG THERAPY

Alternating combination chemotherapy of advanced soft tissue sarcomas in adults. Lopez M, et al. **Am J Clin Oncol** 1984 Oct;7(5):539–42

Aggressive endometrial stromal sarcoma responding to medroxyprogesterone following failure of tamoxifen and combination chemotherapy. Case report. O'Brien AA, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):862–6

The value of adjuvant chemotherapy in the management of sarcomas in children. Donaldson SS. **Cancer** 1985 May 1; 55(9 Suppl):2184–97 (108 ref.)

A randomized, prospective trial of adjuvant chemotherapy in adults with soft tissue sarcomas of the head and neck, breast, and trunk. Glenn J, et al. **Cancer** 1985 Mar 15; 55(6):1206–14

Treatment of recurrent or advanced uterine sarcoma. A randomized trial of doxorubicin versus doxorubicin and cyclophosphamide (a phase III trial of the Gynecologic Oncology Group). Muss HB, et al. **Cancer** 1985 Apr 15; 55(8):1648–53

Analysis of a series of sixty soft tissue sarcomas in adults treated with a cyclophosphamide–vincristine–adriamycin–dacarbazine (CYVADIC) combination. Bui NB, et al. **Cancer Chemother Pharmacol** 1985;15(1):82–5

Phase II study of a combination of mitomycin, doxorubicin and cisplatin in advanced sarcomas. Edmonson JH, et al. **Cancer Chemother Pharmacol** 1985;15(2):181–2

Regional perfusion for malignant melanoma and soft tissue sarcoma: a review. Muchmore JH, et al. **Cancer Invest** 1985; 3(2):129–43 (81 ref.)

Activity of mitozolomide (NSC 353451), a new imidazotetrazine, against xenografts from human melanomas, sarcomas, and lung and colon carcinomas. Fodstad O, et al. **Cancer Res** 1985 Apr;45(4):1778–86

Multidrug (pleiotropic) resistance in doxorubicin–selected variants of the human sarcoma cell line MES–SA. Harker WG, et al. **Cancer Res** 1985 Sep;45(9):4091–6

Phase II trial of ifosfamide with mesna in previously treated metastatic sarcoma. Antman KH, et al. **Cancer Treat Rep** 1985 May;69(5):499–504

Phase II study of aclarubicin in previously untreated patients with advanced soft tissue sarcoma: a Southeastern Cancer Study Group trial. Bertrand M, et al. **Cancer Treat Rep** 1985 Jun;69(6):725–6

Phase II trial of mitoxantrone in advanced sarcomas: a Southwest Oncology Group study. Bull FE, et al. **Cancer Treat Rep** 1985 Feb;69(2):231–3

Role of adjuvant chemotherapy in the management of patients with soft tissue sarcomas. Edmonson JH. **Cancer Treat Rep** 1984 Sep;68(9):1063–6

Prospective randomized trials demonstrating the efficacy of adjuvant chemotherapy in adult patients with soft tissue sarcomas. Rosenberg SA. **Cancer Treat Rep** 1984 Sep; 68(9):1067–78

Phase II study of diaziquone in advanced soft tissue and bony sarcoma: a Southwest Oncology Group study. Zidar BL, et al. **Cancer Treat Rep** 1985 Sep;69(9):1035–6

Acute phase glycoproteins in sera of patients with sarcomas receiving methotrexate infusion therapy. Yap AK, et al. **Clin Biochem** 1985 Feb;18(1):70–2

Mitomycin C (MCC) in advanced soft tissue sarcoma: a phase II study of the EORTC Soft Tissue and Bone Sarcoma Group. van Oosterom AT, et al. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):459–61

Radiotherapy and/or chemotherapy as adjuvant treatment of uterine sarcomas. Sorbe B. **Gynecol Oncol** 1985 Mar; 20(3):281–9

Randomized trials in rare tumors [editorial] Holland JF. **J Clin Oncol** 1985 Sep;3(9):1163–5

[Conservative loco–regional treatment of soft tissue sarcoma in adults after induction chemotherapy] Marée D, et al. **Presse Med** 1985 May 11;14(19):1069–72 (Eng. Abstr.) **(Fre)**

[Hyperthermic isolation perfusion of the extremities in malignant melanomas and soft tissue sarcomas] Tonak J, et al. **Chirurg** 1984 Aug;55(8):499–504 **(Ger)**

[Preoperative adjuvant chemotherapy of skeletal and soft tissue sarcomas] Maeyama I, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1031–48 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

Uterine malignancy developing after a long term use of IUCD. Additional report of a case: association of endometrial stromal sarcoma with IUCD. Yang LC, et al. **Asia Oceania J Obstet Gynaecol** 1985 Jun;11(2):203–7

Sarcoma arising in a residual testicular teratoma after cytoreductive chemotherapy. Ahlgren AD, et al. **Cancer** 1984 Nov 1;54(9):2015–8

A case report of postradiation sarcoma. Yokoyama T, et al. **Hiroshima J Med Sci** 1984 Jun;33(2):247–50

Sarcoma and joint replacement. Hamblen DL, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):625–7

Postirradiation soft tissue sarcoma occurring in breast cancer patients: report of seven cases and results of combination chemotherapy. Kuten A, et al. **J Surg Oncol** 1985 Mar; 28(3):168–71

[Bone sarcoma and malignant tumors of the retina] Schlienger P, et al. **Bull Cancer (Paris)** 1985;72(1):16–24 (Eng. Abstr.) **(Fre)**

[Orbital apex syndrome as a result of fibrous dysplasia of the skull with malignant evolution] Savino S, et al. **Riv Neurol** 1984 Sep–Oct;54(5):340–6 (Eng. Abstr.) **(Ita)**

FAMILIAL & GENETIC

The occurrence of soft tissue sarcomas in three siblings with Werner's syndrome. Usui M, et al. **Cancer** 1984 Dec 1; 54(11):2580–6

Reciprocal translocation in small–cell sarcomas [letter] de Chadarevian JP, et al. **N Engl J Med** 1984 Dec 27; 311(26):1702–3

IMMUNOLOGY

Regulation of leukocyte glass adherence and tube leukocyte adherence inhibition (LAI) reactivity by serum factors in dogs with progressing or spontaneously regressing canine transmissible venereal sarcoma (CTVS). Harding MW, et al. **Cancer Immunol Immunother** 1985;19(3):168–76

Monoclonal antibodies to human sarcoma and connective tissue differentiation antigens. Feit C, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5752–6

Analysis of antigenic expression by primary and autologous metastatic human sarcomas using murine monoclonal antibodies. Roth JA, et al. **Cancer Res** 1984 Nov; 44(11):5320-5

METABOLISM

Glucose intolerance in sarcoma patients. Norton JA, et al. **Cancer** 1984 Dec 15;54(12):3022-7

Release of an Mr 140,000 glycoprotein in the culture media of certain human sarcoma and melanoma cell lines. Bízik J, et al. **Eur J Cancer Clin Oncol** 1985 Mar;21(3):317-24

The heparin binding proteins of sarcoma induced by methylcholantrene in rats. Farbiszewski R, et al. **Haematologia (Budap)** 1985;18(2):127-31

Prostaglandin and hydroxyeicosatetraenoic acid synthesis by human mesenchymal tumors. Knazek RA, et al. **Int J Cancer** 1985 Aug 15;36(2):143-52

Central nervous system pharmacology of Baker's antifolate (NSC139105) in man. Stewart DJ, et al. **J Neurooncol** 1984; 2(3):187-93

Elevated energy expenditure in hepatocytes from tumor-bearing rats. Roh MS, et al. **J Surg Res** 1985 May; 38(5):407-15

MICROBIOLOGY

Characterization of tumor cell lines from a spontaneous rat sarcoma expressing an endogenous retrovirus. Varnier OE, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):97-107

MORTALITY

Management of retroperitoneal sarcomas and patient survival. Karakousis CP, et al. **Am J Surg** 1985 Sep; 150(3):376-80

Long-term survival with metastatic uterine sarcoma. Hannigan EV. **NY State J Med** 1985 May;85(5):195-6

Prognostic features of pediatric soft-tissue sarcomas. Neifeld JP, et al. **Surgery** 1985 Jul;98(1):93-7

OCCURRENCE

Epidemiology of soft-tissue sarcoma in the locomotor system. A retrospective population-based study of the inter-relationships between clinical and morphologic variables. Rydholm A, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1984 Sep; 92(5):363-74

Uterine sarcoma in Israel: a study of 104 cases. Schwartz Z, et al. **Gynecol Oncol** 1985 Mar;20(3):354-63

Sarcomas of soft tissues after Vietnam service. Greenwald P, et al. **JNCI** 1984 Nov;73(5):1107-9

Problems in dose response interpretation in occupational epidemiology. Smith AH. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:189-95

Cutaneous carcinomas and soft tissue sarcomas induced by ionizing radiation therapy. Presentation of a series of 42 cases. Basso-Ricci S, et al. **Tumori** 1985 Feb 28;71(1):29-33

[Sarcomas of the head and neck] Narożny W, et al. **Otolaryngol Pol** 1984;38(6):493-9 (Eng. Abstr.) **(Pol)**

PATHOLOGY

Fine needle aspiration cytology of alveolar soft-part sarcoma. A case report. Kapila K, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug;29(4):559-61

Prognosis for soft-tissue sarcoma in the locomotor system. A retrospective population-based follow-up study of 237 patients. Rydholm A, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1984 Sep; 92(5):375-86

Uterine sarcoma: analysis of prognostic variables in 71 cases. Wheelock JB, et al. **Am J Obstet Gynecol** 1985 Apr 15; 151(8):1016-22

Cellular differentiation of epithelioid sarcoma. An electron-microscopic, enzyme-histochemical, and immunohistochemical study. Mukai M, et al. **Am J Pathol** 1985 Apr;119(1):44-56

Sarcoma of the breast. A study of 32 patients with reappraisal of classification and therapy. Callery CD, et al. **Ann Surg** 1985 Apr;201(4):527-32

Epithelioid sarcoma. Enzymatic histochemical and electron microscopic evidence of histiocytic differentiation. Padilla RS, et al. **Arch Dermatol** 1985 Mar;121(3):389-93

Epithelioid sarcoma. Report of a case. Puissegur-Lupo ML, et al. **Arch Dermatol** 1985 Mar;121(3):394-5

Pulmonary artery sarcomas. A review and report of a case. Baker PB, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):35-9

Embryonal (undifferentiated) sarcoma of the liver. Fine-needle aspiration cytology and ultrastructural findings. Pieterse AS, et al. **Arch Pathol Lab Med** 1985 Jul;109(7):677-80

Alveolar soft-part sarcoma. A study of 13 typical examples and one with a histologically atypical component. Evans HL. **Cancer** 1985 Feb 15;55(4):912-7

Sarcoma arising in metastatic carcinoma in the brain. A second instance. Feigin I, et al. **Cancer** 1984 Nov 1; 54(9):2047-50

Soft tissue sarcomas of the adult head and neck. Greager JA, et al. **Cancer** 1985 Aug 15;56(4):820-4

Sarcomas--a clinicopathological guide with particular reference to cutaneous manifestation. I. Dermatofibrosarcoma protuberans, malignant fibrous histiocytoma and the epithelioid sarcoma of Enzinger. Fletcher CD, et al. **Clin Exp Dermatol** 1984 Sep;9(5):451-65 (50 ref.)

Epithelioid sarcoma. Muscianese V, et al. **Dermatologica** 1985;170(1):43-7

Primary ovarian sarcoma: a case report. Gupta OP, et al. **East Afr Med J** 1984 Oct;61(10):775-7

Effects of a placental hormone, human chorionic somatomammotropin on normal and malignant cells. Mukherjee K, et al. **Endocrinol Jpn** 1984 Dec;31(6):825-30

Stem cell concept and heterogeneity of malignant soft tissue tumor--a challenge to reconsider diagnostics and therapy? Katenkamp D, et al. **Exp Pathol** 1985;28(1):3-11 (8 ref.)

Autopsy findings in patients with uterine sarcoma. Fleming WP, et al. **Gynecol Oncol** 1984 Oct;19(2):168-72

Endocervical stromal sarcoma--a case report. Jaffe R, et al. **Gynecol Oncol** 1985 Sep;22(1):105-8

Endometrial 'sarcomas' complicating ovarian thecoma, polycystic ovarian disease and estrogen therapy. Press MF, et al. **Gynecol Oncol** 1985 Jun;21(2):135-54

Squamous cell carcinoma with sarcoma-like stroma of the nose and paranasal sinuses: report of two cases. Piscioli F, et al. **Histopathology** 1984 Jul;8(4):633-9

The use of multicellular spheroids in establishing human sarcoma cell lines in vitro. Bruland O, et al. **Int J Cancer** 1985 Jun 15;35(6):793-8

The clinical and histologic spectrum of endometrial stromal neoplasms: a report of 41 cases. Fekete PS, et al. **Int J Gynecol Pathol** 1984;3(2):198-212

Patterns of recurrence in patients with high-grade soft-tissue sarcomas. Potter DA, et al. **J Clin Oncol** 1985 Mar; 3(3):353-66

Alveolar soft-part sarcoma of the oral cavity. Report of a case. Sawyer DR, et al. **J Oral Med** 1985 Jul-Sep; 40(3):139-41

Epithelioid sarcoma of Enzinger. Graham RM, et al. **J R Soc Med** 1984;77 Suppl 4:24-6

Development of nongerm cell malignancies in nonseminomatous germ cell tumors. Ritchey ML, et al. **J Urol** 1985 Jul;134(1):146-9

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 37-1985. A 69-year-old man with gastrointestinal bleeding and an abnormal Meckel scan. **N Engl J Med** 1985 Sep 12;313(11):680-8

Endolymphatic stromal myosis--a misconception [letter] Malfetano JH, et al. **NY State J Med** 1985 Jun;85(6):242-3

Primary sarcoma of the adult vagina: a clinicopathologic study. Peters WA 3d, et al. **Obstet Gynecol** 1985 May; 65(5):699-704

Cutaneous adnexal tumors and cysts: a review. Part I. Tumors with hair follicular and sebaceous glandular differentiation and cysts related to different parts of the hair follicle. Massa MC, et al. **Pathol Annu** 1985;20 Pt 2:189-233 (56 ref.)

Staging of musculoskeletal neoplasms. Musculoskeletal Tumor Society. **Skeletal Radiol** 1985;13(3):183-94

Soft-tissue sarcomas in childhood. A study of 262 cases including 169 cases of rhabdomyosarcoma. Harms D, et al. **Z Kinderchir** 1985 Jun;40(3):140-5

[The relation between soft tissue malignant mesenchymoma and other sarcomas--a case report of malignant mesenchymoma of the tunica vaginalis of the left testis] Dong HJ. **Chung Hua Chung Liu Tsa Chih** 1984 May; 6(3):229-30 (Eng. Abstr.) **(Chi)**

[Sarcoma of the breast--clinico-pathologic analysis of 8 cases] Zhang SQ. **Chung Hua Chung Liu Tsa Chih** 1984 Nov;6(6):432-4 (Eng. Abstr.) **(Chi)**

[Extravisceral soft tissue sarcomas. The need for centralization of diagnosis and treatment assessed on the basis of 261 cases] Sneppen O, et al. **Ugeskr Laeger** 1984 May 14;146(20):1481-5 (Eng. Abstr.) **(Dan)**

[Alveolar sarcoma of soft tissues in the right psoas muscle] Cobo F, et al. **Ann Chir** 1985 Feb;39(1):43-6 (Eng. Abstr.) **(Fre)**

[Primary malignant tumors of the heart. Anatomo-clinical study of 12 cases] Chomette G, et al. **Ann Med Interne (Paris)** 1985;136(4):301-5 (Eng. Abstr.) **(Fre)**

[Primary sarcoma of the middle ear. Apropos of 3 cases] Alvares Cruz N, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(1):47-52 (Eng. Abstr.) **(Fre)**

[Soft tissue clear cell sarcomas. Reevaluation of clear cell sarcomas of the tendons and the aponeuroses in 14 cases] Ben Romdhane K, et al. **Ann Pathol** 1984 Dec;4(5):349-60 (Eng. Abstr.) **(Fre)**

[Stromal sarcoma of the breast. 2 cases] de Roquancourt A, et al. **Arch Anat Cytol Pathol** 1985;33(3):159-64 (Eng. Abstr.) **(Fre)**

[Cytogenic chorionic nodule of the uterus] Frappart L, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(4):449-54 (Eng. Abstr.) **(Fre)**

[Uterine sarcoma. Retrospective analysis of a series of 22 cases] Mage P, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(7):802-7 (Eng. Abstr.) **(Fre)**

[Sarcomatoid carcinoma of the kidney] Golomb J, et al. **J Urol (Paris)** 1984;90(5):341-3 (Eng. Abstr.) **(Fre)**

[27 cases of rare forms of cancer of the corpus uteri] Abbes M, et al. **Rev Fr Gynecol Obstet** 1984 Feb;79(2):97-100 (Eng. Abstr.) **(Fre)**

[Soft tissue clear cell sarcoma. Morphology, differential diagnosis and tumor classification] Katenkamp D, et al. **Zentralbl Allg Pathol** 1984;129(6):521-31 (Eng. Abstr.) **(Ger)**

[Stromal sarcoma of the endometrium. Observations on 9 cases] De Rosa G. **Pathologica** 1984 Sep-Oct; 76(1045):584-97 (Eng. Abstr.) **(Ita)**

[An autopsy case of epithelioid sarcoma in the pelvis] Wakabayashi J, et al. **Gan No Rinsho** 1984 Dec; 30(15):1937-41 (Eng. Abstr.) **(Jpn)**

[Case of epithelioid sarcoma] Egorov VP. **Arkh Patol** 1985; 47(1):75-7 (Eng. Abstr.) **(Rus)**

[Vesical carcinoma, predominantly urothelial, with pseudosarcomatous reaction] Ruiz Alvárez de Cienfuegos F, et al. **Actas Urol Esp** 1984 Jul-Aug;8(4):319-24 (Eng. Abstr.) **(Spa)**

[Tumors of the endometrial stroma] Escudero P, et al. **Rev Chil Obstet Ginecol** 1984;49(3):137-48 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Diastolic fluttering of interventricular septum in left atrial sarcoma. Yoshimura H, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):1050-2

RADIOGRAPHY

Digital subtraction angiography in the evaluation of right heart tumors. Detrano R, et al. **Am Heart J** 1985 Feb; 109(2):366-8

Angiography in soft tissue sarcomas. Lois JF, et al. **Cardiovasc Intervent Radiol** 1984;7(6):309-16

Computed tomography of ilio-psoas muscle tumors. Wechsler RJ, et al. **Comput Radiol** 1984 Jul-Aug; 8(4):229-35

Spindle cell sarcoma mimicking traumatic lung cysts. Thorvinger B, et al. **Eur J Radiol** 1985 May;5(2):152-3

Left-sided large tumour. Hillerdal G. **Eur J Respir Dis** 1984 Nov;65(8):611-2

New observations of soft tissue sarcomas with contrast medium-enhanced computed tomography. Coleman BG, et al. **J Comput Tomogr** 1985 Jul;9(3):187-93

[X-ray diagnosis of malignant meningioma and meningeal sarcoma (an analysis of 23 cases)] Wang X. **Chung Hua Fang She Hsueh Tsa Chih** 1984 Aug;18(3):192-4 (Eng. Abstr.) **(Chi)**

[A retroperitoneal malignant granular myoblastoma] Leenders JH, et al. **Ned Tijdschr Geneeskd** 1984 Nov 24; 128(47):2217-9 (Eng. Abstr.) **(Dut)**

[Xeroradiography in the evaluation of surgical scars and in research on recurrence of sarcomas in soft tissues] Nessi R, et al. **Radiol Med (Torino)** 1984 Mar;70(3):97-102 (Eng. Abstr.) **(Ita)**

RADIONUCLIDE IMAGING

The comparative value of bone scintigraphy and computed tomography in determining bone involvement by soft-tissue sarcomas. Hudson TM, et al. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1400-7

RADIOTHERAPY

Preoperative, intraoperative, and postoperative radiation in the treatment of primary soft tissue sarcoma. Suit HD, et al. **Cancer** 1985 Jun 1;55(11):2659-67

Radiation therapy of soft tissue sarcomas. Tepper JE, et al. **Cancer** 1985 May 1;55(9 Suppl):2273-7

Radiation therapy alone for sarcoma of soft tissue. Tepper JE, et al. **Cancer** 1985 Aug 1;56(3):475-9

Radiotherapy and/or chemotherapy as adjuvant treatment of uterine sarcomas. Sorbe B. **Gynecol Oncol** 1985 Mar; 20(3):281-9

Effects of fractionated irradiation of endocrine aspects of testicular function. Shapiro E, et al. **J Clin Oncol** 1985 Sep; 3(9):1232-9

Radiotherapy's role in local sarcoma control and quality of life [letter] Toonkel LM. **J Clin Oncol** 1985 Jul;3(7):1042-3

Intraoperative and external beam irradiation with or without resection: Mayo pilot experience. Gunderson LL, et al. **Mayo Clin Proc** 1984 Oct;59(10):691-9

Radiotherapy as an integrated part of the treatment of soft tissue sarcomas. Abbatucci JS, et al. **Radiother Oncol** 1984 Aug;2(2):115-21

Neutron and neutron-boost irradiation of soft tissue sarcomas: a 4.5 year analysis of 139 patients. Schmitt G, et al. **Radiother Oncol** 1983 Aug;1(1):23-9

[Results of radiotherapeutic treatment of malignant mandibular tumors] Schertel L, et al. **Rontgenpraxis** 1985 Mar;38(3):104-10 **(Ger)**

[Radiotherapy in the combined treatment of malignant tumors of the orbit in children] Tsyplenkov VG, et al. **Med Radiol (Mosk)** 1984 Oct;29(10):31-4 (Eng. Abstr.) **(Rus)**

SECONDARY

Metastatic tumors of the heart detected by two-dimensional echocardiography. Kutalek SP, et al. **Am Heart J** 1985 Feb;109(2):343-9

Surgery for pulmonary metastasis: a 20-year experience. Mountain CF, et al. **Ann Thorac Surg** 1984 Oct;38(4):323-30

Cardiac sarcomas presenting as metastatic disease. Herhusky MJ, et al. **Arch Pathol Lab Med** 1985 Oct;109(10):943-5

Bone metastasizing renal tumor (clear cell sarcoma) of childhood with epithelioid elements. Schmidt D, et al. **Cancer** 1985 Aug 1;56(3):609-13

Bullous change by CT heralding metastatic sarcoma. Sarno

RC, et al. **Comput Radiol** 1985 Mar-Apr;9(2):115-20

Phase II study of elliptinium in metastatic soft tissue sarcoma. Somers R, et al. **Eur J Cancer Clin Oncol** 1985 May; 21(5):591-3

Sarcoma metastatic to the central nervous system parenchyma: a review of the literature. Sarno JB, et al. **Med Pediatr Oncol** 1985;13(5):280-92

Alveolar soft part sarcoma presenting as asymptomatic pulmonary nodules: report of a case with ultrastructural diagnosis. Cordier JF, et al. **Thorax** 1985 Mar;40(3):203-4

SURGERY

Limb-sparing surgery for extremity sarcomas after preoperative intraarterial doxorubicin and radiation therapy. Goodnight JE Jr, et al. **Am J Surg** 1985 Jul; 150(1):109-13

Primary sarcoma of the pulmonary trunk: successful surgical intervention and prolonged survival. Klinke WP, et al. **Clin Cardiol** 1985 Aug;8(8):437-40

Limb-preserving radical surgery for malignant bone tumors. Nilsonne U. **Clin Orthop** 1984 Dec;(191):21-6

Musculoskeletal tumor surgery in Göteborg. Stener B. **Clin Orthop** 1984 Dec;(191):8-20

Perioperative blood transfusions are associated with increased rates of recurrence and decreased survival in patients with high-grade soft-tissue sarcomas of the extremities. Rosenberg SA, et al. **J Clin Oncol** 1985 May;3(5):698-709

Surgical intervention of countless metastatic lung lesions: a case report. Zylstra S, et al. **J Surg Oncol** 1985 Feb; 28(2):151-2

Limb salvage surgery for sarcomas: a good idea receives formal blessing [editorial] Benjamin RS. **JAMA** 1985 Oct 4;254(13):1795-6

Limb-sparing treatment of adult soft-tissue sarcomas and osteosarcomas. National Institutes of Health Consensus Development Conference Statement. **Nat Inst Health Consensus Dev Conf Consensus Statement** 1985;5(6):18 p.

Sarcomas of the uterine corpus: prognostic factors and treatment. Shimm DS, et al. **Radiother Oncol** 1984 Oct; 2(3):201-7

Limitations of computed tomography following excisional biopsy of soft tissue sarcomas. Hudson TM, et al. **Skeletal Radiol** 1985;13(1):49-54

The Tikhoff-Linberg procedure: report of ten patients and presentation of a modified technique for tumors of the proximal humerus. Malawer MM, et al. **Surgery** 1985 May; 97(5):518-28

[Surgical treatment of soft tissue sarcoma of the anterior abdominal wall] Li GH. **Chung Hua Wai Ko Tsa Chih** 1984 Nov;22(11):676, 702 (Eng. Abstr.) **(Chi)**

[Vesicoprostatic sarcomas] Colombeau P, et al. **Ann Urol (Paris)** 1984 May;18(3):200-3 (Eng. Abstr.) **(Fre)**

[Purely mesenchymal homologous uterus sarcomas (leiomyosarcomas and endometrial stroma sarcomas) at the Zurich University Gynecologic Hospital] Bronz L, et al. **Geburtshilfe Frauenheilkd** 1985 May;45(5):288-93 (Eng. Abstr.) **(Ger)**

[Primary retroperitoneal sarcomas] Aricò A, et al. **Minerva Chir** 1984 Dec 15-31;39(23-24):1679-88 (Eng. Abstr.) **(Ita)**

[Evaluation of organ-sparing surgery in cancer of the thyroid gland] Parakhoniak VI, et al. **Khirurgiia (Mosk)** 1985 Mar; (3):9-13 (Eng. Abstr.) **(Rus)**

[Sarcoma of the breast] Akhundova MD. **Vestn Khir** 1984 Sep;133(9):50-2 (Eng. Abstr.) **(Rus)**

THERAPY

Primary retroperitoneal sarcomas. A review of 36 cases. Wist E, et al. **Acta Radiol [Oncol]** 1985 Jul-Aug;24(4):305-10

Combined modality management of local and disseminated adult soft tissue sarcomas: a review of 257 cases seen over 10 years at the Christie Hospital & Holt Radium Institute, Manchester. Bramwell VH, et al. **Br J Cancer** 1985 Mar; 51(3):301-18

The management of soft tissue sarcomas. Brennan MF. **Br J Surg** 1984 Dec;71(12):964-7

Advances in the treatment of sarcomas of the extremity. Current status of limb salvage. Eilber FR, et al. **Cancer** 1984 Dec 1;54(11 Suppl):2695-701 (52 ref.)

Treatment of primary undifferentiated sarcoma of the liver with surgery and chemotherapy. Harris MB, et al. **Cancer** 1984 Dec 15;54(12):2859-62

Soft tissue sarcomas of the extremity. Is prognosis related to local environment? Thompson RC Jr, et al. **Cancer** 1984 Oct 15;54(8):1726-30

Consensus development summaries. Limb-sparing treatment of adult soft-tissue sarcomas and osteosarcomas. National Institutes of Health. **Conn Med** 1985 Aug;49(8):517-21

Five-year survival following combination radiotherapy and chemotherapy for recurrent mixed mesodermal sarcoma of the ovary. Carlson JA Jr, et al. **Gynecol Oncol** 1985 Sep;22(1):129-32

Randomized study of systemic chemotherapy following complete excision of nonosseous sarcomas. Edmonson JH, et al. **J Clin Oncol** 1984 Dec;2(12):1390-6

Consensus Conference. Limb-sparing treatment of adult soft-tissue sarcomas and osteosarcomas. **JAMA** 1985 Oct 4;254(13):1791-4

Soft tissue sarcomas in childhood. Miser JS, et al. **Pediatr Clin North Am** 1985 Jun;32(3):779-800 (165 ref.)

Results of multimodality therapy of resectable soft-tissue sarcomas of the retroperitoneum. Glenn J, et al. **Surgery** 1985 Mar;97(3):316-25

[Primary mediastinal sarcoma--report of 8 cases] Xu LT, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Feb;6(1):54-5 (Eng. Abstr.) **(Chi)**

[Comprehensive therapy of soft tissue sarcoma] Kofránek I. **Acta Chir Orthop Traumatol Cech** 1985 Jun;52(3):261-6 (Eng. Abstr.) **(Cze)**

[Treatment of five cases of bladder sarcoma] Uekado Y, et al. **Hinyokika Kiyo** 1984 Aug;30(8):1085-93 (Eng. Abstr.) **(Jpn)**

ULTRASTRUCTURE

Granular cell tumour in the third ventricle. Case report with histological, electron-microscopic, immunohistochemical and necropsy findings. Hori A, et al. **Acta Neurochir (Wien)** 1985;74(1-2):49-52

Clear cell sarcoma of the kidney with emphasis on ultrastructural studies. Haas JE, et al. **Cancer** 1984 Dec 15;54(12):2978-87

Cutaneous postirradiation sarcoma. Ultrastructural evidence of pluripotential mesenchymal cell derivation. Seo IS, et al. **Cancer** 1985 Aug 15;56(4):761-7

A comparative ultrastructural study of chondrosarcoma, chordoid sarcoma, chordoma and chordoma periphericum. Povýšil C, et al. **Pathol Res Pract** 1985 Mar;179(4-5):546-59

Spherical bodies. Nesland JM, et al. **Ultrastruct Pathol** 1984; 7(1):73-8

[Pigment-free clear-cell sarcoma] Katenkamp D, et al. **Arkh Patol** 1985;47(1):63-9 (Eng. Abstr.) **(Rus)**

SARCOMA 37 see under **SARCOMA, EXPERIMENTAL**

SARCOMA 180

ANALYSIS

Biological and biophysical properties of the tumor-localizing component of hematoporphyrin derivative. Kessel D, et al. **Cancer Res** 1985 Jul;45(7):3053-7

DRUG THERAPY

Antitumor activity of lentinan in murine syngeneic and autochthonous hosts and its suppressive effect on 3-methylcholanthrene-induced carcinogenesis. Suga T, et al. **Cancer Res** 1984 Nov;44(11):5132-7

Antitumour activity of some platinum compounds. Chakraborty BK, et al. **Chemotherapy** 1985;31(1):55-9

Antitumor activity of a new antibiotic, kazusamycin. Komiyama K, et al. **J Antibiot (Tokyo)** 1985 Feb; 38(2):224-9

Evaluation of PSK, an antitumor protein-bound polysaccharides, by thymocyte electrophoresis. Iwaguchi T, et al. **J Pharmacobiodyn** 1984 Sep;7(9):677-80

[Intracavitary chemotherapy of S 180 ascites sarcoma in mice with 4-(S-ethanol)-sulfido-cyclophosphamide in combination with protector thiols] Voelcker G, et al. **Arzneimittelforsch** 1984;34(10):1291-8 (Eng. Abstr.) **(Ger)**

ENZYMOLOGY

Demonstration of hepatic triglyceride lipase-like activity in ascites fluid of mice with sarcoma 180. Masuno H, et al. **Eur J Cancer Clin Oncol** 1985 Jun;21(6):727-32

Decrease in alkaline triglyceride lipase in primary cultured hepatocytes from mice with sarcoma 180. Masuno H, et al. **Lipids** 1985 Jul;20(7):399-403

IMMUNOLOGY

Effect of a polysaccharide fraction from Grifola frondosa on immune response in mice. Suzuki I, et al. **J Pharmacobiodyn** 1985 Mar;8(3):217-26

Depression of resistance against Salmonella infection in sarcoma 180-bearing mice and its restoration by Salmonella mini-cells. Kurashige S, et al. **Jpn J Exp Med** 1984 Jun; 54(3):91-6

METABOLISM

Nicotinamide methylation. Tissue distribution, developmental and neoplastic changes. Seifert R, et al. **Biochim Biophys Acta** 1984 Sep 28;801(2):259-64

The effect of methotrexate pretreatment on 5-fluorouracil kinetics in sarcoma 180 in vivo. Herrmann R, et al. **Eur J Cancer Clin Oncol** 1985 Jun;21(6):753-8

Biological and biochemical properties of nerve growth factor synthesized by mouse S-180 cells in culture. Kim IS, et al. **Exp Cell Res** 1985 Feb;156(2):391-404

Antitumor lectin-trypsin inhibitor conjugate. Lin JY, et al. **JNCI** 1985 May;74(5):1031-6

Chemical and biochemical determinants of porphyrin localization. Kessel D. **Prog Clin Biol Res** 1984;170:405-18

[Protein of membrane-bound liver ribosomes changing after exposure of an organism to various factors] Berdinskikh NK, et al. **Biokhimiia** 1984 Aug;49(8):1275-80 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Increased translocation of bacteria from the gastrointestinal tracts of tumor-bearing mice. Penn RL, et al. **Infect Immun** 1985 Mar;47(3):793-8

MORTALITY

Chronic inflammation impairs hematopoiesis and survival after irradiation. Degowin RL, et al. **J Lab Clin Med** 1985 Mar;105(3):299-304

PATHOLOGY

Reactivity of lectin from Xenopus laevis eggs towards tumor cells and human erythrocytes. Nitta K, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2325-32

Binding and cytotoxicity of Ricinus communis lectins to HeLa cells, Sarcoma 180 ascites tumor cells and erythrocytes. Oda T, et al. **J Biochem (Tokyo)** 1984 Aug; 96(2):377-84

Potentiation of anticancer agents by new synthetic isoprenoids. II. Inhibition of the growth of transplantable murine tumors. Yamaguchi T, et al. **JNCI** 1984 Oct; 73(4):903-7

Rifampicin-induced chromatid exchanges in Sarcoma-180 mouse ascites cells. Chaudhuri A, et al. **Mutat Res** 1984 Nov-Dec;141(3-4):171-3

Photodynamic effects: porphyrin vs chlorin. Kessel D, et al. **Photochem Photobiol** 1984 Sep;40(3):403-5

[Study on the cell cycle and the synchronization of S180-V cell line. III. The cell synchronization] Kuang JA. **Chung Hua Chung Liu Tsa Chih** 1984 Nov;6(6):401-5 (Eng. Abstr.) **(Chi)**

PHYSIOPATHOLOGY

Non-invasive investigations of the growth kinetics of a solid experimental tumor (sarcoma-180). Henrichs K, et al. **Strahlentherapie** 1985 Jul;161(7):427-32

SURGERY

Experimental studies of anti-tumor effect induced by microwave tumor coagulation. Noguchi H. **Nippon Geka Hokan** 1984 Mar 1;53(2):324-37

[Antirecurrence action of preparations made from Listeria in the surgical removal of sarcoma 180] Kadykova TN, et al. **Eksp Onkol** 1985;7(1):40-2 (Eng. Abstr.) **(Rus)**

THERAPY

[Studies on viral immunotherapy of ascitic tumors in mice. I. Results of treatment with virus on Ehrlich and S180 ascitic tumor cells] Huang ZX, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Jun; 6(3):213-6 (Eng. Abstr.) **(Chi)**

[Antitumor activity of Lactobacillus casei YIT 9018 (LC 9018)--effect of administration route] Yokokura T, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2427-33 (Eng. Abstr.) **(Jpn)**

ULTRASTRUCTURE

Analysis of three whole-arm translocations in a mouse sarcoma cell line. Ghosh S, et al. **Cytogenet Cell Genet** 1984;38(3):161-4

SARCOMA 180, CROCKER see **SARCOMA 180**

SARCOMA, EWING'S

[Maxillary localization of Ewing's sarcoma. Description of a case in a 5-year-old child] Castello MA, et al. **Clin Ter** 1985 Apr 15;113(1):61-5 (Eng. Abstr.) **(Ita)**

ANALYSIS

Neuronal and glial markers in tumours of neuroblastic origin. Carlei F, et al. **Virchows Arch [A]** 1984;404(3):313-24

Osteosarcomas and Ewing's sarcomas. Comparative immunocytochemical investigation of filamentous proteins and cell membrane determinants. Löning T, et al. **Virchows Arch [A]** 1985;407(3):323-36

BLOOD

Plasma concentrations of thromboxane and prostacyclin metabolites in patients with bone tumors. Mehta P, et al. **Am J Pediatr Hematol Oncol** 1985 Spring;7(1):88-91

COMPLICATIONS

Ewing's sarcoma arising in a unicameral bone cyst. Steinberg GG. **J Pediatr Orthop** 1985 Jan-Feb;5(1):97-100

[Association of Ewing's sarcoma with fibrous dysplasia of the tibia. Apropos of a case report] Roth A, et al. **Rev Chir Orthop** 1985;71(2):133-7 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

Ewing's sarcoma: report of a case in the nasopharynx. Reynoso VM, et al. **Ear Nose Throat J** 1984 Sep; 63(9):459-62

Possible differential diagnosis of neuroblastoma from rhabdomyosarcoma and Ewing's sarcoma by using a panel of monoclonal antibodies. Sugimoto T, et al. **Gann** 1985 Apr;76(4):301-7

[Diagnosis and therapy of Ewing's sarcoma] Matéjovský Z, et al. **Cas Lek Cesk** 1985 Apr 19;124(16):491-5 (Eng. Abstr.) **(Cze)**

[Diagnostic difficulties in Ewing's sarcoma] Bernard JL, et al. **Ann Pediatr (Paris)** 1984 Oct 15;31(9):763-70 (Eng. Abstr.) (Fre)

DRUG THERAPY

Multiagent chemotherapy for sarcoma diagnosed during pregnancy. Haerr RW, et al. **Cancer** 1985 Sep 1; 56(5):1028-33

The response to initial chemotherapy as a prognostic factor in localized Ewing's sarcoma. Oberlin O, et al. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):463-7

[The Cooperative Ewing Sarcoma Study CESS 81 of the German Pediatric Oncology Society--analysis after 4 years] Jürgens H, et al. **Klin Padiatr** 1985 May-Jun; 197(3):225-32 (Eng. Abstr.) (Ger)

ETIOLOGY

[Extraskeletal Ewing's sarcoma] Keret D, et al. **Harefuah** 1984 Jun 15;106(12):571-3 (Eng. Abstr.) (Heb)

FAMILIAL & GENETIC

Translocation (11;22) in Ewing's sarcoma. Prieto F, et al. **Cancer Genet Cytogenet** 1985 May;17(1):87-9

Chromosomal abnormalities in secondary Ewing's sarcoma [letter] Tilly H, et al. **Lancet** 1984 Oct 6;2(8406):812

Translocation of oncogene c-sis from chromosome 22 to chromosome 11 in a Ewing sarcoma-derived cell line. van Kessel AG, et al. **Mol Cell Biol** 1985 Feb;5(2):427-9

OCCURRENCE

Human biology and epidemiology of childhood bone cancers: a review. Polednak AP. **Hum Biol** 1985 Feb;57(1):1-26 (98 ref.)

PATHOLOGY

The neuroectodermal tumor of bone. Jaffe R, et al. **Am J Surg Pathol** 1984 Dec;8(12):885-98

Aspiration cytology of Ewing's sarcoma. Light and electron microscopic correlations. Akhtar M, et al. **Cancer** 1985 Oct 15;56(8):2051-60

Local recurrence, rate and sites of metastases, and time to relapse as a function of treatment regimen, size of primary and surgical history in 62 patients presenting with non-metastatic Ewing's sarcoma of the pelvic bones. Evans R, et al. **Int J Radiat Oncol Biol Phys** 1985 Jan;11(1):129-36

Ewing's sarçoma in bones of the hands and feet: a clinicopathologic study and review of the literature. Shirley SK, et al. **J Clin Oncol** 1985 May;3(5):686-97

Small cell tumours in childhood: a review. Variend S. **J Pathol** 1985 Jan;145(1):1-25 (134 ref.)

Ewing's sarcoma presenting as monoarthritis. McGirr EE, et al. **J Rheumatol** 1984 Aug;11(4):534-6

PHYSIOPATHOLOGY

Biologic characteristics of four Ewing's sarcomas. Workman ML, et al. **Cancer Genet Cytogenet** 1985 Feb 15; 15(3-4):215-25

Prognostic significance of serum lactic acid dehydrogenase in Ewing's tumor of bone. Bacci G, et al. **Ric Clin Lab** 1985 Jan-Mar;15(1):89-96

PSYCHOLOGY

A survivor of Ewing's sarcoma. Morse RH. **J La State Med Soc** 1984 Oct;136(10):17-8, 21

RADIOGRAPHY

Radiographic appearance of Ewing sarcoma of the hands and feet: report from the Intergroup Ewing Sarcoma Study. Reinus WR, et al. **AJR** 1985 Feb;144(2):331-6

Roentgenographic-pathologic correlation of diffuse sclerosis in Ewing sarcoma of bone. Shirley SK, et al. **Skeletal Radiol** 1984;12(2):69-78

RADIONUCLIDE IMAGING

Bone scanning in Ewing's sarcoma. Nair N. **J Nucl Med** 1985 Apr;26(4):349-52

RADIOTHERAPY

Optimal scheduling of total body irradiation in the treatment of Ewing's sarcoma [letter] Wheldon TE, et al. **Int J Radiat Oncol Biol Phys** 1985 Aug;11(8):1569-70

SECONDARY

Pancreatic metastases in bone sarcomas: CT demonstration. Rubin E, et al. **J Comput Assist Tomogr** 1985 Sep-Oct; 9(5):886-8

Intradural spinal metastasis in Ewing's sarcoma: case report and review of the literature. Wald SL, et al. **Neurosurgery** 1984 Dec;15(6):873-7

SURGERY

Orthopedic oncology. Sherry HS. **Mt Sinai J Med (NY)** 1985 Mar;52(3):189-90

[Primary Ewing's sarcoma of the basal bone of the cranium] Yi ZC, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Mar; 23(3):164-5, 191 (Eng. Abstr.) (Chi)

THERAPY

Localized Ewing's sarcoma of bone: ten years' experience at the Istituto Ortopedico Rizzoli in 124 cases treated with multimodal therapy. Bacci G, et al. **Eur J Cancer Clin Oncol** 1985 Feb;21(2):163-73

Sequential half-body irradiation (SHBI) and combination chemotherapy as salvage treatment for failed Ewing's sarcoma--a pilot study. Evans RG, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec;10(12):2363-8

Actuarial risk of isolated CNS involvement in Ewing's sarcoma following prophylactic cranial irradiation and intrathecal methotrexate. Trigg ME, et al. **Int J Radiat Oncol Biol Phys** 1985 Apr;11(4):699-702

Fractures of long bones previously treated for Ewing's sarcoma. Springfield DS, et al. **J Bone Joint Surg [Am]** 1985 Mar;67(3):477-81

Advances in the management of malignant bone tumors in children and adolescents. Jaffe N. **Pediatr Clin North Am** 1985 Jun;32(3):801-10 (49 ref.)

[Diagnosis and therapy of Ewing's sarcoma] Matéjovský Z, et al. **Cas Lek Cesk** 1985 Apr 19;124(16):491-5 (Eng. Abstr.) (Cze)

[Bone tumors] Madon E, et al. **Pediatr Med Chir** 1984 Mar-Apr;6(2):201-8 (Eng. Abstr.) (Ita)

ULTRASTRUCTURE

Epithelioid haemangioendothelioma of the bone tissue. Maruyama N, et al. **Virchows Arch [A]** 1985;407(2):159-65

SARCOMA, EXPERIMENTAL

ANALYSIS

Identification of transformation-specific proteins synthesized in cryptovirogenic mammalian cells. Grófová M, et al. **Folia Biol (Praha)** 1985;31(2):152-60

[DNA distribution in transplanted tumors of the rat] Grimm I, et al. **Z Gesamte Hyg** 1985 Jun;31(6):359-62 (Eng. Abstr.) (Ger)

[Fibronectin in cultured mouse sarcoma cells induced by foreign bodies] Liubimov AV, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):339-41 (Eng. Abstr.) (Rus)

BLOOD

[Modification of selected leukocyte functions in albino rats caused by the transplantable Jensen sarcoma and by therapeutic trials of cyclophosphamide and vinblastine, Clostridium butyricum M55 and short-term hyperglycemia] Hambsch K, et al. **Arch Geschwulstforsch** 1984;54(5):369-76 (Eng. Abstr.) (Ger)

[Effect of vinblastine during high activity of the anticoagulating system on the growth of sarcoma 45 in rats and several blood indicators in animals with tumors] Kolomina SM, et al. **Eksp Onkol** 1984;6(5):69-72 (Eng. Abstr.) (Rus)

[Structural and functional state of the erythrocyte membrane in experimental carcinogenesis] Tereshchenko IP, et al. **Eksp Onkol** 1985;7(1):27-30 (Eng. Abstr.) (Rus)

BLOOD SUPPLY

Influence of a prostaglandin synthesis inhibitor and of thrombocytopenia on tumor blood flow and tumor vascular permeability. Experimental studies in the rat. Peterson HI, et al. **Anticancer Res** 1985 May-Jun;5(3):253-7

Murine sarcoma virus-induced brain tumors. Concurrent measurements of blood flow and transcapillary transport. Vriesendorp FJ, et al. **J Neurooncol** 1984;2(4):301-14

[Microangiographic signs of blood vessel rearrangement during tumor growth] Amosov IS, et al. **Arkh Anat Gistol Embriol** 1985 Apr;88(4):48-54 (Eng. Abstr.) (Rus)

CHEMICALLY INDUCED

Induction of sarcomas in rats by subcutaneous injection of 7-methoxy-2-nitro-naphtho[2,1-b]furan (R 7000). Salmon RJ, et al. **Carcinogenesis** 1985 Jan;6(1):109-11

Hormonal induction of uterine sarcomas in GR mice not dependent on mammary tumor virus genes or uterine trauma [letter] Briand P, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):141-2

Methylene chloride: a two-year inhalation toxicity and oncogenicity study in rats and hamsters [letter] Reznik GK. **Fundam Appl Toxicol** 1984 Oct;4(5):883-4

Carcinogenicity of nickel compounds in animals. Sunderman FW Jr. **IARC Sci Publ** 1984;(53):127-42

[Analysis of uterine sarcoma induced in mice in terms of the two-staged development of tumors] Turusov VS, et al. **Eksp Onkol** 1984;6(2):20-3 (Eng. Abstr.) (Rus)

COMPLICATIONS

Hyperlipidemia in tumor-bearing rats. Redgrave TG, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):286-92

DRUG THERAPY

Effects of cefotaxime, clindamycin, mezlocillin, and piperacillin on mouse sarcoma L-1 tumor. Roszkowski K, et al. **Cancer Immunol Immunother** 1984;18(3):164-8

A comparison of efficacy of photoradiation therapy and other conventional treatment modalities on experimental MS-2 sarcoma. Pezzoni G, et al. **Cancer Lett** 1984 Dec; 25(2):209-16

In vivo interaction between radiation and 1-(2-chloroethyl)-3-cyclohexyl-1-nitrosourea in the absence or presence of misonidazole in mice. Siemann DW, et al. **Cancer Res** 1985 Jan;45(1):198-202

N-Methylformamide (NSC 3051): a potential candidate for combination chemotherapy. Langdon SP, et al. **Eur J Cancer Clin Oncol** 1985 Jun;21(6):745-52

Effect of anticancer drugs on renal neoplasm induced with xenotropic pseudotype kirsten murine sarcoma virus. Usui T, et al. **Exp Pathol** 1984;26(3):185-8

Therapeutic effects of PS-K and busulfan on the recurrent and metastatic diseases after the surgical removal of 3-methylcholanthrene-induced autochthonous tumors in C57BL/6 mice. Hosokawa M, et al. **Gann** 1985 Jan; 76(1):61-7

The effect in the KHT sarcoma of CCNU and MISO on cell cycle progression evaluated by flow-cytometry. Hill SA, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep; 10(9):1619-22

Survival in subpopulations of cells derived from solid KHT sarcomas by centrifugal elutriation following treatment with CCNU and MISO. Hill SA, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1615-8

Potentiation of melphalan activity in the KHT sarcoma by the radiosensitizer RSU 1069. Siemann DW, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1657-60

Biochemical aspects of cesium administration in tumor-bearing mice. Messiha FS. **Pharmacol Biochem Behav** 1984;21 Suppl 1:27-30

Effect of homologous tumor DNA on the evolution of SV40-induced hamster sarcoma. Nastac E, et al. **Virologie** 1985 Jan-Mar;36(1):31-6

[Comparison of 2 chemosensitivity tests by grafting a polyoma tumor in the cheek pouch of syngeneic hamsters and under the renal capsule of syngeneic mice] Favre R, et al. **Pathol Biol (Paris)** 1984 Nov;32(9):983-6 (Eng. Abstr.) (Fre)

[Antitumor activity of doxorubicin in the treatment of hemocytoblastosis La and various ascites tumors in mice] Ul'ianova LA, et al. **Antibiotiki** 1984 Nov;29(11):861-6 (Eng. Abstr.) (Rus)

[Immunomodulating effect of cyclophosphamide in experimental chemotherapy of transplanted tumors] Kovbasiuk SA, et al. **Eksp Onkol** 1985;7(2):67-70 (Eng. Abstr.) (Rus)

[Effect of analgesics on the growth and metastasis of sarcoma 37] Beliaev DG, et al. **Vopr Onkol** 1985;31(3):84-8 (Eng. Abstr.) (Rus)

ENZYMOLOGY

Membrane proteinases from normal and neoplastic tissues in man and the rat. Fraser JD, et al. **Comp Biochem Physiol [B]** 1984;79(1):105-11

Cathepsin B-like proteinase as a marker for metastatic tumor cell variants. Köppel P, et al. **Exp Cell Biol** 1984; 52(5):293-9

FAMILIAL & GENETIC

Amplification and enhanced expression of the c-myc oncogene in mouse SEWA tumour cells. Schwab M, et al. **Nature** 1985 May 23-29;315(6017):345-7

IMMUNOLOGY

Adoptive transfer of immunity against solid fibrosarcoma in mice with splenocytes and peritoneal exudate cells obtained after in vitro sensitization and in vivo immunization with cis-dichlorodiamine platinum(II) treated fibrosarcoma cells. Sodhi A, et al. **Arch Geschwulstforsch** 1985; 55(1):47-61

Modification of immunogenic tumor growth by adrenalectomy in a syngeneic murine system. Kaiser CW, et al. **Cancer** 1985 Feb 15;55(4):760-5

Absence of generalized immunosuppression in C57BL/6J mice implanted with Lewis T241 fibrosarcoma or Lewis lung carcinoma. Jones CE, et al. **Cancer Immunol Immunother** 1984;18(2):82-6

The therapeutic significance of concomitant antitumor immunity. II. Passive transfer of concomitant immunity with Ly-1+2- T cells primes established tumors in T cell-deficient recipients for endotoxin-induced regression. North RJ. **Cancer Immunol Immunother** 1984;18(2):75-9

The therapeutic significance of concomitant antitumor immunity. I. LY-1-2+ T cells from mice with a progressive tumor can cause regression of an established tumor in gamma-irradiated recipients. North RJ. **Cancer Immunol Immunother** 1984;18(2):69-74

The roles of two peritoneal T-lymphocyte populations in the in vivo rejection of methylcolanthrene-induced sarcoma. Kadhim SA, et al. **Cell Immunol** 1985 Jan; 90(1):234-41

The tumor disappearance reaction: an in vivo effect of a noncytotoxic lymphokine active against tumor cells. D'Silva H, et al. **Clin Immunol Immunopathol** 1985 Mar; 34(3):326-32

Autoantibody activity against evolutionary conserved juxtanuclearly arranged antigen in mice with tumors induced by a progressor Moloney sarcoma virus transformant. Weiland E, et al. **Exp Cell Biol** 1984; 52(5):300–10

Studies on the mechanism of macrophage cytotoxicity. Zippel D. **Exp Pathol** 1985;27(1):3–15

Isolation of a tumor-associated transplantation antigen (TATA) from an SV40-induced sarcoma. Resemblance to the TATA of chemically induced neoplasms. DuBois GC, et al. **Int J Cancer** 1984 Oct 15;34(4):561–6

Use of covalently bound cord factor analog to increase tumor immunogenicity. Eggers AE, et al. **J Biol Response Mod** 1984 Aug;3(4):413–22

Rapid killing of actinomycin D-treated tumor cells by human monocytes. II. Cytotoxicity is independent of secretion of reactive oxygen intermediates and is suppressed by protease inhibitors. Colotta F, et al. **J Immunol** 1985 May; 134(5):3524–31

Cross-reactive cellular and humoral immunity to carcinogen-induced chicken fibrosarcomas. II. Effect of prior immunization with transplantable tumors on primary tumor incidence. Edelman AS, et al. **J Immunol** 1985 Sep; 135(3):2213–9

Cross-reactive cellular and humoral immunity to carcinogen-induced chicken fibrosarcomas. I. Protective cross-immunity between transplantable tumor lines. Edelman AS, et al. **J Immunol** 1985 Sep;135(3):2206–12

Retrovirus-induced changes in major histocompatibility complex antigen expression influence susceptibility to lysis by cytotoxic T lymphocytes. Flyer DC, et al. **J Immunol** 1985 Oct;135(4):2287–92

The serologic response to Meth A sarcoma vaccines after cyclophosphamide treatment is additionally increased by various adjuvants. Livingston PO, et al. **J Immunol** 1985 Aug;135(2):1505–9

Metastatic capacity of cloned T10 sarcoma cells that differ in H-2 expression: inverse relationship to their immunogenic potency. Katzav S, et al. **JNCI** 1985 Aug; 75(2):307–18

Influence of dendritic cells on tumor growth. Knight SC, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4495–7

The role of antigen-presenting cells in regulating the immune response to tumor antigens. Drebin JA, et al. **Transplant Proc** 1984 Oct;16(5):1377–9

Cytotoxic immune response of puppies to feline sarcoma virus induced tumors. Suter MM, et al. **Vet Immunol Immunopathol** 1984 Sep;7(2):131–8

[Specific cytotoxic activity of a virus-induced murine lymphoma] Martin MT, et al. **C R Soc Biol (Paris)** 1985; 179(1):137–41 (Eng. Abstr.) **(Fre)**

[Transplantation immunity to a UV-induced murine sarcoma by injection of a glycoprotein fraction from the tumor] Pasternak L, et al. **Arch Geschwulstforsch** 1985;55(1):17–21 (Eng. Abstr.) **(Ger)**

[Antitumor effect of OK-432 (3)––mechanisms of tumor growth inhibition by OK-432 induced activated macrophages] Nanjo M, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):887–93 (Eng. Abstr.) **(Jpn)**

[Immunity to embryonal stage-specific antigens in viral carcinogenesis] Ageenko AI, et al. **Eksp Onkol** 1985; 7(2):38–9 (Eng. Abstr.) **(Rus)**

[Immunological characteristics of a modifying effect of bacterial endotoxins on the growth of experimental tumors] Sakhno LA, et al. **Eksp Onkol** 1984;6(1):49–53 (Eng. Abstr.) **(Rus)**

METABOLISM

Heterogeneity of collagen isolated from methylcholanthrene-induced sarcoma. Sobolewski K, et al. **Acta Biochim Pol** 1984;31(3):317–28

Loss of epidermal growth factor receptors and release of transforming growth factors do not correlate with sarcoma virus-transformation in clonally-related NIH/3T3-derived cell lines. Brown KD, et al. **Biochem J** 1985 Jul 1; 229(1):119–25

Method for the determination of oxygen consumption rates and diffusion coefficients in multicellular spheroids. Mueller-Klieser W. **Biophys J** 1984 Sep;46(3):343–8

Tumor uptake of vincristine during close arterial vs systemic constant-rate infusion: experiments on sarcoma transplants in the rat kidney. Tvete ST, et al. **Eur J Cancer Clin Oncol** 1984 Nov;20(11):1433–9

Placenta, embryo, and tumor uptake of 67Ga-citrate and 59Fe-citrate. Anghileri LJ, et al. **Eur J Nucl Med** 1985; 10(5–6):288–9

In vitro uptake of gallium and chlorpromazine by mouse tumour cells. Roberts KR, et al. **Eur J Nucl Med** 1985; 10(7–8):366–8

Altered binding properties of beta-adrenergic receptors and lack of coupling to adenylate cyclase in P815 mastocytoma cells. Durieu-Trautmann O, et al. **Eur J Pharmacol** 1985 Jan 22;108(2):133–41

A comparison of the effects of the optical isomers of isoproterenol on energy metabolism in a mouse sarcoma. Jones GR, et al. **Experientia** 1985 Aug 15;41(8):1045–6

Glucose turnover in adult non-growing tumour-bearing mice. Edström S, et al. **Int J Biochem** 1985;17(5):649–52

In vivo metabolic effects of hyperglycemia in murine radiation-induced fibrosarcoma: a 31P NMR investigation. Evelhoch JL, et al. **Proc Natl Acad Sci USA** 1984 Oct; 81(20):6496–500

Protein synthesis in the tumor-influenced hepatocyte. Warren RS, et al. **Surgery** 1985 Aug;98(2):275–82

[Changes in selected parameters of carbohydrate metabolism during short term hyperglycemia therapy in Jensen's sarcoma] Hoffmann FA, et al. **Arch Geschwulstforsch** 1985; 55(1):23–30 (Eng. Abstr.) **(Ger)**

[Intensification of tumor acidification in artificial hyperglycemia using inorganic phosphate] Osinski SP, et al. **Arch Geschwulstforsch** 1984;54(6):463–9 (Eng. Abstr.) **(Ger)**

[Development of fluoropyrimidine derivatives] Fujii S, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2316–28 (Eng. Abstr.) **(Jpn)**

[Effect of phosphemide in combination with dexamethasone on DNA structure in sarcoma 45] Babaian IuS, et al. **Biofizika** 1985 May-Jun;30(3):414–7 (Eng. Abstr.) **(Rus)**

[Repair of the nucleoid of sarcoma 37 cells in vitro or in vivo. The effect of HEPES buffer] Synzynys BI, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):641–2 (Eng. Abstr.) **(Rus)**

[Changes in the structure of DNA induced by sarcolysine in vivo and in vitro] Babaian IuC, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):92–5 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Tumor-bearing depresses distant mast-cell-mediated mitogenesis. Norrby K. **Acta Pathol Microbiol Immunol Scand** [A] 1984 Nov; 92(6):395–400

The shedding of viable cells into the local lymph by tumours growing in the gut of rats. Gyure LA, et al. **Br J Cancer** 1985 Mar;51(3):379–82

The cytostatic activity of cultured Kupffer cells. Pulford K, et al. **Br J Cancer** 1985 Jan;51(1):31–6

The response of tumour cells to radiation and cytotoxic drugs––a comparison of clonogenic and isotope uptake assays. Twentyman PR, et al. **Br J Cancer** 1984 Nov; 50(5):625–31

In situ radiation response and oxygen enhancement ratio of KHT sarcoma cells in various phases of the cell cycle. Siemann DW, et al. **Br J Radiol** 1984 Sep;57(682):823–7

Leech salivary gland extract from Haementeria officinalis, a potent inhibitor of cyclophosphamide- and radiation-induced artificial metastasis enhancement. Gasic GJ, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5670–6

Carbohydrate-binding proteins of tumor lines with different growth properties. I. Differences in their pattern for three clones of rat fibroblasts transformed with a myeloproliferative sarcoma virus. Gabius HJ, et al. **Cell Tissue Res** 1985;241(1):9–15

Vulnerability to stress-induced tumor growth increases with age in rats: role of glucocorticoids. Sapolsky RM, et al. **Endocrinology** 1985 Aug;117(2):662–6

On the carcinogenicity of aniline [letter] Wilmer JL. **Environ Mutagen** 1984;6(5):629–32

Morphological aspects of mesotheliomas after intratracheal instillations of fibrous dusts in Syrian golden hamsters. Mohr U, et al. **Exp Pathol** 1984;26(3):179–83

Enhanced granulopoiesis in mice transplanted with colony-stimulating factor-producing BMA1 tumor. Miyanomae T, et al. **Gann** 1985 May;76(5):352–8

Studies of the invasiveness of the chemically induced mouse sarcoma FS9. I. Monoclonal antibodies to a 37,000 dalton membrane glycoprotein inhibit invasion of fibroblasts in vitro. Steinemann C, et al. **Int J Cancer** 1984 Sep 15; 34(3):407–14

Flat revertants derived from Kirsten murine sarcoma virus-transformed cells produce transforming growth factors. Salomon DS, et al. **J Cell Physiol** 1984 Oct; 121(1):22–30

Immunohistochemical study of glial fibrillary acidic protein in avian sarcoma virus-induced gliomas in dogs. Britt RH, et al. **J Neurooncol** 1985;3(1):53–9

Canine transmissible venereal sarcoma: quantitation of T-lymphocyte subpopulations during progressive growth and spontaneous tumor regression. Trail PA, et al. **JNCI** 1985 Feb;74(2):461–7

Abrogation of metastatic properties of tumour cells by de novo expression of H-2K antigens following H-2 gene transfection. Wallich R, et al. **Nature** 1985 May 23–29; 315(6017):301–5

[Morphological studies on Jensen sarcoma in the rat under artificial short-term hyperglycemia] Hoffmann FA, et al. **Arch Geschwulstforsch** 1984;54(6):471–4 (Eng. Abstr.) **(Ger)**

[In vitro cytotoxicity of methotrexate] Maehara S. **Nippon Seikeigeka Gakkai Zasshi** 1984 Jul;58(7):677–84 (Eng. Abstr.) **(Jpn)**

[Independence from the substrate of multiplication in nonclonal and clonal tumor cell populations] Brodskaia RM, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):342–4 (Eng. Abstr.) **(Rus)**

[Effect of anesthesia on a neoplastic process in an experiment] Frid IA, et al. **Eksp Onkol** 1984;6(3):57–60 (Eng. Abstr.) **(Rus)**

[Stimulation of grafting of a minimal number of tumor cells after their transplantation into the subcutaneous 'air pouch'] Vasil'ev IuM, et al. **Eksp Onkol** 1985;7(2):36–7 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Temperature-dependent transmembrane potential changes in cells infected with a temperature-sensitive Moloney sarcoma virus. Lai CN, et al. **J Cell Physiol** 1984 Oct; 121(1):139–42

Electrical resistivity of a tumor. Goodrich JD, et al. **Oncology** 1985;42(5):338–9

[Functional state of the thyroid and its regulatory system in tumor-bearing animals] Bordiushkov IuN, et al. **Eksp Onkol** 1984;6(4):57–9 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Inhibition of radiation carcinogenesis in mice by S-2-(3-aminopropylamino)-ethylphosphorothioic acid. Milas L, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5567–9

RADIONUCLIDE IMAGING

Relative tumour enhancement of 67Ga uptake by desferrioxamine. Hammersley PA. **Eur J Nucl Med** 1984; 9(10):461–71

Uptake of gallium-67 citrate and [2-3H]deoxyglucose in the tumor model, following chemotherapy and radiotherapy. Iosilevsky G, et al. **J Nucl Med** 1985 Mar;26(3):278–82

RADIOTHERAPY

Comparison of tumour age response to radiation for cells derived from tissue culture or solid tumours. Keng PC, et al. **Br J Cancer** 1984 Oct;50(4):519–26

Do prostaglandins affect cellular radiosensitivity in vitro? Millar BC, et al. **Int J Radiat Biol** 1984 Oct;46(4):367–73

Iodine-125 interstitial irradiation of virally induced dog brain tumours. Ostertag CB, et al. **Neurol Res** 1984 Dec; 6(4):176–80

Re: Tumor cure studies on the rat sarcoma BA1112 using continuous low-dose-rate radiation [letter] Moore JV. **Radiology** 1985 Jun;155(3):837–8

[Relative biological effectiveness of the therapeutic proton beams at NIRS and Tsukuba University] Ando K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Mar 25; 45(3):531–5 (Eng. Abstr.) **(Jpn)**

[Radiosensitizing of experimental animal tumors using inhibitors of repair] Gotlib VIa, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):25–9 **(Rus)**

[Hyperglycemia and ultrasound in radiotherapy of experimental tumors (preliminary communication)] Muratkhodzhaev NK, et al. **Med Radiol (Mosk)** 1984 Dec; 29(12):81–2 **(Rus)**

[Combined use of metronidazole and short-term hyperglycemia during radiation therapy of tumors in rats] Vepkhvadze NR, et al. **Radiobiologiia** 1985 May-Jun; 25(3):333–7 (Eng. Abstr.) **(Rus)**

SECONDARY

Therapeutic efficacy of glucan in a murine model of hepatic metastatic disease. Williams DL, et al. **Hepatology** 1985 Mar-Apr;5(2):198–206

Proteolytic enzymes in tumor metastasis. I. Plasminogen activator in clones of Lewis lung carcinoma and T10 sarcoma. Eisenbach L, et al. **JNCI** 1985 Jan;74(1):77–85

Proteolytic enzymes in tumor metastasis. II. Collagenase type IV activity in subcellular fractions of cloned tumor cell populations. Eisenbach L, et al. **JNCI** 1985 Jan;74(1):87–93

SURGERY

Retardation of postsurgical metastases with the use of extracted tumor-specific transplantation antigens and cyclophosphamide. Nomi S, et al. **JNCI** 1984 Oct; 73(4):943–50

[Experimental studies of the incidence of metastases following the microwave coagulation therapy for malignant tumor] Yamaue H, et al. **Nippon Geka Hokan** 1984 Sep 1;53(5):662–6 (Eng. Abstr.) **(Jpn)**

THERAPY

Immunotherapy of tumor-bearing mice with chemically modified tumor membrane fractions of two syngeneic tumor cell lines. Staab HJ, et al. **Cancer Detect Prev** 1984; 7(4):279–88

Muramyl dipeptide is a powerful potentiator of the antitumor action of various tumor-necrotizing agents. Bloksma N, et al. **Cancer Immunol Immunother** 1984;17(3):154–9

Tumour inhibitory effects of TCGF/IL-2/-containing preparations. Bubeník J, et al. **Cancer Immunol Immunother** 1985;19(1):57–61

Enhanced thermal response of a rat sarcoma by Corynebacterium parvum. Shah SA. **Cancer Lett** 1985 Mar; 26(2):235–40

Factors affecting passive monoclonal antibody therapy of Moloney sarcoma in BALB/c mice. Kennel SJ, et al. **Cancer Res** 1985 Aug;45(8):3782–9

Adoptive immunotherapy of newly induced murine sarcomas. Shu SY, et al. **Cancer Res** 1985 Apr; 45(4):1657–62

Strain differences in the antitumor activity of an immunopotentiator, Nocardia rubra cell-wall skeleton, in B10 congenic and recombinant mice. Haraguchi S, et al. **Gann** 1985 May;76(5):400–13

Distribution of tumor-sensitized cells during the induction of permanent tumor regression by chemoimmunotherapy: the use of glucose phosphate isomerase as a marker. Evans R, et al. **Int J Cancer** 1984 Oct 15;34(4):575–80

The influence of pre-treatment temperature on the thermal sensitivity of a mouse tumour. Joiner MC, et al.

Int J Radiat Biol 1985 Aug;48(2):235-50

Enhanced tumor responses through therapies combining CCNU, MISO and radiation. Siemann DW, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1623-6

The immunological basis of tumor rejection: the absolute dependence of the effector arm on sensitized T cells after chemoimmunotherapy of a murine sarcoma. Evans R, et al. **J Immunol** 1985 Jun;134(6):4255-60

Lymphokine-activated tumor inhibition in vivo. I. The local administration of interleukin 2 triggers nonreactive lymphocytes from tumor-bearing mice to inhibit tumor growth. Forni G, et al. **J Immunol** 1985 Feb;134(2):1305-11

The anti-tumor efficacy of lymphokine-activated killer cells and recombinant interleukin 2 in vivo. Mulé JJ, et al. **J Immunol** 1985 Jul;135(1):646-52

Adoptive immunotherapy of a newly induced sarcoma: immunologic characteristics of effector cells. Shu S, et al. **J Immunol** 1985 Oct;135(4):2895-903

Retardation of postsurgical metastases with the use of extracted tumor-specific transplantation antigens and cyclophosphamide. Nomi S, et al. **JNCI** 1984 Oct; 73(4):943-50

Curative intravenous adoptive immunotherapy of Meth A murine sarcoma. A histologic and immunohistochemical assessment. Reichert CM, et al. **Lab Invest** 1985 Mar; 52(3):304-13

Comparison of antitumor activity of Lactobacillus casei with other bacterial immunopotentiators. Yasutake N, et al. **Med Microbiol Immunol (Berl)** 1984;173(3):113-25

Immunotherapy of cancer with lymphokine-activated killer cells and recombinant interleukin-2. Rosenberg SA, et al. **Surgery** 1985 Sep;98(3):437-44

[Antitumor effect of human recombinant interferon-alpha A/D in mice(I): Comparison between systemic and lesional treatment of meth-A sarcoma in BALB/c mice] Nanjo M, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 1):505-9 (Eng. Abstr.) **(Jpn)**

[Antitumor activity of recombinant human tumor necrosis factor (TNF)] Somura K, et al. **Gan To Kagaku Ryoho** 1985 Jan;12(1):160-2 **(Jpn)**

[The immunotherapeutic effect of partially purified tumor specific transplantation antigen against pulmonary metastasis] Inaba S, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Dec 20;19(10):2273-8 (Eng. Abstr.) **(Jpn)**

[Antitumor activity of ribonucleases] Kurinenko BM. **Eksp Onkol** 1985;7(2):3-8 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Properties and functions of a nucleolus-specific phosphoprotein of mouse ascites sarcoma cells. Kawashima K, et al. **Cell Struct Funct** 1984 Sep;9(3):291-304

[Light optical and electron microscopic studies of the tumor cells in rats exposed to vinblastine against a background of increased activity of the anticoagulating system] Kolomina SM, et al. **Eksp Onkol** 1985;7(1):60-4 (Eng. Abstr.) **(Rus)**

SARCOMA, GERMINOBLASTIC see **LYMPHOMA**

SARCOMA, IMMUNOBLASTIC see **LYMPHOMA**

SARCOMA, JENSEN see **SARCOMA, EXPERIMENTAL**

SARCOMA, KAPOSI'S

Kaposi's sarcoma: a review of the classical and epidemic forms. Safai B. **Ann NY Acad Sci** 1984;437:373-82 (71 ref.)

Cancer and AIDS. 19th annual San Francisco Cancer Symposium. San Francisco, Calif., March 2-4, 1984. **Front Radiat Ther Oncol** 1985;19:1-184

Kaposi's sarcoma of the oral cavity. A case report. Winters Z, et al. **S Afr Med J** 1985 Aug 31;68(5):330-1

ANALYSIS

[Kaposi's sarcoma: comparative immunohistochemical study and histogenic significance of endothelial markers] Bendelac A, et al. **Ann Pathol** 1985;5(1):45-52 (Eng. Abstr.) **(Fre)**

BLOOD

Interferon and interferon inactivators in patients with acquired immune deficiency syndrome and Kaposi's sarcoma. A preliminary report. Ikossi-O'Connor MG, et al. **Res Commun Chem Pathol Pharmacol** 1984 Aug; 45(2):271-7

CEREBROSPINAL FLUID

Cytomegalovirus meningoencephalitis in a homosexual man with Kaposi's sarcoma: isolation of CMV from CSF cells. Edwards RH, et al. **Neurology** 1985 Apr;35(4):560-2

CHEMICALLY INDUCED

Kaposi's sarcoma after immunosuppressive therapy for bullous pemphigoid. Scaparro E, et al. **Dermatologica** 1984; 169(3):156-9

Toxicity, immunosuppressive effects and carcinogenic potential of volatile nitrites: possible relationship to Kaposi's sarcoma. Newell GR, et al. **Pharmacotherapy** 1984 Sep-Oct;4(5):284-91

COMPLICATIONS

Autoimmune thrombocytopenic purpura in the course of Kaposi's sarcoma—report of a case. Noah MS, et al. **Am J Hematol** 1985 Mar;18(3):319-23

Kaposi's sarcoma causing pulmonary infiltrates and respiratory failure in the acquired immunodeficiency syndrome. Ognibene FP, et al. **Ann Intern Med** 1985 Apr; 102(4):471-5

Infectious complications of the acquired immune deficiency syndrome. Gold JW, et al. **Ann NY Acad Sci** 1984; 437:383-93

Malignancies in the AIDS patient: natural history, treatment strategies, and preliminary results. Longo DL, et al. **Ann NY Acad Sci** 1984;437:421-30

Alpha interferon therapy of Kaposi's sarcoma in AIDS. Volberding P, et al. **Ann NY Acad Sci** 1984;437:439-46

Problems in the therapy of AIDS-associated malignancies. Wittes RE, et al. **Ann NY Acad Sci** 1984;437:454-60 (35 ref.)

Lymphadenopathic and oropharyngeal Kaposi's sarcoma in a drug addict with acquired immunodeficiency syndrome. Immunological abnormalities in peripheral blood and lymphoid tissue. Facchetti F, et al. **Appl Pathol** 1984; 2(2):103-9

Kaposi's sarcoma and angioimmunoblastic lymphadenopathy. Varsano S, et al. **Cancer** 1984 Oct 15;54(8):1582-5

Spectrum of Kaposi's sarcoma in the epidemic of AIDS. Safai B, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4646s-4648s

Frequency and anatomic distribution of lymphadenopathic Kaposi's sarcoma in the acquired immunodeficiency syndrome: an autopsy series. Moskowitz LB, et al. **Hum Pathol** 1985 May;16(5):447-56

Acquired immunodeficiency syndrome (AIDS) and Kaposi's sarcoma. Martin J. **Int J Dermatol** 1984 Sep;23(7):483-6 (18 ref.)

Coexistence of Kaposi's sarcoma and angioimmunoblastic lymphadenopathy. Friedman-Birnbaum R, et al. **J Dermatol Surg Oncol** 1985 Jan;11(1):76-9

Basement membrane and connective tissue proteins in early lesions of Kaposi's sarcoma associated with AIDS. Kramer RH, et al. **J Invest Dermatol** 1985 Jun;84(6):516-20

Acquired immunodeficiency syndrome and Kaposi's sarcoma. Muhlemann MF, et al. **J R Soc Med** 1985 Feb; 78(2):158-9

AIDS, Kaposi's sarcoma and the dermatologist [editorial] Smith NP. **J R Soc Med** 1985 Feb;78(2):97-9

Effects of suramin on HTLV-III/LAV infection presenting as Kaposi's sarcoma or AIDS-related complex: clinical pharmacology and suppression of virus replication in vivo. Broder S, et al. **Lancet** 1985 Sep 21;2(8456):627-30

Kaposi's sarcoma in the acquired immune deficiency syndrome. Leslie W, et al. **Med Pediatr Oncol** 1984; 12(5):336-42

Kaposi's sarcoma and the diagnosis of acquired immunodeficiency syndrome. Case report and brief review. Kielhofner MA, et al. **Mo Med** 1984 Oct;81(10):662-6

Spontaneously healing Kaposi's sarcoma in AIDS [letter] Janier M, et al. **N Engl J Med** 1985 Jun 20;312(25):1638-9

Cerebral toxoplasmosis in acquired immuno deficiency syndrome. A comparative assisted tomographic and neuropathological study of a case. Gaston A, et al. **Neuroradiology** 1985;27(1):83-6

Pharyngeal obstruction by Kaposi's sarcoma in a homosexual male with acquired immune deficiency syndrome. Patow CA, et al. **Otolaryngol Head Neck Surg** 1984 Dec; 92(6):713-6

Acquired immunodeficiency syndrome (AIDS). Masur H. **Prog Clin Biol Res** 1985;182:271-6

[Kaposi's sarcoma and opportunistic infection in an African] Perroud AM, et al. **Ann Dermatol Venereol** 1984; 111(8):743-4 **(Fre)**

[Maxillofacial manifestations of acquired immunodeficiency syndrome] Goudot P, et al. **Rev Stomatol Chir Maxillofac** 1985;86(1):3-8 (Eng. Abstr.) **(Fre)**

[Specific gastrointestinal manifestations of a generalized cytomegalovirus infection in a patient with acquired immune deficiency syndrome] Krämer A, et al. **Dtsch Med Wochenschr** 1985 Mar 22;110(12):462-8 (Eng. Abstr.) **(Ger)**

[Kaposi's sarcoma of the skin and its relation to AIDS] Meigel W, et al. **Off Gesundheitswes** 1984 Oct; 46(10):519-21 **(Ger)**

[Kaposi's sarcoma and multiple myeloma] Yuzuk S, et al. **Harefuah** 1984 Jun 15;106(12):573-4 **(Heb)**

[Kaposi's sarcoma: on its frequent association with lymphoreticular neoplasms and diabetes mellitus] Caprio B, et al. **Minerva Med** 1985 Jun 16;76(25):1227-32 (Eng. Abstr.) **(Ita)**

[Acquired immunodeficiency syndrome in a drug addict with Kaposi's sarcoma and chronic hepatitis B (letter)] García Díez A, et al. **Med Clin (Barc)** 1984 Oct 20;83(12):518 **(Spa)**

DIAGNOSIS

The Klippel-Trenaunay syndrome with acro-angiodermatitis (pseudo-Kaposi's sarcoma). Kofoed ML, et al. **Acta Derm Venereol (Stockh)** 1985;65(1):75-7

Endoscopic findings in a case of Kaposi's sarcoma with involvement of the large and small bowel. Ell C, et al. **Endoscopy** 1985 Jul;17(4):161-4

Kaposi's sarcoma: gastrointestinal manifestations. Altman DF. **Front Radiat Ther Oncol** 1985;19:123-5

Kaposi's sarcoma of the bowel--presenting as apparent ulcerative colitis. Weber JN, et al. **Gut** 1985 Mar; 26(3):295-300

Recurring Kaposi's sarcoma of the foot. A case report. Richter PA, et al. **J Am Podiatr Med Assoc** 1985 Mar; 75(3):162-5

HTLV-III serology distinguishes atypical and endemic Kaposi's sarcoma in Africa. Bayley AC, et al. **Lancet** 1985 Feb 16;1(8425):359-61

Kaposi's sarcoma of the foot: case report and review. Richter PA, et al. **Milit Med** 1984 Nov;149(11):631-4

Kaposi's sarcoma presenting as homogeneous pulmonary infiltrates in a patient with acquired immunodeficiency syndrome. Rucker L, et al. **West J Med** 1985 Jun; 142(6):831-3

[Clinical aspects of Kaposi's disease] Basset A. **Bull Soc Pathol Exot Filiales** 1984;77(4 Pt 2):529-32 (Eng. Abstr.) **(Fre)**

[Kaposi's sarcoma] Clay A. **LARC Med** 1984 Oct;4(8):489-90, 493-4 **(Fre)**

[Kaposi-like acroangiodermatitis (pseudokaposi)] Rüdlinger R. **Hautarzt** 1985 Feb;36(2):65-8 (Eng. Abstr.) **(Ger)**

[Kaposi's sarcoma] Hayasaka K, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1749-54 (Eng. Abstr.) **(Jpn)**

[Kaposi's sarcoma] Zabel J, et al. **Przegl Dermatol** 1984 Mar-Apr;71(2):141-4 (Eng. Abstr.) **(Pol)**

[Symptomatology, clinical forms and variants of Kaposi's sarcoma] Kalamkarian AA, et al. **Vestn Dermatol Venerol** 1984 Nov;(11):4-7 (Eng. Abstr.) **(Rus)**

[Disseminated Kaposi's sarcoma associated with cytomegalic infection and systemic candidiasis in a male homosexual patient (acquired immunodeficiency syndrome)] Simó-Camps E. **Med Clin (Barc)** 1984 Dec 8;83(19):807-11 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Dapsone in the treatment of Kaposi's sarcoma. Poulsen A, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):561-3

Cytotoxic chemotherapy in Kaposi's sarcoma. Armentrout SA. **Adv Exp Med Biol** 1985;187:159-62

Treatment of Kaposi's sarcoma and thrombocytopenia with vincristine in patients with the acquired immunodeficiency syndrome. Mintzer DM, et al. **Ann Intern Med** 1985 Feb; 102(2):200-2

Vincristine and Kaposi's sarcoma in the acquired immunodeficiency syndrome [letter] Rieber E, et al. **Ann Intern Med** 1984 Dec;101(6):876

Vinblastine therapy for Kaposi's sarcoma in the acquired immunodeficiency syndrome. Volberding PA, et al. **Ann Intern Med** 1985 Sep;103(3):335-8

The natural history and treatment of epidemic Kaposi's sarcoma. Krigel RL. **Ann NY Acad Sci** 1984;437:447-53

Recombinant leukocyte A interferon in Kaposi's sarcoma. Krown SE, et al. **Ann NY Acad Sci** 1984;437:431-8

Alpha interferon therapy of Kaposi's sarcoma in AIDS. Volberding P, et al. **Ann NY Acad Sci** 1984;437:439-46

Oral vinzolidine as therapy for Kaposi's sarcoma and carcinomas of lung, breast, and colon/rectum. Sarna G, et al. **Cancer Chemother Pharmacol** 1985;14(1):12-4

Intralesional chemotherapy for Kaposi's sarcoma. Brambilla L, et al. **Dermatologica** 1984;169(3):150-5

Treatment of epidemic Kaposi's sarcoma with etoposide or a combination of doxorubicin, bleomycin, and vinblastine. Laubenstein LJ, et al. **J Clin Oncol** 1984 Oct;2(10):1115-20

Dapsone for AIDS-associated Kaposi's sarcoma [letter] Hruza GJ, et al. **Lancet** 1985 Mar 16;1(8429):642

Failure (and danger) of mitozantrone in AIDS-related Kaposi's sarcoma [letter] Kaplan L, et al. **Lancet** 1985 Aug 17;2(8451):396

[Problems raised by the treatment of Kaposi's sarcoma in subjects with AIDS] Félix H, et al. **Bull Soc Pathol Exot Filiales** 1984;77(4 Pt 2):592-8 (Eng. Abstr.) **(Fre)**

EMBRYOLOGY

The histogenesis of Kaposi's sarcoma. Dorfman RF. **Lymphology** 1984 Sep;17(3):76-7

ETIOLOGY

Multicentric angiofollicular lymph node hyperplasia (Castleman's disease) followed by Kaposi's sarcoma in two homosexual males with the acquired immunodeficiency syndrome (AIDS). Lachant NA, et al. **Am J Clin Pathol** 1985 Jan;83(1):27-33

Evidence for the origin of Kaposi's sarcoma from lymphatic endothelium. Beckstead JH, et al. **Am J Pathol** 1985 May; 119(2):294-300

Malignant lymphoma presenting as Kaposi's sarcoma in a homosexual man with the acquired immunodeficiency syndrome. Lind SE, et al. **Ann Intern Med** 1985 Mar; 102(3):338-40

Pseudo-Kaposi's sarcoma of the hand associated with an acquired, iatrogenic arteriovenous fistula. Goldblum OM, et al. **Arch Dermatol** 1985 Aug;121(8):1038-40

Kaposi's sarcoma localized to the site of previous vascular surgery [letter] Schamroth JM, et al. **Arch Dermatol** 1985 Aug;121(8):969-70

Kaposi's sarcoma in heterosexual intravenous drug users. Garrett TJ, et al. **Cancer** 1985 Mar 1;55(5):1146-8

Cancer and acquired immune deficiency syndrome. Meyer JL. **Front Radiat Ther Oncol** 1985;19:172-8 (23 ref.)

Role of cytomegalovirus in Kaposi's sarcoma. Giraldo G, et al. **IARC Sci Publ** 1984;(63):583-606 (60 ref.)

Etiology of endemic Kaposi's sarcoma. Olweny CL. **IARC Sci Publ** 1984;(63):543-8

Thoracic manifestations of the acquired immune deficiency syndrome. Pass HI, et al. **J Thorac Cardiovasc Surg** 1984 Nov;88(5 Pt 1):654-8

Kaposi's sarcoma in Zaire is not associated with HTLV-III infection [letter] Biggar RJ, et al. **N Engl J Med** 1984 Oct 18;311(16):1051-2

Kaposi's sarcoma in transfusion-associated AIDS [letter] Vélez-García E, et al. **N Engl J Med** 1985 Mar 7; 312(10):648

[Anorectal manifestations of sexually transmissible diseases. Kaposi's sarcoma] Libeskind M, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Oct-Nov; 20(5):265-70 (Eng. Abstr.) **(Fre)**

[Kaposi's sarcoma and AIDS] Rozenbaum W. **Bull Soc Pathol Exot Filiales** 1984;77(4 Pt 2):589-91 **(Fre)**

[Disseminated Kaposi-sarcoma within the framework of acquired immunodeficiency syndrome] Mensing H, et al. **Immun Infekt** 1984 Oct;12(5):253-5 (Eng. Abstr.) **(Ger)**

[Kaposi's sarcoma in the light of epidemiologic and immunologic studies] Toruniowa B, et al. **Wiad Lek** 1984 Oct 1;37(19):1537-43 (29 ref.) (Eng. Abstr.) **(Pol)**

[Kaposi's sarcoma in 2 patients after renal transplantation] Gómez Uribe JI, et al. **Med Cutan Iber Lat Am** 1984; 12(3):215-9 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Vascular tumors produced by NIH/3T3 cells transfected with human AIDS Kaposi's sarcoma DNA. Lo SC, et al. **Am J Pathol** 1985 Jan;118(1):7-13

IMMUNOLOGY

Analysis of T cell subsets in different clinical subgroups of patients with the acquired immune deficiency syndrome. Comparison with the 'classic' form of Kaposi's sarcoma. Mittelman A, et al. **Am J Med** 1985 Jun;78(6 Pt 1):951-6

Prevalence, clinical manifestations, and immunology of herpesvirus infections in the acquired immunodeficiency syndrome. Quinnan GV Jr, et al. **Ann NY Acad Sci** 1984; 437:200-6

Homosexual men in London: lymphadenopathy, immune status, and Epstein-Barr virus infection. Weller I, et al. **Ann NY Acad Sci** 1984;437:238-53

Disseminated Kaposi's sarcoma without lymphocyte abnormalities. Ballard HS. **Arch Intern Med** 1985 Mar; 145(3):547

Primary Kaposi's sarcoma of the lung in an immunocompetent 32-year-old heterosexual white man. Antman KH, et al. **Cancer** 1984 Oct 15;54(8):1696-8

The interaction of Kaposi's sarcoma with monoclonal antibodies to human sarcoma and connective tissue differentiation antigens. Bartal AH, et al. **Cancer** 1985 Sep 1;56(5):1071-4

Immunologic and immunogenetic features of primary Kaposi's sarcoma. Marinig C, et al. **Cancer** 1985 May 1; 55(9):1899-901

Immunological characterizations of patients with acquired immune deficiency syndrome, acquired immune deficiency syndrome-related symptom complex, and a related life-style. Hersh EM, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5894-901

AIDS and Kaposi's sarcoma. Conant MA. **Curr Probl Dermatol** 1985;13:92-108

Reduced graft-versus-host reaction of T cells in Kaposi's sarcoma: a possible prognostic indicator. David M, et al. **Dermatologica** 1984;169(2):76-9

Squamous-cell carcinoma, Kaposi's sarcoma and Burkitt's lymphoma are consequences of impaired immune surveillance of ubiquitous viruses in acquired immune deficiency syndrome, allograft recipients and tropical African patients. Purtilo DT, et al. **IARC Sci Publ** 1984; (63):749-70 (53 ref.)

Endemic African Kaposi's sarcoma is not associated with immunodeficiency. Kestens L, et al. **Int J Cancer** 1985 Jul 15;36(1):49-54

Activation of monocyte-mediated tumoricidal activity in patients with acquired immunodeficiency syndrome. Kleinerman ES, et al. **J Clin Oncol** 1985 Jul;3(7):1005-12

An immunohistological study of factor VIII related antigen and Kaposi's sarcoma using polyclonal and monoclonal antibodies. Millard PR, et al. **J Pathol** 1985 May; 146(1):31-8

Histocompatibility antigens HLA-A, -B, -DR in Greek patients with Kaposi's sarcoma. Papasteriades C, et al. **Tissue Antigens** 1984 Nov;24(5):313-5

[Classical Kaposi's disease: immunological study (letter)] Guillot B, et al. **Presse Med** 1985 Apr 13;14(15):845 **(Fre)**

[Cutaneous nodular Kaposi sarcoma following kidney transplantation and immunosuppression] Luderschmidt C, et al. **Klin Wochenschr** 1984 Sep 3;62(17):803-9 (Eng. Abstr.) **(Ger)**

[Clinico-immunological characteristics of Kaposi's disease] Shaposhnikov OK, et al. **Vestn Dermatol Venerol** 1985 Jun; (6):4-6 (Eng. Abstr.) **(Rus)**

METABOLISM

Autofluorescence of eosinophilic globules in Kaposi's sarcoma [letter] Senba M. **Arch Pathol Lab Med** 1985 Aug; 109(8):703

MICROBIOLOGY

What is the role of cytomegalovirus in AIDS? Drew WL, et al. **Ann NY Acad Sci** 1984;437:320-4

Mycoplasma-like structures in a Kaposi's sarcoma not associated with AIDS [letter] Marquart KH, et al. **Eur J Clin Microbiol** 1985 Feb;4(1):73-4

Human T-cell leukemia/lymphoma virus (HTLV I) DNA: detection in Italy in a lymphoma and in a Kaposi sarcoma patient [letter] Manzari V, et al. **Int J Cancer** 1984 Dec 15;34(6):891-2

Retroviruses in Kaposi-sarcoma cells in AIDS [letter] Gyorkey F, et al. **N Engl J Med** 1984 Nov 1;311(18):1183-4

MORTALITY

Patients with Kaposi sarcoma who opt for no treatment [letter] Levy EM, et al. **Lancet** 1985 Jul 27;2(8448):223

OCCURRENCE

Kaposi's sarcoma in Nigeria [letter] Otu AA. **Ann Intern Med** 1985 Jun;102(6):863

Kaposi's sarcoma in Sardinia: an epidemiologic and genetic investigation. Cerimele D, et al. **Ann NY Acad Sci** 1984; 437:216-27

Malignant neoplasms 1971-1983 in Northeastern Zaire, with particular reference to Kaposi's sarcoma and malignant melanoma. Oates K, et al. **Ann Soc Belg Med Trop** 1984; 64(4):373-8

Kaposi's sarcoma. Hutt MS. **Br Med Bull** 1984 Oct; 40(4):355-8 (51 ref.)

Mediterranean Kaposi's sarcoma: preliminary communication about 131 cases. Kaloterakis A, et al. **Bull Soc Pathol Exot Filiales** 1984;77(4 Pt 2):570-1

Cutaneous and lymphadenopathic Kaposi's sarcoma in Africa and the USA with observations on persistent lymphadenopathy in homosexual men at risk for the acquired immunodeficiency syndrome. Dorfman RF. **Front Radiat Ther Oncol** 1985;19:105-16 (61 ref.)

Kaposi's sarcoma in Zaire. Gigase PL, et al. **IARC Sci Publ** 1984;(63):549-57

Cancer of the skin in blacks. IV. A review of nineteen black patients with Kaposi's sarcoma. Mora RG, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):563-7

Kaposi's sarcoma: an opportunistic neoplasm. Friedman-Kien AE. **J Invest Dermatol** 1984 May;82(5):446-8

Prevalence of Kaposi's sarcoma among patients with AIDS [letter] Haverkos HW, et al. **N Engl J Med** 1985 Jun 6; 312(23):1518

[Kaposi's sarcoma in Madagascar. 1954-1982] Coulanges P, et al. **Bull Soc Pathol Exot Filiales** 1984;77(4 Pt 2):566-9 **(Fre)**

[Epidemiology of Kaposi's sarcoma in Africa] Gigase PL. **Bull Soc Pathol Exot Filiales** 1984;77(4 Pt 2):546-59 (Eng. Abstr.) **(Fre)**

[A proposal for an epidemiologic indicator. Apropos of 118 cases of Kaposi's disease] Guelain J, et al. **Bull Soc Pathol Exot Filiales** 1984;77(4 Pt 2):578-88 (Eng. Abstr.) **(Fre)**

[Kaposi's sarcoma in Israel: epidemiologic data, 1960-1980] Landman R, et al. **Bull Soc Pathol Exot Filiales** 1984;77(4 Pt 2):572-6 **(Fre)**

[Kaposi's sarcoma overseas (according to the Overseas Pasteur Institutes] Ravisse P. **Bull Soc Pathol Exot Filiales** 1984;77(4 Pt 2):560-5 **(Fre)**

[Kaposi's angiosarcomatosis in the indigenous population of Algeria] Ysmail-Dahlouk M, et al. **Bull Soc Pathol Exot Filiales** 1984;77(4 Pt 2):577 **(Fre)**

PATHOLOGY

The histomorphology of Kaposi sarcoma in three homosexual men. Thomsen HK, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1985 Jan; 93(1):17-23

Arteriovenous malformation simulating Kaposi's sarcoma (pseudo-Kaposi's sarcoma). Marshall ME, et al. **Arch Dermatol** 1985 Jan;121(1):99-101

Kaposi's sarcoma of the soft and hard palates. Frigy AF. **Arch Otolaryngol** 1984 Nov;110(11):766-9

Differential diagnosis of Kaposi's sarcoma. Blumenfeld W, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):123-7

Tissue reaction in bartonellosis may suggest Kaposi's sarcoma [letter] Garcia FU. **Arch Pathol Lab Med** 1985 Aug; 109(8):703-4

Minute foci of Kaposi's sarcoma in a patient with acquired immunodeficiency syndrome [letter] Swerdlow SH, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):106-7

Kaposi's sarcoma of the tracheobronchial tree. Clinical, bronchoscopic, and pathologic features. Pitchenik AE, et al. **Chest** 1985 Jan;87(1):122-4

Gastrointestinal Kaposi's sarcoma in patients with acquired immunodeficiency syndrome. Endoscopic and autopsy findings. Friedman SL, et al. **Gastroenterology** 1985 Jul; 89(1):102-8

Endoscopic and pathologic features of gastrointestinal Kaposi's sarcoma: a report of four cases in patients with the acquired immune deficiency syndrome. Bernal A, et al. **Gastrointest Endosc** 1985 Apr;31(2):74-7

Kaposi's sarcoma presenting as pulmonary disease in the acquired immunodeficiency syndrome: diagnosis by lung biopsy. Nash G, et al. **Hum Pathol** 1984 Oct; 15(10):999-1001

Clinicopathological features of Kaposi's sarcoma in Zaire. Kalengayi MM, et al. **IARC Sci Publ** 1984;(63):559-82 (89 ref.)

Kaposi's sarcoma in a 2-year-old child. Sengupta SK, et al. **Int J Oral Surg** 1984 Dec;13(6):532-4

Pre-Kaposi's sarcoma. Schwartz JL, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 2):377-80

African 'eosinophilic bodies' in vivo in two American men with Kaposi's sarcoma and AIDS. Cantwell AR Jr, et al. **J Dermatol Surg Oncol** 1985 Apr;11(4):408-12

Stump the experts. Skin neoplasms. Kouskoukis CE. **J Dermatol Surg Oncol** 1985 Jun;11(6):585, 641

Case for diagnosis. AIDS. Chung YM. **Milit Med** 1984 Sep; 149(9):518, 529-31

Histopathologic spectrum of oral Kaposi's sarcoma. Green TL, et al. **Oral Surg Oral Med Oral Pathol** 1984 Sep; 58(3):306-14

Kaposi sarcoma limited to glans penis. Conger K, et al. **Urology** 1985 Aug;26(2):173-5

[Histopathology of Kaposi's sarcoma] Ravisse P, et al. **Bull Soc Pathol Exot Filiales** 1984;77(4 Pt 2):533-45 (Eng. Abstr.) **(Fre)**

[Sporadic, endemic and AIDS-related Kaposi's sarcoma. Different clinical course variants of the tumor demonstrated by 3 typical cases] Rasokat H, et al. **Z Hautkr** 1985 Jan;60(1-2):109-15 (Eng. Abstr.) **(Ger)**

[Kaposi's sarcoma in young male homosexuals. Report of 2 cases] Petri V, et al. **AMB** 1984 Jul-Aug;30(7-8):161-4 (Eng. Abstr.) **(Por)**

[Case of Kaposi's sarcoma combined with villous cell leukemia] Kerimov SG, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):45-8 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Recent studies of diseases demonstrating similar patterns including infectious mononucleosis (IM) and Kaposi's sarcoma (KS). Fjelde A, et al. **Prog Clin Biol Res** 1985; 181:319-21

RADIOGRAPHY

Atypical infections and Kaposi's sarcoma in AIDS--radiographic findings. Federle MP. **Front Radiat Ther Oncol** 1985;19:117-22

RADIONUCLIDE IMAGING

The insensitivity of 99mTc pertechnetate imaging for Kaposi's sarcoma. Williams AG Jr, et al. **Cancer** 1985 May 1;55(9):1886-91

RADIOTHERAPY

Kaposi's sarcoma in AIDS: the role of radiation therapy. Harris JW, et al. **Front Radiat Ther Oncol** 1985;19:126-32

Radiation therapy of Kaposi's sarcoma in AIDS. Memorial Sloan-Kettering experience. Nisce LZ, et al. **Front Radiat Ther Oncol** 1985;19:133-7

Short communication: a retrospective review of patients with Kaposi's sarcoma treated in the Radiotherapy Department, Kenyatta National Hospital 1973-198 Muhombe K. **IARC Sci Publ** 1984;(63):625

Unexpected toxicity from radiation therapy in two patients with Kaposi's sarcoma receiving interferon. Real FX, et al. **J Biol Response Mod** 1985 Apr;4(2):141-6

SECONDARY

Kaposi's sarcoma metastatic to the CNS. Gorin FA, et al. **Arch Neurol** 1985 Feb;42(2):162-5

THERAPY

Interferon and interleukin-2 therapy of Kaposi's sarcoma. Volberding PA, et al. **Adv Exp Med Biol** 1985;187:151-7

Human lymphoblastoid interferon treatment of Kaposi's sarcoma in the acquired immune deficiency syndrome. Clinical response and prognostic parameters. Gelmann EP, et al. **Am J Med** 1985 May;78(5):737-41

Interferons and other biological response modifiers in the treatment of Kaposi's sarcoma. Krown SE, et al. **Front Radiat Ther Oncol** 1985;19:138-49

The problem of Kaposi's sarcoma in AIDS. Volberding PA. **Front Radiat Ther Oncol** 1985;19:91-8 (18 ref.)

Therapeutic trial of interferon-gamma in patients with epidemic Kaposi's sarcoma. Krigel RL, et al. **J Biol Response Mod** 1985 Aug;4(4):358-64

Treatment of Kaposi's sarcoma: overview and analysis by clinical setting. Odajnyk C, et al. **J Clin Oncol** 1985 Sep; 3(9):1277-85 (91 ref.)

Treatment of acquired immunodeficiency syndrome--related Kaposi's sarcoma with lymphoblastoid interferon. Rios A, et al. **J Clin Oncol** 1985 Apr;3(4):506-12

Viral infections and cell-mediated immunity in immunodeficient homosexual men with Kaposi's sarcoma treated with human lymphoblastoid interferon. Frederick

WR, et al. **J Infect Dis** 1985 Jul;152(1):162-70

Interferon-induced 2'-5' oligoadenylate synthetase during interferon-alpha therapy in homosexual men with Kaposi's sarcoma: marked deficiency in biochemical response to interferon in patients with acquired immunodeficiency syndrome. Preble OT, et al. **J Infect Dis** 1985 Sep; 152(3):457-65

[Treatment of Kaposi's sarcoma] Coulaud JP. **Bull Soc Pathol Exot Filiales** 1984;77(4 Pt 2):599-603 (Eng. Abstr.) **(Fre)**

ULTRASTRUCTURE

Kaposi's sarcoma revisited. Dorfman RF. **Hum Pathol** 1984 Nov;15(11):1013-7

Kaposi's sarcoma: presence of herpes-type virus particles in a tumor specimen. Walter PR, et al. **Hum Pathol** 1984 Dec; 15(12):1145-6

[Ultrastructural criteria in Kaposi's sarcoma] Klug H. **Dermatol Monatsschr** 1985;171(5):329-34 (Eng. Abstr.) **(Ger)**

SARCOMA, MAST CELL

ENZYMOLOGY

NADH-specific dihydropteridine reductase in mastocytoma P-815 cells. Nakanisi N, et al. **Comp Biochem Physiol [B]** 1984;78(3):515-8

Purification and characterization of S-adenosylhomocysteine hydrolase from mouse mastocytoma P-815 cells. Evidence for cell cycle-specific fluctuation of the enzyme activity. Ichikawa A, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):189-97

FAMILIAL & GENETIC

Cyclic AMP and c-myc gene expression in PY815 mouse mastocytoma cells. Le Gros J, et al. **FEBS Lett** 1985 Jul 1;186(1):13-6

IMMUNOLOGY

Lipopolysaccharide and polyribonucleotide activation of macrophages: implications for a natural triggering signal in tumor cell killing. Torres BA, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):395-401

Differential resistance to growth of a tumor expressing incompatible minor alloantigens reflects regulatory influences rather than differences in anti-minor-CTL-P frequencies. Carayanniotis G, et al. **Cell Immunol** 1985 Mar; 91(1):100-10

The tumor disappearance reaction: an in vivo effect of a noncytotoxic lymphokine active against tumor cells. D'Silva H, et al. **Clin Immunol Immunopathol** 1985 Mar; 34(3):326-32

Ly 1+2- suppressor T cells down-regulate the generation of Ly 1-2+ effector T cells during progressive growth of the P815 mastocytoma. North RJ, et al. **Immunology** 1985 Jan;54(1):47-56

Spontaneous immune rejection of intraocular tumors in mice. Niederkorn JY, et al. **Invest Ophthalmol Vis Sci** 1985 Jun; 26(6):877-84

Sequential determination of circulating immune complexes during progressive and regressive phases of mouse mastocytoma. Bertschmann M, et al. **J Clin Lab Immunol** 1984 Nov;15(3):149-54

In vivo activity of lymphokine-activated macrophages in host defense against neoplasia. Fernandez-Cruz E, et al. **J Immunol** 1985 May;134(5):3489-96

Comparative effects of various classes of mouse interferons on macrophage activation for tumor cell killing. Pace JL, et al. **J Immunol** 1985 Feb;134(2):977-81

Characterization of the suppressor cell(s) responsible for anterior chamber-associated immune deviation (ACAID) induced in BALB/c mice by P815 cells. Streilein JW, et al. **J Immunol** 1985 Mar;134(3):1381-7

The strain of mouse and assay conditions influence whether MuIFN-gamma primes or activates macrophages for tumor cell killing. Pace JL, et al. **J Leukocyte Biol** 1985 Apr; 37(4):475-9

METABOLISM

Effect of alcohols on arachidonic acid metabolism in murine mastocytoma cells and human polymorphonuclear leukocytes. Westcott JY, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):262-71

Oxygen consumption by tumor cells during membrane vesicle shedding. Liepins A, et al. **Cell Biol Int Rep** 1985 May; 9(5):501-11

Altered binding properties of beta-adrenergic receptors and lack of coupling to adenylate cyclase in P815 mastocytoma cells. Durieu-Trautmann O, et al. **Eur J Pharmacol** 1985 Jan 22;108(2):133-41

PATHOLOGY

Establishment of four mouse mastocytoma cell lines. Barsumian EL, et al. **Cell Immunol** 1985 Jan;90(1):131-41

Proliferative quiescence of normal mast cells resembles that of cold-sensitive mutant mastocytoma cells. Dominant expression of the quiescent state in heterokaryons. Laeng H, et al. **Exp Cell Res** 1985 May;158(1):170-6

Growth-inhibitory activity of lymphoid cell plasma membranes. I. Inhibition of lymphocyte and lymphoid tumor cell growth. Stallcup KC, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1221-6

Malignant mastocytoma in mice. Lewis DJ, et al. **J Comp Pathol** 1984 Oct;94(4):615-20

Tissue mast cells in health and disease. Parwaresch MR, et al. **Pathol Res Pract** 1985 Mar;179(4-5):439-61 (70 ref.)

PHYSIOPATHOLOGY

Cyclic AMP, nuclear protein kinase and the PY815 cell cycle. Goulding M, et al. **Mol Cell Biochem** 1985 May;67(1):31-8

VETERINARY

Ultrastructure of canine, feline, and bovine mast cell neoplasms. Madewell BR, et al. **Am J Vet Res** 1984 Oct; 45(10):2066-73

Canine mast cell tumors. Macy DW. **Vet Clin North Am [Small Anim Pract]** 1985 Jul; 15(4):783-803 (86 ref.)

Use of radiation and/or hyperthermia for treatment of mast cell tumors and lymphosarcoma in dogs. Thrall DE, et al. **Vet Clin North Am [Small Anim Pract]** 1985 Jul; 15(4):835-43 (26 ref.)

Canine cutaneous mast cell tumor: morphologic grading and survival time in 83 dogs. Patnaik AK, et al. **Vet Pathol** 1984 Sep;21(5):469-74

SARCOMA, OSTEOGENIC

The problems of management of primary malignant limb bone tumours in Zaria, Nigeria. Iwegbu CG. **East Afr Med J** 1984 Apr;61(4):328-34

[Osteosarcoma of soft tissues (presentation of 7 cases and review of the literature)] Bungaro P, et al. **Chir Organi Mov** 1984;69(1):51-5 (Eng. Abstr.) **(Ita)**

[Primary osteosarcoma of the kidney] Valach A, et al. **Bratisl Lek Listy** 1984 Nov;82(5):1362-8 (Eng. Abstr.) **(Slo)**

ANALYSIS

Demonstration of receptors for a PDGF-like mitogen on human osteosarcoma cells. Graves DT, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):56-62

Clinical significance of bone morphogenetic activity in osteosarcoma. A study of 20 cases. Yoshikawa H, et al. **Cancer** 1985 Oct 1;56(7):1682-7

Expression of neoplasia-related proteins of chemically transformed HuT fibroblasts in human osteosarcoma HOS fibroblasts and modulation of actin expression upon elevation of tumorigenic potential. Goldstein D, et al. **Cancer Res** 1985 Jul;45(7):3256-61

Osteosarcomas and Ewing's sarcomas. Comparative immunocytochemical investigation of filamentous proteins and cell membrane determinants. Löning T, et al. **Virchows Arch [A]** 1985;407(3):323-36

[Mineral and trace element determination in human osteosarcoma. Case report] Milachowski KA, et al. **Z Orthop** 1984 Nov-Dec;122(6):848-50 (Eng. Abstr.) **(Ger)**

BLOOD

Plasma concentrations of thromboxane and prostacyclin metabolites in patients with bone tumors. Mehta P, et al. **Am J Pediatr Hematol Oncol** 1985 Spring;7(1):88-91

COMPLICATIONS

Multicentric sclerosing osteosarcoma--a rare cause of cranial nerve palsy. Lam KS, et al. **Clin Oncol** 1984 Sep; 10(3):281-7

Femoral fracture due to osteosarcoma masquerading as internal derangement of the knee. Smith SM, et al. **Nebr Med J** 1984 Sep;69(9):304-6

Intracranial osteogenic sarcoma complicating Paget's disease of bone--case report. Shinonaga M, et al. **Neurol Med Chir (Tokyo)** 1985 Jan;25(1):45-9

DIAGNOSIS

Osteosarcoma resembling osteoblastoma. Bertoni F, et al. **Cancer** 1985 Jan 15;55(2):416-26

Primary osteosarcoma of kidney with liposarcomatous elements. Tuttle RJ, et al. **J Can Assoc Radiol** 1985 Mar; 36(1):76-8

Osteosarcoma of bladder 27 years after local radiotherapy. Ferrie BG, et al. **J R Soc Med** 1984 Nov;77(11):962-3

Case report 300. Parosteal osteosarcoma arising from the proximal end of the left radius. Farmlett E, et al. **Skeletal Radiol** 1985;13(1):89-93

[Clinical applications of proton NMR tomography] Chambron J, et al. **Physiologie** 1984 Oct-Dec;21(4):281-94 **(Fre)**

[Various problems of diagnosis and prognosis in osteogenic sarcoma] Knysh IT. **Ortop Travmatol Protez** 1984 Nov; (11):46-9 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Response of osteosarcoma to preoperative intravenous high-dose methotrexate chemotherapy: CT evaluation. Mail JT, et al. **AJR** 1985 Jan;144(1):89-93

Computed tomography of osteosarcoma after intraarterial chemotherapy. Shirkhoda A, et al. **AJR** 1985 Jan; 144(1):95-9

Tumor burden, chemotherapy, and cell kill in osteosarcoma model. Hiramoto RN, et al. **Am J Clin Oncol** 1985 Feb; 8(1):89-96

Osteosarcoma: a report on past and current treatment methods. Weiner M, et al. **Bull Hosp Jt Dis Orthop Inst** 1985 Spring;45(1):32-7

Control of primary osteosarcoma with chemotherapy. Jaffe N, et al. **Cancer** 1985 Aug 1;56(3):461-6

Transient neurologic disturbances induced by high-dose methotrexate treatment. Jaffe N, et al. **Cancer** 1985 Sep 15;56(6):1356-60

Anticancer drug screening test with LDH in nude mouse bearing bone and soft part sarcoma. Nakamura T, et al. **Cancer** 1985 Sep 1;56(5):1112-6

Treatment of unresectable or metastatic osteosarcoma with cisplatin or cisplatin-doxorubicin. Pratt CB, et al. **Cancer** 1985 Oct 15;56(8):1930-3

Phase II study of cisplatin in advanced osteogenic sarcoma. European Organization for Research on Treatment of Cancer Soft Tissue and Bone Sarcoma Group. Gasparini M, et al. **Cancer Treat Rep** 1985 Feb;69(2):211-3

High-dose ifosfamide in advanced osteosarcoma. Marti C, et al. **Cancer Treat Rep** 1985 Jan;69(1):115-7

Comparison of intra-arterial cis-diamminedichloroplatinum II with high-dose methotrexate and citrovorum factor rescue in the treatment of primary osteosarcoma. Jaffe N, et al. **J Clin Oncol** 1985 Aug;3(8):1101-4

Adjuvant chemotherapy in osteogenic sarcoma [letter] Jaffe N. **J Clin Oncol** 1984 Oct;2(10):1179-81

Osteosarcoma [editorial] **Lancet** 1985 Jul 20;2(8447):131-3

Successful treatment of pulmonary and abdominal metastatic osteosarcoma. Takaue Y, et al. **Med Pediatr Oncol** 1985; 13(3):126-8

Effect of intensive adjuvant chemotherapy on wound healing in 69 patients with osteogenic sarcomas of the lower extremities. Bertermann O, et al. **Recent Results Cancer Res** 1985;98:135-41

Clinical experience with preoperative chemotherapy for osteosarcoma. Honegger HP, et al. **Recent Results Cancer Res** 1985;98:130-4

The effect of chemotherapy on human bone sarcomas: a clinical and experimental study. Honegger HP, et al. **Recent Results Cancer Res** 1984;94:65-75

[Results of the COSS-77 and COSS-80 studies on adjuvant chemotherapy in osteosarcoma of the extremities] Purfürst C, et al. **Klin Padiatr** 1985 May-Jun;197(3):233-8 (Eng. Abstr.) **(Ger)**

[Comparison of x-ray and histological findings in osteosarcomas following preoperative chemotherapy] Sommer HJ, et al. **ROFO** 1985 Jul;143(1):74-82 (Eng. Abstr.) **(Ger)**

[Dye concentration measurements for the determination of leakage during and following normothermic cytostatic perfusion in the treatment of tumors of the extremities] Krauss J, et al. **Z Exp Chir Transplant Kunstliche Organe** 1984;17(5):269-74 (Eng. Abstr.) **(Ger)**

ENZYMOLOGY

High-affinity Ca2+-stimulated and Mg2+-dependent ATPase from rat osteosarcoma plasma membranes. Murray E, et al. **Biochem Int** 1983 Apr;6(4):527-33

Adenylate cyclase of osteoblast-like cells from rat osteosarcoma is stimulated by calcitonin as well as parathyroid hormone. Gutierrez GE, et al. **Endocrinology** 1984 Dec;115(6):2342-6

Glucocorticoid regulation of alkaline phosphatase in the osteoblastic osteosarcoma cell line ROS 17/2.8. Majeska RJ, et al. **Endocrinology** 1985 Jan;116(1):170-9

1,25-Dihydroxycholecalciferol and glucocorticosteroid regulation of adenylate cyclase in an osteoblast-like cell line. Catherwood BD. **J Biol Chem** 1985 Jan 25; 260(2):736-43

ETIOLOGY

Postradiation osteogenic sarcoma of bone and soft tissues. A clinicopathologic study of 66 patients. Huvos AG, et al. **Cancer** 1985 Mar 15;55(6):1244-55

The induction by 224Ra of myeloid leukaemia and osteosarcoma in male CBA mice. Humphreys ER, et al. **Int J Radiat Biol** 1985 Mar;47(3):239-47

Osteosarcoma in association with total hip replacement. Penman HG, et al. **J Bone Joint Surg [Br]** 1984 Nov; 66(5):632-4

Post-irradiation osteogenic sarcoma. Zachariades N, et al. **J Oral Maxillofac Surg** 1985 Apr;43(4):297-9

[Paget's osteosarcoma: prevention, diagnosis, attitude, prognosis. Apropos of a case] Reginster JY, et al. **Rev Med Liege** 1985 Jan 15;40(2):68-74 **(Fre)**

[Mathematical model of the sarcomagenic action of osteotropic alpha emitters] Petoian IM, et al. **Radiobiologiia** 1985 May-Jun;25(3):356-61 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

Familial osteosarcoma associated with 13;14 chromosomal rearrangement. Gilman PA, et al. **Cancer Genet Cytogenet** 1985 Jun;17(2):123-32

Product of the cellular oncogene, c-fos, observed in mouse and human tissues using an antibody to a synthetic peptide.

Adamson ED, et al. **EMBO J** 1985 Apr;4(4):941-7

Osteosarcoma and retinoblastoma: a shared chromosomal mechanism revealing recessive predisposition. Hansen MF, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6216-20

Detection of c-sis transcripts and synthesis of PDGF-like proteins by human osteosarcoma cells. Graves DT, et al. **Science** 1984 Nov 23;226(4677):972-4

[Genetic predisposition for cancer. Illustrated by a case of hereditary retinoblastoma] Austgulen R, et al. **Tidsskr Nor Laegeforen** 1985 Jan 30;105(3):216-8 (Eng. Abstr.) **(Nor)**

IMMUNOLOGY

Analysis of surface antigen expression per cell of human osteogenic sarcoma cells by fluorescence-labelled monoclonal antibodies. Rytwiński K. **Arch Immunol Ther Exp (Warsz)** 1984;32(6):649-58

Localization of anti-osteogenic sarcoma monoclonal antibody 791T/36 in a primary human osteogenic sarcoma and its subsequent xenograft in immunodeprived mice. Pimm MV, et al. **Cancer Immunol Immunother** 1985; 19(1):18-21

Transfer of osteosarcoma-specific cell-mediated immunity in hamsters by rabbit dialyzable leukocyte extracts. Tsang KY, et al. **Cell Immunol** 1985 Feb;90(2):295-302

HLA-DR synthesis induction and expression in HLA-DR-negative carcinoma cell lines of diverse origins by interferon-gamma but not by interferon-beta. Shaw AR, et al. **JNCI** 1985 Jun;74(6):1261-8

Kinetics of divalent monoclonal antibody binding to tumour cell surface antigens using flow cytometry: standardization and mathematical analysis. Roe R, et al. **Mol Immunol** 1985 Jan;22(1):11-21

METABOLISM

Specific receptors for epidermal growth factor in human bone tumour cells and its effect on synthesis of prostaglandin E2 by cultured osteosarcoma cell line. Hirata Y, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):125-30

Prevention by retinoic acid of anionic site redistribution on the surface of cultured human sarcoma cells. Lotan R, et al. **Biol Cell** 1984;51(2):147-56

Coexpression of a PDGF-like growth factor and PDGF receptors in a human osteosarcoma cell line: implications for autocrine receptor activation. Betsholtz C, et al. **Cell** 1984 Dec;39(3 Pt 2):447-57

Regulation of plasminogen activator production by bone-resorbing hormones in normal and malignant osteoblasts. Hamilton JA, et al. **Endocrinology** 1985 Jun; 116(6):2186-91

Constitutive biosynthesis of bone Gla protein in a human osteosarcoma cell line. Kaplan GC, et al. **Endocrinology** 1985 Sep;117(3):1235-8

Binding of intact parathyroid hormone to rat osteosarcoma cells: major contribution of binding sites for the carboxyl-terminal region of the hormone. Rao LG, et al. **Endocrinology** 1985 Oct;117(4):1632-8

Shift of circadian metabolic rhythm in BFO osteosarcoma-bearing mice. Kishimoto R, et al. **Gann** 1985 Apr;76(4):284-8

FBJ virus-induced osteosarcoma contains type I, type I trimer, type III as well as type V collagens. Yamagata S, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):17-26

The vitamin K-dependent bone protein is accumulated within cultured osteosarcoma cells in the presence of the vitamin K antagonist warfarin. Nishimoto SK, et al. **J Biol Chem** 1985 Mar 10;260(5):2832-6

Activation of the 1,25-dihydroxyvitamin D3 receptor in cultured rat osteogenic sarcoma cells. Werntz DA, et al. **J Recept Res** 1985;5(2-3):147-54

MORTALITY

Trends and variability in survival among patients with osteosarcoma: a 7-year update. Taylor WF, et al. **Mayo Clin Proc** 1985 Feb;60(2):91-104

OCCURRENCE

Human biology and epidemiology of childhood bone cancers: a review. Polednak AP. **Hum Biol** 1985 Feb;57(1):1-26 (98 ref.)

An epidemiological study of osteogenic sarcoma in Kenya: the variations in incidence between ethnic groups and geographic regions, 1968-1978. Bovill EG Jr, et al. **Int Orthop** 1985;9(1):59-63

PATHOLOGY

Osteosarcoma with multiple intramuscular metastases. A case report. Miki T, et al. **Acta Orthop Scand** 1985 Feb; 56(1):92-5

Primary osteosarcoma of the heart. Reynard JS Jr, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):598-600

Small-cell osteosarcoma of the mandible. Case report. Giangaspero F, et al. **Appl Pathol** 1984;2(1):28-31

Biological properties of a spontaneous murine tumour (STS) suitable for in vitro-in vivo studies. Wheldon TE, et al. **Br J Cancer** 1985 Jul;52(1):123-6

Characterization of an osteoblast-like clonal cell line which responds to both parathyroid hormone and calcitonin. Forrest SM, et al. **Calcif Tissue Int** 1985 Jan;37(1):51-6

Osteogenic sarcoma of the skull. A clinicopathologic study of 19 patients. Huvos AG, et al. **Cancer** 1985 Sep 1; 56(5):1214-21

Histologic evaluation of necrosis in osteosarcoma induced by chemotherapy. Regional mapping of viable and nonviable tumor. Picci P, et al. **Cancer** 1985 Oct 1; 56(7):1515-21

Differing determinants of prognosis following resection of pulmonary metastases from osteogenic and soft tissue sarcoma patients. Roth JA, et al. **Cancer** 1985 Mar 15; 55(6):1361-6

Effect of retinoids on the growth, ultrastructure, and cytoskeletal structures of malignant rat osteoblasts. Ng KW, et al. **Cancer Res** 1985 Oct;45(10):5106-13

Prostaglandin E2 synthesis by human primary and metastatic bone tumors in culture. Gebhardt MC, et al. **Clin Orthop** 1985 Jun;(196):300-5

Paget's sarcoma--with two illustrative cases. Huaux JP, et al. **Clin Rheumatol** 1984 Dec;3(4):459-66

Osteogenic sarcoma--a rare primary tumour of the breast. Lumsden AB, et al. **Eur J Surg Oncol** 1985 Jun;11(2):183-6

Canine multilobular osteosarcoma of the skull with metastasis. Losco PE, et al. **J Comp Pathol** 1984 Oct; 94(4):621-4

Osteogenic sarcoma of the breast. A case report. Farringer JL Jr. **J Tenn Med Assoc** 1985 Jul;78(7):422-4

A cultured cell line established in vitro from human osteosarcoma. Sekiguchi M, et al. **Jpn J Exp Med** 1983 Dec;53(6):289-92

Involvement of the mandibular canal: early sign of osteogenic sarcoma of the mandible. Yagan R, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):56-60

Aggressive osteoblastoma. Roessner A, et al. **Pathol Res Pract** 1985 Jan;179(3):433-8

[Sarcomatous transformation in Paget's disease of bone. Apropos of 3 case reports] Esselinckx W, et al. **Acta Orthop Belg** 1985 Jan-Feb;51(1):5-17 (Eng. Abstr.) **(Fre)**

[Malignant transformation of fibrous dysplasia of the orbit] Lebeau J, et al. **Rev Stomatol Chir Maxillofac** 1984; 85(5):403-10 (Eng. Abstr.) **(Fre)**

[DNA-RNA cytofluorometric analysis of a case of osteosarcoma in relation to histological characteristics] Takeshita H, et al. **Gan No Rinsho** 1985 Jan;31(1):57-64 (Eng. Abstr.) **(Jpn)**

[Pathology of bone neoplasms and similar diseases] Machinami M. **Nippon Seikeigeka Gakkai Zasshi** 1984 Dec; 58(13):1291-301 **(Jpn)**

[A histological study on osteosarcoma. Part II: The mode of local extension of osteosarcoma] Usui M, et al. **Nippon Seikeigeka Gakkai Zasshi** 1985 Jan;59(1):45-53 (Eng. Abstr.) **(Jpn)**

[A histological study on osteosarcoma. Part I: Relationship between modes of osteoid formation and differentiation of tumor cells] Usui M, et al. **Nippon Seikeigeka Gakkai Zasshi** 1984 Aug;58(8):793-801 (Eng. Abstr.) **(Jpn)**

[Changes in lectin-induced agglutination of human tumor cells during the process of their reversion] Viadro MM. **Eksp Onkol** 1985;7(2):46-8 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Prediction of muscle and joint loads after segmental femur replacement for osteosarcoma. van Krieken FM, et al. **Clin Orthop** 1985 Sep;(198):273-83

Investigation of the origin of the osteoclast by use of transplantation on chick chorioallantoic membrane. Yabe H, et al. **Clin Orthop** 1985 Jul-Aug;(197):255-65

1 alpha, 25-dihydroxyvitamin D3 specific regulation of growth, morphology, and fibronectin in a human osteosarcoma cell line. Franceschi RT, et al. **J Cell Physiol** 1985 Jun;123(3):401-9

Osteosarcoma of the jaw bones. Analysis of 18 cases. Slootweg PJ, et al. **J Maxillofac Surg** 1985 Aug; 13(4):158-66

Electrophysiology of a clonal osteoblast-like cell line: evidence for the existence of a Ca2+-activated K+ conductance. Dixon SJ, et al. **J Membr Biol** 1984; 80(1):49-58

Hormonal evaluation in patients with osteosarcoma. Vassilopoulou-Sellin R, et al. **J Surg Oncol** 1985 Mar; 28(3):209-13

[Effect of intravascular pressure changes on the induction of bone neoplasms in rats] Rudenko FV, et al. **Eksp Onkol** 1984;6(2):70-2 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Primary osteogenic sarcoma of the calvaria. Benson JE, et al. **AJNR** 1984 Nov-Dec;5(6):810-3

Computed tomography of parosteal osteosarcoma. Hudson TM, et al. **AJR** 1985 May;144(5):961-5

Childhood multifocal osteosarcoma. Clinicopathologic and radiologic correlates. Parham DM, et al. **Cancer** 1985 Jun 1;55(11):2653-8

Radiological work-up of primary malignant bone tumours. Taconis WK, et al. **Diagn Imag Clin Med** 1985;54(1):28-38

Leg discomfort after a tennis game. Spiegl G, et al. **J Belge Radiol** 1984;67(5):325-7

The meaning of radiolucencies in parosteal osteosarcoma. Bertoni F, et al. **J Bone Joint Surg [Am]** 1985 Jul; 67(6):901-10

Detection of pulmonary metastases in patients with osteogenic and soft-tissue sarcomas: the superiority of CT scans compared with conventional linear tomograms using dynamic analysis. Pass HI, et al. **J Clin Oncol** 1985 Sep; 3(9):1261-5

Computed tomography of parosteal osteosarcoma of the rib. Kawa S, et al. **J Comput Tomogr** 1985 Jul;9(3):269-73

Periosteal compact osteoma. Moshref M, et al. **Oral Surg Oral Med Oral Pathol** 1984 Dec;58(6):743

Paget's sarcoma of bone. Yochum TR. **Radiologe** 1984 Sep; 24(9):428-33

Problems and pitfalls in the use of computed tomography for the local evaluation of long bone osteosarcoma: report on 30 cases. Coffre C, et al. **Skeletal Radiol** 1985; 13(2):147-53

Subtle early osteosarcoma. de Santos LA, et al. **Skeletal Radiol** 1985;13(1):44-8

Case report 318. Grade 2 osteoblastic osteosarcoma with elements of aneurysmal bone cyst. Funk DA, et al. **Skeletal Radiol** 1985;14(1):61-4

Case report 289: 'cystic' parosteal osteosarcoma. Kricun ME, et al. **Skeletal Radiol** 1984;12(3):227-31

Juxtacortical osteosarcoma: a radiologic and histologic spectrum. Levine E, et al. **Skeletal Radiol** 1985;14(1):38-46

Primary osteogenic sarcoma of the spine. Patel DV, et al. **Skeletal Radiol** 1984;12(4):276-9

[The well-differentiated intraosseus osteosarcoma] Vriens JP, et al. **Ned Tijdschr Geneeskd** 1984 Nov 24;128(47):2210-3 (Eng. Abstr.) **(Dut)**

[Malignant bone tumors of the hip. Anatomo-radiological correlation] Lagier R. **Rev Rhum Mal Osteoartic** 1985 May; 52(5):307-11 (Eng. Abstr.) **(Fre)**

[Radiographic evaluation of the amputation stump in osteosarcoma] Nessi R, et al. **Radiol Med (Torino)** 1984 Jan-Feb;70(1-2):28-33 (Eng. Abstr.) **(Ita)**

RADIONUCLIDE IMAGING

Multiple uptakes of technetium-99m methylene diphosphonate in a patient with metastatic osteosarcoma. Amico S, et al. **Clin Nucl Med** 1985 Apr;10(4):288-9

Is ECT imaging with Tc(V)-99m dimercaptosuccinic acid useful to detect lung metastases of osteosarcoma? Ohta H, et al. **Clin Nucl Med** 1985 Jan;10(1):13-5

Osteosarcoma of the breast: a case report with an unusual diagnostic feature. Savage AP, et al. **Clin Oncol** 1984 Sep; 10(3):295-8

Transcatheter infusion of 99mTc MAA for predicting response of intra-arterial chemotherapy in osteogenic sarcoma. Kim EE, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):35-42

Synthesis and purification of sodium [11C]benzoate for physiological and metabolic studies: evaluation in a tumor-bearing dog. Conti PS, et al. **Int J Nucl Med Biol** 1984;11(2):179-83

[Bone scintigraphy in assessing the success of chemotherapy in osteosarcoma] Knop J, et al. **Nuklearmedizin** 1985 Apr; 24(2):75-81 (Eng. Abstr.) **(Ger)**

RADIOTHERAPY

Intra-arterial infusion of radiosensitizer (BUdR) combined with hypofractionated irradiation and chemotherapy for primary treatment of osteogenic sarcoma. Martinez A, et al. **Int J Radiat Oncol Biol Phys** 1985 Jan;11(1):123-8

SECONDARY

The influence of tumor microfoci on recurrence and survival following pulmonary resection of metastatic osteogenic sarcoma. Gundry SR, et al. **Ann Thorac Surg** 1984 Nov; 38(5):473-8

Changing metastatic patterns of osteosarcoma. Giuliano AE, et al. **Cancer** 1984 Nov 15;54(10):2160-4

Perivascular soft tissue spread of osteosarcoma. Hudson TM. **Clin Nucl Med** 1984 Sep;9(9):531-2

Metastatic osteogenic sarcoma involving the left ventricle. Identification with gallium-67 citrate. Leonard JC, et al. **Clin Nucl Med** 1985 Jun;10(6):440

Pleural metastasis with osteosarcoma. Dramatic presentation on skeletal scintigraphy. Shore RM, et al. **Clin Nucl Med** 1984 Nov;9(11):622-4

Late metastases from osteogenic sarcoma. A case report. Pho RW, et al. **J Bone Joint Surg [Am]** 1985 Jan;67(1):147-50

Pancreatic metastases in bone sarcomas: CT demonstration. Rubin E, et al. **J Comput Assist Tomogr** 1985 Sep-Oct; 9(5):886-8

Renal metastases from osteogenic sarcoma. Ayres R, et al. **Urol Radiol** 1985;7(1):39-41

[The changing role of thoracotomy in the treatment of metastatic tumors of the lung] Homan van der Heide JN, et al. **Rozhl Chir** 1984 Sep;63(8-9):539-46 (Eng. Abstr.) **(Cze)**

[X-ray computed tomography of pulmonary metastases of an osteogenic sarcoma] Spiegl G, et al. **J Belge Radiol** 1984; 67(6):405-7 (Eng. Abstr.) **(Fre)**

[Skeletal metastasis of osteosarcoma] Ruggieri P, et al. **Chir Organi Mov** 1984;69(4):391-5 (Eng. Abstr.) **(Ita)**

SURGERY

Surgical management of osteogenic sarcoma of the lower limb. Lane JM, et al. **Bull NY Acad Med** 1985 Jun; 61(5):395-404

En block surgery for osteogenic sarcoma: analysis and review

of ninety operative cases. Marcove RC, et al. **Bull NY Acad Med** 1984 Sep;60(7):748–58
Therapeutic effect of cryosurgery of murine osteosarcoma--influence on disease outcome and immune function. Müller LC, et al. **Cryobiology** 1985 Feb; 22(1):77–85
The surgical treatment of parosteal osteosarcoma in long bones. Enneking WF, et al. **J Bone Joint Surg [Am]** 1985 Jan;67(1):125–35
Functional performance after tibial rotationplasty. Murray MP, et al. **J Bone Joint Surg [Am]** 1985 Mar;67(3):392–9
Energy cost during gait in osteosarcoma patients after resection and knee replacement and after above-the-knee amputation. Otis JC, et al. **J Bone Joint Surg [Am]** 1985 Apr;67(4):606–11
Osteogenic sarcoma. Proceedings of the Tumor Board of the Children's Hospital of Philadelphia. Mitchell CD, et al. **Med Pediatr Oncol** 1985;13(3):129–32
Orthopedic oncology. Sherry HS. **Mt Sinai J Med (NY)** 1985 Mar;52(3):189–90
Limb-sparing treatment of adult soft-tissue sarcomas and osteosarcomas. National Institutes of Health Consensus Development Conference Statement. **Nat Inst Health Consensus Dev Conf Consensus Statement** 1985;5(6):18 p
Microwave tissue coagulation for the treatment of advanced inoperable sarcoma. Shoji S, et al. **Nippon Geka Hokan** 1984 Nov 1;53(6):786–93
The Tikhoff-Linberg procedure: report of ten patients and presentation of a modified technique for tumors of the proximal humerus. Malawer MM, et al. **Surgery** 1985 May; 97(5):518–28
[Limb salvage procedure for osteosarcoma] Kotoura Y. **Nippon Geka Hokan** 1984 Mar 1;53(2):271–2 **(Jpn)**

THERAPY

A pertrochanteric fracture in an adolescent treated for an osteogenic sarcoma of the shaft of the femur with chemotherapy, tumour resection and endoprosthesis. Hoekstra HJ, et al. **Arch Orthop Trauma Surg** 1984; 103(3):224–6
Consensus development summaries. Limb-sparing treatment of adult soft-tissue sarcomas and osteosarcomas. National Institutes of Health. **Conn Med** 1985 Aug;49(8):517–21
Primary malignant bone tumors--a management approach. Lange T, et al. **J Arkansas Med Soc** 1985 Jul;82(2):115–9
Combined-modality treatment of osteogenic sarcoma of the skull. Sundaresan N, et al. **J Neurosurg** 1985 Oct; 63(4):562–7
Consensus Conference. Limb-sparing treatment of adult soft-tissue sarcomas and osteosarcomas. **JAMA** 1985 Oct 4;254(13):1791–4
Advances in the management of malignant bone tumors in children and adolescents. Jaffe N. **Pediatr Clin North Am** 1985 Jun;32(3):801–10 (49 ref.)
[Osteosarcoma. Problems and therapy] Kofránek I, et al. **Cas Lek Cesk** 1985 Apr 19;124(16):486–90 (Eng. Abstr.) **(Cze)**
[Initial chemotherapy and conservative surgery in the current treatment of osteosarcoma. Apropos of 24 cases] Brunat-Mentigny M, et al. **Ann Pediatr (Paris)** 1984 Oct 15;31(9):773–8 (Eng. Abstr.) **(Fre)**
[Treatment of osteosarcoma with pre- and postoperative chemotherapy and non-mutilating surgery] Lejeune FJ, et al. **Rev Med Brux** 1984 Oct;5(8):551–8 (Eng. Abstr.) **(Fre)**
[Therapy and prognosis in osteosarcoma: changing thoughts and numbers] Campanacci M. **Chir Organi Mov** 1984; 69(1):7–9 **(Ita)**
[Bone tumors] Madon E, et al. **Pediatr Med Chir** 1984 Mar–Apr;6(2):201–8 (Eng. Abstr.) **(Ita)**
[Pathomorphosis of osteogenic sarcoma during combined therapy using local UHF-hyperthermia] Polonskaia NIu, et al. **Med Radiol (Mosk)** 1985 Jul;30(7):39–41 **(Rus)**
[Treatment of osteogenic sarcoma in childhood] Horský I, et al. **Acta Chir Orthop Traumatol Cech** 1984 Oct; 51(5):388–91 (Eng. Abstr.) **(Slo)**

ULTRASTRUCTURE

Electron microscopic and optical diffraction analyses of crystalline inclusions in human osteosarcoma cells. Yasuzumi G, et al. **J Electron Microsc (Tokyo)** 1984; 33(1):54–9
Vermicellar bodies in osteosarcoma cell nuclei [letter] Murray AB, et al. **Ultrastruct Pathol** 1984;6(4):363
Human osteogenic sarcoma: fine structure of the fibroblastic type. Stark A, et al. **Ultrastruct Pathol** 1984;7(4):301–19
Nuclear polymorphism in osteosarcomas as a prognostic factor for the effect of chemotherapy. A quantitative study. Apel P, et al. **Virchows Arch [A]** 1985;405(2):215–23
[Scanning electron microscopy and elementary analytic studies of osteosarcoma] Stuhler T, et al. **Z Orthop** 1984 Nov–Dec;122(6):851–9 (Eng. Abstr.) **(Ger)**

VETERINARY

Hemothorax associated with telangiectatic osteosarcoma in a dog. Mahaffey EA, et al. **J Am Vet Med Assoc** 1985 Aug 1;187(3):270–2
Osteosarcoma of the patella in a dog. Thacher C, et al. **J Am Vet Med Assoc** 1985 Jul 15;187(2):165–7
Imaging of canine cancers with 18F-2-fluoro-2-deoxy-D-glucose (FDG) suggests further applications for cancer imaging in man. Paul R, et al. **Nucl Med Commun** 1984 Oct;5(10):641–6
Canine sinonasal skeletal neoplasms: chondrosarcomas and osteosarcomas. Patnaik AK, et al. **Vet Pathol** 1984 Sep; 21(5):475–82
[Appearance of an osteogenic sarcoma in a dog at the site of metal osteosynthesis] Golubeva VA, et al. **Arkh Patol** 1984;46(8):34–7 **(Rus)**

SARCOMA, RETICULUM CELL

CHEMICALLY INDUCED

Isolated malignant lymphoma of the jejunum and long-term diphenylhydantoin therapy. Rubinstein I, et al. **Oncology** 1985;42(2):104–6

CLASSIFICATION

Post-transplantation reticulum-cell sarcoma reclassified as B-cell lymphoma [letter] Sedmak DD, et al. **N Engl J Med** 1985 May 16;312(20):1329–30

COMPLICATIONS

The psychiatric aspect of hypophosphatemia. Nanji AA. **Can J Psychiatry** 1984 Nov;29(7):599–600
Granulomatous hepatitis in a patient with previously treated histiocytic lymphoma. Vandenberg TA, et al. **Can Med Assoc J** 1985 Jun 15;132(12):1390–1, 1395
Characteristics and prognostic value of pleural effusions in non-Hodgkin's lymphomas. Xaubet A, et al. **Eur J Respir Dis** 1985 Feb;66(2):135–40
Tumor-associated peripheral eosinophilia: two unusual cases. Reddy SS, et al. **J Clin Oncol** 1984 Oct;2(10):1165–9
Multifocal pigment epithelial detachments by reticulum cell sarcoma. A characteristic funduscopic picture. Gass JD, et al. **Retina** 1984 Summer-Fall;4(3):135–43
[Polyneuropathy and monoclonal gammopathy in Parker-Jackson tumor (letter)] Galmiche JG, et al. **Presse Med** 1985 Feb 16;14(7):431–2 **(Fre)**
[A case of Legionnaires' disease and Branhamella catarrhalis pneumonia complicated with malignant lymphoma] Nagasawa M, et al. **Kansenshogaku Zasshi** 1984 Sep; 58(9):936–42 (Eng. Abstr.) **(Jpn)**
[Pyopneumothorax and gastric pleural fistula caused by gastric carcinoma: report of a case and review of the literature] Ennes FP, et al. **AMB** 1984 Sep–Oct; 30(9–10):210–2 (Eng. Abstr.) **(Por)**

DIAGNOSIS

Reticulum cell sarcoma with unusual presenting features: fever and low cerebrospinal fluid glucose levels. Wong MJ, et al. **Can Med Assoc J** 1984 Oct 15;131(8):905–6
Lymphoma of the heart. Wong DW, et al. **Cathet Cardiovasc Diagn** 1984;10(4):377–84
Primary lymphoma of the breast. Telesinghe PU, et al. **Histopathology** 1985 Mar;9(3):297–307
Testicular lymphoma: sonographic findings. Goodman JD, et al. **Urol Radiol** 1985;7(1):25–7
[Oculocerebral reticulum cell sarcoma] Witschel H, et al. **Fortschr Ophthalmol** 1984;81(4):353–5 (Eng. Abstr.) **(Ger)**
[Malignant lymphomas of the pharynx in children] Sobkowiak R, et al. **Otolaryngol Pol** 1985;39(1):39–45 (Eng. Abstr.) **(Pol)**
[Case of sarcoma of the parotid gland with long-term survival] Stankiewicz C, et al. **Otolaryngol Pol** 1984; 38(3):261– (Eng. Abstr.) **(Pol)**
[Non-epithelial malignant tumors of the stomach] Bashkov IuA, et al. **Klin Med (Mosk)** 1984 Oct;62(10):95–8 (Eng. Abstr.) **(Rus)**
[Roentgeno-endoscopic examination in malignant tumors of the right segments of the large intestine] Sidorov VS, et al. **Vestn Rentgenol Radiol** 1984 Sep–Oct;(5):46–51 (Eng. Abstr.) **(Rus)**
[A 53-year-old woman with depressive syndrome, behavioral change and disorientation (clinical conference)] Zarranz JJ, et al. **Med Clin (Barc)** 1984 Jun 30;83(5):214–21 **(Spa)**

DRUG THERAPY

MACOP-B chemotherapy for the treatment of diffuse large-cell lymphoma. Klimo P, et al. **Ann Intern Med** 1985 May;102(5):596–602
Residual tumor masses following treatment for advanced histiocytic lymphoma. Diagnostic and therapeutic implications. Stewart FM, et al. **Cancer** 1985 Feb 1; 55(3):620–3

ETIOLOGY

Persistent Epstein-Barr virus infection and a histiocytic sarcoma in a renal transplant recipient. Kramer P, et al. **Cancer** 1985 Feb 1;55(3):503–9

IMMUNOLOGY

Immunohistological analysis of human lymphoma: correlation of histological and immunological categories. Stein H, et al. **Adv Cancer Res** 1984;42:67–147 (171 ref.)
Analysis of the involvement of cells from donor and recipient mice in adoptive transfer of antitumor immunity. Lee FH, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5491–8
Induced type-B reticulum cell neoplasia of CBA mice. II. Functional similarities between tumorigenic reticulum cells and normal accessory cells. Brittle MP, et al. **Immunology** 1985 Aug;55(4):663–9

METABOLISM

Characterization of the perivascular reticulin network in a case of primary brain lymphoma. Immunohistochemical demonstration of collagen types I, III, IV, and V; laminin; and fibronectin. Kalimo H, et al. **Acta Neuropathol (Berl)** 1985;66(4):299–305
In vitro biosynthesis of complement protein D by U937 cells. Barnum SR, et al. **J Immunol** 1985 Mar;134(3):1799–803

OCCURRENCE

Primary gastrointestinal lymphoma in Thailand. Hargrove NS, et al. **J Med Assoc Thai** 1985 May;68(5):260–5

PATHOLOGY

True histiocytic lymphoma of the thymus. Report of a case and a study of the distribution of histiocytic cells in the fetal and adult thymus. Szporn AH, et al. **Am J Clin Pathol** 1984 Dec;82(6):734–7
Immunologic studies documenting the development of mycosis fungoides following successful therapy of a large-cell lymphoma. Samlowski WE, et al. **Arch Pathol Lab Med** 1985 Sep;109(9):864–6
Diffuse large cell (histiocytic) lymphoma of the spleen. Clinical and pathologic characteristics of ten cases. Harris NL, et al. **Cancer** 1984 Dec 1;54(11):2460–7
Regulation of reticulum cell sarcoma tumor growth in SJL/J mice by a serum inhibitor affecting T-cell proliferation. Sakano T, et al. **Cancer Res** 1985 Apr;45(4):1573–8
Cutaneous nodules as the first manifestation of gastrointestinal lymphoma. Knobler H, et al. **Cutis** 1985 Mar;35(3):262–6
Coexisting primary malignant lymphoma and adenocarcinoma of the large intestine in an IgA-deficient boy. Mir-Madjlessi SH, et al. **Dis Colon Rectum** 1984 Dec; 27(12):822–4
Establishment of a new human lymphoma line that secretes plasminogen activator. Kubonishi I, et al. **Gann** 1985 Jan; 76(1):12–5
The intracutaneous growth of murine lymphomas: epidermal invasion is characteristic of multiple tumor phenotypes. Piepkorn M, et al. **J Invest Dermatol** 1984 Oct;83(4):281–5
Histiocytic lymphoma: a report of a case with an unusual phenotype. Salisbury JR, et al. **J Pathol** 1985 Jun; 146(2):99–106
Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 33-1985. Bilateral uveal disorder unresponsive to corticosteroid therapy. **N Engl J Med** 1985 Aug 15;313(7):436–43
Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 11-1985. A 54-year-old woman with anorexia, nausea, and vomiting and a large mass in the right upper abdominal quadrant. **N Engl J Med** 1985 Mar 14;312(11):706–11
Primary gastrointestinal lymphoma. A clinicopathologic study of 102 patients. Aozasa K, et al. **Oncology** 1985; 42(2):97–103
Histiocytic sarcoma. Clinical picture, morphology, markers, differential diagnosis. van der Valk P, et al. **Pathol Annu** 1985;20 Pt 2:1–28 (136 ref.)
[Extragastric sarcomas of the stomach] Bashkov IuA. **Khirurgiia (Mosk)** 1985 Mar;(3):119–20 **(Rus)**
[Gottron's reticulosarcomatosis] Savitskaia LN, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):56–7 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Clinicopathologic conference. Paraspinal mass in an 80-year-old woman. **Am J Med** 1984 Oct;77(4):709–18
Computed tomography of malignant lymphoma involving the skull. Holtås S, et al. **J Comput Assist Tomogr** 1985 Jul–Aug;9(4):725–7
Steroid-responsive dysphagia: a clue to the diagnosis of esophageal lymphoma. Field SP, et al. **Mt Sinai J Med (NY)** 1984 Jul–Aug;51(4):451–4
Primary and secondary histiocytic lymphoma of the brain: CT features. Yang PJ, et al. **Radiology** 1985 Mar; 154(3):683–6
[Roentgenodiagnosis of pulmonary lesions in children with hemoblastoses] Vaganova NT, et al. **Vestn Rentgenol Radiol** 1984 Sep–Oct;(5):62–5 (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

'Butterfly' pattern of uptake in posterior brain scan in diffuse histiocytic lymphoma. Veluvolu P, et al. **Clin Nucl Med** 1985 Jan;10(1):50–1
Diagnosis of splenic rupture in malignant lymphoma using radionuclides. Wallace JC. **Clin Nucl Med** 1985 Jan; 10(1):7–8
Lymphoscintigraphy. Petronis JD, et al. **Eur J Nucl Med** 1985;10(11–12):560–2

RADIOTHERAPY

Malignant lymphoma of the uterine cervix. Komaki R, et al. **Cancer** 1984 Oct 15;54(8):1699–704

Intestinal complications of wide field abdominal irradiation for lymphoma. Langlois D, et al. **Radiother Oncol** 1985 Jun;3(4):293–8

[Results of radiotherapy with cobalt-60 in tonsillar neoplasms] Kutzner J, et al. **Strahlentherapie** 1985 Mar; 161(3):127–30 (Eng. Abstr.) **(Ger)**

[A case of intracranial malignant lymphoma with pure akinesia and repeated regression on CT scans] Suzuki T, et al. **No To Shinkei** 1984 Jul;36(7):689–96 (Eng. Abstr.) **(Jpn)**

SURGERY

Treatment of malignant tracheoesophageal fistula due to histiocytic lymphoma. Kelly JP, et al. **South Med J** 1984 Sep;77(9):1203–5

[Malignant lymphoma of the digestive tract (10-year data of the Surgical Department of the City Hospital in Swidnica)] Wójcik A, et al. **Pol Tyg Lek** 1985 Apr 8–15; 40(14–15):413–5 (Eng. Abstr.) **(Pol)**

[Interscapular-thoracic resection in tumors of the scapula and proximal part of the humerus] Makhson NE, et al. **Sov Med** 1984;(8):22–7 (Eng. Abstr.) **(Rus)**

THERAPY

Treatment of diffuse histiocytic lymphoma [letter] Sheridan WP, et al. **Ann Intern Med** 1985 Sep;103(3):471–2

Clinical response of a patient with diffuse histiocytic lymphoma to adoptive chemoimmunotherapy using cyclophosphamide and alloactivated haploidentical lymphocytes. A case report and phase I trial. Kohler PC, et al. **Cancer** 1985 Feb 1;55(3):552–60

[A case of reticulosarcoma of the orbit 11 years after its treatment] Vignat JP, et al. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1089–91 **(Fre)**

[Primary histiocytic lymphoma of skin and subcutaneous tissues] Cohen Y, et al. **Harefuah** 1985 Feb 1;108(3):126–8 (Eng. Abstr.) **(Heb)**

VETERINARY

Malignant lymphoma in a colony of Macaca arctoides. Holmberg CA, et al. **Vet Pathol** 1985 Jan;22(1):42–5

SARCOMA, ROUS see **AVIAN SARCOMA**

SARCOMA, YOSHIDA

ANALYSIS

Increased content of natural ATPase inhibitor in tumor mitochondria. Luciaková K, et al. **FEBS Lett** 1984 Nov 5;177(1):85–8

Cytosolic Ca2+ homeostasis in Ehrlich and Yoshida carcinomas. A new, membrane-permeant chelator of heavy metals reveals that these ascites tumor cell lines have normal cytosolic free Ca2+. Arslan P, et al. **J Biol Chem** 1985 Mar 10;260(5):2719–27

DRUG THERAPY

Cytolytic activity of cytotoxin isolated from Indian cobra venom against experimental tumor cells. Iwaguchi T, et al. **Biochem Int** 1985 Mar;10(3):343–9

Antitumor agent poly (amino acid) conjugates as a drug carrier in cancer chemotherapy. Morimoto Y, et al. **J Pharmacobiodyn** 1984 Sep;7(9):688–98

[Strain of Yoshida sarcoma with induced pafencil resistance] Khomchenovskii EI, et al. **Biull Eksp Biol Med** 1985 Apr; 99(4):479–81 (Eng. Abstr.) **(Rus)**

METABOLISM

Some biological properties of Synadenium grantil lectin. Premaratna A, et al. **Indian J Pathol Microbiol** 1984 Apr; 27(2):91–7

PATHOLOGY

Liver regeneration and tumor growth in the rat after partial hepatectomy. Ichihashi H, et al. **Jpn J Surg** 1984 Nov; 14(6):510–4

RADIONUCLIDE IMAGING

Immunoscintigraphy and distribution study of experimental tumours using 131I-labelled anti-fibrinogen antibodies. Svihovcová P, et al. **Eur J Nucl Med** 1984;9(10):478–81

Study of the distribution of tumor affinity metal compounds and alkaline metal compounds in the tumor tissues by macroautoradiography. Ando A, et al. **Int J Nucl Med Biol** 1984;11(2):195–201

THERAPY

Evaluation of the effect of arginine-enriched amino acid solution on tumor growth. Tachibana K, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul–Aug;9(4):428–34

[Effect of local moderate hyperthermia in combination with chemotherapy by N-nitroso-1,3-bis-(2-chloroethyl)urea (BCNU) on the descending colon of the rat with transplanted Yoshida sarcoma. 2. Monochemotherapy in combination with subsequent hyperthermia at various time intervals] Lorenz M, et al. **Langenbecks Arch Chir** 1984; 362(4):253–61 (Eng. Abstr.) **(Ger)**

ULTRASTRUCTURE

The possible role of stromal influences in tumor cell heterogeneity. Histology and fibronectin pattern of the Yoshida sarcoma of the rat. Jiwa M, et al. **Anticancer Res** 1985 May–Jun;5(3):273–6

SARCOMERES see under **MYOFIBRILS**

SARCOPLASMIC RETICULUM

[The use of the annihilated delayed fluorescence phenomenon in the study of the structural organization of the sarcoplasmic reticulum] Mekler VM, et al. **Biofizika** 1984 Sep–Oct;29(5):809–13 (Eng. Abstr.) **(Rus)**

ANALYSIS

Phospholipid asymmetry in the isolated sarcoplasmic reticulum membrane. Herbette L, et al. **Arch Biochem Biophys** 1984 Oct;234(1):235–42

Purification and characterization of phospholamban from canine cardiac sarcoplasmic reticulum. Inui M, et al. **J Biol Chem** 1985 Mar 25;260(6):3708–15

Cytochemical studies of a glycogen-sarcoplasmic reticulum complex. Goldstein MA, et al. **J Muscle Res Cell Motil** 1985 Apr;6(2):177–87

Monomeric solubilized sarcoplasmic reticulum Ca pump protein: demonstration of Ca binding and dissociation coupled to ATP hydrolysis. Martin DW, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6623–6

Purification and crystallization of the calcium binding protein of sarcoplasmic reticulum from skeletal muscle. Maurer A, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4036–40

[Fractionation of fragments of skeletal muscle sarcoplasmic reticulum according to their sensitivity to caffeine] Aliev MK, et al. **Biokhimiia** 1985 Jun;50(6):911–8 (Eng. Abstr.) **(Rus)**

[Isolation and characteristics of a fraction of skeletal muscle sarcoplasmic reticulum enriched with terminal cistern vesicles] Diadiusha GP, et al. **Ukr Biokhim Zh** 1985 Jul–Aug;57(4):59–64 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Ethanol increases calcium permeability of heavy sarcoplasmic reticulum of skeletal muscle. Ohnishi ST, et al. **Arch Biochem Biophys** 1984 Sep;233(2):588–94

Inositol 1,4,5-trisphosphate is not effective in releasing calcium from skeletal sarcoplasmic reticulum microsomes. Scherer NM, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1064–70

Mechanism of action of ryanodine on cardiac sarcoplasmic reticulum. Feher JJ, et al. **Biochim Biophys Acta** 1985 Feb 28;813(1):77–86

Sarcoplasmic reticulum membrane of rat skeletal muscle is disordered with chronic alcohol ingestion. Ohnishi ST, et al. **Membr Biochem** 1985;6(1):49–63

Chronic alcohol ingestion alters the calcium permeability of sarcoplasmic reticulum of rat skeletal muscle. Ohnishi ST. **Membr Biochem** 1985;6(1):33–47

Inositol 1,4,5-trisphosphate induces calcium release from sarcoplasmic reticulum of skeletal muscle. Volpe P, et al. **Nature** 1985 Jul 25–31;316(6026):347–9

[Blockers of the uncoupling action of caffeine on the Ca2+-transport function of sarcoplasmic reticulum membranes] Ritov VB. **Biull Eksp Biol Med** 1985 Apr; 99(4):445–8 (Eng. Abstr.) **(Rus)**

[Intracellular localization of the caffeine-sensitive form of Ca-dependent ATPase in the sarcoplasmic reticulum] Ritov VB, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):317–20 (Eng. Abstr.) **(Rus)**

[Effect of caffeine and glycerin on the Ca transport system of sarcoplasmic reticulum fragments from frog skeletal muscles] Uspanova ZhK, et al. **Tsitologiia** 1984 Aug; 26(8):962–5 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Characterization of calmodulin-dependent and cyclic-AMP-dependent protein kinase stimulation of cardiac sarcoplasmic reticulum calcium transport. Katz S, et al. **Adv Myocardiol** 1985;6:233–47

Properties of the Ca-pumping ATPase of sarcoplasmic reticulum from vascular smooth muscle. Chiesi M, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):797–806

Activation of Ca2+-stimulated ATPase by phospholipid N-methylation in cardiac sarcoplasmic reticulum. Ganguly PK, et al. **Biochem Biophys Res Commun** 1985 Jul 16; 130(1):472–8

Inhibition of sarcoplasmic reticulum Ca2+-ATPase by 2-mercaptoethanol. Georgoussi Z, et al. **Biochem Biophys Res Commun** 1985 Feb 15; 126(3):1196–200

Evidence that the ATP binding site of sarcoplasmic reticulum CaATPase has a Mg(2+) ion binding sub-site. Highsmith S. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):183–9

Ruthenium red and caffeine affect the Ca2+-ATPase of the sarcoplasmic reticulum. Mészáros LG, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):836–42

The effect of cardiotoxin on (Ca2+ + Mg2+)-ATPase of the erythrocyte and sarcoplasmic reticulum. Fourie AM, et al. **Biochem Int** 1983 May;6(5):581–91

Ascorbic acid-Fe2+ treatment mimics effect of vitamin E deficiency on sarcoplasmic Ca-ATPase of rabbit muscle. Promkhatkaew D, et al. **Biochem Int** 1985 Jun;10(6):937–43

Interaction of magnesium and inorganic phosphate with calcium-deprived sarcoplasmic reticulum adenosinetriphosphatase as reflected by organic solvent induced perturbation. Champeil P, et al. **Biochemistry** 1985 Jan 1;24(1):69–81

Enzyme phosphorylation with inorganic phosphate causes Ca2+ dissociation from sarcoplasmic reticulum adenosinetriphosphatase. de Meis L, et al. **Biochemistry** 1985 Feb 12;24(4):922–5

Transient-state kinetics of the ADP-insensitive phosphoenzyme in sarcoplasmic reticulum: implications for transient-state calcium translocation. Froehlich JP, et al. **Biochemistry** 1985 Jan 1;24(1):126–36

Characterization of sarcoplasmic reticulum adenosinetriphosphatase purified by selective column adsorption. Gafni A, et al. **Biochemistry** 1984 Sep 11; 23(19):4362–7

Sarcoplasmic reticulum adenosinetriphosphatase phosphorylation from inorganic phosphate. Theoretical and experimental reinvestigation. Guillain F, et al. **Biochemistry** 1984 Sep 25;23(20):4754–61

Phase behavior of membranes reconstituted from dipentadecanoylphosphatidylcholine and the Mg2+-dependent, Ca2+-stimulated adenosinetriphosphatase of sarcoplasmic reticulum: evidence for a disrupted lipid domain surrounding protein. Lentz BR, et al. **Biochemistry** 1985 Jan 15;24(2):433–42

Rotational diffusion of calcium-dependent adenosine-5'-triphosphatase in sarcoplasmic reticulum: a detailed study. Restall CJ, et al. **Biochemistry** 1984 Dec 18;23(26):6765–76

Specific dicyclohexylcarbodiimide inhibition of the E-P + H2O equilibrium E + Pi reaction and ATP equilibrium Pi exchange in sarcoplasmic reticulum adenosinetriphosphatase. Scofano HM, et al. **Biochemistry** 1985 Feb 12;24(4):1025–9

The role of Mg2+ and Ca2+ in the simultaneous binding of vanadate and ATP at the phosphorylation site of sarcoplasmic reticulum Ca2+-ATPase. Andersen JP, et al. **Biochim Biophys Acta** 1985 Apr 26;815(1):9–15

The capacity of the sarcoplasmic reticulum for phospholipid synthesis: a developmental study. Cornell R, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):567–76

The effect of di- and trivalent cations on the phosphorylation of the Ca2+-ATPase in sarcoplasmic reticulum vesicles. Domonkos J, et al. **Biochim Biophys Acta** 1985 Jul 11; 817(1):1–6

The base-exchange enzyme activities of sarcolemma and sarcoplasmic reticulum from rat heart. Hattori H, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):542–8

High-affinity and low-affinity vanadate binding to sarcoplasmic reticulum Ca2+-ATPase labeled with fluorescein isothiocyanate. Highsmith S, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):123–33

Interactions of hexachlorocyclohexanes with the (Ca2+ + Mg2+)-ATPase from sarcoplasmic reticulum. Jones OT, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):740–51

Tryptophan fluorescence of sarcoplasmic reticulum ATPase. A fluorescence quench study. Lüdi H, et al. **Biochim Biophys Acta** 1985 Mar 28;814(1):120–4

Conformational changes in the (Ca2+ + Mg2+)-ATPase of sarcoplasmic reticulum detected using phosphorescence polarization. Restall CJ, et al. **Biochim Biophys Acta** 1985 Feb 28;813(1):96–102

The effect of phospholipids on the thermostability of the ATPase from locust and crayfish sarcoplasmic reticulum. Volmer H, et al. **Comp Biochem Physiol [A]** 1985; 81(4):761–8

Role of Mg2+ ions in several steps of the sarcoplasmic reticulum-ATPase cycle. Guillain F, et al. **Curr Top Cell Regul** 1984;24:397–407

Ca2+-Ca2+ exchange catalyzed by the membrane-bound Ca2+, Mg2+-ATPase of sarcoplasmic reticulum vesicles. Kanazawa T, et al. **Curr Top Cell Regul** 1984;24:423–34

Sarcoplasmic reticulum Ca2+-ATPase: alterations in catalysis through interaction with ATP and ADP. McIntosh DB. **Curr Top Cell Regul** 1984;24:409–21

Temporal appearance and distribution of the Ca2+ + Mg2+ ATPase of the sarcoplasmic reticulum in developing chick myocardium as determined by immunofluorescence labeling. Jorgensen AO, et al. **Dev Biol** 1984 Nov; 106(1):156–65

Competition between decavanadate and fluorescein isothiocyanate on the Ca2+-ATPase of sarcoplasmic reticulum. Csermely P, et al. **Eur J Biochem** 1985 Aug 1;150(3):455–60

Sarcoplasmic reticulum CaATPase: product inhibition suggests an allosteric site for ATP activation. Coll RJ, et al. **FEBS Lett** 1985 Jul 22;187(1):131–4

Intrinsic regulation of substrate fluxes and energy conservation in Ca2+-ATPase. de Meis L, et al. **FEBS Lett** 1985 Jun 3;185(1):135–8

Membrane crystals of Ca2+-ATPase in sarcoplasmic reticulum of developing muscle. Dux L. **FEBS Lett** 1985 Apr 8;183(1):177–81

Behaviour of cardiac microsomal Ca2+ pump under conditions that may simulate pathological situations. Dhalla NS, et al. **Gen Physiol Biophys** 1985 Feb;4(1):15–27

Restoration of Ca2+-transport in sarcoplasmic reticulum ATPase solubilized with octaethyleneglycol mono n-dodecyl ether. Andoh R, et al. **J Biochem (Tokyo)** 1985

Mar;97(3):877-82

Inhibition of hydrolysis of phosphorylated Ca2+,Mg2+-ATPase of the sarcoplasmic reticulum by Ca2+ inside and outside the vesicles. Daiho T, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):643-53

Calorimetric studies of the mechanism of the Ca2+-ATPase reaction of sarcoplasmic reticulum. Kodama T, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):887-94

Changes in Ca2+ affinity related to conformational transitions in the phosphorylated state of soluble monomeric Ca2+-ATPase from sarcoplasmic reticulum. Andersen JP, et al. **J Biol Chem** 1985 Jan 10;260(1):371-80

Transient kinetic analysis of turnover-dependent fluorescence of 2',3'-O-(2,4,6-trinitrophenyl)-ATP bound to Ca2+-ATPase of sarcoplasmic reticulum. Bishop JE, et al. **J Biol Chem** 1984 Dec 25;259(24):15163-71

Correlation between lipid fluidity and tryptic susceptibility of Ca2+-ATPase in sarcoplasmic reticulum membranes. Blazyk J, et al. **J Biol Chem** 1985 Apr 25;260(8):4845-9

Size of the plasma membrane H+-ATPase from Neurospora crassa determined by radiation inactivation and comparison with the sarcoplasmic reticulum Ca2+-ATPase from skeletal muscle. Bowman BJ, et al. **J Biol Chem** 1985 Jul 25;260(15):8726-30

Stoichiometric photolabeling of two distinct low and high affinity nucleotide sites in sarcoplasmic reticulum ATPase. Carvalho-Alves PC, et al. **J Biol Chem** 1985 Apr 10; 260(7):4282-7

Distribution of a fatty acid spin probe in sarcoplasmic reticulum. Evidence of membrane asymmetry. Coan C. **J Biol Chem** 1985 Jul 5;260(13):8134-44

Purification of the CaATPase of sarcoplasmic reticulum by affinity chromatography. Coll RJ, et al. **J Biol Chem** 1984 Nov 25;259(22):14249-54

Interaction of valinomycin and monovalent cations with the (Ca2+,Mg2+)-ATPase of skeletal muscle sarcoplasmic reticulum. Davidson GA, et al. **J Biol Chem** 1985 Jun 25; 260(12).7325-9

Two distinct classes of nucleotide binding sites in sarcoplasmic reticulum Ca-ATPase revealed by 2',3'-O-(2,4,6-trinitrocyclohexadienylidene)-ATP. Dupont Y, et al. **J Biol Chem** 1985 Jun 25;260(12):7241-9

Evidence that platelet and skeletal sarcoplasmic reticulum Ca2+-ATPase are structurally distinct. Fischer TH, et al. **J Biol Chem** 1985 Jul 25;260(15):8996-9001

A fluorescence quenching study of tryptophanyl residues of (Ca2+ + Mg2+)-ATPase from sarcoplasmic reticulum. Gómez-Fernández JC, et al. **J Biol Chem** 1985 Jun 25; 260(12):7168-70

Oligomeric regulation of the later reaction steps of the sarcoplasmic reticulum calcium ATPase. Ikemoto N, et al. **J Biol Chem** 1984 Oct 10;259(19):11790-7

Purification and characterization of phospholamban from canine cardiac sarcoplasmic reticulum. Jones LR, et al. **J Biol Chem** 1985 Jun 25;260(12):7721-30

Regulation of calcium transport by protein phosphatase activity associated with cardiac sarcoplasmic reticulum. Kranias EG. **J Biol Chem** 1985 Sep 15;260(20):11006-10

Labeling of a thiol residue in sarcoplasmic reticulum ATPase by pyrene maleimide. Solvent accessibility studied by fluorescence quenching. Kurtenbach E, et al. **J Biol Chem** 1985 Aug 15;260(17):9636-41

Stability and partial reactions of soluble and membrane-bound sarcoplasmic reticulum ATPase. Martins OB, et al. **J Biol Chem** 1985 Jun 10;260(11):6776-81

Monomer-dimer association constant of solubilized sarcoplasmic reticulum ATPase. Silva JL, et al. **J Biol Chem** 1985 Apr 25;260(8):4764-9

Coincidence of H+ binding and Ca2+ dissociation in the sarcoplasmic reticulum Ca-ATPase during ATP hydrolysis. Yamaguchi M, et al. **J Biol Chem** 1985 Apr 25;260(8):4896-900

State of aggregation of detergent-solubilized sarcoplasmic reticulum adenosine triphosphatase investigated by high-performance liquid chromatography. Lüdi H, et al. **J Chromatogr** 1984 Aug 3;297:111-7

Effect of pH on calcium ion dependence of dog cardiac sarcoplasmic reticulum adenosine triphosphatase activity. Grassi de Gende AO, et al. **J Mol Cell Cardiol** 1985 May; 17(5):505-9

Amino-acid sequence of a Ca2+ + Mg2+-dependent ATPase from rabbit muscle sarcoplasmic reticulum, deduced from its complementary DNA sequence. MacLennan DH, et al. **Nature** 1985 Aug 22-28; 316(6030):696-700

Direct demonstration of structural changes in soluble, monomeric Ca2+-ATPase associated with Ca2+ release during the transport cycle. Andersen JP, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4573-7

Mechanism of activation of the calcium-, calmodulin-dependent protein kinase of cardiac sarcoplasmic reticulum and dephosphorylation of phosphoesters by an endogenous phosphatase. Suko J, et al. **Prog Clin Biol Res** 1984;168:35-40

Monoclonal antibodies to the Ca2++Mg2+-dependent ATPase of skeletal muscle sarcoplasmic reticulum--cross-reactivity with ATPase isozymes and other Ca2+-binding proteins. Zubrzycka-Gaarn E, et al. **Prog Clin Biol Res** 1984;168:19-23

Inhibitors of calmodulin-dependent phosphorylation simultaneously inhibit calcium uptake and calcium-dependent ATPase activity in skeletal muscle sarcoplasmic reticulum and transiently induce calcium release. Hasselbach W, et al. **Z Naturforsch [C]** 1984 Nov-Dec;39(11-12):1189-91

Dependence on membrane lipids of the effect of vanadate on calcium and ATP binding to sarcoplasmic reticulum ATPase. Medda P, et al. **Z Naturforsch [C]** 1984 Nov-Dec; 39(11-12):1137-40

[Effect of cholesterol on the cooperativeness of the Ca-ATPase of the sarcoplasmic reticulum in rabbit skeletal muscle] Kuz'mina IL, et al. **Biull Eksp Biol Med** 1984 Dec; 98(12):671-3 (Eng. Abstr.) **(Rus)**

[Role of lipid peroxidation in changes in the structure of Ca-ATPase in skeletal muscle sarcoplasmic reticulum during hypercholesterolemia] Timofeev AA, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):301-3 (Eng. Abstr.) **(Rus)**

[Effect of lipid peroxidation on the SH-group function of sarcoplasmic reticulum membranes] Rubtsov BV, et al. **Izv Akad Nauk SSSR [Biol]** 1985 Jan-Feb;(1):157-60 (Eng. Abstr.) **(Rus)**

METABOLISM

Differences in calcium transport mechanism of the sarcoplasmic reticulum of the slow-twitch and fast-twitch muscle. Domonkos J, et al. **Acta Biol Hung** 1984; 35(1):19-25

Ca2+ uptake of sarcoplasmic reticulum in experimental glucocorticosteroid myopathy. Heiner L, et al. **Acta Physiol Hung** 1984;64(2):139-42

Interaction of amphiphilic molecules with biological membranes. A model for nonspecific and specific drug effects with membranes. Herbette L, et al. **Adv Myocardiol** 1985;5:333-46

Ca influx and sarcoplasmic reticulum Ca release in cardiac muscle activation during postrest recovery. Bers DM. **Am J Physiol** 1985 Mar;248(3 Pt 2):H366-81

Subcontracture depolarizations increase sarcoplasmic ionized calcium in frog skeletal muscle. Snowdowne KW. **Am J Physiol** 1985 May;248(5 Pt 1):C520-6

Protein conformational transitions in sarcoplasmic reticulum membranes. Arrondo JL, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1159-63

Ca2+ release by inositol trisphosphate from Ca2+-transporting microsomes derived from uterine sarcoplasmic reticulum. Carsten ME, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1027-31

Effect of doxorubicin-enhanced hydrogen peroxide and hydroxyl radical formation on calcium sequestration by cardiac sarcoplasmic reticulum. Harris RN, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):739-45

Loss of calmodulin activity in cardiac sarcoplasmic reticulum after ischemia. Turla MB, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):617-20

Myofibrillar-protein isoforms and sarcoplasmic-reticulum Ca2+-transport activity of single human muscle fibres. Salviati G, et al. **Biochem J** 1984 Nov 15;224(1):215-25

Stimulation of canine cardiac sarcoplasmic reticulum Ca2+ uptake by dihydropyridine Ca2+ antagonists. Movsesian MA, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):195-201

Inhibition by free radical scavengers and by cyclooxygenase inhibitors of the effect of acidosis on calcium transport by masseter muscle sarcoplasmic reticulum. Okabe E, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):961-8

Modulation of sarcoplasmic reticulum Ca2+-pump activity by membrane fluidity. Almeida LM, et al. **Biochemistry** 1984 Sep 25;23(20):4714-20

Cross-linking agents induce rapid calcium release from skeletal muscle sarcoplasmic reticulum. Chiesi M. **Biochemistry** 1984 Aug 14;23(17):3899-907

Identification of plasmalogen as the major phospholipid constituent of cardiac sarcoplasmic reticulum. Gross RW. **Biochemistry** 1985 Mar 26;24(7):1662-8

Adenosine 5'-triphosphate at the active site accelerates binding of calcium to calcium adenosinetriphosphatase. Stahl N, et al. **Biochemistry** 1984 Nov 6;23(23):5389-92

Inhibitors of Ca2+ release from the isolated sarcoplasmic reticulum. I. Ca2+ channel blockers. Antoniu B, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):9-17

Inhibitors of Ca2+ release from the isolated sarcoplasmic reticulum. II. The effects of dantrolene on Ca2+ release induced by caffeine, Ca2+ and depolarization. Danko S, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):18-24

The separate profile structures of the functional calcium pump protein and the phospholipid bilayer within isolated sarcoplasmic reticulum membranes determined by X-ray and neutron diffraction. Herbette L, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):103-22

Phospholipid exchange between restricted and nonrestricted domains in sarcoplasmic reticulum vesicles. Selinsky BS, et al. **Biochim Biophys Acta** 1985 Feb 28;813(1):33-40

Rapid reconstitution and characterization of highly-efficient sarcoplasmic reticulum Ca pump. Wakabayashi S, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):266-76

Effects of Mg2+ on calcium accumulation by two fractions of sarcoplasmic reticulum from rabbit skeletal muscle. Watras J. **Biochim Biophys Acta** 1985 Jan 25;812(2):333-44

Time-resolved x-ray diffraction studies of the sarcoplasmic reticulum membrane during active transport. Blasie JK, et al. **Biophys J** 1985 Jul;48(1):9-18

The presence and binding characteristics of calmodulin in microsomal preparations enriched in sarcoplasmic reticulum from rabbit skeletal muscle. Eibschutz B, et al. **Cell Calcium** 1984 Aug;5(4):391-400

Use of aequorin for the appraisal of the hypothesis of the release of calcium from the sarcoplasmic reticulum induced by a change of pH in skinned cardiac cells. Fabiato A. **Cell Calcium** 1985 Apr;6(1-2):95-108

Twenty questions concerning the reaction cycle of the sarcoplasmic reticulum calcium pump. Tanford C. **CRC Crit Rev Biochem** 1984;17(2):123-51 (126 ref.)

Sarcoplasmic reticular Ca2+-pump adaptation in cardiac hypertrophy due to pressure overload in pigs. Dhalla NS, et al. **Eur Heart J** 1984 Dec;5 Suppl F:323-8

Lipid requirement of the vanadate effect on the binding of calcium and ATP to the calcium transport ATPase of the sarcoplasmic reticulum. Medda P, et al. **Eur J Biochem** 1985 Jan 15;146(2):255-60

The binding of vanadium (V) oligoanions to sarcoplasmic reticulum. Varga S, et al. **Eur J Biochem** 1985 Apr 1; 148(1):119-26

Calcium uptake by sarcoplasmic reticulum from nerve-intact and standard skeletal muscle grafts. Poland JL, et al. **Experientia** 1985 Feb 15;41(2):254-6

Solubilized monomeric sarcoplasmic reticulum Ca pump protein. Phosphorylation by inorganic phosphate. Martin DW, et al. **FEBS Lett** 1984 Nov 5;177(1):146-50

Inositol trisphosphate does not release Ca2+ from permeabilized cardiac myocytes and sarcoplasmic reticulum. Movsesian MA, et al. **FEBS Lett** 1985 Jun 17; 185(2):328-32

Heparin induces Ca2+ release from the terminal cisterns of skeletal muscle sarcoplasmic reticulum. Ritov VB, et al. **FEBS Lett** 1985 Aug 19;188(1):77-80

Ca2+ channel agonist BAY-k 8644 does not elicit Ca2+ release from skeletal muscle sarcoplasmic reticulum. Zorzato F, et al. **FEBS Lett** 1985 Jul 8;186(2):255-8

Calcium releasing action of quercetin on sarcoplasmic reticulum from frog skeletal muscle. Kurebayashi N, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1249-55

Channel selectivity and gating specificity of calcium-induced calcium release channel in isolated sarcoplasmic reticulum. Nagasaki K, et al. **J Biochem (Tokyo)** 1984 Dec; 96(6):1769-75

Tetraphenylboron increases choline permeability through a calcium release channel of isolated sarcoplasmic reticulum. Taguchi T, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):179-88

Independent synthesis of phospholipid and the intrinsic proteins of the sarcoplasmic reticulum. Cornell R, et al. **J Biol Chem** 1985 Jan 25;260(2):1290-5

Steady state kinetics of ATP synthesis and hydrolysis coupled calcium transport catalyzed by the reconstituted sarcoplasmic reticulum ATPase. Fagan MH, et al. **J Biol Chem** 1985 May 25;260(10):6147-52

Nd3+ and Co2+ binding to sarcoplasmic reticulum CaATPase. An estimation of the distance from the ATP binding site to the high-affinity calcium binding sites. Highsmith S, et al. **J Biol Chem** 1984 Dec 10; 259(23):14651-6

Rapid calcium release from the isolated sarcoplasmic reticulum is triggered via the attached transverse tubular system. Ikemoto N, et al. **J Biol Chem** 1984 Nov 10; 259(21):13151-8

Silver ions trigger Ca2+ release by acting at the apparent physiological release site in sarcoplasmic reticulum. Salama G, et al. **J Biol Chem** 1984 Nov 10;259(21):13363-9

Electron probe X-ray microanalysis of post-tetanic Ca2+ and Mg2+ movements across the sarcoplasmic reticulum in situ. Somlyo AV, et al. **J Biol Chem** 1985 Jun 10; 260(11):6801-7

Nucleotide specificity of cardiac sarcoplasmic reticulum. GTP-induced calcium accumulation and GTPase activity. Tate CA, et al. **J Biol Chem** 1985 Aug 15;260(17):9618-23

Doxorubicin induces calcium release from terminal cisternae of skeletal muscle. A study on isolated sarcoplasmic reticulum and chemically skinned fibers. Zorzato F, et al. **J Biol Chem** 1985 Jun 25;260(12):7349-55

Simulated calcium current can both cause calcium loading in and trigger calcium release from the sarcoplasmic reticulum of a skinned canine cardiac Purkinje cell. Fabiato A. **J Gen Physiol** 1985 Feb;85(2):291-320

Time and calcium dependence of activation and inactivation of calcium-induced release of calcium from the sarcoplasmic reticulum of a skinned canine cardiac Purkinje cell. Fabiato A. **J Gen Physiol** 1985 Feb;85(2):247-89

Experimental and theoretical studies on Tl+ interactions with the cation-selective channel of the sarcoplasmic reticulum. Fox J, et al. **J Membr Biol** 1985;84(1):9-23

The characterization of a monovalent cation-selective channel of mammalian cardiac muscle sarcoplasmic reticulum. Tomlins B, et al. **J Membr Biol** 1984;80(2):191-9

Release and recycling of calcium by the sarcoplasmic reticulum in guinea-pig portal vein smooth muscle. Bond M, et al. **J Physiol (Lond)** 1984 Oct;355:677-95

Calcium-binding of cardiac sarcoplasmic reticulum and diastolic hemodynamics in volume overloaded canine hearts. Maeba T. **Jpn Circ J** 1985 Feb;49(2):163-70

Solubilization and reconstitution of the calcium release channel of skeletal sarcoplasmic reticulum. Ohnishi ST, et al. **Membr Biochem** 1985;5(4):327-33

The messenger across the gap [news] Somlyo AP. **Nature** 1985 Jul 25-31;316(6026):298-9

Mechanisms of Ca2+ release from sarcoplasmic reticulum of skeletal muscle. Martonosi AN. **Physiol Rev** 1984 Oct; 64(4):1240-320 (455 ref.)

Membrane and molecular aspects of Ca2+ uptake and release in sarcoplasmic reticulum from skeletal muscle. Fleischer S. **Prog Clin Biol Res** 1984;168:31-3

Ca2+-transport in skeletal muscle sarcoplasmic reticulum of the chronically diabetic rat. Eibschutz B, et al. **Res Commun Chem Pathol Pharmacol** 1984 Aug;45(2):301-4

The regulation of the Ca2+ transport activity of sarcoplasmic reticulum. Martonosi A, et al. **Soc Gen Physiol Ser** 1985;39:57-85 (100 ref.)

[Changes in the intensity of the fluorescence of potential-sensitive fluorescent probes in the active transport of Ca2+ in the fragmented sarcoplasmic reticulum] Usatiuk PV, et al. **Biofizika** 1985 May-Jun; 30(3):450-4 (Eng. Abstr.) **(Rus)**

[Function of the membrane lipids of the heart sarcoplasmic network in izadrin myocarditis studied by using a pyrene probe] Lyzlova LV, et al. **Biull Eksp Biol Med** 1985 Jun; 99(6):674-7 (Eng. Abstr.) **(Rus)**

[Activation of the caffeine center of the sarcoplasmic reticulum at a reduced concentration of magnesium ions] Ritov VB, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):53-5 (Eng. Abstr.) **(Rus)**

[Lipid peroxidation and the functioning of the Ca pump of the sarcoplasmic reticulum of skeletal muscle in hypercholesterolemia] Timofeev AA, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):55-7 (Eng. Abstr.) **(Rus)**

[Lipid composition and ATPase activity of the myocardial sarcoplasmic reticulum in experimental hyperlipoproteinemia] Shkolovoĭ VV, et al. **Patol Fiziol Eksp Ter** 1984 Sep-Oct;(5):32-4 (Eng. Abstr.) **(Rus)**

[Changes in the Ca2+ concentration in subcellular fractions of myocardiocytes in sudden death in coronary disease] Sopka NV, et al. **Sud Med Ekspert** 1985 Jan-Mar;28(1):12-4 (Eng. Abstr.) **(Rus)**

[Effect of hypothyroidism on the structural and functional characteristics of the sarcoplasmic reticulum of rabbit skeletal muscles] Marzoev AI, et al. **Vopr Med Khim** 1984; 30(6):21-4 (Eng. Abstr.) **(Rus)**

[Lipid peroxidation in myocardial mitochondria and the sarcoplasmic reticulum in short-term impairment of coronary circulation] Tsiomik VA. **Vopr Med Khim** 1985 Jan-Feb;31(1):109-11 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Cardiac sarcoplasmic reticulum. Effects of an atherogenic diet during the neonatal and juvenile period. Jacobson MS, et al. **Atherosclerosis** 1985 Apr;55(1):81-91

PHYSIOLOGY

Role of the nervous system in regulation of the sarcoplasmic membrane function in different muscle fibres. Heiner L, et al. **Acta Physiol Hung** 1984;64(2):129-33

Coordination of cardiac myofibrillar and sarcotubular activities in rats exercised by swimming. Pagani ED, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):H909-15

The effect of hypothyroidism on sarcoplasmic reticulum in fast-twitch muscle of the rat. Simonides WS, et al. **Biochim Biophys Acta** 1985 Feb 21;844(2):129-41

Conductance and selectivity properties of a substate of the rabbit sarcoplasmic reticulum channel. Fox JA. **Biophys J** 1985 Apr;47(4):573-6

The sarcoplasmic reticulum: a comparative study. Franciolini F. **Comp Biochem Physiol [A]** 1985;80(3):265-70

Degradation of functional integrity during long-term storage of a freeze-dried biological membrane. Mouradian R, et al. **Cryobiology** 1985 Apr;22(2):119-27

Excitation-contraction coupling: the link between the surface and the interior of a muscle cell. Peachey LD. **J Exp Biol** 1985 Mar;115:91-8

Sarcoplasmic reticulum contains adenine nucleotide-activated calcium channels. Smith JS, et al. **Nature** 1985 Aug 1-7;316(6027):446-9

Modulation of stoichiometry of the sarcoplasmic reticulum calcium pump may enhance thermodynamic efficiency. Gafni A, et al. **Proc Natl Acad Sci USA** 1985 Jan; 82(1):98-101

PHYSIOPATHOLOGY

Alterations of contractility and sarcoplasmic reticulum function of rat heart in experimental hypo- and hyperthyroidism. Takács IE, et al. **Gen Physiol Biophys** 1985 Jun;4(3):271-8

RADIATION EFFECTS

[Effect of lipid peroxidation induced by UV radiation on the membrane Ca2+-ATPase of the sarcoplasmic reticulum] Rubtsov BV, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Jul-Aug;(4):624-6 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Ultrastructure of the sarcoplasmic reticulum in the ischemic myocardium. Akiyama K, et al. **Adv Myocardiol** 1985; 6:451-9

Tubular aggregates. Their association with neuromuscular diseases, including the syndrome of myalgias/cramps. Rosenberg NL, et al. **Arch Neurol** 1985 Oct;42(10):973-6

A functional identification of cardiac junctional sarcoplasmic reticulum. Brandt NR, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):739-45

Preservation of functional integrity during long term storage of a biological membrane. Mouradian R, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):615-7

Colchicine-induced appearance (proliferation) of smooth sarcoplasmic reticulum in arterial smooth muscle cells. Chaldakov GN, et al. **Experientia** 1985 Mar 15;41(3):390-2

Decavanadate is responsible for vanadate-induced two-dimensional crystals in sarcoplasmic reticulum. Maurer A, et al. **J Bioenerg Biomembr** 1984 Dec; 16(5-6):491-505

Subunit structure of junctional feet in triads of skeletal muscle: a freeze-drying, rotary-shadowing study. Ferguson DG, et al. **J Cell Biol** 1984 Nov;99(5):1735-42

Ultrastructure and architecture of the sarcoplasmic reticulum in frog sino-atrial fibres: a comparative study with various preparatory procedures. Duvert M, et al. **J Mol Cell Cardiol** 1985 Jan;17(1):43-56

Crystallization of intramembrane particles in rabbit sarcoplasmic reticulum vesicles by vanadate. Peracchia C, et al. **J Muscle Res Cell Motil** 1984 Aug;5(4):431-42

Freeze-fracture of frog slow tonic fibers. Structure of surface and internal membranes. Franzini-Armstrong C. **Tissue Cell** 1984;16(4):647-64

[Use of HBFP staining for the diagnosis of the degree of contractile structure damage in cardiomyocytes] Sergienko OV. **Vrach Delo** 1985 Feb;(2):41-5 (Eng. Abstr.) **(Rus)**

SARCOPTES SCABIEI

GROWTH & DEVELOPMENT

[New data on the life cycle of Sarcoptes scabiei de Geer, its association with clinical manifestations and improved methods of diagnosing scabies] Lange AB, et al. **Vestn Dermatol Venerol** 1984 Dec;(12):22-9 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Serum IgE antibodies to the scabies mite. Dahl JC, et al. **Int J Dermatol** 1985 Jun;24(5):313-5

Detection of serum antibodies to sarcoptic mange mite antigens by the passive hemagglutination assay in pigs infested with Sarcoptes scabiei var. suis. Wooten EL, et al. **Vet Parasitol** 1984 Sep;15(3-4):309-16

Hemagglutinating factor in an extract of Sarcoptes scabiei var. suis (De Geer). Wooten EL, et al. **Vet Parasitol** 1984 Sep;15(3-4):317-23

PHYSIOLOGY

Survival and infectivity of Sarcoptes scabiei var. canis and var. hominis. Arlian LG, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):210-5

Host-seeking behavior of Sarcoptes scabiei. Arlian LG, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):594-8

ULTRASTRUCTURE

[Scanning electron microscopic observations of Sarcoptes scabiei var hominis] Abe J, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Aug;94(9):1065-8 **(Jpn)**

SARCOSINE

ANALOGS & DERIVATIVES

Role of transglutaminase in insulin release. Study with glycine and sarcosine methylesters. Sener A, et al. **Endocrinology** 1985 Jul;117(1):237-42

Suppression of murine IgE responses with amino acid polymer/allergen conjugates. II. Suppressive activities in adjuvant-induced IgE responses. Wheeler AW, et al. **Int Arch Allergy Appl Immunol** 1985;76(4):361-8

Suppression of murine IgE responses with amino acid polymer/allergen conjugates. I. Preparation of poly-(N-methylglycine)/grass pollen extract conjugates using 4-(methylmercapto)phenyl-succinimidyl succinate as coupling reagent. Whittall N, et al. **Int Arch Allergy Appl Immunol** 1985;76(4):354-60

ANALYSIS

Fluorometric evaluation of sarcosine in urine and serum. Bellon G, et al. **J Chromatogr** 1984 Nov 28;311(2):405-10

BLOOD

Massachusetts Metabolic Disorders Screening Program: III. Sarcosinemia. Levy HL, et al. **Pediatrics** 1984 Oct; 74(4):509-13

PHARMACODYNAMICS

Prevention of strychnine-induced seizures and death by the N-methylated glycine derivatives betaine, dimethylglycine and sarcosine. Freed WJ. **Pharmacol Biochem Behav** 1985 Apr;22(4):641-3

1-SARCOSINE-8-ALANINE ANGIOTENSIN II see **SARALASIN**

1-SARCOSINE-8-ISOLEUCINE ANGIOTENSIN II see under **ANGIOTENSIN II**

SARCOSOMES see **MITOCHONDRIA, MUSCLE**

SARCOSPORIDIA

ANALYSIS

Biochemistry of the sarcocyst of Sarcocystis fusiformis of buffalo Bubalus bubalis. Chaudhry RK, et al. **Vet Parasitol** 1985 Apr;17(4):295-8

CLASSIFICATION

Sarcocystis infection in wild reindeer (Rangifer tarandus) from Hardangervidda in southern Norway: with a description of the cysts of Sarcocystis hardangeri n. sp. Gjerde B. **Acta Vet Scand** 1984;25(2):205-12

GROWTH & DEVELOPMENT

The domestic reindeer (Rangifer tarandus) from northern Norway as intermediate host for three species of Sarcocystis. Gjerde B, et al. **Acta Vet Scand** 1984; 25(2):187-94

The raccoon dog (Nyctereutes procyonoides) as definitive host for Sarcocystis spp. of reindeer (Rangifer tarandus). Gjerde B. **Acta Vet Scand** 1984;25(3):419-24

Sarcocystis sp. in guanaco (Lama guanicoe) and effect of temperature on its viability. Gorman TR, et al. **Vet Parasitol** 1984 Aug;15(2):95-101

Development and growth of Sarcocystis gigantea in experimentally-infected sheep. Munday BL, et al. **Vet Parasitol** 1984 Sep;15(3-4):203-11

[The development of Sarcocystis arieticanis n. sp.] Heydorn AO. **Berl Munch Tierarztl Wochenschr** 1985 Jul 1; 98(7):231-41 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

Protective immunity to Sarcocystis capracanis-induced abortion in dairy goats. Dubey JP. **J Protozool** 1984 Nov; 31(4):553-5

Protective immunity against clinical sarcocystosis in cattle. Fayer R, et al. **Vet Parasitol** 1984 Sep;15(3-4):187-201

Class-specific antibody responses in pigs following immunization and challenge with sporocysts of Sarcocystis miescheriana. Weyreter H, et al. **Vet Parasitol** 1984 Nov; 16(3-4):201-5

[Dynamics of antibody formation in swine following repeated immunization with sporocysts of Sarcocystis miescheriana and a single challenge infection] Zimmermann U, et al. **Berl Munch Tierarztl Wochenschr** 1984 Nov 1; 97(11):408-11 (Eng. Abstr.) **(Ger)**

ISOLATION & PURIFICATION

The role of birds as definitive hosts and intermediate hosts of heteroxenous coccidians. Cerná Z. **J Protozool** 1984 Nov;31(4):579-81

Prevalence and ultrastructure of three types of Sarcocystis in mule deer, Odocoileus hemionus (Rafinesque), in Montana. Dubey JP, et al. **J Wildl Dis** 1985 Jul; 21(3):219-28

PATHOGENICITY

Demonstration of viable Sarcocystis sporocysts in the faeces of a lamb dosed orally. Munday BL. **Vet Parasitol** 1985 Apr;17(4):355-7

ULTRASTRUCTURE

Comparison of the structure of Sarcocystis cuniculi of the European rabbit (Oryctolagus cuniculus) and Sarcocystis leporum of the cottontail rabbit (Sylvilagus floridanus) by light and electron microscopy. Elwasila M, et al. **Acta Vet Hung** 1984;32(1-2):71-8

Ultrastructure of the cysts of Sarcocystis tarandivulpes from skeletal muscle of reindeer (Rangifer tarandus tarandus). Gjerde B. **Acta Vet Scand** 1985;26(1):91-104

A light microscopic comparison of the cysts of four species of Sarcocystis infecting the domestic reindeer (Rangifer tarandus) in northern Norway. Gjerde B. **Acta Vet Scand** 1984;25(2):195-204

Sarcocystis hardangeri and Sarcocystis rangi n. sp. from the domestic reindeer (Rangifer tarandus) in northern Norway. Gjerde B. **Acta Vet Scand** 1984;25(3):411-8

Sarcocystis encephalitis in a cockatiel. Jacobson ER, et al. **J Am Vet Med Assoc** 1984 Oct 15;185(8):904-6

Description of Sarcocystis falcatula stiles, 1893, a parasite of birds and opossums. Box ED, et al. **J Protozool** 1984 Nov;31(4):521-4

Structure, isolation, and protein composition of the pellicle of Sarcocystis muris cystozoites (Protozoa, Coccidia). Chbouki N, et al. **J Protozool** 1985 Feb;32(1):54-8

Morphology of Sarcocystis gigantea in experimentally-infected sheep. Munday BL, et al. **Vet Parasitol** 1984 Nov;16(3-4):193-9

Light and electron microscope study of Sarcocystis sp. from the fallow deer (Cervus dama). Entzeroth R, et al. **Z Parasitenkd** 1985;71(1):33-9

Ultrastructure of the cysts of Sarcocystis grueneri from cardiac muscle of reindeer (Rangifer tarandus tarandus). Gjerde B. **Z Parasitenkd** 1985;71(2):189-98

[Oocysts beside sarcocysts in the muscles of an Antarctic seal] Odening K. **Angew Parasitol** 1984 Nov;25(4):214–6 **(Ger)**

SARCOSPORIDIOSIS

VETERINARY

Comparison of the structure of Sarcocystis cuniculi of the European rabbit (Oryctolagus cuniculus) and Sarcocystis leporum of the cottontail rabbit (Sylvilagus floridanus) by light and electron microscopy. Elwasila M, et al. **Acta Vet Hung** 1984;32(1–2):71–8

The fox as a definitive host for Sarcocystis rangi from reindeer (Rangifer tarandus tarandus). Gjerde B. **Acta Vet Scand** 1985;26(1):140–2

A light microscopic comparison of the cysts of four species of Sarcocystis infecting the domestic reindeer (Rangifer tarandus) in northern Norway. Gjerde B. **Acta Vet Scand** 1984;25(2):195–204

Sarcocystis infection in wild reindeer (Rangifer tarandus) from Hardangervidda in southern Norway: with a description of the cysts of Sarcocystis hardangeri n. sp. Gjerde B. **Acta Vet Scand** 1984;25(2):205–12

The domestic reindeer (Rangifer tarandus) from northern Norway as intermediate host for three species of Sarcocystis. Gjerde B, et al. **Acta Vet Scand** 1984; 25(2):187–94

The raccoon dog (Nyctereutes procyonoides) as definitive host for Sarcocystis spp. of reindeer (Rangifer tarandus). Gjerde B. **Acta Vet Scand** 1984;25(3):419–24

Sarcocystis hardangeri and Sarcocystis rangi n. sp. from the domestic reindeer (Rangifer tarandus) in northern Norway. Gjerde B. **Acta Vet Scand** 1984;25(3):411–8

The fox as definitive host for Sarcocystis sp. Gjerde, 1984 from skeletal muscle of reindeer (Rangifer tarandus). With a proposal for Sarcocystis tarandivulpes n. sp. as replacement name. Gjerde B. **Acta Vet Scand** 1984; 25(3):403–10

Protozoal myeloencephalitis in horses in California. Dorr TE, et al. **J Am Vet Med Assoc** 1984 Oct 1;185(7):801–2

Sarcocystis encephalitis in a cockatiel. Jacobson ER, et al. **J Am Vet Med Assoc** 1984 Oct 15;185(8):904–6

Description of Sarcocystis falcatula stiles, 1893, a parasite of birds and opossums. Box ED, et al. **J Protozool** 1984 Nov;31(4):521–4

Protective immunity to Sarcocystis capracanis-induced abortion in dairy goats. Dubey JP. **J Protozool** 1984 Nov; 31(4):553–5

Prevalence and ultrastructure of three types of Sarcocystis in mule deer, Odocoileus hemionus (Rafinesque), in Montana. Dubey JP, et al. **J Wildl Dis** 1985 Jul; 21(3):219–28

Prevalence of Sarcocystis in food animals in the Sudan. Hussein HS, et al. **Trop Anim Health Prod** 1985 May; 17(2):100–1

Attempted immunization of swine against acute sarcocystosis using cystozoite-derived vaccines. O'Donoghue PJ, et al. **Vet Immunol Immunopathol** 1985 Jan;8(1–2):83–92

Biochemistry of the sarcocyst of Sarcocystis fusiformis of buffalo Bubalus bubalis. Chaudhry RK, et al. **Vet Parasitol** 1985 Apr;17(4):295–8

Protective immunity against clinical sarcocystosis in cattle. Fayer R, et al. **Vet Parasitol** 1984 Sep;15(3–4):187–201

Sarcocystis sp. in guanaco (Lama guanicoe) and effect of temperature on its viability. Gorman TR, et al. **Vet Parasitol** 1984 Aug;15(2):95–101

Sarcocystis infection in pigs of Hissar, Haryana, India and its transmission to dogs. Gupta SL, et al. **Vet Parasitol** 1984 Oct;16(1–2):1–3

Demonstration of viable Sarcocystis sporocysts in the faeces of a lamb dosed orally. Munday BL. **Vet Parasitol** 1985 Apr;17(4):355–7

The effect of Sarcocystis tenella on wool growth in sheep. Munday BL. **Vet Parasitol** 1984 Aug;15(2):91–4

Development and growth of Sarcocystis gigantea in experimentally-infected sheep. Munday BL, et al. **Vet Parasitol** 1984 Sep;15(3–4):203–11

Morphology of Sarcocystis gigantea in experimentally-infected sheep. Munday BL, et al. **Vet Parasitol** 1984 Nov;16(3–4):193–9

Class-specific antibody responses in pigs following immunization and challenge with sporocysts of Sarcocystis miescheriana. Weyreter H, et al. **Vet Parasitol** 1984 Nov; 16(3–4):201–5

Prevalence of equine sarcocystis in British horses and a comparison of two detection methods. Edwards GT. **Vet Rec** 1984 Sep 15;115(11):265–7

Presumptive protozoan (sarcocystis) encephalomyelitis with paresis in lambs. Stubbings DP, et al. **Vet Rec** 1985 Apr 6;116(14):373–4

Light and electron microscope study of Sarcocystis sp. from the fallow deer (Cervus dama). Entzeroth R, et al. **Z Parasitenkd** 1985;71(1):33–9

[Development of sarcocystosis in experimentally infected calves] Nevole M, et al. **Vet Med (Praha)** 1985 Jan; 30(1):29–35 (Eng. Abstr.) **(Cze)**

[The epizootiology and control of sarcocystosis in swine] Rommel M, et al. **Angew Parasitol** 1985 Mar;26(1):39–42 **(Ger)**

[The development of Sarcocystis arieticanis n. sp.] Heydorn AO. **Berl Munch Tierarztl Wochenschr** 1985 Jul 1; 98(7):231–41 (Eng. Abstr.) **(Ger)**

[Persistence of Sarcocystis miescheriana cysts in the muscles of swine following a single or repeated infection] Schnieder T, et al. **Berl Munch Tierarztl Wochenschr** 1984 Oct 1; 97(10):356–9 (Eng. Abstr.) **(Ger)**

[Dynamics of antibody formation in swine following repeated immunization with sporocysts of Sarcocystis miescheriana and a single challenge infection] Zimmermann U, et al. **Berl Munch Tierarztl Wochenschr** 1984 Nov 1; 97(11):408–11 (Eng. Abstr.) **(Ger)**

[Acute sporidiosis in cattle. A case of clinically natural meningoencephalitis caused by Sarcocystis cruzi in a bull] Takla M. **Tierarztl Prax** 1984;12(2):167–72 **(Ger)**

[Clinical signs, enzyme activity and antibody formation in experimental sarcosporidia infections of horses] Schnieder T, et al. **Zentralbl Veterinarmed [B]** 1985 Jan;32(1):29–39 (Eng. Abstr.) **(Ger)**

SARIN see under **ORGANOPHOSPHORUS COMPOUNDS**

SARKOLYSIN see **MELPHALAN**

SATELLITE COMMUNICATIONS see **TELECOMMUNICATIONS**

SATELLITE DNA see **DNA, SATELLITE**

SATELLITE VIRUSES

Viral satellites: parasitic nucleic acids capable of modulating disease expression. Kaper JM, et al. **Endeavour** 1984; 8(4):194–200

ANALYSIS

Structure of satellite tobacco necrosis virus after crystallographic refinement at 2.5 A resolution. Jones TA, et al. **J Mol Biol** 1984 Aug 25;177(4):735–67

PATHOGENICITY

Developmental and molecular aspects of nephroblastomas induced by avian myeloblastosis-associated virus 2-O. Böni-Schnetzler M, et al. **J Virol** 1985 Jul;55(1):213–22

SATIATION

Level of satiety: GABA and pentose shunt activities in three brain sites associated with feeding. Kasser TR, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):R453–8

Level of satiety: fatty acid and glucose metabolism in three brain sites associated with feeding. Kasser TR, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):R447–52

Elevated postprandial insulin levels do not induce satiety in normal-weight humans. Woo R, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R745–9

Food-conditioned eating preferences and aversions with interoceptive elements: conditioned appetites and satieties. Booth DA. **Ann NY Acad Sci** 1985;443:22–41

Conditioned food aversions and satiety signals. Kulkosky PJ. **Ann NY Acad Sci** 1985;443:330–47

A case of auditory hallucination treated by satiation. Glaister B. **Behav Res Ther** 1985;23(2):213–5

Satiation in the treatment of inappropriate fire setting. Wolff R. **J Behav Ther Exp Psychiatry** 1984 Dec;15(4):337–40

Holling's 'hungry mantid' model for the invertebrate functional response considered as a Markov process. III. Stable satiation distribution. Heijmans HJ. **J Math Biol** 1984;21(2):115–43

Intracerebroventricular injection of ostrich beta-endorphin to satiated pigeons induces hyperphagia but not hyperdipsia. Deviche P, et al. **Peptides (Fayetteville)** 1984 Jul–Aug;5(4):691–4

Endogenous histidyl-proline diketopiperazine [cyclo (His-Pro)]: a potential satiety neuropeptide in normal and genetically obese rodents. Wilber JF, et al. **Trans Assoc Am Physicians** 1983;96:131–6

DRUG EFFECTS

Effects of pancreatic polypeptide, caerulein, and bombesin on satiety in obese mice. Taylor IL, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G277–80

The satiety effect of cholecystokinin. Recent progress and current problems. Smith GP, et al. **Ann NY Acad Sci** 1985; 448:417–23 (48 ref.)

Satiety effects of cholecystokinin and ceruletide in lean and obese man. Stacher G. **Ann NY Acad Sci** 1985;448:431–6

Ineffectiveness of cholecystokinin in impairing runway performance. Cox JE, et al. **Behav Brain Res** 1984 Oct; 14(1):41–50

The satiety effect of growth hormone-releasing factor in rats. Imaki T, et al. **Brain Res** 1985 Aug 5;340(1):186–8

Sham feeding, flavor associations and diet self-selection as indicators of feeding satiety or aversive effects of peptide hormones. Vanderweele DA, et al. **Brain Res Bull** 1985 Jun;14(6):529–35

Effects of intraventricular injections of gamma-aminobutyric acid and related substances on feeding behavior in satiated sheep. Seoane JR, et al. **Can J Physiol Pharmacol** 1984 Oct;62(10):1296–9

An antiemetic is antidotal to the satiety effects of cholecystokinin. Moore BO, et al. **Nature** 1985 May 23–29; 315(6017):321–2

Ceruletide acts in the abdomen, not in the brain, to produce satiety. Smith GP, et al. **Peptides (Fayetteville)** 1984 Nov–Dec;5(6):1149–57

Hypothalamic involvement in the locomotor stimulant or satiety action of thyrotropin-releasing hormone and amphetamine. Shian LR, et al. **Pharmacology** 1985; 30(5):259–65

Learned aversion to mannitol in water-deprived rats. Bardos G, et al. **Physiol Behav** 1984 Oct;33(4):533–6

The anorectic effect of satietin is unrelated to carbohydrate metabolism. Gyarmati S, et al. **Physiol Behav** 1985 Feb; 34(2):167–70

Dissociation of epinephrine's hyperglycemic and anorectic effect. Langhans W, et al. **Physiol Behav** 1985 Mar; 34(3):457–63

Ventricular, paraventricular and circumventricular structures involved in peptide-induced satiety. Willis GL, et al. **Regul Pept** 1984 Sep;9(1–2):87–99

PHYSIOLOGY

Hepatic handling of pancreatic glucagon and glucose during meals in rats. Langhans W, et al. **Am J Physiol** 1984 Nov; 247(5 Pt 2):R827–32

Central nervous system cholecystokinin and the control of feeding. Baile CA, et al. **Ann NY Acad Sci** 1985;448:424–30 (42 ref.)

Hunger and palatability: tracking ratings of subjective experience before, during and after the consumption of preferred and less preferred food. Hill AJ, et al. **Appetite** 1984 Dec;5(4):361–71

Pleasantness changes and food intake in a varied four-course meal. Rolls BJ, et al. **Appetite** 1984 Dec;5(4):337–48

Satiety. Kissileff HR. **ASDC J Dent Child** 1984 Sep–Oct; 51(5):386–9

Satiety: an ecological perspective. Collier GH. **Brain Res Bull** 1985 Jun;14(6):693–700 (29 ref.)

Visceral factors in the control of food intake. Stricker EM, et al. **Brain Res Bull** 1985 Jun;14(6):687–92 (52 ref.)

Role of sensory input in the control of food intake. Fantino M. **J Auton Nerv Syst** 1984 May–Jun;10(3–4):347–58

Brain-gut neuropeptides and the limitation of ethanol consumption. Kulkosky PJ. **Neurosci Biobehav Rev** 1985 Summer;9(2):179–90 (212 ref.)

Biological bases of hunger and satiety: therapeutic implications. Stricker EM. **Nutr Rev** 1984 Oct; 42(10):333–40 (40 ref.)

Behavioral correlates of oral and postingestive satiety in the rat. Kushner LR, et al. **Physiol Behav** 1984 Nov;33(5):713–8

'De-satiation' produced by liquid diet in rats satiated for glucose solution. Mook DG, et al. **Physiol Behav** 1984 May; 32(5):876–7

Sensitivity to satiating and taste qualities of glucose in obese Zucker rats. Young JK, et al. **Physiol Behav** 1985 Mar; 34(3):415–21

Peptide-catecholamine interaction: feeding and satiety. Myers RD. **Psychopharmacol Bull** 1985;21(3):406–11

[Satiation mechanism] Scharrer E. **Z Ernahrungswiss** 1984 Dec;23(4):241–54 (Eng. Abstr.) **(Ger)**

[Functional changes in the hypothalamic nuclei and limbic system structures during fasting and satiety in small ruminants] Bazanova NU, et al. **Fiziol Zh SSSR** 1985 Apr; 71(4):413–7 (Eng. Abstr.) **(Rus)**

SATIETY RESPONSE see under **SATIATION**

SAUNA see **BATHS, FINNISH**

SAXITOXIN

ADVERSE EFFECTS

Functional disorders in the peripheral neuromuscular system induced by gonyautoxins in rabbits. Taba N, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):473–7

ANALOGS & DERIVATIVES

Arrhythmic and hypotensive actions of gonyautoxins in rabbits. Katsuda S, et al. **Nippon Juigaku Zasshi** 1984 Oct; 46(5):753–6

ANALYSIS

A competitive displacement assay to detect saxitoxin and tetrodotoxin. Davio SR, et al. **Anal Biochem** 1984 Aug 15; 141(1):199–204

Indirect enzyme-linked immunosorbent assay for saxitoxin in shellfish. Chu FS, et al. **J Assoc Off Anal Chem** 1985 Jan–Feb;68(1):13–6

METABOLISM

Saxitoxin binding and 'fast' sodium channel inhibition in sheep heart plasma membrane. Doyle DD, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):H328–36

Changes in the ratio of two separate toxin binding sites on the sodium channel protein during rat brain development. Baumgold J. **Brain Res** 1985 Jan;349(1–2):271–4

Structural determinants of the affinity of saxitoxin for neuronal sodium channels. Electrophysiological studies on frog peripheral nerve. Strichartz G. **J Gen Physiol** 1984 Aug;84(2):281–305

On the binding of labelled saxitoxin to the squid giant axon.

Keynes RD, et al. **Proc R Soc Lond [Biol]** 1984 Aug 22; 222(1227):147–53

PHARMACODYNAMICS

Two subtypes of sodium channel with tetrodotoxin sensitivity and insensitivity detected in denervated mammalian skeletal muscle. Rogart RB, et al. **Brain Res** 1985 Mar 11; 329(1–2):314–8

Voltage-dependent blockade of muscle Na+ channels by guanidinium toxins. Moczydlowski E, et al. **J Gen Physiol** 1984 Nov;84(5):687–704

Effect of various cations and anions on the action of tetrodotoxin and saxitoxin on frog myelinated nerve fibers. Grissmer S. **Pflugers Arch** 1984 Dec;402(4):353–9

TOXICITY

Seasonal persistence of resting cyst toxicity in the dinoflagellate Gonyaulax tamarensis var. excavata. Selvin RC, et al. **Toxicon** 1984;22(5):817–20

SC 19220 see under **DIBENZOXAZEPINES**

SCABIES

Subungual scabies [letter] Scher RK. **J Am Acad Dermatol** 1985 Mar;12(3):577–8

Scabies and lice. Gurevitch AW. **Pediatr Clin North Am** 1985 Aug;32(4):987–1018 (51 ref.)

COMPLICATIONS

Scabietic leucocytoclastic vasculitis with focal glomerulonephritis. Menné T, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):445–7

Infantile acropustulosis and antecedent scabies [letter] Elpern DJ. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):895–6

DIAGNOSIS

Norwegian scabies in Australian Aborigines. Gogna NK, et al. **Med J Aust** 1985 Jan 21;142(2):140–2

Norwegian-type scabies mimicking contact dermatitis in an immunosuppressed patient. Wolf R, et al. **Postgrad Med** 1985 Jul;78(1):228–30

ETIOLOGY

Crusted (Norwegian) scabies with adult T-cell leukemia. Suzumiya J, et al. **Arch Dermatol** 1985 Jul;121(7):903–4

Hyperkeratotic (Norwegian) scabies and onychomycosis in an immunosuppressed patient. Van Neste D, et al. **Dermatologica** 1985;170(3):142–4

IMMUNOLOGY

Serum IgE antibodies to the scabies mite. Dahl JC, et al. **Int J Dermatol** 1985 Jun;24(5):313–5

[The immunohistopathologic findings of Norwegian scabies by means of the PAP method] Hayashi M, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Mar;95(4):509–12 **(Jpn)**

MICROBIOLOGY

The bacteriology of skin sores in Goroka children. Bowness P, et al. **Papua New Guinea Med J** 1984 Jun;27(2):83–7

OCCURRENCE

Pseudouremic pruritus: a scabies epidemic in a dialysis unit. Lempert KD, et al. **Am J Kidney Dis** 1985 Feb;5(2):117–9

An epidemic of scabies with unusual features and treatment resistance in a nursing home. Moberg SA, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):242–4

[Epidemiological survey of scabies in Jingman County, Hubei Province] Zeng FM. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Aug; 5(4):226–8 (Eng. Abstr.) **(Chi)**

[Scabies 1982] Anusz Z. **Przegl Epidemiol** 1984;38(2):231–4 **(Pol)**

PARASITOLOGY

[New data on the life cycle of Sarcoptes scabiei de Geer, its association with clinical manifestations and improved methods of diagnosing scabies] Lange AB, et al. **Vestn Dermatol Venerol** 1984 Dec;(12):22–9 (Eng. Abstr.) **(Rus)**

PATHOLOGY

[Clinical picture in scabies: comparison of the clinical description found in the literature with 179 patients examined] Carlos Gerbase A, et al. **Med Cutan Ibero Lat Am** 1984;12(6):513–8 (Eng. Abstr.) **(Por)**

[A case of Norwegian scabies] Sokolova TV. **Vestn Dermatol Venerol** 1985 Jun;(6):59–63 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Modern aspects of scabies. Orkin M, et al. **Curr Probl Dermatol** 1985;13:109–27 (47 ref.)

Survival and infectivity of Sarcoptes scabiei var. canis and var. hominis. Arlian LG, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):210–5

PREVENTION & CONTROL

Eradication of scabies with a single treatment schedule [letter] Behl PN. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):117–8

VETERINARY

Efficacy of ivermectin against the mange mite Sarcoptes scabiei var suis in pigs. Alva-Valdes R, et al. **Am J Vet Res** 1984 Oct;45(10):2113–4

Diagnostic exercise.Mange due to Sarcoptes scabiei. Lin SL, et al. **Lab Anim Sci** 1984 Aug;34(4):353–5

Clinical evaluation of amitraz for treatment of canine scabies. Folz SD, et al. **Mod Vet Pract** 1984 Aug;65(8):597–600

Experimental infection of red foxes (Vulpes vulpes) with Sarcoptes scabiei var. vulpes. Mörner T, et al. **Vet Parasitol** 1984 Aug;15(2):159–64

Detection of serum antibodies to sarcoptic mange mite antigens by the passive hemagglutination assay in pigs infested with Sarcoptes scabiei var. suis. Wooten EL, et al. **Vet Parasitol** 1984 Sep;15(3–4):309–16

Hemagglutinating factor in an extract of Sarcoptes scabiei var. suis (De Geer). Wooten EL, et al. **Vet Parasitol** 1984 Sep;15(3–4):317–23

SCALA TYMPANI see under **COCHLEA**

SCALENUS ANTICUS SYNDROME see **THORACIC OUTLET SYNDROME**

SCALING, DENTAL see under **DENTAL PROPHYLAXIS**

SCALP

Sinus pericranii with dural venous lakes. Beers GJ, et al. **AJNR** 1984 Sep–Oct;5(5):629–31

Auditory brain stem potentials recorded at different scalp locations in neonates and adults. McPherson DL, et al. **Ann Otol Rhinol Laryngol** 1985 May–Jun;94(3):236–43

Pott's puffy tumor. A clinical marker for osteomyelitis of the skull. Koch SE, et al. **Arch Dermatol** 1985 Apr; 121(4):548–9

Metastasizing eccrine porocarcinoma developing in a sebaceous nevus of Jadassohn. Report of a case. Tarkhan II, et al. **Arch Dermatol** 1985 Mar;121(3):413–5

Meningioma of the scalp. Light and electron microscopic observations. Nochomovitz LE, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):92–5

Malignant angiosarcoma of the scalp: a case report with immunohistochemical studies. Newton JA, et al. **Br J Dermatol** 1985 Jan;112(1):97–105

Astrocytoma following scalp radiotherapy in infancy. Zochodne DW, et al. **Can J Neurol Sci** 1984 Nov; 11(4):475–8

Fibrodysplasia ossificans progressiva presenting as fibrous scalp nodules. McFarland GS, et al. **Cleve Clin Q** 1984 Fall;51(3):549–52

A variant of encephalomeningocele: heterotopic brain tissue on the scalp. Tanii T, et al. **Dermatologica** 1984; 169(6):354–8

Cutaneous angiosarcoma in a site of healed herpes zoster. Hudson CP, et al. **Int J Dermatol** 1984 Jul–Aug;23(6):404–7

Tubular apocrine adenoma with perineural invasion. Burket JM, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):639–42

Metamorphosis of dermal cylindroma: possible relation to malignant transformation. Case report of cutaneous cylindroma with direct intracranial invasion. Urbanski SJ, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):188–95

Hemorrhagic nerve sheath tumors (plexiform neurofibromas) of the scalp: CT findings. Nanni D, et al. **J Comput Assist Tomogr** 1985 Mar–Apr;9(2):272–4

Basaloid follicular hamartoma: three cases with localized and systematized unilateral lesions. Mehregan AH, et al. **J Cutan Pathol** 1985 Feb;12(1):55–65

Blue naevus associated with trichoepithelioma: a report of two cases. Newton JA, et al. **J Cutan Pathol** 1984 Dec; 11(6):549–52

Cutaneous meningioma. Serwatka LM, et al. **J Dermatol Surg Oncol** 1984 Nov;10(11):896–900

Childhood malignant nevus giganticus. Mitra S, et al. **J Indian Med Assoc** 1984 Sep;82(9):335–6, 339

Delayed cerebral pseudo-tumoral radionecrosis following scalp-tumour irradiation. Case report and review of literature. Vallee B, et al. **J Neurol** 1984;231(3):135–40

Solitary congenital fibromatosis of the scalp: a case report. Fraser GC, et al. **J Pediatr Surg** 1985 Jun;20(3):221–3

Scalp metastases as the initial presentation of malignant fibrous histiocytoma. Chen KT. **J Surg Oncol** 1984 Nov; 27(3):179–80

Scalp meningioma: case report. Altinörs N, et al. **Neurosurgery** 1985 Mar;16(3):379–80

[Malignant eccrine poromas. Ultrastructural study of 2 cases] Vilmer C, et al. **Ann Dermatol Venereol** 1985;112(1):67–71 **(Fre)**

[Eccrine spiradenoma] Eich N, et al. **Hautarzt** 1985 Apr; 36(4):240–1 (Eng. Abstr.) **(Ger)**

[Pneumatic cold cap for the prevention of doxorubicin-induced alopecia] Samonigg H, et al. **Wien Med Wochenschr** 1984 Nov 15;134(21):467–70 (Eng. Abstr.) **(Ger)**

[Microvascularized scapular skin flap for covering a continuous lesion of the scalp] Gaspari AL, et al. **Minerva Chir** 1984 May 31;39(10):825–30 (Eng. Abstr.) **(Ita)**

[Six cases of angiosarcoma of the scalp] Ikegawa S, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Mar;95(4):437–45 **(Jpn)**

[A case of erythroleukemia with skin involvement] Mizukoshi N, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Apr; 95(5):585–90 **(Jpn)**

[Cases of malignant neoplasms of soft tissues of the scalp] Polis L, et al. **Neurol Neurochir Pol** 1984 Nov–Dec; 18(6):599–604 (Eng. Abstr.) **(Pol)**

[Malignant melanoma in a child with extensive vascular nevus] Krieger AM. **Patol Pol** 1984 Jul–Sep;35(3):397–402 (Eng. Abstr.) **(Pol)**

ABNORMALITIES

Aplasia cutis congenita associated with valvular heart disease. Paltzik RL, et al. **Cutis** 1985 Jul;36(1):57–8

Scalp defect associated with postaxial polydactyly: confirmation of a distinct entity with autosomal dominant inheritance. Buttiëns M, et al. **Hum Genet** 1985;71(1):86–8

Aplasia cutis congenita of the scalp: delayed closure complicated by massive hemorrhage. Glasson DW, et al. **Plast Reconstr Surg** 1985 Mar;75(3):423–5

BLOOD SUPPLY

Arteriovenous fistula after hair transplantation. Lanzieri CF, et al. **AJNR** 1985 Jan–Feb;6(1):111–2

Occipital arteriovenous fistulae. Mikalov A, et al. **Head Neck Surg** 1985 Jan–Feb;7(3):246–8

Postoperative (pressure) alopecia. Wiles JC, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):195–8

Unusual vascular tumour of the scalp in association with lymphoid aggregates: a variant of angiolymphoid hyperplasia? Dawson J, et al. **J Cutan Pathol** 1984 Dec; 11(6):506–12

Minoxidil stimulates cutaneous blood flow in human balding scalps: pharmacodynamics measured by laser Doppler velocimetry and photopulse plethysmography. Wester RC, et al. **J Invest Dermatol** 1984 May;82(5):515–7

Traumatic arteriovenous fistula of the scalp—report of two cases and review of the literature in Japan. Shinoda J, et al. **Neurol Med Chir (Tokyo)** 1985 Jan;25(1):55–60

INJURIES

Scalp changes after fetal monitoring. Ashkenazi S, et al. **Arch Dis Child** 1985 Mar;60(3):267–9

Use of autogenous omentum for grafting electrical injury affecting the scalp and skull. Sun YH, et al. **Burns Incl Therm Inj** 1985 Apr;11(4):289–92

Microsurgical replantation of the scalp. Nahai F, et al. **J Trauma** 1985 Sep;25(9):897–902

Halo scalp ring: a form of localized scalp injury associated with caput succedaneum. Neal PR, et al. **Pediatr Dermatol** 1984 Jul;2(1):52–4

Injuries causing major loss of scalp. Feierabend TC, et al. **Plast Reconstr Surg** 1985 Aug;76(2):189–94

[Determination of the age of subcutaneous hematomas in the soft tissue covering the skull] Hottmar P. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(5):493–9 (Eng. Abstr.) **(Cze)**

[Free cutaneo-muscular plasty in deep burns of the calvaria] Vikhriev BS, et al. **Khirurgiia (Mosk)** 1985 May;(5):43–5 (Eng. Abstr.) **(Rus)**

[Means of filling in extensive defects with cutaneous-subcutaneous-fascial flaps on a Filatov pedicle] Dmitriev GI, et al. **Vestn Khir** 1985 Jan;134(1):111–5 (Eng. Abstr.) **(Rus)**

INNERVATION

A sequential representation of the occiput, arm, forearm and hand across the rostrocaudal dimension of areas 1, 2 and 5 in macaque monkeys. Pons TP, et al. **Brain Res** 1985 Jun 3;335(2):350–3

METABOLISM

Percutaneous penetration of hair dyes. Wolfram LJ, et al. **Arch Dermatol Res** 1985;277(3):235–41

Hypothesis relating catecholamine release to changes in electrode pH during fetal scalp monitoring [letter] Kost GJ. **Obstet Gynecol** 1984 Oct;64(4):597–8

[Oxidation-reduction potential of soft tissues of the fetal head in labor complicated by intrauterine hypoxia and late toxicosis of pregnancy] Grishchenko VI, et al. **Akush Ginekol (Mosk)** 1985 May;(5):35–7 (Eng. Abstr.) **(Rus)**

PARASITOLOGY

Head-lice infestations and their treatment. Mutavdzic A. **S Afr Med J** 1984 Dec 15;66(24):923–4

PATHOLOGY

Apocrine cystadenoma arising in a nevus sebaceus of Jadassohn. Campbell JP, et al. **Cutis** 1984 Nov;34(5):510–2

Localized pemphigus vulgaris. Yagi A, et al. **J Dermatol (Tokyo)** 1985 Apr;12(2):198–200

Pilar tumor of the scalp. Chait GE, et al. **Otolaryngol Head Neck Surg** 1985 Feb;93(1):116–9

Cerebriform intradermal nevus. Lasser AE.

Pediatr Dermatol 1983 Jul;1(1):42-4

[Spinocellular cancer at the site of chronic discoid lupus erythematosus] Heider L, et al. **Hautarzt** 1984 Sep; 35(9):464-7 (Eng. Abstr.) **(Ger)**

[Importance of the proliferating trichilemmal cyst] Hödl S, et al. **Hautarzt** 1984 Dec;35(12):640-4 (Eng. Abstr.) **(Ger)**

[Trichoadenoma (Nikolowski). A clinical and histologic case report] Undeutsch W, et al. **Hautarzt** 1984 Dec; 35(12):650-2 (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

Horizontal scalp distribution of steady-state pattern visual evoked cortical potentials in response to quadrant field stimulation. Kakisu Y. **Doc Ophthalmol** 1985 Feb; 59(2):167-73

Scalp distributions of event-related potentials: an ambiguity associated with analysis of variance models. McCarthy G, et al. **Electroencephalogr Clin Neurophysiol** 1985 May; 62(3):203-8

SURGERY

Essential primary cutis verticis gyrata. Treatment with the scalp reduction procedure. Garden JM, et al. **Arch Dermatol** 1984 Nov;120(11):1480-3

Scalp reduction surgery [editorial] Stegman SJ. **Arch Dermatol** 1984 Nov;120(11):1439-40

The morbidity of bicoronal flaps in maxillofacial surgery. Shepherd DE, et al. **Br J Oral Maxillofac Surg** 1985 Feb; 23(1):1-8

Penetrating Marjolin's ulcer of scalp involving bone and dura mater treated by wide excision and direct application of a split-skin graft on the brain: a 10-year follow-up. Maillard GF, et al. **Br J Plast Surg** 1984 Oct;37(4):463-7

A modified halo frame to assist omentum transfer to the scalp. Sandow MJ, et al. **Br J Plast Surg** 1985 Apr;38(2):288-91

Skin cover after petrosectomy. Stell PM. **Clin Otolaryngol** 1985 Apr;10(2):109-12

Combined surgical treatment of male pattern alopecia. Roenigk HH Jr. **Cutis** 1985 Jun;35(6):570-7

Hair transplantation for male pattern baldness: aesthetic considerations and current status. Ayres S 3d. **Head Neck Surg** 1985 Mar-Apr;7(4):272-85

Scalp flaps—reconstruction of the unfavorable result in hair replacement surgery. Fleming RW, et al. **Head Neck Surg** 1985 Mar-Apr;7(4):315-31

Repair of sequelae from artificial fiber hair implants with hair-bearing punch grafting. Monell CM. **Head Neck Surg** 1985 Mar-Apr;7(4):332-5

Surgical refinements of the hairline in hair transplant surgery. Resnik SS. **Head Neck Surg** 1985 Mar-Apr;7(4):312-4

Midline alopecia reduction combined with hair transplantation. Unger MG, et al. **Head Neck Surg** 1985 Mar-Apr;7(4):303-11

How to avoid the principal complication of scalp reduction in the management of extensive alopecia. Frechet P. **J Dermatol Surg Oncol** 1985 Jun;11(6):637-40

Punch grafting the crown and vertex. Goldman PM. **J Dermatol Surg Oncol** 1985 Feb;11(2):138-41

Alopecia reduction by scalp expansion. Manders EK, et al. **J Dermatol Surg Oncol** 1984 Dec;10(12):967-9

Scalp kinetics in multiple excisions for correction of male pattern baldness. Nordström RE. **J Dermatol Surg Oncol** 1984 Dec;10(12):991-5

Possible use of the Radovan tissue expander in hair replacement surgery. Pierce HE. **J Dermatol Surg Oncol** 1985 Apr;11(4):413-7

The benefit of donor-site closure in hair transplantation. Sturm H. **J Dermatol Surg Oncol** 1984 Dec;10(12):987-90

The Y-shaped pattern of alopecia reduction and its variations. Unger MG. **J Dermatol Surg Oncol** 1984 Dec; 10(12):980-6

The use of the latissimus dorsi muscle flap for posterior scalp defects. Narula AA, et al. **J Laryngol Otol** 1985 Jul; 99(7):693-9

Cosmetic repair of chronic head restraint defects. Fanton JW. **J Med Primatol** 1985;14(1):29-34

Carbon dioxide laser in scalp tumor surgery. Sacchini V, et al. **Lasers Surg Med** 1984;4(3):261-9

Refinements of the subcutaneous pedicle flap for closure of forehead and scalp defects. Hallock GG, et al. **Plast Reconstr Surg** 1985 Jun;75(6):903-5

Aesthetic scalp flap surgery [letter] Kabaker SS. **Plast Reconstr Surg** 1985 Jul;76(1):159-60

Scalp stretching with a tissue expander for closure of scalp defects. Nordström RE, et al. **Plast Reconstr Surg** 1985 Apr;75(4):578-81

[Kinetics of the scalp in reduction operations for male alopecia] Nordstrom RE. **Ann Chir Plast Esthet** 1984; 29(3):292-6 (Eng. Abstr.) **(Fre)**

[Reconstruction of the large scalp defect by free flap transplantation] Kubota J, et al. **No Shinkei Geka** 1984 Jun; 12(7):849-54 (Eng. Abstr.) **(Jpn)**

TRANSPLANTATION

The crane principle revisited: application in the reconstruction of compound frontal defects. Wolfe SA. **Ann Plast Surg** 1984 Oct;13(4):327-34

Partial thickness scalp grafts: clinical experience of their use in resurfacing facial defects. Finucan T, et al. **Br J Plast Surg** 1984 Oct;37(4):468-71

Hair transplantation with microsurgical free scalp flap. Ohmori K. **J Dermatol Surg Oncol** 1984 Dec;10(12):974-8

Surgical treatment for frontal baldness: the long temporal vertical flap. Nataf J. **Plast Reconstr Surg** 1984 Nov; 74(5):628-35

[Repair of a scarring alopecia defect with a single-pedicled scalp flap] Zhang JQ, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Apr;23(4):236-8, 255 (Eng. Abstr.) **(Chi)**

ULTRASTRUCTURE

[Malignant hemangioendothelioma of the head in the elderly. Ultrastructural and immunohistological study] Kanitakis J, et al. **Ann Dermatol Venereol** 1985;112(5):441-51 (Eng. Abstr.) **(Fre)**

SCALP DERMATOSES

Diseases of hairy skin. Jorda V. **Curr Probl Dermatol** 1984; 12:185-223 (0 ref.)

Scales in the balance: dandruff reconsidered [editorial] **Lancet** 1985 Sep 28;2(8457):703-4

CHEMICALLY INDUCED

Contact allergy related to TEA-PEG-3 cocamide sulfate and cocamidopropyl betaine in a shampoo. Andersen KE, et al. **Contact Dermatitis** 1984 Sep;11(3):192-3

Zinc pyrithione (Zinc Omadine) allergy. Brandrup F, et al. **Contact Dermatitis** 1985 Jan;12(1):50

Alopecia and drug eruption of the scalp associated with a new beta-blocker, nadolol. Shelley ED, et al. **Cutis** 1985 Feb;35(2):148-9

COMPLICATIONS

Localized Darier's disease of the scalp complicated by Trichophyton tonsurans infection. Wheeland RG, et al. **Arch Dermatol** 1985 Jul;121(7):905-7

Cutaneous angiosarcoma in a site of healed herpes zoster. Hudson CP, et al. **Int J Dermatol** 1984 Jul-Aug;23(6):404-7

[A case of '18p syndrome' associated with a recurrent impetigo of the scalp. Clinical, cytogenetic and immunopathologic study] Cappugi P, et al. **G Ital Dermatol Venereol** 1984 Sep-Oct;119(5):327-31 (Eng. Abstr.) **(Ita)**

DIAGNOSIS

Cutis verticis gyrata in a neonate. Hsieh HL, et al. **Pediatr Dermatol** 1983 Oct;1(2):153-6

[Erosive pustular dermatosis of the scalp. A new entity or a variant of pyoderma vegetans] Bahmer FA. **Z Hautkr** 1985 Mar 15;60(6):517-8, 523-6 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

Perifolliculitis capitis abscedens et suffodiens (Hoffman). Complete healing associated with oral zinc therapy. Berne B, et al. **Arch Dermatol** 1985 Aug;121(8):1028-30

Controlled comparison of Clinitar Shampoo and Selsun Shampoo in the treatment of seborrhoeic dermatitis of the scalp. Fredriksson T. **Br J Clin Pract** 1985 Jan;39(1):25-8

The response of seborrhoeic dermatitis to ketoconazole. Ford GP, et al. **Br J Dermatol** 1984 Nov;111(5):603-7

The effects of a shampoo containing zinc pyrithione on the control of dandruff. Marks R, et al. **Br J Dermatol** 1985 Apr;112(4):415-22

[Treatment of scalp psoriasis. A new dexamethasone preparation in a double-blind trial with hydrocortisone-17-butyrate] Lassus A, et al. **Schweiz Rundsch Med Prax** 1985 Apr 9;74(15):382-3 (Eng. Abstr.) **(Ger)**

[Evaluation of the efficacy of and tolerance of betamethasone 17,21 dipropionate and salicylic acid in dermatoses of the scalp] Bosco G. **G Ital Dermatol Venereol** 1985 Mar-Apr; 120(2):XXV-XXVII (Eng. Abstr.) **(Ita)**

[Insecticide resistance in pediculosis of the scalp] Kucirka S, et al. **Przegl Dermatol** 1984 Mar-Apr;71(2):165-9 (21 ref.) **(Pol)**

ETIOLOGY

Pityrosporum orbiculare—a pathogenic factor in atopic dermatitis of the face, scalp and neck? Waersted A, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:146-8

Paraffinomas of the scalp. Klein JA, et al. **Arch Dermatol** 1985 Mar;121(3):382-5

Scalp changes after fetal monitoring. Ashkenazi S, et al. **Arch Dis Child** 1985 Mar;60(3):267-9

Occult eccrine sweat duct hamartoma and cicatricial scalp alopecia. Trozak DJ, et al. **Cutis** 1984 Nov;34(5):475-7

Multiple pyogenic granuloma-like lesions following hair transplantation. Sarnoff DS, et al. **J Dermatol Surg Oncol** 1985 Jan;11(1):32-4

Microsporum canis infection of the scalp in an adult [letter] Edwards S, et al. **NZ Med J** 1985 Feb 13;98(772):74

[Scalp infection caused by B-streptococci in a newborn infant following internal cardiotocography] Handrick W, et al. **Zentralbl Gynakol** 1984;106(23):1544-6 (Eng. Abstr.) **(Ger)**

[Local post-traumatic sarcoid reaction] Bekker GM. **Sov Med** 1984;(7):112 **(Rus)**

FAMILIAL & GENETIC

Chronic blepharitis and pyoderma of the scalp: an immune deficiency state in a father and son with hypercupremia and decreased intracellular killing. Wheeland RG, et al. **Pediatr Dermatol** 1983 Oct;1(2):134-42

MICROBIOLOGY

[Cutaneous pustulosis caused by Candida albicans and endophthalmitis in a patient addicted to heroin (letter)] Pinilla Moraza J, et al. **Med Clin (Barc)** 1984 Oct 27; 83(13):557 **(Spa)**

PATHOLOGY

Ulcerating papulosquamous eruption and constipation in a 75-year-old man. Rivera MA, et al. **Arch Dermatol** 1985 May;121(5):674-8

An unusual defect resembling pili bifurcati [letter] Sala F, et al. **Arch Dermatol** 1985 Jun;121(6):718

Localized pemphigus vulgaris. Yagi A, et al. **J Dermatol (Tokyo)** 1985 Apr;12(2):198-200

Eosinophilic pustular folliculitis in infancy. Lucky AW, et al. **Pediatr Dermatol** 1984 Jan;1(3):202-6

[Alopecia in vulgar psoriasis of the scalp. A clinical and histologic report] Siemund J. **Dermatol Monatsschr** 1985; 171(1):50-7 (Eng. Abstr.) **(Ger)**

[A case of congenital defect of the scalp and skull] Di Giuseppe A, et al. **Pediatr Med Chir** 1984 Sep-Oct; 6(5):713-7 (Eng. Abstr.) **(Ita)**

SURGERY

Essential primary cutis verticis gyrata. Treatment with the scalp reduction procedure. Garden JM, et al. **Arch Dermatol** 1984 Nov;120(11):1480-3

SCANDIUM

ANALYSIS

[Industrial hygiene in scandium oxide manufacture] Feigin BG. **Gig Tr Prof Zabol** 1985 Apr;(4):39-40 **(Rus)**

DIAGNOSTIC USE

Blood flow in rabbit osteotomies studied with radioactive microspheres. Aalto K, et al. **Acta Orthop Scand** 1984 Dec; 55(6):637-9

METABOLISM

Stability, targeting, and biodistribution of scandium-46- and gallium-67-labeled monoclonal antibody in erythroleukemic mice. Anderson WT, et al. **Cancer Res** 1985 May;45(5):2154-8

SCANNING, RADIOISOTOPE see **RADIONUCLIDE IMAGING**

SCAPEGOATING see under **DISPLACEMENT (PSYCHOLOGY)**

SCAPULA

A new scapula retractor for posterolateral thoracotomy. Peleg H. **Ann Thorac Surg** 1984 Nov;38(5):535

Intratendinous tear of the supraspinatus tendon exhibiting winging of the scapula. A case report. Tamai K, et al. **Clin Orthop** 1985 Apr;(194):159-63

[Scapula alata induced by karate] Bjerrum L. **Ugeskr Laeger** 1984 Jul 2;146(27):2022 (Eng. Abstr.) **(Dan)**

[The washboard phenomenon of the shoulder-blade] Salomons W, et al. **Ned Tijdschr Geneeskd** 1985 Jun 1; 129(22):1049-50 (Eng. Abstr.) **(Dut)**

[Insurance expert evaluation of patients with paralysis of the anterior serratus muscle] Stoutjesdijk HJ. **Ned Tijdschr Geneeskd** 1985 Mar 16;129(11):508-11 (Eng. Abstr.) **(Dut)**

[Paralysis of the serratus anterior muscle] Vastamäki M. **Duodecim** 1985;101(10):969-76 (Eng. Abstr.) **(Fin)**

[Bilateral osteochondritis of the nucleus of accessory ossification of the acromion] Leo A. **Chir Organi Mov** 1982-83;68(4-6):819-22 (Eng. Abstr.) **(Ita)**

[Primary tumors of the thoracic wall in children. Description of 8 cases] Castello MA, et al. **Minerva Pediatr** 1984 Nov 15;36(21):1075-82 (Eng. Abstr.) **(Ita)**

[Malignant histiocytosis] Zakhariia EA, et al. **Vrach Delo** 1985 May;(5):77-9 **(Rus)**

ABNORMALITIES

Carpal coalition and Sprengel's shoulder in Poland's syndrome. Hadley MD. **J Hand Surg [Br]** 1985 Jun; 10(2):253-5

Accessory bone at the insertion of the levator scapulae muscle in a Sprengel deformity. Gallien R. **J Pediatr Orthop** 1985 May-Jun;5(3):352-3

[Lowering of the scapula by the Woodward method] Zwierzchowski H. **Chir Narzadow Ruchu Ortop Pol** 1984; 49(1):37-41 (Eng. Abstr.) **(Pol)**

[Case of Sprengel's deformity associated with Klippel-Feil syndrome] Gumkowska-Kamińska B, et al. **Pol Tyg Lek** 1984 Jul 30;39(31):1045-6 (Eng. Abstr.) **(Pol)**

BLOOD SUPPLY

[Observations on the anatomical distribution of blood vessels of the scapula] Zhu YB. **Chung Hua Wai Ko Tsa Chih** 1984 Aug;22(8):474-5 **(Chi)**

INJURIES

Experimental osteosynthesis with liquid ethyl cyanacrylate polymerized with ultrasound. Forssell H, et al. **Arch Orthop Trauma Surg** 1984;103(4):278-83

Unusual exercise-related stress fractures. Two case reports. Fink-Bennett DM, et al. **Clin Nucl Med** 1984 Aug; 9(8):430-4

CT diagnosis of fracture of the coracoid process of the scapula. Kopecky KK, et al. **Comput Radiol** 1984 Sep-Oct; 8(5):325-7

Injuries of the shoulder and arm. Szalay EA, et al. **Emerg Med Clin North Am** 1984 May;2(2):279-94 (8 ref.)

The operative treatment of scapular fractures. Hardegger FH, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):725-31

[Recent fractures of the scapula. Apropos of 43 cases] Gagey O, et al. **Rev Chir Orthop** 1984;70(6):443-7 (Eng. Abstr.) **(Fre)**

[Accidental origin of the incisura scapulae syndrome] Gyulai M, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1985; 28(1):39-41 (Eng. Abstr.) **(Hun)**

INNERVATION

[Various characteristics of the internal structure of the suprascapular nerve in man] Urbanowicz Z. **Ann Univ Mariae Curie Sklodowska [Med]** 1982;37:259-65 (Eng. Abstr.) **(Pol)**

RADIOGRAPHY

The cephaloscapular projection. A special diagnostic aid. Oppenheim WL, et al. **Clin Orthop** 1985 May;(195):191-3

Liposarcoma involving the scapula. Wilinsky J, et al. **J Comput Tomogr** 1984 Oct;8(4):341-3

SURGERY

Acromioplasty for impingement syndrome. Thorling J, et al. **Acta Orthop Scand** 1985 Apr;56(2):147-8

Shoulder impingement syndrome in athletes treated by an anterior acromioplasty. Tibone JE, et al. **Clin Orthop** 1985 Sep;(198):134-40

The coracoid transfer for recurrent anterior instability of the shoulder in adolescents. Barry TP, et al. **J Bone Joint Surg [Am]** 1985 Mar;67(3):383-7

[Surgical treatment of chondrosarcoma of the shoulder girdle and pelvic bone with preservation of limb function (report of 3 cases)] Kułakowski A, et al. **Nowotwory** 1984 Jul-Sep; 34(3):283-9 (Eng. Abstr.) **(Pol)**

[Interscapular-thoracic resection in tumors of the scapula and proximal part of the humerus] Makhson NE, et al. **Sov Med** 1984;(8):22-7 (Eng. Abstr.) **(Rus)**

[Remote results of the surgical treatment of tumors of the scapula] Kulish NI, et al. **Vestn Khir** 1984 Nov;133(11):81-2 **(Rus)**

[Injuries of the supraspinatus muscle within the structure of humeroscapular periarthroses and their surgical treatment] Abdrakhmanov AZh, et al. **Zh Nevropatol Psikhiatr** 1984; 84(8):1163-8 (Eng. Abstr.) **(Rus)**

TRANSPLANTATION

Mandible reconstruction with the trapezius osteomusculocutaneous flap. Panje WR. **Arch Otolaryngol** 1985 Apr;111(4):223-9

SCARLET FEVER

COMPLICATIONS

[Scarlet fever, a not always innocent childhood disease] van Aalderen WM, et al. **Ned Tijdschr Geneeskd** 1984 Sep 1; 128(35):1649-51 **(Dut)**

[Autoimmune hemolytic anemia after scarlet fever] Cabezuelo-Huerta G, et al. **An Esp Pediatr** 1985 Feb; 22(2):164-5 **(Spa)**

ETIOLOGY

Lymphangitis and scarlet fever after finger injury from a computer game. Walker E. **J R Coll Gen Pract** 1984 Dec; 34(269):688

MICROBIOLOGY

The production of pyrogenic exotoxins by group A streptococci. Hallas G. **J Hyg (Lond)** 1985 Aug;95(1):47-57

OCCURRENCE

[Scarlet fever 1982] Adonajło A. **Przegl Epidemiol** 1984; 38(2):109-13 **(Pol)**

SCARPA'S GANGLION see **VESTIBULAR NERVE**

SCARS see **CICATRIX**

SCATTERING, RADIATION

see related
NEPHELOMETRY AND TURBIDIMETRY

Radiation exposure due to scatter in neonatal radiographic procedures. Sabau MN, et al. **AJR** 1985 Apr;144(4):811-4

Particle counting by laser light scatter for capillary hydrodynamic chromatography. Zarrin F, et al. **Anal Chem** 1985 Aug;57(9):1826-9

Light scattering and correlation measurement. Johnson P. **Biochem Soc Trans** 1984 Aug;12(4):623-5

The application of perpendicular and forward light scatter to assess nuclear and cellular morphology. Benson MC, et al. **Cytometry** 1984 Sep;5(5):515-22

Effects of straylight on visual acuity in pseudophakia. van der Heijde GL, et al. **Doc Ophthalmol** 1985 Jan 31; 59(1):81-4

Compton imaging. Holt RS. **Endeavour** 1985;9(2):97-105

Relative density measurements in a simple lung phantom by Compton backscatter. Wolf EA, et al. **Int J Appl Radiat Isot** 1985 Feb;36(2):97-102

A theory of diffuse light scattering by lungs. Butler JP, et al. **J Appl Physiol** 1985 Jan;58(1):89-96

Light scattering by lungs correlates with stereological measurements. Suzuki S, et al. **J Appl Physiol** 1985 Jan; 58(1):97-104

Correction of anomalous covariance functions in low-angle quasi-elastic light scattering. Stelzer KJ, et al. **J Biochem Biophys Methods** 1984 Nov;10(1-2):69-81

Contribution of differential scattering of circularly polarized light to the optical rotatory dispersion of a sample. Bustamante C. **J Opt Soc Am [A]** 1984 Nov;1(11):1114-9

Ellipsometry of the human retina in vivo: preservation of polarization. van Blokland GJ. **J Opt Soc Am [A]** 1985 Jan;2(1):72-5

Physical characteristics of scattered radiation in diagnostic radiology: Monte Carlo simulation studies. Chan HP, et al. **Med Phys** 1985 Mar-Apr;12(2):152-65

Performance of antiscatter grids in diagnostic radiology: experimental measurements and Monte Carlo simulation studies. Chan HP, et al. **Med Phys** 1985 Jul-Aug; 12(4):449-54

A large-angle coherent/Compton scattering method for measurement in vitro of trabecular bone mineral concentration. Gigante GE, et al. **Med Phys** 1985 May-Jun; 12(3):321-6

The determination of electron density by the dual-energy Compton scatter method. Huddleston AL, et al. **Med Phys** 1985 Jan-Feb;12(1):13-9

The differential scatter-air ratio and differential backscatter factor method combined with the density scaling theorem. Iwasaki A, et al. **Med Phys** 1984 Nov-Dec;11(6):755-63

Second-order multiple-scattering theory for charged-particle teletherapy beams. Jette D. **Med Phys** 1985 Mar-Apr;12(2):178-82

Quantitative assessment of bone mineral by photon scattering: calibration considerations. Leichter I, et al. **Med Phys** 1985 Jul-Aug;12(4):466-8

Quantitative assessment of bone mineral by photon scattering: accuracy and precision considerations. Shukla SS, et al. **Med Phys** 1985 Jul-Aug;12(4):447-8

Scatter integration with right triangular fields. Siddon RL, et al. **Med Phys** 1985 Mar-Apr;12(2):229-31

Scatter rejection by air gaps: an empirical model. Sorenson JA, et al. **Med Phys** 1985 May-Jun;12(3):308-16

Photon scattering in biomedically important elements. Bradley DA, et al. **Phys Med Biol** 1984 Nov;29(11):1385-97

Backscattering from dental restorations and splint materials during therapeutic radiation. Farman AG, et al. **Radiology** 1985 Aug;156(2):523-6

[Features of level gauging by means of 252Cf neutron scattering technique] Aoyama K, et al. **Radioisotopes** 1984 Sep;33(9):639-42 **(Jpn)**

[Analysis of aerosols for light elements by forward alpha scattering technique] Matsuda Y, et al. **Radioisotopes** 1984 Jul;33(7):437-43 (Eng. Abstr.) **(Jpn)**

INSTRUMENTATION

Separation and characterisation of light scattering transients from rod outer segments of vertebrate photoreceptors: design and performance of a Multi Angle Flash Photolysis Apparatus (MAFPA). Uhl R, et al. **J Biochem Biophys Methods** 1985 May;11(1):31-43

SCENT GLANDS see under **EXOCRINE GLANDS**

SCHAMBERG'S DISEASE see under **PIGMENTATION DISORDERS**

SCHAUMANN'S DISEASE see **SARCOIDOSIS**

SCHEDULES, PATIENT see **APPOINTMENTS AND SCHEDULES**

SCHEUERMANN'S DISEASE

COMPLICATIONS

Combined idiopathic kyphosis and scoliosis. An analysis of the lateral spinal curvatures associated with Scheuermann's disease. Deacon P, et al. **J Bone Joint Surg [Br]** 1985 Mar; 67(2):189-92

[Radiculo-medullary syndrome in Scheuermann's disease] Lesoin F, et al. **Rev Rhum Mal Osteoartic** 1985 Jan; 52(1):57-9 **(Fre)**

[Complications of Scheuermann's disease in the lumbosacral spine] Arct W. **Chir Narzadow Ruchu Ortop Pol** 1984; 49(1):65-70 (Eng. Abstr.) **(Pol)**

RADIOGRAPHY

Back pain and vertebral changes simulating Scheuermann's disease. Greene TL, et al. **J Pediatr Orthop** 1985 Jan-Feb; 5(1):1-7

The flat vertebra L5. Dysspondylia of the lower lumbar spine. Fried K. **Radiol Diagn (Berl)** 1984;25(3):301-6

SURGERY

[Results of operative treatment of Scheuermann disease] Heine J, et al. **Z Orthop** 1984 Nov-Dec;122(6):743-9 (Eng. Abstr.) **(Ger)**

THERAPY

[Scheuermann-May disease and its treatment] Tsiv'ian IaL. **Ortop Travmatol Protez** 1985 Jan;(1):64-8 **(Rus)**

SCHIFF BASES

Formation of Schiff base adduct between acetaldehyde and rat liver microsomal phosphatidylethanolamine. Kenney WC. **Alcoholism (NY)** 1984 Nov-Dec;8(6):551-5

Vibrational analysis of the all-trans retinal protonated Schiff base. Smith SO, et al. **Biophys J** 1985 May;47(5):653-64

PHARMACODYNAMICS

Optimization of the Schiff bases of N-hydroxy-N'-aminoguanidine as anticancer and antiviral agents. T'ang A, et al. **J Med Chem** 1985 Aug;28(8):1103-6

SCHILDER'S DISEASE see **ENCEPHALITIS PERIAXIALIS**

SCHILLING TEST

Schilling evaluation of pernicious anemia [letter] Smith JP, et al. **J Nucl Med** 1985 Sep;26(9):1099-100

[Megaloblastic anemia due to vitamin B 12 deficiency with normal Schilling test] Pines A, et al. **Harefuah** 1983 Jun; 104(11-12):511-3 (Eng. Abstr.) **(Heb)**

SCHISTOSOMA

[Comparison of the probability of detecting schistosome ova within the rectal wall by rectal microscopy] Sun R. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):163 **(Chi)**

ANATOMY & HISTOLOGY

[Terminal spine schistosomes of Senegal] Albaret JL, et al. **Ann Parasitol Hum Comp** 1984;59(5):527-8 **(Fre)**

CLASSIFICATION

Schistosoma curassoni Brumpt, 1931, a little known parasite from Senegal. Southgate VR, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):848-9

GENETICS

Probable hybridization between S. intercalatum and S. haematobium in western Gabun. Burchard GD, et al. **Trop Geogr Med** 1985 Jun;37(2):119-23

GROWTH & DEVELOPMENT

Aspects of the life cycle of Schistosoma margrebowiei infection in laboratory mammals. Ogbe MG. **Int J Parasitol** 1985 Apr;15(2):141-5

Bulinus tropicus from Central Kenya acting as a host for Schistosoma bovis. Southgate VR, et al. **Z Parasitenkd** 1985;71(1):61-9

IMMUNOLOGY

Enhancement of IgE-dependent eosinophil cytotoxicity to dinitrophenylated schistosomula by a nematode infection. Kojima S, et al. **Int Arch Allergy Appl Immunol** 1985; 76(1):91-4

Avoiding the schistosome's tricks [news] Kolata G. **Science** 1985 Jan 18;227(4684):285-7

[Five-year seroepidemiological survey in an area where schistosomiasis was basically eradicated] Li YH, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):136-9 (Eng. Abstr.) **(Chi)**

ISOLATION & PURIFICATION

Bulinus tropicus, a natural intermediate host for Schistosoma margrebowiei in Lochinvar National Park, Zambia. Southgate VR, et al. **J Helminthol** 1985 Jun;59(2):153-5

Schistosoma leiperi Le Roux, 1955 from a Bushbuck in Uganda. Malek EA, et al. **J Parasitol** 1984 Oct;70(5):821-2

METABOLISM

Recent advances in schistosome biochemistry. Coles GC. **Parasitology** 1984 Dec;89 (Pt 3):603-37 (337 ref.)

PATHOGENICITY

Studies on fresh water snails, specific intermediate hosts for schistosomiasis--III. Isolation of total proteins from chemically pretreated snails. Nabih I, et al. **Cell Mol Biol** 1985;31(4):309-12

Experimental observations on the transmission of Schistosoma margrebowiei miracidia. Evans NA. **Int J Parasitol** 1985 Aug;15(4):361-4

Observations on the infectivity and fecundity of a Sudanese isolate of Schistosoma bovis in albino mice. Saad AM, et al. **J Helminthol** 1984 Sep;58(3):267-70

Effects of cercarial concentration and length of exposure on the infection of mice by Schistosoma japonicum and S. mekongi cercariae. Kruatrachue M, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun; 15(2):249-53

Effects of physico-chemical factors on the infection of mice with Schistosoma japonicum and S. mekongi cercariae. Upatham ES, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun; 15(2):254-60

PHYSIOLOGY

Bulinus tropicus (Krauss, 1848) from Kenya found naturally infected with Schistosoma bovis. Ouma JH, et al. **Ann Trop Med Parasitol** 1984 Jun;78(3):341-2

Is Planorbarius metidjensis compatible with Schistosoma haematobium and S. bovis? Southgate VR, et al. **Bull Soc Pathol Exot Filiales** 1984 Jul-Aug;77(4):409-506

Study on Schistosoma sinensium in Fang district, Chiangmai province, Thailand. Baidikul V, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun; 15(2):141-7

Biology of Robertsiella kaporensis snails and Malaysian Schistosoma. Upatham ES, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar; 16(1):1-9

[Development of the sporocysts of Schistosoma bovis after microsurgical transplantation in Bulinus truncatus] Jourdane J, et al. **Ann Parasitol Hum Comp** 1984; 59(5):459-66 (Eng. Abstr.) **(Fre)**

RADIATION EFFECTS

Protection of sheep against Schistosoma bovis using cryopreserved radiation-attenuated schistosomula. James ER, et al. **J Helminthol** 1985 Mar;59(1):51-5

ULTRASTRUCTURE

Comparative scanning electron microscope (SEM) study of miracidia of four human schistosome species. Eklu-Natey DT, et al. **Int J Parasitol** 1985 Feb;15(1):33-42

Topography and ultrastructure of the tegument of adult Schistosoma mekongi. Sobhon P, et al. **Parasitology** 1984 Dec;89 (Pt 3):511-21

SEM studies on differential morphology between the adult Malaysian schistosome and Schistosoma japonicum. Phansri W, et al. **Southeast Asian J Trop Med Public Health** 1984 Dec; 15(4):525

SCHISTOSOMA HAEMATOBIUM

Schistosoma haematobium in Upper Egypt: analysis of dispersion patterns. Kitron UD, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):331-40

A tool at hand for the screening of Schistosoma haematobium infections. Rutasitara WK, et al. **East Afr Med J** 1984 Apr; 61(4):299-302

Bulinus wrighti, potential snail host for Schistosoma haematobium in northern Oman [letter] Brown DS, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):136-7

GENETICS

Probable hybridization between S. intercalatum and S. haematobium in western Gabun. Burchard GD, et al. **Trop Geogr Med** 1985 Jun;37(2):119-23

GROWTH & DEVELOPMENT

Schistosoma haematobium: neutral lipid composition and release by adults maintained in vitro. Haseeb MA, et al. **Comp Biochem Physiol [B]** 1985;81(1):43-5

The effect of diurnal fluctuating temperature on the development of S. haematobium in B. truncatus. Roushdy MZ. **J Egypt Soc Parasitol** 1984 Dec;14(2):507-14

IMMUNOLOGY

Precipitates found around Schistosoma haematobium eggs from human urine prior to circumoval precipitin test. Koech DK, et al. **Ann Trop Med Parasitol** 1984 Dec; 78(6):627-32

Schistosoma mansoni, S. haematobium, and S. japonicum: identification of genus- and species-specific antigenic egg glycoproteins. Norden AP, et al. **Exp Parasitol** 1984 Dec; 58(3):333-44

Comparison of an enzyme-linked immunosorbent assay using crude S. haematobium soluble egg antigen with a radioimmunoassay using purified S. mansoni egg antigen for the serodiagnosis of schistosomiasis haematobium. Stek M, et al. **J Trop Med Hyg** 1985 Feb;88(1):1-6

The schistosomulum surface antigens of Schistosoma haematobium. Simpson AJ, et al. **Parasitology** 1985 Jun;90 (Pt 3):499-508

ISOLATION & PURIFICATION

Studies on the ecology of Bulinus globosus, the intermediate host of Schistosoma haematobium in the Ifakara area, Tanzania. Marti HP, et al. **Acta Trop (Basel)** 1985 Jun; 42(2):171-87

METABOLISM

Schistosoma mansoni, S. japonicum, and S. haematobium: permeability to acidic amino acids and effect of separated and unseparated adults. Cornford EM. **Exp Parasitol** 1985 Jun;59(3):355-63

PHYSIOLOGY

Is Planorbarius metidjensis compatible with Schistosoma haematobium and S. bovis? Southgate VR, et al. **Bull Soc Pathol Exot Filiales** 1984 Jul-Aug;77(4):409-506

ULTRASTRUCTURE

Schistosoma haematobium: amoscanate and adult worm ultrastructure. Leitch B, et al. **Exp Parasitol** 1984 Dec; 58(3):278-89

SCHISTOSOMA JAPONICUM

Egg of Schistosoma japonicum in ascitic fluid [letter] Okuyama T, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug; 29(4):651-2

Taxonomy and susceptibilities of molluscan intermediate hosts of human Schistosoma in Southeast Asia. Kitikoon V. **Southeast Asian J Trop Med Public Health** 1984 Dec; 15(4):462-8

Population studies on Oncomelania quadrasi in the field. Makiya K, et al. **Southeast Asian J Trop Med Public Health** 1984 Dec; 15(4):526-9

The strain specificity of vaccination with ultra violet attenuated cercariae of the Chinese strain of Schistosoma japonicum. Moloney NA, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):245-7

ANALYSIS

Hemolytic factors in Schistosoma japonicum eggs. Asahi H, et al. **Infect Immun** 1984 Nov;46(2):514-8

Eosinophil and neutrophil chemotactic activities of adult worm extracts of Schistosoma japonicum in vivo and in vitro. Horii Y, et al. **J Parasitol** 1984 Dec;70(6):955-61

Characterization of the carbohydrates of Schistosoma japonicum adult worm, egg and cercaria by analysis of lectin binding and antibody reaction. Beisler GK, et al. **Jpn J Exp Med** 1984 Dec;54(6):263-73

Comparison of protein composition between schistosomula of Schistosoma japonicum and S. mansoni. Maeda S, et al. **Parasitology** 1984 Dec;89 (Pt 3):453-9

DRUG EFFECTS

Mechanism of action of praziquantel on the eggs of Schistosoma japonicum. Matsuda H, et al. **Jpn J Exp Med** 1983 Dec;53(6):271-4

Evidence for the mode of antischistosomal action of hycanthone. Cioli D, et al. **Life Sci** 1985 Jul 15;37(2):161-7

[Effect of artemether on the tegumental surface antigen of Schistosoma japonicum] Yue WJ, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):167-9 (Eng. Abstr.) **(Chi)**

[Effect of calcium, magnesium and temperature on praziquantel-induced tegument damage of the male Schistosoma japonicum] Xiao SH, et al. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar;6(1):59-63 (Eng. Abstr.) **(Chi)**

[Effects of antischistosomal drugs on the respiration and glycolysis of Schistosoma japonicum] Huang ZY, et al. **Yao Hsueh Hsueh Pao** 1984 Sep;19(9):651-5 (Eng. Abstr.) **(Chi)**

[Studies on the schistosomicidal mechanism of fluoroacetic acid] Huang ZY, et al. **Yao Hsueh Hsueh Pao** 1984 Apr; 19(4):256-60 (Eng. Abstr.) **(Chi)**

[Effect of immune serum on the male Schistosoma japonicum subjected to pyquiton] Xiao SH, et al. **Yao Hsueh Hsueh Pao** 1985 Jan;20(1):10-6 (Eng. Abstr.) **(Chi)**

ENZYMOLOGY

Schistosoma japonicum: biochemistry and cytochemistry of dipeptidyl aminopeptidase-II-like activity in adults. Kramer JD, et al. **Exp Parasitol** 1985 Oct;60(2):163-70

GENETICS

[Studies on the karyotype of Schistosoma japonicum] Gao LS, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1985;3(1):29-31 (Eng. Abstr.) **(Chi)**

GROWTH & DEVELOPMENT

In vitro transformation of Schistosoma japonicum miracidia to young sporocysts in a culture system for egg maturation. Kawanaka M, et al. **J Parasitol** 1985 Jun;71(3):368-70

Susceptibility of Oncomelania hupensis subspecies to infection with geographic strains of Schistosoma japonicum. Cross JH, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun; 15(2):155-60

[Comparative studies of the development of Schistosoma japonicum in hamsters, mice and rats] Schmid K, et al. **Berl Munch Tierarztl Wochenschr** 1985 Jan 1;98(1):25-7 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

In vitro and in vivo induction of neutrophil and eosinophil chemotactic responses by Schistosoma japonicum cercaria. Horii Y, et al. **Am J Trop Med Hyg** 1985 May;34(3):513-8

Seroepidemiology of schistosomiasis japonica by ELISA in the Philippines. II. Unreliability of stool examination in the measurement of incidence. Lewert RM, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):872-81

Comparison of four schistosome excretory-secretory antigens: phenol sulfuric test active peak, cathodic circulating antigen, gut-associated proteoglycan, and circulating anodic antigen. Nash TE, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):236-41

Schistosoma mansoni, S. haematobium, and S. japonicum: identification of genus- and species-specific antigenic egg glycoproteins. Norden AP, et al. **Exp Parasitol** 1984 Dec; 58(3):333-44

Schistosoma japonicum: identification and characterization of neutrophil chemotactic factors from egg antigen. Owhashi M, et al. **Exp Parasitol** 1985 Oct;60(2):229-38

Anti-worm antibody specificities in 129/J mice resistant to infection with Schistosoma japonicum. Mitchell GF, et al. **J Parasitol** 1984 Dec;70(6):983-5

Variations of titers of immunofluorescent antibody against cercaria, adult and egg antigens developed in rabbits infected with Schistosoma japonicum before and after treatment with praziquantel. Beisler GK, et al. **Jpn J Exp Med** 1984 Feb;54(1):17-22

Identity of antigens in adult tegument, gut, egg and cercaria of Schistosoma japonicum by immunofluorescent study. Beisler GK, et al. **Jpn J Exp Med** 1984 Jun;54(3):125-30

Antibody responses to the antigen Sj26 of Schistosoma japonicum worms that is recognized by genetically resistant 129/J mice. Mitchell GF, et al. **Parasite Immunol** 1985 Mar; 7(2):165-78

The induction of specific immunity against Schistosoma japonicum by exposure of mice to ultraviolet attenuated cercariae. Moloney NA, et al. **Parasitology** 1985 Apr;90 (Pt 2):313-23

Factors affecting the acquisition of resistance to Schistosoma japonicum in the mouse. II. Evidence that resistance to reinfection is not mediated by specific effector mechanisms. Moloney NA, et al. **Parasitology** 1984 Oct;89 (Pt 2):361-7

Application of formalin-fixed Schistosoma japonicum eggs to the circumoval precipitin test. Kamiya H, et al. **Z Parasitenkd** 1984;70(6):823-6

[Comparison of different methods of the circumoval precipitin test (COPT) for schistosomiasis japonica. Field evaluation of the COPT group] **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):129-32 (Eng. Abstr.) **(Chi)**

[Detection of Schistosoma japonicum antigens and antibodies by K-ELISA] Fu Q, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):144-6 (Eng. Abstr.) **(Chi)**

[Amino acid composition of antigens of Schistosoma japonicum eggs and the adult Schistosoma japonicum, Paragonimus westermani and Clonorchis sinensis] Lu ZL. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):199 **(Chi)**

[Studies on the microsomal antigens of Schistosoma japonicum. II. Extraction, fractionation and chemical and immunological properties of microsomal antigens of adult worms] Qiu LS, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):147-9 (Eng. Abstr.) **(Chi)**

[Preliminary study on monoclonal antibodies against Schistosoma japonicum] Yan ZZ, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):154-7 (Eng. Abstr.) **(Chi)**

[Isolation and preliminary analysis of surface membrane antigen from adult worm of Schistosoma japonicum] Yan ZZ, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Aug; 6(4):285-7 (Eng. Abstr.) **(Chi)**

ISOLATION & PURIFICATION

[Ectopic localization of adult Schistosoma japonicum in the kidney] Yang JS. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):132 **(Chi)**

METABOLISM

Schistosoma mansoni, S. japonicum, and S. haematobium: permeability to acidic amino acids and effect of separated and unseparated adults. Cornford EM. **Exp Parasitol** 1985 Jun;59(3):355-63

[Purine metabolism in Schistosoma japonicum] Chen GZ.

et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):245-8 (Eng. Abstr.) **(Chi)**

PATHOGENICITY

Effects of cercarial concentration and length of exposure on the infection of mice by Schistosoma japonicum and S. mekongi cercariae. Kruatrachue M, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun;15(2):249-53

Effects of physico-chemical factors on the infection of mice with Schistosoma japonicum and S. mekongi cercariae. Upatham ES, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun;15(2):254-60

PHYSIOLOGY

Transplantation of Schistosoma japonicum daughter sporocysts in Oncomelania hupensis. Jourdane J, et al. **J Parasitol** 1985 Apr;71(2):244-7

Factors affecting the acquisition of resistance to Schistosoma japonicum in the mouse. I. The correlation between egg deposition and worm elimination. Moloney NA, et al. **Parasitology** 1984 Oct;89 (Pt 2):345-60

ULTRASTRUCTURE

Ultrastructure of the daughter sporocyst and developing cercaria of Schistosoma japonicum in experimentally infected snails, Oncomelania hupensis hupensis. Göbel E, et al. **Z Parasitenkd** 1985;71(2):227-40

SCHISTOSOMA MANSONI

Cryopreservation of Schistosoma mansoni sporocysts. Cohen LM, et al. **J Parasitol** 1984 Aug;70(4):592

Focality and seasonality of Schistosoma mansoni transmission in the Gezira Irrigated Area, Sudan. Babiker A, et al. **J Trop Med Hyg** 1985 Apr;88(2):57-63

The adenylate nucleotide pool in the digestive gland-gonad complex of Biomphalaria glabrata infected by Schistosoma mansoni. Thompson SN, et al. **Mol Biochem Parasitol** 1984 Nov;13(3):323-31

[New foci of transmission of Schistosoma mansoni in the state of Pará] Paraense WL, et al. **Mem Inst Oswaldo Cruz** 1984 Jul-Sep;79(3):389-91 (Eng. Abstr.) **(Por)**

[Effect of the conditions for maintaining mollusks--intermediate hosts of the intestinal schistosome--on their productivity] Zelia OP. **Med Parazitol (Mosk)** 1985 May-Jun;(3):54-7 (Eng. Abstr.) **(Rus)**

ANALYSIS

Schistosoma mansoni: radiometric assay of lectin binding specificities of the major egg glycoprotein and its carbohydrate-rich fragment. Lustigman S, et al. **Exp Parasitol** 1985 Feb;59(1):59-67

Schistosoma mansoni: electron probe X-ray microanalysis of the elemental composition of the tegument and subtegumental tissues of adult worms. Shaw MK, et al. **Exp Parasitol** 1984 Oct;58(2):163-81

Phospholipids of cercariae and adult Schistosoma mansoni. Young BW, et al. **J Parasitol** 1984 Jun;70(3):447-8

Isolation and partial characterization of the tegumental outer membrane of schistosomula of Schistosoma mansoni. Levi-Schaffer F, et al. **Mol Biochem Parasitol** 1984 Nov;13(3):283-300

Comparison of protein composition between schistosomula of Schistosoma japonicum and S. mansoni. Maeda S, et al. **Parasitology** 1984 Dec;89 (Pt 3):453-9

[Evaluation and possible role of acetylcholine in Schistosoma mansoni (apropos of a biological assay)] Lafforgue JL, et al. **Agressologie** 1984 Sep;25(8):915-7 (Eng. Abstr.) **(Fre)**

ANATOMY & HISTOLOGY

[Morpho-anatomic and functional sectorization of Schistosoma mansoni daughter sporocysts] Fournier A, et al. **Z Parasitenkd** 1985;71(3):325-36 (Eng. Abstr.) **(Fre)**

CLASSIFICATION

Comparative study of Schistosoma mansoni isolated from patients with hepatosplenic and intestinal clinical forms of schistosomiasis. de Lima e Costa MF, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):918-23

CYTOLOGY

Human erythrocytes adhering to schistosomula of Schistosoma mansoni lyse and fail to transfer membrane components to the parasite. Caulfield JP, et al. **J Cell Biol** 1985 Jul;101(1):158-66

[Maintenance of a male and a female clone of Schistosoma mansoni by microsurgical transplantation of sporocysts. Reliability of the method] Jourdane J. **Ann Parasitol Hum Comp** 1984;59(4):361-7 (Eng. Abstr.) **(Fre)**

DRUG EFFECTS

Comparative toxicity of purified human eosinophil granule cationic proteins for schistosomula of Schistosoma mansoni. Ackerman SJ, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):735-45

Schistosoma mansoni: suramin and trypan blue in vitro and the ultrastructure of feeding schistosomules. Bogitsh BJ. **Exp Parasitol** 1985 Oct;60(2):155-62

Schistosoma mansoni: cercaricidal effect of 2-tetradecenoic acid, a penetration stimulant. Haas W. **Exp Parasitol** 1984 Oct;58(2):215-22

Schistosoma mansoni: effects of in vitro serotonin (5-HT) on aerobic and anaerobic carbohydrate metabolism. Rahman MS, et al. **Exp Parasitol** 1985 Aug;60(1):10-7

Effect of phosphonium salts and phosphoranes on the acetylcholinesterase activity and on the viability of Schistosoma mansoni parasites. Levi-Schaffer F, et al. **Int J Immunopharmacol** 1984;6(6):619-27

Effects of praziquantel on different developmental stages of Schistosoma mansoni in vitro and in vivo. Xiao SH, et al. **J Infect Dis** 1985 Jun;151(6):1130-7

Evidence for the mode of antischistosomal action of hycanthone. Cioli D, et al. **Life Sci** 1985 Jul 15;37(2):161-7

Action of tubercidin and other adenosine analogs on Schistosoma mansoni schistosomules. Dovey HF, et al. **Mol Biochem Parasitol** 1985 Aug;16(2):185-98

Induction of resistance to Schistosoma mansoni in mice by chemotherapy: migration of schistosomula in primary and challenge infections. Mastin AJ, et al. **Parasitology** 1985 Jun;90 (Pt 3):519-28

How anthelmintics help us to understand helminths. Vanden Bossche H. **Parasitology** 1985 Apr;90 (Pt 4):675-85

Synthesis of some tetrahydronaphthyl-1,2,4-triazines of possible schistosomicidal activity. Nabih I, et al. **Pharmazie** 1984 Dec;39(12):862-3

[Reversibility of the effects of general anesthetics on Schistosoma mansoni] Kilembe M, et al. **C R Soc Biol (Paris)** 1984;178(3):286-91 (Eng. Abstr.) **(Fre)**

ENZYMOLOGY

Acetylcholinesterase of Schistosoma mansoni. Molecular forms of the solubilized enzyme. Tarrab-Hazdai R, et al. **Biochim Biophys Acta** 1984 Oct 9;790(1):61-9

Schistosoma mansoni: degradation of host extracellular matrix by eggs and miracidia. Pino-Heiss S, et al. **Exp Parasitol** 1985 Apr;59(2):217-21

Purification and characterization of an elastinolytic proteinase secreted by cercariae of Schistosoma mansoni. McKerrow JH, et al. **J Biol Chem** 1985 Mar 25;260(6):3703-7

Enzymes of uridine 5'-monophosphate biosynthesis in Schistosoma mansoni. Iltzsch MH, et al. **Mol Biochem Parasitol** 1984 Jun;12(2):153-71

Purification and topographical location of tegumental alkaline phosphatase from adult Schistosoma mansoni. Payares G, et al. **Mol Biochem Parasitol** 1984 Nov;13(3):343-60

GENETICS

Evidence for host-induced selection in Schistosoma mansoni. LoVerde PT, et al. **J Parasitol** 1985 Jun;71(3):297-301

Organization of the ribosomal RNA genes in Schistosoma mansoni. van Keulen H, et al. **Mol Biochem Parasitol** 1985 May;15(2):215-30

[Selection of genotypes of Schistosoma mansoni and their maintenance by sporocyst transplantation] Imbert-Establet D, et al. **C R Acad Sci [III]** 1984;299(11):459-62 (Eng. Abstr.) **(Fre)**

GROWTH & DEVELOPMENT

Assessment of viability of Schistosoma mansoni miracidia by Congo red staining. Sung CK, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1178-81

Recovery of schistosomula of Schistosoma mansoni from mouse skin: involvement of mast cells and vasoactive amines. Gerken SE, et al. **Braz J Med Biol Res** 1984;17(3-4):301-7

Chronobiological aspects of the host-parasite relationships between Biomphalaria glabrata and Schistosoma mansoni: cercarial production and infectivity, and growth kinetics of the host. Théron A, et al. **J Invertebr Pathol** 1984 Sep;44(2):209-13

The life cycle of Schistosoma mansoni under germ free conditions. Bezerra M, et al. **J Parasitol** 1985 Aug;71(4):519-20

Completion of Schistosoma mansoni life cycle in thyroidectomized rats and effects of thyroid hormone replacement therapy. Knopf PM, et al. **J Parasitol** 1985 Aug;71(4):422-6

Early and late shedding patterns of Schistosoma mansoni cercariae: ecological significance in transmission to human and murine hosts. Théron A. **J Parasitol** 1984 Oct;70(5):652-5

Schistosoma mansoni (Gezira) infection in Biomphalaria pfeifferi snails from Gezira and Jebel Marra. Sulaiman SM, et al. **J Trop Med Hyg** 1985 Apr;88(2):91-3

Population dynamics of Schistosoma mansoni in mice repeatedly exposed to infection. Crombie JA, et al. **Nature** 1985 Jun 6-12;315(6019):491-3

Asynchronism in the development of daughter sporocysts of Schistosoma mansoni [letter] Valadares TE, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):710

The effect of Helisoma duryi on the cercarial production of Schistosoma mansoni-infected Biomphalaria alexandrina: evaluation of chemical interferences and direct competition. Madsen H. **Z Parasitenkd** 1985;71(1):71-7

[Factors responsible for preventing the carrying out of the Schistosoma mansoni cycle in the waters of Grande Terre of Guadeloupe (French Antilles)] Theron A, et al. **Ann Parasitol Hum Comp** 1985;60(2):155-64 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

Ultrastructure of the attack of eosinophils stimulated by blood mononuclear cell products on schistosomula of Schistosoma mansoni. Caulfield JP, et al. **Am J Pathol** 1985 Sep;120(3):380-90

A glycoprotein antigen of Schistosoma mansoni expressed on the gynecophoral canal of mature male worms. Aronstein WS, et al. **Am J Trop Med Hyg** 1985 May;34(3):508-12

A Schistosoma mansoni surface glycoprotein cross-reactive with a T1 antigen of Fasciola hepatica. Aronstein WS, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):889-97

Identification and characterization of a major Schistosoma mansoni glycoprotein antigen cross-reactive with Fasciola hepatica. Aronstein WS, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):879-88

Effect of a cryopreserved live vaccine on resistance in mice with a pre-existing Schistosoma mansoni infection. Lewis FA, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):341-5

Evidence against the existence of specific Schistosoma mansoni subpopulations which are resistant to irradiated vaccine-induced immunity. Lewis FA, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):86-91

Serodiagnosis of Schistosoma mansoni with microsomal adult worm antigen in an enzyme-linked immunosorbent assay using a standard curve developed with a reference serum pool. Maddison SE, et al. **Am J Trop Med Hyg** 1985 May;34(3):484-94

Comparison of four schistosome excretory-secretory antigens: phenol sulfuric test active peak, cathodic circulating antigen, gut-associated proteoglycan, and circulating anodic antigen. Nash TE, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):236-41

Identification of antigenic Schistosoma mansoni glycoproteins during the course of infection in mice and humans. Norden AP, et al. **Am J Trop Med Hyg** 1985 May;34(3):495-507

The responses to Schistosoma mansoni of infected mice and non-infected mice following parabiosis. I--Histological aspects. Fuks MA, et al. **An Microbiol (Rio De J)** 1982;27:129-38

The response to Schistosoma mansoni of infected mice and non-infected mice following parabiosis. II--Immunological aspects. Fuks MA, et al. **An Microbiol (Rio De J)** 1982;27:147-58

Enhancement of human eosinophil- and neutrophil-mediated killing of schistosomula of Schistosoma mansoni by reversed type (IgE-mediated) anaphylaxis, in vitro. Moqbel R, et al. **Clin Exp Immunol** 1985 Mar;59(3):577-86

Isolation, characterization and functional assessment of a hemagglutinin from the plasma of Biomphalaria glabrata, intermediate host of Schistosoma mansoni. Boswell CA, et al. **Dev Comp Immunol** 1984 Summer;8(3):559-68

The respiratory burst is not required for killing of intracellular and extracellular parasites by a lymphokine-activated macrophage cell line. Scott P, et al. **Eur J Immunol** 1985 Jun;15(6):553-8

Schistosoma mansoni: passive transfer of resistance by serum in the vector snail, Biomphalaria glabrata. Granath WO Jr, et al. **Exp Parasitol** 1984 Oct;58(2):188-93

Schistosoma mansoni, S. haematobium, and S. japonicum: identification of genus- and species-specific antigenic egg glycoproteins. Norden AP, et al. **Exp Parasitol** 1984 Dec;58(3):333-44

Schistosoma mansoni: immunoblot analysis of adult worm proteins. Ruppel A, et al. **Exp Parasitol** 1985 Oct;60(2):195-206

Improved methodology for the production of monoclonal antibodies against parasites. Appleby P, et al. **Immunol Lett** 1985;9(4):225-7

Schistosoma mansoni: cell-mediated immunity evaluated by antigen-induced leukocyte adherence inhibition assay. Nogueira-Machado JA, et al. **Immunol Lett** 1985;9(1):39-42

The T-cell mediated immune response to Schistosoma mansoni. I. Generation of stage-specific, MHC-restricted proliferative T-cell clones to soluble egg antigens. Mak NK, et al. **Immunology** 1985 Apr;54(4):625-33

Schistosoma mansoni: parasitology and immunology of baboons vaccinated with irradiated cryopreserved schistosomula. Damian RT, et al. **Int J Parasitol** 1985 Jun;15(3):333-44

The role of cercarial glycoproteins in immunization against mansoniasis infection of experimental animals. Salama MM, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):343-51

Pathology associated with vaccination against Schistosoma mansoni in mice using cryopreserved radiation-attenuated schistosomula. James ER, et al. **J Helminthol** 1985 Mar;59(1):57-60

Immunoprecipitation analysis of radiolabelled protein antigens biosynthesized in vitro by S. mansoni. I. Identification of antigens uniquely recognized by protective antibodies. Barker RH Jr, et al. **J Immunol** 1985 Feb;134(2):1192-201

Schistosoma mansoni: detection by monoclonal antibody of a 22,000-dalton surface membrane antigen which may be blocked by host molecules on lung stage parasites. Harn DA, et al. **J Immunol** 1985 Sep;135(3):2115-20

Protective monoclonal antibody against Schistosoma mansoni: antigen isolation, characterization, and suitability for active immunization. Hazdai RT, et al. **J Immunol** 1985 Oct;135(4):2772-9

Induction of protective immunity against Schistosoma mansoni by a nonliving vaccine is dependent on the method of antigen presentation. James SL. **J Immunol** 1985 Mar;134(3):1956-60

Characterization of Schistosoma mansoni antigen-reactive T cell clones that form granulomas in vitro. Lammie PJ, et al. **J Immunol** 1985 Jun;134(6):4170-5

Glycopeptides in soluble egg antigen of Schistosoma mansoni: isolation, characterization, and elucidation of their immunochemical and immunopathological relation to the major egg glycoprotein (MEG). Lustigman S, et al. **J Immunol** 1985 Mar;134(3):1961-7

Modulation of macrophage activation and resistance by suppressor T lymphocytes in chronic murine Schistosoma mansoni infection. Olds GR, et al. **J Immunol** 1984 Nov;133(5):2720-4

Specific Schistosoma mansoni rat T cell clones. I. Generation and functional analysis in vitro and in vivo. Pestel J, et al. **J Immunol** 1985 Jun;134(6):4132-9

The modulation of expression of polypeptide surface antigens on developing schistosomula of Schistosoma mansoni. Simpson AJ, et al. **J Immunol** 1984 Nov;133(5):2725-30

Characterization of developmentally regulated epitopes of Schistosoma mansoni egg glycoprotein antigens. Weiss JB, et al. **J Immunol** 1985 Aug;135(2):1421-9

Increased blastogenic responses to worm antigen and loss of adherent suppressor cell activity after treatment for human infection with Schistosoma mansoni. Ellner JJ, et al. **J Infect Dis** 1985 Feb;151(2):320-4

Gender-specific and pair-dependent glycoprotein antigens of Schistosoma mansoni. Aronstein WS, et al. **J Parasitol** 1984 Aug;70(4):545-57

Murine immunization by cesium-137 irradiation attenuated Schistosoma mansoni cercariae. Stek M Jr, et al. **J Parasitol** 1984 Jun;70(3):398-402

Identification of Schistosoma mansoni antigens by means of biologically active monoclonal antibodies. Horowitz S, et al. **Mol Biochem Parasitol** 1985 May;15(2):115-27

Translation of Schistosoma mansoni antigens in Xenopus oocytes microinjected with mRNA from adult worms. Pierce RJ, et al. **Mol Biochem Parasitol** 1985 May;15(2):171-88

Immune-recognition of Schistosoma mansoni primary sporocysts may require specific receptors on Biomphalaria glabrata hemocytes. Bayne CJ, et al. **Parasite Immunol** 1984 Nov;6(6):519-28

Factors affecting the levels of antibody- and complement-dependent eosinophil-mediated damage to schistosomula of Schistosoma mansoni in vitro. Butterworth AE, et al. **Parasite Immunol** 1985 Mar;7(2):119-31

The use of aldehydes to show a relationship between host and parasite antigens at the surface of adult male Schistosoma mansoni. Harnett W, et al. **Parasite Immunol** 1985 Jul;7(4):415-28

Site potential for challenge attrition in mice, rats and guinea pigs vaccinated with irradiated cercariae of Schistosoma mansoni. McLaren DJ, et al. **Parasite Immunol** 1985 Jan;7(1):29-44

Ultrastructural studies of the killing of schistosomula of Schistosoma mansoni by activated macrophages in vitro. McLaren DJ, et al. **Parasite Immunol** 1985 May;7(3):315-31

Antigenicity and immunogenicity of the tegumental outer membrane of adult Schistosoma mansoni. Payares G, et al. **Parasite Immunol** 1985 Jan;7(1):45-61

Antibody response against schistosomulum surface antigens and protective immunity following immunization with highly irradiated cercariae of Schistosoma mansoni. Simpson AJ, et al. **Parasite Immunol** 1985 Mar;7(2):133-52

Resistance against Schistosoma mansoni induced by highly irradiated infections: studies on species specificity of immunization and attempts to transfer resistance. Bickle QD, et al. **Parasitology** 1985 Apr;90 (Pt 2):301-12

Immunization of rats against Schistosoma mansoni using irradiated cercariae, lung schistosomula and liver-stage worms. Ford MJ, et al. **Parasitology** 1984 Oct;89 (Pt 2):327-44

Changes in the surface antigen profile of Schistosoma mansoni during maturation from cercaria to adult worm. Payares G, et al. **Parasitology** 1985 Aug;91 (Pt 1):83-99

Isolation and antigen analysis of surface tegument membranes from schistosomula of Schistosoma mansoni. Taylor DW, et al. **Parasitology** 1984 Dec;89 (Pt 3):495-510

IgG response of rats and humans to the released products of schistosomula of Schistosoma mansoni. Verwaerde C, et al. **Parasitology** 1985 Jun;90 (Pt 3):509-18

Vaccination against Schistosoma mansoni with purified surface antigens. Smith MA, et al. **Science** 1985 Feb 1;227(4686):535-8

The stage-, strain- and species-specificity of a Schistosoma mansoni egg antigen fraction (CEF6) with serodiagnostic potential. Dunne DW, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):460-70

Immunofluorescent localization of Schistosoma mansoni circulating cathodic antigen in tissues of infected mice using monoclonal antibody. Deelder AM, et al. **Z Parasitenkd** 1985;71(3):317-23

[Immunogenicity of secretion materials of the acetabular glands of Schistosoma mansoni cercariae] He YX, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):176-8 (Eng. Abstr.) **(Chi)**

[Immunofluorescence test of antibodies directed against antigens of the intestinal epithelium of Schistosoma mansoni. II. In the bilharziasis patient] Sauneron MF, et al. **Ann Parasitol Hum Comp** 1985;60(2):147-54 (Eng. Abstr.) **(Fre)**

[Role of eosinophils in the destruction of schistosomula of Schistosoma mansoni in vivo (preliminary report)] Andrade ZA, et al. **Mem Inst Oswaldo Cruz** 1984 Jul-Sep;79(3):371-3 (Eng. Abstr.) **(Por)**

ISOLATION & PURIFICATION

Ova of Schistosoma mansoni in urine [letter] Woldemichael T, et al. **Ethiop Med J** 1985 Jul;23(3):137-8

Recovery of young daughter sporocysts from snails infected with Schistosoma mansoni [letter] Pereira LH, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):563

[Distribution of Biomphalaria and the transmission of Schistosoma in the Ruzizi Valley, Burundi: preliminary study] Gryseels B. **Ann Soc Belg Med Trop** 1985;65(1):49-58 (Eng. Abstr.) **(Fre)**

METABOLISM

The effect of 5-thioglucose on the energy metabolism of Schistosoma mansoni in vitro. Tielens AG, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3369-73

Schistosoma mansoni: lectin-dependent cytotoxicity of hemocytes from susceptible host snails, Biomphalaria glabrata. Boswell CA, et al. **Exp Parasitol** 1985 Aug;60(1):133-8

Schistosoma mansoni, S. japonicum, and S. haematobium: permeability to acidic amino acids and effect of separated and unseparated adults. Cornford EM. **Exp Parasitol** 1985 Jun;59(3):355-63

Schistosoma mansoni: eicosanoid production by cercariae. Fusco AC, et al. **Exp Parasitol** 1985 Feb;59(1):44-50

Schistosoma mansoni: cercarial eicosanoid production and penetration response inhibited by esculetin and ibuprofen. Salafsky B, et al. **Exp Parasitol** 1985 Aug;60(1):73-81

Transmission electron microscopic observations on lipid release in Schistosoma mansoni maintained in vitro. Haseeb MA, et al. **Int J Parasitol** 1985 Feb;15(1):49-53

Role of granulocyte oxygen products in damage of Schistosoma mansoni eggs in vitro. Kazura JW, et al. **J Clin Invest** 1985 Apr;75(4):1297-307

Serotonin and distribution of radiocarbon from D-[14C-U]-glucose in Schistosoma mansoni. Rahman MS, et al. **J Parasitol** 1985 Aug;71(4):403-8

Serum factors affecting choline uptake and incorporation in Schistosoma mansoni adults. Young BW, et al. **J Parasitol** 1984 Dec;70(6):879-85

Hormonal and pharmacologic agents affecting choline uptake and incorporation in Schistosoma mansoni adults. Young BW, et al. **J Parasitol** 1984 Dec;70(6):931-6

Lectin binding to glycoproteins in the surface membrane of Schistosoma mansoni. MacGregor AN, et al. **Mol Biochem Parasitol** 1985 Aug;16(2):163-72

Schistosoma mansoni: effect of maintenance in vitro on the uptake and incorporation of leucine by adult worms. Mercer JG, et al. **Mol Biochem Parasitol** 1985 Jun;15(3):327-39

The interaction of human serum with the surface membrane of schistosomula of Schistosoma mansoni. Rumjanek FD, et al. **Mol Biochem Parasitol** 1985 Jan;14(1):63-73

Changes in glucose metabolism and cyanide sensitivity in Schistosoma mansoni during development. Thompson DP, et al. **Mol Biochem Parasitol** 1984 Sep;13(1):39-51

The energy production of the adult Schistosoma mansoni is for a large part aerobic. van Oordt BE, et al. **Mol Biochem Parasitol** 1985 Aug;16(2):117-26

Uptake and incorporation of choline by Schistosoma mansoni adults. Young BW, et al. **Mol Biochem Parasitol** 1985 May;15(2):105-14

PATHOGENICITY

The role of essential fatty acids and prostaglandins in cercarial penetration (Schistosoma mansoni). Salafsky B, et al. **J Parasitol** 1984 Oct;70(5):656-60

PHYSIOLOGY

Development and behavior of cultured Schistosoma mansoni fed on human erythrocyte ghosts. Basch PF. **Am J Trop Med Hyg** 1984 Sep;33(5):911-7

In vivo microscopy of schistosomiasis. IV. The dynamics of the host-parasite responses to Schistosoma mansoni in the hypodermal tissues as observed in transparent chambers in two susceptible hosts during primary and challenge infections. Bloch EH. **Am J Trop Med Hyg** 1984 Sep;33(5):899-910

Stimulation of Schistosoma mansoni oviposition in vitro by animal and human portal serum. Wu GY, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):750-3

Schistosoma mansoni: neurotransmitters and the mobility of cercariae and schistosomules. Ercoli N, et al. **Exp Parasitol** 1985 Apr;59(2):204-16

Schistosoma mansoni: differences in acetylcholine, dopamine, and serotonin control of circular and longitudinal parasite muscles. Pax RA, et al. **Exp Parasitol** 1984 Dec;58(3):314-24

Reproductive development of female Schistosoma mansoni (Digenea: Schistosomatidae) following bisexual pairing of worms and worm segments. Popiel I, et al. **J Exp Zool** 1984 Oct;232(1):141-50

Subclasses of rat IgG active in the killing of schistosomula of Schistosoma mansoni in vitro and in vivo. Horta MF, et al. **J Immunol** 1984 Dec;133(6):3326-32

Behavior of Schistosoma mansoni miracidia in gradients and in uniform concentrations of glucose. Plorin GG, et al. **J Parasitol** 1985 Feb;71(1):116

The role of prostaglandins in cercarial (Schistosoma mansoni) response to free fatty acids. Salafsky B, et al. **J Parasitol** 1984 Aug;70(4):584-91

Hatching, chemokinesis, and transformation of miracidia of Schistosoma mansoni. Samuelson JC, et al. **J Parasitol** 1984 Jun;70(3):321-31

Video microscopy of swimming and secreting cercariae of Schistosoma mansoni. Samuelson JC, et al. **J Parasitol** 1984 Dec;70(6):996-9

Comparison of the rhythmic emergence of Schistosoma mansoni cercariae from Biomphalaria glabrata in different lighting regimens. Williams CL, et al. **J Parasitol** 1984 Jun;70(3):450-2

The effect of cyclosporin A on the course of murine infection by Schistosoma mansoni. Nilsson LA, et al. **Parasite Immunol** 1985 Jan;7(1):19-27

Intergeneric reproductive stimulation and parthenogenesis in Schistosoma mansoni. Basch PF, et al. **Parasitology** 1984 Oct;89 (Pt 2):369-76

Schistosoma mansoni: effect of maintenance in vitro on the physiology and biochemistry of adult worms. Mercer JG, et al. **Parasitology** 1985 Apr;90 (Pt 2):339-49

Role of cellular and humoral components in the encapsulation response of Biomphalaria glabrata to Schistosoma mansoni sporocysts in vitro. LoVerde PT, et al. **Prog Clin Biol Res** 1984;157:17-29

Wound healing in the trematode Schistosoma. Popiel I, et al. **Tissue Cell** 1985;17(1):69-77

[Susceptibility of Biomphalaria tenagophila hybrids to the LE (BH) strain of Schistosoma mansoni] de Freitas JR, et al. **Rev Inst Med Trop Sao Paulo** 1985 Jan-Feb;27(1):6-12 (Eng. Abstr.) **(Por)**

[Susceptibility of Biomphalaria tenagophila from the State of São Paulo to infection by Schistosoma mansoni strains from the Baixada Maranhense (Maranhão, Brazil] Bastos O de C, et al. **Rev Saude Publica** 1984 Oct;18(5):355-8 (Eng. Abstr.) **(Por)**

ULTRASTRUCTURE

Schistosoma mansoni: visualization with fluorescent lectins of secretions and surface carbohydrates of living cercariae. Linder E. **Exp Parasitol** 1985 Jun;59(3):307-12

Schistosoma mansoni: ultrastructure of adults from mice treated with oxamniquine. Popiel I, et al. **Exp Parasitol** 1984 Dec;58(3):254-62

The cercarial glycocalyx of Schistosoma mansoni. Samuelson JC, et al. **J Cell Biol** 1985 May;100(5):1423-34

Schistosoma mansoni: an ultrastructural examination of skin migration in the hamster cheek pouch. Crabtree JE, et al. **Parasitology** 1985 Aug;91 (Pt 1):111-20

The formation of surface membrane vesicles from schistosomula of Schistosoma mansoni. Kusel JR, et al. **Parasitology** 1984 Dec;89 (Pt 3):483-94

An ultrastructural examination of irradiated, immunizing schistosomula of Schistosoma mansoni during their extended stay in the lungs. Mastin A, et al. **Parasitology** 1985 Aug;91 (Pt 1):101-10

SCHISTOSOMATIDAE

GROWTH & DEVELOPMENT

In vitro culture of intramolluscan stages of the avian schistosome Trichobilharzia ocellata. Mellink JJ, et al. **Z Parasitenkd** 1985;71(3):337-51

IMMUNOLOGY

Search for shared antigens in the schistosome-snail combination Trichobilharzia ocellata-Lymnaea stagnalis. van der Knaap WP, et al. **Z Parasitenkd** 1985;71(2):219-26

PHYSIOLOGY

Intergeneric reproductive stimulation and parthenogenesis in Schistosoma mansoni. Basch PF, et al. **Parasitology** 1984 Oct;89 (Pt 2):369-76

ULTRASTRUCTURE

Scanning electron microscope study of mature and immature worms of a Sanguinicola sp. (Digenea: Sanguinicolidae). Simon-Martin F, et al. **Ann Parasitol Hum Comp** 1984;59(4):353-60

SCHISTOSOMIASIS

Urinary schistosomiasis: a report of four cases and a review. Sheehan GJ, et al. **Can Med Assoc J** 1984 Dec 1;

131(11):1361–4

Role of schistosomiasis in the pathogenesis of glomerular disease in Zimbabweans. Seggie J. **Cent Afr J Med** 1984 Aug;30(8):141–3

Schistosomal glomerular disease (a review). Andrade ZA, et al. **Mem Inst Oswaldo Cruz** 1984 Oct–Dec;79(4):499–506 (42 ref.)

The kinetics of hepatosplenic schistosomiasis. Warren KS. **Semin Liver Dis** 1984 Nov;4(4):293–300 (53 ref.)

[Acute bilharzial cor pulmonale due to Schistosoma mansoni] Touze JE, et al. **Bull Soc Pathol Exot Filiales** 1984; 77(5):666–72 (Eng. Abstr.) **(Fre)**

[An unusual case of hematuria] Bertoli G. **Pediatr Med Chir** 1984 Sep–Oct;6(5):699–701 (Eng. Abstr.) **(Ita)**

BLOOD

Relationships of Schistosoma hematobium, hookworm and malarial infections and metrifonate treatment to hemoglobin level in Kenyan school children. Stephenson LS, et al. **Am J Trop Med Hyg** 1985 May;34(3):519–28

Granulocyte–macrophage colony–stimulating factor in the sera of Schistosoma japonicum–infected mice. Owhashi M, et al. **Infect Immun** 1985 Sep;49(3):533–7

Frequency–pulsed electron–capture gas–liquid chromatographic studies of chemical changes in sera of patients with schistosomiasis. Brooks JB, et al. **J Chromatogr** 1985 May 3;339(2):243–51

Prealbumin, prekallikrein and prothrombin in hepatosplenic schistosomiasis: increased turnover of the clotting proteins? Manoukian N, et al. **Rev Inst Med Trop Sao Paulo** 1984 Sep–Oct;26(5):237–40

Radioimmunoassay of serum conjugated cholic acid in hepatic murine schistosomiasis. Bolarin DM. **Trans R Soc Trop Med Hyg** 1984;78(6):755–7

Prevalence of latent iron deficiency in patients with chronic S. mansoni infection. Mansour MM, et al. **Trop Geogr Med** 1985 Jun;37(2):124–8

COMPLICATIONS

Intestinal obstruction due to schistosomiasis. Iyer HV, et al. **Am J Surg** 1985 Mar;149(3):409–11

Schistosoma intercalatum and relapses of Salmonella infection in children. Gendrel D, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1166–9

Regression of splenomegaly and hepatomegaly in children treated for Schistosoma haematobium infection. Stephenson LS, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):119–23

Escherichia coli bacteraemia in chronic schistosomiasis. Farid Z, et al. **Ann Trop Med Parasitol** 1984 Dec;78(6):661–2

Use of a ureteric nipple in the surgical management of bilharzial ureteric strictures. Elem B. **Br J Urol** 1985 Apr; 57(2):137–40

Cystectomy for carcinoma of the bilharzial bladder. 126 patients 10 years later. Ghoneim MA, et al. **Br J Urol** 1985 Jun;57(3):303–5

The natural history of ureteric Bilharzia. Naude JH. **Br J Urol** 1984 Dec;56(6):599–601

The more serious effects of schistosomiasis. Gelfand M. **Cent Afr J Med** 1985 Apr;31(4):79–82

Portal hypertension in schistosomiasis. Raia S, et al. **Clin Gastroenterol** 1985 Jan;14(1):57–82

Carcinoma of the uterine cervix and schistosomiasis in West Africa. Schwartz DA. **Gynecol Oncol** 1984 Nov; 19(3):365–70

Schistosoma japonicum and colorectal cancer: an epidemiological study in the People's Republic of China. Xu Z, et al. **Int J Cancer** 1984 Sep 15;34(3):315–8

A case–control study on liver cancer with special emphasis on the possible aetiological role of schistosomiasis. Inaba Y, et al. **Int J Epidemiol** 1984 Dec;13(4):408–12

Cell proliferation in carcinoma in bilharzial bladder: influence of pre–operative irradiation and clinical implications. Awwad H, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec; 10(12):2265–72

Oesophageal varices in schistosomiasis: treatment with a modified Warren's distal splenorenal shunt. Aboul–Enein A. **J Cardiovasc Surg (Torino)** 1985 Mar–Apr;26(2):164–7

Urinary infection in simple schistosomiasis in children. Rashed SM, et al. **J Egypt Soc Parasitol** 1984 Dec; 14(2):387–91

Eosinophilia due to multiple parasitic infection. Bhattacharyya DN. **J Infect** 1985 Mar;10(2):172–3

Randomized trial of cystectomy with or without preoperative radiotherapy for carcinoma of the bilharzial bladder. Ghoneim MA, et al. **J Urol** 1985 Aug;134(2):266–8

Experimental pulmonary embolism with Schistosoma japonicum eggs. II. Pulmonary lesions in rabbits infected with Schistosoma japonicum. Miyasato M, et al. **Kurume Med J** 1984;31(2):47–53

Ultrasound in urinary schistosomiasis [letter] Doehring E, et al. **Lancet** 1985 Jun 15;1(8442):1390

Carcinoma of the bilharzial bladder. Hanash KA. **Prog Clin Biol Res** 1984;162B:249–74 (60 ref.)

Experience in the radical radiotherapy of cancer in the bilharzial bladder: the use of misonidazole. Awwad HK, et al. **Radiother Oncol** 1984 Jun;2(1):1–8

Schistosomiasis and bladder carcinoma in Natal. Cooppan RM, et al. **S Afr Med J** 1984 Dec 1;66(22):841–3

Retroperitoneal fibrosis associated with schistosoma japonicum infestation--an immunologically mediated disease? Pun KK, et al. **Trop Geogr Med** 1984 Sep; 36(3):281–3

Surgical treatment of portal hypertension in schistosomiasis. Raia S, et al. **World J Surg** 1984 Oct;8(5):738–52

[A case of acute schistosomiasis complicated with spinal cord disorders] Wang DZ. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):205 **(Chi)**

[A case of mammary schistosomiasis complicated with breast cancer] Wu DM. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):208 **(Chi)**

[Female genital schistosomiasis and tubal pregnancy] Yang HL. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):160 **(Chi)**

[Anatomo–clinical conference. Hôpital de la Pitié–Salpêtrière. Case no. 4 – 1984. Major pulmonary arterial hypertension in a 40 year–old woman] Vedel J, et al. **Ann Med Interne (Paris)** 1984;135(6):473–81 **(Fre)**

[Schistosoma haematobium bilharziosis and urinary infections. Study of their relationship in 2 villages of Niger] Bretagne S, et al. **Bull Soc Pathol Exot Filiales** 1985; 78(1):79–88 (Eng. Abstr.) **(Fre)**

[Digestive disorder caused by Schistosoma haematobium] Sola Lamogilia R, et al. **Rev Esp Enferm Apar Dig** 1985 May;67(5):462–5 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Serodiagnosis of Schistosoma mansoni with microsomal adult worm antigen in an enzyme–linked immunosorbent assay using a standard curve developed with a reference serum pool. Maddison SE, et al. **Am J Trop Med Hyg** 1985 May; 34(3):484–94

An evaluation of quantitative techniques for Schistosoma haematobium eggs in urine preserved with carbolfuchsin. Richards FO Jr, et al. **Am J Trop Med Hyg** 1984 Sep; 33(5):857–61

Sensitivity and specificity of reagent strips in screening of Kenyan children for Schistosoma haematobium infection. Stephenson LS, et al. **Am J Trop Med Hyg** 1984 Sep; 33(5):862–71

Evaluation of a purified Schistosoma japonicum glycoprotein egg antigen for the immunodiagnosis of infection in man. Tracy JW, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):92–5

Diagnostic tools for Schistosoma japonicum in control programmes. Mott KE. **Arzneimittelforsch** 1984; 34(9B):1217–20

Schistosomotic choroiditis. I. Funduscopic changes and differential diagnosis. Oréfice F, et al. **Br J Ophthalmol** 1985 Apr;69(4):294–9

Balanced view of the diagnosis of bilharziasis. Gear JH. **Cent Afr J Med** 1968 May;14(5):89–93

A tool at hand for the screening of Schistosoma haematobium infections. Rutasitara WK, et al. **East Afr Med J** 1984 Apr; 61(4):299–302

Intestinal schistosomal granuloma simulating neoplasm in a 5–year–old Ethiopian boy. Roberts WB. **Ethiop Med J** 1984 Oct;22(4):189–91

Cerebral schistosomiasis presenting as a brain tumor. Gjerde IO, et al. **Eur Neurol** 1984;23(4):229–36

'Schistomosiasis'. Warren KS. **Hepatology** 1984 Sep–Oct; 4(5):979

The delayed intradermal reaction and the ELISA in the diagnosis of schistosomiasis in children. el–Gassim EE, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):301–9

Evaluation of skin test using schistosomula antigen for the diagnosis of bilharziasis. Khalil HM, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):335–42

Study of renal function in the different stages of schistosomal hepatic fibrosis. Mahmoud BL, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):583–91

Ultrasonographic diagnosis of schistosomal periportal fibrosis. Hussain S, et al. **J Ultrasound Med** 1984 Oct; 3(10):449–52

Diagnosis of schistosomiasis [letter] Zilberg B. **JAMA** 1985 Apr 5;253(13):1879–80

Evaluation of ELISA with ABTS, 2–2'–azino–di–(3–ethylbenzthiazoline sulfonic acid), as the substrate of peroxidase and its application to the diagnosis of schistosomiasis. Matsuda H, et al. **Jpn J Exp Med** 1984 Jun;54(3):131–8

Increased reactivity of Schistosoma japonicum eggs in the circumoval precipitin test after hydrochloric acid treatment. Hirata M, et al. **Kurume Med J** 1984;31(2):65–71

Value of ultrasonography in investigating morbidity due to Schistosoma haematobium infection. Degremont A, et al. **Lancet** 1985 Mar 23;1(8430):662–5

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 27–1985. A 38–year–old veterinarian with headache, fever, and bilateral pulmonary infiltrates. **N Engl J Med** 1985 Jul 4;313(1):36–42

Hepatosplenic schistosomiasis mansoni: ultrasound manifestations. Cerri GG, et al. **Radiology** 1984 Dec; 153(3):777–80

Detection of Malaysian schistosomiasis in Orang Asli of Peninsular Malaysia using serodiagnostic tests. Anuar H, et al. **Southeast Asian J Trop Med Public Health** 1984 Dec; 15(4):479

A brief review of seroepidemiologic and quantitative stool techniques relative to schistosomiasis japonica. Lewert RM. **Southeast Asian J Trop Med Public Health** 1984 Dec; 15(4):482–5

Paper discs impregnated with capillary blood. A sampling technique for immunoassays by means of DIG–ELISA and DIG–TIA. Nilsson LA, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):314–8

Egg count variability and sensitivity of a thin smear technique for the diagnosis of Schistosoma mansoni. Teesdale CH, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):369–73

[Comparison of different methods of the circumoval precipitin test (COPT) for schistosomiasis japonica. Field evaluation of the COPT group] **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):129–32 (Eng. Abstr.) **(Chi)**

[Immunofluorescence circumoval precipitin test in the diagnosis of schistosomiasis japonica] Yang ZX, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):173–5 (Eng. Abstr.) **(Chi)**

[Studies on the indirect haemoagglutination test using sensitized lyophilized erythrocytes for the diagnosis of schistosomiasis] Yang ZY, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1985;3(1):17–20 (Eng. Abstr.) **(Chi)**

[Preliminary application of ELISA of liver sections of infected mice in the diagnosis of schistosomiasis japonica] Zhou WL. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):182–4 (Eng. Abstr.) **(Chi)**

[Use of the colonic microscope in the diagnosis of schistosomiasis japonicum] He YJ. **Chung Hua I Hsueh Tsa Chih** 1984 Sep;64(9):583–4 **(Chi)**

[Bilharziasis as the cause of incapacitating pulmonary disease] Backer NV, et al. **Ugeskr Laeger** 1984 Jul 16;146(29):2163–4 (Eng. Abstr.) **(Dan)**

[Schistosomiasis and acute appendicitis] Møller L, et al. **Ugeskr Laeger** 1985 Feb 18;147(8):714–5 (Eng. Abstr.) **(Dan)**

[Intestinal S. mansoni schistosomiasis. Round table of the Leopold II Clinic] **Ann Soc Belg Med Trop** 1984; 64(4):427–38 **(Fre)**

[Diagnosis of bilharziasis from Schistosoma mansoni in the early stage: apropos of 77 cases] Barabe P, et al. **Bull Soc Pathol Exot Filiales** 1984 Jul–Aug;77(4):491–8 (Eng. Abstr.) **(Fre)**

[Diagnostic value of the human basophil degranulation test in schistosomiasis] Deluol AM, et al. **Bull Soc Pathol Exot Filiales** 1984;77(5):728–32 (Eng. Abstr.) **(Fre)**

[Schistosomiasis] Loutan L. **Schweiz Rundsch Med Prax** 1985 Apr 16;74(16):395–6 **(Fre)**

[Bilharziasis of the juvenile urinary tract] Meinhard F, et al. **Kinderarztl Prax** 1984 Aug;52(8):360–70 **(Ger)**

[A case of urinary schistosomiasis in a Japanese male] Kanokogi M, et al. **Hinyokika Kiyo** 1984 Oct; 30(10):1479–83 (Eng. Abstr.) **(Jpn)**

[Bilharziasis of the urinary tract] Kaczmarek A. **Wiad Lek** 1984 Jul 1;37(13):1009–15 (Eng. Abstr.) **(Pol)**

[Medullary schistosomal granuloma: report of a case] de Moraes Júnior LC, et al. **Arq Neuropsiquiatr** 1984 Sep; 42(3):277–81 (Eng. Abstr.) **(Por)**

[Urinary bilharziasis. Report of a case] Valdivia Uría JG, et al. **Arch Esp Urol** 1985 Jan–Feb;38(1):68–71 (Eng. Abstr.) **(Spa)**

[Schistosomiasis caused by S. haematobium. Apropos of a clinical case] López del Val LJ, et al. **Rev Clin Esp** 1985 May;176(9):466–8 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

The effect of a single dose of metrifonate on Schistosoma haematobium infection in Egyptian school children. el Kholy A, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1170–2

Reversal of hepatic fibrosis after praziquantel therapy of murine schistosomiasis. Morcos SH, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):314–21

Eighteen–month follow–up on the treatment of urinary schistosomiasis with a single dose of metrifonate. Tswana SA, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):746–9

Seroepidemiology of schistosomiasis japonica by ELISA in the Philippines. III. Selective mass chemotherapy with praziquantel in a control program. Yogore MG Jr, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):882–90

Schistosomiasis and praziquantel [letter] Farid Z, et al. **Ann Intern Med** 1984 Dec;101(6):881–2

The chemotherapy of schistosomiasis. Archer S. **Annu Rev Pharmacol Toxicol** 1985;25:485–508 (106 ref.)

Microencapsulation of astiban acid for the treatment of Schistosomiasis mansoni. Gopalratnam PC, et al. **Appl Biochem Biotechnol** 1984;10:213–20

Phase III clinical trials with praziquantel in S. japonicum infections in the Philippines. Santos AT, et al. **Arzneimittelforsch** 1984;34(9B):1221–3

Preliminary clinical trial of oral oxamniquine in the treatment of Schistosoma mansoni in Ethiopia. Ayele T. **East Afr Med J** 1984 Aug;61(8):632–6

Serious side effects of oxamniquine during the treatment of Schistosoma mansoni in Kenya [letter] Chunge CN, et al. **East Afr Med J** 1985 Jan;62(1):3–4

Schistosoma mansoni treatment with oral oxamniquine in Zambia. Gupta KK. **East Afr Med J** 1984 Aug;61(8):641–4

Schistosoma mansoni: ultrastructure of adults from mice treated with oxamniquine. Popiel I, et al. **Exp Parasitol** 1984 Dec;58(3):254–62

Pharmacological manipulation of the chronic granulomatous reactions in the livers of mice infected with schistosomiasis. Rainsford KD. **Int J Tissue React** 1985;7(1):35-9

Pharmacokinetic studies on praziquantel and oxamniquine in intestinal schistosomiasis. Massoud A, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):599-608

Dose-finding trial using Oltipraz to treat schoolchildren infected with Schistosoma mansoni in Gezira, Sudan. el Igail AB, et al. **J Trop Med Hyg** 1985 Apr;88(2):101-4

Field trials with Oltipraz against Schistosoma mansoni in the Gezira Irrigated Area, Sudan. Kardaman MW, et al. **J Trop Med Hyg** 1985 Apr;88(2):95-100

Treatment with praziquantel of schoolchildren with concurrent Schistosoma mansoni and S. haematobium infections in Gezira, Sudan. Kardaman MW, et al. **J Trop Med Hyg** 1985 Apr;88(2):105-9

Assessment of efficacy of praziquantel against Schistosoma mansoni infection. Massoud AA, et al. **J Trop Med Hyg** 1984 Jun;87(3):119-21

Randomized comparative trials of single doses of the newer antischistosomal drugs at Mwanza, Tanzania. I. Praziquantel and oxamniquine for the treatment of schistosomiasis mansoni. Rugemalila JB, et al. **J Trop Med Hyg** 1984 Dec;87(6):231-5

Schistosomiasis: a useful new insight [editorial] **Lancet** 1985 Jul 13;2(8446):82

Induction of resistance to Schistosoma mansoni in mice by chemotherapy: migration of schistosomula in primary and challenge infections. Mastin AJ, et al. **Parasitology** 1985 Jun;90 (Pt 3):519-28

Assessment of oltipraz in schistosomiasis mansoni. Clinical trial. Katz N, et al. **Rev Inst Med Trop Sao Paulo** 1984 May-Jun;26(3):147-51

Clinical study on cerebral schistosomiasis japonica on Leyte Island, Philippines: follow-up study 6 years after treatment with antischistosomal drugs. Hayashi M, et al. **Southeast Asian J Trop Med Public Health** 1984 Dec;15(4):502-6

Clinical study on hepatosplenomegalic schistosomiasis japonica on Leyte Island: follow-up study 4 years after treatment with praziquantel. Hayashi M, et al. **Southeast Asian J Trop Med Public Health** 1984 Dec;15(4):498-501

Experiences with praziquantel against Schistosoma japonicum infection in the Philippines. Noseñas JS, et al. **Southeast Asian J Trop Med Public Health** 1984 Dec;15(4):489-97

Treatment of Schistosoma mekongi with praziquantel in Cambodian refugees in holding centres in Prachinburi Province, Thailand. Keittivuti B, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):477-9

Metrifonate in pregnancy [letter] Monson MH, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):565

Side effects of praziquantel in the treatment of Schistosoma mansoni in Maniema, Zaire. Polderman AM, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):752-4

A note on the efficacy of a new class of compounds, 9-acridanone-hydrazones, against Schistosoma mansoni in a primate--the baboon. Sturrock RF, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):129-31

[Clinical observation on 121 cases of acute schistosomiasis treated with pyquiton] Chen GG. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):175 **(Chi)**

[Allergic manifestation after pyquiton treatment of schistosomiasis] Liu T. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):192, 203 **(Chi)**

[Experimental therapy of hepatic fibrosis in schistosomiasis japonica. II. Effect of colchicine on hepatic fibrosis] Mo RM, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):164-6 (Eng. Abstr.) **(Chi)**

[Severe side effects of pyquiton in the treatment of 9 cases of schistosomiasis] Zhen YL. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):143 **(Chi)**

[Radioimmunoassay of phenithionate (7720) and its clinical application] Tian YW. **Chung Hua Nei Ko Tsa Chih** 1984 May;23(5):281-3 (Eng. Abstr.) **(Chi)**

[Epidemiologic study of 2 foci of Schistosoma mansoni bilharziasis in Togo (Lama Kara and Kpalimé). Comparative efficacy of oltipraz (RP 35972)] Lapierre J, et al. **Med Trop (Mars)** 1984 Apr-Jun;44(2):113-9 (Eng. Abstr.) **(Fre)**

[Comparative efficacy of oltipraz (1 dose, 30 mg/kg) and the combination of niridazole (25 mg/kg) and metrifonate (10 mg/kg) against S. haematobium] Rey JL, et al. **Med Trop (Mars)** 1984 Apr-Jun;44(2):155-8 (Eng. Abstr.) **(Fre)**

[Course of urinary schistosomiasis over 3 consecutive years after treatment with metrifonate in a dry savanna village in Upper Volta] Sellin B, et al. **Med Trop (Mars)** 1984 Oct-Dec;44(4):357-9 (Eng. Abstr.) **(Fre)**

[Praziquantel in the treatment of schistosomiasis] Nahmias J, et al. **Harefuah** 1983 Oct 16;105(8):214-5 (Eng. Abstr.) **(Heb)**

ECONOMICS

Re: 'Incapacitating effects of Schistosomiasis mansoni on the productivity of sugar-cane cutters in northeastern Brazil' [letter] Davidson RK. **Am J Epidemiol** 1985 Mar;121(3):476

ENZYMOLOGY

The serum alkaline phosphatase in schistosomiasis. Thomas JE, et al. **East Afr Med J** 1984 Dec;61(12):876-81

Hepatic microsomal enzymes in Schistosoma mansoni-infected mice: I. Effect of duration of infection and lindane administration on dimethylnitrosamine demethylases. Mostafa MH, et al. **Environ Res** 1984 Oct;35(1):154-9

Detection of granuloma-associated plasminogen activator in experimental murine schistosomiasis. Izaki S, et al. **Exp Mol Pathol** 1985 Aug;43(1):82-9

[Preliminary observation on the activity of T lymphocyte acid alpha-naphthyl acetate esterase in the blood of patients with schistosomiasis japonica] Fu CE, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):161-3 (Eng. Abstr.) **(Chi)**

[Assay of superoxide dismutase activity in the peripheral blood cells of patients with schistosomiasis] Kuang TX, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):185-7 (Eng. Abstr.) **(Chi)**

[Plasma lecithin-cholesterol acyltransferase activity (LCAT) in late schistosomiasis and chronic liver disease] Huang MX. **Chung Hua Nei Ko Tsa Chih** 1985 Jan;24(1):31-3, 63 (Eng. Abstr.) **(Chi)**

ETIOLOGY

Swamp rice farming: possible effects on endemicity of schistosomiasis mansoni and haematobia in a population in Liberia. Kazura JW, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):107-11

Is Planorbarius metidjensis compatible with Schistosoma haematobium and S. bovis? Southgate VR, et al. **Bull Soc Pathol Exot Filiales** 1984 Jul-Aug;77(4):409-506

Effects of cercarial concentration and length of exposure on the infection of mice by Schistosoma japonicum and S. mekongi cercariae. Kruatrachue M, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun;15(2):249-53

Effects of physico-chemical factors on the infection of mice with Schistosoma japonicum and S. mekongi cercariae. Upatham ES, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun;15(2):254-60

FAMILIAL & GENETIC

Common source attack of S. mansoni in a Saudi family [letter] Huq MI, et al. **J Diarrhoeal Dis Res** 1985 Mar;3(1):33

Further studies on genetic variation of hepatosplenic disease and modulation in murine schistosomiasis mansoni. Fanning MM, et al. **Parasite Immunol** 1985 May;7(3):213-22

The inheritance of responses to schistosomiasis mansoni in two pairs of inbred strains of mice. Jones JT, et al. **Parasitology** 1985 Apr;90 (Pt 2):289-300

[Acute schistosomiasis] Heimgartner E. **Schweiz Rundsch Med Prax** 1985 Jan 22;74(4):65-9 (Eng. Abstr.) **(Ger)**

HISTORY

[Parasitic hematuria in ancient Egypt. Interpretation in the light of recent studies] Lippi D, et al. **Minerva Med** 1985 Mar 24;76(12):587-9 **(Ita)**

IMMUNOLOGY

Study of eosinophilia in relation to serum IgE level and cell mediated immunity (CMI) to soluble egg antigen (SEA) in human schistosomiasis mansoni. Khalil SH, et al. **Allerg Immunol (Leipz)** 1985;31(2):105-8

Ultrastructure of the attack of eosinophils stimulated by blood mononuclear cell products on schistosomula of Schistosoma mansoni. Caulfield JP, et al. **Am J Pathol** 1985 Sep;120(3):380-90

Delayed type hypersensitivity granuloma formation around Schistosoma mansoni eggs in vitro. IV. Granuloma formation in human schistosomiasis. Doughty BL, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1173-7

Effect of a cryopreserved live vaccine on resistance in mice with a pre-existing Schistosoma mansoni infection. Lewis FA, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):341-5

Evidence against the existence of specific Schistosoma mansoni subpopulations which are resistant to irradiated vaccine-induced immunity. Lewis FA, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):86-91

Identification of antigenic Schistosoma mansoni glycoproteins during the course of infection in mice and humans. Norden AP, et al. **Am J Trop Med Hyg** 1985 May;34(3):495-507

The fate of challenge schistosomula in the murine anti-schistosome vaccine model. Von Lichtenberg F, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):96-106

The responses to Schistosoma mansoni of infected mice and non-infected mice following parabiosis. I--Histological aspects. Fuks MA, et al. **An Microbiol (Rio De J)** 1982;27:129-38

The response to Schistosoma mansoni of infected mice and non-infected mice following parabiosis. II--Immunological aspects. Fuks MA, et al. **An Microbiol (Rio De J)** 1982;27:147-58

Erythroadsorption and enzyme-linked immunoassays (EAIA and ELISA) for specific circulating antibodies and antigens in schistosomiasis. Stek M Jr. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):13-23

Further studies on resistance to reinfection with Schistosoma japonicum in mice. Garcia EG, et al. **Asian Pac J Allergy Immunol** 1984 Jun;2(1):27-31

IgE response and histamine release in chronic human schistosomiasis. Derouin F, et al. **Biomed Pharmacother** 1985;39(1):32-5

Recovery of schistosomula of Schistosoma mansoni from mouse skin: involvement of mast cells and vasoactive amines. Gerken SE, et al. **Braz J Med Biol Res** 1984;17(3-4):301-7

Effects of granuloma modulation induced by regulatory-T-lymphocyte activity on angiotensin II/III production by granuloma macrophages in murine schistosomiasis mansoni. Weinstock JV, et al. **Cell Immunol** 1985 Sep;94(2):558-67

HLA and schistosomiasis japonica. Wang CG, et al. **Chin Med J [Engl]** 1984 Aug;97(8):603-5

Relationship between intensity of infection and immunomodulation in human schistosomiasis. I. Lymphocyte subpopulations and specific antibody responses. Feldmeier H, et al. **Clin Exp Immunol** 1985 May;60(2):225-33

Relationship between intensity of infection and immunomodulation in human schistosomiasis. II. NK cell activity and in vitro lymphocyte proliferation. Feldmeier H, et al. **Clin Exp Immunol** 1985 May;60(2):234-40

Schistosoma mansoni: challenge attrition during the lung phase of migration in vaccinated and serum-protected rats. McLaren DJ, et al. **Exp Parasitol** 1985 Aug;60(1):1-9

Schistosoma mansoni: immunoblot analysis of adult worm proteins. Ruppel A, et al. **Exp Parasitol** 1985 Oct;60(2):195-206

Schistosoma mansoni: cell-mediated immunity evaluated by antigen-induced leukocyte adherence inhibition assay. Nogueira-Machado JA, et al. **Immunol Lett** 1985;9(1):39-42

Regulation of egg antigen-induced in vitro proliferative response by splenic suppressor T cells in murine Schistosoma japonicum infection. Stavitsky AB, et al. **Infect Immun** 1985 Sep;49(3):635-40

Spontaneous and egg antigen-induced syntheses of immunoglobulin and antibody by spleen cells and hepatic granulomas of mice infected with Schistosoma japonicum. Stavitsky AB, et al. **Infect Immun** 1984 Oct;46(1):276-8

Characteristics of the anti-sheep red blood cell heterophile antibodies produced during Schistosoma japonicum infection in mice. Asahi H, et al. **Int Arch Allergy Appl Immunol** 1985;76(1):76-8

New functions for platelets and their pathological implications. Capron A, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):107-14

Leucocyte activation initiated by IgE-dependent mechanisms in relation to helminthic parasitic disease and clinical models of asthma. Kay AB, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):69-72

Regulatory role of a peptide from the second constant domain of immunoglobulin G--II. In vitro effect on granuloma formation around S. mansoni eggs. Himmi EH, et al. **Int J Immunopharmacol** 1985;7(2):231-7

Schistosoma mansoni: parasitology and immunology of baboons vaccinated with irradiated cryopreserved schistosomula. Damian RT, et al. **Int J Parasitol** 1985 Jun;15(3):333-44

Host granulomatous response in schistosomiasis mansoni. Antibody and cell-mediated damage of parasite eggs in vitro. de Brito PA, et al. **J Clin Invest** 1984 Nov;74(5):1715-23

Evaluation of cellular immune response during chronic schistosomiasis in humans by the leukocyte aggregation test and the leukocyte migration inhibition test. Rouveix B, et al. **J Clin Microbiol** 1985 Apr;21(4):649-51

Delayed hypersensitivity skin and leucocyte migration inhibition tests in chronic liver disease. el-Din SS, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):593-8

The role of cercarial glycoproteins in immunization against mansoniasis infection of experimental animals. Salama MM, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):343-51

Reaginic and homocytotropic IgG antibodies in Schistosoma mansoni infected Mastomys natalensis: time courses in untreated infections and after chemoprophylactic and chemotherapeutic treatment. Gorkow C, et al. **J Helminthol** 1985 Jun;59(2):109-17

Attempts to manipulate specific responses to induce resistance to Schistosoma mansoni in Kenyan baboons (Papio anubis). Sturrock RF, et al. **J Helminthol** 1985 Jun;59(2):175-86

Production of the lymphokine soluble immune response suppressor (SIRS) during chronic experimental schistosomiasis mansoni. Aune TM, et al. **J Immunol** 1985 Oct;135(4):2768-71

Immunoprecipitation analysis of radiolabelled protein antigens biosynthesized in vitro by S. mansoni. I. Identification of antigens uniquely recognized by protective antibodies. Barker RH Jr, et al. **J Immunol** 1985 Feb;134(2):1192-201

In vitro delayed hypersensitivity granuloma formation: development of an antigen-coated bead model. Bentley AG, et al. **J Immunol** 1985 Jun;134(6):4163-9

Immune responses during human Schistosomiasis mansoni. XI. Immunologic status of patients with acute infections and after treatment. Gazzinelli G, et al. **J Immunol** 1985

Sep;135(3):2121–7

Subclasses of rat IgG active in the killing of schistosomula of Schistosoma mansoni in vitro and in vivo. Horta MF, et al. **J Immunol** 1984 Dec;133(6):3326–32

Induction of protective immunity against Schistosoma mansoni by a non living vaccine. I. Partial characterization of antigens recognized by antibodies from mice immunized with soluble schistosome extracts. James SL, et al. **J Immunol** 1985 May;134(5):3432–8

Induction of protective immunity against Schistosoma mansoni by a nonliving vaccine is dependent on the method of antigen presentation. James SL. **J Immunol** 1985 Mar;134(3):1956–60

Monoclonal IgE–dependent eosinophil cytotoxicity to haptenated schistosomula of Schistosoma japonicum: enhancement of the cytotoxicity and expression of Fc receptors for IgE by Nippostrongylus brasiliensis infection. Kojima S, et al. **J Immunol** 1985 Apr;134(4):2719–22

Characterization of Schistosoma mansoni antigen–reactive T cell clones that form granulomas in vitro. Lammie PJ, et al. **J Immunol** 1985 Jun;134(6):4170–5

Modulation of macrophage activation and resistance by suppressor T lymphocytes in chronic murine Schistosoma mansoni infection. Olds GR, et al. **J Immunol** 1984 Nov;133(5):2720–4

Demonstration of splenic auto–anti–idiotypic plaque–forming cells in mice infected with Schistosoma mansoni. Powell MR, et al. **J Immunol** 1985 Jun;134(6):4140–5

Induction of granuloma modulation in murine schistosomiasis mansoni by enteric exposure to schistosome eggs. Weinstock JV, et al. **J Immunol** 1985 Jul;135(1):560–3

Increased blastogenic responses to worm antigen and loss of adherent suppressor cell activity after treatment for human infection with Schistosoma mansoni. Ellner JJ, et al. **J Infect Dis** 1985 Feb;151(2):320–4

Anti–worm antibody specificities in 129/J mice resistant to infection with Schistosoma japonicum. Mitchell GF, et al. **J Parasitol** 1984 Dec;70(6):983–5

Murine immunization by cesium–137 irradiation attenuated Schistosoma mansoni cercariae. Stek M Jr, et al. **J Parasitol** 1984 Jun;70(3):398–402

Variations of titers of immunofluorescent antibody against cercaria, adult and egg antigens developed in rabbits infected with Schistosoma japonicum before and after treatment with praziquantel. Beisler GK, et al. **Jpn J Exp Med** 1984 Feb;54(1):17–22

Chronic human schistosomiasis mansoni–schistosomal antigen, immunoglobulins and complement C3 detection in the liver. De Brito T, et al. **Liver** 1985 Apr;5(2):64–70

The presence of anti–sheep red blood cell heterophile antibodies and their characteristics in murine schistosomiasis japonica. Asahi H, et al. **Microbiol Immunol** 1984;28(11):1241–56

Towards schistosomiasis vaccines [news] Cox FE. **Nature** 1985 Apr 4–10;314(6010):402–3

Immunopathology of Schistosoma japonicum infection in athymic mice. Cheever AW, et al. **Parasite Immunol** 1985 Jul;7(4):387–98

Immunopathology of Schistosoma japonicum and S. mansoni infection in B cell depleted mice. Cheever AW, et al. **Parasite Immunol** 1985 Jul;7(4):399–413

Site potential for challenge attrition in mice, rats and guinea pigs vaccinated with irradiated cercariae of Schistosoma mansoni. McLaren DJ, et al. **Parasite Immunol** 1985 Jan;7(1):29–44

Antibody responses to the antigen Sj26 of Schistosoma japonicum worms that is recognized by genetically resistant 129/J mice. Mitchell GF, et al. **Parasite Immunol** 1985 Mar;7(2):165–78

The effect of cyclosporin A on the course of murine infection by Schistosoma mansoni. Nilsson LA, et al. **Parasite Immunol** 1985 Jan;7(1):19–27

Antibody response against schistosomulum surface antigens and protective immunity following immunization with highly irradiated cercariae of Schistosoma mansoni. Simpson AJ, et al. **Parasite Immunol** 1985 Mar;7(2):133–52

Resistance against Schistosoma mansoni induced by highly irradiated infections: studies on species specificity of immunization and attempts to transfer resistance. Bickle QD, et al. **Parasitology** 1985 Apr;90 (Pt 2):301–12

Resistance following drug attenuation (Ro 11–3128 or oxamniquine) of early Schistosoma mansoni infections in mice. Bickle QD, et al. **Parasitology** 1985 Apr;90 (Pt 2):325–38

Immunization of rats against Schistosoma mansoni using irradiated cercariae, lung schistosomula and liver–stage worms. Ford MJ, et al. **Parasitology** 1984 Oct;89 (Pt 2):327–44

Passive transfer of resistance and the site of immune–dependent elimination of the challenge infection in rats vaccinated with highly irradiated cercariae of Schistosoma mansoni. Ford MJ, et al. **Parasitology** 1984 Dec;89 (Pt 3):461–82

The induction of specific immunity against Schistosoma japonicum by exposure of mice to ultraviolet attenuated cercariae. Moloney NA, et al. **Parasitology** 1985 Apr;90 (Pt 2):313–23

Factors affecting the acquisition of resistance to Schistosoma japonicum in the mouse. II. Evidence that resistance to reinfection is not mediated by specific effector mechanisms. Moloney NA, et al. **Parasitology** 1984 Oct;89 (Pt 2):361–7

Factors affecting the acquisition of resistance to Schistosoma japonicum in the mouse. I. The correlation between egg deposition and worm elimination. Moloney NA, et al. **Parasitology** 1984 Oct;89 (Pt 2):345–60

Attempts to induce resistance to Schistosoma mansoni and S. haematobium in Kenyan baboons (Papio anubis) using non–specific immunostimulants. Sturrock RF, et al. **Parasitology** 1985 Feb;90 (Pt 1):101–10

IgG response of rats and humans to the released products of schistosomula of Schistosoma mansoni. Verwaerde C, et al. **Parasitology** 1985 Jun;90 (Pt 3):509–18

Genetic control of immune responses to Schistosoma japonicum. Kojima S, et al. **Southeast Asian J Trop Med Public Health** 1984 Dec;15(4):518–22

Abnormalities of immunosuppression in patients with hepatosplenic schistosomiasis mansoni. Tweardy DJ, et al. **Trans Assoc Am Physicians** 1983;96:392–400

The immunological aspects of praziquantel in unsensitized mice with experimentally induced schistosome pulmonary granuloma. Botros SS, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):569–72

Immunity after treatment of human schistosomiasis mansoni. II. Identification of resistant individuals, and analysis of their immune responses. Butterworth AE, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):393–408

HLA antigen frequencies in Egyptian patients with complicated schistosomiasis mansoni [letter] Kamel MA, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):850–1

The effect of pre–exposure to Fasciola hepatica or Schistosoma mansoni on challenge infection with Fasciola hepatica. el–Azazy OM, et al. **Vet Parasitol** 1985 Jan;17(2):173–6

Immunofluorescent localization of Schistosoma mansoni circulating cathodic antigen in tissues of infected mice using monoclonal antibody. Deelder AM, et al. **Z Parasitenkd** 1985;71(3):317–23

Application of formalin–fixed Schistosoma japonicum eggs to the circumoval precipitin test. Kamiya H, et al. **Z Parasitenkd** 1984;70(6):823–6

[Changes in serum C4 and its significance in patients with late schistosomiasis japonica] Tu LX, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1985;3(1):27–8 (Eng. Abstr.) **(Chi)**

[Circumoval precipitin test in patients with schistosomiasis japonica in controlled and uncontrolled regions] Ye JF, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):158–60 (Eng. Abstr.) **(Chi)**

[Immune functional abnormality in patients with late schistosomiasis] Fan ZP. **Chung Hua Nei Ko Tsa Chih** 1984 Oct;23(10):629–30 (Eng. Abstr.) **(Chi)**

[Immunofluorescence test of antibodies directed against antigens of the intestinal epithelium of Schistosoma mansoni. II. In the bilharziasis patient] Sauneron MF, et al. **Ann Parasitol Hum Comp** 1985;60(2):147–54 (Eng. Abstr.) **(Fre)**

[Influence of urinary schistosomiasis on delayed cutaneous hypersensitivity (letter)] Rey JL, et al. **Presse Med** 1985 Mar 2;14(9):546–7 **(Fre)**

[Cold lymphocytotoxins in schistosomiasis mansoni] Pereira SM, et al. **Rev Fr Transfus Immunohematol** 1985 May;28(2):137–47 (Eng. Abstr.) **(Fre)**

[Choroid plexus in Schistosoma mansoni schistosomiasis. Relation of the proteic deposits to the presence of associated glomerulonephritis] de Queiroz AC. **Acta Med Port** 1984 Jul–Aug;5(7–8):219–21 (Eng. Abstr.) **(Por)**

[Experimental evolutive study of the pancreas in mice with schistosomiasis, good and bad immunologic responders] Nigro SP, et al. **Rev Paul Med** 1984 Sep–Oct;102(5):201–4 (Eng. Abstr.) **(Por)**

[Evolution of immunoglobulins involved in the immune response of mice to Schistosoma mansoni] Bastos O de C, et al. **Rev Saude Publica** 1984 Apr;18(2):138–54 (Eng. Abstr.) **(Por)**

METABOLISM

Modified mutagen metabolism in Schistosoma hematobium–infested organisms. Gentile JM, et al. **Arch Environ Health** 1985 Jan–Feb;40(1):5–12

Extracellular matrix in hepatic granulomas of mice infected with Schistosoma mansoni. Qualitative and quantitative analysis. Nishimura M, et al. **Arch Pathol Lab Med** 1985 Sep;109(9):813–8

Dynamics of collagen accumulation and polymorphism in murine Schistosoma japonicum. Olds GR, et al. **Gastroenterology** 1985 Sep;89(3):617–24

Evidence for the activation of the endogenous opiate system in hamsters infected with human blood flukes, Schistosoma mansoni. Kavaliers M, et al. **Life Sci** 1984 Dec 3;35(23):2365–73

How anthelmintics help us to understand helminths. Vanden Bossche H. **Parasitology** 1985 Apr;90 (Pt 4):675–85

MICROBIOLOGY

Influence of salmonella bacteremia on the survival of mice infected with Schistosoma mansoni. Tuazon CU, et al. **J Infect Dis** 1985 Jun;151(6):1166–7

MORTALITY

Schistosomiasis haematobium and the mortality occurring in an endemic community at Bujashi, Tanzania. Rugemalila JB, et al. **Trop Geogr Med** 1985 Jun;37(2):114–8

NURSING

[Nursing for patients with schistosomiasis] Yu ML. **Chung Hua Hu Li Tsa Chih** 1984 Aug;19(4):198–9 **(Chi)**

OCCURRENCE

Schistosoma haematobium in Upper Egypt: analysis of dispersion patterns. Kitron UD, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):331–40

Seroepidemiology of schistosomiasis japonica by ELISA in the Philippines. II. Unreliability of stool examination in the measurement of incidence. Lewert RM, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):872–81

A cohort study on the causes of death in an endemic area of schistosomiasis japonica in Japan. Inaba Y. **Ann Acad Med Singapore** 1984 Apr;13(2):142–8

Studies on the sero–epidemiology of endemic diseases in Libya. III. Schistosomiasis. Gebreel AO, et al. **Ann Trop Med Parasitol** 1985 Feb;79(1):31–41

Prevalence and distribution of schistosomiasis in Zimbabwe. Taylor P, et al. **Ann Trop Med Parasitol** 1985 Jun;79(3):287–99

Incidence of schistosomiasis in surgical biopsies: a review of 284 cases. Gwavava NJ, et al. **Cent Afr J Med** 1984 Dec;30(12):241–5

Endemicity of urinary schistosomiasis in Enta–doyta village, Gewane flood–plain, eastern Ethiopia. Haile–Meskal F, et al. **Ethiop Med J** 1985 Jul;23(3):107–15

Parasitic infection among the outpatients of Dakahlia Governorate with a correlation between amoebiasis and intestinal schistosomiasis. Ali MM, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):463–9

Schistosomiasis survey in Phichit Province: a potential endemic area in northern Thailand. Bunnag T, et al. **J Med Assoc Thai** 1984 Sep;67(9):475–81

Three–year prospective study of the evolution of Manson's schistosomiasis in north–east Brazil. Sleigh AC, et al. **Lancet** 1985 Jul 13;2(8446):63–6

Predicting areas endemic for schistosomiasis using weather variables and a Landsat data base. Cross ER, et al. **Milit Med** 1984 Oct;149(10):542–4

Caribbean schistosomiasis. Bundy DA. **Parasitology** 1984 Oct;89 (Pt 2):377–406 (135 ref.)

The effect of Schistosoma mansoni infection on child morbidity in the state of Bahia, Brazil. I––Analysis at the ecological level. Barreto ML, et al. **Rev Inst Med Trop Sao Paulo** 1984 Jul–Aug;26(4):230–5

Serological evidence of schistosomiasis among Orang Asli from three areas of Peninsular Malaysia. Greer GJ, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep;15(3):303–12

Clinical study of Indonesian schistosomiasis at Lindu lake area, Central Sulawesi. Hadidjaja P. **Southeast Asian J Trop Med Public Health** 1984 Dec;15(4):507–14

Epidemiology and control of schistosomiasis in Southeast Asia. Harinasuta C. **Southeast Asian J Trop Med Public Health** 1984 Dec;15(4):431–8

Present research on schistosomiasis in Thailand. Sornmani S. **Southeast Asian J Trop Med Public Health** 1984 Dec;15(4):446–51

Schistosomiasis in Malawi––a review. Teesdale CH, et al. **Trop Med Parasitol** 1985 Mar;36(1):1–6

Global distribution of schistosomiasis: CEGET/WHO atlas. Doumenge JP, et al. **World Health Stat Q** 1984;37(2):186–99 **(Eng, Fre)**

[Observation on the fecal egg count in 10 cases of schistosomiasis over a 16–month period] He SY, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):188–9 (Eng. Abstr.) **(Chi)**

[Five–year seroepidemiological survey in an area where schistosomiasis was basically eradicated] Li YH, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):136–9 (Eng. Abstr.) **(Chi)**

[Effect of control measures in schistosomiasis observed by the annual incidence in a risk population in the Philippines] Tanaka H, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):133–5 (Eng. Abstr.) **(Chi)**

[Assessment of a focus of schistosomiasis caused by Schistosoma mansoni in Mayombe, Republic of Zaire] De Clercq D, et al. **Ann Soc Belg Med Trop** 1985 Jun;65(2):153–62 (Eng. Abstr.) **(Fre)**

[Intestinal schistosomiasis in the Ruzizi Valley (Burundi): preliminary studies] Gryseels B. **Ann Soc Belg Med Trop** 1984 Sep;64(3):249–66 (Eng. Abstr.) **(Fre)**

[Bilharziasis in the region of Alaotra Lake––the storehouse of rice in Madagascar] Randrianarisoa J, et al. **Arch Inst Pasteur Madagascar** 1984;51(1):97–104 **(Fre)**

[Geographic dispersion of bilharzial endemy in 3 departments of Burkina Faso (ex–Upper Volta)] Brasseur P, et al. **Bull Soc Pathol Exot Filiales** 1984;77(5):673–7 (Eng. Abstr.) **(Fre)**

[Hypotheses on the origin of certain parasites on the Latin American continent] Nozais JP. **Bull Soc Pathol Exot Filiales** 1985;78(3):401–12 (Eng. Abstr.) **(Fre)**

[Epidemiologic study of intestinal and urinary bilharziasis in the Tala Mokolo region (Mandara Mountains, North Cameroon)] Granier H, et al. **Med Trop (Mars)** 1985 Jan-Mar;45(1):27-33 (Eng. Abstr.) (Fre)

[Epidemiologic study of 2 foci of Schistosoma mansoni bilharziasis in Togo (Lama Kara and Kpalimé). Comparative efficacy of oltipraz (RP 35972)] Lapierre J, et al. **Med Trop (Mars)** 1984 Apr-Jun;44(2):113-9 (Eng. Abstr.) (Fre)

[Morbidity of schistosomiasis mansoni in Brazil. Developmental study in an endemic area over a 10-year period] Coura JR, et al. **Mem Inst Oswaldo Cruz** 1984 Oct-Dec;79(4):447-53 (Eng. Abstr.) (Por)

[The antiquity of some foci of schistosomiasis of the State of São Paulo] da Silva LJ.
Rev Bras Malariol Doencas Trop 1983;35:73-8 (Eng. Abstr.) (Por)

[Status of the compulsory registration of schistosomiasis in Greater São Paulo (Brazil) from 1982 to 1983] Bezerra IA.
Rev Saude Publica 1984 Oct;18(5):386-95 (Eng. Abstr.) (Por)

[Endemic potential of schistosomiasis in the State of Rondonia, Brazil] Coimbra Júnior CE, et al.
Rev Saude Publica 1984 Dec;18(6):510-5 (Eng. Abstr.) (Por)

[Schistosomiasis in the region of Maresme (letter)]
Med Clin (Barc) 1984 Jun 2;83(1):41-2 (Spa)

PARASITOLOGY

In vivo microscopy of schistosomiasis. IV. The dynamics of the host-parasite responses to Schistosoma mansoni in the hypodermal tissues as observed in transparent chambers in two susceptible hosts during primary and challenge infections. Bloch EH. **Am J Trop Med Hyg** 1984 Sep;33(5):899-910

Comparative study of Schistosoma mansoni isolated from patients with hepatosplenic and intestinal clinical forms of schistosomiasis. de Lima e Costa MF, et al.
Am J Trop Med Hyg 1984 Sep;33(5):918-23

Appendiceal schistosomiasis. Method of classifying oviposition and inflammation. Onuigbo WI.
Dis Colon Rectum 1985 Jun;28(6):397-8

Schistosoma haematobium: amoscanate and adult worm ultrastructure. Leitch B, et al. **Exp Parasitol** 1984 Dec;58(3):278-89

Aspects of the life cycle of Schistosoma margrebowiei infection in laboratory mammals. Ogbe MG.
Int J Parasitol 1985 Apr;15(2):141-5

Observations on the infectivity and fecundity of a Sudanese isolate of Schistosoma bovis in albino mice. Saad AM, et al. **J Helminthol** 1984 Sep;58(3):267-70

The life cycle of Schistosoma mansoni under germ free conditions. Bezerra M, et al. **J Parasitol** 1985 Aug;71(4):519-20

Completion of Schistosoma mansoni life cycle in thyroidectomized rats and effects of thyroid hormone replacement therapy. Knopf PM, et al. **J Parasitol** 1985 Aug;71(4):422-6

Evidence for host-induced selection in Schistosoma mansoni. LoVerde PT, et al. **J Parasitol** 1985 Jun;71(3):297-301

Population dynamics of Schistosoma mansoni in mice repeatedly exposed to infection. Crombie JA, et al.
Nature 1985 Jun 6-12;315(6019):491-3

Intergeneric reproductive stimulation and parthenogenesis in Schistosoma mansoni. Basch PF, et al. **Parasitology** 1984 Oct;89 (Pt 2):369-76

Schistosoma mansoni: an ultrastructural examination of skin migration in the hamster cheek pouch. Crabtree JE, et al. **Parasitology** 1985 Aug;91 (Pt 1):111-20

Changes in the surface antigen profile of Schistosoma mansoni during maturation from cercaria to adult worm. Payares G, et al. **Parasitology** 1985 Aug;91 (Pt 1):83-99

Study on Schistosoma sinensium in Fang district, Chiangmai province, Thailand. Baidikul V, et al.
Southeast Asian J Trop Med Public Health 1984 Jun;15(2):141-7

[Holochilus brasiliensis nanus Thomas, 1897. Suggestion for an experimental model for filariasis, leishmaniasis and schistosomiasis] Bastos O de C, et al.
Rev Inst Med Trop Sao Paulo 1984 Nov-Dec;26(6):307-15 (Eng. Abstr.) (Por)

[A patient with schistosomiasis mansoni] Díaz Hernández A, et al. **Rev Cubana Med Trop** 1984 May-Aug;36(2):207-12 (Eng. Abstr.) (Spa)

PATHOLOGY

Duodenal schistosomiasis diagnosed by endoscopic biopsy of an isolated polyp. Thatcher BS, et al.
Am J Gastroenterol 1984 Dec;79(12):927-9

Vascular changes in cerebral schistosomiasis mansoni: a histopathological study of fifteen cases. Pittella JE.
Am J Trop Med Hyg 1985 Sep;34(5):898-902

Three cases of schistosomiasis mekongi from northern Laos. Wittes R, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1159-65

Bilharzial arthropathy. Bassiouni M, et al.
Ann Rheum Dis 1984 Dec;43(6):806-9

Liver connective tissue cells isolated from human schistosomal fibrosis or alcoholic cirrhosis represent a modified phenotype of smooth muscle cells. Borojevic R, et al. **Biol Cell** 1985;53(3):231-8

Schistosomotic choroiditis. II. Report of first case. Pittella JE, et al. **Br J Ophthalmol** 1985 Apr;69(4):300-2

Murine eosinophil granulocyte proliferation kinetics in acute and chronic eosinophilia. McGarry MP. **Exp Hematol** 1985 Aug;13(7):634-8

Schistosoma mansoni: extramedullar eosinophil myelopoiesis induced by intraperitoneal glass implants in chronically infected mice. Borojevic R, et al. **Exp Parasitol** 1985 Jun;59(3):290-9

Schistosoma japonicum: the pathology of experimental infection. Cheever AW. **Exp Parasitol** 1985 Feb;59(1):1-11 (71 ref.)

Schistosoma haematobium: the pathology of experimental infection. Cheever AW. **Exp Parasitol** 1985 Apr;59(2):131-8 (40 ref.)

Establishment of a continuous cell line from fibrotic schistosomal granulomas in mice livers. Borojevic R, et al. **In Vitro Cell Dev Biol** 1985 Jul;21(7):382-90

The effect of experimental schistosomiasis mansoni on some endocrine glands and growth of hamsters. Hamdy EI, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):537-42

Pathology associated with vaccination against Schistosoma mansoni in mice using cryopreserved radiation-attenuated schistosomula. James ER, et al. **J Helminthol** 1985 Mar;59(1):57-60

Immunofluorescent analysis of renal biopsies in uncomplicated Schistosoma haematobium infections in children. Higashi GI, et al. **J Trop Med Hyg** 1984 Jun;87(3):123-9

Aflatoxin, hepatocellular carcinoma, and schistosomiasis [letter] Daneshmend TK. **Lancet** 1984 Dec 15;2(8416):1393-4

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 21-1985. A 21-year-old man with fever, diarrhea, and weakness of the legs during a sojourn in Kenya. **N Engl J Med** 1985 May 23;312(21):1376-83

Pathology of bilharzial bladder cancer. Godwin JT, et al.
Prog Clin Biol Res 1984;162A:95-143

Alterations in cell number, size and collagen content in livers of conventional and germfree mice bearing Schistosoma mansoni. Vieira LQ, et al. **Prog Clin Biol Res** 1985;181:235-8

The pathology of the small intestine in human schistosomiasis mansoni in the Sudan. Fedail SS, et al.
Trop Med Parasitol 1985 Jun;36(2):94-6

[Pathological changes and clinical types in advanced schistosomiasis] Fan XL, et al.
Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih 1984;2(3):190-2 (Eng. Abstr.) (Chi)

[A case report of cerebral schistosomal egg granuloma] Yu ZS.
Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih 1984;2(3):204 (Chi)

[Effects of pyquiton on pulmonary S. japonicum egg granulomas in sensitized mice] Yang YQ, et al.
Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao 1984 Jun;6(3):217-20 (Eng. Abstr.) (Chi)

[Anatomicopathological aspects of genital bilharziasis in women] Gouzouv A, et al. **Med Trop (Mars)** 1984 Oct-Dec;44(4):331-7 (Eng. Abstr.) (Fre)

[Vaginal involvement in a case of bilharziasis] Lüttges J, et al. **Pathologe** 1985 May;6(3):161-3 (Ger)

[Clinical, endoscopic and histopathological study in patients with schistosomiasis mansoni] Pérez Ramos E, et al.
Rev Cubana Med Trop 1984 May-Aug;36(2):165-74 (Eng. Abstr.) (Spa)

[Schistosoma mansoni. Correlation between parasite burden and endoscopic and histopathological humoral changes] Pérez Ramos E, et al. **Rev Cubana Med Trop** 1984 Jan-Apr;36(1):63-71 (Eng. Abstr.) (Spa)

PHYSIOPATHOLOGY

Urinary iron loss and physical fitness of Kenyan children with urinary schistosomiasis. Stephenson LS, et al.
Am J Trop Med Hyg 1985 Mar;34(2):322-30

Granuloma macrophages in murine schistosomiasis mansoni generate components of the angiotensin system. Weinstock JV, et al. **Cell Immunol** 1984 Nov;89(1):39-45

Angiotensin II stimulation of granuloma macrophage phagocytosis and actin polymerization in murine schistosomiasis mansoni. Weinstock JV, et al.
Cell Immunol 1984 Nov;89(1):46-54

Fibroblast stimulating activity of extracts of hepatic granulomata of Schistosoma mansoni-infected rodents with marked or slight hepatic fibrosis. Cheever AW, et al.
Trans R Soc Trop Med Hyg 1985;79(3):319-21

Physiological performance and work capacity of tin mine labourers infested with schistosomiasis in Zaire. van Ee JH, et al. **Trop Geogr Med** 1984 Sep;36(3):259-66

[Endocrine changes in 28 young patients with schistosomiasis dwarfism] He YJ, et al.
Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih 1984;2(3):150-3 (Eng. Abstr.) (Chi)

PREVENTION & CONTROL

Screening for schistosomiasis among the Yemeni population in Eccles. Ganvir PL, et al. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):751-2

New schistosomiasis control strategy endorsed.
Bull Pan Am Health Organ 1985;19(1):103-6

Indirect screening for Schistosoma haematobium infection: a comparative study in Ghana and Zambia. Mott KE, et al. **Bull WHO** 1985;63(1):135-42

Schistosomiasis and human behaviour. Rée GH. **Ecol Dis** 1982;1(2-3):131-3 (26 ref.)

In vivo protection against S. mansoni infection by monoclonal antibodies. Horowitz S, et al. **Immunol Lett** 1985;9(2-3):69-73

Observations on morbidity from schistosomiasis through a control program in middle Egypt (1977-1981). Ali OE, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):441-54

The Blue Nile Health Project. A comprehensive approach to the prevention and control of water-associated diseases in irrigated schemes of the Sudan. **J Trop Med Hyg** 1985 Apr;88(2):45-182

The Blue Nile Health Project: a comprehensive approach to the prevention and control of water-associated diseases in irrigated schemes of the Sudan. el Gaddal AA.
J Trop Med Hyg 1985 Apr;88(2):47-56

Protection of Sudanese irrigation workers from schistosome infections by a shift to earlier working hours. Tameim O, et al. **J Trop Med Hyg** 1985 Apr;88(2):125-30

Control of schistosomiasis in the new Rahad Irrigation Scheme of Central Sudan. Tameim O, et al.
J Trop Med Hyg 1985 Apr;88(2):115-24

Prevention of schistosomiasis [letter] Karstorp A. **JAMA** 1984 Dec 14;252(22):3129-30

An anti-idiotype vaccine against experimental schistosomiasis. Grzych JM, et al. **Nature** 1985 Jul 4-10;316(6023):74-6

Vaccination against Schistosoma mansoni with purified surface antigens. Smith MA, et al. **Science** 1985 Feb 1;227(4686):535-8

Cost-effectiveness of different ways of controlling intestinal schistosomiasis: a case study. Polderman AM.
Soc Sci Med 1984;19(10):1073-80

World Health Organization new strategy on schistosomiasis.
Southeast Asian J Trop Med Public Health 1984 Dec;15(4):469-70

The present status of schistosomiasis in the Philippines. Santos AT. **Southeast Asian J Trop Med Public Health** 1984 Dec;15(4):439-45

Ecology of schistosomiasis in Indonesia with certain aspects of control. Sudomo M.
Southeast Asian J Trop Med Public Health 1984 Dec;15(4):471-4

Epidemiology and transmission dynamics; evaluation of control measures by means of annual incidence of infection with Schistosoma japonicum among school children at Dagami, Leyte, Philippines. Tanaka H, et al.
Southeast Asian J Trop Med Public Health 1984 Dec;15(4):480-1

The present status of schistosomiasis in Japan. Tanaka H, et al. **Southeast Asian J Trop Med Public Health** 1984 Dec;15(4):475-7

The strain specificity of vaccination with ultra violet attenuated cercariae of the Chinese strain of Schistosoma japonicum. Moloney NA, et al.
Trans R Soc Trop Med Hyg 1985;79(2):245-7

[Control measures of schistosomiasis in the hilly and mountain regions of Pingguo County] Chen DY.
Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih 1984;2(3):203 (Chi)

[Measures and effects of schistosomiasis control in Liuhe Commune, Sanshui County] Xu GH.
Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih 1984;2(3):202 (Chi)

RADIOGRAPHY

CT of hepatic schistosomiasis mansoni. Fataar S, et al.
AJR 1985 Jul;145(1):63-6

CT of schistosomal calcification of the intestine. Fataar S, et al. **AJR** 1985 Jan;144(1):75-6

A case of schistosomiasis japonica: resolution of CAT-scan detected cerebral abnormalities without specific therapy. Kirchhoff LV, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1155-8

Case report of a patient having Schistosoma japonicum cerebritis and resolution of CAT brain scan abnormalities without specific antiparasitic therapy [letter] Watt G, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):823-4

Early schistosomiasis in a young immigrant. Thompson S.
Australas Radiol 1984 Aug;28(3):272-4

Schistosoma mansoni: its radiographic manifestations. Presented at the International Congress of Radiology, Brussels 1981. Pagán Saez H. **Bol Asoc Med PR** 1985 May;77(5):195-201

[Cerebral schistosomiasis. X-ray computed tomographic aspect. Apropos of a case] Bléry M, et al. **J Radiol** 1985 Feb;66(2):141-2 (Eng. Abstr.) (Fre)

[X-ray findings in urogenital bilharziosis] Sewcz C, et al.
Radiol Diagn (Berl) 1985;26(2):213-9 (Eng. Abstr.) (Ger)

[Acute course of schistosomiasis with pulmonary and hepatogenic localization] Lundershausen R, et al.
Z Gesamte Inn Med 1984 Aug 15;39(16):394-6 (Eng. Abstr.) (Ger)

RADIONUCLIDE IMAGING

Isotope renography and urinary schistosomiasis: a study in a Gambian community. Wilkins HA, et al.
Trans R Soc Trop Med Hyg 1985;79(3):306-13

SURGERY

Neurosurgical management of selected parasitic diseases of the Western Hemisphere. Ortiz-Suarez HJ. **Minn Med** 1985 Jul;68(7):541-3

[Surgical experience in 78 cases of cerebral schistosomiasis] Zhang CG, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Jan; 23(1):44-5, 64 (Eng. Abstr.) **(Chi)**

[Surgical treatment of hepatosplenic bilharziosis in the Ivory Coast. Apropos of 34 cases] Cornet L, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jan-Feb;20(1):13-6 (Eng. Abstr.) **(Fre)**

THERAPY

Injection sclerotherapy for esophageal varices caused by schistosomal hepatic fibrosis. Bessa SM, et al. **Surgery** 1985 Feb;97(2):164-8

TRANSMISSION

Urban transmission of urinary schistosomiasis in Dar es Salaam, Tanzania. Sarda RK, et al. **Acta Trop (Basel)** 1985 Mar;42(1):71-8

The role of essential fatty acids and prostaglandins in cercarial penetration (Schistosoma mansoni). Salafsky B, et al. **J Parasitol** 1984 Oct;70(5):656-60

Early and late shedding patterns of Schistosoma mansoni cercariae: ecological significance in transmission to human and murine hosts. Théron A. **J Parasitol** 1984 Oct; 70(5):652-5

Transmission of Schistosoma haematobium in North Gezira, Sudan. Babiker SM, et al. **J Trop Med Hyg** 1985 Apr; 88(2):65-73

Water resources development and schistosomiasis ecology in the Awash Valley, Ethiopia. Kloos H. **Soc Sci Med** 1985; 20(6):609-25

Schistosomiasis transmission dynamics and control in Southeast Asia. Upatham ES. **Southeast Asian J Trop Med Public Health** 1984 Dec; 15(4):452-61

The importance of age and water contact patterns in relation to Schistosoma haematobium infection. Barbour AD. **Trans R Soc Trop Med Hyg** 1985;79(2):151-3

[Distribution of local Oncomelania snail infestation without aboriginal human schistosomiasis] He SY. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Aug; 5(4):219-22 (Eng. Abstr.) **(Chi)**

[Activities of a Schistosoma mansoni focus of transmission in Martinique (French Antilles)] Pointier JP, et al. **Ann Parasitol Hum Comp** 1984;59(6):589-95 (Eng. Abstr.) **(Fre)**

[Factors responsible for preventing the carrying out of the Schistosoma mansoni cycle in the waters of Grande Terre of Guadeloupe (French Antilles)] Theron A, et al. **Ann Parasitol Hum Comp** 1985;60(2):155-64 (Eng. Abstr.) **(Fre)**

[Distribution of Biomphalaria and the transmission of Schistosoma in the Ruzizi Valley, Burundi: preliminary study] Gryseels B. **Ann Soc Belg Med Trop** 1985; 65(1):49-58 (Eng. Abstr.) **(Fre)**

[A schistosomal area of the Federal District: study of refuse disposal and the transmission of the disease] Correia CM, et al. **Rev Bras Malariol Doencas Trop** 1983;35:1-9 (Eng. Abstr.) **(Por)**

[Laboratory animal infection in modeling intestinal schistosomiasis] Zelia OP. **Parazitologiia** 1984 Sep-Oct; 18(5):368-73 (Eng. Abstr.) **(Rus)**

URINE

Evaluation of reagent strips in urine tests for detection of Schistosoma haematobium infection: a comparative study in Ghana and Zambia. Mott KE, et al. **Bull WHO** 1985; 63(1):125-33

Ova of Schistosoma mansoni in urine [letter] Woldemichael T, et al. **Ethiop Med J** 1985 Jul;23(3):137-8

Circadian variation of ova excretion, proteinuria, hematuria, and leukocyturia in urinary schistosomiasis. Doehring E, et al. **Kidney Int** 1985 Apr;27(4):667-71

VETERINARY

Vaccination of bovines against schistosomiasis japonica with highly irradiated schistosomula in China. Hsü SY, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):891-8

Protection of sheep against Schistosoma bovis using cryopreserved radiation-attenuated schistosomula. James ER, et al. **J Helminthol** 1985 Mar;59(1):51-5

A comparison of the efficiency of the percutaneous and per-oral routes of infection in caprine Schistosoma bovis infections. Kassuku A, et al. **J Helminthol** 1985 Mar; 59(1):23-8

Parasitological and pathological observations on schistosomiasis in sheep in Senegal. Vercruysse J, et al. **J Helminthol** 1984 Sep;58(3):219-20

Domestic and wild animals naturally infected with Schistosoma mansoni in the Gezira Irrigated Scheme, Sudan. Karoum KO, et al. **J Trop Med Hyg** 1985 Apr; 88(2):83-9

Clinical and pathologic features of experimental Schistosoma japonicum infection in pigs. Yason CV, et al. **Vet Parasitol** 1984 Dec;17(1):47-64

[Comparative studies of the development of Schistosoma japonicum in hamsters, mice and rats] Schmid K, et al. **Berl Munch Tierarztl Wochenschr** 1985 Jan 1;98(1):25-7 (Eng. Abstr.) **(Ger)**

SCHISTOSOMICIDES

ADMINISTRATION & DOSAGE

Dose-finding trial using Oltipraz to treat schoolchildren infected with Schistosoma mansoni in Gezira, Sudan. el Igail AB, et al. **J Trop Med Hyg** 1985 Apr;88(2):101-4

BLOOD

Plasma determination of 3-methylclonazepam by capillary gas chromatography. Coassolo P, et al. **J Chromatogr** 1985 Mar 22;338(2):347-55

[Radioimmunoassay of phenithionate (7720) and its clinical application] Tian YW. **Chung Hua Nei Ko Tsa Chih** 1984 May;23(5):281-3 (Eng. Abstr.) **(Chi)**

CHEMICAL SYNTHESIS

Synthesis of some tetrahydronaphthyl-1,2,4-triazines of possible schistosomicidal activity. Nabih I, et al. **Pharmazie** 1984 Dec;39(12):862-3

[Synthesis and biological activities of some new 3-methyl-5-nitrofuran derivatives] Lu JM, et al. **Yao Hsueh Hsueh Pao** 1984 Sep;19(9):660-6 (Eng. Abstr.) **(Chi)**

[Chemotherapeutic studies on schistosomiasis. XXXVI. Synthesis of derivatives of 4-phenyl-and 4-allyl-5-(pyrazinyl-2)-1, 2, 4-triazole-3-thio-ketone] Xu ML, et al. **Yao Hsueh Hsueh Pao** 1985 Feb;20(2):100-4 (Eng. Abstr.) **(Chi)**

[Synthesis of analogs of agrimophol] Yao RH, et al. **Yao Hsueh Hsueh Pao** 1984 Mar;19(3):228-31 (Eng. Abstr.) **(Chi)**

[Chemotherapeutic studies on schistosomiasis. XIV. Synthesis of coumaran derivatives and its analogs] Zhang XP, et al. **Yao Hsueh Hsueh Pao** 1984 Apr;19(4):306-8 (Eng. Abstr.) **(Chi)**

PHARMACODYNAMICS

Studies on the mode of action of oxamniquine and related schistosomicidal drugs. Pica-Mattoccia L, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):112-8

Schistosoma haematobium: amoscanate and adult worm ultrastructure. Leitch B, et al. **Exp Parasitol** 1984 Dec; 58(3):278-89

Effect of phosphonium salts and phosphoranes on the acetylcholinesterase activity and on the viability of Schistosoma mansoni parasites. Levi-Schaffer F, et al. **Int J Immunopharmacol** 1984;6(6):619-27

Evidence for the mode of antischistosomal action of hycanthone. Cioli D, et al. **Life Sci** 1985 Jul 15;37(2):161-7

[Studies on the mechanism of the antischistosomal action of praziquantel] Xiao SH. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):196-8 **(Chi)**

[Effect of artemether on the tegumental surface antigen of Schistosoma japonicum] Yue WJ, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):167-9 (Eng. Abstr.) **(Chi)**

[Effects of antischistosomal drugs on the respiration and glycolysis of Schistosoma japonicum] Huang ZY, et al. **Yao Hsueh Hsueh Pao** 1984 Sep;19(9):651-5 (Eng. Abstr.) **(Chi)**

[Studies on the schistosomicidal mechanism of fluoroacetic acid] Huang ZY, et al. **Yao Hsueh Hsueh Pao** 1984 Apr; 19(4):256-60 (Eng. Abstr.) **(Chi)**

[Effect of immune serum on the male Schistosoma japonicum subjected to pyquiton] Xiao SH, et al. **Yao Hsueh Hsueh Pao** 1985 Jan;20(1):10-6 (Eng. Abstr.) **(Chi)**

[Restatement of an experimental rodent model for the in vitro study of exo-erythrocyte schizonticides] Millet P, et al. **Ann Parasitol Hum Comp** 1985;60(2):211-2 **(Fre)**

THERAPEUTIC USE

The chemotherapy of schistosomiasis. Archer S. **Annu Rev Pharmacol Toxicol** 1985;25:485-508 (106 ref.)

Granulomatous cystitis: a reversible lesion in children. Wishahi MM, et al. **Eur Urol** 1984;10(6):368-9

Pharmacological manipulation of the chronic granulomatous reactions in the livers of mice infected with schistosomiasis. Rainsford KD. **Int J Tissue React** 1985;7(1):35-9

Field trials with Oltipraz against Schistosoma mansoni in the Gezira Irrigated Area, Sudan. Kardaman MW, et al. **J Trop Med Hyg** 1985 Apr;88(2):95-100

Resistance following drug attenuation (Ro 11-3128 or oxamniquine) of early Schistosoma mansoni infections in mice. Bickle QD, et al. **Parasitology** 1985 Apr;90 (Pt 2):325-38

Assessment of oltipraz in schistosomiasis mansoni. Clinical trial. Katz N, et al. **Rev Inst Med Trop Sao Paulo** 1984 May-Jun;26(3):147-51

Clinical study on cerebral schistosomiasis japonica on Leyte Island, Philippines: follow-up study 6 years after treatment with antischistosomal drugs. Hayashi M, et al. **Southeast Asian J Trop Med Public Health** 1984 Dec; 15(4):502-6

Clinical study on hepatosplenomegalic schistosomiasis japonica on Leyte Island: follow-up study 4 years after treatment with praziquantel. Hayashi M, et al. **Southeast Asian J Trop Med Public Health** 1984 Dec; 15(4):498-501

Experiences with praziquantel against Schistosoma japonicum infection in the Philippines. Noseñas JS, et al. **Southeast Asian J Trop Med Public Health** 1984 Dec; 15(4):489-97

Epidemiology and transmission dynamics; evaluation of control measures by means of annual incidence of infection with Schistosoma japonicum among school children at Dagami, Leyte, Philippines. Tanaka H, et al. **Southeast Asian J Trop Med Public Health** 1984 Dec; 15(4):480-1

A note on the efficacy of a new class of compounds, 9-acridanone-hydrazones, against Schistosoma mansoni in a primate--the baboon. Sturrock RF, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):129-31

[Epidemiologic study of 2 foci of Schistosoma mansoni bilharziasis in Togo (Lama Kara and Kpalimé). Comparative efficacy of oltipraz (RP 35972)] Lapierre J, et al. **Med Trop (Mars)** 1984 Apr-Jun;44(2):113-9 (Eng. Abstr.) **(Fre)**

SCHIZOAFFECTIVE DISORDER see **PSYCHOTIC DISORDERS**

SCHIZOID PERSONALITY DISORDER

DIAGNOSIS

[The problem of schizoid reactive psychoses in the light of data in the literature] Linka M. **Psychiatr Pol** 1984 Sep-Oct; 18(5):477-85 (19 ref.) **(Pol)**

FAMILIAL & GENETIC

[Slight sibling age difference--a risk factor in the genesis of schizoid disorders?] Lieberz K. **Nervenarzt** 1984 Nov; 55(11):596-601 (Eng. Abstr.) **(Ger)**

THERAPY

[Thematic concordance--development of a process parameter in psychotherapy] Knebusch R. **Psychother Psychosom Med Psychol** 1985 Jan;35(1):24-31 (Eng. Abstr.) **(Ger)**

SCHIZOMYCETES see under **BACTERIA**

SCHIZOPHRENIA

Schizophrenia--piecing it together [editorial] Webb M. **Ir Med J** 1985 May;78(5):118, 120

Chronic schizophrenia and Alzheimer's disease. The losses for parents, spouses and children compared. Wasow M. **J Chronic Dis** 1985;38(8):711-6

Bibliography and abstracts on schizophrenia. **Schizophr Bull** 1985;11(2):304-36

A five-year follow-up study of schizophrenia in Singapore. Tsoi WF, et al. **Singapore Med J** 1985 Apr;26(2):171-7

[An unusual case of self-mutilation] Zindr V, et al. **Cesk Psychiatr** 1985 Apr;81(2):103-5 (Eng. Abstr.) **(Cze)**

[Converging trends in schizophrenia research] van den Bosch RJ. **Ned Tijdschr Geneeskd** 1985 Jun 22;129(25):1179-82 **(Dut)**

[Bibliography of Manfred Bleuler 1928-1983] **Schweiz Arch Neurol Psychiatr** 1985;136(1):5-15 **(Ger)**

[Schizophrenia as a psychosomatic expression of mental disease. Reality of a single psychosis] Aldama de Llano JM. **Arch Neurobiol (Madr)** 1985 Mar-Apr;48(2):79-88 (Eng. Abstr.) **(Spa)**

BLOOD

Secretion pattern of endogenous opioids in chronic schizophrenia. Brambilla F, et al. **Am J Psychiatry** 1984 Oct;141(10):1183-9

Evaluating prolactin response to dopamine agonists in schizophrenia. Methodological problems. Davis BM, et al. **Arch Gen Psychiatry** 1985 Mar;42(3):259-64

Catecholamines and their receptors in blood: evidence for alterations in schizophrenia. Bondy B, et al. **Biol Psychiatry** 1984 Oct;19(10):1377-93

Platelet alpha-2-adrenergic dysfunction in negative symptom schizophrenia: a preliminary study. Rosen J, et al. **Biol Psychiatry** 1985 May;20(5):539-45

TRH response pattern in adolescent schizophrenic males. DeMilio L. **Br J Psychiatry** 1984 Dec;145:649-51

Neuroleptic serum levels measured by radioreceptor assay in patients receiving intramuscular depot neuroleptics. Some preliminary findings. Turbott J, et al. **Br J Psychiatry** 1985 Apr;146:439-42

Altered interrelationship of dopamine, prolactin, thyrotropin and thyroid hormone in schizophrenic patients. Rao ML, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(1):8-12

Abnormal phosphatidylinositol-cycle of platelet membrane in schizophrenia--a preliminary study. Kaiya H, et al. **Folia Psychiatr Neurol Jpn** 1984;38(4):437-44

Gc serum groups in schizophrenia. Rudduck C, et al. **Hum Hered** 1985;35(1):11-4

Membrane abnormalities in the psychoses and affective disorders. Hitzemann R, et al. **J Psychiatr Res** 1984; 18(3):319-26

Lithium transport in red cells of patients with affective disorders. Pandey GN, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):547-55

Binding of 3H-spiperone to human lymphocytes: a biological marker in schizophrenia? Bondy B, et al. **Psychiatry Res** 1985 May;15(1):41-8

Serotonin and schizophrenia: correlations between serotonergic activity and schizophrenic motor behavior. King R, et al. **Psychiatry Res** 1985 Mar;14(3):235-40

Leukocyte regulation in depression and schizophrenia. Kronfol Z, et al. **Psychiatry Res** 1984 Sep;13(1):13-8

Total and free plasma neuroleptic levels in schizophrenic patients. Tang SW, et al. **Psychiatry Res** 1984 Dec; 13(4):285-93

Evidence for a daily rhythm of plasma HVA in normal controls but not in schizophrenic patients. Doran AR, et al. **Psychopharmacol Bull** 1985;21(3):694-7

Platelet alpha-adrenergic receptor function in affective disorders and schizophrenia. Kafka MS, et al. **Psychopharmacol Bull** 1985;21(3):599-602

Plasma homovanillic acid concentration and the severity of schizophrenic illness. Davis KL, et al. **Science** 1985 Mar 29;227(4694):1601-2

Serum iron, total iron-binding capacity, transferrin and haptoglobin concentration in schizophrenic patients. Wong CT, et al. **Singapore Med J** 1985 Feb;26(1):103-5

Comparative determination of flupentixol in plasma by gas chromatography and radioimmunoassay in schizophrenic patients. Balant-Gorgia AE, et al. **Ther Drug Monit** 1985; 7(2):229-35

[Catecholaminergic receptors of the blood cells of schizophrenics] Ackenheil M, et al. **Encephale** 1985 May-Jun;11(3):95-100 (Eng. Abstr.) **(Fre)**

[Immunoglobulins of classes G, A and M in the serum of schizophrenics] Burbaeva GSh, et al. **Zh Nevropatol Psikhiatr** 1985;85(6):901-5 (Eng. Abstr.) **(Rus)**

[Cytotoxic activity of the serum of schizophrenic patients] Karas' IIu, et al. **Zh Nevropatol Psikhiatr** 1985;85(5):726-30 (Eng. Abstr.) **(Rus)**

CEREBROSPINAL FLUID

Relationship between CSF noradrenaline levels, C-EEG indicators of activation and psychosis ratings in drug-free schizophrenic patients. Kemali D, et al. **Acta Psychiatr Scand** 1985 Jan;71(1):19-24

CSF neurochemistry in depressed, manic, and schizophrenic patients compared with that of normal controls. Gerner RH, et al. **Am J Psychiatry** 1984 Dec;141(12):1533-40

A search for interferon in the CSF of chronic schizophrenic patients [letter] Roy A, et al. **Am J Psychiatry** 1985 Feb; 142(2):269

Permeability of the blood-brain barrier in psychiatric patients [letter] Torrey EF, et al. **Am J Psychiatry** 1985 May; 142(5):657-8

CSF copper concentrations [letter] Tyrer SP, et al. **Am J Psychiatry** 1985 Jan;142(1):143-4

Differences in cerebrospinal fluid proteins between patients with schizophrenia and normal persons. Harrington MG, et al. **Clin Chem** 1985 May;31(5):722-6

Cerebrospinal fluid neurophysins in affective illness and in schizophrenia. Linkowski P, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(3):162-5

Cytopathogenic cerebrospinal fluid from neurological and psychiatric patients. Taylor GR, et al. **Exp Mol Pathol** 1985 Apr;42(2):271-7

Lower CSF level of dynorphin(1-8) immunoreactivity in schizophrenic patients. Zhang AZ, et al. **Neuropeptides** 1985 Feb;5(4-6):553-6

Cerebrospinal fluid cholecystokinin, bombesin and somatostatin in schizophrenia and normals. Gerner RH, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985; 9(1):73-82

Delta-sleep inducing peptide in cerebrospinal fluid from schizophrenics, depressives and healthy volunteers. Lindström LH, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985; 9(1):83-90

Neuropeptides in CSF and post-mortem brain tissue of normal controls, schizophrenics and Huntington's choreics. Manberg PJ, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985; 9(1):97-108

Low HVA and normal 5HIAA CSF levels in drug-free schizophrenic patients compared to healthy volunteers: correlations to symptomatology and family history. Lindström LH. **Psychiatry Res** 1985 Apr;14(4):265-73

CSF monoamine metabolites in chronic schizophrenic patients who attempt suicide. Roy A, et al. **Psychol Med** 1985 May;15(2):335-40

Additional cerebrospinal fluid proteins found in schizophrenia and Creutzfeldt-Jakob disease. Harrington MG, et al. **Psychopharmacol Bull** 1985;21(3):361-4

Can CSF measures distinguish among schizophrenia, depression, movement disorders, and dementia? Stahl SM. **Psychopharmacol Bull** 1985;21(3):396-9

Decrease in dopamine, its metabolites and noradrenaline in cerebrospinal fluid of schizophrenic patients after withdrawal of long-term neuroleptic treatment. Bagdy G, et al. **Psychopharmacology (Berlin)** 1985;85(1):62-4

[The probenecid test and its application to research in schizophrenia] Chen YF. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Aug; 17(4):252-5 **(Chi)**

[Changes in the CSF levels of monoamine metabolites in 102 chronic schizophrenic patients following probenecid before and after neuroleptic medication] Chen YF. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Oct; 17(5):273-7 (Eng. Abstr.) **(Chi)**

[Interaction between neuropeptides and monoamines—causing imbalance in physical diseases?] Widerlöv E. **Lakartidningen** 1984 Dec 26;81(52):4943-6 **(Swe)**

CLASSIFICATION

Comparative genetical analysis: a new tool for validating the schizophrenia subtypes. Ungvári G. **Acta Med Hung** 1984; 41(4):229-38

Leonhard's classification of the chronic schizophrenias. Ban TA, et al. **Can J Psychiatry** 1984 Oct;29(6):467-72

Problems in classification of schizophrenics as neuroleptic responders and nonresponders. Csernansky JG, et al. **J Nerv Ment Dis** 1985 Jun;173(6):325-31 (93 ref.)

Subgroups in schizophrenia [letter] **Lancet** 1985 Jun 29; 1(8444):1502-3

Classifying schizophrenia [letter] Farmer A, et al. **Lancet** 1985 Jun 8;1(8441):1333

[Development of the concept of schizophrenia in the United States of America. I. Schizophrenia simplex] Wdowiak J, et al. **Psychiatr Pol** 1984 Nov-Dec;18(6):529-35 **(Pol)**

[Problem of the systematics of schizophrenia in light of current clinico-catamnestic, epidemiologic and clinico-genealogic information] Nadzharov RA, et al. **Zh Nevropatol Psikhiatr** 1985;85(1):66-78 (Eng. Abstr.) **(Rus)**

[Neurobiology of schizophrenia. I. Nosologic models] Iruela Cuadrado LM, et al. **Med Clin (Barc)** 1984 Sep 15; 83(7):304-6 **(Spa)**

COMPLICATIONS

Incidence of rheumatoid arthritis among patients with schizophrenia, affective psychosis and neurosis. Allebeck P, et al. **Acta Psychiatr Scand** 1985 Jun;71(6):615-9

Marijuana and psychosis [letter] Dave MJ. **Am Fam Physician** 1985 May;31(5):30

Course-related depressive syndromes in schizophrenia. Siris SG, et al. **Am J Psychiatry** 1984 Oct;141(10):1254-7

Ventricular enlargement in schizophrenia and the historical studies of John Haslam [letter] Waddington JL. **Am J Psychiatry** 1984 Dec;141(12):1640

Schizophrenics with tardive dyskinesia. Neuropsychological deficit and family psychopathology. Wegner JT, et al. **Arch Gen Psychiatry** 1985 Sep;42(9):860-5

Transient grasp reflexes in schizophrenia. Lohr JB. **Biol Psychiatry** 1985 Feb;20(2):172-5

Deficient motor synchrony in schizophrenic disorders: clinical correlates. Manschreck TC, et al. **Biol Psychiatry** 1985 Sep;20(9):990-1002

Erotomania in Schneider-positive schizophrenia. A case report. Hayes M, et al. **Br J Psychiatry** 1985 Jun;146:661-3

Eating disorders in schizophrenia. Lyketsos GC, et al. **Br J Psychiatry** 1985 Mar;146:255-61

Smoking and malignancy in schizophrenia. Masterson E, et al. **Br J Psychiatry** 1984 Oct;145:429-32

Electroencephalogram in tardive dyskinesia. Wolf ME, et al. **Clin Electroencephalogr** 1984 Oct;15(4):222-5

Suicide among schizophrenics: a review. Drake RE, et al. **Compr Psychiatry** 1985 Jan-Feb;26(1):90-100 (38 ref.)

Critical treatment issues in suicide among schizophrenics. Cotton PG, et al. **Hosp Community Psychiatry** 1985 May; 36(5):534-6

Late onset involuntary movements in chronic schizophrenia: age-related vulnerability to 'tardive' dyskinesia independent of extent of neuroleptic medication. Waddington JL, et al. **Ir Med J** 1985 May;78(5):143-6

Polydipsia and chronic hyponatremia in schizophrenic inpatients. Kirch DG, et al. **J Clin Psychiatry** 1985 May; 46(5):179-81

Recent psychostimulant use in hospitalized schizophrenics. Richard ML, et al. **J Clin Psychiatry** 1985 Mar;46(3):79-83

Oral sodium chloride in the management of schizophrenic patients with self-induced water intoxication. Vieweg WV, et al. **J Clin Psychiatry** 1985 Jan;46(1):16-9

Effects of carbamazepine on plasma haloperidol levels. Jann MW, et al. **J Clin Psychopharmacol** 1985 Apr;5(2):106-9

Differential language characteristics in adult aphasic and schizophrenic subjects. Halpern H, et al. **J Commun Disord** 1984 Oct;17(5):289-307

Homocystinuria and schizophrenia. Literature review and case report. Bracken P, et al. **J Nerv Ment Dis** 1985 Jan; 173(1):51-5

Death from self-induced water intoxication among patients with schizophrenic disorders. Vieweg WV, et al. **J Nerv Ment Dis** 1985 Mar;173(3):161-5

Tobacco smoking and hyponatremia in psychiatric patients [letter] Yium JJ. **JAMA** 1985 May 24-31;253(20):2959

Relationship between schizophrenia and psychosomatic illness: a review. Ananth J, et al. **Neuropsychobiology** 1984; 12(2-3):138-41

Increased urine volume in chronic schizophrenic patients. Lawson WB, et al. **Psychiatry Res** 1985 Apr;14(4):323-31

Ineffectiveness of vasopressin in the treatment of memory impairment in chronic schizophrenia. Stein D, et al. **Psychopharmacology (Berlin)** 1984;84(4):566-8

Rheumatoid arthritis and schizophrenia: are they mutually exclusive? Malek-Ahmadi P. **Semin Arthritis Rheum** 1985 Aug;15(1):70-2

[Psychopathology and clinical picture of coupled affective paroxysms in schizophrenia] Katan EG. **Zh Nevropatol Psikhiatr** 1985;85(1):89-94 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

The DST in newly hospitalized patients [letter] **Am J Psychiatry** 1985 Aug;142(8):999-1000

Major depression with mood-congruent or mood-incongruent psychotic features: outcome after 40 years. Coryell W, et al. **Am J Psychiatry** 1985 Apr; 142(4):479-82

Susceptibility to backward masking in schizophrenic patients with positive or negative symptoms. Green M, et al. **Am J Psychiatry** 1984 Oct;141(10):1273-5

Plasma amine oxidase and clinical features of schizophrenia. Gruen R, et al. **Am J Psychiatry** 1985 Aug;142(8):972-3

The dexamethasone suppression test and residual schizophrenia [letter] Harris VJ. **Am J Psychiatry** 1985 May;142(5):659-60

The course of psychosis in early phases of schizophrenia. Harrow M, et al. **Am J Psychiatry** 1985 Jun;142(6):702-7

On sinistrality and sex differences in schizophrenia [letter] Hauser P, et al. **Am J Psychiatry** 1985 Oct;142(10):1228

Prospective study of prodromal symptoms in schizophrenic relapse. Heinrichs DW, et al. **Am J Psychiatry** 1985 Mar; 142(3):371-3

The dexamethasone suppression test in newly hospitalized schizophrenic patients. Herz MI, et al. **Am J Psychiatry** 1985 Jan;142(1):127-9

Mania with emotional blunting: affective disorder or schizophrenia? Jampala VC, et al. **Am J Psychiatry** 1985 May;142(5):608-12

Subtype stability in schizophrenia. Kendler KS, et al. **Am J Psychiatry** 1985 Jul;142(7):827-32

A reevaluation of Schreber's case [letter] Kendler KS, et al. **Am J Psychiatry** 1985 Sep;142(9):1121-3

Diagnosing schizophrenia in 1982: the effect of DSM-III. Lipkowitz MH, et al. **Am J Psychiatry** 1985 May; 142(5):634-7

Platelet MAO in functional psychoses with evidence of brain atrophy [letter] Luchins DJ, et al. **Am J Psychiatry** 1985 Aug;142(8):996-7

Midsagittal sections of the cerebellar vermis and fourth ventricle obtained with magnetic resonance imaging of schizophrenic patients. Mathew RJ, et al. **Am J Psychiatry** 1985 Aug;142(8):970-1

Family expressed emotion and relapse in schizophrenia in 24 urban American patients. Moline RA, et al. **Am J Psychiatry** 1985 Sep;142(9):1078-81

Possible dexamethasone influences on subsequent serial DST results [letter] Rihmer Z, et al. **Am J Psychiatry** 1985 Apr; 142(4):519-20

Schizophrenia and cerebral laterality. Lee JH, et al. **Ann Acad Med Singapore** 1985 Jan;14(1):91-4

The appropriate use of criteria for schizophrenia [letter] Abrams R, et al. **Arch Gen Psychiatry** 1985 Apr;42(4):422-4

Positive and negative symptoms and Jackson. A conceptual history. Berrios GE. **Arch Gen Psychiatry** 1985 Jan; 42(1):95-7

Atrophy limited to the third ventricle in chronic schizophrenic patients. Report of a controlled series. Boronow J, et al. **Arch Gen Psychiatry** 1985 Mar; 42(3):266-71

Diagnosis and prognosis in schizophrenia. Cloninger CR, et al. **Arch Gen Psychiatry** 1985 Jan;42(1):15-25

Schneider's first-rank symptoms of schizophrenia. An association with increased growth hormone response to apomorphine. Whalley LJ, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1040-3

The Dexamethasone Suppression Test in depression, in schizophrenia, and during experimental stress. Baumgartner A, et al. **Biol Psychiatry** 1985 Jun;20(6):675-9

How serious is schizophrenia? Comments on prognosis. Harding CM, et al. **Biol Psychiatry** 1984 Dec; 19(12):1597-600

Abnormalities of blink rate in psychoses: a preliminary report. Helms PM, et al. **Biol Psychiatry** 1985 Jan;20(1):103-6

The skin conductance orienting response in neuroleptic-free schizophrenics: replication of the scoring criteria effect. Levinson DF, et al. **Biol Psychiatry** 1985 Jun;20(6):646-53

Body temperatures in psychiatric disorders [letter] McDonald C, et al. **Biol Psychiatry** 1985 Jul;20(7):817

Contingent negative variation and schizophrenia: a long-term follow-up study. Rizzo PA, et al. **Biol Psychiatry** 1984 Dec;19(12):1719-24

Schizophrenia in old age (late paraphrenia). Grahame PS. **Br J Psychiatry** 1984 Nov;145:493-5

Schizophrenia with good and poor outcome. III: Neurological 'soft' signs, cognitive impairment and their clinical significance. Kolakowska T, et al. **Br J Psychiatry** 1985 Apr;146:348-57

Changes in the diagnoses of the functional psychoses associated with the introduction of lithium. Parker G, et al. **Br J Psychiatry** 1985 Apr;146:377-82

Borderline personality: DSM-III versus a previous usage. Hamilton NG, et al. **Bull Menninger Clin** 1984 Nov; 48(6):540-3

The signs and symptoms of schizophrenia. Alpert M. **Compr Psychiatry** 1985 Mar-Apr;26(2):103-12

Noncomparability of research results that are related to psychiatric diagnoses. Chang MM, et al. **Compr Psychiatry** 1985 Mar-Apr;26(2):195-207

Late-onset schizophrenia: a review. Volavka J. **Compr Psychiatry** 1985 Mar-Apr;26(2):148-56 (24 ref.)

Social disability in schizophrenia: the controlled prospective Burghölzli study II. Premorbid living situation and social adjustment--comparison with a normal control sample. Isele R, et al. **Eur Arch Psychiatry Neurol Sci** 1985; 234(5):348-56

Social disability in schizophrenia: the controlled prospective Burghölzli study. I. Case-finding, research design, and characteristics of samples. Isele R, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(5):341-7

Is 'schizophrenia, schizo-affective type' a useful diagnosis? Ten years experience from Danish psychiatric hospitals. Jensen EB. **Eur Arch Psychiatry Neurol Sci** 1984; 234(4):285-9

Frequency of occurrence of Schneider's first rank symptoms in Schizophrenia. Marneros A. **Eur Arch Psychiatry Neurol Sci** 1984;234(1):78-82

Schizophrenia suspecta. Marneros A, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(4):207-11

The diagnostic value in assessing mood congruence in delusions and hallucinations and their relationship to the affective state. Winokur G, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(5):299-302

Disclosing diagnosis: a parent's view [letter] Garatt MW. **Hosp Community Psychiatry** 1985 Feb;36(2):191

Identifying schizoid-taxon membership with the Golden-Meehl MMPI items. Nichols DS, et al. **J Abnorm Psychol** 1985 May;94(2):191-4

Relationship of gender and marital status with symptomatology in psychotic patients. Walker E, et al. **J Abnorm Psychol** 1985 Feb;94(1):42-50

Duration criteria and long-term outcome in affective disorder and schizophrenia. Loyd DW, et al. **J Affective Disord** 1985 Jul;9(1):35-9

Cerebral asymmetry in subtypes of schizophrenia. Tsai LY, et al. **J Clin Psychiatry** 1984 Oct;45(10):423-5

A long-term follow-up of schizophrenic patients: 1946-1983. Watts CA. **J Clin Psychiatry** 1985 Jun;46(6):210-6

The schizophrenia spectrum: a study of the relationship among the Rorschach, MMPI, and visual backward masking. Saccuzzo DP, et al. **J Clin Psychol** 1984 Nov; 40(6):1288-94

Examining the Chapman and Chapman theory of schizophrenia through continuous word association with two nosological systems. Silverstein ML, et al. **J Clin Psychol** 1984 Sep;40(5):1127-35

The schizophrenia-organicity (SC-O) and psychiatric-organic (P-O) MMPI scales: a review. Watson CG. **J Clin Psychol** 1984 Jul;40(4):1008-23

MMPI codetypes characteristic of DSM-III schizophrenics, depressives, and bipolars. Winters KC, et al. **J Clin Psychol** 1985 May;41(3):382-6

A word-ordering test to differentiate between aphasia and schizophrenia. Dewolfe AS, et al. **J Commun Disord** 1985 Feb;18(1):49-58

Cerebral CAT scan imaging in schizophrenic and bipolar patients. Lippmann S, et al. **J Ky Med Assoc** 1985 Jan; 83(1):13-5

Echocardiographic assessment of schizophrenics and manics: a reexamination of early necropsy findings. Coffman JA, et al. **J Nerv Ment Dis** 1985 Mar;173(3):179-81

Suicide among schizophrenics. Who is at risk? Drake RE, et al. **J Nerv Ment Dis** 1984 Oct;172(10):613-7

Thought disorder. A function of schizophrenia, mania, or psychosis? Marengo J, et al. **J Nerv Ment Dis** 1985 Jan; 173(1):35-41

Symptomatic, familial, perinatal, and social correlates of computerized axial tomography (CAT) changes in schizophrenics and bipolars. Pearlson GD, et al. **J Nerv Ment Dis** 1985 Jan;173(1):42-50

Ethnicity and reporting of schizophrenic symptoms. Randolph ET, et al. **J Nerv Ment Dis** 1985 Jun; 173(6):332-40

Marital status of schizophrenic and alcoholic patients. Reich J, et al. **J Nerv Ment Dis** 1985 Aug;173(8):499-502

Biological markers for schizophrenia and the biological high-risk approach. Siever LJ, et al. **J Nerv Ment Dis** 1985 Jan;173(1):4-16 (131 ref.)

Neuropsychological dysfunction in schizophrenia. Relation to associative thought disorder. Silverstein ML, et al. **J Nerv Ment Dis** 1985 Jun;173(6):341-6

The Goldberg neurotic-psychotic rule and MMPI 2-7-8 patients. Roy RE. **J Pers Assess** 1984 Aug;48(4):398-402

Percentage conversions as a method of enhancing clinical discriminations. Wagner EE, et al. **J Pers Assess** 1984 Dec; 48(6):617-9

Identifying schizophrenia by means of scale 8 Sc of the MMPI. Walters GD. **J Pers Assess** 1984 Aug;48(4):390-1

Blood monoamine oxidases and CT scans in subgroups of chronic schizophrenics. Tachiki KH, et al. **J Psychiatr Res** 1984;18(3):233-43

Computed tomography (CT) findings in schizophrenia: speculation on the meaning of it all. Weinberger DR. **J Psychiatr Res** 1984;18(4):477-90

Pseudoneurotic and pseudopsychopathic schizophrenia: a follow-up. Holmesland P, et al. **Neuropsychobiology** 1984; 12(2-3):101-5

Comparison of the AMP system and the CPRS with regard to interrater reliability. Maurer M, et al. **Neuropsychobiology** 1984;12(1):27-33

Neurobehavioral deficit and computed tomographic abnormalities in three samples of schizophrenic patients. Adams KM, et al. **Percept Mot Skills** 1984 Aug;59(1):115-9

The Trail Making Test and Canter Background Interference Procedure in screening for organicity in chronic schizophrenia: a preliminary report. Nadler IM, et al. **Percept Mot Skills** 1984 Oct;59(2):403-6

Description and distribution of the subtypes of chronic schizophrenia based on Leonhard's classification. Ban TA, et al. **Psychiatr Dev** 1984 Autumn;2(3):179-99

Clinical study of acute schizophrenia: onset, symptomatology, evolution and outcome. Warnes H. **Psychiatr J Univ Ottawa** 1984 Sep;9(3):121-6

Testing the REM sleep phasic event intrusion hypothesis of schizophrenia. Benson KL, et al. **Psychiatry Res** 1985 Jul; 15(3):163-73

Positive and negative symptoms in schizophrenia. Rosen WG, et al. **Psychiatry Res** 1984 Dec;13(4):277-84

Item selection for profiles: a reanalysis of an international profile of schizophrenia. Kraemer HC. **Psychol Bull** 1984 Sep;96(2):415-23

Positive symptoms and the organization within and between ideas in schizophrenic speech. Allen HA, et al. **Psychol Med** 1985 Feb;15(1):71-80

Some cognitive correlates of schizophrenic illnesses. Robertson G, et al. **Psychol Med** 1985 Feb;15(1):81-98

Comparison of process-reactive measures in DSM-III diagnosed schizophrenics. Cheselka O, et al. **Psychol Rep** 1984 Dec;55(3):1003-8

First rank symptoms and diagnosis of schizophrenia in developing countries. Ahmed SH, et al. **Psychopathology** 1984;17(5-6):275-9

Vulnerability to schizophrenia: childhood indicators predict adult outcome. Hartmann E, et al. **Psychopharmacol Bull** 1985;21(3):503-8

Methylphenidate challenge tests and course of schizophrenia. Lieberman JA, et al. **Psychopharmacol Bull** 1985; 21(1):123-9

Magnetic resonance imaging studies of schizophrenia. Smith RC, et al. **Psychopharmacol Bull** 1985;21(3):588-94

Distractibility as a marker of vulnerability to schizophrenia. Spring B. **Psychopharmacol Bull** 1985;21(3):509-12

Are there state-dependent markers in schizophrenia? van Kammen DP, et al. **Psychopharmacol Bull** 1985; 21(3):497-502

Involuntary disorders of movement in chronic schizophrenia--the role of the illness and its treatment. Owens DG. **Psychopharmacology [Suppl]** 1985;2:79-87

Positive vs. negative schizophrenia: a critical evaluation. Andreasen NC. **Schizophr Bull** 1985;11(3):380-9

Symptomatic and neuropsychological components of defect states. Bilder RM, et al. **Schizophr Bull** 1985;11(3):409-19

Positive and negative schizophrenic symptoms, attention, and information processing. Cornblatt BA, et al. **Schizophr Bull** 1985;11(3):397-408

The two-syndrome concept: origins and current status. Crow TJ. **Schizophr Bull** 1985;11(3):471-86

An empirical test of a Kraepelinian vs. a Bleulerian view of negative symptoms. Gibbons RD, et al. **Schizophr Bull** 1985;11(3):390-6

Critical stimulus duration: schizophrenic trait or state? Merritt RD, et al. **Schizophr Bull** 1985;11(3):341-3

Increased critical stimulus duration: vulnerability or episode indicator? Nuechterlein KH, et al. **Schizophr Bull** 1985; 11(3):344-6

Negative symptoms in schizophrenia: their longitudinal course and prognostic importance. Pogue-Geile MF, et al. **Schizophr Bull** 1985;11(3):427-39

'Negative symptoms': conceptual and methodological problems. Sommers AA. **Schizophr Bull** 1985;11(3):364-79

Negative symptoms: future developments of the concept. Strauss JS. **Schizophr Bull** 1985;11(3):457-60

Prognosis and outcome using broad (DSM-II) and narrow (DSM-III) concepts of schizophrenia. Westermeyer JF, et al. **Schizophr Bull** 1984;10(4):624-37

Negative symptoms: are they indigenous to schizophrenia? Zubin J. **Schizophr Bull** 1985;11(3):461-70

[Comparative studies on the diagnostic criteria of schizophrenia in China and in America from the viewpoint of clinical practice] Chen DY. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Apr; 17(2):90-2 (Eng. Abstr.) **(Chi)**

[Comparative study on the dexamethasone suppression test in major depression and acute schizophrenia] Gu NF. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Feb; 18(1):36-40 (Eng. Abstr.) **(Chi)**

[Computed tomographic detection of organic cerebral changes in schizophrenia] Gu NF. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Jun; 17(3):178-81 **(Chi)**

[An evaluation of diagnostic criteria of schizophrenia formulated by the Chinese Medical Association in 1981] Zhang M. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Apr; 17(2):93-6 (Eng. Abstr.) **(Chi)**

[5-year follow-up of the Prague group of mentally ill patients. II. Results. Report from the WHO International Research Study on Schizophrenia] Skoda C, et al. **Cesk Psychiatr** 1984 Jun;80(3):155-64 (Eng. Abstr.) **(Cze)**

[Polydiagnostic approach in psychiatric research] Berner P, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):825-31 **(Fre)**

[Contribution to the study of the relation between hysterical neurosis and schizophrenic psychosis] Le Roux A, et al. **Ann Med Psychol (Paris)** 1984 Jul-Aug;142(7):975-88 (Eng. Abstr.) **(Fre)**

[Phenomenology of schizophrenia] Tatossian A. **Schweiz Arch Neurol Neurochir Psychiatr** 1984;135(1):9-15 **(Fre)**

[Differential diagnosis of so-called drug-induced and endogenous psychoses] Lungershausen E. **Fortschr Med** 1984 Dec 6;102(45):1149-52 (Eng. Abstr.) **(Ger)**

[Psychopathometric cross sectional study in aged chronic schizophrenic patients] Benos J. **Fortschr Neurol Psychiatr** 1984 Jul;52(7):223-36 (Eng. Abstr.) **(Ger)**

[InSka (Intentionality Scale)--a new psychopathometric instrument for the detection of schizophrenic residual symptoms] Mundt C, et al. **Nervenarzt** 1985 Mar; 56(3):146-9 **(Ger)**

[Substrate near-basic disorder or nosologically ambiguous subjective cognitive disorder? Critical analysis of the Frankfurt Complaint Questionnaire by Süllwold] Teusch L. **Nervenarzt** 1985 May;56(5):265-9 **(Ger)**

[Clinico-psychologic studies on the problem of functional psychotic deterioration in schizophrenia] Kohlmann-Joss M, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Jan; 37(1):11-21 (Eng. Abstr.) **(Ger)**

[Cognitive disorders in endogenous psychoses] Plaum E, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Jan; 37(1):22-9 (Eng. Abstr.) **(Ger)**

[Comparative clinicogenetic study of schizophrenic psychoses] Ungvári G. **Psychiatr Neurol Med Psychol (Leipz)** 1985 May; 37(5):262-71 (Eng. Abstr.) **(Ger)**

[A new form of schizophrenia] Fiume S. **Minerva Psichiatr** 1984 Jul-Sep;25(3):193-5 **(Ita)**

[Symptomatology of the initial psychotic signs in schizophrenia diagnosed at onset as a pseudoneurotic syndrome] Perzyński J. **Psychiatr Pol** 1984 Nov-Dec; 18(6):561-6 (Eng. Abstr.) **(Pol)**

[Onset modalities of schizophrenia in young people] Clejan G, et al. **Rev Med Interna [Neurol Psihiatr]** 1984 Oct-Dec; 29(4):307-10 (Eng. Abstr.) **(Rum)**

[Evolution within the 1st years of its onset: a prognostic criterion in schizophrenia?] Lăzărescu M, et al. **Rev Med Interna [Neurol Psihiatr]** 1985 Jan-Mar; 30(1):57-63 (Eng. Abstr.) **(Rum)**

[Clinical features of the defect in the initial stages of juvenile malignant schizophrenia] Abramova LI, et al. **Zh Nevropatol Psikhiatr** 1984;84(8):1193-8 (Eng. Abstr.) **(Rus)**

[Effect of aging and senile dementia on the course of schizophrenia] Bukatina EE. **Zh Nevropatol Psikhiatr** 1984; 84(9):1345-50 (Eng. Abstr.) **(Rus)**

[Problem of evaluation of the results of psychopathologic examinations] Lavrinovich AN, et al. **Zh Nevropatol Psikhiatr** 1984;84(12):1827-32 (Eng. Abstr.) **(Rus)**

[Effect of exogenous factors on clinical features of initial disorders in adolescent schizophrenia] Mestiashvili MG, et al. **Zh Nevropatol Psikhiatr** 1984;84(10):1531-3 (Eng. Abstr.) **(Rus)**

[Typology of delusional states in schizophrenic patients] Moiseeva MI. **Zh Nevropatol Psikhiatr** 1985;85(1):78-83 (Eng. Abstr.) **(Rus)**

[Various statistical patterns in the course of malignant schizophrenia] Novikov VN, et al. **Zh Nevropatol Psikhiatr** 1984;84(8):1198-203 (Eng. Abstr.) **(Rus)**

[Features of the clinical picture and socio-demographic characteristics of patients with late schizophrenia (according to the results of an epidemiologic survey] Orudzhev IaS. **Zh Nevropatol Psikhiatr** 1985;85(4):588-94 (Eng. Abstr.) **(Rus)**

[Population patterns in the dynamics of episodes and remission in patients with endogenous psychoses] Shmaonova LM, et al. **Zh Nevropatol Psikhiatr** 1985; 85(5):730-6 (Eng. Abstr.) **(Rus)**

[Dynamics of negative disorders and the problem of differentiating paroxysmal schizophrenia (epidemiologic study)] Shmaonova LM, et al. **Zh Nevropatol Psikhiatr** 1984;84(8):1177-87 (Eng. Abstr.) **(Rus)**

DIET THERAPY

Statistical power of the controlled research on wheat gluten and schizophrenia. King DS. **Biol Psychiatry** 1985 Jul; 20(7):785-7

DRUG THERAPY

Differential response to amphetamine in schizophrenia. Cesarec Z, et al. **Acta Psychiatr Scand** 1985 May; 71(5):523-38

Clonazepam--antipsychotic effect in a case of schizophrenia-like psychosis with epilepsy and in three cases of atypical psychosis. Frykholm B. **Acta Psychiatr Scand** 1985 May;71(5):539-42

A scale for detection of negative attitudes towards medication among relatives of schizophrenic patients. Mantonakis J, et al. **Acta Psychiatr Scand** 1985 Feb;71(2):186-9

Five-year follow-up study of tardive dyskinesia. Gardos G, et al. **Adv Biochem Psychopharmacol** 1985;40:37-42

Neuroendocrinological and biochemical effects of chronic neuroleptic treatment. Hippius H, et al. **Adv Biochem Psychopharmacol** 1985;40:9-13 (25 ref.)

Tolerance to prolactin secretion in the long-term treatment with neuroleptics in schizophrenia. Igarashi Y, et al. **Adv Biochem Psychopharmacol** 1985;40:95-8

Neuroendocrine effects of haloperidol decanoate in patients with chronic schizophrenia. Meco G, et al. **Adv Biochem Psychopharmacol** 1985;40:89-93

Long-acting therapy of schizophrenia. Rapisarda V, et al. **Adv Biochem Psychopharmacol** 1985;40:25-8

Long-term reserpine use in selected refractory outpatients [letter] Bacher N, et al. **Am J Psychiatry** 1985 Mar;142(3):386-7

Relief of chronic intractable hallucinosis in residual schizophrenia with oxazepam [letter] Lewis R. **Am J Psychiatry** 1985 Jun;142(6):785

Psychopharmacologic and clinical correlates of attention in chronic schizophrenia. Strauss ME, et al. **Am J Psychiatry** 1985 Apr;142(4):497-9

Case report of phenothiazine-induced torsade de pointes. Wilson WH, et al. **Am J Psychiatry** 1984 Oct;141(10):1265-6

Tardive dyskinesia in schizophrenic outpatients. Kok LP, et al. **Ann Acad Med Singapore** 1985 Jan;14(1):87-90

Cholecystokinin-mediated synaptic function and the treatment of neuropsychiatric disease. Chase TN, et al. **Ann NY Acad Sci** 1985;448:553-61

The effects of cholecystokinin-like peptides in schizophrenics and normal human subjects. Hommer DW, et al. **Ann NY Acad Sci** 1985;448:542-52

Reduced cholecystokinin levels in cerebrospinal fluid of parkinsonian and schizophrenic patients. Effect of ceruletide in schizophrenia. Lotstra F, et al. **Ann NY Acad Sci** 1985;448:507-17

Antipsychotic effects of ceruletide in chronic schizophrenia. An appraisal of the long-term, intermittent medication of ceruletide in chronic schizophrenia. Moroji T, et al. **Ann NY Acad Sci** 1985;448:518-34

Clinical and neuroendocrine studies with cholecystokinin peptides. Nair NP, et al. **Ann NY Acad Sci** 1985;448:535-41

The interpretation of plasma haloperidol concentrations. Kirch DG, et al. **Arch Gen Psychiatry** 1985 Aug;42(8):838-40

Costs and benefits of two doses of fluphenazine. Marder SR, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1025-9

Informing patients about tardive dyskinesia. Munetz MR, et al. **Arch Gen Psychiatry** 1985 Sep;42(9):866-71

Apomorphine's antipsychotic activity [letter] Schaffer MH, et al. **Arch Gen Psychiatry** 1985 Sep;42(9):927-8

Haloperidol. Plasma levels and prolactin response as predictors of clinical improvement in schizophrenia: chemical v radioreceptor plasma level assays. Smith RC, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1044-9

Relation of neuroleptic dose and tardive dyskinesia to attention, information-processing, and psychophysiology in medicated schizophrenics. Spohn HE, et al. **Arch Gen Psychiatry** 1985 Sep;42(9):849-59

Plasma haloperidol levels: clinical response and fancy mathematics [letter] Van Putten T, et al. **Arch Gen Psychiatry** 1985 Aug;42(8):835-8

Treatment outlines for schizophrenia [letter] **Aust NZ J Psychiatry** 1984 Sep;18(3):287-9

The need for a choice of depot antipsychotics [letter] Cantor C. **Aust NZ J Psychiatry** 1984 Dec;18(4):394

High-dose naloxone administration in chronic schizophrenia. Cohen MR, et al. **Biol Psychiatry** 1985 May;20(5):573-5

Carbamazepine-induced reduction of blood levels of haloperidol in chronic schizophrenia. Kidron R, et al. **Biol Psychiatry** 1985 Feb;20(2):219-22

Effect of valproic acid on behavior and plasma amino acid concentrations in chronic schizophrenic patients. Ko GN, et al. **Biol Psychiatry** 1985 Feb;20(2):209-15

Ceruletide for schizophrenia: a double-blind study. Mattes JA, et al. **Biol Psychiatry** 1985 May;20(5):533-8

A treatment trial with an analog of thyrotropin-releasing hormone (DN-1417) in schizophrenia. Mizuki Y, et al. **Biol Psychiatry** 1985 Sep;20(9):1030-5

Fenfluramine and chronic schizophrenia. Shore D, et al. **Biol Psychiatry** 1985 Mar;20(3):349-52

Parkinsonism induced by high doses of diazepam. Suranyi-Cadotte BE, et al. **Biol Psychiatry** 1985 Apr;20(4):455-7

Long-term depot maintenance of chronic schizophrenic out-patients: the seven year follow-up of the Medical Research Council fluphenazine/placebo trial I. Course of illness, stability of diagnosis, and the role of a special maintenance clinic. Curson DA, et al. **Br J Psychiatry** 1985 May;146:464-9

Long-term depot maintenance of chronic schizophrenic out-patients: the seven year follow-up of the Medical Research Council fluphenazine/placebo trial. III. Relapse postponement or relapse prevention? The implications for long-term outcome. Curson DA, et al. **Br J Psychiatry** 1985 May;146:474-80

Long-term depot maintenance of chronic schizophrenic out-patients: the seven year follow-up of the Medical Research Council fluphenazine/placebo trial. II. The incidence of compliance problems, side-effects, neurotic symptoms and depression. Curson DA, et al. **Br J Psychiatry** 1985 May;146:469-74

Schizophrenia with good and poor outcome. I: Early clinical features, response to neuroleptics and signs of organic dysfunction. Kolakowska T, et al. **Br J Psychiatry** 1985 Mar;146:229-39

Zetidoline, a new antipsychotic. First controlled trial in acute schizophrenia. Silverstone T, et al. **Br J Psychiatry** 1984 Sep;145:294-9

Prediction of response to neuroleptic drug therapy in schizophrenia. Awad AG. **Can J Psychiatry** 1985 Jun;30(4):241-2

Computed tomographic brain studies and treatment response in schizophrenia. Bird JM. **Can J Psychiatry** 1985 Jun;30(4):251-4

Early subjective response and prediction of outcome to neuroleptic drug therapy in schizophrenia. Hogan TP, et al. **Can J Psychiatry** 1985 Jun;30(4):246-8

Clinical and demographic correlates of neuroleptic response. Seeman MV. **Can J Psychiatry** 1985 Jun;30(4):243-5

Prediction of treatment response in schizophrenia: clinical use of neuroleptic blood levels. Tang SW. **Can J Psychiatry** 1985 Jun;30(4):249-50

Lipids and apolipoproteins in patients treated with major tranquilizers. Sasaki J, et al. **Clin Pharmacol Ther** 1985 Jun;37(6):684-7

Ten-year follow-up of schizophrenic patients on pipothiazine palmitate. Imlah NW, et al. **Curr Med Res Opin** 1985;9(7):449-53

Plasma haloperidol levels and therapeutic response in acute mania and schizophrenia. Balant-Gorgia AE, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(1):1-4

Clinical efficacy, extrapyramidal symptoms and serum levels: influence of administration schedules and concomitant drugs on serum bromperidol concentrations. Fujii Y, et al. **Folia Psychiatr Neurol Jpn** 1984;38(2):121-36

Competency to stand trial: neuroleptic medication and demeanor in court. Geller JL, et al. **Hosp Community Psychiatry** 1985 Jan;36(1):6-7

Ethical considerations in research on methadone in the treatment of schizophrenia. Hartman N, et al. **Hosp Community Psychiatry** 1984 Nov;35(11):1087-8, 1164

A team approach to pharmacologic treatment of chronic schizophrenia. Keith SJ, et al. **Hosp Community Psychiatry** 1984 Aug;35(8):802-5

Legal liability for tardive dyskinesia. Wettstein RM, et al. **Hosp Community Psychiatry** 1984 Oct;35(10):992-4

The metyrapone test in affective disorders and schizophrenia II. Changes upon treatment. Perini GI, et al. **J Affective Disord** 1984 Dec;7(3-4):265-72

Withdrawal symptoms after long-term treatment with low-potency neuroleptics. Chouinard G, et al. **J Clin Psychiatry** 1984 Dec;45(12):500-2

Drugs and the quality of life: the patient's point of view. Diamond R. **J Clin Psychiatry** 1985 May;46(5 Pt 2):29-35

Comparison of injectable molindone and haloperidol followed by oral dosage forms in acutely ill schizophrenics. Escobar JI, et al. **J Clin Psychiatry** 1985 Aug;46(8 Pt 2):15-9

Antipsychotic medication: clinical guidelines for maintenance therapy. Johnson DA. **J Clin Psychiatry** 1985 May;46(5 Pt 2):6-15 (65 ref.)

Elimination half-life and bioavailability of haloperidol in schizophrenic patients. Magliozzi JR, et al. **J Clin Psychiatry** 1985 Jan;46(1):20-1

Association of intellectual impairment, negative symptoms, and aging with tardive dyskinesia: clinical and animal studies. Waddington JL, et al. **J Clin Psychiatry** 1985 Apr;46(4 Pt 2):29-33

Serum neuroleptic levels and clinical outcome in schizophrenic patients treated with fluphenazine decanoate. Brown WA, et al. **J Clin Psychopharmacol** 1985 Jun;5(3):143-7

Treatment of negative schizophrenic symptoms with alprazolam: a preliminary open-label study. Csernansky JG, et al. **J Clin Psychopharmacol** 1984 Dec;4(6):349-52

Combination of phenobarbital and haloperidol in resistant schizophrenia. Prakash R, et al. **J Clin Psychopharmacol** 1984 Dec;4(6):362-3

Neuroleptic malignant syndrome. Irwin GE Jr, et al. **J Emerg Med** 1984;1(3):207-11

Antipsychotic treatment with alpha-methyltyrosine in combination with thioridazine: prolactin response and interaction with dopaminergic precursor pools. Larsson M, et al. **J Neural Transm** 1984;60(2):115-32

The relationship of dopamine receptor blockade to clinical response in schizophrenic patients treated with pimozide or haloperidol. Silverstone T, et al. **J Psychiatr Res** 1984;18(3):255-68

TSH-response patterns to TRH stimulation may indicate therapeutic mechanisms of antidepressant and neuroleptic drugs. Langer G, et al. **Neuropsychobiology** 1984;11(4):211-8

Differential drug effects identified by 3-way configural frequency analysis. Lienert GA, et al. **Neuropsychobiology** 1984;11(4):247-50

Ceruletide resembles antipsychotics in rats and schizophrenic patients. Preliminary report. van Ree JM, et al. **Neuropsychobiology** 1984;12(1):4-8

Effects of high and low dosage of haloperidol on the brain in relation to schizophrenic thought disorder. Winter M, et al. **Neuropsychobiology** 1984;12(2-3):115-21

Antipsychotic efficacy of fluperlapine. An open multicenter trial. Woggon B, et al. **Neuropsychobiology** 1984;11(2):116-20

State of adrenergic and cholinergic systems in schizophrenia patients during psychopharmacotherapy. Krupenina LB, et al. **Neurosci Behav Physiol** 1985 Jan-Feb;15(1):1-8

Rubidium in psychiatry: research implications. Malek-Ahmadi P, et al. **Pharmacol Biochem Behav** 1984;21 Suppl 1:49-50

One-year outcome of schizophrenic patients--the interaction of chronicity and neuroleptic treatment. Gaebel W, et al. **Pharmacopsychiatry** 1985 May;18(3):235-9

Double-blind comparison of haloperidol decanoate and fluphenazine decanoate effectiveness, side-effects, dosage and serum levels during a six months' treatment for relapse prevention. Kissling W, et al. **Pharmacopsychiatry** 1985 May;18(3):240-5

High-dosage neuroleptic therapy for acute schizophrenic patients--two double-blind studies with benperidol. Nedopil N, et al. **Pharmacopsychiatry** 1985 Jan;18(1):63-6

The outpatient clinic for patients under chronic lithium or neuroleptic treatment as a phase-IV research tool. Pietzcker A, et al. **Pharmacopsychiatry** 1984 Sep;17(5):162-7

Serum and cerebrospinal fluid prolactin patterns during neuroleptic treatment in schizophrenic patients. Rimón R, et al. **Pharmacopsychiatry** 1985 May;18(3):252-4

Long-term treatment of chronic schizophrenics with clopenthixol decanoate. Borsetti G, et al. **Pharmatherapeutica** 1984;4(1):53-6

A 5-year follow-up study of chronic schizophrenics treated with clopenthixol decanoate. Carney MW. **Pharmatherapeutica** 1984;4(1):57-63

Cholecystokinin-octapeptide in chronic schizophrenia: a double-blind placebo-controlled study. Nair NP, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984;8(4-6):711-4

Drug treatment of schizophrenia. Hollister LE. **Psychiatr Clin North Am** 1984 Sep;7(3):435-52 (42 ref.)

Pharmacotherapy of chronic hospitalized schizophrenics: diagnosis and treatment. Ban TA, et al. **Psychiatr J Univ Ottawa** 1984 Dec;9(4):191-5

Information processing and neuroleptic response in acute and stabilized schizophrenic patients. Marder SR, et al. **Psychiatry Res** 1984 Sep;13(1):41-9

Biochemical markers in the study of clinical effects and extrapyramidal side effects of neuroleptics. Perényi A, et al. **Psychiatry Res** 1984 Oct;13(2):119-27

Lateral ventricular enlargement and clinical response in schizophrenia. Smith RC, et al. **Psychiatry Res** 1985 Mar;14(3):241-53

Plasma and red cell levels of thioridazine and clinical response in schizophrenia. Smith RC, et al. **Psychiatry Res** 1984 Aug;12(4):287-96

Repeated naloxone administration in schizophrenia. Verhoeven WM, et al. **Psychiatry Res** 1984 Aug;12(4):297-312

Cognitive performance of medicated schizophrenics with tardive dyskinesia. Collerton D, et al. **Psychol Med** 1985 May;15(2):311-5

Absence of relationship of serum haloperidol concentration and clinical response in chronic schizophrenia: a fixed-dose study. Bigelow LB, et al. **Psychopharmacol Bull** 1985;21(1):66-8

Haloperidol plasma levels and clinical response: basic concepts and clinical data. Davis JM, et al. **Psychopharmacol Bull** 1985;21(1):48-51

Experience with a drug-free month in schizophrenic outpatients. Heinrichs DW, et al. **Psychopharmacol Bull** 1985;21(1):117-9

A comparison of the clinical effects of bromperidol, a new butyrophenone derivative, and haloperidol on schizophrenia using a double-blind technique. Itoh H. **Psychopharmacol Bull** 1985;21(1):120-2

Compliance in the long-term treatment of schizophrenia. Kane JM, et al. **Psychopharmacol Bull** 1985;21(1):23-7

High-dose versus low-dose strategies in the treatment of schizophrenia. Kane JM, et al. **Psychopharmacol Bull** 1985;21(3):533-7

Plasma haloperidol levels and clinical response: confounding variables. Mavroidis ML, et al. **Psychopharmacol Bull** 1985;21(1):62-5

Diagnosis and pharmacotherapy of schizophrenia in the retarded. Menolascino FJ, et al. **Psychopharmacol Bull** 1985;21(2):316-22

Does a therapeutic window for plasma haloperidol exist?: Preliminary Chinese data. Potkin SG, et al. **Psychopharmacol Bull** 1985;21(1):59-61

Tardive dyskinesia and depressive symptoms in schizophrenics. Richardson MA, et al. **Psychopharmacol Bull** 1985;21(1):130-5

A trial of adjunctive imipramine in postpsychotic depression. Siris SG, et al. **Psychopharmacol Bull** 1985;21(1):114-6

Haloperidol and thioridazine drug levels and clinical response in schizophrenia: comparison of gas-liquid chromatography and radioreceptor drug level assays. Smith RC, et al. **Psychopharmacol Bull** 1985;21(1):52-8

Plasma levels of haloperidol and clinical response. Van Putten T, et al. **Psychopharmacol Bull** 1985;21(1):69-72

Effects of sulpiride and chlorpromazine on autistic and positive psychotic symptoms in schizophrenic patients--relationship to drug concentrations. Alfredsson G, et al. **Psychopharmacology (Berlin)** 1985;85(1):8-13

Effects of sulpiride and chlorpromazine on depressive symptoms in schizophrenic patients--relationship to drug concentrations. Alfredsson G, et al. **Psychopharmacology (Berlin)** 1984;84(2):237-41

Amphetamine response and relapse risk after depot neuroleptic discontinuation. Angrist B, et al. **Psychopharmacology (Berlin)** 1985;85(3):277-83

Effect of serotonin antagonism in schizophrenia: a pilot study with setoperone. Ceulemans DL, et al. **Psychopharmacology (Berlin)** 1985;85(3):329-32

An early phase II clinical trial of BW234U in the treatment of acute schizophrenia in newly admitted patients. Chouinard G, et al. **Psychopharmacology (Berlin)** 1984; 84(2):282-4

Differential improvements from haloperidol in two types of schizophrenics. Lehmann E, et al. **Psychopharmacology (Berlin)** 1984;84(1):96-7

An open study of remoxipride, a benzamide derivative, in schizophrenia. Lindström L, et al. **Psychopharmacology (Berlin)** 1985;86(1-2):241-3

Early relapse after sudden withdrawal or dose reduction of clozapine [letter] Perényi A, et al. **Psychopharmacology (Berlin)** 1985;86(1-2):244

Comparative efficacy of red cell and plasma haloperidol as predictors of clinical response in schizophrenia. Smith RC, et al. **Psychopharmacology (Berlin)** 1985;85(4):449-55

Tardive dyskinesia: a two-year follow-up study. Yassa R, et al. **Psychosomatics** 1984 Nov;25(11):852-5

Negative and deficit symptoms in schizophrenia do respond to neuroleptics. Goldberg SC. **Schizophr Bull** 1985; 11(3):453-6

Informed consent in psychiatric research: preliminary findings from an ongoing investigation. Benson PR, et al. **Soc Sci Med** 1985;20(12):1331-41

[Anticonvulsants used for controlling induced seizures during the treatment of schizophrenia with lactoni Coriariae] Hu GC. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov;4(11):675-8, 644 (Eng. Abstr.) **(Chi)**

[Treatment of schizophrenia with a method of activating blood circulation and relieving stasis of the blood and changes in blood rheology] Wu CY. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec;4(12):714-6 (Eng. Abstr.) **(Chi)**

[An analysis of 106 cases of schizophrenia treated with clozapine] Yang JS. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Aug; 17(4):242-4 (Eng. Abstr.) **(Chi)**

[Penfluridol in outpatient psychiatric practice] Chodura V. **Cesk Psychiatr** 1984 Jun;80(3):184-7 (Eng. Abstr.) **(Cze)**

[Oxyprothepin decanoate in maintenance therapy of schizophrenia--a double-blind, standardized controlled study] Filip V, et al. **Cesk Psychiatr** 1985 Feb;81(1):6-14 (Eng. Abstr.) **(Cze)**

[Our first experimental and clinical experience with the neuroleptic isofloxythepin] Náhunek K, et al. **Cesk Psychiatr** 1984 Aug;80(4):220-3 (Eng. Abstr.) **(Cze)**

[A 1-year experience with the administration of clopenthixol decanoate in schizophrenic psychoses] Svestka J, et al. **Cesk Psychiatr** 1984 Jun;80(3):146-54 (Eng. Abstr.) **(Cze)**

[Methodologic treatment of anxiety. Apropos of benzodiazepine utilization in schizophrenic anxiety states] Barbier D, et al. **Encephale** 1984;10(5):235-9 (Eng. Abstr.) **(Fre)**

[Initial results of a pharmacokinetic study of pipothiazine and its palmitic ester (Piportil L4) in a schizophrenic population] Girard M, et al. **Encephale** 1984;10(4):171-6 (Eng. Abstr.) **(Fre)**

[Treatment of schizophrenia without symptoms with viloxazine (letter)] Kornhuber HH, et al. **Dtsch Med Wochenschr** 1985 Apr 26;110(17):698 **(Ger)**

[Social integration of long-term paraphrenic patients with low-dose depot neuroleptic medication] Lesch OM, et al. **Psychiatr Prax** 1985 Mar;12(2):63-8 (Eng. Abstr.) **(Ger)**

[Depot neuroleptics in social psychiatric practice] Pruss U, et al. **Psychiatr Prax** 1984 Jul;11(4):101-8 (Eng. Abstr.) **(Ger)**

[Difficulties in neuroleptic treatment of schizophrenic patients] Woggon B. **Schweiz Arch Neurol Psychiatr** 1985; 136(1):55-9 (Eng. Abstr.) **(Ger)**

[Clinical experience with depot neuroleptic treatment] Waldmann KD, et al. **Z Arztl Fortbild (Jena)** 1984; 78(20):853-6 **(Ger)**

[Prediction of the effectiveness of neuroleptic therapy in acute schizophrenia] Bartkó G. **Orv Hetil** 1984 Oct 21; 125(43):2621-4 (Eng. Abstr.) **(Hun)**

[Current questions on the use of neuroleptics in everyday practice] Perényi A, et al. **Orv Hetil** 1984 Dec 2; 125(49):2985-8, 2991 (Eng. Abstr.) **(Hun)**

[Supportive treatment of schizophrenia--analysis of 100 cases] Leksowski W, et al. **Psychiatr Pol** 1984 Mar-Apr; 18(2):97-100 (Eng. Abstr.) **(Pol)**

[Parenteral form of pipothiazine in the treatment of endogenous psychoses] Matkowski K, et al. **Psychiatr Pol** 1984 Nov-Dec;18(6):567-70 (Eng. Abstr.) **(Pol)**

[Effects of propranolol on the central nervous system: its antischizophrenic action] Poli A, et al. **Rev Paul Med** 1984 Sep-Oct;102(5):215-8 **(Por)**

[Noveril treatment of patients with treatment-resistant depressions (comparative evaluation of technics of intravenous drip administration)] Panteleeva GP, et al. **Zh Nevropatol Psikhiatr** 1984;84(8):1221-6 (Eng. Abstr.) **(Rus)**

[Intensive psychopharmacologic therapy of slowly-progressive schizophrenia] Smulevich AB, et al. **Zh Nevropatol Psikhiatr** 1985;85(1):94-100 (Eng. Abstr.) **(Rus)**

[Zetidoline in the treatment of schizophrenia--initial experiences] Molčan J, et al. **Cesk Psychiatr** 1984 Jun; 80(3):143-5 (Eng. Abstr.) **(Slo)**

ECONOMICS

The economic costs of schizophrenia. Implications for public policy. Andrews G, et al. **Arch Gen Psychiatry** 1985 Jun; 42(6):537-43

The costs of schizophrenia. Hall W, et al. **Aust NZ J Psychiatry** 1985 Mar;19(1):3-5

ENZYMOLOGY

Creatine phosphokinase and schizophrenia in Singapore. Tsoi WF, et al. **Ann Acad Med Singapore** 1985 Jan;14(1):84-6

Characteristics of phospholipid methylation in human erythrocyte ghosts: relationship(s) to the psychoses and affective disorders. Hitzemann R, et al. **Biol Psychiatry** 1985 Apr;20(4):397-407

Serum creatine kinase MB (heart) isoenzyme activity in schizophrenia. Jockers-Wretou E, et al. **Biol Psychiatry** 1985 Mar;20(3):337-9

Low plasma dopamine-beta-hydroxylase in demented schizophrenics. Markianos M, et al. **Biol Psychiatry** 1985 Jan;20(1):98-101

Serum dopamine-beta-hydroxylase activity and lateral ventricular size in affective disorders and schizophrenia. Meltzer HY, et al. **Biol Psychiatry** 1984 Oct; 19(10):1395-402

Platelet monoamine-oxidase activity in schizophrenia. Relation to genetic load of the illness and treatment with antipsychotic drugs. Kemali D, et al. **Encephale** 1985 Jan-Feb;11(1):31-4

Serum CPK levels in schizophrenics and their first degree relatives. Kumar A, et al. **Indian J Physiol Pharmacol** 1984 Apr-Jun;28(2):128-32

Platelet monoamine oxidase response to lithium treatment in psychiatric patients. Huang LG, et al. **J Clin Psychopharmacol** 1984 Dec;4(6):326-31

Dihydropteridine reductase in schizophrenic patients. Szymanski HV, et al. **Psychiatry Res** 1985 Jun;15(2):115-9

[A preliminary study on blood cholinesterase in schizophrenic patients] Huang MS. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Jun; 17(3):131-3 (Eng. Abstr.) **(Chi)**

[Brain monoamine oxidase in schizophrenia] Moskvitina TA, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):671-2 (Eng. Abstr.) **(Rus)**

[Asymmetry of cholinesterase activity in cortical centers of human cerebral hemispheres] Kononenko VS, et al. **Fiziol Zh** 1985 Mar-Apr;31(2):134-8 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Life events and schizophrenia. A replication. Canton G, et al. **Acta Psychiatr Scand** 1985 Mar;71(3):211-6

The seasonality of schizophrenic births in Alberta. Ede A, et al. **Am J Orthopsychiatry** 1985 Jul;55(3):451-3

Metachromatic leukodystrophy manifesting as a schizophrenic disorder: computed tomographic correlation. Finelli PF. **Ann Neurol** 1985 Jul;18(1):94-5

Birth seasonality and schizophrenia [letter] **Arch Gen Psychiatry** 1985 Jan;42(1):106-8

Vulnerability to schizophrenia. Prediction of adult schizophrenia using childhood information. Hartmann E, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1050-6

More on birth seasonality and schizophrenia [letter] Levick SE. **Arch Gen Psychiatry** 1985 Jul;42(7):738

Is there really a schizophrenia? The long-term course of psychotic phenomena. Ciompi L. **Br J Psychiatry** 1984 Dec;145:636-40

The 'Stuck synapse' as a model for schizophrenia [letter] Conacher GN. **Br J Psychiatry** 1985 Jun;146:672

Lack of evidence for retrovirus infection in schizophrenic patients [letter] DeLisi LE, et al. **Br J Psychiatry** 1985 Jun;146:674-5

CT scans in schizophrenia. Reveley MA. **Br J Psychiatry** 1985 Apr;146:367-71 (49 ref.)

Sex and schizophrenia. Seeman MV. **Can J Psychiatry** 1985 Aug;30(5):313-5 (34 ref.)

Symposium: gender and schizophrenia. Seeman MV. **Can J Psychiatry** 1985 Aug;30(5):311-2

The biochemistry of schizophrenia--a review. Shelley RK, et al. **Ir Med J** 1985 May;78(5):139-43 (84 ref.)

Etiological hypotheses in schizophrenia: cross-level analysis. Cleek RK, et al. **J Clin Psychol** 1984 Nov;40(6):1295-300

The 'winter born phenomenon' among schizophrenics: differences between blacks and whites. Gallagher BJ 3d, et al. **J Clin Psychol** 1984 Sep;40(5):1151-9

Psychosis in children of Holocaust survivors: influence of the Holocaust in the choice of themes in their psychoses. Link N, et al. **J Nerv Ment Dis** 1985 Feb;173(2):115-7

Towards an aetiological classification of schizophrenia. Murray RM, et al. **Lancet** 1985 May 4;1(8436):102[illegible]-6 (44 ref.)

Subgroups in schizophrenia [letter] Reveley AM, et al. **Lancet** 1985 Jul 27;2(8448):216-7

Some critical thoughts on expressed emotion. Seywert F. **Psychopathology** 1984;17(5-6):233-43

Research and the complex causality of the schizophrenias. **Rep Group Adv Psychiatry** 1984;(116):1-85 (162 ref.)

Introduction: the Israeli high-risk study. Nagler S, et al. **Schizophr Bull** 1985;11(1):19-29 (59 ref.)

Overall design and methodology of the Israeli high-risk study. Nagler S. **Schizophr Bull** 1985;11(1):31-7

[Exploring the mechanism of schizophrenia in relation to homeostasis] Xia YF. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Apr; 17(2):86-9 (Eng. Abstr.) **(Chi)**

[An infectious origin of schizophrenia?] Höschl C, et al. **Cas Lek Cesk** 1985 Jul 12;124(28):865-8 (Eng. Abstr.) **(Cze)**

[Is lactation psychosis a symptomatic schizoform psychosis or is it a schizophrenia evoked by breast feeding?] Gazárek F. **Cesk Gynekol** 1985 Mar;50(2):150-2 **(Cze)**

[Adrenoleukomyeloneuropathy and schizophrenia. Apropos of a significant association. Anatomo-clinical study] Luauté JP, et al. **Ann Med Psychol (Paris)** 1984 May;142(5):711-20 **(Fre)**

[Schizophrenia research using psychiatric case registries] Häfner H, et al. **Fortschr Neurol Psychiatr** 1985 Aug; 53(8):273-90 (Eng. Abstr.) **(Ger)**

[Environmental factors in schizophrenia] Termińska K. **Psychiatr Pol** 1984 Sep-Oct;18(5):465-7 (32 ref.) **(Pol)**

[Role of biogenic amines in the etiopathogenesis of schizophrenia] Dogaru C, et al. **Rev Med Interna [Neurol Psihiatr]** 1984 Jul-Sep; 29(3):229-33 **(Rum)**

[Schizophrenia in a patient due to multiple sclerosis] Pavlović D, et al. **Srp Arh Celok Lek** 1984 Mar;112(3):341-5 **(Scc)**

FAMILIAL & GENETIC

Class drift and schizophrenia. Silverton L, et al. **Acta Psychiatr Scand** 1984 Oct;70(4):304-9

DNA restriction fragment analysis of the proopiomelanocortin gene in schizophrenia and bipolar disorders. Feder J, et al. **Am J Hum Genet** 1985 Mar; 37(2):286-94

Segregation analysis of schizophrenia and related disorders. Risch N, et al. **Am J Hum Genet** 1984 Sep;36(5):1039-59

A family study of schizophrenic and normal control probands: implications for the spectrum concept of schizophrenia. Baron M, et al. **Am J Psychiatry** 1985 Apr; 142(4):447-55

Modern research criteria and the genetics of schizophrenia. Baron M, et al. **Am J Psychiatry** 1985 Jun;142(6):697-701

Symptoms and the genetics of schizophrenia: implications for diagnosis. Dworkin RH, et al. **Am J Psychiatry** 1984 Dec;141(12):1541-6

Genetics of schizophrenia and the positive-negative dimension [letter] Kay SR, et al. **Am J Psychiatry** 1985 Aug;142(8):994-6

Danish data show weak genetic factor [letter] Lidz T. **Am J Psychiatry** 1984 Oct;141(10):1308-9

Genetic marker association in schizophrenia: ABO, MN, Rhesus and Lewis blood groups. Saha N, et al. **Ann Acad Med Singapore** 1985 Jan;14(1):110-2

Psychiatric illness in first-degree relatives of schizophrenic and surgical control patients. A family study using DSM-III criteria. Kendler KS, et al. **Arch Gen Psychiatry** 1985 Aug;42(8):770-9

Neurological dysfunctioning in offspring of schizophrenics in Israel and Denmark. A replication analysis. Marcus J, et al. **Arch Gen Psychiatry** 1985 Aug;42(8):753-61

Institutional rearing and diagnostic outcome in children of schizophrenic mothers. A prospective high-risk study. Parnas J, et al. **Arch Gen Psychiatry** 1985 Aug;42(8):762-9

Family factors in schizophrenic relapse. Replication in California of British research on expressed emotion. Vaughn CE, et al. **Arch Gen Psychiatry** 1984 Dec; 41(12):1169--77

Tardive dyskinesia: marked predominance of nongenetic schizophrenia. Bartels M, et al. **Biol Psychiatry** 1985 Jan; 20(1):101-3

Thought organization and primary process in the parents of schizophrenics. Meloy JR. **Br J Med Psychol** 1984 Sep;57 (Pt 3):279-81

Mates of schizophrenic mothers. A study of assortative mating from the American-Danish high risk project. Parnas J. **Br J Psychiatry** 1985 May;146:490-7

Clinico-genetic study of so-called borderline case. Chihara S, et al. **Bull Osaka Med Sch** 1983 Oct;29(2):106-20

First-cousin marriages and psychiatric morbidity. Prasad AJ. **Can J Psychiatry** 1985 Feb;30(1):69-70

A family study of psychotic symptomatology in schizophrenia, schizoaffective disorder, unipolar depression, and bipolar disorder. Winokur G, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(5):295-8

Haptoglobin and transferrin types in schizophrenia. Rudduck C, et al. **Hum Hered** 1985;35(2):65-8

Alpha 1-antitrypsin types in schizophrenia. Rudduck C, et al. **Hum Hered** 1985;35(3):193-5

C3 and C6 complement types in schizophrenia. Rudduck C, et al. **Hum Hered** 1985;35(4):255-8

Complement factor C4 in schizophrenia. Rudduck C, et al. **Hum Hered** 1985;35(4):223–6

Properdin factor B (Bf) types in schizophrenia. Rudduck C, et al. **Hum Hered** 1984;34(5):331–3

HLA antigens in patients with and without a family history of schizophrenia. Rudduck C, et al. **Hum Hered** 1984; 34(5):291–6

Formal thought disorder in schizophrenics and their twins. Berenbaum H, et al. **J Abnorm Psychol** 1985 Feb;94(1):3–16

Biobehavioral risk factors in children of schizophrenic parents. Erlenmeyer-Kimling L, et al. **J Autism Dev Disord** 1984 Dec;14(4):357–74

Genetic analysis of platelet monoamine oxidase activity in families of schizophrenic patients. Baron M, et al. **J Psychiatr Res** 1985;19(1):9–21

Stressful life events and schizophrenia. Relation to illness onset and family history. Gruen R, et al. **Neuropsychobiology** 1984;12(4):206–8

Differences in ontogeny, premorbid personality, and severity of schizophrenia in twins. Moskalenko VD. **Neurosci Behav Physiol** 1984 Nov–Dec;14(6):444–8

Genetic analysis of plasma amine oxidase activity in schizophrenia. Baron M, et al. **Psychiatry Res** 1985 Jun; 15(2):121–32

The Genain Quadruplets: electrophysiological, positron emission, and X-ray tomographic studies. Buchsbaum MS, et al. **Psychiatry Res** 1984 Sep;13(1):95–108

The Genain Quadruplets 25 years later: a diagnostic and biochemical followup. DeLisi LE, et al. **Psychiatry Res** 1984 Sep;13(1):59–76

Electrodermal recovery data on children of schizophrenic parents. Erlenmeyer-Kimling L, et al. **Psychiatry Res** 1985 Feb;14(2):149–61

Searching for the split in schizophrenia: a twin study perspective. Farmer AE, et al. **Psychiatry Res** 1984 Oct; 13(2):109–18

The Genain Quadruplets: psychological studies. Mirsky AF, et al. **Psychiatry Res** 1984 Sep;13(1):77–93

Quantitative models of the genetic transmission of schizophrenia. Faraone SV, et al. **Psychol Bull** 1985 Jul; 98(1):41–66

Cerebral ventricular enlargement as a possible genetic marker for schizophrenia. DeLisi LE, et al. **Psychopharmacol Bull** 1985;21(3):365–7

The teacher interview. Ayalon M, et al. **Schizophr Bull** 1985; 11(1):117–20

A narrative account of contacts with two study subjects. Bonwitt L. **Schizophr Bull** 1985;11(1):129–37

Psychophysiological reactivity in high-risk children. Kugelmass S, et al. **Schizophr Bull** 1985;11(1):66–73

Perceptual-motor and memory performance of high-risk children. Lifshitz M, et al. **Schizophr Bull** 1985;11(1):74–84

Relationships among neurological functioning, intelligence quotients, and physical anomalies. Marcus J, et al. **Schizophr Bull** 1985;11(1):101–8

Neurological findings in high-risk children: childhood assessment and 5-year followup. Marcus J, et al. **Schizophr Bull** 1985;11(1):85–100

Adult outcomes of high-risk children: differential effects of town and kibbutz rearing. Mirsky AF, et al. **Schizophr Bull** 1985;11(1):150–4

The clinical interview. Nagler S, et al. **Schizophr Bull** 1985; 11(1):38–47

Clinical observation of high-risk children. Nagler S, et al. **Schizophr Bull** 1985;11(1):107–11

The family interview. Shotten JH. **Schizophr Bull** 1985; 11(1):112–6

The NIMH-Israeli schizophrenia project: the history of a high-risk study. Silberman EK, et al. **Schizophr Bull** 1985; 11(1):146–9

The Israeli high-risk study: statistical overview and discussion. Silberman EK, et al. **Schizophr Bull** 1985; 11(1):138–45

Clinical-subjective evaluation of high-risk children: integration and discussion. Silberman EK, et al. **Schizophr Bull** 1985;11(1):121–8

Personality and neuropsychological performance of high-risk children. Sohlberg SC. **Schizophr Bull** 1985;11(1):48–60

Social adjustment and cognitive performance of high-risk children. Sohlberg SC, et al. **Schizophr Bull** 1985;11(1):61–5

[Psychopathology and genetics of schizophrenia] Scharfetter C. **Schweiz Arch Neurol Psychiatr** 1985;136(1):29–36 (Eng. Abstr.) **(Ger)**

[Study on the dyadic dynamics of 2 monozygotic twins discordant with respect to schizophrenic symptomatology] Torre LV, et al. **Minerva Psichiatr** 1984 Oct–Dec; 25(4):233–40 (Eng. Abstr.) **(Ita)**

[Diagnosis of the family of schizophrenic patients] Barbaro B, et al. **Psychiatr Pol** 1984 Nov–Dec;18(6):571–6 **(Pol)**

[Genetic analysis of antithymocyte activity in schizophrenia] Shapiro IuA, et al. **Zh Nevropatol Psikhiatr** 1985; 85(7):1042–50 (Eng. Abstr.) **(Rus)**

HISTORY

Did Shakespeare know schizophrenia? The case of Poor Mad Tom in King Lear. Bark NM. **Br J Psychiatry** 1985 Apr; 146:436–8

Was insanity on the increase? [letter] Turner TH. **Br J Psychiatry** 1985 Mar;146:325

A case that throws light on the mechanism of regression in schizophrenia: Helene Deutsch. **Psychoanal Rev** 1985 Spring;72(1):1–8

[Classic texts newly read. Uninhibited 'tallyho' in hunting the 'laws' of delirium. Thoughts on rereading K. Conrad 'Die beginnende Schizophrenie—Versuch einer Gestaltanalyse des Wahns', Stuttgart (Thieme) 1958] Kisker KP. **Psychiatr Prax** 1985 May;12(3):104–6 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

Decreased production of interferon alpha and interferon gamma in leucocyte cultures of schizophrenic patients. Moises HW, et al. **Acta Psychiatr Scand** 1985 Jul; 72(1):45–50

Immunoglobulin studies in patients with psychiatric diseases. Roos RP, et al. **Arch Gen Psychiatry** 1985 Feb;42(2):124–8

Are there antibodies against brain in sera from schizophrenic patients? Review and prospectus. DeLisi LE, et al. **Biol Psychiatry** 1985 Jan;20(1):110–5

Serum immunoglobulin concentrations in patients admitted to an acute psychiatric in-patient service. DeLisi LE, et al. **Br J Psychiatry** 1984 Dec;145:661–5

Retroviruses and schizophrenia [letter] Robert-Guroff M, et al. **Br J Psychiatry** 1985 Mar;146:326

Cytomegalovirus and schizophrenia. A test of a viral hypothesis. Shrikhande S, et al. **Br J Psychiatry** 1985 May; 146:503–6

Is schizophrenia an autoimmune disease? A review. Knight JG. **Methods Find Exp Clin Pharmacol** 1984 Jul; 6(7):395–403 (48 ref.)

Detection of neurotropic properties of the serum in schizophrenics. Vilkov GA, et al. **Neurosci Behav Physiol** 1984 Nov–Dec;14(6):441–3

[The human leukocyte antigen and schizophrenia] Huang WS. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Oct;17(5):284–6 (Eng. Abstr.) **(Chi)**

[Interferon production and lymphoproliferation in whole blood of schizophrenia patients] Schindler L, et al. **Immun Infekt** 1985 Apr;13(2):87–8 (Eng. Abstr.) **(Ger)**

METABOLISM

Vitamin C and schizophrenia. Subotičanec K, et al. **Acta Med Iugosl** 1984;38(5):299–308

Clinical correlates of decreased anteroposterior metabolic gradients in positron emission tomography (PET) of schizophrenic patients. DeLisi LE, et al. **Am J Psychiatry** 1985 Jan;142(1):78–81

Persistence of cerebral metabolic abnormalities in chronic schizophrenia as determined by positron emission tomography. Wolkin A, et al. **Am J Psychiatry** 1985 May; 142(5):564–71

Reduced cholecystokinin levels in the limbic lobe in schizophrenia. A marker for pathology underlying the defect state? Ferrier IN, et al. **Ann NY Acad Sci** 1985; 448:495–506

Anteroposterior gradients in cerebral glucose use in schizophrenia and affective disorders. Buchsbaum MS, et al. **Arch Gen Psychiatry** 1984 Dec;41(12):1159–66

Sigma receptors and autoimmune mechanisms in schizophrenia: preliminary findings and hypotheses. Fudenberg HH, et al. **Biomed Pharmacother** 1984; 38(6):285–90

Tritiated etorphine and naloxone binding to opioid receptors in caudate nucleus in schizophrenia. Owen F, et al. **Br J Psychiatry** 1985 May;146:507–9

Bioavailability of oral and intramuscular molindone hydrochloride in schizophrenic patients. Zetin M, et al. **Clin Ther** 1985;7(2):169–75

Positron emission tomography in schizophrenic patients with and without neuroleptic medication. DeLisi LE, et al. **J Cereb Blood Flow Metab** 1985 Jun;5(2):201–6

The effects of neuroleptics (haloperidol and chlorpromazine) on the pharmacokinetics of valproic acid in schizophrenic patients. Ishizaki T, et al. **J Clin Psychopharmacol** 1984 Oct;4(5):254–61

Reduced high affinity cholecystokinin binding in hippocampus and frontal cortex of schizophrenic patients. Farmery SM, et al. **Life Sci** 1985 Feb 4;36(5):473–7

Some indices of the catecholamine and indoleamine metabolism in groups of patients with paranoid and simple forms of schizophrenia. Gamaleya NB. **Neurosci Behav Physiol** 1985 Mar–Apr;15(2):103–10

Differential in vitro metabolism of beta-endorphin in schizophrenia. Schoemaker H, et al. **Peptides (Fayetteville)** 1984 Nov–Dec;5(6):1049–54

Interconversion of serine and glycine is normal in psychotic patients. Perry TL, et al. **Psychiatry Res** 1985 Jun; 15(2):109–13

Dopamine receptor binding of C-11-3-N-methylspiperone in the caudate in schizophrenia and bipolar disorder: a preliminary report. Wong DF, et al. **Psychopharmacol Bull** 1985;21(3):595–8

Brain dopamine receptors in schizophrenia and tardive dyskinesia. Seeman P. **Psychopharmacology [Suppl]** 1985; 2:1–8

Trace elements in brains of patients with alcohol abuse, endogeneous psychosis and schizophrenia. Demmel U, et al. **Sci Total Environ** 1984 Sep;38:69–77

[Water intoxication in psychogenic polydipsia] Dalhøj J, et al. **Ugeskr Laeger** 1984 Aug 13;146(33):2485 (Eng. Abstr.) **(Dan)**

[A biochemical theory of schizophrenia] Kornhuber HH, et al. **Nervenarzt** 1984 Nov;55(11):602–6 (Eng. Abstr.) **(Ger)**

[Schizophrenia and neurotransmitters] Nagatsu T, et al. **Nippon Rinsho** 1984 Apr;42(4):891–901 (30 ref.) **(Jpn)**

[Increased 3H-muscimol binding in post-mortem brains of chronic schizophrenics] Hanada S, et al. **Seishin Shinkeigaku Zasshi** 1984;86(3):225–9 **(Jpn)**

[Biochemical analysis of neurotransmitters in temporal lobe and limbic system of post-mortem brains from schizophrenic patients] Toru M, et al. **Seishin Shinkeigaku Zasshi** 1984;86(10):827–40 (Eng. Abstr.) **(Jpn)**

[Neurotransmitters and neuropeptides in schizophrenia] Toru M, et al. **Tanpakushitsu Kakusan Koso** 1984 Dec; 29(14):1838–54 (150 ref.) **(Jpn)**

[Biochemical and physiopathological bases of the study of tryptophan metabolism in schizophrenia] Dogaru C, et al. **Rev Med Interna [Neurol Psihiatr]** 1984 Apr–Jun; 29(2):141–50 (Eng. Abstr.) **(Rum)**

[Electron-cytochemical characteristics of hyperchromic neurons in schizophrenia] Kleshchinov VN, et al. **Zh Nevropatol Psikhiatr** 1985;85(7):989–92 (Eng. Abstr.) **(Rus)**

NURSING

Students who made a difference. Moore AP. **Am J Nurs** 1985 Apr;85(4):460–1

Hearing voices. Field WE Jr. **J Psychosoc Nurs Ment Health Serv** 1985 Jan;23(1):9–14

OCCURRENCE

The incidence of schizophrenia in New South Wales, Australia. A psychiatric register study. Goldstein G, et al. **Acta Psychiatr Scand** 1984 Sep;70(3):220–7

Decline in the diagnosis of schizophrenia among first admissions to Scottish mental hospitals from 1969–78. Eagles JM, et al. **Br J Psychiatry** 1985 Feb;146:151–4

Long term mental illness in Canada: an epidemiological perspective on schizophrenia and affective disorders. Bland RC. **Can J Psychiatry** 1984 Apr;29(3):242–6

Schizophrenia: sex differences. Flor-Henry P. **Can J Psychiatry** 1985 Aug;30(5):319–22 (40 ref.)

Similar distribution of schizophrenia and multiple sclerosis [letter] Templer DI, et al. **J Clin Psychiatry** 1985 Feb; 46(2):73

Prevalence of treated and untreated DSM-III schizophrenia. Results of a two-stage community survey. Von Korff M, et al. **J Nerv Ment Dis** 1985 Oct;173(10):577–81

Smooth pursuit eye movements in subjects reporting physical anhedonia and perceptual aberrations. Simons RF, et al. **Psychiatry Res** 1985 Apr;14(4):275–89

[Clinico-epidemiologic characteristics of a contingent of chronic schizophrenic patients of the 'new type'] Krasik ED, et al. **Zh Nevropatol Psikhiatr** 1985;85(5):742–6 (Eng. Abstr.) **(Rus)**

[Genetic epidemiology of schizophrenia (review)] Ritsner MS. **Zh Nevropatol Psikhiatr** 1985;85(5):763–74 (97 ref.) **(Rus)**

PATHOLOGY

Normal ventricles in chronic schizophrenics. Shima S, et al. **Acta Psychiatr Scand** 1985 Jan;71(1):25–9

Basal ganglia and limbic system pathology in schizophrenia. A morphometric study of brain volume and shrinkage. Bogerts B, et al. **Arch Gen Psychiatry** 1985 Aug; 42(8):784–91

Abnormalities of brain structure and density in schizophrenia. Largen JW Jr, et al. **Biol Psychiatry** 1984 Jul; 19(7):991–1013

Third ventricular enlargement on CT scans in schizophrenia: association with cerebellar atrophy. Nasrallah HA, et al. **Biol Psychiatry** 1985 Apr;20(4):443–50

Schizophrenia with good and poor outcome. II: Cerebral ventricular size and its clinical significance. Williams AO, et al. **Br J Psychiatry** 1985 Mar;146:239–46

The diencephalon in schizophrenia: evidence for reduced thickness of the periventricular grey matter. Lesch A, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(4):212–9

Low birth weight and ventricular enlargement in a high-risk sample. Silverton L, et al. **J Abnorm Psychol** 1985 Aug; 94(3):405–9

Lateral ventricular size in schizophrenia: relationship to the disease process and its clinical manifestations. Owens DG, et al. **Psychol Med** 1985 Feb;15(1):27–41

Chemical and structural changes in the brain in patients with movement disorder. Cross AJ, et al. **Psychopharmacology [Suppl]** 1985;2:104–10

[Neuropathology of schizophrenias] Bogerts B. **Fortschr Neurol Psychiatr** 1984 Dec;52(12):428–37 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Lateralized cerebral impairment in schizophrenia. A critical review. Cazzullo CL, et al. **Acta Psychiatr Belg** 1984 Jul–Aug;84(4):310–24 (106 ref.)

Water intoxication in a psychotic patient with normal renal water excretion. Gillum DM, et al. **Am J Med** 1984 Oct; 77(4):773–4

Cognitive, psychotic, or educational impairment in schizophrenia? [letter] Goldstein PC, et al. **Am J Psychiatry** 1984 Nov;141(11):1489–90

Eye-blinking and cerebral ventricular size in chronic schizophrenic patients. Kleinman JE, et al. **Am J Psychiatry** 1984 Nov;141(11):1430-2

Biochemical theories of schizophrenia and depression. Hollister LE. **Ann Acad Med Singapore** 1985 Jan; 14(1):76-80

Brain function in psychiatric disorders reconsidered [letter] Gruzelier JH. **Arch Gen Psychiatry** 1985 Apr;42(4):421-2

Similarity of non-REM abnormalities in schizophrenia and depression [letter] Guazzelli M, et al. **Arch Gen Psychiatry** 1985 Aug;42(8):834-5

Brain function in psychiatric disorders. III. Regional cerebral blood flow in unmedicated schizophrenics. Gur RE, et al. **Arch Gen Psychiatry** 1985 Apr;42(4):329-34

Further evidence of abnormal non-rapid-eye-movement sleep in schizophrenia. Hiatt JF, et al. **Arch Gen Psychiatry** 1985 Aug;42(8):797-802

Pharmacologic evidence for specificity of pursuit dysfunction to schizophrenia. Lithium carbonate associated with abnormal pursuit. Levy DL, et al. **Arch Gen Psychiatry** 1985 Apr;42(4):335-41

Possible changes in striatal and limbic cholinergic systems in schizophrenia. McGeer PL, et al. **Arch Gen Psychiatry** 1977 Nov;34(11):1319-23

Endorphins and psychiatry. Blaszczynski AP, et al. **Aust NZ J Psychiatry** 1984 Jun;18(2):111-2

Brain stem auditory evoked potentials in unmedicated schizophrenic patients. Brecher M, et al. **Biol Psychiatry** 1985 Feb;20(2):199-202

Left hemispheric density deficits in chronic schizophrenia. Coffman JA, et al. **Biol Psychiatry** 1984 Aug;19(8):1237-47

Pathway and hemispheric differences in the event-related potential (ERP) to monaural stimulation: a comparison of schizophrenic patients with normal controls. Connolly JF, et al. **Biol Psychiatry** 1985 Mar;20(3):293-303

Predominant sensorimotor area left hemisphere dysfunction in schizophrenia measured by brain electrical activity mapping. Guenther W, et al. **Biol Psychiatry** 1985 May; 20(5):515-32

Correlation of deep and surface electroencephalograms with psychosis and hallucinations in schizophrenics: a report of two cases. Heath RG, et al. **Biol Psychiatry** 1985 Jun; 20(6):669-74

Structure and function: brain electrical activity mapping and computed tomography in schizophrenia. Morihisa JM, et al. **Biol Psychiatry** 1985 Jan;20(1):3-19

Icon formation in chronic schizophrenics. Schwartz BD, et al. **Biol Psychiatry** 1985 Sep;20(9):1015-8

A corpus callosal deficit in sequential analysis by schizophrenics. Schwartz BD, et al. **Biol Psychiatry** 1984 Dec;19(12):1667-76

Imbalance of hemispheric functions in the major psychoses: a study of handedness in the People's Republic of China. Yan SM, et al. **Biol Psychiatry** 1985 Aug;20(8):906-17

Intra and inter-hemispheric changes in alpha intensities in EEGs of schizophrenic patients versus matched controls. Etevenon P. **Biol Psychol** 1984 Dec;19(3-4):247-56

Statistical quantitative EEG studies of depression, mania, schizophrenia and normals. Flor-Henry P, et al. **Biol Psychol** 1984 Dec;19(3-4):257-79

Correlations of event-related potentials with schizophrenic deficits in information processing and hemispheric dysfunction. Hiramatsu K, et al. **Biol Psychol** 1984 Dec; 19(3-4):281-94

EEG lateral asymmetries in psychiatric disorders. Serafetinides EA. **Biol Psychol** 1984 Dec;19(3-4):237-46

Inter-hemispheric transmission times in schizophrenics. Shelton EJ, et al. **Br J Clin Psychol** 1984 Sep;23 (Pt 3):227-8

Stable abnormalities in the lateralisation of early cortical somatosensory evoked potentials in schizophrenic patients. Cooper JE, et al. **Br J Psychiatry** 1985 Jun;146:585-93

Schizophrenia and spectral analysis of the visual evoked potential. Jutai JW, et al. **Br J Psychiatry** 1984 Nov; 145:496-501

Motor and sighting dominance in schizophrenia and affective disorder. Evidence for right-hand grip strength prominence in paranoid schizophrenia and bipolar illness. Merrin EL. **Br J Psychiatry** 1985 May;146:539-44

Motor and sighting dominance in chronic schizophrenics. Relationship to social competence, age at first admission, and clinical course. Merrin EL. **Br J Psychiatry** 1984 Oct; 145:401-6

Schizophrenia: an amotivational syndrome in men. Lewine R. **Can J Psychiatry** 1985 Aug;30(5):316-8 (17 ref.)

Tardive dyskinesia and EEG. Kaartinen P, et al. **Clin Electroencephalogr** 1984 Oct;15(4):226-31

Regional cerebral blood flow in schizophrenic disorders. Kurachi M, et al. **Eur Neurol** 1985;24(3):176-81

Neuropsychological deficit and regional cerebral blood flow in schizophrenic patients. Golden CJ, et al. **Hillside J Clin Psychiatry** 1985;7(1):3-15

Electrodermal non-responding in schizophrenia: relationships to attentional, clinical, biochemical, computed tomographical and genetic factors. Alm T, et al. **Int J Psychophysiol** 1984 Feb;1(2):195-208

The orienting response and psychopathology: commentary on the papers by James and Barry and by Alm, Lindström, Ost and Ohman [editorial] Gruzelier JH. **Int J Psychophysiol** 1984 Feb;1(2):133-5

Hemispheric imbalances in schizophrenia. Gruzelier JH. **Int J Psychophysiol** 1984 Mar;1(3):227-40 (75 ref.)

Clinical psychopathologic symptoms in neuropsychologically impaired and intact schizophrenics. Silverstein ML, et al. **J Consult Clin Psychol** 1985 Apr;53(2):267-8

Influenza and schizophrenia: a possible connection with the substantia nigra. Maurizi CP. **Med Hypotheses** 1984 Oct; 15(2):163-7

Gonadotropin response to gonadotropin releasing hormone in acute schizophrenia. Cantalamessa L, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(3):411-7

Neuropeptides and schizophrenia: spinal fluid and brain studies. Introduction. van Kammen DP, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985;9(1):53-4

Psychophysiological indices of adolescent schizophrenia--a preliminary report. Stein BA, et al. **Psychiatr J Univ Ottawa** 1985 Jun;10(2):110-3

Cortisol response to morphine and the DST [letter] Banki CM, et al. **Psychiatry Res** 1985 May;15(1):81-3

Smooth pursuit eye tracking, neuropsychological test performance, and computed tomography in schizophrenia. Bartfai A, et al. **Psychiatry Res** 1985 May;15(1):49-62

Sensory and perceptual behavioral markers of schizophrenia. Kietzman ML. **Psychopharmacol Bull** 1985;21(3):518-22

Neurophysiological aspects of information processing in schizophrenia. Steinhauer SR. **Psychopharmacol Bull** 1985; 21(3):513-7

Psychobiological markers for schizophrenia: state of the art and future perspectives. Zubin J. **Psychopharmacol Bull** 1985;21(3):490-6

Responses of prolactin and growth hormone to L-tryptophan infusion: effects in normal subjects and schizophrenic patients receiving neuroleptics. Cowen PJ, et al. **Psychopharmacology (Berlin)** 1985;86(1-2):164-9

Neuroendocrine effects of apomorphine in chronic schizophrenic patients under long-term neuroleptic therapy and after drug withdrawal: relations to psychopathology and tardive dyskinesia. Müller-Spahn F, et al. **Psychopharmacology (Berlin)** 1984;84(3):436-40

A limiting factor in the 'normalization' of schizophrenic orienting response dysfunction. Bernstein AS, et al. **Schizophr Bull** 1985;11(2):230-54

Akinesia, tardive dysmentia, and frontal lobe disorder in schizophrenia. Goldberg E. **Schizophr Bull** 1985; 11(2):255-63

Neural plasticity in schizophrenia. Haracz JL. **Schizophr Bull** 1985;11(2):191-229

Relative advance of eye movement to the target in the rightward tracking in schizophrenics. Matsue Y, et al. **Tohoku J Exp Med** 1984 Jul;143(3):345-9

[Regulation of receptor sensitivity and psychiatry] Cai N. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Apr; 18(2):124-7 (18 ref.) **(Chi)**

[A preliminary report on EEG spectrum analysis of schizophrenia] Hou Y. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Jun; 17(3):129-30 (Eng. Abstr.) **(Chi)**

[Preliminary study on the handedness of schizophrenics with special reference to its psychopathological phenomenon] Li XT. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Feb; 18(1):33-5 (Eng. Abstr.) **(Chi)**

[Proposal for a new descriptive psycho-physiopathological model of schizophrenia] Leroy C, et al. **Ann Med Psychol (Paris)** 1984 Sep-Oct;142(8):1049-85 (Eng. Abstr.) **(Fre)**

[Physiopathology of schizophrenia. Some biologic aspects] Tissot R. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(1):29-40 **(Fre)**

[EEG correlates of information processing in acute and remittent schizophrenic patients] Koukkou M. **Schweiz Arch Neurol Psychiatr** 1985;136(1):37-43 (Eng. Abstr.) **(Ger)**

[Neurobiology of schizophrenia (II): the facts] Chamorro García L, et al. **Med Clin (Barc)** 1984 Sep 22;83(8):346-50 (63 ref.) **(Spa)**

REHABILITATION

Schizophrenic patients discharged from hospital--a follow-up study. Johnstone EC, et al. **Br J Psychiatry** 1984 Dec;145:586-90

Prognosis of the course of schizophrenic psychoses compared to other psychiatric illnesses. Catamnestic treatment and outcome 1 year after discharge. Gaebel W, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(3):189-97

An examination of the efficacy of social skills training for chronic schizophrenic patients. Bellack AS, et al. **Hosp Community Psychiatry** 1984 Oct;35(10):1023-8

Schizophrenia and work. Cohen CI. **Hosp Community Psychiatry** 1984 Oct;35(10):1040-2

Recidivism [letter] Diesenhaus HI. **Hosp Community Psychiatry** 1984 Oct;35(10):1042-3

Behaviour modification in nursing practice and research: a case study. Blair C. **J Adv Nurs** 1985 Mar;10(2):165-8

The employment problems of people disabled by schizophrenia. Floyd M. **J Soc Occup Med** 1984 Aug; 34(3):93-5

Effects of a self-recording procedure on the attending to task behavior and academic productivity of adolescents with multiple handicaps. Morrow LW, et al. **Ment Retard** 1985 Jun;23(3):137-41

The long-term treatment of young schizophrenics in a community support program. Test MA, et al. **New Dir Ment Health Serv** 1985 Jun;(26):17-27

Social skills training for patients with schizophrenia: a controlled clinical trial. Wallace CJ, et al. **Psychiatry Res** 1985 Jul;15(3):239-47

Rehabilitation in schizophrenia--fifty years on. Oswald AG. **Scott Med J** 1984 Jul;29(3):154-6

Housing change of chronic schizophrenic patients: a consequence of the revolving door. Caton CL, et al. **Soc Sci Med** 1984;19(7):759-64

[The Strauss-Carpenter Scale: evaluation of its prognostic value for the 5-year outcome of schizophrenic patients] Möller HJ, et al. **Eur Arch Psychiatry Neurol Sci** 1984; 234(2):112-7 (Eng. Abstr.) **(Ger)**

[From family therapy to work with relatives or from the therapeutic to the preventive-rehabilitative paradigm in schizophrenia treatment] Hubschmid T. **Fortschr Neurol Psychiatr** 1985 Apr;53(4):117-22 (Eng. Abstr.) **(Ger)**

[Employment and earning capability in schizophrenic residual conditions] Velikonja M. **Lebensversicherungsmedizin** 1985 Jan 1;37(1):14, 16-8 **(Ger)**

[Late improvements in chronic schizophrenics] Müller C. **Schweiz Arch Neurol Psychiatr** 1985;136(1):17-22 (Eng. Abstr.) **(Ger)**

[Long-term treatment and rehabilitation of schizophrenic patients] Hofmann G, et al. **Wien Klin Wochenschr [Suppl]** 1984;154:4-8 (Eng. Abstr.) **(Ger)**

[Pilot community experiment for the social rehabilitation of schizophrenics] Llanes AS. **Minerva Psichiatr** 1985 Jan-Mar;26(1):47-51 (Eng. Abstr.) **(Ita)**

[Course of the social life of discharged schizophrenic patients--catamnestic results of long-term study] Miya M, et al. **Seishin Shinkeigaku Zasshi** 1984;86(9):736-67 **(Jpn)**

[Recovery process and social rehabilitation of schizophrenic patients] Nakai H. **Seishin Shinkeigaku Zasshi** 1984; 86(12):956-61 **(Jpn)**

[Rehabilitation program for patients with schizophrenia based on 2 weeks of family therapy at a camp] Chłopicki K, et al. **Psychiatr Pol** 1984 Mar-Apr;18(2):101-6 (Eng. Abstr.) **(Pol)**

[Theory of social roles in the rehabilitation of repeatedly hospitalized schizophrenic patients] Czuma K, et al. **Psychiatr Pol** 1984 Jul-Aug;18(4):367-70 (Eng. Abstr.) **(Pol)**

[Rehabilitation camps (personal experience)] Gawrońska B, et al. **Psychiatr Pol** 1984 Sep-Oct;18(5):445-50 (Eng. Abstr.) **(Pol)**

[Social adaptation of schizophrenic patients, former members of an ambulatory psychotherapeutic group, in the light of a 4-year follow-up] Muskat K, et al. **Psychiatr Pol** 1984 Jul-Aug;18(4):363-6 (Eng. Abstr.) **(Pol)**

[Several contemporary trends in studies on social rehabilitation in the USA] Kolb LK. **Zh Nevropatol Psikhiatr** 1984;84(8):1248-50 **(Rus)**

THERAPY

Long term course and outcome of the Agra cases in the International Pilot Study of Schizophrenia. Dube KC, et al. **Acta Psychiatr Scand** 1984 Aug;70(2):170-9

Effects of psychotherapy in schizophrenia. A retrospective study. Sjöström R. **Acta Psychiatr Scand** 1985 May; 71(5):513-22

Negative syndrome in schizophrenia: strategies for long-term management. Andreasen NC. **Adv Biochem Psychopharmacol** 1985;40:1-7

Organizational size and perceptions in a residential treatment program. Hellman ID, et al. **Am J Community Psychol** 1985 Feb;13(1):99-109

Does community care for the mentally ill make a difference? A tale of two cities. Beiser M, et al. **Am J Psychiatry** 1985 Sep;142(9):1047-52

Parental affective style and the treatment of schizophrenia. Predicting course of illness and social functioning. Doane JA, et al. **Arch Gen Psychiatry** 1985 Jan;42(1):34-42

Family management in the prevention of morbidity of schizophrenia. Clinical outcome of a two-year longitudinal study. Falloon IR, et al. **Arch Gen Psychiatry** 1985 Sep; 42(9):887-96

A controlled evaluation of inpatient family intervention. I. Preliminary results of the six-month follow-up. Glick ID, et al. **Arch Gen Psychiatry** 1985 Sep;42(9):882-6

Group discussions with young, chronic schizophrenic people [letter] Pridmore S, et al. **Aust NZ J Psychiatry** 1984 Sep; 18(3):286-7

Electroconvulsive therapy and schizophrenia. Van Valkenburg C, et al. **Biol Psychiatry** 1985 Jul;20(7):699-700

Leicester ECT trial: results in schizophrenia. Brandon S, et al. **Br J Psychiatry** 1985 Feb;146:177-83

A controlled trial of social intervention in the families of schizophrenic patients: two year follow-up. Leff J, et al. **Br J Psychiatry** 1985 Jun;146:594-600

On the promotion of non-drug treatments. Andrews G. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):994-5

Unraveling the symbiotic bond. Psychotherapeutic change in a schizophrenic patient. Cerney MS. **Bull Menninger Clin** 1984 Nov;48(6):479-500

The effectiveness of assertive training with elderly psychiatric outpatients. Clark MM, et al. **Community Ment Health J** 1984 Winter;20(4):262-8

Electroconvulsive therapy for schizophrenia in Ontario: a report on therapeutic polymorphism. Shugar G, et al.

Compr Psychiatry 1984 Sep-Oct;25(5):509-20

Use of electroconvulsive therapy in a Nigerian hospital. Sijuwola OA. **East Afr Med J** 1985 Jan;62(1):60-4

Comments on Terkelsen's 'Schizophrenia and the Family: II. Adverse effects of family therapy'. Grunebaum H. **Fam Process** 1984 Sep;23(3):421-8

Personal coping styles of schizophrenic outpatients. Cohen CI, et al. **Hosp Community Psychiatry** 1985 Apr; 36(4):407-10

Recovery from schizophrenia: a personal odyssey. Lovejoy M. **Hosp Community Psychiatry** 1984 Aug;35(8):809-12

Paradoxes faced by residents being trained in the psychosocial treatment of people with chronic schizophrenia. Minkoff K, et al. **Hosp Community Psychiatry** 1985 Aug;36(8):859-64

Characteristics of young adults with schizophrenic disorders treated in the community. Test MA, et al. **Hosp Community Psychiatry** 1985 Aug;36(8):853-8

Hypnosis as an adjunct to the psychotherapy of the severely disturbed patient: an affective development approach. Brown DP. **Int J Clin Exp Hypn** 1985 Oct;33(4):281-301

Effectiveness of different group structures for schizophrenic, character-disordered, and normal groups. Johnson DR, et al. **Int J Group Psychother** 1984 Jul;34(3):415-29

Intensive gestalt group therapy with schizophrenics. Serok S, et al. **Int J Group Psychother** 1984 Jul;34(3):431-50

Group psychotherapy with schizophrenic patients: an example of the oneness group. Wexler BE, et al. **Int J Group Psychother** 1984 Jul;34(3):451-71

Schizophrenics are curable! There are no schizophrenics in this age. Naka S. **Int J Soc Psychiatry** 1985 Summer; 31(2):85-91

Rehospitalization in chronic schizophrenia. Caton CL, et al. **J Nerv Ment Dis** 1985 Mar;173(3):139-48

Early insight and the management of schizophrenic decompensation. Heinrichs DW, et al. **J Nerv Ment Dis** 1985 Mar;173(3):133-8

Psychotherapy with chronic schizophrenics. Alliance, transference, and countertransference. Kahn EM. **J Psychosoc Nurs Ment Health Serv** 1984 Jul;22(7):20-5

The evaluation of an environmental remodeling program on a psychiatric geriatric ward. Stahler GJ, et al. **J Soc Psychol** 1984 Jun;123(1ST Half):101-13

The treatment-resistant patient and the need to stay crazy. Geisen L, et al. **Psychiatr Q** 1984 Spring;56(1):75-82

The outpatient treatment of schizophrenia: an integrated and comprehensive management-oriented approach. Roberts R. **Psychiatr Q** 1984 Summer;56(2):91-112

The shared field: a precursor stage in the development of a psychotherapeutic alliance with the hospitalized chronic schizophrenic patient. Selzer MA, et al. **Psychiatry** 1984 Nov;47(4):324-32

'Psychosocial' interventions with families and their effects on the course of schizophrenia: a review. Barrowclough C, et al. **Psychol Med** 1984 Aug;14(3):629-42

First person account: 'freedom' means knowing you have a choice. Bockes Z. **Schizophr Bull** 1985;11(3):487-9

Treatment of negative symptoms. Carpenter WT Jr, et al. **Schizophr Bull** 1985;11(3):440-52

A perspective on the psychotherapy of schizophrenia project. Carpenter WT Jr. **Schizophr Bull** 1984;10(4):599-603

O tempora, O mores: directions in research on the psychotherapeutic treatment of schizophrenia. Docherty JP. **Schizophr Bull** 1984;10(4):621-3

Effects of psychotherapy in schizophrenia: II. Comparative outcome of two forms of treatment. Gunderson JG, et al. **Schizophr Bull** 1984;10(4):564-98

Omission in review of treatment interactions [letter] Karon BP. **Schizophr Bull** 1985;11(1):16-8

The fear of reducing medication, and where have all the patients gone? Karon BP. **Schizophr Bull** 1984;10(4):613-7

Ideology and science in the individual psychotherapy of schizophrenia. Klerman GL. **Schizophr Bull** 1984; 10(4):608-12

A step forward in research on psychotherapy of schizophrenia. May PR. **Schizophr Bull** 1984;10(4):604-7

Psychotherapy in schizophrenia: the end of the pioneers' period. Müller C. **Schizophr Bull** 1984;10(4):618-20

Effects of psychotherapy in schizophrenia: I. Design and implementation of a controlled study. Stanton AH, et al. **Schizophr Bull** 1984;10(4):520-63

[A follow-up study of 70 cases of schizophrenia with a single attack and prolonged remission] Peng CX. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Aug; 17(4):249-51 (Eng. Abstr.) **(Chi)**

[Socio-familial participation in the prevention and treatment of psychotic disorders: a pilot study in Haidian District of Beijing] Shen YC. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Apr; 18(2):65-8 (Eng. Abstr.) **(Chi)**

[Treatment of schizophrenia] Alanen YO. **Duodecim** 1984; 100(20):1329-38 **(Fin)**

[Group relaxation therapy applied to psychotics] Fayat-Picard J. **Ann Med Psychol (Paris)** 1985 Feb; 143(2):160-5 **(Fre)**

[Trial of onager oil in the treatment of schizophrenia in connection with the prostaglandin deficiency hypothesis] Bourguignon A, et al. **Encephale** 1984;10(5):241-4 (Eng. Abstr.) **(Fre)**

[Responsibility of the physician with regard to the third party in the treatment of schizophrenic patients] Ney M. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(1):115-21 **(Fre)**

[Between the nature of schizophrenia and the care of schizophrenic patients] Racamier PC. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(1):135-42 **(Fre)**

[Schizophrenia: theoretical and therapeutic approaches] Rey-Bellet J. **Schweiz Arch Neurol Neurochir Psychiatr** 1984;135(1):5-8 **(Fre)**

[The treatment of psychotic and schizophrenic patients in a psychiatric outpatient service] Barrelet L. **Schweiz Rundsch Med Prax** 1984 Sep 11;73(37):1109-12 (Eng. Abstr.) **(Fre)**

[Does sex modify referral for inpatient psychiatric treatment? A model supported analysis based on utilization data] an der Heiden W, et al. **Eur Arch Psychiatry Neurol Sci** 1985; 234(5):319-24 (Eng. Abstr.) **(Ger)**

[Social integration and contacts to reference persons of the normal social environment in inpatient treatment in the psychiatric hospital. A prospective catamnestic study of patients admitted for the first time with schizophrenic and cyclothymic psychoses] Böcker FM. **Eur Arch Psychiatry Neurol Sci** 1984;234(4):250-7 (Eng. Abstr.) **(Ger)**

[Development of new prognosis indices for patients with schizophrenic diseases and evaluation of their predictive validity] Möller HJ, et al. **Fortschr Neurol Psychiatr** 1984 Dec;52(12):421-7 (Eng. Abstr.) **(Ger)**

[Value of group psychotherapy in the after care of schizophrenic patients. A 5 year follow-up study] Hartwich P, et al. **Nervenarzt** 1985 Jul;56(7):365-72 **(Ger)**

[Suicidal tendencies in schizophrenic patients hospitalized for the first time] Marneros A, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Apr; 37(4):205-14 (Eng. Abstr.) **(Ger)**

[Some electroencephalographic findings following bilateral and unilateral electroconvulsive treatment] Sack G. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Sep;36(9):533-6 (Eng. Abstr.) **(Ger)**

[Therapy of acute schizophrenic psychoses—a multidimensional approach] Platz T, et al. **Psychiatr Prax** 1984 Jul;11(4):109-15 (Eng. Abstr.) **(Ger)**

[Relations to schizophrenic patients at the level of the Balint group] Kraft H. **Psychother Psychosom Med Psychol** 1984 Nov;34(11):269-72 (Eng. Abstr.) **(Ger)**

[Psychodynamic aspects of schizophrenic negativism in individual psychotherapy] Benedetti G. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(1):17-27 (Eng. Abstr.) **(Ger)**

[The old and new picture of the schizophrenic patient] Bleuler M. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(1):143-9 **(Ger)**

[Self healing attempts by schizophrenic patients] Böker W, et al. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(1):123-33 (Eng. Abstr.) **(Ger)**

[Effect of social factors on the long-term course of schizophrenia] Ciompi L. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(1):101-13 (Eng. Abstr.) **(Ger)**

[Schizophrenia and systems therapy] Guntern G. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(1):41-71 (Eng. Abstr.) **(Ger)**

[Sociology and schizophrenia] Uchtenhagen A. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(1):73-85 (Eng. Abstr.) **(Ger)**

[Personal development in schizophrenia therapy] Benedetti G. **Schweiz Arch Neurol Psychiatr** 1985;136(1):23-8 (Eng. Abstr.) **(Ger)**

[Psychiatric treatment of schizophrenic patients in the clinic] Ernst K. **Schweiz Arch Neurol Psychiatr** 1985;136(1):67-74 (Eng. Abstr.) **(Ger)**

[The schizophrenic as ambulatory patient] Uchtenhagen A. **Schweiz Arch Neurol Psychiatr** 1985;136(1):61-6 (Eng. Abstr.) **(Ger)**

[Arguments in favor of family psychotherapy combined with psychotropic therapy in schizophrenia] Diacicov S, et al. **Rev Med Interna [Neurol Psihiatr]** 1984 Apr-Jun; 29(2):131-40 (Eng. Abstr.) **(Rum)**

[Treatment of schizophrenia by hemosorption] Churkin EA, et al. **Klin Med (Mosk)** 1985 Jan;63(1):23-6 (18 ref.) **(Rus)**

[Therapeutic approaches to the treatment of febrile schizophrenia] Avrutskiĭ GIa, et al. **Zh Nevropatol Psikhiatr** 1985;85(1):101-6 (Eng. Abstr.) **(Rus)**

[Forced method of insulin-coma therapy (methodology, effects)] Avrutskiĭ GIa, et al. **Zh Nevropatol Psikhiatr** 1984; 84(9):1386-9 (Eng. Abstr.) **(Rus)**

[Schizophrenic syndromes and efficacy of unilateral electroconvulsive therapy] Kornetov AN, et al. **Zh Nevropatol Psikhiatr** 1985;85(2):249-54 (Eng. Abstr.) **(Rus)**

[Treatment of endogenous depressions by sleep deprivation] Nosachev GN. **Zh Nevropatol Psikhiatr** 1985;85(4):565-70 (Eng. Abstr.) **(Rus)**

[Experience with radiotherapy in therapeutically resistant schizophrenia] Cigánik I, et al. **Cesk Psychiatr** 1985 Jun; 81(3):176-80 (Eng. Abstr.) **(Slo)**

[Experience with preverbal psychotherapy in a group of chronic psychotic patients] Angosto Saura T, et al. **Actas Luso Esp Neurol Psiquiatr** 1984 May-Jun; 12(3):215-22 **(Spa)**

[Influence of psychosocial therapy on the evolution of schizophrenia: comparative study] Montero I, et al. **Actas Luso Esp Neurol Psiquiatr** 1984 Jul-Aug;12(4):267-78 (Eng. Abstr.) **(Spa)**

URINE

Hyposthenuria as a marker for self-induced water intoxication and schizophrenic disorders. Vieweg V, et al. **Am J Psychiatry** 1984 Oct;141(10):1258-60

Resting urinary catecholamine excretion in schizophrenics: methodology and interpretation of results. Barbeito L, et al. **Biol Psychiatry** 1984 Oct;19(10):1419-25

SCHIZOPHRENIA, BORDERLINE see **SCHIZOTYPAL PERSONALITY DISORDER**

SCHIZOPHRENIA, CATATONIC

DIAGNOSIS

Progressive supranuclear palsy misdiagnosed as schizophrenia. Trzepacz PT, et al. **J Nerv Ment Dis** 1985 Jun;173(6):377-8

[Catatonia and mania: report of a case] Yan WW. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Apr; 18(2):81-2 (Eng. Abstr.) **(Chi)**

DRUG THERAPY

Treatment-resistant catatonic stupor and combined lithium-neuroleptic therapy: a case report. Climo LH. **J Clin Psychopharmacol** 1985 Jun;5(3):166-70

Endogenous opioid system in catatonia [letter] Sandyk R. **Psychiatry Res** 1985 Jun;15(2):159

[Dantrolene in the treatment of life-threatening psychiatric disease pictures. A contribution to the therapy of the malignant neuroleptic syndrome and acute febrile catatonia] Schulte-Sasse U, et al. **Dtsch Med Wochenschr** 1985 Mar 22;110(12):457-61 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Neurophysiological correlates of psychomotor activity in chronic schizophrenics. Chiarenza GA, et al. **Electroencephalogr Clin Neurophysiol** 1985 Oct; 61(4):218-28

PSYCHOLOGY

Representation of the internal world in catatonic schizophrenia. Johnson DR. **Psychiatry** 1984 Nov; 47(4):299-314

[Catatonia as the destructuring of space] Pelegrín Cetrán H. **Actas Luso Esp Neurol Psiquiatr** 1984 Nov-Dec; 12(6):393-403 (Eng. Abstr.) **(Spa)**

THERAPY

[Electroconvulsive and dantrolene treatment of acute febrile catatonia. A case report] Renfordt E, et al. **Nervenarzt** 1985 Mar;56(3):153-6 **(Ger)**

[Sequelae of delayed electroconvulsive therapy. A case report] Sauer H, et al. **Nervenarzt** 1985 Mar;56(3):150-2 **(Ger)**

[Emergency treatment of patients with schizophrenia] Poliachenko AB. **Vrach Delo** 1985 Feb;(2):99-100 **(Rus)**

SCHIZOPHRENIA, CHILDHOOD

BLOOD

[Changes in surface tension, electric potentials and acetylcholinesterase activity in the blood of children with schizophrenic psychoses treated with neuroleptics] Bichoński R, et al. **Folia Med Cracov** 1984;25(1-2):73-86 (Eng. Abstr.) **(Pol)**

[Effect of increased levels of trace elements in the blood on erythrocyte membrane permeability to sodium and potassium ions in childhood schizophrenia] Bichoński R, et al. **Psychiatr Pol** 1984 Sep-Oct;18(5):433-8 (Eng. Abstr.) **(Pol)**

COMPLICATIONS

[Protracted maniacal disorders in schizophrenic children] Burelomova IV. **Zh Nevropatol Psikhiatr** 1984; 84(10):1538-43 (Eng. Abstr.) **(Rus)**

[Association of schizophrenic and convulsive manifestations in children] Vrono MSh, et al. **Zh Nevropatol Psikhiatr** 1984;84(10):1547-50 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

[Early symptoms in schizophrenic patients in childhood and adolescence] Tuchscheerer G, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Jun; 36(6):357-60 (Eng. Abstr.) **(Ger)**

[Evaluation of pictorial and verbal expression of children with schizophrenia using the fairy-tale test 'The bewitched family'] Sulestrowska H. **Psychiatr Pol** 1984 Jul-Aug; 18(4):339-44 (Eng. Abstr.) **(Pol)**

[Various features of the syndrome of pathologic fantasizing in slowly progressing schizophrenia in children] Rudneva IK. **Zh Nevropatol Psikhiatr** 1984;84(10):1533-8 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Comparison of whole blood serotonin and platelet MAO in children with schizophrenia and major depressive disorder. Rogeness GA, et al. **Biol Psychiatry** 1985 Mar;20(3):270–5

FAMILIAL & GENETIC

Neurobiologic antecedents of schizophrenia in children. Evidence for an inherited, congenital neurointegrative defect. Fish B. **Arch Gen Psychiatry** 1977 Nov; 34(11):1297–313

[Family background of patients with slowly progressive childhood schizophrenia with a syndrome of pathologic fantasizing] Kozlova IA, et al. **Zh Nevropatol Psikhiatr** 1985;85(5):736–41 (Eng. Abstr.) **(Rus)**

PSYCHOLOGY

[Childhood schizophrenia] Atchkova M. **Psychiatr Enfant** 1984;27(1):69–106 **(Fre)**

[Comparative study of features of the perceptive and intellectual activity of schizophrenic children] Aleĭnikova SM, et al. **Zh Nevropatol Psikhiatr** 1984;84(10):1543–7 (Eng. Abstr.) **(Rus)**

THERAPY

[The role of parents in the treatment of psychotic children] Buddeberg B. **Schweiz Arch Neurol Psychiatr** 1985; 136(2):43–52 (Eng. Abstr.) **(Ger)**

SCHIZOPHRENIA, DISORGANIZED

PHYSIOPATHOLOGY

Neurophysiological correlates of psychomotor activity in chronic schizophrenics. Chiarenza GA, et al. **Electroencephalogr Clin Neurophysiol** 1985 Oct; 61(4):218–28

[Study of cerebral blood flow by the xenon–133 method in 10 schizophrenic adolescents] Chabrol H, et al. **Encephale** 1985 May–Jun;11(3):121–3 (Eng. Abstr.) **(Fre)**

PSYCHOLOGY

[The speech of hebephrenic patients (maladjustment between assimilation and accommodation)] Tissot R, et al. **Ann Med Psychol (Paris)** 1985 Jan;143(1):15–34 (Eng. Abstr.) **(Fre)**

SCHIZOPHRENIA, HEBEPHRENIC see **SCHIZOPHRENIA, DISORGANIZED**

SCHIZOPHRENIA, LATENT see **SCHIZOTYPAL PERSONALITY DISORDER**

SCHIZOPHRENIA, PARANOID

BLOOD

Studies on prolactin in major psychoses––with reference to prolactin response to stress in schizophrenia. Tsuchiya K. **Folia Psychiatr Neurol Jpn** 1984;38(1):53–6

CEREBROSPINAL FLUID

Multidimensional analysis of the concentrations of 17 substances in the CSF of schizophrenics and controls. Gattaz WF, et al. **Biol Psychiatry** 1985 Apr;20(4):360–6

Vasopressin––oxytocin in cerebrospinal fluid of schizophrenic patients and normal controls. Beckmann H, et al. **Psychoneuroendocrinology** 1985;10(2):187–91

COMPLICATIONS

Co–existence of the Capgras and Ekbom syndromes. McLaughlin JA, et al. **Br J Psychiatry** 1984 Oct;145:439–41

Unusual use of ultrasound in a paranoid patient [letter] Cook PE, et al. **Can Med Assoc J** 1984 Sep 15;131(6):539

When a mentally ill woman refuses abortion [editorial] Mahowald M, et al. **Hastings Cent Rep** 1985 Apr;15(2):22–3

Pharmacologic and psychotherapeutic issues in coexistent paranoid schizophrenia and narcolepsy: case report. Cadieux RJ, et al. **J Clin Psychiatry** 1985 May;46(5):191–3

[Toxic megacolon in psychiatric patients] Koponen H, et al. **Duodecim** 1984;100(23–24):1624–6 **(Fin)**

DIAGNOSIS

A case of Capgras' phenomenon. Wilcox JA. **Aust NZ J Psychiatry** 1984 Dec;18(4):391–2

Sleep–onset REM period in paranoid schizophrenia [letter] Kumar A, et al. **Biol Psychiatry** 1985 Jul;20(7):815–6

Late paraphrenia [letter] Levy R, et al. **Br J Psychiatry** 1985 Apr;146:451

Carbamazepine in the treatment of aggressive behavior in schizophrenic patients: a case report [letter] Hoaken PC. **Can J Psychiatry** 1984 Apr;29(3):282

Dynamics of evoked potentials in the course of progressive schizophrenia. Kirpichenko AA, et al. **Neurosci Behav Physiol** 1984 Nov–Dec;14(6):489–92

After the dust has settled––proposition for health care on the part of airlines. Funatsu Y. **Sangyo Ika Daigaku Zasshi** 1985 Mar 1;7 Suppl:24–31

[Comparative clinical studies on schizoaffective psychosis, bipolar disorder and paranoid schizophrenia. I. Selected features of the psychopathological picture and course of the illness] Habrat B. **Psychiatr Pol** 1984 Sep–Oct; 18(5):425–31 (Eng. Abstr.) **(Pol)**

[Comparative–age features of the dynamics of delusional syndromes in the course of paranoid schizophrenia] Alimkhanov ZhA. **Zh Nevropatol Psikhiatr** 1984; 84(8):1203–9 (Eng. Abstr.) **(Rus)**

[Acoasmatic hallucinosis in tardive schizophrenia] Kostrikina IE. **Zh Nevropatol Psikhiatr** 1985;85(2):243–9 (Eng. Abstr.) **(Rus)**

[Clinico–psychopathologic features and typology of acute paranoid episodes in schizophrenia] Mukhin AA. **Zh Nevropatol Psikhiatr** 1985;85(2):236–43 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Effect of methadone plus neuroleptics on treatment–resistant chronic paranoid schizophrenia. Brizer DA, et al. **Am J Psychiatry** 1985 Sep;142(9):1106–7

Is loxapine more effective than chlorpromazine in paranoid schizophrenia? Rifkin A, et al. **Am J Psychiatry** 1984 Nov; 141(11):1411–3

Haloperidol increases the cerebrospinal fluid concentrations of cyclic GMP in schizophrenic patients. Gattaz WF, et al. **Biol Psychiatry** 1984 Aug;19(8):1229–35

Haloperidol plasma levels and clinical response in paranoid schizophrenics. Linkowski P, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(4):231–6

Lithium–responsive schizophrenia: case reports. Prakash R. **J Clin Psychiatry** 1985 Apr;46(4):141–2

Effects of thioridazine and fluphenazine on the pituitary, thyroid and adrenal functions in patients with paranoid schizophrenia. Horodnicki JM, et al. **Psychiatr Pol** 1984 May–Jun;18(3):205–11

[Treatment of several psychotic states with the combination of valproic acid with diazepam] Bourguignon A, et al. **Ann Med Psychol (Paris)** 1984 Nov;142(9):1214–8 **(Fre)**

[Various methods of overcoming secondary resistance to treatment developing in relation to adaptation to psychotropic drugs during long–term treatment (clinico–experimental study)] Avrutskiĭ GIa, et al. **Zh Nevropatol Psikhiatr** 1984;84(8):1213–20 (Eng. Abstr.) **(Rus)**

[Haloperidol decanoate in replacing combinations of antipsychotic agents in the treatment of chronic schizophrenics] Youssef HA. **Acta Psiquiatr Psicol Am Lat** 1984 Dec;30(4):297–304 **(Spa)**

ETIOLOGY

[Paranoid syndrome in Bourneville's disease] Mrowiec W, et al. **Wiad Lek** 1985 May 1;38(9):674–6 **(Pol)**

HISTORY

Was the 'nervous illness' of Schreber a case of affective disorder? Lipton AA. **Am J Psychiatry** 1984 Oct; 141(10):1236–9

PATHOLOGY

A neurohistological correlate of schizophrenia. Kovelman JA, et al. **Biol Psychiatry** 1984 Dec;19(12):1601–21

PHYSIOPATHOLOGY

Perception of voice characteristics of adult schizophrenics. McCaffrey P, et al. **Percept Mot Skills** 1985 Feb;60(1):106

PSYCHOLOGY

Illusory correlations in paranoid and non–paranoid schizophrenia. Brennan JH, et al. **Br J Clin Psychol** 1984 Sep;23 (Pt 3):225–6

Staff reaction to an inpatient homicide. Cournos F. **Hosp Community Psychiatry** 1985 Jun;36(6):664–6

Episodic weekend psychosis on an intensive care unit. Moldin SO. **Hosp Community Psychiatry** 1984 Dec;35(12):1230–2

Paranoid and nonparanoid schizophrenia: drive dominated thinking and thought pathology at two phases of disorder. Lazar BS, et al. **J Clin Psychol** 1985 Mar;41(2):145–51

Defensive projection. An investigation of its role in paranoid conditions. Heilbrun AB Jr, et al. **J Nerv Ment Dis** 1985 Jan;173(1):17–25

[A case of matricide, questions posed (with videotape recording)] Dreyfuss L, et al. **Ann Med Psychol (Paris)** 1984 Nov;142(9):1192–205 **(Fre)**

[The schizophrenic phenomenon of thought formation] Avenarius R. **Nervenarzt** 1984 Nov;55(11):589–95 **(Ger)**

[Competitive sports in psychoses] Dannhorn R. **Psychother Psychosom Med Psychol** 1985 Jul;35(7):193–7 (Eng. Abstr.) **(Ger)**

[Relationship between information processing and short– and long–term memory in patients with paranoid schizophrenia] Grzywa A, et al. **Psychiatr Pol** 1984 May–Jun;18(3):219–24 (Eng. Abstr.) **(Pol)**

[Analysis of errors in the transformation of abstract concepts by patients with paranoid schizophrenia] Grzywa A, et al. **Psychiatr Pol** 1984 Jul–Aug;18(4):333–8 (Eng. Abstr.) **(Pol)**

[Clinical conference at the Brazilian Institute for Study and Research in Gastroenterology] Pontes JF, et al. **Arq Gastroenterol** 1984 Jul–Sep;21(3):143–50 **(Por)**

THERAPY

Effect of treatment rationale and problem severity upon therapeutic preferences. Fox SG, et al. **Psychol Rep** 1984 Aug;55(1):207–14

SCHIZOPHRENIA, PSEUDONEUROTIC see **SCHIZOTYPAL PERSONALITY DISORDER**

SCHIZOPHRENIC DISORDERS see **SCHIZOPHRENIA**

SCHIZOPHRENIC LANGUAGE

Language and thinking in psychosis. Is there an input abnormality? Grove WM, et al. **Arch Gen Psychiatry** 1985 Jan;42(1):26–32

Language in schizophrenia. The structure of monologues and conversations. Rutter DR. **Br J Psychiatry** 1985 Apr; 146:399–404

A critique of Hoffman's analysis of schizophrenic speech. Beveridge AW, et al. **Brain Lang** 1985 Jan;24(1):174–81

The discourse of thought–disordered schizophrenic children. Leaper C, et al. **Brain Lang** 1985 May;25(1):72–86

Message disruptions during syntactic processing in schizophrenia. Hoffman RE, et al. **J Commun Disord** 1985 Jun;18(3):183–202

Positive symptoms and the organization within and between ideas in schizophrenic speech. Allen HA, et al. **Psychol Med** 1985 Feb;15(1):71–80

The thought behind the words: a view of schizophrenic speech and thinking disorders. Lanin–Kettering I, et al. **Schizophr Bull** 1985;11(1):1–15

The need to relate cognitive deficits to specific behavioral referents of schizophrenia. Neale JM, et al. **Schizophr Bull** 1985;11(2):286–91

[The speech of hebephrenic patients (maladjustment between assimilation and accommodation)] Tissot R, et al. **Ann Med Psychol (Paris)** 1985 Jan;143(1):15–34 (Eng. Abstr.) **(Fre)**

[Interpretation of proverbs as a clinical method for the detection of schizophrenic thinking, speech and symbolism disorders] Holm–Hadulla RM, et al. **Nervenarzt** 1984 Sep; 55(9):496–503 **(Ger)**

[Patholinguistics of schizophrenic texts. A comparative study of schizophrenic, depressive, brain organic and healthy patients] Tress W, et al. **Nervenarzt** 1984 Sep;55(9):488–95 **(Ger)**

[Various aspects of language disorders in schizophrenia] Wandzel L. **Psychiatr Pol** 1984 Nov–Dec;18(6):583–8 (25 ref.) **(Pol)**

[Attitudes suppressed by culture and the individual and their reflection in the language of schizophrenics] Wróbel J. **Psychiatr Pol** 1984 May–Jun;18(3):241–6 (Eng. Abstr.) **(Pol)**

SCHIZOPHRENIC PSYCHOLOGY

A psychosocial study of Igbo schizophrenic patients treated at a Nigerian psychiatric hospital. Ihezue UH, et al. **Acta Psychiatr Scand** 1984 Oct;70(4):310–5

Relationship between CSF noradrenaline levels, C–EEG indicators of activation and psychosis ratings in drug–free schizophrenic patients. Kemali D, et al. **Acta Psychiatr Scand** 1985 Jan;71(1):19–24

A cross–cultural study of the frequencies of Schneider's first rank symptoms of schizophrenia. Ndetei DM, et al. **Acta Psychiatr Scand** 1984 Dec;70(6):540–4

A comparative cross–cultural study of the frequencies of hallucination in schizophrenia. Ndetei DM, et al. **Acta Psychiatr Scand** 1984 Dec;70(6):545–9

Class drift and schizophrenia. Silverton L, et al. **Acta Psychiatr Scand** 1984 Oct;70(4):304–9

Speed of information–processing and structural limitations by mentally retarded and dual–diagnosed retarded–schizophrenic persons. Saccuzzo DP, et al. **Am J Ment Defic** 1984 Sep;89(2):187–94

The time course of information–processing deficits in schizophrenia. Braff DL, et al. **Am J Psychiatry** 1985 Feb; 142(2):170–4

Symptoms and the genetics of schizophrenia: implications for diagnosis. Dworkin RH, et al. **Am J Psychiatry** 1984 Dec;141(12):1541–6

Cognitive, psychotic, or educational impairment in schizophrenia? [letter] Goldstein PC, et al. **Am J Psychiatry** 1984 Nov;141(11):1489–90

Susceptibility to backward masking in schizophrenic patients with positive or negative symptoms. Green M, et al. **Am J Psychiatry** 1984 Oct;141(10):1273–5

The course of psychosis in early phases of schizophrenia. Harrow M, et al. **Am J Psychiatry** 1985 Jun;142(6):702–7

Prospective study of prodromal symptoms in schizophrenic relapse. Heinrichs DW, et al. **Am J Psychiatry** 1985 Mar; 142(3):371–3

Mania with emotional blunting: affective disorder or schizophrenia? Jampala VC, et al. **Am J Psychiatry** 1985 May;142(5):608–12

Genetics of schizophrenia and the positive–negative dimension [letter] Kay SR, et al. **Am J Psychiatry** 1985 Aug;142(8):994–6

Psychopharmacologic and clinical correlates of attention in chronic schizophrenia. Strauss ME, et al. **Am J Psychiatry** 1985 Apr;142(4):497–9

Hyposthenuria as a marker for self–induced water intoxication and schizophrenic disorders. Vieweg V, et al. **Am J Psychiatry** 1984 Oct;141(10):1258-60

Positive and negative symptoms and Jackson. A conceptual history. Berrios GE. **Arch Gen Psychiatry** 1985 Jan;42(1):95-7

Diagnosis and prognosis in schizophrenia. Cloninger CR, et al. **Arch Gen Psychiatry** 1985 Jan;42(1):15-25

Language and thinking in psychosis. Is there an input abnormality? Grove WM, et al. **Arch Gen Psychiatry** 1985 Jan;42(1):26-32

Haloperidol. Plasma levels and prolactin response as predictors of clinical improvement in schizophrenia: chemical v radioreceptor plasma level assays. Smith RC, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1044-9

Schneider's first-rank symptoms of schizophrenia. An association with increased growth hormone response to apomorphine. Whalley LJ, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1040-3

Sexual histories, attitudes, and behavior of schizophrenic and 'normal' women. Friedman S, et al. **Arch Sex Behav** 1984 Dec;13(6):555-67

Black female transsexuals and schizophrenia: a serendipitous finding? Lothstein LM, et al. **Arch Sex Behav** 1984 Aug;13(4):371-86

The sexual development and life of female schizophrenic patients. Raboch J. **Arch Sex Behav** 1984 Aug;13(4):341-9

Group discussions with young, chronic schizophrenic people [letter] Pridmore S, et al. **Aust NZ J Psychiatry** 1984 Sep;18(3):286-7

How serious is schizophrenia? Comments on prognosis. Harding CM, et al. **Biol Psychiatry** 1984 Dec;19(12):1597-600

Functional hemispheric differences in schizophrenia: interhemispheric transfer deficit or selective hemisphere dysfunction? Hatta T, et al. **Biol Psychiatry** 1984 Jul;19(7):1027-36

Correlation of deep and surface electroencephalograms with psychosis and hallucinations in schizophrenics: a report of two cases. Heath RG, et al. **Biol Psychiatry** 1985 Jun;20(6):669-74

Abnormalities of blink rate in psychoses: a preliminary report. Helms PM, et al. **Biol Psychiatry** 1985 Jan;20(1):103-6

The skin conductance orienting response in neuroleptic-free schizophrenics: replication of the scoring criteria effect. Levinson DF, et al. **Biol Psychiatry** 1985 Jun;20(6):646-53

The modality shift effect in schizophrenia: fact or artifact? Mannuzza S, et al. **Biol Psychiatry** 1984 Sep;19(9):1317-31

A corpus callosal deficit in sequential analysis by schizophrenics. Schwartz BD, et al. [illegible] **Psychiatry** 1984 Dec;19(12):1667-76

Illusory correlations in paranoid and non-paranoid schizophrenia. Brennan JH, et al. **Br J Clin Psychol** 1984 Sep;23 (Pt 3):225-6

Bimodal electrodermal activity in schizophrenia. Mirkin AM. **Br J Clin Psychol** 1985 May;24 (Pt 2):131-2

Thought organization and primary process in the parents of schizophrenics. Meloy JR. **Br J Med Psychol** 1984 Sep;57 (Pt 3):279-81

Is there really a schizophrenia? The long-term course of psychotic phenomena. Ciompi L. **Br J Psychiatry** 1984 Dec;145:636-40

Long-term depot maintenance of chronic schizophrenic out-patients: the seven year follow-up of the Medical Research Council fluphenazine/placebo trial. II. The incidence of compliance problems, side-effects, neurotic symptoms and depression. Curson DA, et al. **Br J Psychiatry** 1985 May;146:469-74

A mechanism to inhibit input activation and its dysfunction in schizophrenia. Johnson JD. **Br J Psychiatry** 1985 Apr;146:429-35

Institutionalisation and the outcome of functional psychoses. Johnstone EC, et al. **Br J Psychiatry** 1985 Jan;146:36-44

Schizophrenia with good and poor outcome. III: Neurological 'soft' signs, cognitive impairment and their clinical significance. Kolakowska T, et al. **Br J Psychiatry** 1985 Apr;146:348-57

Homicide in a psychiatric institution. Modestin J, et al. **Br J Psychiatry** 1985 Mar;146:321-4

Water intoxication in psychiatric patients. Singh S, et al. **Br J Psychiatry** 1985 Feb;146:127-31

The effect of context during word perception in schizophrenic patients. Done DJ, et al. **Brain Lang** 1984 Nov;23(2):318-36

The signs and symptoms of schizophrenia. Alpert M. **Compr Psychiatry** 1985 Mar-Apr;26(2):103-12

The AMDP-system in chronic hospitalized schizophrenics. Ban TA, et al. **Compr Psychiatry** 1985 Jul-Aug;26(4):370-4

Nonverbal disturbances attributed to the schizophrenic psychoses. Bartolucci G. **Compr Psychiatry** 1984 Sep-Oct;25(5):491-502

Relationships of mood and interpersonal perceptions. Janowsky DS, et al. **Compr Psychiatry** 1984 Nov-Dec;25(6):546-51

The unintegrated right cerebral hemispheric consciousness as alien intruder: a possible mechanism for Schneiderian delusions in schizophrenia. Nasrallah HA. **Compr Psychiatry** 1985 May-Jun;26(3):273-82

Verbal recall in schizophrenia: differential effect of retroactive interference in nonparanoid patients. Sengel RA, et al. **Compr Psychiatry** 1985 Mar-Apr;26(2):164-74

Schizophrenia at the crossroads: a blueprint for the 80s. Zubin J, et al. **Compr Psychiatry** 1985 May-Jun;26(3):217-40 (64 ref.)

Social disability in schizophrenia: the controlled prospective Burghölzli study. I. Case-finding, research design, and characteristics of samples. Isele R, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(5):341-7

Social disability in schizophrenia: the controlled prospective Burghölzli study II. Premorbid living situation and social adjustment--comparison with a normal control sample. Isele R, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(5):348-56

Frequency of occurrence of Schneider's first rank symptoms in Schizophrenia. Marneros A. **Eur Arch Psychiatry Neurol Sci** 1984;234(1):78-82

Schizophrenia suspecta. Marneros A, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(4):207-11

Relationship between subjective self-report of cognitive dysfunction and objective information-processing performance in a group of hospitalized schizophrenic patients. Williams RM, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(1):48-53

Stability of psychotic symptomatology (delusions, hallucinations), affective syndromes, and schizophrenic symptoms (thought disorder, incongruent affect) over episodes in remitting psychoses. Winokur G, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(5):303-7

Comments on Terkelsen's 'Schizophrenia and the Family: II. Adverse effects of family therapy'. Grunebaum H. **Fam Process** 1984 Sep;23(3):421-8

Experimental psychological studies on schizophrenia: word-card distribution test and some psychological consideration. Ishida T. **Folia Psychiatr Neurol Jpn** 1984;38(2):91-110

The adaptive-style theory of schizophrenic development: current research with schizophrenics. Heilbrun AB Jr. **Genet Psychol Monogr** 1984 Nov;110(2D Half):229-55 (49 ref.)

Personal coping styles of schizophrenic outpatients. Cohen CI, et al. **Hosp Community Psychiatry** 1985 Apr;36(4):407-10

Critical treatment issues in suicide among schizophrenics. Cotton PG, et al. **Hosp Community Psychiatry** 1985 May;36(5):534-6

Nosography and theory of the schizophrenias. Freeman T. **Int J Psychoanal** 1985;66 (Pt 2):237-43

Interpersonal competence among college men hypothesized to be at risk for schizophrenia. Beckfield DF. **J Abnorm Psychol** 1985 Aug;94(3):397-404

Formal thought disorder in schizophrenics and their twins. Berenbaum H, et al. **J Abnorm Psychol** 1985 Feb;94(1):3-16

Span of apprehension deficits in children vulnerable to psychopathology: a failure to replicate. Harvey PD, et al. **J Abnorm Psychol** 1985 Aug;94(3):410-9

Problem-solving characteristics of process and reactive schizophrenics and affective-disordered patients. King S, et al. **J Abnorm Psychol** 1985 Feb;94(1):17-29

Back to Topeka: two types of distance in Rapaport's original Rorschach thought disorder categories. Schuldberg D, et al. **J Abnorm Psychol** 1985 May;94(2):205-15

Relationship of gender and marital status with symptomatology in psychotic patients. Walker E, et al. **J Abnorm Psychol** 1985 Feb;94(1):42-50

Geographic category confusion: a sign of thinking disorder? [letter] Schorer CE. **J Clin Psychiatry** 1985 Apr;46(4):150-1

Association of intellectual impairment, negative symptoms, and aging with tardive dyskinesia: clinical and animal studies. Waddington JL, et al. **J Clin Psychiatry** 1985 Apr;46(4 Pt 2):29-33

The measurement of schizophrenic conceptualization using a Spanish translation of the Whitaker Index of Schizophrenic Thinking. Acevedo Noriega N, et al. **J Clin Psychol** 1985 Mar;41(2):157-61

Schizophrenic and depressed inpatients' perceptions of congruent and incongruent communications. Colussy SA, et al. **J Clin Psychol** 1985 May;41(3):331-7

A cognitive peculiarity specific to schizophrenia. Crookes TG. **J Clin Psychol** 1984 Jul;40(4):893-6

The 'winter born phenomenon' among schizophrenics: differences between blacks and whites. Gallagher BJ 3d, et al. **J Clin Psychol** 1984 Sep;40(5):1151-9

Paranoid and nonparanoid schizophrenia: drive dominated thinking and thought pathology at two phases of disorder. Lazar BS, et al. **J Clin Psychol** 1985 Mar;41(2):145-51

The schizophrenia spectrum: a study of the relationship among the Rorschach, MMPI, and visual backward masking. Saccuzzo DP, et al. **J Clin Psychol** 1984 Nov;40(6):1288-94

Associative response bias and severity of thought disorder in schizophrenia and mania. Sengel RA, et al. **J Clin Psychol** 1984 Jul;40(4):889-92

Examining the Chapman and Chapman theory of schizophrenia through continuous word association with two nosological systems. Silverstein ML, et al. **J Clin Psychol** 1984 Sep;40(5):1127-35

Do anorexics and schizophrenics look alike on the MMPI? A critique. Verberne TJ. **J Clin Psychol** 1984 Nov;40(6):1433-4

Social bonding and community adjustment of chronically mentally ill adults. Grusky O, et al. **J Health Soc Behav** 1985 Mar;26(1):49-63

Suicide among schizophrenics. Who is at risk? Drake RE, et al. **J Nerv Ment Dis** 1984 Oct;172(10):613-7

Reality monitoring in mania and schizophrenia. The association of thought disorder and performance. Harvey PD. **J Nerv Ment Dis** 1985 Feb;173(2):67-73

Early insight and the management of schizophrenic decompensation. Heinrichs DW, et al. **J Nerv Ment Dis** 1985 Mar;173(3):133-8

Psychosis in children of Holocaust survivors: influence of the Holocaust in the choice of themes in their psychoses. Link N, et al. **J Nerv Ment Dis** 1985 Feb;173(2):115-7

Thought disorder. A function of schizophrenia, mania, or psychosis? Marengo J, et al. **J Nerv Ment Dis** 1985 Jan;173(1):35-41

Ethnicity and reporting of schizophrenic symptoms. Randolph ET, et al. **J Nerv Ment Dis** 1985 Jun;173(6):332-40

Correlations of self-directed violence in acute schizophrenics with clinical ratings and personality measures. Seeman K, et al. **J Nerv Ment Dis** 1985 May;173(5):298-302

Neuropsychological dysfunction in schizophrenia. Relation to associative thought disorder. Silverstein ML, et al. **J Nerv Ment Dis** 1985 Jun;173(6):341-6

Death from self-induced water intoxication among patients with schizophrenic disorders. Vieweg WV, et al. **J Nerv Ment Dis** 1985 Mar;173(3):161-5

Responses of schizophrenics and nonpatients to a tachistoscopic presentation of the Rorschach. Colligan SC, et al. **J Pers Assess** 1985 Apr;49(2):129-36

The Rorschach H response and object relations. Lerner H, et al. **J Pers Assess** 1984 Aug;48(4):345-50

Schizophrenic, depressive, and nonpatient personality organizations described by Rorschach factor structures. Mason BJ, et al. **J Pers Assess** 1985 Jun;49(3):295-305

Motor control of schizophrenics--II. Manual control and tracking: sensory and motor deficits. Mather JA, et al. **J Psychiatr Res** 1984;18(3):287-98

Correlates of dangerous behavior by schizophrenics in hospital. Yesavage JA. **J Psychiatr Res** 1984;18(3):225-31

The effect of presenting novel and familiar word pairs on the stimulus-seeking behavior of schizophrenics and normals. Harrison RH, et al. **J Psychol** 1984 Nov;118(2ND Half):179-88

Schizophrenics' and college students' preference for and judgment of schizophrenic versus normal humorous captions. Rosin SA, et al. **J Psychol** 1984 Nov;118(2ND Half):189-95

Hearing voices. Field WE Jr. **J Psychosoc Nurs Ment Health Serv** 1985 Jan;23(1):9-14

Somatic illness in manic-depressive and schizophrenic patients. Ghadirian AM, et al. **J Psychosom Res** 1985;29(3):281-6

Medical and family factors influencing university performances in schizophrenic students. Nica-Udangiu S. **Neurol Psychiatr (Bucur)** 1984 Oct-Dec;22(4):243-9

Interhemispheric transfer of visual information in schizophrenics. Fogliani AM, et al. **Percept Mot Skills** 1985 Jun;60(3):867-70

Motoric indicators of laterality and determination of lateral dominance in schizophrenia. Scott DG. **Percept Mot Skills** 1985 Jun;60(3):971-85

A longitudinal study of time estimation in psychotic disorders. Tysk L. **Percept Mot Skills** 1984 Dec;59(3):779-89

Electrodermal recovery data on children of schizophrenic parents. Erlenmeyer-Kimling L, et al. **Psychiatry Res** 1985 Feb;14(2):149-61

The Genain Quadruplets: psychological studies. Mirsky AF, et al. **Psychiatry Res** 1984 Sep;13(1):77-93

Positive and negative symptoms in schizophrenia. Rosen WG, et al. **Psychiatry Res** 1984 Dec;13(4):277-84

Informed consent as a source of bias in clinical research. Schubert DS, et al. **Psychiatry Res** 1984 Aug;12(4):313-20

Lateral ventricular enlargement and clinical response in schizophrenia. Smith RC, et al. **Psychiatry Res** 1985 Mar;14(3):241-53

Cognitive performance of medicated schizophrenics with tardive dyskinesia. Collerton D, et al. **Psychol Med** 1985 May;15(2):311-5

Diseases of civilization? Murphy HB. **Psychol Med** 1984 Aug;14(3):487-90

Some cognitive correlates of schizophrenic illnesses. Robertson G, et al. **Psychol Med** 1985 Feb;15(1):81-98

Self-consciousness in acute and chronic schizophrenics. Andersson C, et al. **Psychol Rep** 1984 Oct;55(2):569-70

Comparison of process-reactive measures in DSM-III diagnosed schizophrenics. Cheselka O, et al. **Psychol Rep** 1984 Dec;55(3):1003-8

Decoding of facial affect in schizophrenia. Mandal MK, et al. **Psychol Rep** 1985 Apr;56(2):651-2

Hemispheric asymmetry of cognitive processing in schizophrenics. Miller L. **Psychol Rep** 1984 Dec;55(3):932-4

The psychopathology of 'late schizophrenia'. Marneros A, et al. **Psychopathology** 1984;17(5-6):264-74

Schizophrenic patients' attitudes toward their former illness. Müller P, et al. **Psychopathology** 1984;17(5-6):217-27

Absence of relationship of serum haloperidol concentration and clinical response in chronic schizophrenia: a fixed-dose study. Bigelow LB, et al. **Psychopharmacol Bull** 1985;21(1):66-8

Sensory and perceptual behavioral markers of schizophrenia. Kietzman ML. **Psychopharmacol Bull** 1985;21(3):518-22

Methylphenidate challenge tests and course of schizophrenia. Lieberman JA, et al. **Psychopharmacol Bull** 1985;

21(1):123–9

Plasma levels of haloperidol and clinical response. Van Putten T, et al. **Psychopharmacol Bull** 1985;21(1):69–72

Involuntary disorders of movement in chronic schizophrenia—the role of the illness and its treatment. Owens DG. **Psychopharmacology [Suppl]** 1985;2:79–87

Bibliography and abstracts on schizophrenia. **Schizophr Bull** 1985;11(1):158–83

Positive vs. negative schizophrenia: a critical evaluation. Andreasen NC. **Schizophr Bull** 1985;11(3):380–9

Symptomatic and neuropsychological components of defect states. Bilder RM, et al. **Schizophr Bull** 1985;11(3):409–19

First person account: 'freedom' means knowing you have a choice. Bockes Z. **Schizophr Bull** 1985;11(3):487–9

Treatment of negative symptoms. Carpenter WT Jr, et al. **Schizophr Bull** 1985;11(3):440–52

A perspective on the psychotherapy of schizophrenia project. Carpenter WT Jr. **Schizophr Bull** 1984;10(4):599–603

Positive and negative schizophrenic symptoms, attention, and information processing. Cornblatt BA, et al. **Schizophr Bull** 1985;11(3):397–408

The two-syndrome concept: origins and current status. Crow TJ. **Schizophr Bull** 1985;11(3):471–86

O tempora, O mores: directions in research on the psychotherapeutic treatment of schizophrenia. Docherty JP. **Schizophr Bull** 1984;10(4):621–3

Cognition and symptomatology in schizophrenia. George L, et al. **Schizophr Bull** 1985;11(2):264–85

An empirical test of a Kraepelinian vs. a Bleulerian view of negative symptoms. Gibbons RD, et al. **Schizophr Bull** 1985;11(3):390–6

Negative and deficit symptoms in schizophrenia do respond to neuroleptics. Goldberg SC. **Schizophr Bull** 1985; 11(3):453–6

Effects of psychotherapy in schizophrenia: II. Comparative outcome of two forms of treatment. Gunderson JG, et al. **Schizophr Bull** 1984;10(4):564–98

Ideology and science in the individual psychotherapy of schizophrenia. Klerman GL. **Schizophr Bull** 1984; 10(4):608–12

The thought behind the words: a view of schizophrenic speech and thinking disorders. Lanin-Kettering I, et al. **Schizophr Bull** 1985;11(1):1–15

First person account: where did I go? McGrath ME. **Schizophr Bull** 1984;10(4):638–40

A step forward in research on psychotherapy of schizophrenia. May PR. **Schizophr Bull** 1984;10(4):604–7

Multiple contributions to clinical presentation of flat affect in schizophrenia. Mayer M, et al. **Schizophr Bull** 1985; 11(3):420–6

Critical stimulus duration: schizophrenic trait or state? Merritt RD, et al. **Schizophr Bull** 1985;11(3):341–3

Psychotherapy in schizophrenia: the end of the pioneers' period. Müller C. **Schizophr Bull** 1984;10(4):618–20

Increased critical stimulus duration: vulnerability or episode indicator? Nuechterlein KH, et al. **Schizophr Bull** 1985; 11(3):344–6

Rating verbal communication impairment in schizophrenia and affective disorders. Oltmanns TF, et al. **Schizophr Bull** 1985;11(2):292–9

Hourglass model of psychiatric diseases: the endogenous psychoses. Pethö B. **Schizophr Bull** 1984;10(4):509–19

First person account: making the best of it. Piercey BP. **Schizophr Bull** 1985;11(1):155–7

Negative symptoms in schizophrenia: their longitudinal course and prognostic importance. Pogue-Geile MF, et al. **Schizophr Bull** 1985;11(3):427–39

'Negative symptoms': conceptual and methodological problems. Sommers AA. **Schizophr Bull** 1985;11(3):364–79

Effects of psychotherapy in schizophrenia: I. Design and implementation of a controlled study. Stanton AH, et al. **Schizophr Bull** 1984;10(4):520–63

Negative symptoms: future developments of the concept. Strauss JS. **Schizophr Bull** 1985;11(3):457–60

Prognosis and outcome using broad (DSM-II) and narrow (DSM-III) concepts of schizophrenia. Westermeyer JF, et al. **Schizophr Bull** 1984;10(4):624–37

Negative symptoms: are they indigenous to schizophrenia? Zubin J. **Schizophr Bull** 1985;11(3):461–70

[Psychological test of overinclusion in relatives of the immediate family of schizophrenics] Fan ZS. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Apr; 18(2):69–71 (Eng. Abstr.) **(Chi)**

[Schizophrenic homicide—report of 6 cases] Sun JW. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Jun; 17(3):140–2 (Eng. Abstr.) **(Chi)**

[Converging trends in schizophrenia research] van den Bosch RJ. **Ned Tijdschr Geneeskd** 1985 Jun 22;129(25):1179–82 **(Dut)**

[Proposal for a new descriptive psycho-physiopathological model of schizophrenia] Leroy C, et al. **Ann Med Psychol (Paris)** 1984 Sep–Oct;142(8):1049–85 (Eng. Abstr.) **(Fre)**

[Apropos of creativity among psychotic patients] Ohayon M, et al. **Ann Med Psychol (Paris)** 1984 Jul–Aug; 142(7):991–1001 **(Fre)**

[Object relations of the parents of schizophrenics] Birot E, et al. **Psychiatr Enfant** 1984;27(2):433–521 **(Fre)**

[Lost childhood of a schizophrenic] Diatkine R, et al. **Psychiatr Enfant** 1985;28(1):5–38 **(Fre)**

[The schizophrenic patient and his body: remarks on the psychosomatic economy of dissociative psychoses] Andreoli A. **Schweiz Arch Neurol Neurochir Psychiatr** 1984;135(1):87–99 (Eng. Abstr.) **(Fre)**

[Between the nature of schizophrenia and the care of schizophrenic patients] Racamier PC. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(1):135–42 **(Fre)**

[Schizophrenia: theoretical and therapeutic approaches] Rey-Bellet J. **Schweiz Arch Neurol Neurochir Psychiatr** 1984;135(1):5–8 **(Fre)**

[Phenomenology of schizophrenia] Tatossian A. **Schweiz Arch Neurol Neurochir Psychiatr** 1984;135(1):9–15 **(Fre)**

[Similarities and differences inthe psychological performance of schizophrenic patients and their families (letter)] Rothmeier J, et al. **Dtsch Med Wochenschr** 1985 Jan 25; 110(4):157 **(Ger)**

[Social integration and contacts to reference persons of the normal social environment in inpatient treatment in the psychiatric hospital. A prospective catamnestic study of patients admitted for the first time with schizophrenic and cyclothymic psychoses] Böcker FM. **Eur Arch Psychiatry Neurol Sci** 1984;234(4):250–7 (Eng. Abstr.) **(Ger)**

[Psychopathometric cross sectional study in aged chronic schizophrenic patients] Benos J. **Fortschr Neurol Psychiatr** 1984 Jul;52(7):223–36 (Eng. Abstr.) **(Ger)**

[Development of new prognosis indices for patients with schizophrenic diseases and evaluation of their predictive validity] Möller HJ, et al. **Fortschr Neurol Psychiatr** 1984 Dec;52(12):421–7 (Eng. Abstr.) **(Ger)**

[Employment and earning capability in schizophrenic residual conditions] Velikonja M. **Lebensversicherungsmedizin** 1985 Jan 1;37(1):14, 16–8 **(Ger)**

[Interpretation of proverbs as a clinical method for the detection of schizophrenic thinking, speech and symbolism disorders] Holm-Hadulla RM, et al. **Nervenarzt** 1984 Sep; 55(9):496–503 **(Ger)**

[InSka (Intentionality Scale)—a new psychopathometric instrument for the detection of schizophrenic residual symptoms] Mundt C, et al. **Nervenarzt** 1985 Mar; 56(3):146–9 **(Ger)**

[The concept of intentionality and the deficiency theory of schizophrenias] Mundt C. **Nervenarzt** 1984 Nov; 55(11):582–8 **(Ger)**

[Uncharacteristic 'basic' symptoms in the Frankfurt Complaint Questionnaire and their relation to psychopathologic syndromes] Rösler M, et al. **Nervenarzt** 1985 May;56(5):259–64 **(Ger)**

[Substrate near-basic disorder or nosologically ambiguous subjective cognitive disorder? Critical analysis of the Frankfurt Complaint Questionnaire by Süllwold] Teusch L. **Nervenarzt** 1985 May;56(5):265–9 **(Ger)**

[Patholinguistics of schizophrenic texts. A comparative study of schizophrenic, depressive, brain organic and healthy patients] Tress W, et al. **Nervenarzt** 1984 Sep;55(9):488–95 **(Ger)**

[Clinico-psychologic studies on the problem of functional psychotic deterioration in schizophrenia] Kohlmann-Joss M, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Jan; 37(1):11–21 (Eng. Abstr.) **(Ger)**

[Suicidal tendencies in schizophrenic patients hospitalized for the first time] Marneros A, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Apr; 37(4):205–14 (Eng. Abstr.) **(Ger)**

[Early symptoms in schizophrenic patients in childhood and adolescence] Tuchscheerer G, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Jun; 36(6):357–60 (Eng. Abstr.) **(Ger)**

[Social integration of long-term paraphrenic patients with low-dose depot neuroleptic medication] Lesch OM, et al. **Psychiatr Prax** 1985 Mar;12(2):63–8 (Eng. Abstr.) **(Ger)**

[Stigmatization of psychiatric patients: the city versus the country] Angermeyer MC, et al. **Psychother Psychosom Med Psychol** 1985 Mar–Apr; 35(3–4):99–103 (Eng. Abstr.) **(Ger)**

[Relations to schizophrenic patients at the level of the Balint group] Kraft H. **Psychother Psychosom Med Psychol** 1984 Nov;34(11):269–72 (Eng. Abstr.) **(Ger)**

[Suicide in schizophrenic patients. Reflections of the genesis and prevention based on case examples] Mundt C. **Psychother Psychosom Med Psychol** 1984 Aug;34(8):193–7 (Eng. Abstr.) **(Ger)**

[Psychodynamic aspects of schizophrenic negativism in individual psychotherapy] Benedetti G. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(1):17–27 (Eng. Abstr.) **(Ger)**

[The old and new picture of the schizophrenic patient] Bleuler M. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(1):143–9 **(Ger)**

[Self healing attempts by schizophrenic patients] Böker W, et al. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(1):123–33 (Eng. Abstr.) **(Ger)**

[Effect of social factors on the long-term course of schizophrenia] Ciompi L. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(1):101–13 (Eng. Abstr.) **(Ger)**

[Schizophrenia and systems therapy] Guntern G. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(1):41–71 (Eng. Abstr.) **(Ger)**

[Sociology and schizophrenia] Uchtenhagen A. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(1):73–85 (Eng. Abstr.) **(Ger)**

[Premorbid personality of schizophrenic patients] Angst J, et al. **Schweiz Arch Neurol Psychiatr** 1985;136(1):45–53 (Eng. Abstr.) **(Ger)**

[Personal development in schizophrenia therapy] Benedetti G. **Schweiz Arch Neurol Psychiatr** 1985;136(1):23–8 (Eng. Abstr.) **(Ger)**

[EEG correlates of information processing in acute and remittent schizophrenic patients] Koukkou M. **Schweiz Arch Neurol Psychiatr** 1985;136(1):37–43 (Eng. Abstr.) **(Ger)**

[Early childhood autism and schizophrenia] Merz-Ammann A, et al. **Schweiz Arch Neurol Psychiatr** 1985;136(2):19–27 (Eng. Abstr.) **(Ger)**

[Psychopathology and genetics of schizophrenia] Scharfetter C. **Schweiz Arch Neurol Psychiatr** 1985;136(1):29–36 (Eng. Abstr.) **(Ger)**

[Anamnesis of adolescent schizophrenics. A contribution on the problem of the etiology of schizophrenia] Züblin W. **Schweiz Arch Neurol Psychiatr** 1985;136(2):29–41 (Eng. Abstr.) **(Ger)**

[Long-term treatment and rehabilitation of schizophrenic patients] Hofmann G, et al. **Wien Klin Wochenschr [Suppl]** 1984;154:4–8 (Eng. Abstr.) **(Ger)**

[Sense and sense relations in psychopathology] Glatzel J. **Z Klin Psychol Psychopathol Psychother** 1985;33(1):30–40 (Eng. Abstr.) **(Ger)**

[The Ranking Rorschach test in schizophrenics] Rovera GG, et al. **Minerva Psichiatr** 1984 Oct–Dec;25(4):241–3 (Eng. Abstr.) **(Ita)**

[Study on the dyadic dynamics of 2 monozygotic twins discordant with respect to schizophrenic symptomatology] Torre LV, et al. **Minerva Psichiatr** 1984 Oct–Dec; 25(4):233–40 (Eng. Abstr.) **(Ita)**

[A study on application of the function of maintaining concentration (TAF) for chronic schizophrenia] Okamoto Y, et al. **Hokkaido Igaku Zasshi** 1985 May;60(3):445–9 (Eng. Abstr.) **(Jpn)**

[Case study of ten families of schizophrenics: the patients and their siblings in the family history] Inoue S, et al. **Seishin Shinkeigaku Zasshi** 1985;87(1):32–52 (Eng. Abstr.) **(Jpn)**

[Selective attentional functioning as reflected in ERPs during syllable discrimination tasks. (II). Correlations between cognitive deficits and abnormal ERP findings in schizophrenics] Kameyama T, et al. **Seishin Shinkeigaku Zasshi** 1984;86(7):501–24 (Eng. Abstr.) **(Jpn)**

[A case of trichotillomania in schizophrenia] Giersz T. **Psychiatr Pol** 1984 Mar–Apr;18(2):171–3 **(Pol)**

[Analysis of errors in the transformation of abstract concepts by patients with paranoid schizophrenia] Grzywa A, et al. **Psychiatr Pol** 1984 Jul–Aug;18(4):333–8 (Eng. Abstr.) **(Pol)**

[Abnormal thirst (polydipsia) and water intoxication in mental disorders] Habrat B. **Psychiatr Pol** 1984 Mar–Apr; 18(2):159–63 **(Pol)**

[Evaluation of pictorial and verbal expression of children with schizophrenia using the fairy-tale test 'The bewitched family'] Sulestrowska H. **Psychiatr Pol** 1984 Jul–Aug; 18(4):339–44 (Eng. Abstr.) **(Pol)**

[Attitudes suppressed by culture and the individual and their reflection in the language of schizophrenics] Wróbel J. **Psychiatr Pol** 1984 May–Jun;18(3):241–6 (Eng. Abstr.) **(Pol)**

[Features of the social and vocational adaptation of schizophrenic patients with a favorable course according to the results of a clinico-epidemiologic study] Arganovskii ML, et al. **Zh Nevropatol Psikhiatr** 1984;84(8):1187–93 (Eng. Abstr.) **(Rus)**

[Features of perception of interpersonal relations by schizophrenic patients] Khlomov DN. **Zh Nevropatol Psikhiatr** 1984;84(12):1810–5 (Eng. Abstr.) **(Rus)**

[Clinical picture and forensic psychiatric significance of jealousy delusions in schizophrenic women] Kozlova AM. **Zh Nevropatol Psikhiatr** 1984;84(8):1209–13 (Eng. Abstr.) **(Rus)**

[Status of the sensory sphere in schizophrenic patients with a cenestopathic-hypochondriacal syndrome] Zav'ialov AV, et al. **Zh Nevropatol Psikhiatr** 1985;85(1):84–9 (Eng. Abstr.) **(Rus)**

[Systems analysis of the flow of associations in healthy subjects and patients with mental disorders] Pashkovskii VE, et al. **Zh Vyssh Nerv Deiat** 1985 Mar–Apr;35(2):238–44 (Eng. Abstr.) **(Rus)**

SCHIZOPHRENIFORM DISORDERS see **PSYCHOTIC DISORDERS**

SCHIZOPHYLLAN see under **MUCOPOLYSACCHARIDES**

SCHIZOPHYLLUM see under **AGARICACEAE**

SCHIZOSACCHAROMYCES see under **ASCOMYCETES**

SCHIZOTYPAL PERSONALITY DISORDER

DIAGNOSIS

Impaired smooth pursuit eye movement: vulnerability marker for schizotypal personality disorder in a normal volunteer population. Siever LJ, et al. **Am J Psychiatry** 1984 Dec;141(12):1560-6

Social disability in schizophrenia: the controlled prospective Burghölzli study II. Premorbid living situation and social adjustment--comparison with a normal control sample. Isele R, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(5):348-56

An assessment of the schedule for schizotypal personalities and the DSM-III criteria for diagnosing schizotypal personality disorder. Perry JC, et al. **J Nerv Ment Dis** 1984 Nov;172(11):674-80

A critical examination of empirical studies of the diagnosis of borderline disorders in adults. Dahl AA. **Psychiatr Dev** 1985 Spring;3(1):1-29

[Borderline states in psychiatry] Kučerová H. **Cas Lek Cesk** 1985 May 31;124(22):694-6 (Eng. Abstr.) **(Cze)**

[Early symptoms in schizophrenic patients in childhood and adolescence] Tuchscheerer G, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Jun;36(6):357-60 (Eng. Abstr.) **(Ger)**

[The problem of schizoid reactive psychoses in the light of data in the literature] Linka M. **Psychiatr Pol** 1984 Sep-Oct;18(5):477-85 (19 ref.) **(Pol)**

[Analysis of selected parameters in a group of patients with pseudoneurotic schizophrenia hospitalized for the first time] Perzyński J. **Psychiatr Pol** 1984 May-Jun;18(3):213-8 (Eng. Abstr.) **(Pol)**

[Symptomatology of the initial psychotic signs in schizophrenia diagnosed at onset as a pseudoneurotic syndrome] Perzyński J. **Psychiatr Pol** 1984 Nov-Dec;18(6):561-6 (Eng. Abstr.) **(Pol)**

DRUG THERAPY

Effect of tranquilizers on borderline and schizotypal patients questioned [letter] Rockland LH. **Am J Psychiatry** 1985 May;142(5):665-6

Response of borderline and schizotypal patients to small doses of thiothixene and haloperidol. Serban G, et al. **Am J Psychiatry** 1984 Nov;141(11):1455-8

FAMILIAL & GENETIC

Familial transmission of schizotypal and borderline personality disorders. Baron M, et al. **Am J Psychiatry** 1985 Aug;142(8):927-34

HISTORY

Historical perspectives on the borderline concept: a review and critique. Aronson TA. **Psychiatry** 1985 Aug;48(3):209-22

OCCURRENCE

Frequency of criteria-defined borderline patients among the first-visit patients at a psychiatric clinic. Ota T, et al. **Folia Psychiatr Neurol Jpn** 1984;38(4):417-24

PHYSIOPATHOLOGY

Reflection of stable dominant states on the EEG of schizophrenic and alcoholic patients. Sudakov KV, et al. **Neurosci Behav Physiol** 1985 Jan-Feb;15(1):38-44

PSYCHOLOGY

14-year follow-up of borderline and schizotypal personality disorders. Plakun EM, et al. **Compr Psychiatry** 1985 Sep-Oct;26(5):448-55

The impact of borderline and schizotypal personality disorders on patients and their families. Schulz PM, et al. **Hosp Community Psychiatry** 1985 Aug;36(8):879-81

Assessment of suicide risk in patients with personality disorder and major affective diagnosis. Clements CD, et al. **QRB** 1985 May;11(5):150-4

[Premorbid personality of schizophrenic patients] Angst J, et al. **Schweiz Arch Neurol Psychiatr** 1985;136(1):45-53 (Eng. Abstr.) **(Ger)**

THERAPY

Characteristics of young adults with schizophrenic disorders treated in the community. Test MA, et al. **Hosp Community Psychiatry** 1985 Aug;36(8):853-8

SCHOENLEIN-HENOCH PURPURA see **PURPURA, SCHOENLEIN-HENOCH**

SCHOLARSHIPS see **FELLOWSHIPS AND SCHOLARSHIPS**

SCHOOL ADMISSION CRITERIA see under **EDUCATIONAL MEASUREMENT**

SCHOOL DENTISTRY

Posttreatment benefits from participation in a school-based fluoride mouthrinsing program: results after up to 7 years of rinsing. Leske GS, et al. **Caries Res** 1985;19(4):371-8

Comparison of caries prevalence 7 years after discontinuation of school-based fluoride rinsing or toothbrushing in Norway. Haugejorden O, et al. **Community Dent Oral Epidemiol** 1985 Feb;13(1):2-6

Effects of school-based dental health education on knowledge, attitudes and behavior of adolescents in San Francisco. Walsh MM. **Community Dent Oral Epidemiol** 1985 Jun;13(3):143-7

Effect of secular decline in caries on the evaluation of preventive dentistry demonstrations. Bohannan HM, et al. **J Public Health Dent** 1985 Spring;45(2):83-9

Operation of the National Preventive Dentistry Demonstration Program. Bohannan HM, et al. **J Public Health Dent** 1985 Spring;45(2):75-82

The school-based dental care systems of New Zealand and South Australia--a decade of change. Jones RB. **J Public Health Dent** 1984 Summer;44(3):120-4

The surface-specific caries pattern of participants in a school-based fluoride mouthrinsing program with implications for the use of sealants. Ripa LW, et al. **J Public Health Dent** 1985 Spring;45(2):90-4

[Changes in the caries picture in students of specialized secondary schools in Budapest between 1975 and 1982] Boross E, et al. **Fogorv Sz** 1984 Nov;77(11):325-31 (Eng. Abstr.) **(Hun)**

SCHOOL DROPOUTS see **STUDENT DROPOUTS**

SCHOOL HEALTH SERVICES

The adolescent back. A field survey of 370 Finnish schoolchildren. Salminen JJ. **Acta Paediatr Scand [Suppl]** 1984;315:1-122

Speech, admittance and tone tests in school screening. Reconciling economics with pathology and disability perspectives. Haggard MP, et al. **Br J Audiol** 1984 Aug;18(3):133-53

A school-based program of mental health services. Kriechman AM. **Hosp Community Psychiatry** 1985 Aug;36(8):876-8

Health peer outreach by high school students. Demeny M, et al. **J Adolesc Health Care** 1985 May;6(3):206-10

1984 Distinguished Service Award. Presented at the 58th annual convention of the American School Health Association, Oct. 10, 1984, Pittsburgh, PA. **J Sch Health** 1984 Nov;54(10):418-20

A history of vision screening. Appelboom TM. **J Sch Health** 1985 Apr;55(4):138-41

Ten smoking education programs for schools. Bailey WJ. **J Sch Health** 1985 Jan;55(1):33-4

Reaffirming the need for parent involvement in health education. Bensley LB Jr. **J Sch Health** 1985 Jan;55(1):38-9

Project SCAN: counseling teen-age parents in a school setting. Delatte JG Jr, et al. **J Sch Health** 1985 Jan;55(1):24-6

A comparative study of three model comprehensive elementary school health education programs. DuShaw ML. **J Sch Health** 1984 Nov;54(10):397-400

A survey of elementary school health education in West Virginia. Folio SB, et al. **J Sch Health** 1984 Nov;54(10):401-2

1984 William A. Howe Award recipient. Judith B. Igoe. Igoe JB. **J Sch Health** 1984 Nov;54(10):416-7

Michigan School Health Association celebrates golden anniversary. Jubb WH, et al. **J Sch Health** 1984 Sep;54(8):308-9

Anorexia nervosa and bulimia: questions and answers for school personnel. Mallick MJ. **J Sch Health** 1984 Sep;54(8):299-301

Screening and the health care of children. **Med J Aust** 1985 Feb 4;142(3):223

Faculty practice in primary care. Free T, et al. **Nurs Outlook** 1985 Jul-Aug;33(4):192-4

School screening for scoliosis. One experience in California using clinical examination and moiré photography. Adler NS, et al. **West J Med** 1984 Nov;141(5):631-3

[Early detection of scoliosis by examinations at schools] Smutný J. **Cesk Pediatr** 1984 Sep;39(9):553 **(Cze)**

[The health status of the youngest school children. A study of 486 children from the kindergarten and first classes in the district of Karlebo during the 1982-83 school year] Haupt JL, et al. **Ugeskr Laeger** 1984 Aug 20;146(34):2575-8 (Eng. Abstr.) **(Dan)**

[Biological development and schooling] Vermeil G, et al. **Bull Acad Natl Med (Paris)** 1984 Dec;168(9):1027-31 (Eng. Abstr.) **(Fre)**

[Feeding of children in the schools 1982] Szponar L, et al. **Rocz Panstw Zakl Hig** 1984;35(3):193-200 (Eng. Abstr.) **(Pol)**

[Hygienic evaluation of difficulties of studies in an elementary school] Stepanova MI. **Gig Sanit** 1984 Dec;(12):67-9 **(Rus)**

[The gynecologist in the planning of health education in schools] Tokin S, et al. **Med Pregl** 1985;38(1-2):69-71 (Eng. Abstr.) **(Scr)**

[Pediculus humanus capitis: a municipal antiparasite campaign among school children] Bolívar B, et al. **An Esp Pediatr** 1984 Nov 30;21(8):757-60 (Eng. Abstr.) **(Spa)**

ECONOMICS

School-based health research funded by the National Heart, Lung, and Blood Institute. Stone EJ. **J Sch Health** 1985 May;55(5):168-74

HISTORY

[100 years of school medicine in Prague] Slosarová V, et al. **Cesk Pediatr** 1984 Jul;39(7):420-4 **(Cze)**

[Hospital organization in the early 18th century reflected in contemporary documentation. II. Task complex of the institutional physician of the Halle school complex 'at the orphanage'] Kaiser W, et al. **Z Gesamte Inn Med** 1985 Mar 1;40(5):151-7 (Eng. Abstr.) **(Ger)**

[Creation and development of health services for children's and adolescents' hygiene in the Ukraine (1938-1945)] Borisenko NF, et al. **Gig Sanit** 1984 Aug;(8):44-8 **(Rus)**

MANPOWER

[Swiss continuing education meetings for school physicians. An evaluation of preferences for selected subjects] Mühlemann R, et al. **Soz Praventivmed** 1984;29(4-5):227-8 (Eng. Abstr.) **(Ger)**

ORGANIZATION & ADMINISTRATION

In Nigerian communities. Health promotion through the primary school health programme. Demehin AO. **Hygie** 1985 Mar;4(1):40-5

Integrating cardiovascular health education with an English curriculum in a secondary school. Holcomb JD, et al. **J Sch Health** 1984 Oct;54(9):339-42

Meeting the needs of the teen-age pregnant student: an in-school program that works. McAfee ML, et al. **J Sch Health** 1984 Oct;54(9):350-2

Developing, implementing, and evaluating a wellness education program. Papenfuss R, et al. **J Sch Health** 1984 Oct;54(9):360-2

The Athletic Health Care and Training Program. A comprehensive approach to the prevention and management of athletic injuries in high schools. Rice SG, et al. **West J Med** 1985 Mar;142(3):352-7

[Responding to health needs of apprentices and secondary-school students: current programs in 2 Swiss cantons] Michaud PA, et al. **Soz Praventivmed** 1985;30(3):144-7 (Eng. Abstr.) **(Fre)**

[Objectives of public health authorities and institutions with regard to schoolchildren's health] Grebesheva II. **Pediatriia** 1984 Sep;(9):3-6 **(Rus)**

[Joint activities of public education and health authorities in the fields of health care and the education of schoolchildren] Guseva IN, et al. **Pediatriia** 1985 Feb;(2):3-7 **(Rus)**

[Main organizational trends in the field of health care of schoolchildren living in the Murmansk district] Taran NA. **Pediatriia** 1985 Feb;(2):70-2 **(Rus)**

[Role of health agencies in promoting child health] Tiuliandin AD. **Sov Med** 1985;(1):61-5 **(Rus)**

STANDARDS

Competencies of Florida school health educators. Sutherland M, et al. **J Sch Health** 1984 Oct;54(9):358-9

Are high schools adequately prepared to cope with serious rugby injuries? Glaun R, et al. **S Afr Med J** 1984 Nov 17;66(20):768-70

[Selection of school sites with reference to traffic noise in cities] Meng ZH. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1985 Jan;19(1):21-3 (Eng. Abstr.) **(Chi)**

SUPPLY & DISTRIBUTION

A survey of audiological services within the school system. Wall LG, et al. **ASHA** 1985 Jan;27(1):31-4

TRENDS

The delivery of primary health care in American public schools, 1890-1980. Kort M. **J Sch Health** 1984 Dec;54(11):453-7

School health research: a current perspective. Weinberg AD. **J Sch Health** 1985 May;55(5):166-7

[Priorities of school health in relation to historical conditions and viewpoints] Horn H. **Arztl Jugendkd** 1985 Jun;76(3):169-78 (Eng. Abstr.) **(Ger)**

[Current studies on pediatric and adolescent hygiene 1983] Chu'ianova MI, et al. **Gig Sanit** 1984 Dec;(12):24-6 **(Rus)**

[Tasks of hygienic science related to the reform of general education and vocational schools] Serdiukovskaia GN. **Gig Sanit** 1984 Jul;(7):4-6 **(Rus)**

[Medical problems involving the health of children and adolescents in connection with the reform of unspecialized and vocational schools] Baranov AA, et al. **Pediatriia** 1985 Mar;(3):3-6 **(Rus)**

UTILIZATION

Sanatorium admissions in a boys' boarding school. Briscoe JH. **Public Health** 1985 May;99(3):146-53

SCHOOL NURSING

The school nurse's dilemma.

J Psychosoc Nurs Ment Health Serv 1984 Aug;22(8):31–4

A nursing care plan for the handicapped student. Dunn JD. **J Sch Health** 1984 Sep;54(8):302–5

Employment trends of school personnel and staff 1980–1990. Frels L. **J Sch Health** 1985 Apr;55(4):142–4

The resolution of health problems in school children. Oda DS, et al. **J Sch Health** 1985 Mar;55(3):96–8

School nurses: improve the reception and sharpen the image. Seidenberg A. **J Sch Health** 1984 Oct;54(9):363–5

A study of current school nurse practice activities. White DH. **J Sch Health** 1985 Feb;55(2):52–6

EDUCATION

The 'nurse' in school nursing. Edwards LH, et al. **J Sch Health** 1985 Feb;55(2):82–3

Evaluation of the School Nurse Achievement Program: a follow-up survey of school nurses. Goodwin LD, et al. **J Sch Health** 1984 Oct;54(9):335–8

A neurological disorders workshop for school nurses. Reid SM, et al. **J Sch Health** 1984 Sep;54(8):306–7

A program to prepare prospective school nurses. Synoground G. **J Sch Health** 1984 Sep;54(8):295–8

TRENDS

School nursing in Great Britain. Frick SB. **J Sch Health** 1985 Mar;55(3):120–2

SCHOOLS

The adolescent, schools, and schooling. Berkovitz IH. **Adolesc Psychiatry** 1985;12:162–76

Providing school psychological services to hearing-impaired students in New Jersey. Trott LA. **Am Ann Deaf** 1984 Jun;129(3):319–23

Experimenting on social issues. The case of school desegregation. Cook SW. **Am Psychol** 1985 Apr;40(4):452–60

Asha interviews: Janis Costello, Jerry Punch, Teris Schery, Lawrence Shriberg [interview] Costello J, et al. **ASHA** 1984 Dec;26(12):27–31

School canteen menus in metropolitan Adelaide. Dooland MB, et al. **Aust Dent J** 1984 Aug;29(4):230–3

Parent report of school-related injuries. Hodgson C, et al. **Can J Public Health** 1985 Jan–Feb;76(1):56–8

Sequellae of school-related injuries: school and parent perspectives. Hodgson C, et al. **Can J Public Health** 1984 Jul–Aug;75(4):273–6

Determining and costing outcome measures of school screening programs. Lapointe C, et al. **Can J Public Health** 1984 Jul–Aug;75(4):281–4

Completeness of routine reporting of school-related injuries to children. Woodward CA, et al. **Can J Public Health** 1984 Nov–Dec;75(6):454–7

Effect of the immunization program in Ontario schools. Carlson JA, et al. **Can Med Assoc J** 1985 Aug 1;133(3):215–6

Learning about school: the development of kindergartners' school scripts. Fivush R. **Child Dev** 1984 Oct;55(5):1697–709

Aerobiology of schools and public institutions--part of a study. Gravesen S, et al. **Ecol Dis** 1983;2(4):411–3

Airborne asbestos in Colorado public schools. Chadwick DA, et al. **Environ Res** 1985 Feb;36(1):1–13

Parents' attitudes towards school meals for primary school children in 1981. Rona RJ, et al. **Hum Nutr Appl Nutr** 1984 Jun;38(3):187–98

Schools in Australia. The context for health education. Gay JE, et al. **Hygie** 1984 Dec;3(4):36–41

School health education in the United States. Gilbert GG, et al. **Hygie** 1984 Dec;3(4):10–5

Six years with W.H.O. in international school health education programmes. Lawrence T. **Hygie** 1984 Dec;3(4):42–9

School health education in Brazil. Marcondes RS. **Hygie** 1984 Dec;3(4):16–9

School health education in Hungary. Merényi K, et al. **Hygie** 1984 Dec;3(4):29–31

HAPI Health Series. A public health effort to improve school health education. Salisbury ZT, et al. **Hygie** 1985 Jun;4(2):7–12

Socio-economic factors and school health education in Greece. Velonakis E, et al. **Hygie** 1984 Dec;3(4):20–5

Sex roles and schooling or 'see Janet suffer, see John suffer too'. Delamont S. **J Adolesc** 1984 Dec;7(4):329–35

Family and school influences on behavioural development. Rutter M. **J Child Psychol Psychiatry** 1985 May;26(3):349–68

A survey of parental opinions on corporal punishment in schools. Kelly PC, et al. **J Dev Behav Pediatr** 1985 Jun;6(3):143–5

The effect of locus of control and perceptions of school environment on outcome in three school drug abuse prevention programs. Olton AL. **J Drug Educ** 1985;15(2):157–69

Drug abuse prevention education: what is realistic for schools? Sheppard MA. **J Drug Educ** 1984;14(4):323–9

Comprehensive school health education as defined by the National Professional School Health Education Organizations. **J Sch Health** 1984 Sep;54(8):312–5

The role of the school in consumer health education. Corry JM, et al. **J Sch Health** 1985 Apr;55(4):145–7

School health education: who, when, where? Doster M. **J Sch Health** 1985 Apr;55(4):161

The ethics of public affirmation in the health education classroom. Eddy JM. **J Sch Health** 1984 Sep;54(8):316–7

Tourette syndrome in the classroom: special problems, special needs. Stefl ME, et al. **J Sch Health** 1985 Feb;55(2):72–5

School health education in Tennessee. Wadley FS. **J Tenn Med Assoc** 1984 Dec;77(12):717, 720

An outbreak of Bacillus cereus food poisoning in a school hostel, Klang. Rampal L, et al. **Med J Malaysia** 1984 Jun;39(2):116–22

American Academy of Pediatrics. Committee on School Health. Health Education and schools. Zanga JR, et al. **Pediatrics** 1985 Jun;75(6):1160–1

The diabetic boy at boarding school. Briscoe JH. **Practitioner** 1984 Oct;228(1396):979–81

The promotion of physical activity in the United States population: the status of programs in medical, worksite, community, and school settings. Iverson DC, et al. **Public Health Rep** 1985 Mar–Apr;100(2):212–24

[Health guidance and education in schools. Possibilities and limitations] Maes L. **Arch Belg** 1985;43(1–2):50–64 (Eng. Abstr.) **(Dut)**

[In France, school health education] Vilian C. **Hygie** 1984 Dec;3(4):26–8 (Eng. Abstr.) **(Fre)**

[School counselors: from the prevention of drug abuse to a larger role] Kilcher LR, et al. **Soz Praventivmed** 1985;30(3):148–51 (Eng. Abstr.) **(Fre)**

[Introduction of health education in Vaud schools] Michaud PA, et al. **Soz Praventivmed** 1985;30(3):140–3 (Eng. Abstr.) **(Fre)**

[Summertime heating of classrooms and indications for heat-induced missed classes] Kubisch M, et al. **Arztl Jugendkd** 1985 Feb;76(1):21–8 (Eng. Abstr.) **(Ger)**

[The university between general education and professional training] Wild W. **Naturwissenschaften** 1985 Jul;72(7):358–64 (Eng. Abstr.) **(Ger)**

[Carpets in schools and room air quality] Hentschel W, et al. **Off Gesundheitswes** 1985 Mar;47(3):116–9 **(Ger)**

[Accidents, purposely caused by another student, in elementary schools in Finland and in the Waldorf School in Helsinki] Hultin H, et al. **Off Gesundheitswes** 1985 Feb;47(2):61–4 **(Ger)**

[Health education in St. Gall schools: experiences from a 6-year project] van der Linde F, et al. **Soz Praventivmed** 1985;30(3):135–9 (Eng. Abstr.) **(Ger)**

[Dust and the pathogen content of air in school classrooms] Völksch G, et al. **Z Gesamte Hyg** 1984 Sep;30(9):491–4 (Eng. Abstr.) **(Ger)**

[Formaldehyde pollution of room air in schools] Witthauer J. **Z Gesamte Hyg** 1984 Sep;30(9):495–8 (Eng. Abstr.) **(Ger)**

[Theoretical evaluation of the nutritive value of daily diets in boarding schools based on the results of laboratory analysis. IV. Group B vitamins] Nadolna I, et al. **Rocz Panstw Zakl Hig** 1984;35(2):107–12 (Eng. Abstr.) **(Pol)**

[School absenteeism of pupils in town elementary schools and community collective schools] Zdunkiewicz L, et al. **Rocz Panstw Zakl Hig** 1984;35(4):359–66 **(Pol)**

[Predicting the working dynamic stereotype of adolescents during training in an interschool educational-industrial combine] Zhizhin KS, et al. **Gig Sanit** 1985 Apr;(4):68–70 **(Rus)**

[3 water-borne epidemics of acute type A viral hepatitis in schools in Slavonia between 1981 and 1982] Ptiček D, et al. **Lijec Vjesn** 1985 Jan;107(1):14–7 (Eng. Abstr.) **(Scr)**

[Food and nutrition in 46 school centers in Pamplona in 1981–1982] de Pablo N, et al. **Rev Sanid Hig Publica (Madr)** 1984 Jul–Aug;58(7–8):739–51 (Eng. Abstr.) **(Spa)**

[Health education in the school environment. I. Absenteeism in 2 primary schools of the Federal District] Salas ME, et al. **Salud Publica Mex** 1984 Sep–Oct;26(5):426–37 (Eng. Abstr.) **(Spa)**

HISTORY

[Hospital organization in the early 18th century as reflected in a contemporary example. I. Hospital character in the Halle school complex 'of the orphanage'] Kaiser W, et al. **Z Gesamte Inn Med** 1985 Feb 1;40(3):73–80 (Eng. Abstr.) **(Ger)**

ORGANIZATION & ADMINISTRATION

[The National Sailing School, St-Pierre-Quiberon (South Britany): its role in sports medicine] Tacher J. **Union Med Can** 1984 Aug;113(8):627–31 (Eng. Abstr.) **(Fre)**

STANDARDS

A sanitary survey of schools in Surat District. Bhavsar BS, et al. **Indian J Med Sci** 1985 Mar;39(3):47–9

[Effect of a complex of industrial factors of low intensity and monotony on the bodies of students at a technical school] Kruglova II. **Gig Sanit** 1984 Jul;(7):25–8 (Eng. Abstr.) **(Rus)**

[Hygienic evaluation of school buildings with polymeric metallized sheeting in its window construction] Voronova BZ, et al. **Gig Sanit** 1984 Jul;(7):19–22 (Eng. Abstr.) **(Rus)**

SCHOOLS, DENTAL

Number of teeth and tooth loss of former dental school patients. Follow-up study after 10–17 years. Halse A, et al. **Acta Odontol Scand** 1985 Mar;43(1):25–9

Treatment philosophy in dental schools. Mulcahy DF. **Can Dent Assoc J** 1985 Apr;51(4):242

Dental Interpretation Center, Faculty of Dentistry, University of Alberta. Smith M. **Can Dent Assoc J** 1985 Jan;51(1):68–71

The private dental schools' dilemma. Hazen SP. **J Am Coll Dent** 1985 Spring;52(1):38–9

Dental manpower--the dental school's dilemma in a state institution. Reese E[illegible]. **J Am Coll Dent** 1985 Spring;52(1):35–7

Accredited dental schools. Commission on Dental Accreditation. **J Am Dent Assoc** 1985 Apr;110(4):550–1

Accredited dental schools. Commission on Dental Accreditation. **J Am Dent Assoc** 1984 Oct;109(4):621–3

Proceedings of the sixty-second American Association of Dental Schools annual session. **J Dent Educ** 1985 Jul;49(7):459–554

Practice management instruction in North American dental schools 1983–84. Abbott LJ, et al. **J Dent Educ** 1984 Dec;48(12):674–78

Medical emergency education in American dental schools. Clark MS, et al. **J Dent Educ** 1985 Mar;49(3):179–81

The 1985 conference on the NIDR-university partnership. Johnson S. **J Dent Educ** 1985 May;49(5):306–11

Intraoral x-ray film holders and infection control in U.S. dental schools. Jones GA. **J Dent Educ** 1985 Sep;49(9):656–7

Do faculties of dentistry belong in universities? Melcher AH. **J Dent Educ** 1984 Sep;48(9):492–5

Requirements for faculty scholarship in universities and dental schools: implications for promotion, tenure, and the dual-track system. Smith RJ. **J Dent Educ** 1984 Sep;48(9):500–5

The significance of the admission interview in predicting students' performance in dental school. Walker JD, et al. **J Med Educ** 1985 Jul;60(7):569–71

Complete denture curriculum survey of dental schools in the United States. Jaggers JH, et al. **J Prosthet Dent** 1985 May;53(5):736–9

[Role, problems and perspectives of anesthesiology at the Department of Oral Surgery] Fülöp E. **Fogorv Sz** 1984 Dec;77(12):377–8 **(Hun)**

[10-year activities in training dentists at the Dental Clinic of the Medical School of the University of Pécs] Szabó I. **Fogorv Sz** 1985 May;78(5):129–36 **(Hun)**

CLASSIFICATION

A classification of dental schools by effort reporting. Solomon ES. **J Dent Educ** 1985 Aug;49(8):616–7

HISTORY

Dental school surveys early accreditation at McGill (Dr. Arthur Walsh). Rogers MA. **Can Dent Assoc J** 1985 Jan;51(1):58

Medical education of New Jersey: the development of UMDNJ. Bergen SS Jr. **J Med Soc NJ** 1984 Sep;81(9):791–7

[25-year history and activities of the Department of Oral Surgery and Dentistry] Szabó G. **Fogorv Sz** 1984 Dec;77(12):353–5 **(Hun)**

[200th anniversary of the beginning of university lectures on stomatology] Dominik K. **Arch Hist Med (Warsz)** 1984;47(3):395–401 (Eng. Abstr.) **(Pol)**

ORGANIZATION & ADMINISTRATION

A survey of oral pathology biopsy services in Canadian dental schools. Priddy RW. **Can Dent Assoc J** 1984 Nov;50(11):829–32

Alternatives to traditional tenure. Kennedy JE. **J Dent Educ** 1984 Sep;48(9):506–8

A profile of organizational characteristics of colleges of dentistry. Nash DA. **J Dent Educ** 1985 Mar;49(3):140–4

SCHOOLS, HEALTH OCCUPATIONS

Schools of the allied health professions and the future: report of a Delphi study. Elder OC Jr. **J Allied Health** 1985 Feb;14(1):25–32

The establishment of a school of optometry in Puerto Rico. Afanador AJ. **J Am Optom Assoc** 1984 Sep;55(9):681–3

Attitudes of chiropractic patients: a preliminary survey of patients receiving care in a chiropractic teaching clinic. Sawyer CE, et al. **J Manipulative Physiol Ther** 1984 Sep;7(3):157–63

ORGANIZATION & ADMINISTRATION

An interview with Paul M. Seebohm. Higher priorities than AHEC. Seebohm PM. **Iowa Med** 1985 Apr;75(4):154–5, 178

The Queens Modified Area Health Education Center. Hurster M. **J Allied Health** 1984 Aug;13(3):191–6

Using a computer for school administration. Shillingford C. **Radiography** 1984 Nov–Dec;50(594):257–8

SCHOOLS, MEDICAL

University of Colorado School of Medicine otolaryngology training program. Jafek BW, et al. **Am J Otol** 1985 Mar; 6(2):187-9

The teaching of occupational health in United States medical schools: five-year follow-up of an initial survey. Levy BS. **Am J Public Health** 1985 Jan;75(1):79-80

Identification and immunization of medical students susceptible to measles and rubella: a nationwide survey. Murray DL, et al. **Am J Public Health** 1985 May; 75(5):556-7

Psychology in United States medical schools: 1983. Thompson RJ Jr, et al. **Am Psychol** 1984 Sep;39(9):988-95

Audit of admission to medical school: III--applicants' perceptions and proposals for change. McManus IC, et al. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1365-7

Admission to medical school [letter] McManus IC, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):319-20

Canadian departments of pediatrics and family medicine: in need of family therapy? Klein M. **Can Med Assoc J** 1985 Mar 15;132(6):629-33

Education in prevention, health promotion and aging in medical and nursing schools. Simson S, et al. **Gerontol Geriatr Educ** 1984 Fall;5(1):43-52

University commitment to the improvement of family health education and services. Rodriguez R. **Hygie** 1985 Jun; 4(2):18-22

Geriatric education: what the medical schools are doing now. Barry PP, et al. **J Am Geriatr Soc** 1985 Feb;33(2):133-5

Project Hope takes biocommunications to China. Harrison WT. **J Biocommun** 1985 May;12(2):26-8

Human in vitro fertilization and embryo transfer at the University of Texas, Houston. Quigley MM, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):29-33

Recruitment: for minority students by minority students. Thurmond VB, et al. **J Med Assoc Ga** 1984 Dec; 73(12):814-5

Association of American Medical Colleges. Annual meeting and annual report, 1984. **J Med Educ** 1985 Mar; 60(3):211-74

The legal aspects of medical school admissions and dismissals. Grieger CH, et al. **J Med Educ** 1985 Aug;60(8):596-601

Academic origins of medical school applicants and entrants, 1980-1982. Lewis GL. **J Med Educ** 1984 Oct;59(10):825-8

To rank or not to rank [letter] Pounds LA. **J Med Educ** 1985 Sep;60(9):735-6

Deferred matriculation in medical school. Skinner JF. **J Med Educ** 1985 Jul;60(7):560-1

Career choice of 'fifth pathway' graduates from New York state medical schools. Stimmel B, et al. **J Med Educ** 1985 Mar;60(3):159-66

Medical schools in the United States. **JAMA** 1985 Sep 27; 254(12):1622-39

Medical schools in Canada. **JAMA** 1985 Sep 27; 254(12):1645-50

Smoking draws fire at yet another medical facility [news] Check WA. **JAMA** 1984 Nov 23-30;252(20):2802

Selection and training of physicians at Mayo Medical School for the 21st century. Kiely JM. **Mayo Clin Proc** 1985 Sep; 60(9):633-5

Special admissions to a medical school [editorial] Biggs JS. **Med J Aust** 1985 Apr 1;142(7):384-5

Another UMKC milestone. Jonas HS. **Mo Med** 1984 Nov; 81(11):711, 720

Entry of black and other minority students into U.S. medical schools. Historical perspective and recent trends. Shea S, et al. **N Engl J Med** 1985 Oct 10;313(15):933-40

Admission to medical schools [letter] Ney PG. **NZ Med J** 1985 Aug 14;98(784):655

Trends in obstetric-gynecologic academic manpower--1983. Pearse WH, et al. **Obstet Gynecol** 1985 Jan;65(1):147-50

Where are we . . . and where do we go from here? An overview from the deans of Ohio's six allopathic medical schools. Edwards KS, et al. **Ohio State Med J** 1984 Sep; 80(9):651-60

Recent trends in the award of postgraduate medical degrees by the University of Aberdeen. Ogston D, et al. **Scott Med J** 1984 Apr;29(2):101-3

The UCLA School of Medicine. Bland CS. **West J Med** 1985 May;142(5):712-6

The University of Colorado School of Medicine. Schwarz MR. **West J Med** 1984 Sep;141(3):399-403

333 Cedar Street: an oral history. A chapter in the history of contemporary medicine. Viseltear AJ. **Yale J Biol Med** 1985 Jan-Feb;58(1):29-49

[The educational system at the University of Manchester Medical School in Great Britain] Vrbová H. **Cas Lek Cesk** 1984 Oct 19;123(42):1288-9 **(Cze)**

[Smoking habits among the teachers of a medical teaching institute] Ionescu C, et al. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct-Dec; 88(4):639-48 (Eng. Abstr.) **(Fre)**

[Address delivered by the Rector of the Pomeranian Medical Academy at the inauguration of the academic year 1983-84] Brzeziński T. **Ann Acad Med Stetin** 1984;30:199-208 **(Pol)**

[Teaching roentgenology in related departments of a medical institute] Novikov VP, et al. **Med Radiol (Mosk)** 1985 Feb; 30(2):49-52 (Eng. Abstr.) **(Rus)**

[Consultative-diagnostic services of medical school specialists] Miniaev VA, et al. **Sov Zdravookhr** 1984;(12):44-7 (Eng. Abstr.) **(Rus)**

[Department and Clinic of Hospital Surgery for Interns of the 1st Pavlov Leningrad Medical Institute. An interview with Academician of the Academy of Medical Sciences of the USSR F. G. Uglov (by E. I. Zaitsev)] Uglov FG. **Vestn Khir** 1984 Oct;133(10):142-9 **(Rus)**

[Training of medical school students in roentgenoradiology] Miroliubov NN, et al. **Vestn Rentgenol Radiol** 1985 May-Jun;(3):81-2 **(Rus)**

[Unresolved problems and outlook for improving the teaching of oncology in higher medical institutes] Shain AA. **Vopr Onkol** 1984;30(10):81-6 (Eng. Abstr.) **(Rus)**

[Visit to the National School of Public Health in Rennes and the Centers for Preventive Medicine and Social Hygiene in Nancy, France, 1983] Ananijević-Pandej J. **Srp Arh Celok Lek** 1984 Mar;112(3):395-402 **(Ser)**

[The role of support elements in medical education] Ferreira JR. **Educ Med Salud** 1984;18(4):402-18 (Eng. Abstr.) **(Spa)**

[Comparative study of the academic aptitude test and final graduate records of students of Chilean medical schools] Contreras R, et al. **Rev Med Chil** 1984 Oct;112(10):1033-43 (Eng. Abstr.) **(Spa)**

[Ethics and the Regional College of Santiago of the Medical College of Chile] Jarpa A. **Rev Med Chil** 1983 Jul; 111(7):755-8 **(Spa)**

[Medical schools and health care programs in Chile] Vial S. **Rev Med Chil** 1983 Jul;111(7):739-42 (Eng. Abstr.) **(Spa)**

ECONOMICS

US medical school finances. Jolly HP, et al. **JAMA** 1985 Sep 27;254(12):1573-81

The relation of faculty academic activity to financing sources in a department of medicine [letter] **N Engl J Med** 1985 Aug 29;313(9):584-6

Association of American Physicians. Presidential address. Relman AS. **Trans Assoc Am Physicians** 1984;97:lxxxiv-xci

HISTORY

Some of Carl Walter's contributions to Harvard Medical School and Hospitals. Barger AC. **Am J Surg** 1984 Nov; 148(5):578-80

One hundred forty-five years of surgery at the Medical College of Virginia. Greenfield LJ. **Am Surg** 1985 Sep; 51(9):487-93

The McGill University plastic surgery program. Williams HB. **Ann Plast Surg** 1984 Nov;13(5):362-5

Evolution of medical education in China. Cheng ZF. **Chin Med J [Engl]** 1984 Jun;97(6):435-42

History of the foundation of the Department of Histology and Embryology of the Faculty of Medicine, Comenius University, Bratislava. Kapeller K, et al. **Folia Morphol (Praha)** 1984;32(4):411-4

The Fiji School of Medicine--a brief history. Penington AH. **Hawaii Med J** 1984 Sep;43(9):314, 316, 318

Lincoln University Medical Department--a forgotten 19th century black medical school. Savitt TL. **J Hist Med Allied Sci** 1985 Jan;40(1):42-65

Medical education of New Jersey: the development of UMDNJ. Bergen SS Jr. **J Med Soc NJ** 1984 Sep; 81(9):791-7

Goodpasture's dilemma [letter] Merrill JM. **JAMA** 1985 Aug 16;254(7):911-2

The continuity of Titu Vasiliu's School of Pathology in Cluj-Napoca. Căluşer I. **Morphol Embryol (Bucur)** 1985 Apr-Jun;31(2):107-9

Physiology at Indiana University-Bloomington. A history. Elizondo RS, et al. **Physiologist** 1984 Oct;27(5):319-24

Physiology department, Medical University of South Carolina, Charleston, South Carolina. Horres AD. **Physiologist** 1984 Dec;27(6):385-9

Physiology Department, Creighton University School of Medicine, Omaha, Nebraska. Magee DF. **Physiologist** 1985 Jun;28(3):139-40

Physiology at Indiana University School of Medicine-Indianapolis. Selkurt EE. **Physiologist** 1984 Oct; 27(5):325-9

History of medicine. The Department of Dermatology, University of Cape Town, 1922-1962. Lang R. **S Afr Med J** 1985 Jun 29;67(26):1065-6

The medical school that spawned a university. Dunseath WJ. **South Med J** 1984 Dec;77(12):1567-71

Women in medical school [letter] Kampmeier RH. **South Med J** 1984 Sep;77(9):1217

Johns Hopkins: innovations in medical education. Turner TB. **South Med J** 1984 Dec;77(12):1572-4

Milton C. Winternitz and the Yale Institute of Human Relations: a brief chapter in the history of social medicine. Viseltear AJ. **Yale J Biol Med** 1984 Nov-Dec;57(6):869-89

[Filling the position of Chairman of the 1st Surgical Clinic of Prague University 1880-1881] Hlaváčková L. **Cas Lek Cesk** 1984 Dec 7;123(49):1514-7 **(Cze)**

[40 years of the III. Internal Medicine Clinic of the School of General Medicine at Charles University in Prague] Petrášek J. **Cas Lek Cesk** 1985 May 24;124(21):661-2 **(Cze)**

[20 years of the Department of Internal Medicine, Stomatology Division] Válek A. **Cas Lek Cesk** 1984 Dec 21;123(51):1573-4 **(Cze)**

[The teaching activity of the Psychiatry Department of the Institute for Postgraduate Medical Education] Dušek K. **Cesk Psychiatr** 1985 Jun;81(3):151-5 (Eng. Abstr.) **(Cze)**

[30 years of the Academy of Medical Education of East Germany] Ehmann G, et al. **Z Arztl Fortbild (Jena)** 1984; 78(23):969-71 **(Ger)**

[Development of an independent department and institute for physiologic chemistry at the University of Leipzig] Lorenz I. **Z Gesamte Inn Med** 1984 Dec 1;39(23):585-90 (Eng. Abstr.) **(Ger)**

[Museum of the History of the Lublin Medical Academy] Kowieski L. **Arch Hist Med (Warsz)** 1985;48(1):123-6 (Eng. Abstr.) **(Pol)**

[Museum pieces of the Pharmacy Department of the Łódź Medical Academy and their role in exhibits, didactics and research works] Pankiewicz H. **Arch Hist Med (Warsz)** 1985;48(1):31-40 (Eng. Abstr.) **(Pol)**

[Contact with South American ophthalmology] Stankiewicz A. **Klin Oczna** 1984 Jul;86(7):323-4 **(Pol)**

[Training of physicians in Warsaw 1807-1830] Wieckowska E. **Wiad Lek** 1984 Nov 1;37(21):1735-9 **(Pol)**

[A system of advanced training in obstetrics and gynecology: history of its development, current state and perspectives (on the 100th anniversary of the Leningrad Institute for the Advanced Training of Physicians] Davydov SN. **Akush Ginekol (Mosk)** 1985 May;(5):12-4 **(Rus)**

[Colleagues of the Department of Obstetrics and Gynecology of the Minsk Order of the Red Banner Medical Institute--participants in World War II] Gerasimovich GI, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):7-9 **(Rus)**

[50th anniversary of the Department of Human Anatomy of the Vitebsk Medical Institute] Ibragimova ZI, et al. **Arkh Anat Gistol Embriol** 1984 Jul;87(7):95-6 **(Rus)**

[125th anniversary of the Department of Pathological Anatomy of the S. M. Kirov Military Medical Academy] Ageev AK. **Arkh Patol** 1985;47(1):82-6 **(Rus)**

[Centenary of the world's 1st chair for the postgraduate training of pathologicoanatomists (1885-1985)] Simbirtsev SA, et al. **Arkh Patol** 1984;46(12):3-12 (Eng. Abstr.) **(Rus)**

[The creation of the Chair of Hygiene at Moscow University (on the century of the Chair)] Rumiantsev GI, et al. **Gig Sanit** 1984 Aug;(8):41-4 **(Rus)**

[50th anniversary of the Chair of Pediatrics and Adolescent Medicine of the Order of Lenin central Institute of Graduate Training of Physicians] Sukharev AG, et al. **Gig Sanit** 1984 Aug;(8):38-40 **(Rus)**

[The first surgical school in Bulgaria] Apostolov MA. **Klin Med (Mosk)** 1984 Oct;62(10):149-51 **(Rus)**

[Growth of the Department of Internal Diseases at the S. M. Kirov Leningrad Institute for the Advanced Training of Physicians (on the 100th anniversary of the institute)] Krylov AA. **Klin Med (Mosk)** 1985 Mar;63(3):141-6 **(Rus)**

[50th anniversary of the organization of the Department of Traumatology, Orthopedics and Military Field-Surgery of the M. Gor'kii Donetsk Medical Institute] Levitskiĭ FA, et al. **Ortop Travmatol Protez** 1985 Jan;(1):69-70 **(Rus)**

[50th anniversary of the Chair of Traumatology and Orthopedics of the Novokuznetsk Institute of Advanced Training of Physicians] Vitiugov IA. **Ortop Travmatol Protez** 1985 Jun;(6):63-4 **(Rus)**

[P.N. Sharoĭ, director of the Elisavetgrad medical and surgical school] Borodiĭ NK. **Sov Zdravookhr** 1985;(4):62-4 **(Rus)**

[History of the Lvov Medical Institute (1784-1944) (on the 200th anniversary of the Institute)] Pavlovskiĭ MP, et al. **Sov Zdravookhr** 1985;(1):56-9 **(Rus)**

[Main results of the activities of the Kirov Leningrad Institute for Advanced Training of Physicians (on the centenary of its founding)] Simbirtsev SA. **Sov Zdravookhr** 1985; (4):43-8 **(Rus)**

[100th anniversary of the S. M. Kirov Leningrad State Order of Lenin Institute for the Advanced Training of Physicians and the 60th anniversary of the Department of Forensic Medicine] Mazurenko MD, et al. **Sud Med Ekspert** 1984 Oct-Dec;27(4):57-9 (Eng. Abstr.) **(Rus)**

[On the centenary of the Chair of Dermatovenereology of the Bogomolets Kiev Medical Institute] Koliadenko VG, et al. **Vestn Dermatol Venerol** 1984 Sep;(9):72-6 **(Rus)**

[Leninist Bolsheviks--alumni of the Military Medical Academy] Leonov IT. **Voen Med Zh** 1984 Oct;(10):62-5 **(Rus)**

[Kiev Medical Institute during World War II] Bolgov IuA, et al. **Vrach Delo** 1985 Mar;(3):1-5 **(Rus)**

[100th anniversary of the founding of the Department of Propedeutics in Internal Diseases of the Medical Faculty of the Kharkov Medical Institute] Chernenko VD, et al. **Vrach Delo** 1984 Aug;(8):119-21 **(Rus)**

[50th anniversary of the Department of Neuropathology and Neurosurgery of Vitebsk Medical School] Burlutskiĭ AP, et al. **Zh Nevropatol Psikhiatr** 1985;85(4):600-1 **(Rus)**

[100th anniversary of the Department of Nervous Diseases of Khar'kov Medical Institute] Dubenko EG, et al. **Zh Nevropatol Psikhiatr** 1985;85(1):134 **(Rus)**

[60 years' activity and the founding of the Internal Medicine Clinic A at the Medical School of the University of Belgrade] Djurić DS. **Srp Arh Celok Lek** 1983 Sep-Oct; 111(9-10):1237-78 **(Ser)**

[The Neurology Clinic and Institute of Neuropathology at the University of Zagreb Medical School] Barac B. **Neurologija** 1984;33(3-4):113-34 (Eng. Abstr.) **(Ser)**

[The history of ophthalmology in Bratislava. Professor

Kadlický and the beginnings of the Ophthalmology Clinic at Comenius University Medical School in Bratislava] Tichý M, et al. **Cesk Oftalmol** 1985 May;41(3):204–7 (Eng. Abstr.) **(Slo)**

ORGANIZATION & ADMINISTRATION

The fate of a Western-style medical school in Iran. Ronaghy HA, et al. **Ann Intern Med** 1985 Aug;103(2):299–301

Organization of the department of surgery to facilitate undergraduate education. Provan JL. **Can J Surg** 1985 Jul; 28(4):349–51

Organisation of effective communication for better health in India: a case for departments of health education in medical schools. **Trop Gastroenterol** 1984 Jul–Sep; 5(3):158–64

[Medical school reform] **Minerva Med** 1984 Dec 22; 75(49–50):2869–962 **(Ita)**

[Improving the health status of medical students] Karkishchenko NN, et al. **Sov Zdravookhr** 1984;(11):48–50 (Eng. Abstr.) **(Rus)**

[Teaching forensic medicine at the S.M. Kirov Military Medical Academy (organization of the educational base)] Popov VL. **Sud Med Ekspert** 1984 Jul–Sep;27(3):53–4 **(Rus)**

[Work of the socially active organizations of a medical institute in the military and patriotic education of students] Riabov GA, et al. **Voen Med Zh** 1984 Oct;(10):20–2 **(Rus)**

STANDARDS

Audit of admission to medical school: I--Acceptances and rejects. McManus IC, et al. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1201–4

Audit of admission to medical school: II--Shortlisting and interviews. McManus IC, et al. **Br Med J [Clin Res]** 1984 Nov 10;289(6454):1288–90

More on the grooves of academe [letter] **Can Med Assoc J** 1985 Aug 15;133(4):265

Trouble in academe. Macklem PT. **Clin Invest Med** 1985; 8(1):85–8

Impact of medical school class ranking systems on applicants' ratings for residency positions. Gutman LT, et al. **J Med Educ** 1985 Sep;60(9):684–91

Faculty perceptions of current clinical evaluation systems. Tonesk X, et al. **J Med Educ** 1985 Jul;60(7):573–6

Issues in the evaluation of rheumatology education in medical schools [editorial] Meenan RF, et al. **J Rheumatol** 1985 Apr;12(2):199–200

How we subsidize 'offshore' medical schools. Swanson AG. **N Engl J Med** 1985 Oct 3;313(14):886–8

[Accreditation of postgraduate education at the University of Chile School of Medicine (letter)] Adriazola G, et al. **Rev Med Chil** 1984 Jul;112(7):713–5 **(Spa)**

TRENDS

The fables and foibles of academe. Petersdorf RG. **Am J Otolaryngol** 1985 Mar–Apr;6(2):59–65

Trends in the study of medicine in Canada. Ryten E. **Can Med Assoc J** 1985 Sep 15;133(6):589–90

Minorities and New York medical schools. Past failures and the prospect for future successes. Watts RK, et al. **NY State J Med** 1985 Apr;85(4):148–50

SCHOOLS, NURSERY

Risk factors for primary invasive Haemophilus influenzae disease: increased risk from day care attendance and school-aged household members. Istre GR, et al. **J Pediatr** 1985 Feb;106(2):190–5

Contagiousness of zoster in a day care setting. Riegle L, et al. **Pediatr Infect Dis** 1985 Jul–Aug;4(4):413

[Absenteeism among 6-year-old children attending preschool classes in cities and rural communities] Zdunkiewicz L, et al. **Rocz Panstw Zakl Hig** 1984;35(5):459–65 (Eng. Abstr.) **(Pol)**

[Organization of sanitation in day nurseries for children who are often sick] Baranov AA, et al. **Pediatriia** 1984 Nov; (11):38–41 **(Rus)**

SCHOOLS, NURSING

Education in prevention, health promotion and aging in medical and nursing schools. Simson S, et al. **Gerontol Geriatr Educ** 1984 Fall;5(1):43–52

Atriums highlight nursing complex design. **Hospitals** 1984 Nov 16;58(22):86

Nursing education: the move from hospital schools of nursing--an historical perspective. Wood V. **Int J Nurs Stud** 1984;21(3):183–92

A case study of the educational future of the nursing section of the Institute of Medical and Health Care, Hong Kong Polytechnic. Keyzer DM, et al. **J Adv Nurs** 1985 May; 10(3):251–60

Creating colleges of nursing and midwifery in Scotland. Thompson B. **J Adv Nurs** 1985 Jan;10(1):85–7

Application of computer technology in two colleges of nursing. Felton G, et al. **J Nurs Educ** 1985 Jan;24(1):5–9

The Rutgers experience: one perspective on service-education collaboration. Joel L. **Nurs Outlook** 1985 Sep–Oct;33(5):220–4

ORGANIZATION & ADMINISTRATION

Unifying education and service. What's the point?[editorial] Kerfoot KM, et al. **J Nurs Adm** 1984 Nov;14(11):8

Locus of decision making in schools of nursing. Wakefield-Fisher M. **J Nurs Educ** 1985 Feb;24(2):82–4

Clarifying tenure requirements. Freeman LH, et al. **Nurs Outlook** 1985 Jan–Feb;33(1):43–5

STANDARDS

Academic inbreeding in nursing: intentional or inevitable? Kornguth ML, et al. **J Nurs Educ** 1985 Jan;24(1):21–4

TRENDS

Coping with shrinking resources. Crosby L. **Nurs Outlook** 1985 Jul–Aug;33(4):175–6, 180

SCHOOLS, PHARMACY

[International views on education and perspectives for its development at the Charles University Pharmacy School] Semrádová I, et al. **Cesk Farm** 1984 Dec;33(10):409–11 **(Cze)**

HISTORY

[15 years of the Charles University Pharmacy School in Hradec Králové] Kostka V. **Cesk Farm** 1985 Feb;34(1):1–2 **(Cze)**

ORGANIZATION & ADMINISTRATION

College of pharmacy-teaching hospital relationships: panel discussion. **Am J Hosp Pharm** 1985 Apr;42(4):810–6

College of pharmacy-teaching hospital relationships: report of a survey. Schwartz MA, et al. **Am J Hosp Pharm** 1985 Apr;42(4):803–10

College of pharmacy-teaching hospital relationships: building strength. Williams RB. **Am J Hosp Pharm** 1985 Apr; 42(4):816–8

SCHOOLS, PUBLIC HEALTH

Collaborative studies program on maternal and child health in New York State, 1981–83. Barber-Madden R, et al. **Public Health Rep** 1985 Jul–Aug;100(4):432–9

[The role of the School of Public Health in the education of health personnel] Yunes J, et al. **Rev Saude Publica** 1984 Dec;18 Spec No:61–6 **(Por)**

[A change of attitude among health personnel: a function of the schools of public health] Mejía A. **Educ Med Salud** 1984;18(4):371–92 (Eng. Abstr.) **(Spa)**

HISTORY

[Historical memoirs of the School of Public Health of the University of São Paulo--1918–1945] Candeias NM. **Rev Saude Publica** 1984 Dec;18 Spec No:2–60 **(Por)**

[The Tobolsk feldshers' school and its role in the creation of revolutionaries] Viduta VK. **Sov Zdravookhr** 1984; (8):57–9 **(Rus)**

ORGANIZATION & ADMINISTRATION

[A contemporary model of environmental health sciences: its application in the recruitment of faculty and in academic development] Guidotti TL, et al. **Educ Med Salud** 1985; 19(2):173–86 (Eng. Abstr.) **(Spa)**

SUPPLY & DISTRIBUTION

More schools of public health: a worldwide need. Roemer MI. **Int J Health Serv** 1984;14(3):491–503

SCHUELLER-CHRISTIAN DISEASE see **HAND-SCHUELLER-CHRISTIAN SYNDROME**

SCHWALBE'S NUCLEUS see **VESTIBULAR NUCLEI**

SCHWANN CELLS

ANALYSIS

Schwann cells cultured from adult rats contain a cytoskeletal protein related to astrocyte filaments. Fields KL, et al. **Brain Res** 1985 Jun;352(2):259–69

Characterization of a plasma membrane protein present in non-myelin-forming PNS and CNS glia, a subpopulation of PNS neurons, perineurial cells and smooth muscle in adult rats. Mirsky R, et al. **Cell Tissue Res** 1985; 240(3):723–33

A cell surface protein of astrocytes, Ran-2, distinguishes non-myelin-forming Schwann cells from myelin-forming Schwann cells. Mirsky R, et al. **Dev Neurosci** 1983–84; 6(6):304–16

A subset of Schwann cells in peripheral nerves contain a 50-kDa protein antigenically related to astrocyte intermediate filaments. Fields KL, et al. **J Neuroimmunol** 1985 Jun;8(4–6):311–30

CYTOLOGY

Experimental lead neuropathy: inorganic lead inhibits proliferation but not differentiation of Schwann cells. Sobue G, et al. **Ann Neurol** 1985 May;17(5):462–8

Schwann cells fail to differentiate when co-cultured in contact with PC12 neurites. Cochran M. **Brain Res** 1985 Mar;351(1):89–100

Evidence of Schwann cell degeneration in the aging mouse motor end-plate region. Ludatscher RM, et al. **Exp Gerontol** 1985;20(2):81–91

A neuronal cell surface heparan sulfate proteoglycan is required for dorsal root ganglion neuron stimulation of Schwann cell proliferation. Ratner N, et al. **J Cell Biol** 1985 Sep;101(3):744–54

Differential proliferative responses of cultured Schwann cells to axolemma- and myelin-enriched fractions. I. Biochemical studies. Yoshino JE, et al. **J Cell Biol 1984** Dec;99(6):2309–13

Adhesion of axolemmal fragments to Schwann cells: a signal- and target-specific process closely linked to axolemmal induction of Schwann cell mitosis. Sobue G, et al. **J Neurosci** 1985 Feb;5(2):379–87

DRUG EFFECTS

Taxol-induced neuropathy: short-term effects of local injection. Röyttä M, et al. **J Neurocytol** 1984 Oct; 13(5):685–701

Products of activated lymphocytes stimulate Schwann cell mitosis in vitro. Lisak RP, et al. **Neurosci Lett** 1985 Jun 12;57(2):105–11

ENZYMOLOGY

Localization of 2',3'-cyclic nucleotide 3'-phosphodiesterase on cultured Schwann cells. Yoshino JE, et al. **Brain Res** 1985 Jan 28;325(1–2):199–203

Biochemical studies on 5'-nucleotidase of Schwann cells in degenerated nerve. Ross SM, et al. **J Neurochem** 1985 Jul; 45(1):324–7

Schwann cell proliferation and localized proteolysis: expression of plasminogen-activator activity predominates in the proliferating cell populations. Kalderon N. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7216–20

METABOLISM

The localization of laminin and fibronectin on the Schwann cell basal lamina. Tohyama K, et al. **Arch Histol Jpn** 1984 Nov;47(5):519–32

Galactocerebroside is expressed by non-myelin-forming Schwann cells in situ. Jessen KR, et al. **J Cell Biol** 1985 Sep;101(3):1135–43

Synthesis by Schwann cells of basal lamina and membrane-associated heparan sulfate proteoglycans. Mehta H, et al. **J Cell Biol** 1985 Aug;101(2):660–6

Posttranslational protein modification: biosynthetic control mechanisms in the glycosylation of the major myelin glycoprotein by Schwann cells. Poduslo JF. **J Neurochem** 1985 Apr;44(4):1194–206

Nonmyelin-forming Schwann cells coexpress surface proteins and intermediate filaments not found in myelin-forming cells: a study of Ran-2, A5E3 antigen and glial fibrillary acidic protein. Jessen KR, et al. **J Neurocytol** 1984 Dec;13(6):923–34

The localization of lectin-binding sites on Schwann cell basal lamina. Tohyama K. **J Neurocytol** 1985 Feb;14(1):49–61

Immunohistochemical localization of endogenous nerve growth factor. Rush RA. **Nature** 1984 Nov 22–28; 312(5992):364–7

Production of plasminogen activator in cultures of superior cervical ganglia and isolated Schwann cells. Alvarez-Buylla A, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3519–23

Differentiation-specific regulation of Schwann cell expression of the major myelin glycoprotein. Poduslo JF, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5987–91

A calcium-activated cation-selective channel in rat cultured Schwann cells. Bevan S, et al. **Proc R Soc Lond [Biol]** 1984 Sep 22;222(1228):349–55

MICROBIOLOGY

Intracellular multiplication of leprosy-derived mycobacteria in Schwann cells of dorsal root ganglion cultures. Mukherjee R, et al. **J Clin Microbiol** 1985 May;21(5):808–14

PATHOLOGY

Spinal cord multiple sclerosis lesions in Japanese patients: Schwann cell remyelination occurs in areas that lack glial fibrillary acidic protein (GFAP). Itoyama Y, et al. **Acta Neuropathol (Berl)** 1985;65(3–4):217–23

Tissue culture studies of neurofibromatosis: effects of axolemmal fragments and cyclic adenosine 3',5'-monophosphate analogues on proliferation of Schwann-like and fibroblast-like neurofibroma cells. Sobue G, et al. **Ann Neurol** 1985 Jul;18(1):68–73

Normal basal laminas are realized on dystrophic Schwann cells in dystrophic in equilibrium shiverer chimera nerves. Peterson AC, et al. **J Cell Biol** 1984 Nov;99(5):1831–7

Schwann cell and oligodendrocyte remyelination in lysolecithin-induced lesions in irradiated rat spinal cord. Harrison B. **J Neurol Sci** 1985 Feb;67(2):143–59

Neuronal, Schwannian and melanocytic differentiation of human neuroblastoma cells in vitro. Tsokos M, et al. **Prog Clin Biol Res** 1985;175:55–68

PHYSIOLOGY

PC12 neurite regeneration and long-term maintenance in the absence of exogenous nerve growth factor in response to contact with Schwann cells. Cochran M, et al. **Brain Res** 1985 Jan;349(1-2):105-16

Regulation of myelination: Schwann cell transition from a myelin-maintaining state to a quiescent state after permanent nerve transection. Poduslo JF, et al. **J Neurochem** 1985 Feb;44(2):388-400

The role of cyclic nucleotides in modulation of the membrane potential of the Schwann cell of squid giant nerve fibre. Evans PD, et al. **J Physiol (Lond)** 1985 Jun;363:151-67

Pattern of Schwann cell remyelination in a spinal cord lesion. Harrison BM, et al. **Neurosci Lett** 1984 Dec 21;52(3):275-80

Voltage-dependent sodium and potassium channels in mammalian cultured Schwann cells. Shrager P, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):948-52

TRANSPLANTATION

Transplants of Schwann cell cultures promote axonal regeneration in the adult mammalian brain. Kromer LF, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6330-4

ULTRASTRUCTURE

The morphology of lipopigment granules in oligodendrocytes of the cerebellum and spinal cord and in Schwann cells of the N. ischiadicus of the cat, Japanese waltzing mouse, and albino mouse. Lange W, et al. **Acta Neuropathol (Berl)** 1985;65(3-4):330-4

Scanning electron microscope studies on the Schwann cells in rat motor endplates with special reference to their finger-like projections. Ogata T, et al. **Arch Histol Jpn** 1984 Nov;47(5):533-9

The transitional node of Ranvier at the junction of the central and peripheral nervous systems: an ultrastructural study of its development and mature form. Fraher JP, et al. **J Anat** 1984 Sep;139 (Pt 2):215-38

Preferential outgrowth of central nervous system neurites on astrocytes and Schwann cells as compared with nonglial cells in vitro. Fallon JR. **J Cell Biol** 1985 Jan;100(1):198-207

Distribution of particle aggregates in the internodal axolemma and adaxonal Schwann cell membrane of rodent peripheral nerve. Stolinski C, et al. **J Neurol Sci** 1985 Feb;67(2):213-22

Peripheral nerves in shiverer-----dystrophic mouse chimeras: evidence that a non-Schwann cell component is required for axon ensheathment in vivo. Peterson AC. **J Neurosci** 1985 Jul;5(7):1740-54

The effects of multiple sequential episodes of demyelination in the sciatic nerve of the mouse. Hall SM. **Neuropathol Appl Neurobiol** 1984 Nov-Dec;10(6):461-78

SCHWARTZ-BARTTER SYNDROME see
INAPPROPRIATE ADH SYNDROME

SCHWARTZ-JAMPEL SYNDROME see
OSTEOCHONDRODYSPLASIAS

SCIATIC NERVE

Sciatic nerve block: a new lateral approach. Guardini R, et al. **Acta Anaesthesiol Scand** 1985 Jul;29(5):515-9

Sciatic nerve block for children. Sciatic nerve block by the anterior approach for postoperative pain relief. McNicol LR. **Anaesthesia** 1985 May;40(5):410-4

Sciatic neuropathy secondary to migration of trochanteric wire following total hip arthroplasty. Asnis SE, et al. **Clin Orthop** 1985 Jun;(196):226-8

Prevention of sciatic nerve entrapment in trochanteric wiring following total hip arthroplasty. Gudmundsson GH, et al. **Clin Orthop** 1985 Jun;(196):215-6

Neurotoxicity of Adriamycin and misonidazole in the mouse. Boegman RJ, et al. **Exp Neurol** 1985 Jan;87(1):1-8

Comparison of the effects of sciatic nerve crush or resection on the proteins of fast axonal transport in rat dorsal root ganglion cell axons. Redshaw JD, et al. **Exp Neurol** 1985 May;88(2):437-46

Ultrasound evaluation of benign sciatic nerve sheath tumors. Hoddick WK, et al. **J Ultrasound Med** 1984 Nov;3(11):505-7

[Blocking of the sciatic nerve in the popliteal fossa area] Hakimzadeh A, et al. **Z Orthop** 1985 Jan-Feb;123(1):102-3 (Eng. Abstr.) **(Ger)**

[A neurinoma localized first in the popliteal sciatic nerve and later in the median nerve] Venturi R, et al. **Chir Organi Mov** 1982-83;68(4-6):797-810 (Eng. Abstr.) **(Ita)**

[Superior facet syndrome--findings on metrizamide CT myelography] Kubo Y, et al. **No Shinkei Geka** 1985 Feb;13(2):145-50 (Eng. Abstr.) **(Jpn)**

[A case of sciatic nerve palsy as a complication of gluteal artery embolization with ethanol] Uchiyama N, et al. **Rinsho Hoshasen** 1984 Sep;29(9):997-9 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Substance P in subdivisions of the sciatic nerve, and in red and white skeletal muscles. Gundersen K, et al. **Brain Res** 1985 Mar 11;329(1-2):97-103

Partial purification from mammalian peripheral nerve of a trophic factor that ameliorates atrophy of denervated muscle. Davis HL, et al. **Exp Neurol** 1985 Jul;89(1):159-71

Subcellular fractionation of rat sciatic nerve and specific localization of ganglioside LM1 in rat nerve myelin. Chou KH, et al. **J Neurochem** 1985 Jun;44(6):1898-912

ANATOMY & HISTOLOGY

A new approach toward analyzing peripheral nerve fiber populations. II. Foreshortening of regenerated internodes corresponds to reduced sheath thickness. Beuche W, et al. **J Neuropathol Exp Neurol** 1985 Jan;44(1):73-84

The segmental and regional projections of the sciatic, tibial and common peroneal nerves to the substantia gelatinosa of the spinal cord in rats--an experimental study by means of an acid phosphatase (ACP) method. Qui SH, et al. **Okajimas Folia Anat Jpn** 1984 Oct;61(4):245-51

BLOOD SUPPLY

Sciatic nerve blood flow measured by laser Doppler flowmetry and [14C]iodoantipyrine. Rundquist I, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):H311-7

Adrenergic vasoconstriction in peripheral nerves of the rabbit. Selander D, et al. **Anesthesiology** 1985 Jan;62(1):6-10

Regional perfusion in normal and ischemic rat sciatic nerves. Sladky JT, et al. **Ann Neurol** 1985 Feb;17(2):191-5

A descriptive study of the blood vessels of the sciatic nerve in the rat, man and other mammals. Bell MA, et al. **Brain** 1984 Sep;107 (Pt 3):871-98

Endoneurial blood flow and oxygen tension in the sciatic nerves of rats with experimental diabetic neuropathy. Tuck RR, et al. **Brain** 1984 Sep;107 (Pt 3):935-50

Spatial distribution of capillaries in rat nerves: correlation to ischemic damage. Nukada H, et al. **Exp Neurol** 1985 Feb;87(2):369-76

Morphology of endoneurial blood vessels of frog sciatic nerve during vascular perfusion. Michel ME, et al. **Microvasc Res** 1984 Sep;28(2):220-32

Aneurysm of persistent sciatic artery: report of a case treated by endovascular occlusion and femoropopliteal bypass. Becquemin JP, et al. **Surgery** 1985 Sep;98(3):605-11

CYTOLOGY

Differential proliferative responses of cultured Schwann cells to axolemma- and myelin-enriched fractions. I. Biochemical studies. Yoshino JE, et al. **J Cell Biol** 1984 Dec;99(6):2309-13

A monoclonal antibody detecting neural and neuroendocrine differentiation. Sappino AP, et al. **J Histochem Cytochem** 1984 Oct;32(10):1041-7

Retrograde axonal transport of gangliosides and glycoproteins in the motoneurons of rat sciatic nerve. Aquino DA, et al. **J Neurochem** 1985 Oct;45(4):1262-7

DRUG EFFECTS

Peripheral nerve phospholipids in acrylamide neuropathy. Howland RD, et al. **Arch Toxicol** 1984 Sep;55(3):178-81

Enhancement of tetrodotoxin-induced axonal blockade by adenosine, adenosine analogues, dibutyryl cyclic AMP and methylxanthines in the frog sciatic nerve. Ribeiro JA, et al. **Br J Pharmacol** 1984 Oct;83(2):485-92

Evaluation of the neurotoxicity of dapsone in the mouse model. Kamala AN, et al. **Ind J Lepr** 1984 Apr-Jun;56(2):251-6

The effect of 'non-tai-yak' (Stemona curtisii) on the action potential of isolated frog sciatic nerve. A preliminary report. Prucksunand C, et al. **J Med Assoc Thai** 1985 Feb;68(2):66-71

The depolarising action of capsaicin on rat isolated sciatic nerve. Hayes AG, et al. **Life Sci** 1984 Oct 8;35(15):1561-8

[Nerve anastomoses. Sutures or fibrinogenic glue? Preliminary results] Boedts D, et al. **Acta Otorhinolaryngol Belg** 1984;38(2):107-12 (Eng. Abstr.) **(Fre)**

[Changes in the synaptic activity in sciatic nerve-extensor digitorum longus (preparations induced by ethanol)] Bruno C, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1779-84 (Eng. Abstr.) **(Ita)**

ENZYMOLOGY

Is protease activity involved in fast axonal transport? Edström A, et al. **Acta Physiol Scand** 1984 Aug;121(4):379-84

Ca2+-activated protease activity in frog sciatic nerve: characterization and effect on rapidly transported axonal proteins. Kanje M, et al. **Brain Res** 1985 Feb 18;327(1-2):29-36

Histochemical localization of gamma glutamyl transpeptidase in the paranodal region of peripheral nerve. Mrsulja BJ, et al. **J Histochem Cytochem** 1984 Dec;32(12):1303-8

Axoplasmic transport and turnaround of neurotoxic esterase in hen sciatic nerve. Carrington CD, et al. **J Neurochem** 1985 Feb;44(2):616-21

INJURIES

Peripheral nerve changes following epineurial injection of saline and blood in rat sciatic nerve. Rayan GM, et al. **Clin Orthop** 1985 Mar;(193):299-307

Retrograde and transganglionic degeneration of sensory neurons after a peripheral nerve lesion at birth. Bondok AA, et al. **Exp Neurol** 1984 Nov;86(2):322-30

Quantitative ultrastructural stereology of synapses in nucleus dorsalis after a peripheral nerve injury at birth. Bondok AA, et al. **Exp Neurol** 1984 Nov;86(2):331-41

Cell body responses to axonal injury: traumatic axotomy versus toxic neuropathy. Sterman AB, et al. **Exp Neurol** 1985 Aug;89(2):408-19

Sciatic neuropathy. Ahuja B, et al. **Indian Pediatr** 1984 Oct;21(10):797-801

Foot deformities secondary to gluteal injection in infancy. Bigos SJ, et al. **J Pediatr Orthop** 1984 Sep;4(5):560-3

Neuropathologic changes following direct-current stimulation of the rat sciatic nerve. Chase SG, et al. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):615-7

[Morphological studies of gunshot wounds of the peripheral nerves in rabbits] Kasprzak H. **Neurol Neurochir Pol** 1984 Nov-Dec;18(6):567-74 (Eng. Abstr.) **(Pol)**

[Microsurgery in partial injuries of peripheral nerves] Goven'ko FS. **Ortop Travmatol Protez** 1985 May;(5):12-6 (Eng. Abstr.) **(Rus)**

METABOLISM

Axonal transport of alpha-bungarotoxin binding sites in rat sciatic nerve. Millington WR, et al. **Brain Res** 1985 Aug 12;340(2):269-76

Effects of growth hormone and triiodothyronine administration of the localization of 14C-D-glucose on regenerating sciatic nerve in rabbits. Kontoleon-Vakalopoulou E, et al. **J Endocrinol Invest** 1985 Apr;8(2):121-5

Structural determinants of the affinity of saxitoxin for neuronal sodium channels. Electrophysiological studies on frog peripheral nerve. Strichartz G. **J Gen Physiol** 1984 Aug;84(2):281-305

Decreased incorporation of [3H]inositol and [3H]glycerol into glycerolipids of sciatic nerve from the streptozotocin diabetic rat. Bell ME, et al. **J Neurochem** 1985 Aug;45(2):465-9

Inhibition of fast axonal transport by erythro-9-[3-(2-hydroxynonyl)]adenine. Ekström P, et al. **J Neurochem** 1984 Nov;43(5):1342-5

Developmental expression of the myelin-associated glycoprotein in the peripheral nervous system is different from that in the central nervous system. Frail DE, et al. **J Neurochem** 1985 Oct;45(4):1308-10

Slow orthograde axonal transport of radiolabelled protein in sciatic motoneurones of rats with short-term experimental diabetes: effects of treatment with an aldose reductase inhibitor or myo-inositol. Mayer JH, et al. **J Neurochem** 1984 Nov;43(5):1265-70

An immunoblot study of neurofilament degradation in situ and during calcium-activated proteolysis. Schlaepfer WW, et al. **J Neurochem** 1985 Feb;44(2):502-9

Two populations of axonally transported tubulin differentiated by their interactions with neurofilaments. Tashiro T, et al. **J Neurochem** 1984 Nov;43(5):1220-5

Metabolic turnover of fatty acids and acylglycerols in rat sciatic nerve. Yao JK. **J Neurochem** 1985 Aug;45(2):589-95

Retrograde axonal transport of endogenous phospholipids in rat sciatic nerve. Armstrong R, et al. **J Neurosci** 1985 Apr;5(4):965-9

Acrylamide neuropathy in the rat: effects on energy metabolism in sciatic nerve. Brimijoin WS, et al. **Mayo Clin Proc** 1985 Jan;60(1):3-8

Axonal transport and nerve conduction and their relation to nerve polyol and myo-inositol levels in spontaneously diabetic BB/D rats. Mayer JH, et al. **Neurochem Pathol** 1984-85 Winter;2(4):285-93

Immunoblot identification of glial fibrillary acidic protein in rat sciatic nerve, brain, and spinal cord during development. Noetzel MJ, et al. **Neurochem Res** 1985 Jun;10(6):737-53

PATHOLOGY

Peripheral nervous tissue injury induced by galactocerebroside and galactocerebroside immune complexes. Tsukada N, et al. **Acta Neuropathol (Berl)** 1985;66(4):274-82

Neurofilament breakdown products in degenerating rat and human peripheral nerves. Trojanowski JQ, et al. **Ann Neurol** 1984 Sep;16(3):349-55

Malignant epithelioid schwannoma arising in a benign schwannoma. A case report. Yousem SA, et al. **Cancer** 1985 Jun 15;55(12):2799-803

Study of the involvement of the sciatic nerve following inoculation with M. leprae and other mycobacteria in the mouse foot pad. Kamala AN, et al. **Int J Lepr Other Mycobact Dis** 1984 Dec;52(4):506-14

Differential vulnerability of mixed and cutaneous nerves in lead neuropathy. Bouldin TW, et al. **J Neuropathol Exp Neurol** 1985 Jul;44(4):384-96

PHYSIOLOGY

Changes in blood level of catecholamines during arterial blood pressure rise induced with sciatic nerve stimulation. Całkosiński I, et al. **Acta Physiol Pol** 1984 Jan-Feb;35(1):47-51

Autoradiographic changes of 3H-alpha-bungarotoxin binding in rat hind limb muscles after a cryoinjury of the sciatic nerve and in acrylamide intoxication. Askmark H, et al. **Acta Physiol Scand** 1985 May;124(1):117-20

Nerve Na+-K+-ATPase, conduction, and myo-inositol in the insulin-deficient BB rat. Greene DA, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):E534-9

The effect of sciatic nerve transection on myelinated fibers in the L5 dorsal root and lumbar dorsal column. A Marchi study in the rat. Aldskogius H, et al. **Anat Embryol (Berl)** 1985;171(2):181-6

AC impedance of the perineurium of the frog sciatic nerve. Weerasuriya A, et al. **Biophys J** 1984 Aug;46(2):167-74

Comparative effects of sciatic nerve stimulation, blood pressure, and morphine on the activity of A5 and A6 pontine noradrenergic neurons. Guyenet PG, et al. **Brain Res** 1985 Feb 18;327(1-2):191-201

Neurite-promoting factors and extracellular matrix components accumulating in vivo within nerve regeneration chambers. Longo FM, et al. **Brain Res** 1984 Aug 20;309(1):105-17

Changes in the cholinergic system of rat sciatic nerve and skeletal muscle following suspension-induced disuse. Gupta RC, et al. **Exp Neurol** 1985 Sep;89(3):622-33

Increased rate of peripheral nerve regeneration using bioresorbable nerve guides and a laminin-containing gel. Madison R, et al. **Exp Neurol** 1985 Jun;88(3):767-72

A correlative study of internode proportions and sensitivity to procaine in regenerated frog sciatic nerves. Minwegen P, et al. **Exp Neurol** 1985 Jan;87(1):147-64

Conduction velocity changes along lumbar primary afferent fibers in cats. Rindos AJ, et al. **Exp Neurol** 1984 Nov;86(2):208-26

Alterations in some dehydrogenase profiles of sciatectomized toad gastrocnemius muscle-metabolic modifications by malate. Prasad GV, et al. **Indian J Physiol Pharmacol** 1984 Jul-Sep;28(3):227-30

Ascending spinal pathways for somatoautonomic reflexes in the anesthetized dog. Kozelka JW, et al. **J Appl Physiol** 1985 Jun;58(6):1832-9

Isomers of long-chain alkane derivatives and nervous impulse blockage. Requena J, et al. **J Membr Biol** 1985;84(3):229-38

Effect of electrical stimulation on phosphoinositide metabolism in rat sciatic nerve in vivo. Goswami SK, et al. **J Neurochem** 1985 Mar;44(3):941-6

Regulation of myelination: Schwann cell transition from a myelin-maintaining state to a quiescent state after permanent nerve transection. Poduslo JF, et al. **J Neurochem** 1985 Feb;44(2):388-400

Posttranslational protein modification by amino acid addition in intact and regenerating axons of the rat sciatic nerve. Zanakis MF, et al. **J Neurochem** 1984 Nov;43(5):1286-94

Dissociated neurons regenerate into sciatic but not optic nerve explants in culture irrespective of neurotrophic factors. Schwab ME, et al. **J Neurosci** 1985 Sep;5(9):2415-23

Interactions of bupivacaine with ionic channels of the nicotinic receptor. Electrophysiological and biochemical studies. Ikeda SR, et al. **Mol Pharmacol** 1984 Sep;26(2):293-303

Rare until proven otherwise [letter] Devor M. **Neurosci Lett** 1985 Apr 19;55(3):381-2

Differential effects of electrical stimulation of sciatic nerve on metabolic activity in spinal cord and dorsal root ganglion in the rat. Kadekaro M, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):6010-3

Comparison of the responses of the diaphragm and upper airway muscles to central stimulation of the sciatic nerve. Haxhiu MA, et al. **Respir Physiol** 1984 Oct;58(1):65-76

[Spontaneous activation of regenerated motor axons in the presence of ethanol] Bruno C, et al. **Boll Soc Ital Biol Sper** 1985 May 30;61(5):743-5 (Eng. Abstr.) **(Ita)**

[Kidney sensitivity to the action of the cerebrospinal fluid in a neurodystrophic process] Topalo VG, et al. **Izv Akad Nauk SSSR [Biol]** 1985 Mar-Apr;(2):185-95 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Recovery from acute demyelinating conduction block in the presence of prolonged distal conduction delay due to peripheral nerve constriction. Baba M, et al. **Electromyogr Clin Neurophysiol** 1984 Nov-Dec;24(7):611-7

Motor nerve conduction velocity and nerve polyols in mice with short-term genetic or streptozotocin-induced diabetes. Whiteley SJ, et al. **Exp Neurol** 1985 Aug;89(2):314-21

Electrophysiological studies of the sciatic nerves in Mycobacterium leprae foot pad-injected rats. Sebille A, et al. **Int J Lepr** 1984 Sep;52(3):365-70

Spontaneous activity of ventral root axons following peripheral nerve injury. Burchiel KJ, et al. **J Neurosurg** 1985 Mar;62(3):408-13

RADIOGRAPHY

A correlative CT and anatomic study of the sciatic nerve. Pech P, et al. **AJR** 1985 May;144(5):1037-41

SURGERY

Studies on arteriovenous anastomoses in rabbits. Part II. Arteriovenous anastomoses and the effect of transient ischaemia on the development of trophic ulceration after sciatic nerve transection in rabbits. Wojtal E, et al. **Acta Physiol Pol** 1984 Jan-Feb;35(1):72-5

Studies on arteriovenous anastomoses in rabbits. Part I. Arteriovenous anastomoses and the effect of sympathectomy on the development of trophic ulceration after sciatic nerve transection in rabbits. Wojtal E, et al. **Acta Physiol Pol** 1984 Jan-Feb;35(1):63-71

Prevention and treatment of sciatic denervation disuse osteoporosis in the rat tibia with capacitively coupled electrical stimulation. Brighton CT, et al. **Bone** 1985;6(2):87-97

Evaluation of the use of the argon laser in repairing rat and primate nerves. Almquist EE, et al. **J Hand Surg [Am]** 1984 Nov;9(6):792-9

Sutures or fibrin glue for divided rat nerves: Schwann cell and muscle metabolism. Becker CM, et al. **Microsurgery** 1985;6(1):1-10

Efficacy of polyglycolic acid (Dexon) microsutures in peripheral nerve anastomoses in the rat: 2. Perineural suture. Lee S, et al. **Microsurgery** 1984;5(3):123-6

Comparative study of microepineurial anastomoses with the use of CO2 laser and suture techniques in rat sciatic nerves: Part 1. Surgical technique, nerve action potentials, and morphological studies. Fischer DW, et al. **Neurosurgery** 1985 Aug;17(2):300-8

The use of autogenous vein for nerve grafting. Rice DH, et al. **Otolaryngol Head Neck Surg** 1984 Aug;92(4):410-2

When should nerve gaps be grafted? An experimental study in rats. Stevens WG, et al. **Plast Reconstr Surg** 1985 May;75(5):707-13

[Results of 40 interfascicular grafting on peripheral nerve trunks] Guégan Y, et al. **Neurochirurgie** 1984;30(5):309-17 (Eng. Abstr.) **(Fre)**

[Animal experiments of neuroma treatment with histoacryl] Martini AK. **Handchir Mikrochir Plast Chir** 1985 Mar;17(2):78-80 (Eng. Abstr.) **(Ger)**

TRANSPLANTATION

Experimental study of vascularized nerve grafts: morphometric study of axonal regeneration of nerves transplanted into silicone tubes. Koshima I, et al. **Ann Plast Surg** 1985 Mar;14(3):235-43

Growth of optic tract axons in nerve grafts in hamsters. Stevenson JA. **Exp Neurol** 1985 Mar;87(3):446-57

Experimental grafts in spinal cord lesions (preliminary report). Brunelli G, et al. **Ital J Orthop Traumatol** 1983 Nov;9 Suppl:53-6

Axon regeneration and vascularisation of nerve grafts. An experimental study. McCullough CJ, et al. **J Hand Surg [Br]** 1984 Oct;9(3):323-7

Experimental study of nerve allografts: especially on the influence of histocompatibility in fresh nerve grafting. Hirasawa Y, et al. **Transplant Proc** 1984 Dec;16(6):1694-9

ULTRASTRUCTURE

Ultrastructure of sciatic nerve of armadillo infected with Mycobacterium leprae. Mehta LN, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):540-54

Ultrastructural appearance of intentionally frustrated axonal regeneration in rat sciatic nerve. Schmidt RE, et al. **J Neuropathol Exp Neurol** 1985 Mar;44(2):130-46

Slow axonal transport in acrylamide neuropathy: different abnormalities produced by single-dose and continuous administration. Gold BG, et al. **J Neurosci** 1985 Jul;5(7):1755-68

An electron microscopic study of alterations in mouse peripheral nerve and skeletal muscle after chlordecone exposure. Phillips DE, et al. **Neurotoxicology (Little Rock Ar)** 1985 Spring;6(1):141-50

SCIATICA

see related
INTERVERTEBRAL DISK DISPLACEMENT

BLOOD

[Fasting and postprandial blood glucose in subjects with crural pain and sciatica] Daragon A, et al. **Rev Rhum Mal Osteoartic** 1985 Jan;52(1):7-11 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

Thermography in low back pain and sciatica. Gillström P. **Arch Orthop Trauma Surg** 1985;104(1):31-6

The diagnostic accuracy of spinal nerve injection studies. Their role in the evaluation of recurrent sciatica. Haueisen DC, et al. **Clin Orthop** 1985 Sep;(198):179-83

Modified crossed leg raising test and sciatica. Swann KW, et al. **Neurosurgery** 1984 Aug;15(2):175-7

Symptoms and signs of sciatica and their relation to the localization of the lumbar disc herniation. Kortelainen P, et al. **Spine** 1985 Jan-Feb;10(1):88-92

[Usefulness of cerebrospinal fluid in patients with sciatica] Strauss J, et al. **Rev Rhum Mal Osteoartic** 1984 Nov;51(10):569-73 (Eng. Abstr.) **(Fre)**

[The lignoicaine test in the diagnosis of pain in the lumbosacral spine] Biliński P, et al. **Chir Narzadow Ruchu Ortop Pol** 1985;50(1):17-21 (Eng. Abstr.) **(Pol)**

DRUG THERAPY

Optimalization of chemonucleolysis. Claes T, et al. **Acta Orthop Belg** 1984 Jul-Aug;50(4):539-44

The use of epidural steroids in the treatment of lumbar radicular pain. A prospective, randomized, double-blind study. Cuckler JM, et al. **J Bone Joint Surg [Am]** 1985 Jan;67(1):63-6

Chemonucleolysis for sciatica and low back pain. Graham CE. **Med J Aust** 1985 Apr 15;142(8):461-2

ETIOLOGY

Sciatic neuropathy secondary to migration of trochanteric wire following total hip arthroplasty. Asnis SE, et al. **Clin Orthop** 1985 Jun;(196):226-8

Intraspinal synovial cyst causing sciatica. Kurz LT, et al. **J Bone Joint Surg [Am]** 1985 Jul;67(6):865-71

[Acute lumbago-sciatica caused by lumbar disk prolapse an 84-year-old patient. 'No, lady--you are too old for that'] Damgaard-Iversen B. **Ugeskr Laeger** 1985 Apr 29;147(18):1481 (Eng. Abstr.) **(Dan)**

[Questioning the responsibility of arachno-epiduritis in determining refractory lumbosciatica, following surgical intervention, saccoradiculography or intra-spinal injections of corticoids] Desproges-Gotteron R, et al. **Bull Acad Natl Med (Paris)** 1984 Mar-Apr;168(3-4):357-61 (Eng. Abstr.) **(Fre)**

HISTORY

Charles Lasègue and his 'Considerations on Sciatica'. Sugar O. **JAMA** 1985 Mar 22-29;253(12):1767-8

OCCURRENCE

[Sciatica and other low-back disorders in private practice: extent of the problem and therapeutic approaches] Bucquet D, et al. **Rev Epidemiol Sante Publique** 1985;33(1):1-8 (Eng. Abstr.) **(Fre)**

RADIOGRAPHY

Predictive value of radiculography in patients with lumbago-sciatica. A prospective study (Part II). Espersen JO, et al. **Acta Neurochir (Wien)** 1984;73(3-4):213-21

[Sciatica, computerized scanning and surgery] Benzakour T, et al. **Maroc Med** 1985 Mar;7(1):441-7 (Eng. Abstr.) **(Fre)**

[Tomodensitometry studies of 75 sciatica cases with 21 recurrences. Radiculographic and surgical correlations] Brégeon C, et al. **Rev Rhum Mal Osteoartic** 1984 Nov;51(10):559-63 **(Fre)**

[Our experience of the comparison of amipaque scanning with the pathology lumbar spinal nerves. A homogenous series 40 cases] Chaouat Y, et al. **Rev Rhum Mal Osteoartic** 1984 Nov;51(10):565-8 **(Fre)**

[Respective importance of the intradural contrast examination and of the scanning in operable sciatica] Hubault A. **Rev Rhum Mal Osteoartic** 1984 Nov;51(10):553-8 (Eng. Abstr.) **(Fre)**

[Feasibility study of x-ray computed tomography in 100 patients with a sciatica caused by a disk hernia detectable by radiography] Tamisier JN, et al. **Rev Rhum Mal Osteoartic** 1985 Mar;52(3):171-7 **(Fre)**

RADIONUCLIDE IMAGING

Scintigraphic appearance of the piriformis muscle syndrome. Karl RD Jr, et al. **Clin Nucl Med** 1985 May;10(5):361-3

SURGERY

Lancinating pain in post-laminectomy chronic sciatica. Baruah JK. **Acta Neurochir (Wien)** 1985;76(3-4):129-30

Predictive value of clinical and surgical findings in patients with lumbago-sciatica. A prospective study (Part I). Kosteljanetz M, et al. **Acta Neurochir (Wien)** 1984;73(1-2):67-76

Sciatica and backache: when to operate? Lewinnek GE, et al. **Hosp Pract [Off]** 1985 Jun 15;20(6):166-7, 170-1, 174-6

Long time follow-up of patients operated on for sciatica with combined disc removal and spinal fusion. Hesla PE, et al. **J Oslo City Hosp** 1984 Jul-Aug;34(7-8):71-3

[Lumbosciatica caused by spondylolisthesis. Results of the surgical treatment by facetolaminectomy and interbody arthrodesis by the posterior approach in a series of 66 cases] Perrin G, et al. **Neurochirurgie** 1984;30(6):387-93 (Eng. Abstr.) **(Fre)**

[Lumbar arthrodesis: results after more than 10 years] Cauchoix J, et al. **Rev Chir Orthop** 1985;71(4):263-8 (Eng. Abstr.) **(Fre)**

[Surgical treatment of sciatica] Hilding S. **Lakartidningen** 1985 Jun 19;82(25):2332-4 **(Swe)**

THERAPY

Workman's compensation, litigation and lumbosciatic syndrome. Laborde JM. **J La State Med Soc** 1985 Jul;137(7):49-51

A case report on nonresolving conservative care of low back pain and sciatic radicular syndrome. Haney PL, et al. **J Manipulative Physiol Ther** 1985 Jun;8(2):109-14

Traction therapy in patients with herniated lumbar intervertebral discs. Weber H, et al. **J Oslo City Hosp** 1984 Jul-Aug;34(7-8):61-70

Clinical observation on acupuncture treatment of 106 cases of trunk-sciatica. Jiang YG, et al. **J Tradit Chin Med** 1984 Sep;4(3):183-5

[Chiropractic treatment of low backache. A prospective study] Brønfort G. **Ugeskr Laeger** 1985 May 13;147(20):1611-8 (Eng. Abstr.) **(Dan)**

[Discal nucleolysis in the treatment of common sciatica]

Cocheteux P, et al. **LARC Med** 1984 Nov;4(9):543–50 (Eng. Abstr.) **(Fre)**

[The analgesic effect of interference currents in radicular pains] Kwasucki J, et al. **Neurol Neurochir Pol** 1984 May–Jun;18(3):235–9 (Eng. Abstr.) **(Pol)**

[Questionnaire method of evaluating the effectiveness of the treatment of pain] Szczudlik A, et al. **Neurol Neurochir Pol** 1984 Sep–Oct;18(5):421–8 (Eng. Abstr.) **(Pol)**

[Beta endorphin-like immunoreactivity in the blood of patients with chronic pain treated by pinpoint receptor stimulation (acupuncture)] Szczudlik A, et al. **Neurol Neurochir Pol** 1984 Sep–Oct;18(5):415–20 (Eng. Abstr.) **(Pol)**

[Changes in manifestations of chronic pain and vegetovascular dystonic syndromes in diseases of the peripheral nervous system after complex sanatorium-health resort treatment] Miashka VA, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan–Feb;(1):44–7 (Eng. Abstr.) **(Rus)**

SCIENCE

see related
RELIGION AND SCIENCE

Order and human biology. Nabel GJ. **Am J Med** 1985 Apr; 78(4):545–8

The science in human communication sciences. Ringel RL, et al. **ASHA** 1984 Dec;26(12):33–7

A note on explanation and understanding in psychology. Cooper Z, et al. **Br J Med Psychol** 1985 Mar;58 (Pt 1):19–24

Prometheus the impostor. Laor N. **Br Med J [Clin Res]** 1985 Mar 2;290(6469):681–4

How much science should there be in the premedical curriculum? [editorial] Morgan PP. **Can Med Assoc J** 1984 Oct 1;131(7):711–2

Originality, novelty and priority: three words to reckon with in scientific publishing [editorial] Morgan PP. **Can Med Assoc J** 1985 Jan 1;132(1):8–9

Scientists and science writers. Blakeslee A. **Cancer Invest** 1985;3(2):189–91

The universal aspect of science and culture. Solarino G. **G Batteriol Virol Immunol** 1983 Jul–Dec;76(7–12):159–66

Science for health in the future. Hamburg DA, et al. **Health Aff (Millwood)** 1984 Winter;3(4):94–109

Science and the media: the boundaries of truth. Winsten JA. **Health Aff (Millwood)** 1985 Spring;4(1):5–23

Humanizing scientists. Morowitz HJ. **Hosp Pract [Off]** 1984 Dec;19(12):78, 83–4

Development of a nursing knowledge base in the life sciences: problems and prospects. Akinsanya JA. **Int J Nurs Stud** 1984;21(3):221–7

Women and science performance in a six-year medical program. Greenfield B, et al. **J Am Med Wom Assoc** 1985 Jul–Aug;40(4):116–8

Psychoanalysis as science: the inductivist's resistance revisited. Laor N. **J Am Psychoanal Assoc** 1985; 33(1):149–66

Lead in petrol and levels of lead in blood: scientific evidence and social policy. Elwood PC, et al. **J Epidemiol Community Health** 1984 Dec;38(4):315–8

Medical information science as 'science'. Blois MS. **Med Inf (Lond)** 1984 Jul–Dec;9(3–4):181–3

'Of making many books...'. Collins CH. **Med Lab Sci** 1985 Jan;42(1):8–10

Science and parascience: a modern confusion. Bisk F. **NY State Dent J** 1985 Jun–Jul;51(6):332–3

Science, humanism, and the nature of medical practice: a phenomenological view. Schwartz MA, et al. **Perspect Biol Med** 1985 Spring;28(3):331–66

[What should epistemology contribute to psychiatry in the era of interdisciplinary research ?] Marchais P. **Ann Med Psychol (Paris)** 1984 Dec;142(10):1257–61 (Eng. Abstr.) **(Fre)**

[Psychoanalysis as science] Tress W. **Psyche (Stuttg)** 1985 May;39(5):385–412 (Eng. Abstr.) **(Ger)**

[Social hygienic aspects of industrial production in relation to the scientific-technological revolution] Beliaeva GG. **Sov Zdravookhr** 1984;(12):14–8 **(Rus)**

[Science and medicine] Chazov EI. **Ter Arkh** 1984;56(11):3–5 **(Rus)**

[Scientific activity in Chile. Publications registered during the period 1980–1982] Krauskopf M, et al. **Arch Biol Med Exp (Santiago)** 1983 Aug;16(1):17–27 (Eng. Abstr.) **(Spa)**

[Science in Latin America. The current status and recommendations. Meeting of the Council of the Academy of Sciences of Latin America. Chile, Viña del Mar, April 25–28, 1984] **Rev Invest Clin** 1984 Jul–Sep;36(3):305–6 **(Spa)**

HISTORY

Bacon's syndrome. The decline of natural history in medicine. Lee RV. **Am J Med** 1984 Dec;77(6):972–6

Literature of the life sciences: the historical background. Kronick DA. **Bull NY Acad Med** 1984 Nov;60(9):857–75

The development of science in Japan: its background and its foundations. Bennett HS. **Cell Struct Funct** 1985 Jun; 10(2):183–93

One hundred ninth critical bibliography of the history of science and its cultural influences. **Isis** 1984;75(280):1–206

Scientific decline. Is quantitative evaluation enough? Nye MJ. **Isis** 1984 Dec;75(279):697–708

Eppinger of Vienna: scientist and villain? Spiro HM. **J Clin Gastroenterol** 1984 Dec;6(6):493–7

The elusive target: truth in scientific reporting. Comments on error, self-delusion, deceit, and fraud. Szilagyi DE. **J Vasc Surg** 1984 Mar;1(2):243–53

[New epistemologies] Delpech LJ. **Ann Med Psychol (Paris)** 1984 Dec;142(10):1063–80 **(Fre)**

[Transylvanians in the culture and science of Moldavia in the 19th century] Cotrău M. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct–Dec;88(4):743–8 **(Rum)**

[Science at the front and behind the lines during World War II] **Izv Akad Nauk SSSR [Biol]** 1985 May–Jun;(3):325–9 **(Rus)**

[Truth and error in medicine] Jinich H, et al. **Gac Med Mex** 1984 Apr;120(4):133–44 **(Spa)**

SCIENTIFIC SOCIETIES see **SOCIETIES, SCIENTIFIC**

SCIMITAR SYNDROME

RADIOGRAPHY

Partial anomalous pulmonary venous return. DeLuca SA. **Am Fam Physician** 1984 Oct;30(4):127–9

[Atypical scimitar syndrome: 'scimitar sign' with normal pulmonary venous drainage] Okada K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Apr;22(4):330–4 (Eng. Abstr.) **(Jpn)**

[Scimitar syndrome] Hanning S, et al. **Rev Chil Pediatr** 1984 Sep–Oct;55(5):335–8 (Eng. Abstr.) **(Spa)**

SURGERY

[Division of aberrant systemic arteries communicating with pulmonary vessels in 2 patients associated with the scimitar syndrome] Ohkita Y, et al. **Kyobu Geka** 1985 Apr; 38(4):266–73 (Eng. Abstr.) **(Jpn)**

SCINTIGRAPHY see **RADIONUCLIDE IMAGING**

SCINTIGRAPHY, COMPUTED TOMOGRAPHIC see **TOMOGRAPHY, EMISSION COMPUTED**

SCINTILLATION COUNTING

Sources of error in estimating radioactivity in protein from cell cultures by liquid scintillation counting. Silverman JA, et al. **Anal Biochem** 1984 Sep;141(2):538–44

The use of gamma scintigraphy to follow the gastrointestinal transit of pharmaceutical formulations. Christensen FN, et al. **J Pharm Pharmacol** 1985 Feb;37(2):91–5

Effect of recirculation and regional counting rate on reliability of noninvasive bicompartmental CBF measurements. Herholz K. **Stroke** 1985 Mar–Apr; 16(2):301–6

INSTRUMENTATION

Assessment of left ventricular function in coronary artery disease with the nuclear probe during intervention studies. Lahiri A, et al. **Br Heart J** 1984 Oct;52(4):422–30

The use of planar high-purity Ge detectors for in vivo measurement of low-energy photon emitters. Palmer HE, et al. **Health Phys** 1984 Oct;47(4):569–78

A Si(Li)–NaI(Tl) detector for direct measurement of plutonium in vivo. Sherman IS, et al. **Health Phys** 1984 Nov;47(5):711–21

The estimation of dose equivalent from the activation of plastic scintillators. Stevenson GR. **Health Phys** 1984 Dec; 47(6):837–47

A multivial distillation apparatus for routine tritium urinanalysis. Coops AJ, et al. **Int J Appl Radiat Isot** 1985 May;36(5):408–11

The design and construction of a multiple proportional counter used to study axonal transport. Snyder RE. **J Neurosci Methods** 1984 Jun;11(2):79–88

The clinical application of intestinal 47Ca absorption test by employing our developed arm counter. Torizumi K, et al. **Radioisotopes** 1984 Jun;33(6):380–2

[Clinical studies of intestinal 47Ca absorption tests by external arm counter] Ebisuno S, et al. **Kaku Igaku** 1984 Aug; 21(8):901–7 (Eng. Abstr.) **(Jpn)**

[Clinical application of the digital gamma camera with opposing large rectangular twin detectors: (1) Characteristics and performance of the system] Obata Y, et al. **Kaku Igaku** 1984 Aug;21(8):979–83 **(Jpn)**

[Omniscope––a computerized cardiac single probe system combined with a B-mode ultrasound instrument] Ide M, et al. **Kokyu To Junkan** 1984 Oct;32(10):1039–45 **(Jpn)**

[Evaluation of gamma camera collimator for regional cerebral blood flow measurements using a 133Xe inhalation method] Saegusa K, et al. **Radioisotopes** 1984 Sep; 33(9):623–8 (Eng. Abstr.) **(Jpn)**

[Radionuclide sensitivity of a plastic scintillator] Li DKh, et al. **Med Tekh** 1984 Jul–Aug;(4):12–4 (Eng. Abstr.) **(Rus)**

METHODS

Scintillation counting of radioactive phospholipids: influence of counting solutions. Engle MJ, et al. **Clin Chim Acta** 1985 Feb 15;145(3):337–40

An algorithm for correcting observed count rates for cross-talk between counting channels in combined vitamin B12 and folate radioassays. Ryall RG, et al. **Clin Chim Acta** 1985 Feb 28;146(1):93–5

Count-based scintigraphic method to calculate ventricular volumes in children: in vitro and clinical validation. Guiteras P, et al. **J Am Coll Cardiol** 1985 Apr;5(4):963–72

Performance of a position-sensitive scintillation detector. Karp JS, et al. **Phys Med Biol** 1985 Jul;30(7):643–55

Liquid scintillation counting of 55Fe applied to air-filter samples. Kojima S, et al. **Radioisotopes** 1985 Feb;34(2):72–7

[Features of level gauging by means of 252Cf neutron scattering technique] Aoyama K, et al. **Radioisotopes** 1984 Sep;33(9):639–42 **(Jpn)**

[Effect of chemical quenching on background counting rate in tritium channel of a large volume liquid scintillation counter] Inoue Y, et al. **Radioisotopes** 1984 Jul;33(7):431–6 (Eng. Abstr.) **(Jpn)**

[Efficiency of tritium enrichment by electrolytic cell with multi-nickel-plates electrode and its application to the determination of tritium in environmental water] Kondo Y, et al. **Radioisotopes** 1984 Jun;33(6):357–62 (Eng. Abstr.) **(Jpn)**

[Quantitative measurement of 125I with NaI(Tl) scintillation survey meter] Nishizawa K. **Radioisotopes** 1985 Feb; 34(2):78–82 (Eng. Abstr.) **(Jpn)**

[Low level alpha activity measurements with pulse shape discrimination––the analytical system and its characteristics] Noguchi M, et al. **Radioisotopes** 1984 Dec; 33(12):835–40 (Eng. Abstr.) **(Jpn)**

[Low level alpha activity measurements with pulse shape discrimination––application to the determination of alpha-nuclides in environmental samples] Satoh K, et al. **Radioisotopes** 1984 Dec;33(12):841–6 (Eng. Abstr.) **(Jpn)**

SCIURIDAE

Spontaneous diabetes mellitus in a captive golden-mantled ground squirrel, Spermophilus lateralis (Say). Heidt GA, et al. **J Wildl Dis** 1984 Jul;20(3):253–5

Experimental plague in rock squirrels, Spermophilus variegatus (Erxleben). Quan TJ, et al. **J Wildl Dis** 1985 Jul;21(3):205–10

The cloned genome of ground squirrel hepatitis virus is infectious in the animal. Seeger C, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5849–52

Chronic hepatitis and hepatocellular carcinoma associated with persistent woodchuck hepatitis virus infection. Roth L, et al. **Vet Pathol** 1985 Jul;22(4):338–43

Primary hepatoma in a woodchuck (Marmota monax) without serologic evidence of woodchuck hepatitis virus infection. Roth L, et al. **Vet Pathol** 1984 Nov;21(6):607–8

ANATOMY & HISTOLOGY

Ultrastructure of Sertoli-cell penetrating processes found in germ cells of the golden-mantled ground squirrel (spermophilus lateralis). Vogl AW, et al. **Am J Anat** 1985 Jan;172(1):75–86

Ipsilaterally projecting retinal ganglion cells in the eastern chipmunk (Tamias sibiricus asiaticus). Wakakuwa K, et al. **Neurosci Lett** 1985 Apr 9;55(2):219–24

[Ultramicroscopic aspects of the dental pulp of rodents (Sciurus m.)] Viti M. **Minerva Stomatol** 1985 Jan–Feb; 34(1):5–11 (Eng. Abstr.) **(Ita)**

BLOOD

Circannual changes in serum testosterone concentrations of adult and yearling woodchucks (Marmota monax). Baldwin BH, et al. **Biol Reprod** 1985 May;32(4):804–12

Hibernation 'trigger' alters renal function in the primate. Oeltgen PR, et al. **Physiol Behav** 1985 Jan;34(1):79–81

Blood acid-base status of an awake heterothermic rodent, Spermophilus tereticaudus. Bickler PE. **Respir Physiol** 1984 Sep;57(3):307–16

GENETICS

[Karyotype of Citellus dauricus Brandt] Cai YY, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1985 Feb; 7(1):72–3 (Eng. Abstr.) **(Chi)**

[Chromosomal phylogeny of 7 species of Sciurinae] Petit D, et al. **Ann Genet (Paris)** 1985;28(1):13–8 (Eng. Abstr.) **(Fre)**

[Great degree of homology between the ancestral karyotype of squirrels (rodents) and that of primates and carnivores] Petit D, et al. **Ann Genet (Paris)** 1984;27(4):201–12 (Eng. Abstr.) **(Fre)**

GROWTH & DEVELOPMENT

A comparison of the response of woodchucks and rats to variations in dietary lipotrope and lipid content. Boyd JN, et al. **J Nutr** 1985 Sep;115(9):1136–46

IMMUNOLOGY

Interferon production of spotted souslik [letter] Kandefer-Szerszeń M. **Acta Virol (Praha)** 1984 Jul; 28(4):346

Production and initial characterization of spotted souslik (Spermophilus suslicus) interferon. Kandefer-Szerszeń M, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(4):451–7

Cell cultures of spotted souslik––preliminary characterization of their growth and sensitivity to viruses. Kandefer–Szerszeń M, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(4):459–65

METABOLISM

Distribution of simple esterase in the nuclei and fiber tracts of the medulla oblongata of squirrel (Funambulus palmarum). Bhatt DK. **Acta Morphol Neerl Scand** 1984 Dec;22(4):279–87

Proliferative and stimulatory effects of PGA2 on nucleic acids in the adrenal and kidney of squirrel, Funambulus pennanti. Rana SV, et al. **Acta Morphol Neerl Scand** 1984 Dec;22(4):307–12

Hibernators' brain: protein synthesis in the neocortex and the hippocampus. Derij LV, et al. **Comp Biochem Physiol [B]** 1985;80(4):927–34

Conversion of dolichyl pyrophosphate N,N'–diacetylchitobiose to lipid–tri– to heptasaccharides by liver microsomes from hibernating ground squirrels (Citellus citellus L.). Panayotov BN, et al. **Int J Biochem** 1985;17(6):713–7

Biochemical features of the grey squirrel lens. Zigman S, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1075–82

Arrangement and possible function of actin filament bundles in ectoplasmic specializations of ground squirrel Sertoli cells. Vogl AW, et al. **J Cell Biol** 1985 Mar;100(3):814–25

Changes in serotonin levels, N–acetyltransferase activity, hydroxyindole–O–methyltransferase activity, and melatonin levels in the pineal gland of the Richardson's ground squirrel in relation to the light–dark cycle. Reiter RJ, et al. **Neuroendocrinology** 1984 Oct;39(4):356–60

MICROBIOLOGY

Experimental La Crosse virus infection of red fox (Vulpes fulva), raccoon (Procyon lotor), opossum (Didelphis virginiana), and woodchuck (Marmota monax). Amundson TE, et al. **Am J Trop Med Hyg** 1985 May;34(3):586–95

La Crosse viremias in juvenile, subadult and adult chipmunks (Tamias striatus) following feeding by transovarially–infected Aedes triseriatus. Patrican LA, et al. **Am J Trop Med Hyg** 1985 May;34(3):596–602

Oral infection and transmission of La Crosse virus by an enzootic strain of Aedes triseriatus feeding on chipmunks with a range of viremia levels. Patrican LA, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):992–8

Activities of arabinosyladenine monophosphate and 9–(1,3–dihydroxy–2–propoxymethyl)guanine against ground squirrel hepatitis virus in vivo as determined by reduction in serum virion–associated DNA polymerase. Smee DF, et al. **Antimicrob Agents Chemother** 1985 Feb;27(2):277–9

Inhibition of human and woodchuck hepatitis virus DNA polymerase by the triphosphates of acyclovir, 1–(2'–deoxy–2'–fluoro–beta–D–arabinofuranosyl)–5–iodoc and E–5–(2–bromovinyl)–2'–deoxyuridine. Hantz O, et al. **Antiviral Res** 1984 Aug;4(4):187–99

Woodchuck hepatitis virus infection: serologic and histopathologic course and outcome. Lindberg J, et al. **Eur J Clin Microbiol** 1985 Feb;4(1):59–61

Woodchuck hepatitis virus: experimental infection and natural occurrence. Millman I, et al. **Hepatology** 1984 Sep–Oct;4(5):817–23

Identification of endemic foci of Lyme disease: isolation of Borrelia burgdorferi from feral rodents and ticks (Dermacentor variabilis). Anderson JF, et al. **J Clin Microbiol** 1985 Jul;22(1):36–8

Susceptibility of small mammals to nonvirulent spotted fever group rickettsiae. Norment BR, et al. **J Med Entomol** 1985 Mar 22;22(2):200–3

Core antigen and antibody in woodchucks after infection with woodchuck hepatitis virus. Ponzetto A, et al. **J Virol** 1984 Oct;52(1):70–6

Faecal bacteria of wild ruminants and the alpine marmot. Pagano A, et al. **Vet Res Commun** 1985 Jul;9(3):227–32

Radioimmunoassay and characterization of woodchuck hepatitis virus core antigen and antibody. Ponzetto A, et al. **Virus Res** 1985 Jun;2(4):301–15

Epidemic typhus acquired in Wisconsin. Agger WA, et al. **Wis Med J** 1985 Jan;84(1):27–30

[Spontaneous and experimental infection of alpine marmots (Marmota marmota) by the North American woodchuck hepatitis virus (Marmota monax). Initial results] Chomel B, et al. **Comp Immunol Microbiol Infect Dis** 1984;7(3–4):179–94 (Eng. Abstr.) **(Fre)**

PARASITOLOGY

Ivermectin treatment of notoedric mange in two fox squirrels. Evans RH. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1437–8

Feeding–site selection and blood–feeding behavior of Aedes triseriatus (Diptera: Culicidae) on rodent (Sciuridae) hosts. Walker ED, et al. **J Med Entomol** 1985 May 24;22(3):287–94

Eimeria confusa Joseph, 1969 and E. ontarioensis Lee and Dorney, 1971, from grey squirrels in England. Ball SJ, et al. **J Parasitol** 1984 Jun;70(3):390

The prevalence and seasonal distribution of coccidial parasites of woodchucks (Marmota monax). McQuistion TE, et al. **J Parasitol** 1984 Dec;70(6):994–6

Parasitic protozoa of the blood of rodents. VI. Two new hemogregarines of the pygmy flying squirrel Idiurus macrotis (Rodentia: Theridomyomorpha: Anomaluridae) in West Africa. Killick–Kendrick R. **J Protozool** 1984 Nov;31(4):532–5

[Level of parasitic contact in colonies of the little suslik in the semideserts of western Kazakhstan] Shevchenko GV, et al. **Parazitologiia** 1984 Nov–Dec;18(6):459–63 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Ecological distinctions between sympatric species of Saguinus and Sciurus. Garber PA, et al. **Am J Phys Anthropol** 1984 Oct;65(2):135–46

Isovolumetric performance of isolated ground squirrel and rat hearts at low temperature. Caprette DR, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R722–7

Recovery of lipid mass after removal of adipose tissue in ground squirrels. Dark J, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R73–8

Seasonal changes in pancreatic B–cell function in euthermic yellow–bellied marmots. Florant GL, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R159–65

Plasma melatonin concentrations in hibernating marmots: absence of a plasma melatonin rhythm. Florant GL, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R1062–6

Pineal gland influences period of circannual rhythms of ground squirrels. Zucker I. **Am J Physiol** 1985 Jul;249(1 Pt 2):R111–5

Seasonal weight gain is attenuated in food–restricted ground squirrels with lesions of the suprachiasmatic nuclei. Dark J. **Behav Neurosci** 1984 Oct;98(5):830–5

Antagonism of brain opioid peptide action reduces hibernation bout duration. Beckman AL, et al. **Brain Res** 1985 Mar 4;328(2):201–5

Persistence of circannual rhythms in ground squirrels with lesions of the suprachiasmatic nuclei. Dark J, et al. **Brain Res** 1985 Apr 22;332(2):201–7

Effect of hibernation on liver and kidney metabolism in 13–lined ground squirrels. Green CJ, et al. **Comp Biochem Physiol [B]** 1984;79(2):167–71

Seasonal changes in the testes and accessory reproductive organs and seasonal and circadian changes in plasma testosterone concentrations in the male grey squirrel (Sciurus carolinensis). Webley GE, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):15–23

Hormonal influences on natal dispersal in free–living Belding's ground squirrels (Spermophilus beldingi). Holekamp KE, et al. **Horm Behav** 1984 Dec;18(4):465–83

Nonintralaminar thalamostriatal projections in the gray squirrel (Sciurus carolinensis) and tree shrew (Tupaia glis). Lin CS, et al. **J Comp Neurol** 1984 Nov 20;230(1):33–46

Directional filter characteristics of optic nerve fibers in California ground squirrel (Spermophilus beecheyi). McCourt ME, et al. **J Neurophysiol** 1984 Dec;52(6):1200–12

Spatial filter characteristics of optic nerve fibers in California ground squirrel (Spermophilus beecheyi). McCourt ME, et al. **J Neurophysiol** 1984 Dec;52(6):1181–99

The arterially perfused eyecup of the tree squirrel, Sciurus carolinensis: a preparation for intracellular recording from mammalian retinal neurons. Charlton JS, et al. **J Neurosci Methods** 1985 Apr;13(2):153–61

Decreases in pineal melatonin content during the hibernation bout in the golden–mantled group squirrel, Spermophilus lateralis. Stanton TL, et al. **Life Sci** 1984 Oct 1;35(14):1461–7

Circadian rhythms in multiple unit activity inside and outside the suprachiasmatic nucleus in the diurnal chipmunk (Eutamias sibiricus). Sato T, et al. **Neurosci Res** 1984 Feb;1(1):45–52

Refractive state, depth of focus and accommodation of the eye of the California ground squirrel (Spermophilus beecheyi). McCourt ME, et al. **Vision Res** 1984;24(10):1261–6

[Detector neurons of the visual cortex of the chipmunk] Polkoshnikov EV. **Neirofiziologiia** 1984;16(6):807–14 (Eng. Abstr.) **(Rus)**

SCLERA

Pigment spots related to scleral emissaries in Eskimos, Mongols, and Caucasians. Norn M. **Acta Ophthalmol (Copenh)** 1985 Apr;63(2):236–41

Episcleritis associated with familial Mediterranean fever. Scharf J, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):337–9

Standardized echography in uveal melanomas with scleral or extraocular extension. Farah ME, et al. **Arch Ophthalmol** 1984 Oct;102(10):1482–5

Migration of acetylated hemicellulose from capillary hemodialyzer to blood, causing scleritis and/or iritis. Oba T, et al. **Artif Organs** 1984 Nov;8(4):429–35

Subretinal neovascularisation in eyes with localised inferior posterior staphylomas. Tsuboi S, et al. **Br J Ophthalmol** 1984 Dec;68(12):869–72

Cyclosporin A treatment in two cases of corneal peripheral melting syndrome. Kruit PJ, et al. **Doc Ophthalmol** 1985 Jan 31;59(1):33–9

Mortality rate in rheumatoid arthritis patients developing necrotizing scleritis or peripheral ulcerative keratitis. Effects of systemic immunosuppression. Foster CS, et al. **Ophthalmology** 1984 Oct;91(10):1253–63

Scleritis, pericarditis, and aortic insufficiency in a patient with rheumatoid arthritis. Kleiner RC, et al. **Ophthalmology** 1984 Aug;91(8):941–6

Anterior segment fluorescein angiography in the diagnosis of scleral inflammation. Watson PG, et al. **Ophthalmology** 1985 Jan;92(1):1–11

Melting corneas with collapsing nose. Michelson JB. **Surv Ophthalmol** 1984 Sep–Oct;29(2):148–54

[Elimination of implants as complications of surgery of retinal detachments] Karel I, et al. **Cesk Oftalmol** 1985 Mar;41(2):95–100 (Eng. Abstr.) **(Cze)**

[Spherophakia and spontaneous sclero–conjunctival fistula] Antaki S. **Bull Mem Soc Fr Ophtalmol** 1985;96:300–2 **(Fre)**

[Differential diagnostic significance of Tenon's space] Guthoff R. **Fortschr Ophthalmol** 1984;81(4):388–90 (Eng. Abstr.) **(Ger)**

[Fundus asymmetry––supertraction of the papilla and posterior sclera staphyloma––as a source of error in the calculation of intraocular lenses] Meier U, et al. **Klin Monatsbl Augenheilkd** 1984 Oct;185(4):259–62 (Eng. Abstr.) **(Ger)**

[Retroscleral filling as a treatment method in progressive myopia] Kursikov AI, et al. **Oftalmol Zh** 1984;(8):469–70 (Eng. Abstr.) **(Rus)**

[Late results of introducing allotissue into Tenon's space in progressive myopia] Svirin AV, et al. **Oftalmol Zh** 1984;(8):471–2 (Eng. Abstr.) **(Rus)**

[Nonsurgical method of stabilizing the sclera in progressive myopia] Avetisov ES, et al. **Vestn Oftalmol** 1985 Mar–Apr;101(2):31–6 (Eng. Abstr.) **(Rus)**

ABNORMALITIES

Hereditary sclerocornea. Elliott JH, et al. **Arch Ophthalmol** 1985 May;103(5):676–9

Decreased scattering coefficient of blue sclerae. Lanting PJ, et al. **Clin Genet** 1985 Feb;27(2):187–90

Spontaneous posterior bulbar perforation of congenital scleral coloboma and its surgical treatment: a case report. Mori S, et al. **Ophthalmic Surg** 1985 Jul;16(7):433–6

Correlation of ocular rigidity and blue sclerae in osteogenesis imperfecta. Kaiser–Kupfer MI, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 2):191–5

[Retinal detachment associated with extensive sclerectasia in a patient presenting with very accentuated kyphoscoliosis] Gerhard JP, et al. **Bull Soc Ophtalmol Fr** 1983 Dec;83(12):1415–9 (Eng. Abstr.) **(Fre)**

[A case of bilateral morning–glory syndrome] Le Rebeller MJ, et al. **Bull Soc Ophtalmol Fr** 1984 Jun–Jul;84(6–7):799–802 **(Fre)**

ANALYSIS

Characterization of collagen from normal human sclera. Keeley FW, et al. **Exp Eye Res** 1984 Nov;39(5):533–42

ANATOMY & HISTOLOGY

Topography of scleral emissaries and sclera–perforating blood vessels. Norn M. **Acta Ophthalmol (Copenh)** 1985 Jun;63(3):320–2

[The study on the microscopic biometry of the thickness of the human retina, choroid and sclera by ultrasound] Tane S, et al. **Nippon Ganka Gakkai Zasshi** 1984 Nov;88(11):1412–7 (Eng. Abstr.) **(Jpn)**

BLOOD SUPPLY

Afferent pupillary defect and dilated episcleral and conjunctival vessels in a patient with arteriovenous malformation of the brain. Mozaffarpour M. **Ann Ophthalmol** 1985 Jun;17(6):340–3

Scanning electron microscopy of vascular casts of the human scleral lamina cribrosa. Fryczkowski AW, et al. **Int Ophthalmol** 1984 Jun;7(2):95–100

Sentinel episcleral vessels. A clue to the diagnosis of asymptomatic ciliary body melanoma. Garmizo G. **J Am Optom Assoc** 1984 Aug;55(8):599–600

[Episcleral venous pressure in primary glaucoma, ocular hypertension and in patients with hypertension] Viazigina LV, et al. **Vestn Oftalmol** 1985 May–Jun;101(3):12–4 (Eng. Abstr.) **(Rus)**

CYTOLOGY

[Study of the walls of Schlemm's canal using the Wolf method of moist tissue replicas (the microrelief method)] Vrabec F, et al. **Cesk Oftalmol** 1985 Mar;41(2):59–61 **(Cze)**

INJURIES

[Transfixing sclerociliary wounds. Apropos of 5 cases] Peyresblanques J, et al. **Bull Soc Ophtalmol Fr** 1984 Jun–Jul;84(6–7):775–6 **(Fre)**

[Penetration of the cerclage material into the eye after surgery––its diagnosis and prevention] Biardzka B. **Klin Oczna** 1984 Jul;86(7):313–5 (Eng. Abstr.) **(Pol)**

[Subconjunctival dislocation of the crystalline lens in eye injuries] Kozak U. **Klin Oczna** 1984 Jul;86(7):305–6 (Eng. Abstr.) **(Pol)**

[Complications of cerclage of the eyeball] Szwarcowa C, et al. **Klin Oczna** 1984 Dec;86(12):547–8 (Eng. Abstr.) **(Pol)**

METABOLISM

Quantitation of uveoscleral outflow in normotensive and glaucomatous Beagles by 3H-labeled dextran. Barrie KP, et al. **Am J Vet Res** 1985 Jan;46(1):84–8

Morphologic studies of uveoscleral outflow in normotensive and glaucomatous beagles with fluorescein-labeled dextran. Barrie KP, et al. **Am J Vet Res** 1985 Jan;46(1):89–97

Aqueous outflow in the beagle: unconventional outflow, using different-sized microspheres. Samuelson DA, et al. **Am J Vet Res** 1985 Jan;46(1):242–8

Kinetic analysis of collagen fibrillogenesis: II. Corneal and scleral type I collagen. Birk DE, et al. **Coll Relat Res** 1984 Aug;4(4):265–77

Importance of the noncorneal absorption route in topical ophthalmic drug delivery. Ahmed I, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):584–7

PATHOLOGY

IgA nephropathy: dimeric IgA-secreting cells are present in episcleral infiltrate. Bene MC, et al. **Am J Clin Pathol** 1984 Nov;82(5):608–11

Scleral canal size and optic nerve head drusen. Mullie MA, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):356–9

Microscopical studies of necrotising scleritis. I. Cellular aspects. Young RD, et al. **Br J Ophthalmol** 1984 Nov; 68(11):770–80

[Malignant transformation of benign tumors of the sclerocorneal limbus. Apropos of 2 cases in Bantus of Central Africa] Menez B, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):573–4, 577–8 (Eng. Abstr.) **(Fre)**

[Epibulbar osteoma] Zografos L, et al. **J Fr Ophtalmol** 1984; 7(10):625–6 **(Fre)**

[Experimental studies on the usefulness of absorbable sutures used in cerclage operations. 2. Macroscopic and histological evaluation] Biardzka B. **Klin Oczna** 1984 Aug; 86(8):335–7 (Eng. Abstr.) **(Pol)**

[Histological changes in the sclera in retinal detachment. I. Spontaneous detachment] Mariak Z, et al. **Klin Oczna** 1984 Jul;86(7):287–9 (Eng. Abstr.) **(Pol)**

PHYSIOLOGY

Uveoscleral outflow following cyclodialysis in the monkey eye using a fluorescent tracer. Suguro K, et al. **Invest Ophthalmol Vis Sci** 1985 Jun;26(6):810–3

Optical properties of the sclera. Fine I, et al. **Phys Med Biol** 1985 Jun;30(6):565–71

RADIATION EFFECTS

Transscleral laser cyclocoagulation. Beckman H. **Trans New Orleans Acad Ophthalmol** 1985;:148–53

[Establishment of the optimal space-time characteristics for trans-scleral laser irradiation and its experimental study] Legeza SG. et al. **Oftalmol Zh** 1985;(3):170–3 (Eng. Abstr.) **(Rus)**

SURGERY

Experimental modification of the corneal curvature by means of scleral surgery. Arciniegas A, et al. **Ann Ophthalmol** 1984 Dec;16(12):1155–66

Histologic study of a neodymium-YAG laser sclerostomy. March WF, et al. **Arch Ophthalmol** 1985 Jun;103(6):860–3

Experimental YAG laser sclerostomy. March WF, et al. **Arch Ophthalmol** 1984 Dec;102(12):1834–6

Congenital glaucoma with corneal cloudiness treated by thermal sclerostomy. Cadera W, et al. **Can J Ophthalmol** 1985 Apr;20(3):98–100

Instrument for dissecting scleral incision flap [letter] Dulaney DD. **J Am Intraocul Implant Soc** 1985 May;11(3):282

Diversionary grooves for filtering procedures [letter] Ciccarelli EC. **Ophthalmic Surg** 1985 Mar;16(3):202, 206

Transscleral cyclocoagulation using a neodymium:YAG laser. Wilensky JT, et al. **Ophthalmic Surg** 1985 Feb; 16(2):95–8

Long-term observations after trephination with scleral flap in glaucoma with threatened point of fixation. Vossen J, et al. **Ophthalmologica** 1984;189(4):169–76

The role of orbital exenteration in choroidal melanoma with extrascleral extension. Kersten RC, et al. **Ophthalmology** 1985 Mar;92(3):436–43

[Long-term results following goniotomy in congenital glaucoma] Draeger J, et al. **Klin Monatsbl Augenheilkd** 1984 Dec;185(6):481–9 (Eng. Abstr.) **(Ger)**

[Comparison of results of iridencleisis and covered goniotrepanation] Mayer H. **Klin Monatsbl Augenheilkd** 1984 Jun;184(6):569–71 (Eng. Abstr.) **(Ger)**

[Clinical results following revision of covered goniotrepanation (Elliot-Fronimopoulos)] Trinkmann R, et al. **Klin Monatsbl Augenheilkd** 1985 Feb;186(2):105–6 (Eng. Abstr.) **(Ger)**

[Eccentric tectonic mini-keratoplasty in corneal, corneoscleral and scleral processes] Völcker HE, et al. **Klin Monatsbl Augenheilkd** 1984 Sep;185(3):158–66 (Eng. Abstr.) **(Ger)**

[Trabeculectomy with an additional scleral band] Borowski J. **Klin Oczna** 1984 Jun;86(6):271–2 (Eng. Abstr.) **(Pol)**

[The TO-01 ophthalmological thermometer for controlling the temperature of the sclera during diathermocoagulation] Mondelski S, et al. **Klin Oczna** 1985 Feb;87(2):83–4 (Eng. Abstr.) **(Pol)**

[Simultaneous operation for retinal detachment and intrascleral iridencleisis for the prevention of glaucoma] Mrzygłód S. **Klin Oczna** 1984 Aug;86(8):345–6 (Eng. Abstr.) **(Pol)**

[Exacerbating factors and an analysis of their joint effect on the formation of adhesions and the appearance of tractional retinal detachment following the diascleral removal of intraocular fragments] Gundorova RA, et al. **Oftalmol Zh** 1984;(3):159–62 (Eng. Abstr.) **(Rus)**

[Use of the Avetisov operation in paralysis of the external rectus muscle] Rozenblium IuZ. **Oftalmol Zh** 1985; (2):77–80 (Eng. Abstr.) **(Rus)**

[Prevention of the progression of myopia by the Remizov-Griaznov method of modified scleroplasty] Pivovarov NN, et al. **Vestn Oftalmol** 1985 Mar–Apr; 101(2):36–9 (Eng. Abstr.) **(Rus)**

[Transplantation of the dura mater of the human fetus in progressive myopia] Zaikova MV, et al. **Vestn Oftalmol** 1984 Nov–Dec;(6):33–4 (Eng. Abstr.) **(Rus)**

TRANSPLANTATION

Scleral reinforcement for high myopia. Thompson FB. **Ophthalmic Surg** 1985 Feb;16(2):90–4

[Preserved sclera as buckling material for the treatment of retinal detachment--report of 53 cases] Yang PL. **Chung Hua Yen Ko Tsa Chih** 1984 Mar;20(2):81–3 **(Chi)**

[Comparative evaluation of the immediate results of scleroplastic operations using allosclera and allofascia in progressive myopia] Adigezalova-Polchaeva KA, et al. **Oftalmol Zh** 1984;(8):457–60 (Eng. Abstr.) **(Rus)**

[Effect of alloscleroplastic operations on the visual functions in persons with high myopia at different stages of the manifestation of chorioretinal dystrophy] Krasnikov PG, et al. **Oftalmol Zh** 1985;(3):156–9 (Eng. Abstr.) **(Rus)**

[Effectiveness of scleroplasty in myopia] Lemziakov GG, et al. **Oftalmol Zh** 1984;(8):460–3 (Eng. Abstr.) **(Rus)**

[Intralamellar reinforcement of the sclera in high myopia complicated by hemorrhage and transudative macular dystrophy] Panfilov NI. **Oftalmol Zh** 1984;(8):467–8 (Eng. Abstr.) **(Rus)**

[Results of scleroplastic operations in progressive myopia using biological tissues preserved in carbon dioxide] Sutiagina OV, et al. **Oftalmol Zh** 1984;(8):465–7 (Eng. Abstr.) **(Rus)**

[Brephoscleroplasty in progressive myopia] Zaĭkova MV, et al. **Oftalmol Zh** 1984;(8):463–5 (Eng. Abstr.) **(Rus)**

[Combined operations in retinal detachment including episcleral implantation of scleral tissue in patients with high myopia] Sergienko NM, et al. **Vestn Oftalmol** 1984 Nov–Dec;(6):30–3 (Eng. Abstr.) **(Rus)**

[Posterior scleroplasty in the treatment of severe progressive myopia] Izák M, et al. **Cesk Oftalmol** 1984 Sep;40(5):311–20 (Eng. Abstr.) **(Slo)**

ULTRASTRUCTURE

Microscopical studies of necrotising scleritis. II. Collagen degradation in the scleral stroma. Young RD, et al. **Br J Ophthalmol** 1984 Nov;68(11):781–9

The ultrastructural organization of proteoglycans and collagen in human and rabbit scleral matrix. Young RD. **J Cell Sci** 1985 Mar;74:95–104

[Collagen architecture of the lamina cribrosa of the human eye in glaucoma and severe myopia] Kuběna K, et al. **Cesk Oftalmol** 1984 Jun;40(2–3):73–8 (Eng. Abstr.) **(Cze)**

SCLERAL BUCKLING

Scleral buckling for retinal detachment in patients with retinoblastoma. Buzney SM, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):473–7

Vitrectomy without scleral buckling for primary rhegmatogenous retinal detachment. Escoffery RF, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):275–81

Silicone oil and its influence on electrophysiologic findings. Foerster MH, et al. **Am J Ophthalmol** 1985 Feb 15; 99(2):201–6

A new polyvinyl alcohol hydrogel as a scleral buckling material. Kim SY, et al. **Am J Ophthalmol** 1985 Aug 15; 100(2):328–30

The pathophysiology of proliferative vitreoretinopathy in its management. Ryan SJ. **Am J Ophthalmol** 1985 Jul 15; 100(1):188–93

Biomicroscopic study of the vitreous in eyes with macular pucker after retinal detachment surgery. Avila MP, et al. **Ann Ophthalmol** 1985 Jul;17(7):403–10

An ultrasonographic study of choroidal indentation height after scleral buckling with lyophylized human tissues. Jean-Louis B, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;222(3):158–61

Postoperative subretinal neovascular membrane at the drain site of a scleral buckle. Holland PM. **Ophthalmic Surg** 1985 Mar;16(3):174–7

Retinal detachment following the acute retinal necrosis syndrome. Clarkson JG, et al. **Ophthalmology** 1984 Dec; 91(12):1665–8

Severe proliferative vitreoretinopathy and retinal detachment. I. Initial clinical findings. Ho PC, et al. **Ophthalmology** 1984 Dec;91(12):1531–7

The treatment of advanced retinopathy of prematurity by cryotherapy and scleral buckling surgery. Topilow HW, et al. **Ophthalmology** 1985 Mar;92(3):379–87

Severe proliferative vitreoretinopathy and retinal detachment. II. Surgical results with scleral buckling. Yoshida A, et al. **Ophthalmology** 1984 Dec;91(12):1538–43

Pseudophakic retinal detachments. Wilkinson CP. **Retina** 1985 Winter–Spring;5(1):1–4

[Factors influencing absorption of subretinal fluid after explant buckling] Shi DX. **Chung Hua Yen Ko Tsa Chih** 1984 Mar;20(2):84–6 **(Chi)**

ADVERSE EFFECTS

Retinal angiomatous mass. A complication of retinal detachment surgery. Gottlieb F, et al. **Retina** 1984 Summer–Fall;4(3):152–7

[Endophthalmitis—a complication following the scleral buckling operation] Wang JZ. **Chung Hua Yen Ko Tsa Chih** 1984 Nov;20(6):347–8 **(Chi)**

[Analysis of complications of the surgical treatment of retinal detachment] Andrzejewska W, et al. **Klin Oczna** 1984 Dec; 86(12):533–5 (Eng. Abstr.) **(Pol)**

[Acute necrosis of the retina associated with retraction of the vitreous body. Complication of an operation for retinal detachment] Bartkowska-Orłowska M. **Klin Oczna** 1984 Dec;86(12):563–5 (Eng. Abstr.) **(Pol)**

[Complications of operations for retinal detachment with and without drainage of subretinal fluid] Bartkowska-Orłowska M, et al. **Klin Oczna** 1984 Dec;86(12):557–9 (Eng. Abstr.) **(Pol)**

[Intraocular hypertension as an intraoperative complication in retinal detachment] Bartkowska-Orłowska M. **Klin Oczna** 1985 Feb;87(2):61–2 (Eng. Abstr.) **(Pol)**

[Penetration of a cerclage suture into the eyeball in our cases 1979–1983] Biardzka B, et al. **Klin Oczna** 1984 Dec; 86(12):549–51 (Eng. Abstr.) **(Pol)**

[Penetration of the cerclage material into the eye after surgery--its diagnosis and prevention] Biardzka B. **Klin Oczna** 1984 Jul;86(7):313–5 (Eng. Abstr.) **(Pol)**

[Preoperative factors and complications of reoperation in retinal detachment] Bogacki S, et al. **Klin Oczna** 1984 Dec; 86(12):543–5 (Eng. Abstr.) **(Pol)**

[Relation between preoperative factors and complications of surgical treatment of retinal detachment. 1. Intraoperative complications] Bogacki S, et al. **Klin Oczna** 1984 Dec; 86(12):537–9 (Eng. Abstr.) **(Pol)**

[Relation between preoperative factors and complications of surgical treatment of retinal detachment. 2. Postoperative complications] Bogacki S, et al. **Klin Oczna** 1984 Dec; 86(12):540–2 (Eng. Abstr.) **(Pol)**

[Effect of postoperative complications on the durability of retinal apposition] Chrzanowska-Srzednicka K, et al. **Klin Oczna** 1984 Dec;86(12):567–9 (Eng. Abstr.) **(Pol)**

[The fate of the eye after an operation for retinal detachment with non-reapposed retina] Cieślińska K, et al. **Klin Oczna** 1985 Feb;87(2):63–5 (Eng. Abstr.) **(Pol)**

[Complications observed after cerclage of the eyeball in the surgical treatment of retinal detachment] Huszcza A, et al. **Klin Oczna** 1985 Feb;87(2):56–8 (Eng. Abstr.) **(Pol)**

[Complications of operations for retinal detachment using rubber and silicone sponge implants] Iwaszkiewicz E, et al. **Klin Oczna** 1984 Dec;86(12):555–6 (Eng. Abstr.) **(Pol)**

[Complications of surgical treatment of retinal detachment in forensic expert testimony] Mondelski S. **Klin Oczna** 1985 Feb;87(2):66–7 (Eng. Abstr.) **(Pol)**

[Factors causing intolerance to silicone implants] Myszka-Maćkowiakowa A, et al. **Klin Oczna** 1985 Feb; 87(2):59–60 (Eng. Abstr.) **(Pol)**

[Complications after total drainage of subretinal fluid] Stankiewicz A. **Klin Oczna** 1984 Dec;86(12):561–2 (Eng. Abstr.) **(Pol)**

[Complications of intra- and extrascleral silicone implants] Stankiewicz A, et al. **Klin Oczna** 1984 Dec;86(12):553–4 (Eng. Abstr.) **(Pol)**

[Complications of the surgical treatment of retinal detachment. Analysis of clinical data 1977–1983] Starzycka M. **Klin Oczna** 1984 Dec;86(12):529–31 (Eng. Abstr.) **(Pol)**

[Causes of failure of the surgical treatment of retinal detachment. Analysis of 100 cases] Starzycka M, et al. **Klin Oczna** 1984 May;86(5):205–7 (Eng. Abstr.) **(Pol)**

[Complications of cerclage of the eyeball] Szwarcowa C, et al. **Klin Oczna** 1984 Dec;86(12):547–8 (Eng. Abstr.) **(Pol)**

INSTRUMENTATION

A shorter scleral needle. May DR. **Retina** 1984 Summer–Fall; 4(3):200–1

[Transscleral magnetic fixation of the retina in complicated retinal detachment. A preliminary report of our experiences] Eckardt C, et al. **Klin Monatsbl Augenheilkd** 1984 Oct;185(4):296–8 (Eng. Abstr.) **(Ger)**

[Experimental studies on the usefulness of absorbable sutures used in cerclage operations. 1. Clinical observations] Biardzka B. **Klin Oczna** 1984 Aug;86(8):331–3 (Eng. Abstr.) **(Pol)**

[Experimental studies on the usefulness of absorbable sutures used in cerclage operations. 2. Macroscopic and histological evaluation] Biardzka B. **Klin Oczna** 1984 Aug; 86(8):335–7 (Eng. Abstr.) **(Pol)**

[Experimental cerclage of the rabbit eye during its growth period] Kałużny J, et al. **Klin Oczna** 1985 Feb;87(2):49–51

(Eng. Abstr.) (Pol)

[Scleral buckling using silicone sponge in children and adolescents] Koraszewska-Matuszewska B, et al. **Klin Oczna** 1984 Jul;86(7):317-9 (Eng. Abstr.) (Pol)

[Surgical treatment of idiopathic retinal detachment by temporary balloon scleral buckling] Walther A, et al. **Klin Oczna** 1985 Feb;87(2):71-2 (Eng. Abstr.) (Pol)

[Cerclage with a silicone band as the method of choice in the treatment of severe forms of retinal detachment] Zygulska-Machowa H, et al. **Klin Oczna** 1985 Feb; 87(2):73-5 (Eng. Abstr.) (Pol)

METHODS

Preoperative antibiotic soaking of silicone sponges. Does it make a difference? Arribas NP, et al. **Ophthalmology** 1984 Dec;91(12):1684-9

Hydrogel implant for scleral buckling. Long-term observations. Tolentino FI, et al. **Retina** 1985 Winter-Spring;5(1):38-41

[On the causes of extrusion of episcleral silicone implants following retinal detachment surgery] Fu SJ. **Chung Hua Yen Ko Tsa Chih** 1985 Jan;21(1):44-5 (Chi)

[Circling operation with fascia lata strips in retinal detachment] Xia XM. **Chung Hua Yen Ko Tsa Chih** 1985 Jan;21(1):46-8 (Chi)

[Preserved sclera as buckling material for the treatment of retinal detachment--report of 53 cases] Yang PL. **Chung Hua Yen Ko Tsa Chih** 1984 Mar;20(2):81-3 (Chi)

[Treatment of retinal detachment by silicone implant and banding. First results in 199 records analyzed by computer] Ravault MP, et al. **Bull Soc Ophtalmol Fr** 1984 Feb; 84(2):165-9 (Eng. Abstr.) (Fre)

[Diascleral infrared coagulation of the retina?] Lund OE. **Fortschr Ophthalmol** 1984;81(5):472-3 (Eng. Abstr.) (Ger)

[Problems of operations for retinal detachment after the age of 65] Stankiewicz A, et al. **Klin Oczna** 1985 Feb;87(2):54-5 (Eng. Abstr.) (Pol)

[Results of the surgical treatment of retinal detachment in aphakic eyes] Starzycka M, et al. **Klin Oczna** 1984 May; 86(5):201-3 (Eng. Abstr.) (Pol)

[Combined operations in retinal detachment including episcleral implantation of scleral tissue in patients with high myopia] Sergienko NM, et al. **Vestn Oftalmol** 1984 Nov-Dec;(6):30-3 (Eng. Abstr.) (Rus)

SCLEREDEMA ADULTORUM

Scleredema adultorum. Carrington PR, et al. **Int J Dermatol** 1984 Oct;23(8):514-22 (39 ref.)

COMPLICATIONS

Scleredema and monoclonal gammopathy: report of two cases. Venencie PY, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):554-6

Scleredema adultorum. A case of the recurrent cellulitis syndrome. Verghese A, et al. **Arch Dermatol** 1984 Nov; 120(11):1518-9

Scleredema adultorum associated with localized myositis. Rubinstein A, et al. **Isr J Med Sci** 1984 Dec;20(12):1186-8

[Scleredema adultorum associated with diabetes mellitus] Aloi FG, et al. **G Ital Dermatol Venereol** 1984 Sep-Oct; 119(5):341-4 (Eng. Abstr.) (Ita)

SCLEREMA NEONATORUM

DIAGNOSIS

Panniculitis in infants [letter] Silverman AK. **Arch Dermatol** 1985 Jul;121(7):834

SCLERODERMA, CIRCUMSCRIBED

COMPLICATIONS

Eosinophilic fasciitis: a distinct entity? [letter] Yarom A, et al. **Am J Dis Child** 1985 Jan;139(1):8-9

Total hemiatrophy. Association with localized scleroderma, Schönlein-Henoch nephritis, and paroxysmal nocturnal hemoglobinuria. Kuto F, et al. **Arch Intern Med** 1985 Apr; 145(4):731-3

Perilimbal vascular anomaly associated with ipsilateral en coup de sabre morphoea. Taylor P, et al. **Br J Ophthalmol** 1985 Jan;69(1):60-2

Scleroderma presenting with multiple keloids. Akintewe TA, et al. **Br Med J [Clin Res]** 1985 Aug 17;291(6493):448-9

Coexistence of lichen sclerosus, morphea, and lichen planus. Report of four cases and review of the literature. Connelly MG, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):844-51

Focal scleroderma affecting the hand. Case report. Floyd WE 3d, et al. **J Bone Joint Surg [Am]** 1985 Apr;67(4):637-9

[Hereditary sclerodactyly and syndactyly] Eubel R, et al. **Hautarzt** 1985 May;36(5):302-4 (Eng. Abstr.) (Ger)

[Circumscribed scleroderma combined with lichen sclerosus et atrophicus] Küchmeister B, et al. **Z Hautkr** 1985 Jan; 60(1-2):87-92 (Eng. Abstr.) (Ger)

[Considerations on a rare case of C.R.E.S.T. syndrome] Taricco MT, et al. **Minerva Med** 1984 Sep 8;75(34):1965-7 (Eng. Abstr.) (Ita)

[Generalized morphea: systemic aspects of a skin disease. Description of 12 cases and review of the literature] Bielsa I, et al. **Med Clin (Barc)** 1985 Jun 29;85(5):171-4 (Eng. Abstr.) (Spa)

DIAGNOSIS

Clinical and serologic expression of localized scleroderma. Case report and review of the literature. Piette WW, et al. **J Am Acad Dermatol** 1985 Aug;13(2 Pt 2):342-50

[Pseudoscleroderma and sclerodermiform states] Mauduit G, et al. **Ann Med Interne (Paris)** 1984;135(8):615-23 (Eng. Abstr.) (Fre)

[Cutaneomucous aspects of scleroderma] Texier L, et al. **Ann Med Interne (Paris)** 1984;135(8):580-3 (Fre)

[Eosinophilic fasciitis. 1. Clinical study] Hamm G, et al. **Dermatol Monatsschr** 1984;170(12):753-7 (Eng. Abstr.) (Ger)

[Scleroderma-like form of porphyria cutanea tarda] Fedorov SM, et al. **Vestn Dermatol Venerol** 1985 May;(5):47-9 (Eng. Abstr.) (Rus)

DRUG THERAPY

[Scleroderma and esophageal changes: treatment and instrumental control] Altomare GF, et al. **G Ital Dermatol Venereol** 1984 Jul-Aug;119(4):263-6 (Eng. Abstr.) (Ita)

[Results of long-term heparin treatment of patients with acroscleroderma] Chodorowska G. **Wiad Lek** 1984 Nov 15;37(22):1765-9 (Eng. Abstr.) (Pol)

ETIOLOGY

Do workers in the manufacturing industry run an increased risk of getting scleroderma? [letter] Sverdrup B. **Int J Dermatol** 1984 Nov;23(9):629

IMMUNOLOGY

Autoantibodies in childhood scleroderma. Bernstein RM, et al. **Ann Rheum Dis** 1985 Aug;44(8):503-6

High titers of antibodies to single-stranded DNA in linear scleroderma. Falanga V, et al. **Arch Dermatol** 1985 Mar; 121(3):345-7

Chronic graft-versus-host disease as a model for scleroderma. II. Mast cell depletion with deposition of immunoglobulins in the skin and fibrosis. Claman HN, et al. **Cell Immunol** 1985 Aug;94(1):73-84

The anticentromere antibody: disease specificity and clinical significance. Powell FC, et al. **Mayo Clin Proc** 1984 Oct; 59(10):700-6

[Association of HLA antigens with scleroderma] Kühnl P, et al. **Z Hautkr** 1985 Jun 1;60(11):866-8 (Eng. Abstr.) (Ger)

[In vivo study of cellular immunity in patients with scleroderma] Olszewska Z, et al. **Przegl Dermatol** 1984 Jul-Aug;71(4):317-25 (Eng. Abstr.) (Pol)

METABOLISM

Collagen metabolites in urine in localized scleroderma (morphoea). Ammitzbøll T, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):534-7

Glycosaminoglycans in localized scleroderma (morphoea). Møller R, et al. **Connect Tissue Res** 1985;13(3):227-36

[Glycosaminoglycans in localized scleroderma] Møller R, et al. **Ugeskr Laeger** 1984 May 28;146(22):1625-7 (Eng. Abstr.) (Dan)

MICROBIOLOGY

Is localised scleroderma a Borrelia infection? [letter] Aberer E, et al. **Lancet** 1985 Aug 3;2(8449):278

PATHOLOGY

Vascular changes in morphea. Kobayasi T, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):116-20

Diffuse fasciitis with eosinophilia associated with morphea and lichen sclerosus et atrophicus. Mensing H, et al. **Acta Derm Venereol (Stockh)** 1985;65(1):80-3

Clinical appearance of skin lesions and disturbances of pigmentation in localized scleroderma. Serup J. **Acta Derm Venereol (Stockh)** 1984;64(6):485-92

Lichen sclerosus et atrophicus is not related to morphea. A clinical and histologic study of 24 patients in whom both conditions were reputed to be present simultaneously. Patterson JA, et al. **Am J Dermatopathol** 1984 Aug; 6(4):323-35

Epidermal thickness in systemic sclerosis and morphoea. Morley SM, et al. **Clin Exp Dermatol** 1985 Jan;10(1):51-7

B-cell markers in malignant B-cell lymphoma with scleroderma-like manifestation. Van Joost T, et al. **J Cutan Pathol** 1984 Dec;11(6):495-500

[Ultrastructural histopathology of scleroderma] Kobayasi T, et al. **Ugeskr Laeger** 1984 May 28;146(22):1617-9 (Eng. Abstr.) (Dan)

[Sclerodermiform lesions in Lobstein's disease] Duterque M, et al. **Ann Dermatol Venereol** 1984;111(8):685-6 (Fre)

[Connective tissue compartments in scleroderma. Study of the structure and the biomechanical properties] Pierard GE, et al. **Dermatologica** 1985;170(3):105-13 (Eng. Abstr.) (Fre)

[Eosinophilic fasciitis. 2. Clinical study] Hamm G, et al. **Dermatol Monatsschr** 1984;170(12):758-64 (Eng. Abstr.) (Ger)

[Dermatofibrosis lenticularis disseminata with osteopoikilosis (Buschke-Ollendorff syndrome)] Tausch I, et al. **Dermatol Monatsschr** 1984;170(5):322-31 (Eng. Abstr.) (Ger)

[Fasciitis eosinophilica--transition to an unusual scleroderma (scleroderma-fasciitis)] Jablonska S, et al. **Z Hautkr** 1984 Jun 1;59(11):711-21 (Eng. Abstr.) (Ger)

[Argyrophilic fibers of the skin in acroscleroderma before and after treatment with heparin] Chodorowska G. **Przegl Dermatol** 1984 Nov-Dec;71(6):573-80 (Eng. Abstr.) (Pol)

PHYSIOPATHOLOGY

Blood flow of morphoea plaques as measured by laser-Doppler flowmetry. Serup J, et al. **Arch Dermatol Res** 1984;276(5):322-5

Comparative esophageal and anorectal motility in scleroderma. Hamel-Roy J, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):1-7

Skin elasticity in localized scleroderma (morphoea). Introduction of a biaxial in vivo method for measurement of tensile distensibility, hysteresis, and resilient distension of diseased and normal skin. Serup J, et al. **J Dermatol (Tokyo)** 1985 Feb;12(1):52-62

Localized scleroderma (morphoea): studies of eccrine gland function and skin microtopography. Serup J. **J Dermatol (Tokyo)** 1984 Jun;11(3):269-76

RADIOGRAPHY

[Buschke-Ollendorff syndrome--combination of dermatofibrosis lenticularis disseminata with osteopoikilosis] Loreck D, et al. **Radiol Diagn (Berl)** 1984; 25(3):283-91 (Eng. Abstr.) (Ger)

RADIOTHERAPY

[Skin repigmentation after laser therapy] Mandel' ASh. **Vestn Dermatol Venerol** 1984 Sep;(9):26-9 (Eng. Abstr.) (Rus)

THERAPY

Carnitine balance and effects of intravenous L-carnitine in two patients receiving long-term total parenteral nutrition. Worthley LI, et al. **JPEN** 1984 Nov-Dec;8(6):717-9

[Prognosis and treatment of scleroderma] Crickx B, et al. **Ann Med Interne (Paris)** 1984;135(8):624-9 (Eng. Abstr.) (Fre)

SCLERODERMA, SYSTEMIC

Anaesthesia and scleroderma [letter] Sweeney B. **Anaesthesia** 1984 Nov;39(11):1145

Systemic sclerosis. The Watson Smith Lecture 1984. Rowell NR. **J R Coll Physicians Lond** 1985 Jan;19(1):23-30

Systemic lupus erythematosus and systemic sclerosis. Ziegler GC. **Nurs Clin North Am** 1984 Dec;19(4):673-95 (25 ref.)

[Generalized scleroderma and the digestive system] Leport J, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Dec; 20(6):375-9 (44 ref.) (Fre)

BLOOD

Zinc and zinc-dependent enzymes in penicillamine-treated patients with generalized scleroderma. Jepsen LV, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):424-7

Raised serum hyaluronate levels in scleroderma: an effect of growth factor induced activation of connective tissue cells? Engström-Laurent A, et al. **Ann Rheum Dis** 1985 Sep;44(9):614-20

Plasma or serum from patients with systemic sclerosis alters behaviour of normal erythrocytes. Kovacs IB, et al. **Ann Rheum Dis** 1985 Jun;44(6):395-8

Abnormal calcium and magnesium stores in erythrocytes and granulocytes from patients with inflammatory connective tissue diseases. Relationship to inflammatory activity and effect of corticosteroid therapy. Hällgren R, et al. **Arthritis Rheum** 1985 Feb;28(2):169-73

Effects of verapamil on calcium-induced rigidity and on filterability of red blood cells from healthy volunteers and patients with progressive systemic sclerosis. Sowemimo-Coker SO, et al. **Br J Clin Pharmacol** 1985 Jun;19(6):731-7

'Normal' acute phase response in systemic sclerosis. Chellingsworth M, et al. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):946-7

Serotonin induced platelet aggregation in systemic sclerosis. Friedhoff LT, et al. **Clin Exp Rheumatol** 1984 Apr-Jun; 2(2):119-23

Perturbation of fibrinolysis inhibitors in progressive systemic sclerosis. Rothschild B, et al. **Med Hypotheses** 1985 Mar; 16(3):253-60

Increased prostacyclin metabolites and decreased red cell deformability in patients with systemic sclerosis and Raynaud's syndrome. Belch JJ, et al. **Prostaglandins Leukotrienes Med** 1985 Jun;18(3):401-2

Failure of sera from patients with scleroderma to exhibit cytotoxicity towards human umbilical vein endothelial cells. Summers GD, et al. **Rheumatol Int** 1984;5(1):9-13

[Comparison of the oxyhemoglobin dissociation curve in various pathological forms] Pacia A. **Arch Monaldi** 1984 Jan-Apr;39(1-2):45-52 (Eng. Abstr.) (Ita)

[Growth suppression of endothelial cells of the guinea pig aorta by the sera of patients with progressive systemic sclerosis] Kobayashi Y, et al.

Nippon Hifuka Gakkai Zasshi 1984 Dec;94(14):1639–41 **(Jpn)**

COMPLICATIONS

Paroxysmal dysarthria and Raynaud's phenomenon in the tongue. Nielsen HV, et al. **Acta Med Scand** 1984; 216(4):431–2

Dysplastic Barrett's esophagus in scleroderma. Sprung DJ, et al. **Am J Gastroenterol** 1985 Jul;80(7):518–22

Transverse myelopathy in progressive systemic sclerosis [letter] Brown JJ, et al. **Ann Neurol** 1985 Jun;17(6):615–7

Clinical and serological comparison of 17 chronic progressive systemic sclerosis (PSS) and 17 CREST syndrome patients matched for sex, age, and disease duration. Furst DE, et al. **Ann Rheum Dis** 1984 Dec;43(6):794–801

Sclerodactyly in a patient with mycosis fungoides. Wei N, et al. **Arch Intern Med** 1985 Jan;145(1):139–40

Pregnancy and systemic sclerosis [letter] Giordano M, et al. **Arthritis Rheum** 1985 Feb;28(2):237–8

Decreased coronary reserve in primary scleroderma myocardial disease. Kahan A, et al. **Arthritis Rheum** 1985 Jun;28(6):637–46

Digital ulcerations in systemic sclerosis [letter] O'Hanlon DP. **Arthritis Rheum** 1984 Nov;27(11):1314

Wrist drop in progressive systemic sclerosis (scleroderma): complete rupture of the extensor tendon mechanism. Rosenbaum LH, et al. **Arthritis Rheum** 1985 May; 28(5):586–9

Interstitial lung disease in scleroderma. Analysis by bronchoalveolar lavage. Silver RM, et al. **Arthritis Rheum** 1984 Nov;27(11):1254–62

Double-blind, multicenter controlled trial comparing topical dimethyl sulfoxide and normal saline for treatment of hand ulcers in patients with systemic sclerosis. Williams HJ, et al. **Arthritis Rheum** 1985 Mar;28(3):308–14

A case of sclerodermatomyositis with cutaneous amyloidosis. Orihara T, et al. **Br J Dermatol** 1985 Feb;112(2):213–9

Treatment of Raynaud's phenomenon with ketanserin [letter] Cox NH, et al. **Br Med J [Clin Res]** 1984 Oct 20; 289(6451):1078–9

Rectal prolapse in scleroderma: case report and review of the colonic complications of scleroderma. D'Angelo G, et al. **Can J Surg** 1985 Jan;28(1):62–3

Pregnancy and progressive systemic sclerosis. Case report and review of the literature. Scarpinato L, et al. **Cleve Clin Q** 1985 Summer;52(2):207–11

Jaccoud's arthropathy in scleroderma. Bradley JD, et al. **Clin Exp Rheumatol** 1984 Oct–Dec;2(4):337–40

Progressive systemic sclerosis, immunosuppression and necrotising arteritis: cause or effect? Chellingsworth M, et al. **Clin Rheumatol** 1985 Jun;4(2):189–91

Polymyositis associated with several immunological disorders. Vilppula AH, et al. **Clin Rheumatol** 1984 Dec; 3(4):533–9

Scleroderma heart disease. Andrias CW. **Conn Med** 1985 Apr; 49(4):214–8

Facial hemiatrophy in a patient with systemic scleroderma. Nomura K, et al. **Dermatologica** 1984;169(2):91–2

Systemic sclerosis (scleroderma) and esophageal adenocarcinoma: Is increased patient screening necessary? Segel MC, et al. **Gastroenterology** 1985 Sep;89(3):485–8

Digital gangrene in a heavy smoker. Kwan LW, et al. **Hosp Pract [Off]** 1984 Oct;19(10):261–2

Nifedipine in scleroderma ulcerations. Woo TY, et al. **Int J Dermatol** 1984 Dec;23(10):678–80

Scleroderma, keratoconjunctivitis sicca, and soft contact lens treatment. Bourgeois JA. **J Am Optom Assoc** 1984 Aug; 55(8):581–5

Systemic sclerosis presenting with cardiomyopathy and bifascicular block. Misra HB, et al. **J Assoc Physicians India** 1984 Aug;32(8):749–50

Behavioral treatment of Raynaud's phenomenon in scleroderma. Freedman RR, et al. **J Behav Med** 1984 Dec; 7(4):343–53

Alimentary involvement in progressive systemic sclerosis. Pimparkar AB, et al. **J Indian Med Assoc** 1985 Jan; 83(1):18–20

Neuropathic arthropathy (Charcot joints) due to cervical osteolysis: a complication of progressive systemic sclerosis. Clement GB, et al. **J Rheumatol** 1984 Aug;11(4):545–8

Neurological manifestations in systemic sclerosis (scleroderma). Lee P, et al. **J Rheumatol** 1984 Aug; 11(4):480–3

Systemic scleroderma and small cell carcinoma of the lung. Sarma DP, et al. **J Surg Oncol** 1985 May;29(1):28–30

B cell malignant lymphoma in a patient with progressive systemic sclerosis and Sjögren's syndrome. Report of a case and review of the literature. Sugai S, et al. **Jpn J Med** 1985 May;24(2):155–63

Deterioration of renal function in hypertensive patients with scleroderma despite blood pressure normalization with captopril. Waeber B, et al. **Klin Wochenschr** 1984 Aug 1; 62(15):728–30

Continuous ambulatory peritoneal dialysis and scleroderma. Copley JB, et al. **Nephron** 1985;40(3):353–6

Non-invasive assessment of early cardiac involvement in systemic sclerosis. Butrous GS, et al. **Postgrad Med J** 1985 Aug;61(718):679–84

The CREST syndrome––successful reduction of pulmonary hypertension by captopril. Prouse PJ, et al. **Postgrad Med J** 1984 Oct;60(708):672–4

An overlap of diffuse fasciitis with eosinophilia and

scleroderma. Drosos AA, et al. **Rheumatol Int** 1984; 4(4):187–9

Pulmonary hypertension, hypoxemia, and death in a patient with scleroderma. Servi RJ, et al. **South Med J** 1985 Jun; 78(6):739–41

Epistaxis secondary to Crest syndrome: a case report. Chen DA, et al. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter;37(2):194–5

[Allergic encephalopathy in scleroderma: a case report] Zhang ZX. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Apr; 18(2):111–3 (Eng. Abstr.) **(Chi)**

[Lymphocytic interstitial pneumonia in Gougerot–Sjögren syndrome with scleroderma] Allard P, et al. **Ann Med Interne (Paris)** 1984;135(6):431–4 (Eng. Abstr.) **(Fre)**

[Scleroderma and pregnancy. New case and review of the literature] Challan-Belval P, et al. **Ann Med Interne (Paris)** 1984;135(6):435–9 (Eng. Abstr.) **(Fre)**

[Visceral scleroderma] Chomette G, et al. **Ann Med Interne (Paris)** 1984;135(8):606–10 (Eng. Abstr.) **(Fre)**

[Digestive localizations of scleroderma] Modigliani R. **Ann Med Interne (Paris)** 1984;135(8):601–5 (Eng. Abstr.) **(Fre)**

[Renal involvement in scleroderma] Richet G, et al. **Ann Med Interne (Paris)** 1984;135(8):594–600 (Eng. Abstr.) **(Fre)**

[Regenerative nodular hyperplasia in scleroderma : a new case (letter)] Friguet JL, et al. **Gastroenterol Clin Biol** 1984 Dec;8(12):979 **(Fre)**

[Retroperitoneal fibrosis and generalized scleroderma] Cochat P, et al. **Nephrologie** 1985;6(1):27–30 (Eng. Abstr.) **(Fre)**

[A case of scleroderma with sclerodermic renal crisis and association with the Vogt–Koyanagi–Harada syndrome] Cavalli C, et al. **Presse Med** 1985 May 18;14(20):1131–4 (Eng. Abstr.) **(Fre)**

[Trigeminal neuropathy disclosing systemic scleroderma (letter)] Ferroir JP, et al. **Presse Med** 1984 Oct 6; 13(35):2153 **(Fre)**

[Cardiovascular involvement in scleroderma] Baklouti N, et al. **Tunis Med** 1984 Dec;62(8):565–70 (Eng. Abstr.) **(Fre)**

[Treatment of Raynaud's phenomenon in scleroderma with a new stable prostacyclin derivative] Keller J, et al. **Dtsch Med Wochenschr** 1984 Sep 21;109(38):1433–8 (Eng. Abstr.) **(Ger)**

[Development of a squamous cell carcinoma in generalized morphea] Laux B, et al. **Z Hautkr** 1985 May 15; 60(10):767–8, 771–3 (Eng. Abstr.) **(Ger)**

[Round table: Scleroderma and esophageal changes] Abbati A, et al. **G Ital Dermatol Venereol** 1984 Jul–Aug; 119(4):233–61 (Eng. Abstr.) **(Ita)**

[Significance of esophageal lesions as early manifestations of progressive systemic sclerosis] Altomare GF, et al. **G Ital Dermatol Venereol** 1985 Jan–Feb;120(1):35–8 (Eng. Abstr.) **(Ita)**

[Porphyria cutaneous tarda sclerodermiforme with cutaneous calcinosis] Barba A, et al. **G Ital Dermatol Venereol** 1985 Jan–Feb;120(1):83–5 (Eng. Abstr.) **(Ita)**

[A case of systemic sclerosis in childhood complicated by severe digital ulcers] Falcini F, et al. **Pediatr Med Chir** 1984 Sep–Oct;6(5):703–7 (Eng. Abstr.) **(Ita)**

[Myasthenia gravis induced by D-penicillamine in a patient with progressive systemic sclerosis] Marchiori PE, et al. **Arq Neuropsiquiatr** 1984 Dec;42(4):380–3 (Eng. Abstr.) **(Por)**

[Diffuse connective tissue diseases and malignant tumors] Nasonova VA, et al. **Klin Med (Mosk)** 1985 Feb;63(2):33–42 (Eng. Abstr.) **(Rus)**

[Systemic scleroderma and pregnancy] Guseva NG, et al. **Revmatologiia (Moskva)** 1984 Oct–Dec;(4):19–24 **(Rus)**

[Cardiorespiratory involvement in progressive systemic sclerosis] García de Castro J, et al. **Rev Clin Esp** 1984 Jul 15–31;174(1–2):45–7 (Eng. Abstr.) **(Spa)**

[Articular manifestations in systemic progressive sclerosis] Messina OD, et al. **Rev Clin Esp** 1985 Apr;176(7):354–5 (Eng. Abstr.) **(Spa)**

[Buschke's scleroderma and monoclonal gammapathy] San Román Lazcano FJ, et al. **Rev Clin Esp** 1984 Dec 15–31; 175(5–6):245–7 **(Spa)**

DIAGNOSIS

The CREST acronym and some related problems [letter] Giordano M. **Arthritis Rheum** 1985 Mar;28(3):359

Pulmonary involvement in systemic sclerosis (scleroderma). Steen VD, et al. **Arthritis Rheum** 1985 Jul;28(7):759–67

Juvenile progressive systemic sclerosis: clinical and serologic findings. Suárez–Almazor ME, et al. **Arthritis Rheum** 1985 Jun;28(6):699–702

Clinical profiles of patients with antibodies to nuclear ribonucleoprotein. Calderon J, et al. **Clin Rheumatol** 1984 Dec;3(4):483–92

Ring size measurement of the digits in females suffering from generalized scleroderma (acrosclerosis). A simple method to quantify skin and soft tissue affection. Serup J. **Dermatologica** 1985;171(1):41–4

Antinuclear antibodies (ANA). How useful is the ANA test today? Burnham TK. **Int J Dermatol** 1985 Jan–Feb; 24(1):41–4 (20 ref.)

Juvenile onset systemic sclerosis. Burge SM, et al. **J R Soc Med** 1984 Sep;77(9):793–4

[Pseudoscleroderma and sclerodermiform states] Mauduit G, et al. **Ann Med Interne (Paris)** 1984;135(8):615–23 (Eng. Abstr.) **(Fre)**

[What can be expected of biological tests in scleroderma?] Meyer O. **Ann Med Interne (Paris)** 1984;135(8):584–90 (Eng. Abstr.) **(Fre)**

[Cutaneomucous aspects of scleroderma] Texier L, et al. **Ann Med Interne (Paris)** 1984;135(8):580–3 **(Fre)**

[Myositis disclosing systemic scleroderma] Leys D, et al. **Rev Neurol (Paris)** 1984;140(11):670–2 (Eng. Abstr.) **(Fre)**

[Is scleroderma without silicosis also an occupational disease?] Mehlhorn J. **Z Erkr Atmungsorgane** 1984; 163(1):65–9 (Eng. Abstr.) **(Ger)**

[Telangiectasias in progressive systemic sclerosis (generalized scleroderma). Observation on 120 cases] Vatti M, et al. **Z Rheumatol** 1984 Jul–Aug;43(4):171–4 (Eng. Abstr.) **(Ger)**

[Esophago–gastro–enteric manifestations of scleroderma. Apropos of a clinical case] Modena S, et al. **Chir Ital** 1983 Apr;35(2):216–20 (Eng. Abstr.) **(Ita)**

[Antinuclear antibodies and clinical signs in systemic scleroderma––relationship to score diagnosis] Takehara K, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Feb;95(2):135–40 **(Jpn)**

[Revised diagnostic criteria for progressive systemic sclerosis] Ishikawa H. **Ryumachi** 1984 Jun;24(3):198–203 **(Jpn)**

[Cardiac involvement in a patient with systemic scleroderma] Shcherbatkin DD, et al. **Kardiologiia** 1984 Aug;24(8):108–9 **(Rus)**

[Characteristics of the clinical course of systemic scleroderma] Iashchenko OB. **Vrach Delo** 1984 Sep; (9):88–92 (Eng. Abstr.) **(Rus)**

[Raynaud's phenomenon and anti–centromeric antibodies (letter)] Marquet R, et al. **Med Clin (Barc)** 1984 Jun 16; 83(3):129–30 **(Spa)**

[Capillary microscopy of the nail fold in Raynaud's phenomenon. Use in the early diagnosis of scleroderma] Rivera Redondo J, et al. **Rev Clin Esp** 1985 Jun;177(1):7–10 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Sustained benefit of verapamil in pulmonary hypertension with progressive systemic sclerosis. O'Brien JT, et al. **Am Heart J** 1985 Feb;109(2):380–2

Isotretinoin therapy for progressive systemic sclerosis [letter] Bahmer FA, et al. **Arch Dermatol** 1985 Mar;121(3):308

Inhibition of platelet aggregation by a new stable prostacyclin introduced in therapy of patients with progressive scleroderma. Keller J, et al. **Arch Dermatol Res** 1985; 277(4):323–5

Trial of platelet–inhibiting drug in scleroderma. Double–blind study with dipyridamole and aspirin. Beckett VL, et al. **Arthritis Rheum** 1984 Oct;27(10):1137–43

Nifedipine and esophageal dysfunction in progressive systemic sclerosis. A controlled manometric study. Kahan A, et al. **Arthritis Rheum** 1985 May;28(5):490–5

The effect of D–penicillamine on pulmonary findings in systemic sclerosis. Steen VD, et al. **Arthritis Rheum** 1985 Aug;28(8):882–8

Treatment of progressive systemic sclerosis (PSS) with cyclofenil [letter] Corrocher R, et al. **Clin Exp Rheumatol** 1983 Oct–Dec;1(4):359–60

Successful treatment of the crisis of scleroderma with enalapril maleate (MK–421). Ogawa K, et al. **Tohoku J Exp Med** 1984 Dec;144(4):433–4

[Therapeutic trial with fucidin in systemic scleroderma] Rubisz–Brzezińska J, et al. **Z Hautkr** 1984 Dec 1; 59(23):1611–9 (Eng. Abstr.) **(Ger)**

[Do we treat systemic sclerosis (progressive scleroderma) for too short a period?] Steigleder GK. **Z Hautkr** 1984 Aug 15;59(16):1051–2 **(Ger)**

[Therapeutic results with the aromatic retinoid (Tigason) in Sharp syndrome and progressive scleroderma] Uhlmann A, et al. **Z Hautkr** 1985 May 15;60(10):774–6, 779–82 (Eng. Abstr.) **(Ger)**

[Scleroderma and esophageal changes: treatment and instrumental control] Altomare GF, et al. **G Ital Dermatol Venereol** 1984 Jul–Aug;119(4):263–6 (Eng. Abstr.) **(Ita)**

[Corinfar in the treatment of Raynaud's syndrome in systemic scleroderma (preliminary results)] Shcherbakov AB, et al. **Ter Arkh** 1985;57(5):141–4 (Eng. Abstr.) **(Rus)**

[Sympatholytic effect of intra–arterial reserpine in sclerodermia and Raynaud's disease] Acevedo A, et al. **Rev Med Chil** 1984 Jun;112(6):553–8 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Systemic sclerosis, aplastic anemia and amyloidosis associated with lung carcinoma [letter] Focan C, et al. **Acta Clin Belg** 1985;40(3):204–5

Bullous sclerodermalike changes in chronic graft–vs–host disease. Hymes SR, et al. **Arch Dermatol** 1985 Sep; 121(9):1189–92

Toxic oil syndrome, scleroderma, and eosinophilic fasciitis [letter] Posada de la Paz M, et al. **Arthritis Rheum** 1984 Oct;27(10):1200

A case of scleroderma with Sjögren's syndrome developed after mammoplasty. Nobunaga M, et al. **Clin Rheumatol**

1984 Sep;3(3):375-9
Environmentally induced systemic sclerosis-like disorders. Haustein UF, et al. **Int J Dermatol** 1985 Apr;24(3):147-51 (51 ref.)
Do workers in the manufacturing industry run an increased risk of getting scleroderma? [letter] Sverdrup B. **Int J Dermatol** 1984 Nov;23(9):629
A case of scleroderma associated with pituitary tumor. Kohchiyama A, et al. **J Dermatol (Tokyo)** 1984 Oct; 11(5):460-4
Pathogenesis of scleroderma: the interrelationship of the immune and vascular hypotheses. Sternberg EM. **Surv Immunol Res** 1985;4(1):69-80 (102 ref.)

FAMILIAL & GENETIC

Conjugal progressive systemic sclerosis (scleroderma): report of the disease in husband and wife. Christy WC, et al. **Arthritis Rheum** 1984 Oct;27(10):1180-2
Familial occurrence of dermatomyositis and progressive scleroderma after injection of a local anaesthetic for dental treatment. Rose T, et al. **Eur J Pediatr** 1985 Jan; 143(3):225-8

IMMUNOLOGY

Association between fluorescent antinuclear antibodies, capillary patterns, and clinical features in scleroderma spectrum disorders. Chen ZY, et al. **Am J Med** 1984 Nov; 77(5):812-22
Autoantibodies in childhood scleroderma. Bernstein RM, et al. **Ann Rheum Dis** 1985 Aug;44(8):503-6
Serum immune complexes in systemic sclerosis: relationship with precipitating nuclear antibodies. French MA, et al. **Ann Rheum Dis** 1985 Feb;44(2):89-92
Characterisation of centromere (kinetochore) antigen reactive with sera of patients with a scleroderma variant (CREST syndrome). Nishikai M, et al. **Ann Rheum Dis** 1984 Dec;43(6):819-24
Anticentromere antibody and immunoglobulin allotypes in scleroderma. Chen ZY, et al. **Arch Dermatol** 1985 Mar; 121(3):339-44
Abnormal monocyte cytotoxicity and cyclic-AMP levels in systemic sclerosis. Herlin T, et al. **Arch Dermatol Res** 1984; 276(5):279-82
Autoantibodies in Argentine patients with systemic sclerosis (scleroderma) [letter] Catoggio LJ, et al. **Arthritis Rheum** 1985 Jun;28(6):715-7
Cellular immunity to collagen and laminin in scleroderma. Huffstutter JE, et al. **Arthritis Rheum** 1985 Jul;28(7):775-80
Nucleolar localization of the PM-Scl antigen. Targoff IN, et al. **Arthritis Rheum** 1985 Feb;28(2):226-30
Epidermal nuclear immunofluorescence: serological correlations supporting an in vivo reaction. Chen ZY, et al. **Br J Dermatol** 1985 Jan;112(1):15-22
Antinuclear antibodies in the relatives of patients with systemic sclerosis. Takehara K, et al. **Br J Dermatol** 1985 Jan;112(1):23-33
HLA antigens, autoantibodies and clinical subsets in scleroderma. Black CM, et al. **Br J Rheumatol** 1984 Nov; 23(4):267-71
Identification of a family of human centromere proteins using autoimmune sera from patients with scleroderma. Earnshaw WC, et al. **Chromosoma** 1985;91(3-4):313-21
Spontaneous production of, and defective response to, interleukin-1 by peripheral blood mononuclear cells from patients with scleroderma. Alcocer-Varela J, et al. **Clin Exp Immunol** 1985 Mar;59(3):666-72
Human anti-centromere sera recognise a 19.5 kD non-histone chromosomal protein from HeLa cells. Guldner HH, et al. **Clin Exp Immunol** 1984 Oct;58(1):13-20
Precipitating autoantibodies to mitochondrial proteins in progressive systemic sclerosis. Gupta RC, et al. **Clin Exp Immunol** 1984 Oct;58(1):68-76
Interleukin-1 production by mononuclear cells from patients with scleroderma. Sandborg CI, et al. **Clin Exp Immunol** 1985 May;60(2):294-302
Antilymphocyte antibodies in progressive systemic sclerosis. Labro MT, et al. **Clin Exp Rheumatol** 1983 Jan-Mar; 1(1):23-8
Vascular endothelial cell injury in progressive systemic sclerosis and other connective tissue diseases. Meyer O, et al. **Clin Exp Rheumatol** 1983 Jan-Mar;1(1):29-34
Lymphocytotoxins in progressive systemic sclerosis [letter] Pruzanski W. **Clin Exp Rheumatol** 1983 Jul-Sep;1(3):280-1
Antibodies to cardiac conducting tissue in progressive systemic sclerosis. Volta U, et al. **Clin Exp Rheumatol** 1985 Apr-Jun;3(2):131-5
Detection of antilymphocyte antibodies in patients with scleroderma using three different techniques. Labro MT, et al. **Clin Rheumatol** 1984 Dec;3(4):435-41
Circulating immune complexes in systemic scleroderma. Swierczynska Z, et al. **Immunol Commun** 1984;13(5):433-8
Cytotoxicity of sera from patients with scleroderma—effects on human endothelial cells and fibroblasts in culture. Fine RM. **Int J Dermatol** 1984 Sep;23(7):462
Evaluation of methods for detection of anticentromere antibodies and other antinuclear antibodies. Beutner EH, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):289-95
Immune complexes and antinuclear, antinucleolar, and anticentromere antibodies in scleroderma. Chen ZY, et al. **J Am Acad Dermatol** 1984 Sep;11(3):461-7
Scl-86, a marker antigen for diffuse scleroderma. van Venrooij WJ, et al. **J Clin Invest** 1985 Mar;75(3):1053-60
Association of anti-centromere and anti-Scl 70 antibodies in scleroderma. Report of two cases. Ruffatti A, et al. **J Clin Lab Immunol** 1985 Apr;16(4):227-9
An enzyme-linked immunosorbent assay for autoantibodies against the nuclear protein Scl-70. Geisler C, et al. **J Immunol Methods** 1985 Jun 25;80(2):211-9
Lymphokine/monokine inhibition of fibroblast proliferation and collagen production: role in progressive systemic sclerosis (PSS). Duncan MR, et al. **J Invest Dermatol** 1984 Nov;83(5):377-84
Clinical relevance of PM-1 antibody and physiochemical characterization of PM-1 antigen. Treadwell EL, et al. **J Rheumatol** 1984 Oct;11(5):658-62
Collagen antibodies in toxic oil disease [letter] Pereira RS, et al. **Lancet** 1985 Feb 2;1(8423):273
[Absolute and relative increase in Leu-11b+ cells in patients with systemic scleroderma (letter)] Valentini G, et al. **Presse Med** 1984 Dec 15;13(45):2763-4 **(Fre)**
[Abnormal HLA-DR antigen expression in monocytes of patients with systemic lupus erythematosus and psoriasis vulgaris] Volk HD, et al. **Dermatol Monatsschr** 1985; 171(5):308-11 (Eng. Abstr.) **(Ger)**
[Centromere antibodies and antibodies against Scl 70 nucleoprotein in progressive systemic scleroderma. Diagnostic and prognostic significance] Meurer M, et al. **Dtsch Med Wochenschr** 1985 Jan 4;110(1):8-14 (Eng. Abstr.) **(Ger)**
[Primary biliary cirrhosis and scleroderma: long-term benign course of a complex autoimmune disease] Pollak C, et al. **Leber Magen Darm** 1985 Mar;15(2):85-9 (Eng. Abstr.) **(Ger)**
[Association of HLA antigens with scleroderma] Kühnl P, et al. **Z Hautkr** 1985 Jun 1;60(11):866-8 (Eng. Abstr.) **(Ger)**
[Anti-collagen IV antibodies in patients with scleroderma and idiopathic Raynaud's phenomenon] Gabrielli A, et al. **Recenti Prog Med** 1985 Jan;76(1):21-2 (Eng. Abstr.) **(Ita)**
[Studies on the results of anti-toxoplasma enzyme-linked immunosorbent assay and false positive reactions in patients with progressive systemic sclerosis, rheumatoid arthritis and systemic lupus erythematosus] Sekine F, et al. **Nippon Naika Gakkai Zasshi** 1985 Jan;74(1):7-12 **(Jpn)**
[In vivo study of cellular immunity in patients with scleroderma] Olszewska Z, et al. **Przegl Dermatol** 1984 Jul-Aug;71(4):317-25 (Eng. Abstr.) **(Pol)**
[Demonstration of antinuclear antibodies in the epidermis of patients with progressive systemic sclerosis, generalized lupus erythematosus and dermatomyositis] Lamas Robles C, et al. **Rev Invest Clin** 1984 Apr-Jun;36(2):115-9 (Eng. Abstr.) **(Spa)**

METABOLISM

Fibronectin distribution in nailfold biopsies of scleroderma (systemic sclerosis) patients. Chen ZY, et al. **Acta Derm Venereol (Stockh)** 1985;65(3):185-9
Cyclic nucleotides and calcium transport in cultured dermal fibroblasts from progressive systemic sclerosis and rheumatoid arthritis patients. Grozdova MD, et al. **Arthritis Rheum** 1984 Oct;27(10):1144-9
Selective inhibition of excessive scleroderma fibroblast collagen production by lymphokines from normal human mononuclear cells. Jimenez SA, et al. **Arthritis Rheum** 1985 May;28(5):502-10
Collagen synthesis regulation by the aminopropeptide of procollagen I in normal and scleroderma fibroblasts. Perlish JS, et al. **Arthritis Rheum** 1985 Jun;28(6):647-51
Soluble mediators from mononuclear cells increase the synthesis of glycosaminoglycan by dermal fibroblast cultures derived from normal subjects and progressive systemic sclerosis patients. Whiteside TL, et al. **Arthritis Rheum** 1985 Feb;28(2):188-97
Effect of platelet homogenate on in vitro glycosaminoglycans production by dermal fibroblasts from systemic sclerosis patients and normal controls. Falanga V, et al. **Br J Dermatol** 1985 Aug;113(2):237-43
Inhibition of collagen production in scleroderma fibroblast cultures by a connective tissue glycoprotein extracted from normal dermis. Maquart FX, et al. **J Invest Dermatol** 1985 Aug;85(2):156-60
Collagen biosynthesis in systemic scleroderma: regulation of posttranslational modifications and synthesis of procollagen in cultured fibroblasts. Peltonen L, et al. **J Invest Dermatol** 1985 Jan;84(1):14-8
Increased prostacyclin metabolites and decreased red cell deformability in patients with systemic sclerosis and Raynauds syndrome. Belch JJ, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):1-9
[Calcium metabolism in systemic scleroderma. Preliminary findings] Serup J, et al. **Ugeskr Laeger** 1984 May 28; 146(22):1628-30 (Eng. Abstr.) **(Dan)**
[Fibronectin level in dermal suction fluid in systemic scleroderma (letter)] Lacour JP, et al. **Presse Med** 1984 Nov 3;13(39):2394 **(Fre)**
[Diminished levels of fibronectin in suction bullae in patients with scleroderma (letter)] Stalder JF, et al. **Presse Med** 1984 Sep 29;13(33):2025 **(Fre)**
[Effect of isoproterenol on collagen synthesis in cultured skin fibroblasts in patients with systemic scleroderma] Khokhova IuV, et al. **Vopr Med Khim** 1984;30(6):92-4 (Eng. Abstr.) **(Rus)**

MORTALITY

Prediction of survival in progressive systemic sclerosis by multivariate analysis of clinical features. Wynn J, et al. **Am Heart J** 1985 Jul;110(1 Pt 1):123-7

PATHOLOGY

Scleroderma of the colon presenting with acute abdominal symptoms. Lorentzen M, et al. **Acta Chir Scand** 1984; 150(6):511-2
Collagen in the esophageal mucosa of patients with progressive systemic sclerosis (PSS). Hendel L, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):480-4
Cervical scleroderma: a case of soft tissue dystocia. Bellucci MJ, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):891-2
Evidence for chronic inflammation as a component of the interstitial lung disease associated with progressive systemic sclerosis. Rossi GA, et al. **Am Rev Respir Dis** 1985 Apr; 131(4):612-7
Increased dermal mast cell populations in progressive systemic sclerosis: a link in chronic fibrosis? Hawkins RA, et al. **Ann Intern Med** 1985 Feb;102(2):182-6
Fibronectin. Localization in normal human skin, granulation tissue, hypertrophic scar, mature scar, progressive systemic sclerotic skin, and other fibrosing dermatoses. Nagata H, et al. **Arch Dermatol** 1985 Aug;121(8):995-9
Collagen synthesis in scleroderma: selection of fibroblast populations during subcultures. Krieg T, et al. **Arch Dermatol Res** 1985;277(5):373-6
Relationship between nailfold capillary abnormalities and organ involvement in systemic sclerosis. Lovy M, et al. **Arthritis Rheum** 1985 May;28(5):496-501
Epidermal thickness in systemic sclerosis and morphoea. Morley SM, et al. **Clin Exp Dermatol** 1985 Jan;10(1):51-7
Immunofluorescence in skin specimens from three different biopsy sites in patients with scleroderma. Chen ZY, et al. **Clin Exp Rheumatol** 1985 Jan-Mar;3(1):11-6
Microvascular changes in progressive systemic sclerosis: immunohistochemical and ultrastructural study. Trotta F, et al. **Clin Exp Rheumatol** 1984 Jul-Sep;2(3):209-15
Nodular (keloidal) scleroderma. James WD, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1111-4
Further observations on nasal mucosal changes in scleroderma. A histochemical and electron microscopic study. Elwany S, et al. **J Laryngol Otol** 1984 Sep; 98(9):879-86
Relationship between nailfold capillary microscopy and salivary capillary basement membrane width in Raynaud's disease and progressive systemic sclerosis. DeBure C, et al. **J Rheumatol** 1985 Apr;12(2):279-82
[Ultrastructural histopathology of scleroderma] Kobayasi T, et al. **Ugeskr Laeger** 1984 May 28;146(22):1617-9 (Eng. Abstr.) **(Dan)**
[Measurement of skin thickness and skin phalanx distance using 15 MHz ultrasound in systemic scleroderma] Serup J. **Ugeskr Laeger** 1984 May 28;146(22):1631-3 (Eng. Abstr.) **(Dan)**
[Measurement of central cornea thickness in systemic scleroderma] Serup L, et al. **Ugeskr Laeger** 1984 May 28; 146(22):1633-5 (Eng. Abstr.) **(Dan)**
[Sclerodermal microangiopathy: a cause or a consequence?] Fiessinger JN, et al. **Ann Med Interne (Paris)** 1984; 135(8):591-3 (Eng. Abstr.) **(Fre)**
[Connective tissue compartments in scleroderma. Study of the structure and the biomechanical properties] Pierard GE, et al. **Dermatologica** 1985;170(3):105-13 (Eng. Abstr.) **(Fre)**
[Progressive systemic scleroderma. Clinical spectrum and prognostic parameters in 131 patients] Luderschmidt C, et al. **Dtsch Med Wochenschr** 1984 Sep 14;109(37):1389-97 (Eng. Abstr.) **(Ger)**
[Morphologic knowledge of polyneuropathy in progressive scleroderma] Korting GW, et al. **Hautarzt** 1984 Aug; 35(8):425-7 (Eng. Abstr.) **(Ger)**
[Changes of the central nervous system in scleroderma (progressive systemic sclerosis)] Schmidt H, et al. **Pathologe** 1985 May;6(3):149-57 **(Ger)**
[Various visceral changes in scleroderma] Moroni P, et al. **G Ital Dermatol Venereol** 1984 Jul-Aug;119(4):275-7 (Eng. Abstr.) **(Ita)**
[Gastrointestinal lesions in systemic scleroderma] Gushcha AL, et al. **Klin Med (Mosk)** 1984 Nov;62(11):17-22 (58 ref.) **(Rus)**
[Scleroderma in childhood] Becerril-Sánchez JF, et al. **Bol Med Hosp Infant Mex** 1984 Oct;41(10):556-60 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Left ventricular function at rest and during Raynaud's phenomenon in patients with scleroderma. Siegel RJ, et al. **Am Heart J** 1984 Dec;108(6):1469-76
The electrocardiogram in systemic sclerosis (scleroderma). Study of 102 consecutive cases with functional correlations and review of the literature. Follansbee WP, et al. **Am J Med** 1985 Aug;79(2):183-92
Carbon monoxide diffusing capacity as predictor of outcome in systemic sclerosis. Peters-Golden M, et al. **Am J Med** 1984 Dec;77(6):1027-34
Pulmonary vascular response during Raynaud's phenomenon in progressive systemic sclerosis. Shuck JW, et al. **Am J Med** 1985 Feb;78(2):221-7
Scleroderma and the esophagus [letter] Bassotti G, et al.

Ann Intern Med 1985 Jul;103(1):154-5

Salivary secretion and connective tissue disease in man. Matthews RW, et al. **Ann Rheum Dis** 1985 Jan;44(1):20-6

The micro-circulation in systemic sclerosis. Jayson MI. **Clin Exp Rheumatol** 1984 Jan-Mar;2(1):85-91 (76 ref.)

Lung function in progressive systemic sclerosis is dominated by poorly compliant lungs and stiff airways. Blom-Bülow B, et al. **Eur J Respir Dis** 1985 Jan;66(1):1-8

Comparative esophageal and anorectal motility in scleroderma. Hamel-Roy J, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):1-7

A new skin manifestation of progressive systemic sclerosis. Jawitz JC, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):265-8

Fibroblast activation in scleroderma. Vuorio TK, et al. **Scand J Rheumatol** 1984;13(3):229-37

[Progressive systemic sclerosis (scleroderma) of the esophagus. Manometry and pH monitoring] Hendel L, et al. **Ugeskr Laeger** 1984 May 28;146(22):1644-6 (Eng. Abstr.) **(Dan)**

[Manometry of the esophagus in generalized scleroderma] Ravnsbaek J, et al. **Ugeskr Laeger** 1985 Jan 28;147(5):402-5 (Eng. Abstr.) **(Dan)**

[Measurement of the mobility of a finger joint in systemic scleroderma patients using a new protractor] Serup J. **Ugeskr Laeger** 1984 May 28;146(22):1635-7 (Eng. Abstr.) **(Dan)**

[Esophageal motility, systemic scleroderma and Raynaud's phenomenon] Gosselin A. **Gastroenterol Clin Biol** 1985 Feb; 9(2):127-9 **(Fre)**

[Esophageal motility in Raynaud's disease, systemic scleroderma and prescleroderma1 Raynaud's syndrome] Hostein J, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):130-5 (Eng. Abstr.) **(Fre)**

[Diagnosis and follow-up of sclerodermatous esophagopathy by electromanometry] Delfino M, et al. **G Ital Dermatol Venereol** 1984 Jul-Aug;119(4):271-4 (Eng. Abstr.) **(Ita)**

[Dyskinetic pathology of the esophagus in progressive systemic sclerosis] Peserico A, et al. **G Ital Dermatol Venereol** 1984 Jul-Aug;119(4):279-80 (Eng. Abstr.) **(Ita)**

[Esophageal changes in scleroderma] Pisani M, et al. **G Ital Dermatol Venereol** 1984 Jul-Aug;119(4):281-6 (Eng. Abstr.) **(Ita)**

[Study of the recto-anal region using electromanometry and transmucosal potential differences in patients with progressive systemic sclerosis. Preliminary results] Di Martino N, et al. **Minerva Chir** 1985 Feb 15;40(3):125-31 **(Ita)**

[Role of esophageal manometry in the diagnosis and developmental control of scleroderma] Balanzoni S, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):183-90 (Eng. Abstr.) **(Ita)**

[Esophageal motor changes in patients with Raynaud's phenomenon and suspected scleroderma. Electromanometric and serologic evaluations] Benevento A, et al. **Minerva Med** 1984 Sep 29;75(37):2111-8 (Eng. Abstr.) **(Ita)**

[Blood pressure of the fingers of patients with progressive systemic sclerosis] Mizutani H, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Aug;94(9):1015-20 **(Jpn)**

[A study on reflux esophagitis in progressive systemic sclerosis (PSS): second report. Nocturnal gastroesophageal motility and esophageal pH in supine position] Matsuzaki T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May; 82(5):1300-7 (Eng. Abstr.) **(Jpn)**

[Status of the biliary tract in patients with systemic scleroderma] Grebenev AL, et al. **Klin Med (Mosk)** 1985 Mar;63(3):55-9 **(Rus)**

[Gastrointestinal involvement in progressive systemic sclerosis] Alvarez MG, et al. **Acta Gastroenterol Latinoam** 1984;14(4):295-302 (Eng. Abstr.) **(Spa)**

RADIOGRAPHY

X-ray quiz. Scleroderma. Bennett R. **Aust Fam Physician** 1984 Aug;13(8):601-2

The arthropathy of systemic sclerosis (scleroderma); comparison with mixed connective tissue disease. Catoggio LJ, et al. **Clin Exp Rheumatol** 1983 Apr-Jun;1(2):101-12

Unusual articular abnormalities in scleroderma. Albert J, et al. **Clin Rheumatol** 1984 Sep;3(3):323-7

Defect of the mandible. Shulman LB, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):110

[Radiographic findings in systemic scleroderma] Brun B, et al. **Ugeskr Laeger** 1984 May 28;146(22):1638-40 (Eng. Abstr.) **(Dan)**

[Progressive systemic sclerosis (scleroderma) of the esophagus. A radiologic assessment] Dirksen KL, et al. **Ugeskr Laeger** 1984 May 28;146(22):1641-3 (Eng. Abstr.) **(Dan)**

[Organ manifestations, immunologic findings and roentgen morphologic changes in the bones of the hand in progressive scleroderma] Brenke A, et al. **Z Gesamte Inn Med** 1984 Dec 15;39(24):620-4 (Eng. Abstr.) **(Ger)**

[The sclerodermatous esophagus: clinical and radiologic aspects] Feliciangeli M, et al. **G Ital Dermatol Venereol** 1984 Jul-Aug;119(4):267-70 (Eng. Abstr.) **(Ita)**

RADIONUCLIDE IMAGING

[1st results of functional RES scintigraphy with 99mTc-labeled human serum albumin millimicrospheres in progressive scleroderma: possibility of early diagnosis of lung involvement?] Munz DL, et al. **Z Hautkr** 1984 Dec 1;59(23):1635-8 (Eng. Abstr.) **(Ger)**

THERAPY

Scleroderma: therapeutic options. Connolly SM. **Cutis** 1984 Sep;34(3):274-6 (28 ref.)

[Treatment of systemic scleroderma] Priollet P, et al. **Ann Dermatol Venereol** 1984;111(6-7):595-607 (89 ref.) **(Fre)**

[Prognosis and treatment of scleroderma] Crickx B, et al. **Ann Med Interne (Paris)** 1984;135(8):624-9 (Eng. Abstr.) **(Fre)**

[Long-term treatment of systemic scleroderma with coagulation factor XIII. Developmental monitoring, especially of respiratory function] Euller-Ziegler L, et al. **Rev Rhum Mal Osteoartic** 1984 Oct;51(9):503-5 **(Fre)**

URINE

[Collagen metabolites in the urine in patients with generalized scleroderma] Ammitzbøll T, et al. **Ugeskr Laeger** 1984 May 28;146(22):1622-5 (Eng. Abstr.) **(Dan)**

VETERINARY

Animal model of human disease. Avian scleroderma. An inherited fibrotic disease of white Leghorn chickens resembling progressive systemic sclerosis. van de Water J, et al. **Am J Pathol** 1985 Sep;120(3):478-82

SCLEROMA, NASAL see **RHINOSCLEROMA**

SCLEROSING SOLUTIONS

Percutaneous sclerosis of an external biliary fistula. Martin EC, et al. **AJR** 1985 Mar;144(3):481-2

Systemic dissemination of ethanolamine oleate after injection sclerotherapy for esophageal varices. Sukigara M, et al. **Arch Surg** 1985 Jul;120(7):833-6

Successful injection sclerotherapy for bleeding duodenal varix in intrahepatic portal obstruction. Kirkpatrick JR, et al. **Gastrointest Endosc** 1985 Aug;31(4):259-60

Endoscopic sclerotherapy for esophageal variceal hemorrhage [letter] **N Engl J Med** 1985 Apr 11; 312(15):989-90

ADMINISTRATION & DOSAGE

Endoscopic sclerotherapy for bleeding rectal varices: a case report. Wang M, et al. **Am J Gastroenterol** 1985 Oct; 80(10):779-80

Long-term results after sclerotherapy of the spermatic vein in patients with varicocele. Riedl P, et al. **Cardiovasc Intervent Radiol** 1985;8(1):46-9

Easier elective injection of oesophageal varices. Dickinson RJ, et al. **Endoscopy** 1984 Sep;16(5):182

A high-pressure injector for sclerotherapy of oesophageal varices. Schellong H, et al. **Endoscopy** 1984 Sep;16(5):183-4

A new endoscopic balloon for sclerotherapy in active bleeding from esophageal varices. Sciaretta G, et al. **Endoscopy** 1985 May;17(3):113-4

Injection of nonvariceal bleeding lesions of the upper gastrointestinal tract. Soehendra N, et al. **Endoscopy** 1985 Jul;17(4):129-32

Ten years experience with paravariceal injection sclerotherapy of esophageal varices in children. Paquet KJ. **J Pediatr Surg** 1985 Apr;20(2):109-12

Endoscopic sclerotherapy versus portacaval shunt in patients with severe cirrhosis and variceal hemorrhage. Cello JP, et al. **N Engl J Med** 1984 Dec 20;311(25):1589-94

Injection sclerotherapy for the long-term management of variceal bleeding. Westaby D, et al. **World J Surg** 1984 Oct;8(5):667-72

ADVERSE EFFECTS

Colonic variceal hemorrhage after endoscopic injection sclerosis of esophageal varices: a report of three cases. Foutch PG, et al. **Am J Gastroenterol** 1984 Oct; 79(10):756-60

Sclerosant treatment of varicose veins and deep vein thrombosis. Williams RA, et al. **Arch Surg** 1984 Nov; 119(11):1283-5

Transient pulmonary hypertension associated with esophageal sclerotherapy. Glauser FL, et al. **Chest** 1984 Nov;86(5):658-9

Retroperitoneal abscess following sclerotherapy for hemorrhoids. Ribbans WJ, et al. **Dis Colon Rectum** 1985 Mar;28(3):188-9

Effect of endoscopic variceal sclerotherapy on gas exchange and hemodynamics in humans. Bailey-Newton RS, et al. **Gastroenterology** 1985 Aug;89(2):368-73

Mucosal bridge of the distal esophagus after esophageal variceal sclerotherapy. Gottfried EB, et al. **Gastrointest Endosc** 1985 Aug;31(4):267-9

The relationship of bacteremia to the length of injection needle in endoscopic variceal sclerotherapy. Snady H, et al. **Gastrointest Endosc** 1985 Aug;31(4):243-6

Intramural hematoma of the esophagus: unusual complication of variceal sclerotherapy. Van Steenbergen W, et al. **Gastrointest Radiol** 1984;9(4):293-5

Oesophageal stricture after endoscopic sclerotherapy [letter] McCormack T, et al. **Gut** 1984 Dec;25(12):1432-3

Spinal cord paralysis following sclerotherapy for esophageal varices. Seidman E, et al. **Hepatology** 1984 Sep-Oct; 4(5):950-4

Sclerotherapy induced pseudo-carcinoma. Bridges R, et al. **J Can Assoc Radiol** 1984 Jun;35(2):199-201

Gastric ulcers after endoscopic sclerosis of esophageal varices. Tripodis SP, et al. **J Clin Gastroenterol** 1985 Feb; 7(1):77-9

Sclerotherapy—prevention of accidents: a review. MacGowan WA. **J R Soc Med** 1985 Feb;78(2):136-7

Esophageal motility: effects of injection sclerotherapy. Larson GM, et al. **Surgery** 1984 Oct;96(4):703-10

[Esophagobronchial fistula following sclerosis of esophageal varices. Treatment by injection of biological glue (letter)] Barthélemy C, et al. **Gastroenterol Clin Biol** 1984 Oct; 8(10):772-3 **(Fre)**

[Complications of the aorta following sclerosing of esophageal varices] Susani M, et al. **Pathologe** 1984 Oct; 5(5):278-81 **(Ger)**

[Acute ischemic syndrome of the foot following sclerotherapy of varicose veins] Oesch A, et al. **Schweiz Med Wochenschr** 1984 Aug 25;114(34):1155-8 (Eng. Abstr.) **(Ger)**

[Effects on the heart and lung after endoscopic injection sclerotherapy for esophageal varices] Kumazawa K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Mar;82(3):391-7 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

Oesophageal motility after sclerotherapy for bleeding varices. Söderlund C, et al. **Acta Chir Scand** 1985;151(3):249-53

Endoscopic sclerotherapy of oesophageal varices. A clinical study. Söderlund C. **Acta Chir Scand [Suppl]** 1985;524:1-86

Ethanol thrombotherapy of esophageal varices: further experience. Yune HY, et al. **AJR** 1985 May;144(5):1049-53

Course and complications of endoscopic variceal sclerotherapy: a prospective study of 50 patients. Sarles HE Jr, et al. **Am J Gastroenterol** 1985 Aug;80(8):595-9

Varicose veins: optimum compression following sclerotherapy. Scurr JH, et al. **Ann R Coll Surg Engl** 1985 Mar;67(2):109-11

Sclerotherapy for venous flare. Green AR, et al. **Br J Plast Surg** 1985 Apr;38(2):241-2

Out-patient treatment of haemorrhoids: a randomized clinical trial to compare rubber band ligation with phenol injection. Gartell PC, et al. **Br J Surg** 1985 Jun;72(6):478-9

Twenty-five years of injection sclerotherapy for bleeding varices. Spence RA, et al. **Br J Surg** 1985 Mar;72(3):195-8

The long-term management of patients after an oesophageal variceal bleed: the role of sclerotherapy. Terblanche J. **Br J Surg** 1985 Feb;72(2):88-90 (37 ref.)

Sclerotherapy for esophageal varices: preliminary experience. Abecassis M, et al. **Can J Surg** 1984 Nov;27(6):561-6

New treatment for non-variceal upper gastrointestinal bleeding. Madsen JE Jr. **Conn Med** 1985 Apr;49(4):221-4

Esophageal motility and symptoms after endoscopic injection sclerotherapy. Cohen LB, et al. **Dig Dis Sci** 1985 Jan; 30(1):29-32

A randomized trial of photocoagulation or injection sclerotherapy for the treatment of first- and second-degree hemorrhoids. Ambrose NS, et al. **Dis Colon Rectum** 1985 Apr;28(4):238-40

Pleural effusions after endoscopic variceal sclerotherapy. Bacon BR, et al. **Gastroenterology** 1985 Jun;88(6):1910-4

Bacteremia during esophageal variceal sclerotherapy: its cause and prevention. Brayko CM, et al. **Gastrointest Endosc** 1985 Feb;31(1):10-2

Eye protection during sclerotherapy [letter] Kleinman MS, et al. **Gastrointest Endosc** 1984 Dec;30(6):375-6

A balloon designed for endoscopic variceal sclerotherapy. Sievert CE Jr, et al. **Gastrointest Endosc** 1984 Aug; 30(4):255-7

Endoscopic sclerotherapy using absolute alcohol. Sarin SK, et al. **Gut** 1985 Feb;26(2):120-4

B1 selective adrenoreceptor blockade for the long term management of variceal bleeding. A prospective randomised trial to compare oral metoprolol with injection sclerotherapy in cirrhosis. Westaby D, et al. **Gut** 1985 Apr; 26(4):421-5

A prospective, randomized controlled trial of chronic esophageal variceal sclerotherapy. Korula J, et al. **Hepatology** 1985 Jul-Aug;5(4):584-9

Endoscopic sclerosis and esophageal balloon tamponade in acute hemorrhage from esophagogastric varices: a prospective controlled randomized trial. Paquet KJ, et al. **Hepatology** 1985 Jul-Aug;5(4):580-3

Sclerotherapy of esophageal varices: an endoscopic and portographic study. Söderlund C, et al. **Hepatology** 1984 Sep-Oct;4(5):877-84

Improved survival following injection sclerotherapy for esophageal varices: final analysis of a controlled trial. Westaby D, et al. **Hepatology** 1985 Sep-Oct;5(5):827-30

Current status of endoscopic sclerotherapy [editorial] Bhargava DK. **Indian J Gastroenterol** 1985 Jan;4(1):7

Injection sclerotherapy for bleeding varices—a review. Bhasin DK, et al. **Indian J Gastroenterol** 1985 Jan;4(1):35-7 (36 ref.)

Endoscopic sclerotherapy for active variceal haemorrhage in patients not responding to balloon tamponade &

vasopressin. Bhargava DK, et al. **Indian J Med Res** 1985 Feb;81:175–9

Techniques of sclerotherapy for sunburst venous blemishes. Bodian EL. **J Dermatol Surg Oncol** 1985 Jul;11(7):696–704

Injection treatment of piles. Ahmad M. **JPMA** 1984 Oct;34(10):318–9

Pathological studies on esophageal varices treated with injection sclerotherapy. Takase Y, et al. **Jpn J Surg** 1985 Jan;15(1):30–5

A review of injection sclerotherapy--the Cape Town experience. Terblanche J. **Jpn J Surg** 1985 Mar;15(2):103–11 (46 ref.)

Prophylactic endoscopic sclerotherapy of oesophageal varices [letter] **Lancet** 1985 May 11;1(8437):1105–6

Sclerotherapy versus propranolol after first variceal haemorrhage in alcoholic cirrhosis [letter] Dollet JM, et al. **Lancet** 1985 Jul 13;2(8446):97

Prophylactic endoscopic sclerotherapy of oesophageal varices. A prospective controlled study. Witzel L, et al. **Lancet** 1985 Apr 6;1(8432):773–5

Influence of hepatic reserve and cause of esophageal varices on survival and rebleeding before and after the introduction of sclerotherapy: a retrospective analysis. DiMagno EP, et al. **Mayo Clin Proc** 1985 Mar;60(3):149–57

Is sclerotherapy the treatment of choice for bleeding esophageal varices? Grace ND. **Mayo Clin Proc** 1985 Mar;60(3):207–10

Sclerotherapy after first variceal hemorrhage in cirrhosis. A randomized multicenter trial. The Copenhagen Esophageal Varices Sclerotherapy Project. **N Engl J Med** 1984 Dec 20;311(25):1594–600

Bleeding oesophageal varices: the role of endoscopic sclerosing treatment. Purri P, et al. **Panminerva Med** 1984 Jul-Sep;26(3):163–4

Treatment of thyroid cysts by sclerosation. Porenta M, et al. **Radiobiol Radiother (Berl)** 1985;26(2):249–54

Long-term sclerotherapy of bleeding esophageal varices in patients with liver cirrhosis. An evaluation of mortality and rebleeding risk factors. Sauerbruch T, et al.
Scand J Gastroenterol 1985 Jan;20(1):51–8

Injection sclerotherapy of bleeding oesophageal and gastric varices in children. Stray N, et al.
Scand J Gastroenterol [Suppl] 1985;107:36–9

Endoscopic variceal sclerotherapy: experience with 30 patients. McGrew W, et al. **South Med J** 1984 Sep;77(9):1091–4

Esophageal transection versus injection sclerotherapy in the management of bleeding esophageal varices in patients at high risk. Huizinga WK, et al. **Surg Gynecol Obstet** 1985 Jun;160(6):539–46

Injection sclerotherapy for esophageal varices caused by schistosomal hepatic fibrosis. Bessa SM, et al. **Surgery** 1985 Feb;97(2):164–8

Sclerotherapy with tetracycline solution for hydrocele. Hu KN, et al. **Urology** 1984 Dec;24(6):572–6

Sclerotherapy for emergency variceal hemorrhage. Terblanche J. **World J Surg** 1984 Oct;8(5):653–9

[Endoscopic sclerosing of bleeding esophageal varices. Complications and mortality] Jensen LS. **Ugeskr Laeger** 1984 Nov 12;146(46):3530–4 (Eng. Abstr.) **(Dan)**

[Endoscopic sclerosing of bleeding esophageal varices] Lesterhuis W, et al. **Ned Tijdschr Geneeskd** 1985 Jan 19;129(3):113–6 (Eng. Abstr.) **(Dut)**

[Endoscopic sclerotherapy of esophageal varices] Laitinen S, et al. **Duodecim** 1984;100(14):849–54 **(Fin)**

[Franco-British colloquium on phlebology. Chichester, 26–28 April 1984] **Phlebologie** 1985 Jan–Mar;38(1):1–231 (Eng. Abstr.) **(Fre)**

[Sclerotherapy] **Phlebologie** 1985 Jan–Mar;38(1):181–231 (Eng. Abstr.) **(Fre)**

[Indications for surgical and sclerosing treatment of varices of the lower limbs] Berta V, et al. **Phlebologie** 1985 Apr–Jun;38(2):363–6 (Eng. Abstr.) **(Fre)**

[Varices of the lower limbs and pregnancy] Schadeck M, et al. **Phlebologie** 1984 Oct–Dec;37(4):561–9 (Eng. Abstr.) **(Fre)**

[Sclerotherapy in postphlebitic disease] Wallois P.
Phlebologie 1984 Oct–Dec;37(4):469–77 (Eng. Abstr.) **(Fre)**

[Sclerosing treatment of massive hemorrhage of a preternatural anus in portal hypertension] Hesterberg R, et al. **Chirurg** 1984 Sep;55(9):607–9 **(Ger)**

[Sclerosing therapy after initial esophageal varix hemorrhage in liver cirrhosis] Brunner G. **Dtsch Med Wochenschr** 1985 Apr 12;110(15):610 **(Ger)**

[Sclerosing therapy of bleeding esophageal varices (letter)] Paquet KJ. **Dtsch Med Wochenschr** 1985 May 31;110(22):898–900 **(Ger)**

[Gastrointestinal angiodysplasias--preventive sclerosing treatment (letter)] Zillessen E, et al.
Dtsch Med Wochenschr 1984 Dec 14;109(50):1942–3 **(Ger)**

[Experiences with endoscopic sclerosing of esophageal varices] Zipprich B, et al.
Dtsch Z Verdau Stoffwechselkr 1984;44(5):209–18 (Eng. Abstr.) **(Ger)**

[Sclerotherapy: status 1985] Sivak MV. **Internist (Berlin)** 1985 Jan;26(1):32–42 **(Ger)**

[Comparative histologic studies following esophageal varices sclerosing with different substances] Helpap B, et al.
Leber Magen Darm 1983 Sep;13(5):215–22 (Eng. Abstr.) **(Ger)**

[Sclerotherapy of esophageal varices. Indications and results] Schulthess HK, et al. **Schweiz Med Wochenschr** 1985 Apr 27;115(17):582–6 (Eng. Abstr.) **(Ger)**

[Sclerotherapy of esophageal varices. 5 years' experience] Schulthess HK, et al. **Schweiz Rundsch Med Prax** 1984 Sep 4;73(36):1092–4 (Eng. Abstr.) **(Ger)**

[Sclerosing treatment in varicose leg ulcer] Goor W.
Ther Umsch 1984 Dec;41(12):869–72 (Eng. Abstr.) **(Ger)**

[Endoscopic sclerosis of esophageal varices: indications and results] Scheurer U. **Ther Umsch** 1984 Sep;41(9):648–53 (51 ref.) (Eng. Abstr.) **(Ger)**

[Late results following sclerotherapy of varicocele] Bach D, et al. **Urologe [Ausg A]** 1984 Nov;23(6):338–41 (Eng. Abstr.) **(Ger)**

[Thrombocyte activation in sclerotherapy of varicose veins and in deep venous thrombosis] Blättler W, et al. **Vasa** 1984;13(3):220–3 (Eng. Abstr.) **(Ger)**

[Sclerosing as the therapy of choice in esophageal varix hemorrhage? (letter)] Paquet KJ. **Z Gastroenterol** 1984 Jul;22(7):365–7 **(Ger)**

[Long-term results following varix hemorrhage in sclerosing therapy (letter)] Wördehoff D. **Z Gastroenterol** 1984 Jul;22(7):368–9 **(Ger)**

[Experiences with a methodologic variant of fiberoptic sclerosing of esophageal varices] Schwenke E, et al.
Z Gesamte Inn Med 1985 Feb 15;40(4):92–6 (Eng. Abstr.) **(Ger)**

[Esophageal function scintigraphy following sclerosing therapy] Lindecken KD, et al. **Zentralbl Chir** 1985;110(14):857–61 (Eng. Abstr.) **(Ger)**

[Hemorrhage of esophageal varices in child B and C patients. Results of sclerosing therapy] Schaube H, et al.
Zentralbl Chir 1985;110(14):862–9 (Eng. Abstr.) **(Ger)**

[Usefulness of computers in following-up patients after endoscopic sclerosis of esophageal varices. Evaluation of the results obtained in 103 patients followed up] Cusumano A, et al. **Minerva Chir** 1985 Feb 28;40(4):211–3 **(Ita)**

[Endoscopic sclerosis of esophageal varices for the prevention of re-bleeding: our experience] Saracco G, et al. **Recenti Prog Med** 1985 Apr;76(4):185–7 (Eng. Abstr.) **(Ita)**

[Distribution of ethanolamine oleate after injection in esophageal varices] Sukigara M, et al.
Nippon Geka Gakkai Zasshi 1984 Dec;85(12):1523–7 (Eng. Abstr.) **(Jpn)**

[Comparison with percutaneous transhepatic embolization and endoscopic injection sclerotherapy in esophageal varices] Kimura K, et al. **Nippon Rinsho** 1984 Oct;42(10):2332–6 **(Jpn)**

[Clinical studies of endoscopic embolization in esophageal varices] Suzuki H, et al. **Nippon Rinsho** 1984 Oct;42(10):2327–31 **(Jpn)**

[Endoscopic embolization] Takase Y, et al. **Nippon Rinsho** 1984 Oct;42(10):2322–6 **(Jpn)**

[Bleeding esophageal varices. Experience with endoscopic sclerotherapy] Stave R, et al. **Tidsskr Nor Laegeforen** 1985 May 10;105(13):885–7 (Eng. Abstr.) **(Nor)**

SCLEROSIS

CHEMICALLY INDUCED

Bleomycin-induced Raynaud's phenomenon and acral sclerosis. Snauwaert J, et al. **Dermatologica** 1984;169(4):172–4

SCLEROSIS, DISSEMINATED see **MULTIPLE SCLEROSIS**

SCLEROSIS, HEREDITARY SPINAL see **FRIEDREICH'S ATAXIA**

SCLEROSIS, PRESENILE see **DEMENTIA, PRESENILE**

SCLEROSIS, PROGRESSIVE SYSTEMIC see **SCLERODERMA, SYSTEMIC**

SCLEROTINIA see under **ASCOMYCETES**

SCOLIOSIS

Topics of interest in pediatric orthopedics. Allen BL Jr, et al. **Pediatr Clin North Am** 1985 Oct;32(5):1333–45 (23 ref.)

[Scoliosis--a review] Robin GC. **Harefuah** 1984 Jul;107(1–2):27–30 **(Heb)**

COMPLICATIONS

Structural scoliosis in osteoporotic women. Healey JH, et al. **Clin Orthop** 1985 May;(195):216–23

Idiopathic adolescent scoliosis--a prototype of degenerative joint disease. The relation of biomechanic factors to osteophyte formation. Richter DE, et al. **Clin Orthop** 1985 Mar;(193):221–9

Scoliosis associated with congenital brain-stem abnormalities. A report of eight cases. Dretakis EK. **Int Orthop** 1984;8(1):37–46

Volvulus of the stomach. Khosla SN, et al.
J Assoc Physicians India 1984 Nov;32(11):1005–6

Hyperalimentation for superior mesenteric-artery (cast) syndrome following correction of spinal deformity. Munns SW, et al. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1175–7

Postoperative neurological deficits in segmental spinal instrumentation. A study using spinal cord monitoring. Wilber RG, et al. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1178–87

Combined idiopathic kyphosis and scoliosis. An analysis of the lateral spinal curvatures associated with Scheuermann's disease. Deacon P, et al. **J Bone Joint Surg [Br]** 1985 Mar;67(2):189–92

Superior mesenteric artery syndrome associated with scoliosis treated by a modified Ladd procedure. Amy BW, et al. **J Pediatr Orthop** 1985 May–Jun;5(3):361–3

Respiratory function in scoliosis [editorial] **Lancet** 1985 Jan 12;1(8420):84–5

Scoliosis in young men with spondylolysis or spondylolisthesis. A comparative study in symptomatic and asymptomatic subjects. Libson E, et al. **Spine** 1984 Jul–Aug;9(5):445–7

[Retinal detachment associated with extensive sclerectasia in a patient presenting with very accentuated kyphoscoliosis] Gerhard JP, et al.
Bull Soc Ophtalmol Fr 1983 Dec;83(12):1415–9 (Eng. Abstr.) **(Fre)**

[Lumbar stenosis with scoliosis. Symptomatologic study and surgical treatment of 39 cases] Morin C, et al.
Rev Chir Orthop 1984;70(7):561–6 (Eng. Abstr.) **(Fre)**

[A case of Ehlers–Danlos syndrome with severe scoliosis surgically treated] Binazzi R, et al. **Chir Organi Mov** 1984;69(3):275–8 (Eng. Abstr.) **(Ita)**

[Scoliosis in Sotos' syndrome] De Giorgi G, et al.
Chir Organi Mov 1982–83;68(4–6):815–8 (Eng. Abstr.) **(Ita)**

[Scoliosis and malignant hyperthermia] Sunohara N, et al.
Rinsho Shinkeigaku 1984 Nov;24(11):1149–54 (Eng. Abstr.) **(Jpn)**

CONGENITAL

Occult intraspinal anomalies and congenital scoliosis [letter] Conner AN, et al. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1319

Diastematomyelia with congenital scoliosis. Report of 15 surgically treated cases. Gökalp H. **Minerva Chir** 1985 Mar 15;40(5):287

DIAGNOSIS

Electromyography for the investigation and early diagnosis of scoliosis. Valentino B, et al. **Anat Clin** 1985;7(1):55–9

Early onset scoliosis: a call for awareness. Conner AN.
Br Med J [Clin Res] 1984 Oct 13;289(6450):962–3

Moire topography: a method of screening for adolescent idiopathic scoliosis. Thompson F, et al. **Ir Med J** 1985 Jun;78(6):162–5

An objective criterion for scoliosis screening. Bunnell WP.
J Bone Joint Surg [Am] 1984 Dec;66(9):1381–7

Moiré topography in scoliosis. Its accuracy in detecting the site and size of the curve. Daruwalla JS, et al.
J Bone Joint Surg [Br] 1985 Mar;67(2):211–3

[Early detection of scoliosis by examinations at schools] Smutný J. **Cesk Pediatr** 1984 Sep;39(9):553 **(Cze)**

[Scoliosis in infancy and early childhood] Jaster D, et al.
Kinderarztl Prax 1984 Dec;52(12):537–47 (Eng. Abstr.) **(Ger)**

[Reproducibility of surface measurements of the back using the opTRImetric method] Rohlmann A, et al. **Z Orthop** 1985 Mar–Apr;123(2):205–12 (Eng. Abstr.) **(Ger)**

[Development of the scoliotic curve: computer analysis] Barbieri L, et al. **Chir Organi Mov** 1982–83;68(4–6):467–73 (Eng. Abstr.) **(Ita)**

[Rotation from a clinical and radiologic point of view in scoliosis of less than 20 degrees] De Giorgi G, et al.
Chir Organi Mov 1982–83;68(4–6):475–81 (Eng. Abstr.) **(Ita)**

[Possibilities of the early detection of scoliosis using moire topography] Pećina M, et al. **Lijec Vjesn** 1984 Oct;106(10):395–401 (Eng. Abstr.) **(Scr)**

ETIOLOGY

Experimental scoliosis in monkeys. Thomas S, et al.
Acta Orthop Scand 1985 Feb;56(1):43–6

Aetiology of idiopathic spinal deformities [editorial] Dickson RA. **Arch Dis Child** 1985 Jun;60(6):508–11

Scoliosis. Experimental and clinical studies. Sevastik JA, et al. **Clin Orthop** 1984 Dec;(191):27–34

Complications of radiation therapy. Dalinka MK, et al.
CRC Crit Rev Diagn Imaging 1985;23(3):235–67 (76 ref.)

Incidence, natural history, and treatment of scoliosis in Friedreich's ataxia. Cady RB, et al. **J Pediatr Orthop** 1984 Nov;4(6):673–6

Scoliosis due to epilepsia partialis continua. Winter RB, et al. **J Pediatr Orthop** 1985 Jan–Feb;5(1):94–6

Directional asymmetry [letter] Taylor JR. **Med J Aust** 1985 Sep 16;143(6):267

[So-called 'essential' scolioses. Reflections presented as preliminary work] Prochiantz A. **Ann Pediatr (Paris)** 1985 Feb;32(2):133–4 **(Fre)**

[Lumbar scoliosis and sacroiliac arthrosis in tractor drivers] Szántó D, et al. **Orv Hetil** 1985 Apr 21;126(16):955–6, 959–61 (Eng. Abstr.) **(Hun)**

[Posture of preparatory-level preschool children and 6-year-old schoolchildren] Dronov IS, et al. **Gig Sanit** 1985 Feb;(2):92–3 **(Rus)**

[Leg length inequality as a cause of the high incidence of lateral scoliosis] Solomonik ZE, et al.

Ortop Travmatol Protez 1985 Mar;(3):72–3 (Rus)

[Role of heterolateral muscular strains in the mechanogenesis of scoliosis] Tsiv'ian IaL, et al. **Ortop Travmatol Protez** 1985 Jun;(6):35–9 (Eng. Abstr.) (Rus)

FAMILIAL & GENETIC

A new syndrome with camptodactyly, joint contractures, facial anomalies, and skeletal defects: a case report and review of syndromes with camptodactyly. Rozin MM, et al. **Clin Genet** 1984 Oct;26(4):342–55

[Acrodysplasia (hands and feet) with scoliosis, by autosomal recessive transmission] Prata MF, et al. **Ann Genet (Paris)** 1984;27(4):233–6 (Eng. Abstr.) (Fre)

[Wohlfart–Kugelberg–Welander syndrome in 2 sisters affected with progressive scoliosis] Po F, et al. **Chir Organi Mov** 1984;69(3):286–9 (Eng. Abstr.) (Ita)

METABOLISM

Proton nuclear magnetic resonance of human muscle extracts. Arús C, et al. **Clin Physiol Biochem** 1984;2(1):49–55

Elevation of hair copper in idiopathic scoliosis. A follow-up report. Pratt WB, et al. **Spine** 1984 Jul–Aug;9(5):540

[Bone density determination using 125I-densitometry in idiopathic scoliosis] Matzen KA, et al. **Digitale Bilddiagn** 1984 Dec;4(4):171–5 (Eng. Abstr.) (Ger)

NURSING

[Pre- and postoperative care of patients with scoliosis] Lu FL, et al. **Chung Hua Hu Li Tsa Chih** 1985 Feb;20(1):25–6 (Chi)

OCCURRENCE

Spinal deformities in tall girls. Skogland LB, et al. **Acta Orthop Scand** 1985 Apr;56(2):155–7

Adolescent idiopathic scoliosis: epidemiology and treatment outcome in a large cohort of children six years after screening. Robitaille Y, et al. **Int J Epidemiol** 1984 Sep;13(3):319–23

Idiopathic scoliosis. Prevalence and ethnic distribution in Singapore schoolchildren. Daruwalla JS, et al. **J Bone Joint Surg [Br]** 1985 Mar;67(2):182–4

Prevalence study of trunk asymmetries and structural scoliosis in 10-year-old school children. Willner S. **Spine** 1984 Sep;9(6):644–7

[Is screening for scoliosis useful?] Baecke JA, et al. **Ned Tijdschr Geneeskd** 1984 Oct 27;128(43):2028–32 (Eng. Abstr.) (Dut)

[Incidence of deviations in body posture in school-age children and young people of various ages] Savić K. **Med Pregl** 1985;38(3–4):189–92 (Eng. Abstr.) (Scr)

[Care of children with scoliosis at the Orthopedic Clinic in Bratislava] Steño M, et al. **Bratisl Lek Listy** 1984 Nov;82(5):1317–23 (Eng. Abstr.) (Slo)

PATHOLOGY

Intervertebral disc degeneration in adult mice with hereditary kyphoscoliosis. Mason RM, et al. **J Orthop Res** 1984;2(4):333–8

An evaluation of muscle pathology in idiopathic scoliosis. Gonyea WJ, et al. **J Pediatr Orthop** 1985 May–Jun;5(3):323–9

The effect of postural scoliosis on lumbar apophyseal joints. Giles LG, et al. **Scand J Rheumatol** 1984;13(3):209–20

[Three-dimensional analysis of scoliosis] Barbieri L, et al. **Radiol Med (Torino)** 1984 Jun;70(6):421–3 (Ita)

PHYSIOPATHOLOGY

Inspiratory muscle function in patients with severe kyphoscoliosis. Lisboa C, et al. **Am Rev Respir Dis** 1985 Jul;132(1):48–52

Biomechanical factors in the progression of idiopathic scoliosis. Schultz AB. **Ann Biomed Eng** 1984;12(6):621–30 (11 ref.)

The biomechanics of scoliosis. Pope MH, et al. **Crit Rev Biomed Eng** 1984;11(3):157–88 (200 ref.)

The finite displacements vector's method: an application to the scoliotic spine. Dimnet J, et al. **J Biomech** 1984;17(6):397–408

The prediction of curve progression in untreated idiopathic scoliosis during growth. Lonstein JE, et al. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1061–71

Stature and idiopathic scoliosis. A prospective study. Archer IA, et al. **J Bone Joint Surg [Br]** 1985 Mar;67(2):185–8

Stature and its components in adolescent idiopathic scoliosis. Cephalo-caudal disproportion in the trunk of girls. Nicolopoulos KS, et al. **J Bone Joint Surg [Br]** 1985 Aug;67(4):594–601

Joint flexibilities in structurally normal girls and girls with idiopathic scoliosis. Mattson G, et al. **J Orthop Res** 1983;1(1):57–62

Cardiorespiratory status in relation to mild deformity in adolescent idiopathic scoliosis. Leech JA, et al. **J Pediatr** 1985 Jan;106(1):143–9

A study of postural equilibrium in idiopathic scoliosis. Driscoll DM, et al. **J Pediatr Orthop** 1984 Nov;4(6):677–81

Respiratory function in scoliosis [letter] Todisco T, et al. **Lancet** 1985 Mar 30;1(8431):754

Proprioception in idiopathic scoliosis. Barrack RL, et al. **Spine** 1984 Oct;9(7):681–5

Idiopathic scoliosis and the central nervous system: a motor control problem. The Harrington lecture, 1983. Scoliosis Research Society. Herman R, et al. **Spine** 1985 Jan–Feb;10(1):1–14 (97 ref.)

Anthropometric data relating to normal and scoliotic Scandinavian girls. Normelli H, et al. **Spine** 1985 Mar;10(2):123–6

Pulmonary function in adolescents with mild idiopathic scoliosis. Smyth RJ, et al. **Thorax** 1984 Dec;39(12):901–4

[Pulmonary function and movement of the thoracic cage in mild idiopathic thoracic scoliosis] Yamaguchi C. **Nippon Seikeigeka Gakkai Zasshi** 1984 Oct;58(10):989–1002 (Eng. Abstr.) (Jpn)

[Prognosis of the course of dysplastic scoliosis] Fishchenko VIa, et al. **Ortop Travmatol Protez** 1985 Mar;(3):51–6 (Eng. Abstr.) (Rus)

PREVENTION & CONTROL

Lumbar extension in Duchenne muscular dystrophy: effect on lateral curvature. Seeger BR, et al. **Arch Phys Med Rehabil** 1985 Apr;66(4):236–8

Scoliosis: to screen or not to screen. Wynne EJ. **Can J Public Health** 1984 Jul–Aug;75(4):277–80

Spinal bracing and respiratory function in Duchenne muscular dystrophy [letter] Miller G, et al. **Clin Pediatr (Phila)** 1985 Feb;24(2):94

School screening for scoliosis. One experience in California using clinical examination and moiré photography. Adler NS, et al. **West J Med** 1984 Nov;141(5):631–3

PSYCHOLOGY

Dominant coping behaviors of one adolescent female hospitalized for surgical correction of scoliosis. Fabian IA. **Matern Child Nurs J** 1985 Spring;14(1):9–21

The comparative results of psychologic testing in scoliosis patients treated with electrical stimulation or bracing. Kahanovitz N, et al. **Spine** 1984 Jul–Aug;9(5):442–4

RADIOGRAPHY

Segmented-field radiography in scoliosis. Daniel WW, et al. **AJR** 1985 Feb;144(2):325–9

Scoliosis assessment in Friedreich's ataxia by means of intrinsic parameters. Allard P, et al. **Can J Neurol Sci** 1984 Nov;11(4 Suppl):582–7

Improvements in measuring vertebral rotation from the projections of the pedicles. Drerup B. **J Biomech** 1985;18(5):369–78

Less radiation and better images: a new scoliosis radiography system. Downey EF Jr, et al. **Milit Med** 1984 Sep;149(9):526–8

Unilateral hypoplasia of the hemithorax causing 'pseudoscoliosis' after lung irradiation in a child with Wilms' tumor. Kinsella JP, et al. **Pediatr Radiol** 1985;15(5):340–2

Radiographic features of spondylo-epimetaphyseal dysplasia with joint laxity and progressive kyphoscoliosis. Review of 19 cases. Kozlowski K, et al. **ROFO** 1984 Sep;141(3):337–41

Effective minimal radiography in scoliosis [letter] du Toit G. **S Afr Med J** 1985 Jun 1;67(22):878

Progressive senile scoliosis: seven cases of increasing spinal curves in elderly patients. Gillespy T 3d, et al. **Skeletal Radiol** 1985;13(4):280–6

Three dimensional analysis of right thoracic idiopathic scoliosis [letter] Deacon P, et al. **Spine** 1985 Apr;10(3):292

[Scoliosis studies with low-dose X-rays] van der Walt MJ, et al. **S Afr Med J** 1985 Apr 6;67(14):547–9 (Eng. Abstr.) (Afr)

[The sagittal curvature of spine in idiopathic scoliosis––its morphological features and the correlation among sagittal and frontal curvatures and rotation of apical vertebra] Inoue K. **Nippon Seikeigeka Gakkai Zasshi** 1985 May;59(5):505–16 (Eng. Abstr.) (Jpn)

SURGERY

Postoperative respiratory complications in non-idiopathic scoliosis. Anderson PR, et al. **Acta Anaesthesiol Scand** 1985 Feb;29(2):186–92

Anaesthesia for the correction of scoliosis [letter] Seddon SJ. **Anaesthesia** 1985 Aug;40(8):820–1

Obstetrical lumbar epidural anesthesia in patients with previous posterior spinal fusion for kyphoscoliosis. Feldstein G, et al. **Anesth Analg** 1985 Jan;64(1):83–5

Effects of low-dose morphine and fentanyl infusions on urinary and plasma catecholamine concentrations during scoliosis surgery. Pathak KS, et al. **Anesth Analg** 1985 May;64(5):509–14

A new method for continuous intraoperative measurement of Harrington rod loading patterns. Daniels AU, et al. **Ann Biomed Eng** 1984;12(3):233–46

Intra-operative spinal cord monitoring during surgery for scoliosis using somatosensory evoked potentials. Whittle IR, et al. **Aust NZ J Surg** 1984 Dec;54(6):553–7

Acquired spondylolisthesis following scoliosis surgery. A case report. Friedman RJ, et al. **Clin Orthop** 1984 Nov;(190):132–4

Treatment of scoliosis in Duchenne muscular dystrophy. Sussman MD. **Dev Med Child Neurol** 1985 Aug;27(4):522–4

The Risser plaster corset as the only method of correction in the surgical treatment of scoliosis. A study of 150 cases. Zagra A, et al. **Ital J Orthop Traumatol** 1985 Mar;11(1):67–73

Patient preferences in surgery for scoliosis. Bunch WH, et al. **J Bone Joint Surg [Am]** 1985 Jun;67(5):794–9

Thoracic lordoscoliosis in neurofibromatosis: treatment by a Harrington rod with sublaminar wiring. Report of two cases [letter] Dickson RA. **J Bone Joint Surg [Am]** 1985 Jun;67(5):822–3

Thoracic lordoscoliosis in neurofibromatosis: treatment by a Harrington rod with sublaminar wiring. Report of two cases. Winter RB. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1102–6

Posterior spinal arthrodesis for congenital scoliosis. An analysis of the cases of two hundred and ninety patients, five to nineteen years old. Winter RB, et al. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1188–97

Growth arrest for progressive scoliosis. Combined anterior and posterior fusion of the convexity. Andrew T, et al. **J Bone Joint Surg [Br]** 1985 Mar;67(2):193–7

Intra-operative awakening to monitor spinal cord function during scoliosis surgery. Description of the technique and report of four cases. Dorgan JC, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):716–9

Progressive spasticity and scoliosis in children with myelomeningocele. Radiological investigation and surgical treatment. Park TS, et al. **J Neurosurg** 1985 Mar;62(3):367–75

Infantile idiopathic scoliosis in hemihypertrophy with haemangiomatosis. Carvell JE, et al. **J R Coll Surg Edinb** 1984 Sep;29(5):321–5

Spondylolysis after spinal instrumentation in osteogenesis imperfecta. Barrack RL, et al. **South Med J** 1984 Nov;77(11):1453–4

Clinical evaluation of spinal cord monitoring in scoliosis surgery. Bradshaw K, et al. **Spine** 1984 Sep;9(6):636–43

Fracture of the spine after spinal fusion for idiopathic scoliosis. Tuffley DJ, et al. **Spine** 1984 Jul–Aug;9(5):538–9

[Halo-traction] Ma JK. **Chung Hua Wai Ko Tsa Chih** 1984 Aug;22(8):491–2, 511 (Eng. Abstr.) (Chi)

[Scoliosis treated with Harrington's instrumentation in children] Pan SC. **Chung Hua Wai Ko Tsa Chih** 1984 Sep;22(9):537–9, 573 (Eng. Abstr.) (Chi)

[Posterior spinal fusion in idiopathic scoliosis] Zhang ZH. **Chung Hua Wai Ko Tsa Chih** 1984 Oct;22(10):621–2, 640 (Eng. Abstr.) (Chi)

[Surgical treatment of spinal deformities in very young individuals] Vlach O, et al. **Acta Chir Orthop Traumatol Cech** 1985 Jun;52(3):226–35 (Eng. Abstr.) (Cze)

[Scoliosis and diastematomyelia] Vlach O, et al. **Acta Chir Orthop Traumatol Cech** 1984 Jul;51(4):309–13 (Eng. Abstr.) (Cze)

[A new technic for segmental spinal osteosynthesis using the posterior approach] Cotrel Y, et al. **Rev Chir Orthop** 1984;70(6):489–94 (Eng. Abstr.) (Fre)

[Long-term course of lumbar curvature following Harrington instrumentation for thoracic or double major idiopathic scoliosis] Michel CR, et al. **Rev Chir Orthop** 1985;71(3):187–93 (Eng. Abstr.) (Fre)

[The Armstrong procedure in scoliosis surgery. Clinical, biomechanical and tridimensional study] Romaña C, et al. **Rev Chir Orthop** 1985;71(2):111–8 (Eng. Abstr.) (Fre)

[Characteristics of the surgical treatment of funnel chest associated with curvature of the spine in children] Fishchenko VIa, et al. **Klin Khir** 1985;(6):31–4 (Eng. Abstr.) (Rus)

[Corrector for surgery of the spine (1st clinical attempt at application)] Rodnianskiĭ LL, et al. **Ortop Travmatol Protez** 1984 Aug;(8):36–40 (Eng. Abstr.) (Rus)

[Complications, errors and hazards of the surgical correction of the spine and thorax in severe forms of scoliosis] Shevchenko SD. **Ortop Travmatol Protez** 1985 Mar;(3):63–9 (Rus)

THERAPY

Psychosocial adaptation to wearing the Milwaukee brace for scoliosis. A pilot study of adolescent females and their mothers. Gratz RR, et al. **J Adolesc Health Care** 1984 Oct;5(4):237–42

Conservative treatment for idiopathic scoliosis. Dickson RA. **J Bone Joint Surg [Br]** 1985 Mar;67(2):176–81

To brace or not to brace? [editorial] Edgar MA. **J Bone Joint Surg [Br]** 1985 Mar;67(2):173–4

Role of exercises in the Milwaukee brace treatment of scoliosis. Carman D, et al. **J Pediatr Orthop** 1985 Jan–Feb;5(1):65–8

Behavioral method for the treatment of idiopathic scoliosis. Dworkin B, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2493–7

Long-term anatomic and functional changes in patients with adolescent idiopathic scoliosis treated with the Milwaukee brace. Cochran T, et al. **Spine** 1985 Mar;10(2):127–33

Effectiveness of braces in mild idiopathic scoliosis. Miller JA, et al. **Spine** 1984 Sep;9(6):632–5

[Treatment of progressive idiopathic scoliosis using braces: a follow-up study] Schüller HM, et al. **Ned Tijdschr Geneeskd** 1985 Jun 15;129(24):1145–50 (Eng. Abstr.) (Dut)

[Therapeutic indications in scoliosis of Duchenne muscular dystrophy. Apropos of 10 cases] Rideau Y. **Rev Chir Orthop** 1984;70(7):567–76 (Eng. Abstr.) (Fre)

[Spinal traction syndrome (cast syndrome)—etiology, diagnosis, therapy and prevention] Ehricht HG, et al. **Beitr Orthop Traumatol** 1985 May;32(5):234–40 (Eng. Abstr.) **(Ger)**

[State of the neuromuscular system in patients with scoliosis during adaptation and complex sanatorium-health resort treatment] Burygina AD, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May–Jun;(3):22–5 (Eng. Abstr.) **(Rus)**

[Changes in the neuromuscular system of children with dysplastic scoliosis during health resort treatment including mud therapy] Golubova TF. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar–Apr;(2):58–60 **(Rus)**

[Effect of balneotherapy on the functional state of the cardiopulmonary system in children with scoliosis] Sarchuk VN. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May–Jun;(3):25–9 (Eng. Abstr.) **(Rus)**

[New trends in the treatment of scoliotic deformities of the spine in children and adults] Filipović MS. **Srp Arh Celok Lek** 1984 Mar;112(3):355–61 (Eng. Abstr.) **(Scc)**

VETERINARY

Idiopathic scoliosis in a newborn sea otter, Enhydra lutris (L.). Giddens WE, et al. **J Wildl Dis** 1984 Jul;20(3):248–50

SCOPOLAMINE

Intramuscular midazolam. A comparison of midazolam with papaveretum and hyoscine for intramuscular premedication. McAteer EJ, et al. **Anaesthesia** 1984 Dec;39(12):1177–82

ADMINISTRATION & DOSAGE

Transdermally administered scopolamine vs. dimenhydrinate. II. Effect on different types of nystagmus. Pyykkö I, et al. **Acta Otolaryngol (Stockh)** 1985 May–Jun;99(5–6):597–604

Transdermally administered scopolamine vs. dimenhydrinate. I. Effect on nausea and vertigo in experimentally induced motion sickness. Pyykkö I, et al. **Acta Otolaryngol (Stockh)** 1985 May–Jun;99(5–6):588–96

Transdermal therapeutic system scopolamine (TTSS), dimenhydrinate, and placebo—a comparative study at sea. Noy S, et al. **Aviat Space Environ Med** 1984 Nov;55(11):1051–4

More on Transderm Scop patches [letter] **N Engl J Med** 1984 Nov 22;311(21):1377–8

Transdermal scopolamine and basal acid secretion [letter] Gleiter CH, et al. **N Engl J Med** 1984 Nov 22;311(21):1378

Transdermal therapeutic systems (Part 2). Parikh NH, et al. **Pharm Acta Helv** 1985;60(2):34–8

Transdermal scopolamine [letter] Synder GB. **Plast Reconstr Surg** 1984 Nov;74(5):729

[Transdermally applied scopolamine for continuous prevention of motion sickness. Revival of a 150-year-old method] Becker G. **Schweiz Rundsch Med Prax** 1985 Mar 12;74(11):271–6 (Eng. Abstr.) **(Ger)**

ADVERSE EFFECTS

Psychosis due to transdermally administered scopolamine. MacEwan GW, et al. **Can Med Assoc J** 1985 Sep 1;133(5):431–2

Dermatitis due to transdermal therapeutic systems. Fisher AA. **Cutis** 1984 Dec;34(6):526–7, 530–1

Effects of transdermal scopolamine upon psychological test performance at sea. Parrott AC, et al. **Eur J Clin Pharmacol** 1985;28(4):419–23

Use of scopolamine for dental anesthesia and analgesia techniques. Finder RL, et al. **J Oral Maxillofac Surg** 1984 Dec;42(12):802–4

Anisocoria from scopolamine patches [letter] **JAMA** 1985 Oct 4;254(13):1720–1

Anisocoria from scopolamine patches [letter] Price BH. **JAMA** 1985 Mar 15;253(11):1561

You better look behind the ears. Gonzalez JJ. **NC Med J** 1984 Oct;45(10):649

METABOLISM

Quantitative in vivo receptor binding. II. Autoradiographic imaging of muscarinic cholinergic receptors. Frey KA, et al. **J Neurosci** 1985 Sep;5(9):2407–14

PHARMACODYNAMICS

Antagonism of physostigmine induced lethality by a combination of scopolamine and methscopolamine. Janowsky DS, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb;56(2):154–7

The effects of scopolamine upon verbal memory: evidence for an attentional hypothesis. Dunne MP, et al. **Acta Psychol (Amst)** 1985 Mar;58(3):205–17

Effects of scopolamine on spontaneous alternation and shuttle avoidance in rats exposed to alcohol in utero. Rockwood GA, et al. **Alcohol** 1985 Jul–Aug;2(4):575–9

The effects of swallowing frequency and transdermal scopolamine on esophageal acid clearance. Allen ML, et al. **Am J Gastroenterol** 1985 Sep;80(9):669–72

Scopolamine, morphine, and brain-stem auditory evoked potentials in awake monkeys. Samra SK, et al. **Anesthesiology** 1985 Apr;62(4):437–41

The effects of intravenous diazepam and hyoscine upon recognition memory. Richardson JT, et al. **Behav Brain Res** 1984 Dec;14(3):193–9

Effects of serotonergic and cholinergic antagonists on suckling behavior of neonatal, infant, and weanling rat pups. Ristine LA, et al. **Behav Neural Biol** 1984 Jul;41(2):99–126

Comparison of the cognitive effects of premedication with hyoscine and atropine. Anderson S, et al. **Br J Anaesth** 1985 Feb;57(2):169–73

The effect of activated charcoal and hyoscine butylbromide alone and in combination on the absorption of mefenamic acid. el-Bahie N, et al. **Br J Clin Pharmacol** 1985 Jun;19(6):836–8

The molal volumes of atropine and hyoscine in relation to their respective potencies. Cohen S, et al. **Br J Pharmacol** 1984 Nov;83(3):807–11

The long-term increase of baseline and reflexly augmented levels of human vagal-cardiac nervous activity induced by scopolamine. Dibner-Dunlap ME, et al. **Circulation** 1985 Apr;71(4):797–804

Block of the hyoscine-resistant opiate withdrawal contracture of ileum by a new substance P antagonist [D-Arg1,D-Phe5,D- Trp7,9,Leu 11]substance P. Tsou K, et al. **Eur J Pharmacol** 1985 Mar 26;110(1):155–6

Relationship between heterosynaptic reflex facilitation and acquisition of the nictitating membrane response in control and scopolamine-injected rabbits. Harvey JA, et al. **J Neurosci** 1985 Mar;5(3):596–602

Interaction of choline and scopolamine in human memory. Mohs RC, et al. **Life Sci** 1985 Jul 15;37(2):193–7

Cholinergic drug effects and brain muscarinic receptor binding in aged rats. Pedigo NW Jr, et al. **Neurobiol Aging** 1984 Fall;5(3):227–33

Intracerebral scopolamine administration attenuates Pavlovian heart rate conditioning in the rabbit. Powell DA, et al. **Pavlov J Biol Sci** 1985 Jul–Sep;20(3):116–23

Differential effects of d-amphetamine and scopolamine on the ontogeny of rearing. Bauer RH. **Pharmacol Biochem Behav** 1984 Aug;21(2):321–3

Scopolamine degrades spatial working memory but spares spatial reference memory: dissimilarity of anticholinergic effect and restriction of distal visual cues. Beatty WW, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):1–6

Effects of intrastriatal and intracortical scopolamine on behavior in rats. Chambers LK, et al. **Pharmacol Biochem Behav** 1984 Sep;21(3):471–3

Alteration of the rat exocrine pancreas after chronic scopolamine administration. Morisset J, et al. **Pharmacology** 1985;30(6):308–13

Development of mouse activity, stimulus reactivity, habituation, and response to amphetamine and scopolamine. Alleva E, et al. **Physiol Behav** 1985 Apr;34(4):519–23

Scopolamine impairs the response-to-change following observation of the environment but not after its exploration by the rat. Lukaszewska I, et al. **Physiol Behav** 1985 Apr;34(4):625–9

Effects of oral scopolamine on human stimulus evaluation. Callaway E, et al. **Psychopharmacology (Berlin)** 1985;85(2):133–8

Transdermally applied scopolamine does not impair psychomotor performance. Gleiter CH, et al. **Psychopharmacology (Berlin)** 1984;83(4):397–8

The effects of morphine and scopolamine on auditory discrimination in squirrel monkeys. Milar KS, et al. **Psychopharmacology (Berlin)** 1985;85(2):148–50

Cholinergic learning deficits in the marmoset produced by scopolamine and ICV hemicholinium. Ridley RM, et al. **Psychopharmacology (Berlin)** 1984;83(4):340–5

The separate and combined effects of scopolamine and nicotine on human information processing. Wesnes K, et al. **Psychopharmacology (Berlin)** 1984;84(1):5–11

The effects of intravenous diazepam and hyoscine upon human memory. Frith CD, et al. **Q J Exp Psychol [A]** 1984 Feb;36(1):133–44

[Effect of scopolamine on action potential of myocardial cell of guinea pig] Li ZY. **Chung Kuo Yao Li Hsueh Pao** 1984 Sep;5(3):170–3 (Eng. Abstr.) **(Chi)**

[Vasodilatory actions of four atropine-like drugs on the rat foot-pad] Wang WJ. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar;6(1):26–9 (Eng. Abstr.) **(Chi)**

THERAPEUTIC USE

Transderm scopolamine efficacy related to time of application prior to the onset of motion. Levy GD, et al. **Aviat Space Environ Med** 1985 Jun;56(6):591–3

The effects of TTS-scopolamine, dimenhydrinate, lidocaine, and tocainide on motion sickness, vertigo, and nystagmus. Pyykkö I, et al. **Aviat Space Environ Med** 1985 Aug;56(8):777–82

Influence of transdermal scopolamine on motion sickness during 7 days' exposure to heavy seas. van Marion WF, et al. **Clin Pharmacol Ther** 1985 Sep;38(3):301–5

Transdermal hyoscine (Scopolamine). A preliminary review of its pharmacodynamic properties and therapeutic efficacy. Clissold SP, et al. **Drugs** 1985 Mar;29(3):189–207 (60 ref.)

Transdermal scopolamine for peripheral vertigo (a double-blind study). Rahko T, et al. **J Laryngol Otol** 1985 Jul;99(7):653–6

Atropine or hyoscine in treatment of acute organophosphate poisoning? [letter] Sanderson DM. **Lancet** 1985 May 18;1(8438):1168

Atropine or hyoscine in treatment of acute organophosphate poisoning? [letter] Stein CM, et al. **Lancet** 1985 Apr 6;1(8432):823–4

Transdermal scopolamine in motion sickness. Cronin CM, et al. **Pharmacotherapy** 1982 Jan–Feb;2(1):29–31

Cognitive and behavioral sensitivity to scopolamine in Alzheimer patients and controls. Sunderland T, et al. **Psychopharmacol Bull** 1985;21(3):676–9

[Prevention of motion sickness with a transdermal therapeutic system containing scopolamine. A randomized, comparative double-blind study in the German Federal Navy] Becker G, et al. **Dtsch Med Wochenschr** 1984 Dec 7;109(49):1881–5 (Eng. Abstr.) **(Ger)**

SCOPOLAMINE DERIVATIVES

CHEMICAL SYNTHESIS

[Synthesis of anticholinergically active N-alkylnorscopolamines and their quaternary salts with special consideration of the bronchospasmolytic (-)-N-ethylnorscopolamine methobromide (Ba 253 BR)] Banholzer VR, et al. **Arzneimittelforsch** 1985;35(1A):217–28 (Eng. Abstr.) **(Ger)**

METABOLISM

Anomalous binding of [3H]N-methylscopolamine to rat brain muscarinic receptors. Lee JH, et al. **Eur J Pharmacol** 1985 Apr 2;110(2):263–6

[Biochemical studies with oxitropium bromide. 1. Pharmacokinetics and metabolism in the rat and dog] Wahl D, et al. **Arzneimittelforsch** 1985;35(1A):255–65 (Eng. Abstr.) **(Ger)**

[Biochemical studies with oxitropium bromide. 2. Pharmacokinetics and metabolism in humans] Wahl D, et al. **Arzneimittelforsch** 1985;35(1A):266–72 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Antagonism of physostigmine induced lethality by a combination of scopolamine and methscopolamine. Janowsky DS, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb;56(2):154–7

Cimetropium: characterization of antimuscarinic and spasmolytic properties. Schiavone A, et al. **Arzneimittelforschung** 1985;35(5):796–9

Chronotropic and dromotropic effects of atropine and hyoscine methobromide in unanaesthetized dogs. Kantelip JP, et al. **Br J Anaesth** 1985 Feb;57(2):214–9

[Effect of anisodine and other cholinergic drugs on conditioned response of the hippocampal theta rhythm in rabbits] Han YF, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Sep;5(3):166–70 (Eng. Abstr.) **(Chi)**

[Vasodilatory actions of four atropine-like drugs on the rat foot-pad] Wang WJ. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar;6(1):26–9 (Eng. Abstr.) **(Chi)**

[Pharmacology of the bronchospasmolytic oxitropium bromide] Bauer VR. **Arzneimittelforsch** 1985;35(1A):435–40 (Eng. Abstr.) **(Ger)**

[Biochemical studies on muscarinic cholinergic receptors of the rat brain: specific labeling of this protein using the photoaffinity method] Moreno-Yanes JA, et al. **Acta Cient Venez** 1984;35(1):48–57 (Eng. Abstr.) **(Spa)**

SCOPOLETIN see under **UMBELLIFERONES**

SCORBUTUS see **SCURVY**

SCORPION VENOMS

Preliminary X-ray investigation of variant-2 scorpion toxin from Centruroides sculpturatus Ewing. Evidence of a reversible transition between crystal forms. Ealick SE, et al. **J Biol Chem** 1984 Oct 10;259(19):12081–3

[Secondary structure and assignment of signals in two-dimensional 1H-NMR spectra of the Buthus eupeus neurotoxin I5A] Arsen'ev AS, et al. **Bioorg Khim** 1983 Jun;9(6):768–93 (Eng. Abstr.) **(Rus)**

[Conformation NMR analysis of the spatial structure of Buthus eupeus insectotoxin I5A] Arsen'ev AS, et al. **Bioorg Khim** 1983 Dec;9(12):1667–89 (Eng. Abstr.) **(Rus)**

[Amino acid sequence of 2 neurotoxins from the scorpion Buthus eupeus venom] Volkova TM, et al. **Bioorg Khim** 1984 Jul;10(7):979–82 (Eng. Abstr.) **(Rus)**

ANALYSIS

An excitatory and a depressant insect toxin from scorpion venom both affect sodium conductance and possess a common binding site. Zlotkin E, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):877–87

Purification and amino acid sequence of toxin I' from the venom of the North African scorpion Androctonus australis Hector. Martin MF, et al. **Toxicon** 1984;22(5):695–703

Characterization of ten proteins from the venom of the Moroccan scorpion Androctonus mauretanicus mauretanicus, six of which are toxic to the mouse. Rosso JP, et al. **Toxicon** 1985;23(1):113–25

[Toxic components of the venom of the Central Asian scorpion, Orthochirus scrobiculosus] Volkova TM, et al. **Bioorg Khim** 1984 Aug;10(8):1100-8 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Biochemical and electrophysiological characteristics of toxins isolated from the venom of the scorpion Centruroides sculpturatus. Meves H, et al. **J Physiol (Paris)** 1984; 79(4):185-91

METABOLISM

Differential labeling of the alpha and beta 1 subunits of the sodium channel by photoreactive derivatives of scorpion toxin. Sharkey RG, et al. **Biochemistry** 1984 Dec 4; 23(25):6078-86

Changes in the ratio of two separate toxin binding sites on the sodium channel protein during rat brain development. Baumgold J. **Brain Res** 1985 Jan;349(1-2):271-4

New scorpion toxins with a very high affinity for Na+ channels. Biochemical characterization and use for the purification of Na+ channels. Barhanin J, et al. **J Physiol (Paris)** 1984;79(4):304-8

PHARMACODYNAMICS

Effect of Tityus gamma toxin on the activation process in sodium channels of frog myelinated nerve. Zaborovskaya LD, et al. **Gen Physiol Biophys** 1985 Feb;4(1):101-3

Impact of scorpion Heterometrus fulvipes venom on cholinesterase rhythmicity in the tropical mouse Mus booduga. Narayana Reddy BS, et al. **Indian J Physiol Pharmacol** 1984 Jan-Mar;28(1):47-52

Voltage clamp analysis of sodium channels in normal and scorpion toxin-resistant neuroblastoma cells. Gonoi T, et al. **J Neurosci** 1984 Nov;4(11):2836-42

Selective modification of the squid axon Na currents by Centruroides noxius toxin II-10. Carbone E, et al. **J Physiol (Paris)** 1984;79(4):179-84

Effects of several sea anemone and scorpion toxins on excitability and ionic currents in the giant axon of the cockroach. Pelhate M, et al. **J Physiol (Paris)** 1984; 79(4):309-17

Effect of toxin 1 from Androctonus australis Hector on sodium currents in giant axons of Loligo forbesi. Pichon Y, et al. **J Physiol (Paris)** 1984;79(4):318-26

Interaction of scorpion toxins with the sodium channel. Rochat H, et al. **J Physiol (Paris)** 1984;79(4):334-7

A new scorpion toxin with a very high affinity for sodium channels. An electrophysiological study. Vijverberg HP, et al. **J Physiol (Paris)** 1984;79(4):275-9

Charybdotoxin, a protein inhibitor of single Ca2+-activated K+ channels from mammalian skeletal muscle. Miller C, et al. **Nature** 1985 Jan 24-30;313(6000):316-8

Voltage-dependent effect of a scorpion toxin on sodium current inactivation. Meves H, et al. **Pflugers Arch** 1984 Sep;402(1):24-33

A monoclonal immunotoxin acting on the Na+ channel, with properties similar to those of a scorpion toxin. Barhanin J, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1842-6

SCORPIONS

Purification and partial characterization of an erythroagglutinin from the hemolymph of scorpion, Heterometrus bengalensis. Basu PS, et al. **Biochimie** 1984 Jun;66(6):487-91

Preliminary X-ray investigation of variant-2 scorpion toxin from Centruroides sculpturatus Ewing. Evidence of a reversible transition between crystal forms. Ealick SE, et al. **J Biol Chem** 1984 Oct 10;259(19):12081-3

[Anti-scorpion control in the governorship of Sidi Bouzid (Tunisia)] Champetier de Ribes G, et al. **Bull Soc Pathol Exot Filiales** 1984;77(5):712-6 (Eng. Abstr.) **(Fre)**

ANALYSIS

Immunological correspondence between arthropod hemocyanin subunits. I. Scorpion (Leiurus, Androctonus) and spider (Eurypelma, Cupiennius) hemocyanin. Markl J, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jun; 365(6):619-31

ANATOMY & HISTOLOGY

Electron microscopic and optical diffraction analysis of the structure of scorpion muscle thick filaments. Kensler RW, et al. **J Cell Biol** 1985 Aug;101(2):395-401

Three-dimensional reconstruction of thick filaments from Limulus and scorpion muscle. Stewart M, et al. **J Cell Biol** 1985 Aug;101(2):402-11

ULTRASTRUCTURE

The ultrastructure of hemocytopoietic organs in the desert scorpion, Paruroctonus. Farley RD. **Tissue Cell** 1984; 16(4):577-88

SCOTOMA

DIAGNOSIS

Scintillating scotoma as the first symptom of systemic lupus erythematosus. Honda Y. **Am J Ophthalmol** 1985 May 15; 99(5):607

ETIOLOGY

Traumatic bilateral homonymous hemianopic scotomas. Halpern JI, et al. **Ann Ophthalmol** 1980 Sep;12(9):1022-6

Visual field recovery from scotoma in patients with postgeniculate damage. A review of 55 cases. Zihl J, et al. **Brain** 1985 Jun;108 (Pt 2):335-65

Spatial contrast sensitivity in macular disorder. Mitra S. **Doc Ophthalmol** 1985 Apr 30;59(3):247-67

Cecocentral scotomas in gliomatosis cerebri. Spector RT, et al. **J Clin Neuro Ophthalmol** 1984 Dec;4(4):229-38

FAMILIAL & GENETIC

The inheritance of Leber's disease. A genealogical follow-up study. Seedorff T. **Acta Ophthalmol (Copenh)** 1985 Apr; 63(2):135-45

PATHOLOGY

Junction scotoma and involvement of the optochiasmal junction. Saito T, et al. **Jpn J Ophthalmol** 1985;29(1):71-8

PHYSIOPATHOLOGY

Variable effects of pathologic scotomata on wave form of pattern-reversal visual evoked response. Blumhardt LD. **Doc Ophthalmol** 1985 Feb;59(2):107-19

Horizontal fusional responses to stimuli containing artificial scotomas. Boman DK, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1051-6

Reduction of body sway by stimuli imaged within a cortical scotoma: a case study. Raymond JE, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):1021-4

SCOTOPHOBIN see under **PEPTIDES**

SCRAPIE

Retinal degeneration in experimental scrapie after intraperitoneal or subcutaneous inoculation of hamsters. Buyukmihci N, et al. **Exp Neurol** 1985 May;88(2):461-6

BLOOD

[Blood serotonin and histamine in sheep with endemic scrapie: initial results] Chatelain J, et al. **C R Soc Biol (Paris)** 1984;178(6):664-70 (Eng. Abstr.) **(Fre)**

DRUG THERAPY

Influence of aminasine on experimental scrapie in mice. Roikhel VM, et al. **Acta Virol (Praha)** 1984 Jul;28(4):321-4

ENZYMOLOGY

Brain glutamate decarboxylase and cholinergic enzyme activities in scrapie. Iqbal K, et al. **J Neurol Sci** 1985 Mar; 67(3):345-50

Early changes in tyrosine hydroxylase and glutamate decarboxylase activity in the golden hamster striatum after intracerebral inoculation of the nigrostriatal system with scrapie agent (strain 263 K). Durand-Gorde JM, et al. **Neurosci Lett** 1984 Sep 28;51(1):37-42

ETIOLOGY

Pathogenesis of mouse scrapie: dynamics of vacuolation in brain and spinal cord after intraperitoneal infection. Cole S, et al. **Neuropathol Appl Neurobiol** 1985 May-Jun; 11(3):213-27

[Prion diseases?] Diringer H. **Dtsch Med Wochenschr** 1985 May 17;110(20):819 **(Ger)**

FAMILIAL & GENETIC

A cellular gene encodes scrapie PrP 27-30 protein. Oesch B, et al. **Cell** 1985 Apr;40(4):735-46

Sheep major histocompatibility complex OLA: gene frequencies in two French breeds with scrapie. Evidence for a linkage between OLA and resistance or susceptibility to the disease. Millot P, et al. **Immunogenetics** 1985; 21(2):117-23

Genetic control of amyloid plaque production and incubation period in scrapie-infected mice. Bruce ME, et al. **J Neuropathol Exp Neurol** 1985 May;44(3):285-94

Oncogenes in scrapie and Creutzfeldt-Jacob disease [letter] Oppenheimer SJ. **J R Soc Med** 1985 Apr;78(4):347

IMMUNOLOGY

Serum and cerebrospinal fluid concentrations of immunoglobulin G in Suffolk sheep with scrapie. Strain GM, et al. **Am J Vet Res** 1984 Sep;45(9):1812-3

The 200- and 150-kDa neurofilament proteins react with IgG autoantibodies from chimpanzees with kuru or Creutzfeldt-Jakob disease; a 62-kDa neurofilament-associated protein reacts with sera from sheep with natural scrapie. Toh BH, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3894-6

ConA induced suppressor cells in scrapie-infected mice. Elleman CJ. **Vet Immunol Immunopathol** 1985 Jan; 8(1-2):79-82

Selection of Swaledale sheep of reduced susceptibility to experimental scrapie. Davies DC, et al. **Vet Rec** 1985 Feb 23;116(8):211-4

METABOLISM

Molecular characteristics of the major scrapie prion protein. Bolton DC, et al. **Biochemistry** 1984 Dec 4;23(25):5898-906

Monoamine abnormalities in the brain of scrapie-infected rats. Bassant MH, et al. **Brain Res** 1984 Aug 6;308(1):182-5

Identification of prion amyloid filaments in scrapie-infected brain. DeArmond SJ, et al. **Cell** 1985 May;41(1):221-35

Focusing on the nature of the scrapie agent. Robertson HD, et al. **Cell** 1985 Apr;40(4):725-7 (24 ref.)

Characterization of lipids in membrane vesicles from scrapie-infected hamster brain. Dees C, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):861-70

Characterization of proteins in membrane vesicles from scrapie-infected hamster brain. Dees C, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):851-9

Comparison of RNA from healthy and scrapie-infected hamster brain. German TL, et al. **J Gen Virol** 1985 Apr; 66 (Pt 4):839-44

Characterization of nucleic acids in membrane vesicles from scrapie-infected hamster brain. Dees C, et al. **J Virol** 1985 Jul;55(1):126-32

Choline acetyltransferase activity and [3H]quinuclidinylbenzilate binding in brains of scrapie-infected hamsters. Masullo C, et al. **Neurosci Lett** 1984 Sep 28;51(1):87-92

Specific proteins associated with Creutzfeldt-Jakob disease and scrapie share antigenic and carbohydrate determinants. Manuelidis L, et al. **Proc Natl Acad Sci USA** 1985 Jun; 82(12):4263-7

MICROBIOLOGY

Experimental infection of fetal and newborn Suffolk sheep with scrapie virus. Hadlow WJ, et al. **Am J Vet Res** 1984 Dec;45(12):2637-9

Sustained viremia in experimental hamster scrapie. Brief report. Diringer H. **Arch Virol** 1984;82(1-2):105-9

Nature of the scrapie agent: current status of facts and hypotheses. Carp RI, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1357-68 (84 ref.)

Occurrence of ovine scrapie in Japan: clinical and histological findings in mice inoculated with brain homogenates of an affected sheep. Shinagawa M, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):913-6

[Short review on the causative agent of scrapie] Dianoux L, et al. **Ann Rech Vet** 1985;16(1):3-6 **(Fre)**

[Prion antibodies and structure analysis clarify questions about atypical viruses. Prion structure under the electron microscope] Lindell B. **Lakartidningen** 1985 Feb 6; 82(6):406-9 **(Swe)**

OCCURRENCE

The occurrence of scrapie of sheep in Japan. Taniyama H, et al. **Nippon Juigaku Zasshi** 1984 Oct;46(5):741-4

PATHOLOGY

Degenerative hippocampal pathology in mice infected with scrapie. Scott JR, et al. **Acta Neuropathol (Berl)** 1984; 65(1):62-8

Scrapie and Alzheimer's disease. Bruce ME. **Psychol Med** 1984 Aug;14(3):497-500

[Spongiform encephalopathy in mice inoculated with scrapie material of sheep origin] Sasaki S, et al. **No To Shinkei** 1984 Sep;36(9):903-10 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

Effect of hyperbaric oxygenation on experimental scrapie in mice. Roikhel VM, et al. **Acta Virol (Praha)** 1984 Jul; 28(4):294-9

Isonicotinic hydrazide causes seizures in scrapie-infected hamsters with shorter latency than in control animals: a possible GABAergic defect. Pocchiari M, et al. **Brain Res** 1985 Feb 4;326(1):117-23

Asymmetry of retinal lesions in experimental scrapie after intracerebral inoculation of hamsters. Buyukmihci N, et al. **Exp Neurol** 1985 Jan;87(1):172-6

Serotoninergic system in scrapie-infected hamsters. Pocchiari M, et al. **J Neurochem** 1985 Mar;44(3):862-8

SCRAPIE VIRUS

Prions: novel infectious pathogens. Prusiner SB. **Adv Virus Res** 1984;29:1-56 (283 ref.)

Focusing on the nature of the scrapie agent. Robertson HD, et al. **Cell** 1985 Apr;40(4):725-7 (24 ref.)

Preparation of growth hormone free from contamination with unconventional slow viruses. Taylor DM, et al. **Lancet** 1985 Aug 3;2(8449):260-2

Creutzfeldt-Jakob disease prion proteins in human brains. Bockman JM, et al. **N Engl J Med** 1985 Jan 10;312(2):73-8

Scrapie. Persistently puzzling prions [news] Harris T. **Nature** 1985 May 23-29;315(6017):275

Perspectives on prions [news] Masters C. **Nature** 1985 Mar 7-13;314(6006):15-6

ANALYSIS

Scrapie PrP 27-30 is a sialoglycoprotein. Bolton DC, et al. **J Virol** 1985 Feb;53(2):596-606

GENETICS

Identification of scrapie prion protein-specific mRNA in scrapie-infected and uninfected brain. Chesebro B, et al. **Nature** 1985 May 23-29;315(6017):331-3

The infectious nature of prions [letter] Erickson RP. **Nature** 1985 Jun 13-19;315(6020):546

GROWTH & DEVELOPMENT

In vitro replication of scrapie agent in a neuronal model: infection of PC12 cells. Rubenstein R, et al. **J Gen Virol** 1984 Dec;65 (Pt 12):2191-8

IMMUNOLOGY

Antibodies to the scrapie protein decorate prion rods. Barry RA, et al. **J Immunol** 1985 Jul;135(1):603-13

Scrapie and Creutzfeldt-Jakob disease prion proteins share physical properties and antigenic determinants. Bendheim PE, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):997-1001

ISOLATION & PURIFICATION

Equilibrium density gradient centrifugation of the scrapie agent in Nycodenz. Marsh RF, et al. **J Gen Virol** 1984 Nov;65 (Pt 11):1963-8

Occurrence of ovine scrapie in Japan: clinical and histological findings in mice inoculated with brain homogenates of an affected sheep. Shinagawa M, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):913-6

PATHOGENICITY

Effects of in vitro infection of mouse glial and neuroblastoma cells with the scrapie agent. Markovits P, et al. **Ann Rech Vet** 1985;16(1):111-9

Competition between strains of scrapie depends on the blocking agent being infectious. Kimberlin RH, et al. **Intervirology** 1985;23(2):74-81

PHYSIOLOGY

Nature of the scrapie agent: current status of facts and hypotheses. Carp RI, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1357-68 (84 ref.)

Attempts to establish the scrapie agent in cell lines. Elleman CJ. **Vet Res Commun** 1984 Nov;8(4):309-16

RADIATION EFFECTS

Inactivation of the scrapie agent by ultraviolet irradiation in the presence of chlorpromazine. Dees C, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):845-9

ULTRASTRUCTURE

Biochemical differences among scrapie-associated fibrils support the biological diversity of scrapie agents. Kascsak RJ, et al. **J Gen Virol** 1985 Aug;66 (Pt 8):1715-22

[Prion antibodies and structure analysis clarify questions about atypical viruses. Prion structure under the electron microscope] Lindell B. **Lakartidningen** 1985 Feb 6; 82(6):406-9 **(Swe)**

SCREW WORM INFECTION see under **MYIASIS**

SCROFULA see **TUBERCULOSIS, LYMPH NODE**

SCROTUM

Elephantiasis of the penis and scrotum. A review of 350 cases. Dandapat MC, et al. **Am J Surg** 1985 May;149(5):686-90

The diagnosis and treatment of the acute scrotum in children and adolescents. Knight PJ, et al. **Ann Surg** 1984 Nov; 200(5):664-73

Mule spinner's disease. Castiglione FM Jr, et al. **Arch Dermatol** 1985 Mar;121(3):370-2

Verruciform xanthoma of the scrotum. Kimura S. **Arch Dermatol** 1984 Oct;120(10):1378-9

Scrotal pain [letter] Paterson JK. **Br J Hosp Med** 1985 Jun; 33(6):366

Pain in the scrotum. Yeates WK. **Br J Hosp Med** 1985 Feb; 33(2):101-4

Scrotal cancer in the West Midlands 1936-76. Waldron HA, et al. **Br J Ind Med** 1984 Nov;41(4):437-44

Abdominal wall bile staining and 'biliscrotum' after retroperitoneal perforation following endoscopic sphincterotomy. Neoptolemos JP, et al. **Br J Surg** 1984 Sep;71(9):684

Migration of a dissected peritoneal shunt catheter into the scrotum. Fuwa I, et al. **Brain Dev** 1984;6(3):336-8

Fournier's gangrene. Joo P, et al. **Can J Surg** 1985 Mar; 28(2):180-2

The acutely painful scrotum in children: review of 113 consecutive cases. Anderson PA, et al. **Can Med Assoc J** 1985 May 15;132(10):1153-5

White piedra--a case report and review of the literature. Steinman HK, et al. **Clin Exp Dermatol** 1984 Nov; 9(6):591-8

Evaluation of scrotal edema in a patient on peritoneal dialysis. A case report. Dubin LM, et al. **Clin Nucl Med** 1985 Mar; 10(3):173-4

Combination chemotherapy for the treatment of metastatic basal cell carcinoma of the scrotum. A case report. Cieplinski W. **Clin Oncol** 1984 Sep;10(3):267-72

Cutaneous histiocytoma in a goat. Roth L, et al. **Cornell Vet** 1985 Apr;75(2):303-6

Scrotal imaging. Schick RM. **Hosp Pract [Off]** 1985 Sep 15; 20(9):142-5, 148-9

Idiopathic calcinosis and vitiligo of the scrotum [letter] Feinstein A, et al. **J Am Acad Dermatol** 1984 Sep; 11(3):519-20

Complications from a testicular prosthesis in a stallion. Hinrichs K, et al. **J Am Vet Med Assoc** 1985 Feb 15; 186(4):390-1

Pyocele after appendicectomy. Umapathy A, et al. **J Indian Med Assoc** 1985 Jan;83(1):27

Acute scrotal swelling in children. Caldamone AA, et al. **J Pediatr Surg** 1984 Oct;19(5):581-4

Scrotal calcinosis: calcification of epidermal cysts. Sarma DP, et al. **J Surg Oncol** 1984 Oct;27(2):76-9

Fibromyxomatous pseudotumor of the scrotum. Sarma DP, et al. **J Surg Oncol** 1984 Oct;27(2):116-8

Scrotal lymphocele: a complication of renal transplant surgery. Dierks PR, et al. **J Ultrasound Med** 1985 Feb; 4(2):91-2

Pelvic abscess following appendicitis presenting as a scrotal abscess. Ahlering TE, et al. **J Urol** 1985 Jun;133(6):1058-9

The use of ultrasound for evaluating subacute unilateral scrotal swelling. Pintauro WL, et al. **J Urol** 1985 May; 133(5):799-802

Re: The importance of the cremasteric reflex in acute scrotal swelling in children [letter] Rabinowitz R. **J Urol** 1985 Mar;133(3):488

Pneumoscrotum following tracheal intubation. Redman JF, et al. **J Urol** 1985 Jun;133(6):1056-7

Real-time scrotal ultrasound with a water bath: comparison of results using 5 and 8 MHz. transducers. Vogelzang RL. **J Urol** 1985 Oct;134(4):687-90

Scrotal lymphocele complicating renal transplantation. Kaude JV, et al. **Lymphology** 1984 Sep;17(3):81-2

Microlymphaticovenous anastomosis for treating scrotal elephantiasis. Huang GK, et al. **Microsurgery** 1985; 6(1):36-9

Sarcoidosis presenting as scrotal mass [letter] Kohn DB, et al. **Pediatr Infect Dis** 1985 May-Jun;4(3):302-3

Angiokeratoma of Fordyce: successful treatment with the argon laser. Flores JT, et al. **Plast Reconstr Surg** 1984 Dec; 74(6):835-8

Scrotal calculi: sonographic detection. Linkowski GD, et al. **Radiology** 1985 Aug;156(2):484

Spontaneous scrotal emphysema--a cause of scrotal swelling. Gerdin B, et al. **Scand J Urol Nephrol** 1985;19(1):77-9

Angiokeratoma: a cause of scrotal bleeding. Parrotte DM. **South Med J** 1985 Apr;78(4):487-8

Acute gangrene of the scrotum in a one month old child. Evbuomwan I, et al. **Trop Geogr Med** 1984 Sep; 36(3):299-300

Acute scrotal lesion secondary to barium peritonitis in an infant. Grable MS, et al. **Urology** 1985 May;25(5):499-501

Squamous cell carcinoma of scrotum. Lowe FC. **Urology** 1985 Jan;25(1):63-5

Acute appendicitis presenting as acute left scrotal pain: diagnostic considerations. Wilkins SA Jr, et al. **Urology** 1985 Jun;25(6):634-6

[Peno-scrotal lymphedema and primary syphilis] Rommel A, et al. **Ann Dermatol Venereol** 1984;111(12):1103-6 **(Fre)**

[Echographic differential diagnosis of scrotal contents. A contribution to evaluation of the method] Egender G, et al. **ROFO** 1985 Mar;142(3):304-9 (Eng. Abstr.) **(Ger)**

[Scrotal hernia of the ureter] Ritter MM, et al. **ROFO** 1984 Sep;141(3):361-2 **(Ger)**

[Herniation of a bladder diverticulum into the inguinoscrotal region] Ceraudo E, et al. **Minerva Urol Nefrol** 1984 Jul-Sep;36(3):209-10 (Eng. Abstr.) **(Ita)**

[Malignant fibrous histiocytoma of the scrotum] Kitazono M, et al. **Gan No Rinsho** 1984 Oct;30(13):1732-7 (Eng. Abstr.) **(Jpn)**

[Hemo-lymphangioma of the scrotum and penis] Izumi T, et al. **Hinyokika Kiyo** 1985 Jan;31(1):159-64 (Eng. Abstr.) **(Jpn)**

[Scrotal granuloma caused by Enterobius] Utts RA, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):132-3 **(Rus)**

[Lipoma of the scrotum] Kinel' AV. **Urol Nefrol (Mosk)** 1985 Jan-Feb;(1):55 **(Rus)**

[Scrotal lymphedema: apropos of a case] Aguiló Lucia F, et al. **Actas Urol Esp** 1984 Nov-Dec;8(6):491-2 (Eng. Abstr.) **(Spa)**

[Scrotal leiomyosarcoma] Moreno A, et al. **Med Cutan Ibero Lat Am** 1984;12(5):387-9 (Eng. Abstr.) **(Spa)**

[Ultrasonic examination of the scrotum for the diagnosis of suspected testicular tumor] Varenhorst E, et al. **Lakartidningen** 1984 Sep 12;81(37):3242-3 (Eng. Abstr.) **(Swe)**

ABNORMALITIES

A case of pseudodiphallia. Mizoguchi H, et al. **Eur Urol** 1984; 10(4):282-3

A technique for the correction of penoscrotal fusion. Redman JF. **J Urol** 1985 Mar;133(3):432-3

Reproductive tract anomalies in 2 male cats. Hakala JE. **Mod Vet Pract** 1984 Aug;65(8):629

Complete penoscrotal transposition. Cohen-Addad N, et al. **Urology** 1985 Aug;26(2):149-52

Urethral advancement in management of penoscrotal transposition. Lockhart JL, et al. **Urology** 1985 Apr; 25(4):371-3

[Aarskog's syndrome: study of a new familial group] Baroncini A, et al. **Pathologica** 1983;75 Suppl:153-6 **(Ita)**

[Aarskog's syndrome. Description of a case and endocrinological study] Saggese G, et al. **Pediatr Med Chir** 1983 Nov-Dec;5(6):613-8 (Eng. Abstr.) **(Ita)**

[Accessory scrotum: a case report] Noguchi M, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jul;75(7):1154-60 (Eng. Abstr.) **(Jpn)**

ANATOMY & HISTOLOGY

Anthropometric study of male external genitalia of 320 healthy Nigerian adults. Ajmani ML, et al. **Anthropol Anz** 1985 Jun;43(2):179-86

Scrotal circumference adjustment factors for age and weight differences in beef bulls. Gipson TA, et al. **J Am Vet Med Assoc** 1985 Mar 15;186(6):580-2

INJURIES

Vasocutaneous fistula following scrotal injury. Yasumoto R, et al. **Br J Urol** 1984 Apr;56(2):222

Omental injury in a hernial sac. Sharma AK, et al. **Injury** 1985 Jul;16(7):493

Traumatic torsion of the testis. Elsaharty S, et al. **J Urol** 1984 Dec;132(6):1155-6

Scrotal reconstruction following an avulsion injury. Reid CF, et al. **J Urol** 1985 Apr;133(4):881-2

Replantation of the testis by microsurgical technique. Lin SD, et al. **Plast Reconstr Surg** 1985 Oct;76(4):620-5

Neonatal genital trauma. Finan BF, et al. **Urology** 1985 May; 25(5):532-3

[Self mutilation of external genitalia by men] Sanecka B. **Psychiatr Pol** 1984 Sep-Oct;18(5):507-10 **(Pol)**

INNERVATION

Responses of thalamic and hypothalamic neurons to scrotal warming in rats: non-specific responses? Kanosue K, et al. **Brain Res** 1985 Mar 4;328(2):207-13

PATHOLOGY

Delayed recognition of an intersphincteric abscess as the underlying cause of Fournier's scrotal gangrene. Jamieson NV, et al. **Ann R Coll Surg Engl** 1984 Nov;66(6):434-5

Extraperitoneal gas under the diaphragm. Sole GM, et al. **Br J Surg** 1984 Sep;71(9):722

Polyarteritis nodosa: an unrecognised cause of Fournier's gangrene. Downing R, et al. **Br J Urol** 1985 Jun;57(3):355-6

Is the scrotal testis normal in unilateral cryptorchidism? Kirby RS, et al. **Br J Urol** 1985 Apr;57(2):187-9

Ultrasound examination of the scrotum. Michell MJ, et al. **Br J Urol** 1985 Jun;57(3):346-50

A population-based study of survival after scrotal carcinoma. Roush GC, et al. **Cancer** 1985 Feb 1;55(3):666-71

Hyperbaric oxygen therapy for Fournier's gangrene. Ziser A, et al. **Crit Care Med** 1985 Sep;13(9):773-4

Fournier's disease: necrotizing gangrene of the male genitalia. Mabry RM, et al. **J Emerg Med** 1983;1(2):133-6

High resolution scrotal ultrasonography: a highly sensitive but nonspecific diagnostic technique. Fournier GR Jr, et al. **J Urol** 1985 Sep;134(3):490-3

Scrotal fat necrosis. Hollander JB, et al. **J Urol** 1985 Jul; 134(1):150-1

Fournier's gangrene: 5 patients treated with hyperbaric oxygen. Riegels-Nielsen P, et al. **J Urol** 1984 Nov; 132(5):918-20

Re: Fournier's gangrene: report of 20 patients [letter] Sharifi R, et al. **J Urol** 1984 Dec;132(6):1208-9

Scrotal masses caused by meconium peritonitis: prenatal sonographic diagnosis. Kenney PJ, et al. **Radiology** 1985 Feb;154(2):362

Fournier's gangrene. McGeehan DF, et al. **S Afr Med J** 1984 Nov 10;66(19):734-7

Primary intrascrotal nontesticular schwannoma. Arciola AJ, et al. **Urology** 1985 Sep;26(3):304-6

Sonographic findings in leiomyoma of postorchiectomy scrotum. Giyanani VL, et al. **Urology** 1985 Feb;25(2):204-6

[Fournier's gangrene] Riegels-Nielsen P, et al. **Ugeskr Laeger** 1984 Oct 1;146(40):3022-5 (Eng. Abstr.) **(Dan)**

[Pitfalls in scrotal echotomography] Martin-Lalardrie B, et al. **J Radiol** 1984 Apr;65(4):251-7 (Eng. Abstr.) **(Fre)**

[Fournier's gangrene in a 2-month-old infant] Heemann KF, et al. **Klin Padiatr** 1984 Nov-Dec;196(6):392-3 (Eng. Abstr.) **(Ger)**

[Hemosorption in Fournier's syndrome] Ostapenko VA, et al. **Vestn Khir** 1984 Nov;133(11):79-81 **(Rus)**

PHYSIOLOGY

Striatal neuronal responses to scrotal temperature changes and dopaminergic drugs. Lin MT, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):R108-12

PHYSIOPATHOLOGY

Acute scrotal pain in childhood and adolescence. Solving the dilemma. Murtagh J, et al. **Aust Fam Physician** 1984 Oct;13(10):730

RADIONUCLIDE IMAGING

Testicular scanning in the evaluation of the acute scrotum. Homra CM, et al. **J Ky Med Assoc** 1984 Oct;82(10):514-6

Radiological Seminar CCXLII: role of scintigraphy and ultrasound in evaluation of scrotal mass. Patel BR. **J Miss State Med Assoc** 1985 Mar;26(3):61-3

Value of scrotal scanning. Report of 62 cases. Golimbu M, et al. **Urology** 1985 Jan;25(1):89-92

Comprehensive scrotal flow and scan technique for detection of varicoceles. Marmar JL, et al. **Urology** 1985 May; 25(5):505-10

SURGERY

Blood supply and innervation of the supermedial thigh flap employed in one-stage reconstruction of the scrotum and vulva--an anatomical study. Har-Shai Y, et al. **Ann Plast Surg** 1984 Dec;13(6):504-10

One-stage repair of perineal hypospadias and scrotal transposition. Koyanagi T, et al. **Eur Urol** 1984;10(6):364-7

Orchiopexy: planned 2-stage technique. Steinhardt GF, et al. **J Urol** 1985 Mar;133(3):434-5

Massive scrotal edema as a complication of abdominoplasty. Girardeau JT, et al. **Plast Reconstr Surg** 1985 Oct; 76(4):626-9

Massive deformation of the scrotal wall by idiopathic calcinosis of the scrotum. Theuvenet WJ, et al. **Plast Reconstr Surg** 1984 Oct;74(4):539-43

[Application of scrotal septal vascular pedicle flap in the repair of hypospadias] Li SY, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Feb; 6(1):25-7 (Eng. Abstr.) **(Chi)**

[Thigh fasciocutaneous flap repair of a major perineoscrotal tegumentary avulsion. Apropos of a case] Casey RP, et al. **Ann Chir Plast Esthet** 1985;30(2):175-80 (Eng. Abstr.) **(Fre)**

[Fournier gangrene with involvement of the thigh--radical restoration by exarticulation of the femur. Case report] Jüttner FM, et al. **Urologe [A]** 1985 May;24(3):167-8 (Eng. Abstr.) **(Ger)**

[Remote results of the Shemaker-Petriwalski operation in cryptorchism in children] Sheinbaum MP, et al. **Klin Khir** 1985;(6):54-5 (Eng. Abstr.) **(Rus)**

[Anesthetic block of the spermatic cord in 150 consecutive scrotal surgeries. An incentive to ambulatory surgery] Rodrigues Palma PC, et al. **Arch Esp Urol** 1985 Mar-Apr; 38(2):191-3 (Eng. Abstr.) **(Spa)**

SCRUB TYPHUS

DIAGNOSIS

[Use of the low virulent strain antigens in serological diagnosis of tsutsugamushi disease] Tachibana N, et al. **Kansenshogaku Zasshi** 1984 Jul;58(7):583-9 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

Immunological studies of experimental tsutsugamushi disease in congenitally athymic (nude) mice. Kobayashi Y, et al. **Am J Trop Med Hyg** 1985 May;34(3):568-77

Gamma interferon production in response to homologous and heterologous strain antigens in mice chronically infected with Rickettsia tsutsugamushi. Palmer BA, et al. **Infect Immun** 1984 Oct;46(1):237-44

[Immunological studies of Rickettsial infection--experimental Rickettsia tsutsugamushi infection in nude mice] Kawamura S. **Kansenshogaku Zasshi** 1984 Jul;58(7):647-62 (Eng. Abstr.) **(Jpn)**

[Epidemiology of tsutsugamushi disease in Hokuriku district, Japan. 1. Prevalence of antibody to Rickettsia tsutsugamushi] Takada N, et al. **Kansenshogaku Zasshi** 1984 Dec;58(12):1279-84 (Eng. Abstr.) **(Jpn)**

MICROBIOLOGY

Isolation of Rickettsia tsutsugamushi antigenically different from Kato, Karp, and Gilliam strains from patients. Tamura A, et al. **Microbiol Immunol** 1984;28(8):873-82

OCCURRENCE

Scrub typhus and chiggers in northern Thailand. Takada N, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep; 15(3):402-6

SCULPTURE see under **ART**

SCURVY

COMPLICATIONS

Rectal carcinoma in a scorbutic patient [letter] Sussewell HL, et al. **South Med J** 1984 Sep;77(9):1215-6

[Vascular purpura secondary to scurvy in a patient who is not from a deprived socioeconomic level (letter)] Olcoz M, et al. **Sangre (Barc)** 1984;29(5):957-8 **(Spa)**

DIAGNOSIS

Scurvy: a clinical mimic of vasculitis. Warshauer DM, et al. **Cutis** 1984 Dec;34(6):539-41

Adult scurvy. Reuler JB, et al. **JAMA** 1985 Feb 8; 253(6):805-7

HISTORY

[Jacques Cartier's description of a major disease occurring during his 2d voyage to Canada] Cadotte M. **Union Med Can** 1984 Aug;113(8):651-5 **(Fre)**

METABOLISM

Carnitine synthesis in scorbutic guinea pigs. **Nutr Rev** 1985 Jun;43(6):185-7

SD ANTIGENS see **HISTOCOMPATIBILITY ANTIGENS**

SD ANTIGENS, HUMAN see **HLA ANTIGENS**

SEA ANEMONE VENOMS see **COELENTERATE VENOMS**

SEA ANEMONES see under **COELENTERATA**

SEA-BLUE HISTIOCYTE SYNDROME

COMPLICATIONS

Sea blue histiocytosis associated with hyperlipoproteinemia type IIb. Lee YB, et al. **Yonsei Med J** 1983;24(2):132-40

METABOLISM

Cholesterol ester storage disease in an adult presenting with sea-blue histiocytosis. Besley GT, et al. **Clin Genet** 1984 Sep;26(3):195-203

PATHOLOGY

Syndrome of the sea-blue histiocyte (a report of 2 cases). Kaur A, et al. **Indian J Pathol Microbiol** 1984 Apr; 27(2):111-5

[Preliminary observations on the morphology and cytochemistry of sea-blue histiocytes] Huang XQ. **Chung Hua I Hsueh Tsa Chih** 1984 Jul;64(7):407-10 (Eng. Abstr.) **(Chi)**

[Sea-blue histiocytosis--report of 7 cases] Yang SY. **Chung Hua I Hsueh Tsa Chih** 1984 Jul;64(7):403-6 (Eng. Abstr.) **(Chi)**

SEA CUCUMBERS see under **ECHINODERMATA**

SEA SNAKE VENOMS see **HYDROPHID VENOMS**

SEA URCHINS

Histopathology of the disease causing mass mortality of sea urchins (Strongylocentrotus droebachiensis) in Nova Scotia. Jones GM, et al. **J Invertebr Pathol** 1985 May; 45(3):260-71

A new sea urchin toxin and its effect on spontaneous transmitter release at frog neuromuscular junctions. Anraku M, et al. **Jpn J Physiol** 1984;34(5):839-47

Sea urchin spine synovitis [letter] McHugh NJ, et al. **NZ Med J** 1984 Oct 10;97(765):700

ANATOMY & HISTOLOGY

Organic matrixlike macromolecules associated with the mineral phase of sea urchin skeletal plates and teeth. Weiner S. **J Exp Zool** 1985 Apr;234(1):7-15

Nerves in the spine of a sea urchin: a neglected division of the echinoderm nervous system. Smith DS, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1555-7

CYTOLOGY

Midbody sealing after cytokinesis in embryos of the sea urchin Arabacia punctulata. Sanger JM, et al. **Cell Tissue Res** 1985;240(2):287-92

Mass isolation and culture of sea urchin micromeres. Harkey MA, et al. **In Vitro Cell Dev Biol** 1985 Feb;21(2):108-13

DRUG EFFECTS

Diamide reversibly induces a stress response in the sea urchin, Arbacia punctulata. Maglott DR. **Cell Biol Int Rep** 1984 Sep;8(9):747-54

EMBRYOLOGY

RNA synthesis in male pronuclei of the sea urchin. Poccia D, et al. **Biochim Biophys Acta** 1985 Apr 19;824(4):349-56

The hierarchy of requirements for an elevated intracellular pH during early development of sea urchin embryos. Dubé F, et al. **Cell** 1985 Mar;40(3):657-66

Different aggregation properties of sea urchin embryonic cells at different developmental stages. I. Stage specificity of aggregation factors solubilized by butanol. Cervello M, et al. **Cell Biol Int Rep** 1984 Sep;8(9):787-95

Different aggregation properties of sea urchin embryonic cells at different developmental stages. II. Stage specific response to fibronectin and collagen. Matranga V, et al. **Cell Biol Int Rep** 1984 Sep;8(9):797-807

Enhancement of spicule formation and calcium uptake by monoclonal antibodies to fibronectin-binding acid polysaccharide in cultured sea urchin embryonic cells. Iwata M, et al. **Cell Differ** 1985 Jul;17(1):57-62

Dissociation of cells from sea urchin embryos alters the synthesis of actins and other proteins. Maglott DR. **Cell Differ** 1985 Jul;17(1):29-43

Cleavage in a saponin model of the sea urchin egg. Yoshimoto Y, et al. **Cell Struct Funct** 1985 Mar;10(1):29-36

Demonstration of the granular layer and the fate of the hyaline layer during the development of a sea urchin (Lytechinus variegatus). Cameron RA, et al. **Cell Tissue Res** 1985;239(2):455-8

Two-dimensional electrophoretic analysis of major phosphoproteins of the sea urchin, Arbacia punctulata. Maglott DR. **Comp Biochem Physiol [B]** 1985;80(3):513-6

Three cell recognition changes accompany the ingression of sea urchin primary mesenchyme cells. Fink RD, et al. **Dev Biol** 1985 Jan;107(1):66-74

Analysis of sea urchin egg cortical transformation in the absence of cortical granule exocytosis. Fisher GW, et al. **Dev Biol** 1985 Jun;109(2):489-503

The origin of pigment cells in embryos of the sea urchin Strongylocentrotus purpuratus. Gibson AW, et al. **Dev Biol** 1985 Feb;107(2):414-9

Evidence for the involvement of muscle tropomyosin in the contractile elements of the coelom-esophagus complex in sea urchin embryos. Ishimoda-Takagi T, et al. **Dev Biol** 1984 Oct;105(2):365-76

Unequal cleavage and the differentiation of echinoid primary mesenchyme. Langelan RE, et al. **Dev Biol** 1985 Jun; 109(2):464-75

Primary differentiation and ectoderm-specific gene expression in the animalized sea urchin embryo. Nemer M, et al. **Dev Biol** 1985 Jun;109(2):418-27

Characterization of a Ca2+-stimulated lipid peroxidizing system in the sea urchin egg. Perry G, et al. **Dev Biol** 1985 Jan;107(1):47-57

Fertilization stimulates lipid peroxidation in the sea urchin egg. Perry G, et al. **Dev Biol** 1985 Jan;107(1):58-65

Developmental regulation of glycosyltransferases involved in synthesis of N-linked glycoproteins in sea urchin embryos. Welply JK, et al. **Dev Biol** 1985 Jan;107(1):252-8

Multiple levels of regulation of protein synthesis at fertilization in sea urchin eggs. Winkler MM, et al. **Dev Biol** 1985 Feb;107(2):290-300

The poly(A)(+)RNA sequence complexity is also represented in poly(A)(-)RNA in sea-urchin embryos. Duncan R, et al. **Differentiation** 1984;28(1):24-9

Sulfated polysaccharides and cell differentiation in the sea urchin embryo. Løvtrup-Rein H, et al. **Exp Cell Biol** 1984; 52(6):383-8

Micromere-specific cell surface proteins of 16-cell stage sea urchin embryos. De Simone DW, et al. **Exp Cell Res** 1985 Jan;156(1):7-14

Polysaccharides sulfated at the time of gastrulation in embryos of the sea urchin Clypeaster japonicus. Yamaguchi M, et al. **Exp Cell Res** 1985 Aug;159(2):353-65

Injection of a soluble sperm fraction into sea-urchin eggs triggers the cortical reaction. Dale B, et al. **Experientia** 1985 Aug 15;41(8):1068-70

Levels of histone H4 diacetylation decrease dramatically during sea urchin embryonic development and correlate with cell doubling rate. Chambers SA, et al. **J Biol Chem** 1984 Nov 10;259(21):13458-63

Source and sinks for the calcium released during fertilization of single sea urchin eggs. Eisen A, et al. **J Cell Biol** 1985 May;100(5):1522-7

Diffusion coefficient of fluorescein-labeled tubulin in the cytoplasm of embryonic cells of a sea urchin: video image analysis of fluorescence redistribution after photobleaching. Salmon ED, et al **J Cell Biol** 1984 Dec;99(6):2157-64

Spindle microtubule dynamics in sea urchin embryos: analysis using a fluorescein-labeled tubulin and measurements of fluorescence redistribution after laser photobleaching. Salmon ED, et al. **J Cell Biol** 1984 Dec;99(6):2165-74

'Spiral asters' and cytoplasmic rotation in sea urchin eggs: induction in Strongylocentrotus purpuratus eggs by elevated temperature. Schroeder TE, et al. **J Cell Biol** 1985 Apr;100(4):1056-62

Cortical granule exocytosis in sea urchin eggs is inhibited by drugs that alter intracellular calcium stores. Stapleton CL, et al. **J Exp Zool** 1985 May;234(2):289-99

Synthesis of U1 RNA in isolated nuclei from sea urchin embryos: U1 RNA is initiated at the first nucleotide of the RNA. Morris GF, et al. **Mol Cell Biol** 1985 May; 5(5):1143-50

Changes of free calcium levels with stages of the cell division cycle. Poenie M, et al. **Nature** 1985 May 9-15; 315(6015):147-9

Inducible expression of a cloned heat shock fusion gene in sea urchin embryos. McMahon AP, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7490-4

Cell recognition processes in the differentiation of embryonic sea urchins. Fink RD, et al. **Prog Clin Biol Res** 1984; 157:143-8

Molecular indices of cell lineage specification in sea urchin embryos. Angerer RC, et al. **Science** 1984 Dec 7; 226(4679):1153-60

pH-induced changes in mitotic and developmental patterns in sea urchin embryogenesis. II. Exposure of sperm. Pagano G, et al. **Teratogenesis Carcinog Mutagen** 1985;5(2):113-21

pH-induced changes in mitotic and developmental patterns in sea urchin embryogenesis. I. Exposure of embryos. Pagano G, et al. **Teratogenesis Carcinog Mutagen** 1985; 5(2):101-12

ENZYMOLOGY

ADP-ribosyltransferase in isolated nuclei from sea-urchin embryos. Isoai A, et al. **Biochem J** 1985 Jan 15;225(2):429–34

Activation of transglutaminase during embryonic development. Cariello L, et al. **Biochemistry** 1984 Dec 18;23(26):6843–50

A 53,000-Da esterase in Strongylocentrotus purpuratus semen is derived from phagocytic cells, not sperm. Resing K, et al. **Dev Biol** 1985 Jan;107(1):87–93

Kinetics of 4-aminobutyrate:2-oxoglutarate aminotransferase from Nippostrongylus brasiliensis. Watts SD, et al. **Mol Biochem Parasitol** 1984 Jun;12(2):207–16

GENETICS

Expression of alpha- and beta-tubulin genes during development of sea urchin embryos. Alexandraki D, et al. **Dev Biol** 1985 Jun;109(2):436–51

The conserved CAAGAAAGA spacer sequence is an essential element for the formation of 3' termini of the sea urchin H3 histone mRNA by RNA processing. Georgiev O, et al. **EMBO J** 1985 Feb;4(2):481–9

Effects of aphidicolin on premature condensation of sperm chromosomes in fertilized sea urchin eggs. Killian CE, et al. **Exp Cell Res** 1985 Jun;158(2):519–24

High-level expression in Escherichia coli of calcium-binding domains of an embryonic sea urchin protein. Muesing M, et al. **Gene** 1984 Nov;31(1–3):155–64

Transcription of similar sets of rare maternal RNAs and rare nuclear RNAs in sea urchin blastulae and adult coelomocytes. Kleene KC, et al. **J Embryol Exp Morphol** 1985 Feb;85:131–49

Insertion of a short repetitive sequence (D88I) in a sea urchin gene: a typical interspersed repeat? Johnson SA, et al. **J Mol Evol** 1984;20(3–4):195–201

Evolving sea urchin histone genes––nucleotide polymorphisms in the H4 gene and spacers of Strongylocentrotus purpuratus. Yager LN, et al. **J Mol Evol** 1984;20(3–4):215–26

TU elements: a heterogeneous family of modularly structured eucaryotic transposons. Hoffman-Liebermann B, et al. **Mol Cell Biol** 1985 May;5(5):991–1001

Structure of the sea urchin U1 RNA repeat. Brown DT, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):537–56

Multiple polymorphic alpha- and beta-tubulin mRNAs are present in sea urchin eggs. Alexandraki D, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):134–8

Synthesis of sperm and late histone cDNAs of the sea urchin with a primer complementary to the conserved 3' terminal palindrome: evidence for tissue-specific and more general histone gene variants. Busslinger M, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5676–80

Sea urchin metallothionein sequence: key to an evolutionary diversity. Nemer M, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4992–4

GROWTH & DEVELOPMENT

Actin-mediated retraction of the larval epidermis during metamorphosis of the sand dollar, Dendraster excentricus. Burke RD. **Cell Tissue Res** 1985;239(3):589–97

METABOLISM

Uptake of free amino acids by bacteria-free larvae of the sand dollar Dendraster excentricus. Davis JP, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R733–9

Regulation of net amino acid exchange in sea urchin larvae. Davis JP, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R1029–37

Embryonal histone H1 subtypes of the sea urchin Strongylocentrotus purpuratus: purification, characterization, and immunological comparison with H1 subtypes of the adult. Pehrson JR, et al. **Biochemistry** 1984 Dec 18;23(26):6761–4

Metabolite channeling: a phosphorylcreatine shuttle to mediate high energy phosphate transport between sperm mitochondrion and tail. Tombes RM, et al. **Cell** 1985 May;41(1):325–34

Respiration of mitochondria from the gonads of the sea urchin, Strongylocentrotus droebachiensis: the effects of petroleum fractions on oxygen consumption. Davis PJ, et al. **Comp Biochem Physiol [C]** 1985;80(1):155–60

Intracellular sodium activity in the sea urchin egg during fertilization. Shen SS, et al. **J Cell Biol** 1985 Aug;101(2):420–6

Interaction of histone H1 from sea urchin sperm with superhelical and relaxed DNA. Osipova TN, et al. **Mol Biol Rep** 1985 Apr;10(3):153–8

PHYSIOLOGY

Isolation and characterization of a plasma membrane fraction from sea urchin sperm exhibiting species specific recognition of the egg surface. Podell SB, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):25–37

Some properties of the action potentials conducted in the spines of the sea urchin Diadema antillarum. Berrios A, et al. **Comp Biochem Physiol [A]** 1985;81(1):15–23

Effect of calcium ionophore A23187 on the sensitivity of early sea urchin embryos to cytotoxic neuropharmacological drugs. Buznikov GA, et al. **Comp Biochem Physiol [C]** 1984;79(2):425–7

Cholinoreceptors of the dentis retractor muscle of the sea urchin Strongylocentrotus intermedius. Kobzar GT, et al. **Comp Biochem Physiol [C]** 1985;80(2):385–93

High pH-induced acrosome reaction and Ca2+ uptake in sea urchin sperm suspended in Na+-free seawater. García-Soto J, et al. **Dev Biol** 1985 Aug;110(2):338–45

Wheat germ agglutinin blocks the acrosome reaction in Strongylocentrotus purpuratus sperm by binding a 210,000-mol-wt membrane protein. Podell SB, et al. **J Cell Biol** 1984 Nov;99(5):1598–604

Sodium-potassium exchange in sea urchin egg. II. Ionic events stimulating the Na+-K+ pump activity at fertilization. Ciapa B, et al. **J Cell Physiol** 1984 Oct;121(1):243–50

Sodium-potassium exchange in sea urchin egg. I. Kinetic and biochemical characterization at fertilization. Ciapa B, et al. **J Cell Physiol** 1984 Oct;121(1):235–42

Sperm-oocyte interaction in the sea-urchin. Dale B, et al. **J Cell Sci** 1985 Mar;74:153–67

[Fertilization in sea urchins: what's new?] Sardet C. **Biochimie** 1984 Sep–Oct;66(9–10):VII–XII (90 ref.) **(Fre)**

ULTRASTRUCTURE

Chromatin organization in Paracentrotus lividus eggs. Di Liegro I, et al. **Cell Biol Int Rep** 1985 Aug;9(8):689–98

Alpha-actinin from sea urchin eggs: biochemical properties, interaction with actin, and distribution in the cell during fertilization and cleavage. Mabuchi I, et al. **J Cell Biol** 1985 Feb;100(2):375–83

Ultrastructural analysis of the initiation and development of cytasters in sea-urchin eggs. Kallenbach RJ. **J Cell Sci** 1985 Feb;73:261–78

Isolation of intact sperm asters from fertilized sea urchin eggs. Hinkley RE Jr, et al. **J Exp Zool** 1985 Mar;233(3):473–7

SEALANTS, TOOTH see **PIT AND FISSURE SEALANTS**

SEALED CABIN ECOLOGY

Dehydrohalogenation of atmospheric contaminants in the space cabin. Spain MA, et al. **Aviat Space Environ Med** 1985 Mar;56(3):262–4

A theoretical method for selecting space craft and space suit atmospheres. Vann RD, et al. **Aviat Space Environ Med** 1984 Dec;55(12):1097–102

Life support for 10 weeks with successful fetal outcome after fatal maternal brain damage. Heikkinen JE, et al. **Br Med J [Clin Res]** 1985 Apr 27;290(6477):1237–8

Withdrawal and withholding of life-support in terminally ill patients. Part II. Solnick PB. **Med Law** 1985;4(1):1–11

Pulling the plug. Newman M. **Theor Med** 1984 Jun;5(2):141–6

[Possibilities of using proteins from unicellular algae in biological life support systems] Antonian AA, et al. **Kosm Biol Aviakosm Med** 1985 Jan–Feb;19(1):65–9 (Eng. Abstr.) **(Rus)**

[Chemical composition of the biomass of Musca domestica L. larvae and pupae developing in the organic wastes of a human biological life support system] Golubeva EG, et al. **Kosm Biol Aviakosm Med** 1985 Mar–Apr;19(2):91–3 **(Rus)**

[Composition and dynamics of the bacteriocenosis accompanying algae in human biological life support systems] Kondrat'eva EM. **Kosm Biol Aviakosm Med** 1985 Mar–Apr;19(2):69–74 (Eng. Abstr.) **(Rus)**

[Results of sanitary and microbiological studies on the biosatellites 'Kosmos-936' and 'Kosmos-1129'] Korol'kov VI, et al. **Kosm Biol Aviakosm Med** 1984 Nov–Dec;18(6):79–81 **(Rus)**

[Effect of dibazol on indices of nonspecific resistance in human subjects in a hermetically sealed enclosure] Novikov VS, et al. **Kosm Biol Aviakosm Med** 1985 May–Jun;19(3):68–71 (Eng. Abstr.) **(Rus)**

[Toxicologic evaluation of the space shuttle 'Columbia'] Ripstain UD, et al. **Kosm Biol Aviakosm Med** 1984 Jul–Aug;18(4):87–96 (Eng. Abstr.) **(Rus)**

[Characteristics of microflora development on the structural materials used in hermetically sealed life support quarters] Viktorov AN, et al. **Kosm Biol Aviakosm Med** 1985 Mar–Apr;19(2):66–9 (Eng. Abstr.) **(Rus)**

SEALS see under **PINNIPEDIA**

SEASICKNESS see **MOTION SICKNESS**

SEASONS

Seasonal changes in the number of neurocytes containing lipofuscin pigment in selected areas of the brain of Rana temporaria L. Srebro Z, et al. **Acta Biol Hung** 1984;35(1):71–5

Seasonal variations of serum 1,25-dihydroxyvitamin D3 and alkaline phosphatase in relation to the antler formation in the fallow deer (Dama dama L.). Eiben B, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):141–4

Seasonal variations of total and free thyroid hormones in healthy men: a chronobiological study. Pasquali R, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):42–8

Seasonal changes in the activity of phosphatases in Sertoli cells of the frog Rana temporaria. Haider SG, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:145–9

Breast-milk antimicrobial factors of rural Gambian mothers. II. Influence of season and prevalence of infection. Prentice A, et al. **Acta Paediatr Scand** 1984 Nov;73(6):803–9

Changes in the uterine epithelial cell size of white Leghorn hens under tropical summer stress. Gill SP, et al. **Acta Physiol Pharmacol Bulg** 1985;11(1):79–82

Activity and distribution of carbonic anhydrase in the oviduct of the laying hen (Gallus domesticus) during egg formation at three different periods in spring and summer seasons. Kansal ML, et al. **Acta Physiol Pharmacol Bulg** 1984;10(3):57–62

Seasonal enzyme activity changes in two aminotransferases AspAT and AlAT, acid and alkaline phosphatases and aldolase in the serum of Thoroughbred horses during a racing season. Szwarocka-Priebe T, et al. **Acta Physiol Pol** 1984 May–Jun;35(3):249–56

Seasonal changes in the relative importance of different avenues of heat loss in resting and running reindeer. Johnsen HK, et al. **Acta Physiol Scand** 1985 Jan;123(1):73–9

Seasonal changes in lipogenesis and lipolysis in isolated adipocytes from Svalbard and Norwegian reindeer. Larsen TS, et al. **Acta Physiol Scand** 1985 Jan;123(1):97–104

Insomnia during the 'dark period' in northern Norway. An explorative, controlled trial with light treatment. Lingjaerde O, et al. **Acta Psychiatr Scand** 1985 May;71(5):506–12

Tetanic syndrome during year seasons. III. Behaviour of wave M in ischemic and postischemic phase of ischemic test. Kašpárek J, et al. **Acta Univ Palacki Olomuc Fac Med** 1985;108:273–81

Seasons of year and tetanic syndrome. Steidl L, et al. **Acta Univ Palacki Olomuc Fac Med** 1985;108:263–72

Volumetric aerobiological survey of conidial fungi in the North-East Netherlands. I. Seasonal patterns and the influence of metereological variables. Beaumont F, et al. **Allergy** 1985 Apr;40(3):173–80

Seasonal variations in the fine structure of the Necturus maculosus urinary bladder epithelium: low transporters and high transporters. Karnaky KJ Jr, et al. **Am J Anat** 1984 Oct;171(2):227–42

Seasonal variations, and the intra-household distribution of food in a Bangladeshi village. Abdullah M, et al. **Am J Clin Nutr** 1985 Jun;41(6):1305–13

Seasonal variation in plasma glucose and hormone levels in adult men and women. Behall KM, et al. **Am J Clin Nutr** 1984 Dec;40(6 Suppl):1352–6

Effects of season and illness on the dietary intake of weanlings during longitudinal studies in rural Bangladesh. Brown KH, et al. **Am J Clin Nutr** 1985 Feb;41(2):343–55

Selenium intake and metabolic balance of 10 men from a low selenium area of China. Luo XM, et al. **Am J Clin Nutr** 1985 Jul;42(1):31–7

Effect of season and weather on pediatric emergency department use. Christoffel KK. **Am J Emerg Med** 1985 Jul;3(4):327–30

The seasonality of schizophrenic births in Alberta. Ede A, et al. **Am J Orthopsychiatry** 1985 Jul;55(3):451–3

Seasonal changes in pancreatic B-cell function in euthermic yellow-bellied marmots. Florant GL, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R159–65

Light-induced hypomania [letter] Pande AC. **Am J Psychiatry** 1985 Sep;142(9):1126

Antidepressant effects of light in seasonal affective disorder. Rosenthal NE, et al. **Am J Psychiatry** 1985 Feb;142(2):163–70

Analysis of the secular trend and seasonal variation of measles mortality rate in Taiwan. Chen CJ, et al. **Ann Acad Med Singapore** 1984 Apr;13(2):136–41

Circannual and within-individual variation of thyroid function tests in normal subjects. Harrop JS, et al. **Ann Clin Biochem** 1985 Jul;22 (Pt 4):371–5

Anterior nongranulomatous uveitis: a seasonal variation. Cassel GH, et al. **Ann Ophthalmol** 1984 Nov;16(11):1066–8

Seasonal variation of body composition in women. Sato H, et al. **Ann Physiol Anthropol** 1984 Apr;3(2):152–6

Uraemia in the mare: effects of seasonal variations, of energy level of the diet and individual differences. Doreau M, et al. **Ann Rech Vet** 1985;16(1):87–91

Salmonella infections in a marsupial, the quokka (Setonix brachyurus), in relation to seasonal changes in condition and environmental stress. Hart RP, et al. **Appl Environ Microbiol** 1985 May;49(5):1276–81

Seasonal variations of sperm characteristics. Spira A. **Arch Androl** 1984;12 Suppl:23–8

Birth seasonality and schizophrenia [letter] **Arch Gen Psychiatry** 1985 Jan;42(1):106–8

More on birth seasonality and schizophrenia [letter] Levick SE. **Arch Gen Psychiatry** 1985 Jul;42(7):738

Winter births and seasonal affective disorder [letter] Ulwelling W. **Arch Gen Psychiatry** 1985 Jan;42(1):105–6

The influence of season, parity, and duration of lactation on some performance traits of sows indigenous to Nigeria. Somade B. **Beitr Trop Landwirtsch Veterinarmed** 1985;23(1):81–7

Circannual changes in serum testosterone concentrations of adult and yearling woodchucks (Marmota monax). Baldwin BH, et al. **Biol Reprod** 1985 May;32(4):804–12

Resumption of seasonal breeding patterns in male and female rhesus monkeys transferred from an indoor to an outdoor environment. Herndon JG, et al. **Biol Reprod** 1985 May;32(4):733–44

Increased daily sperm production in the breeding season of stallions is explained by an elevated population of spermatogonia. Johnson L. **Biol Reprod** 1985 Jun;32(5):1181–90

Refractoriness to inductive day lengths terminates the breeding season of the Suffolk ewe. Robinson JE, et al. **Biol Reprod** 1984 Nov;31(4):656–63

Central serous chorioretinopathy: a seasonal variation? Cassel GH, et al. **Br J Ophthalmol** 1984 Oct;68(10):724–6

Seasonal variation of acute anterior uveitis: differences between HLA-B27 positive and HLA-B27 negative disease. Ebringer R, et al. **Br J Ophthalmol** 1985 Mar;69(3):202–4

Lymphocytes are rhythmic: is this important? [letter] **Br Med J [Clin Res]** 1985 Jan 12;290(6462):152–3

The circadian rhythm in plasma melatonin concentration of the urbanized man: the effect of summer and winter time. Illnerová H, et al. **Brain Res** 1985 Feb 25;328(1):186–9

Seasonal variation in breast cancer detection: correlation with tumour progesterone receptor status. Mason BH, et al. **Breast Cancer Res Treat** 1985;5(2):171–6

The seasonality of infant deaths due to diarrheal and respiratory diseases in southern Brazil, 1974–1978. Victora CG, et al. **Bull Pan Am Health Organ** 1985;19(1):29–39

Seasonal study of a freshwater lake and migratory waterfowl for Campylobacter jejuni. Hill GA, et al. **Can J Microbiol** 1984 Jun;30(6):845–9

Seasonal changes in the endocrine responsiveness of the pituitary and tests of male sheep in relation to their patterns of gonadotropic hormone and testosterone secretion. Sanford LM, et al. **Can J Physiol Pharmacol** 1984 Jul;62(7):827–33

Seasonal changes in the secretion of gonadotropic hormones and in the endocrine response of the pituitary of male sheep in the absence of gonadal influence. Sanford LM, et al. **Can J Physiol Pharmacol** 1984 Jul;62(7):834–9

Biometeorology [letter] Eastwood MR, et al. **Can Med Assoc J** 1985 Jul 15;133(2):94

Assessment of the risk of mesor-hypertension. Hermida-Dominguez RC, et al. **Chronobiologia** 1984 Jul–Sep;11(3):249–62

Investigation of a circannual rhythm in nasopharyngeal airway patency in children. Kuftinec MM, et al. **Chronobiologia** 1984 Oct–Dec;11(4):383–9

The influence of season and of sex on the serum level of total IgE and on the distribution of allergen-specific IgE. Salkie ML, et al. **Clin Biochem** 1984 Dec;17(6):362–6

Date of conception and prevention of neural tube defects. Dallaire L, et al. **Clin Genet** 1984 Oct;26(4):304–7

Seasonal variations in the incidence of kidney stones in Calgary, Alberta, Canada [letter] Levinson AA, et al. **Clin Nephrol** 1985 Jul;24(1):50–1

Myths of mid-winter depression. Christensen R, et al. **Community Ment Health J** 1983 Fall;19(3):177–86

Seasonal fluctuations in plasma protein fraction levels of chinchillas (Chinchilla laniger, M.). Gromadzka-Ostrowska J, et al. **Comp Biochem Physiol [A]** 1985;80(2):215–24

Seasonal changes in the haematological indices in peripheral blood of chinchilla (Chinchilla laniger L.). Jakubów K, et al. **Comp Biochem Physiol [A]** 1984;78(4):845–53

The levels of immunoglobulins (IgG, IgA, IgM) in the four seasons in uranium miners. Andrlíková J, et al. **Czech Med** 1985;8(2):112–8

A demonstration of the effect of seasonal migration on fertility. Massey DS, et al. **Demography** 1984 Nov;21(4):501–17

Trend and variation in the seasonality of U.S. fertility, 1947–1976. Seiver DA. **Demography** 1985 Feb;22(1):89–100

Chronobiologic observations of calcium and magnesium in the elderly. Nicolau GY, et al. **Endocrinologie** 1985 Jan–Mar;23(1):39–53

Pineal ultrastructure and indole profiles spanning the summer rise in arginine vasotocin immunoactivity. McNulty JA, et al. **Endocrinology** 1985 Sep;117(3):1035–42

Seasonality and breast cancer. Kirkham N, et al. **Eur J Surg Oncol** 1985 Jun;11(2):143–6

Diurnal and seasonal variations in intraocular pressure in the rabbit. Bar-Ilan A. **Exp Eye Res** 1984 Aug;39(2):175–81

Seasonal variations in plasma luteinizing hormone and testosterone levels in the European badger Meles meles L. Audy MC, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):445–53

Seasonal variations in parameters of milt production and in plasma concentration of sex steroids of male rainbow trout (Salmo gairdneri). Baynes SM, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):150–60

Seasonal changes in plasma testosterone, thyroxine, and cortisol levels in wild rabbits (Oryctolagus cuniculus algirus) of Zembra island. Ben Saad M, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):383–8

Seasonal variation in pituitary responsiveness to luteinizing hormone-releasing hormone of mallards and canvasbacks. Bluhm CK. **Gen Comp Endocrinol** 1985 Jun;58(3):491–7

Environmental and hormonal control of the seasonal egg laying period in field specimens of Lymnaea stagnalis. Dogterom GE, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):37–42

Androgen and estrogen levels in the plasma of Pleurodeles waltl, Michah., during the annual cycle. I. Male cycle. Garnier DH. **Gen Comp Endocrinol** 1985 Jun;58(3):376–85

Seasonal variations of androgens, estrogens, and progesterone in the different lobules of the testis and in the plasma of Salamandra salamandra. Lecouteux A, et al. **Gen Comp Endocrinol** 1985 May;58(2):211–21

Annual and diurnal cycles in plasma testosterone and thyroxine in the male green sea turtle Chelonia mydas. Licht P, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):335–44

Seasonal cycles in testicular activity, gonadotropin, and thyroxine in the painted turtle, Chrysemys picta, under natural conditions. Licht P, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):130–9

Seasonal effects of pimozide and des Gly10 [D-Ala6] LH-RH ethylamide on gonadotrophin secretion in goldfish. Sokolowska M, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):472–9

Seasonal changes in the testes and accessory reproductive organs and seasonal and circadian changes in plasma testosterone concentrations in the male grey squirrel (Sciurus carolinensis). Webley GE, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):15–23

Environmental and endocrine control of reproduction in the song sparrow, Melospiza melodia. II. Agonistic interactions as environmental information stimulating secretion of testosterone. Wingfield JC. **Gen Comp Endocrinol** 1984 Dec;56(3):417–24

Environmental and endocrine control of reproduction in the song sparrow, Melospiza melodia. I. Temporal organization of the breeding cycle. Wingfield JC. **Gen Comp Endocrinol** 1984 Dec;56(3):406–16

Seasonal changes in luteinizing hormone-releasing hormone concentrations in microdissected brain regions of male rough-skinned newts (Taricha granulosa). Zoeller RT, et al. **Gen Comp Endocrinol** 1985 May;58(2):222–30

Field and laboratory tests of etched track detectors for 222Rn: summer-vs-winter variations and tightness effects in Maine houses. Hess CT, et al. **Health Phys** 1985 Jul;49(1):65–79

The effects of water acidity and seasonal variability on the distribution of 241Am in the freshwater snail Lymnaea stagnalis L. Thiels GM, et al. **Health Phys** 1984 Sep;47(3):485–7

Social class and seasonality of birth in the midlands of Tasmania during the nineteenth century. Mitchell RJ, et al. **Hum Biol** 1985 May;57(2):213–28

Energy intake and energy output of Burmese farmers at different seasons. Tin-May-Than, et al. **Hum Nutr Clin Nutr** 1985 Jan;39(1):7–15

Study of pollen allergy in Kolhapur during monsoon. Chaubal PD, et al. **Indian J Chest Dis Allied Sci** 1984 Jan–Mar;26(1):38–40

Effect of seasonal variations on hormone levels of follicular fluid of sheep ovarian follicles. Shailaja K, et al. **Indian J Exp Biol** 1984 Jul;22(7):357–62

Seasonal incidence of mosquito breeding in plant axils at Tezpur (Assam). Sarkar PK, et al. **Indian J Public Health** 1984 Jul–Sep;28(3):152–8

Seasonal variation in the junctional component of pigmented naevi [letter] Armstrong BK, et al. **Int J Cancer** 1984 Oct 15;34(4):441–2

Do infiltrative and anaplastic growth patterns alternate with season in human breast cancer? Hartveit F, et al. **Invasion Metastasis** 1984;4(3):156–9

Persistent elevation of urinary free cortisol and loss of circannual periodicity in recovered depressive patients. A trait finding. Kathol RG. **J Affective Disord** 1985 Mar–Apr;8(2):137–45

Seasonal variation of in vitro lymphocyte proliferative response to ragweed antigen E. Eisenbrey AB, et al. **J Allergy Clin Immunol** 1985 Jan;75(1 Pt 1):84–90

Changes in serum levels of LH, FSH, prolactin, testosterone, and cortisol associated with season and mating in male pygmy goats. Howland BE, et al. **J Androl** 1985 Mar–Apr;6(2):89–96

Breed group differences in testicular growth patterns in spring-born ram lambs. Notter DR, et al. **J Anim Sci** 1985 Mar;60(3):622–31

Patterns of secretion of luteinizing hormone, follicle stimulating hormone and testosterone in stallions during the summer and winter. Thompson DL Jr, et al. **J Anim Sci** 1985 Mar;60(3):741–8

Seasonal variations in the frequency distribution of breast cancer in Greek women according to the month of their birth. Vassilaros S, et al. **J Cancer Res Clin Oncol** 1985;110(1):79–81

Physical exercise-induced changes and season-associated differences in the pituitary-ovarian function of runners and joggers. Ronkainen H, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):416–22

Annual stability in the levels of lymphocyte subpopulations identified by monoclonal antibodies in blood of healthy individuals. Abo T, et al. **J Clin Immunol** 1985 Jan;5(1):13–20

Annual and seasonal variation in the frequency of beta-haemolytic streptococcal infections [letter] Morris CA, et al. **J Clin Pathol** 1985 May;38(5):594–5

The 'winter born phenomenon' among schizophrenics: differences between blacks and whites. Gallagher BJ 3d, et al. **J Clin Psychol** 1984 Sep;40(5):1151–9

The birth seasonality effect in nonschizophrenic psychiatric patients. Watson CG, et al. **J Clin Psychol** 1984 Jul;40(4):884–8

Effect of season and high environmental temperature on fertility of Holstein cattle. Cavestany D, et al. **J Dairy Sci** 1985 Jun;68(6):1471–8

Age-parity-season adjustment factors for milk and fat yields of dairy goats. Finley CM, et al. **J Dairy Sci** 1984 Aug;67(8):1868–72

Spray cooling effects on milk production, milk, and rectal temperatures of cows during a moderate temperate summer season. Igono MO, et al. **J Dairy Sci** 1985 Apr;68(4):979–85

Seasonal breeding in United States dairy goats. Mohammad WA, et al. **J Dairy Sci** 1984 Aug;67(8):1813–22

Seasonal variations in AADSAS applicants. Solomon E, et al. **J Dent Educ** 1985 Jun;49(6):445–7

Age distribution and seasonal pattern of rotavirus infection in children in Kenya. Mutanda LN, et al. **J Diarrhoeal Dis Res** 1984 Sep;2(3):147–50

Seasonal testosterone profile and testicular responsiveness to pituitary factors and gonadotrophin releasing hormone during two different phases of the sexual cycle of the frog (Rana esculenta). Pierantoni R, et al. **J Endocrinol** 1984 Sep;102(3):387–92

Seasonal plasma profiles of testosterone and androstenedione in the Gentile di Puglia ram in southern Italy. Dell'Aquila S, et al. **J Endocrinol Invest** 1985 Jun;8(3):263–4

Seasonal variations in the process of care in urban general practice. Hallam L, et al. **J Epidemiol Community Health** 1985 Mar;39(1):90–3

Seasonal variation in carbon monoxide poisoning in urban Korea. Kim YS. **J Epidemiol Community Health** 1985 Mar;39(1):79–81

Seasonality of thyrotoxicosis. Phillips DI, et al. **J Epidemiol Community Health** 1985 Mar;39(1):72–4

Annual gonadotropin and testosterone cycles in free-living male birds. Silverin B. **J Exp Zool** 1984 Dec;232(3):581–7 (46 ref.)

Multiple stable recurrent outbreaks and predictability in seasonally forced nonlinear epidemic models. Schwartz IB. **J Math Biol** 1985;21(3):347–61

Seasonal dynamics of Ornithodoros (Pavlovskyella) erraticus (Acari: Ixodoidea: Argasidae) and the spirochete Borrelia crocidurae in Egypt. Khalil GM, et al. **J Med Entomol** 1984 Sep 28;21(5):536–9

Rhythmic synthesis of various 5-methoxyindoles in the pineal gland of male adult golden hamsters, kept under the same artificial conditions throughout the year. van Benthem J, et al. **J Neural Transm** 1985;61(3–4):219–37

Circannual rhythm of free fatty acids and diacylglycerols in 5-day-old rat cerebrum during pentylenetetrazol-induced convulsions. Morelli de Liberti SA, et al. **J Neurochem** 1985 Oct;45(4):1055–61

Vitamin D metabolites in adolescents and young adults with cystic fibrosis: effects of sun and season. Reiter EO, et al. **J Pediatr** 1985 Jan;106(1):21–6

Effect of feeding melatonin to red deer (Cervus elaphus) on the onset of the breeding season. Adam CL, et al. **J Reprod Fertil** 1984 Nov;72(2):463–6

Ram-induced growth of ovarian follicles and gonadotrophin inhibition in anoestrous ewes. Atkinson S, et al. **J Reprod Fertil** 1985 Jan;73(1):185–9

Influence of season and sex on the inhibitory effect of ovine follicular fluid on plasma gonadotrophins in gonadectomized sheep. Findlay JK, et al. **J Reprod Fertil** 1985 Mar;73(2):329–35

Photoperiodic regulation of reproductive development in male white-footed mice (Peromyscus leucopus) born at different phases of the breeding season. Forger NG, et al. **J Reprod Fertil** 1985 Jan;73(1):271–8

Seasonal and circadian patterns of circulating prolactin during lactation and seasonal quiescence in the tammar, Macropus eugenii. Hinds LA, et al. **J Reprod Fertil** 1985 May;74(1):173–83

Effect of constant-release implants of melatonin on seasonal cycles in reproduction, prolactin secretion and moulting in rams. Lincoln GA, et al. **J Reprod Fertil** 1985 Jan;73(1):241–53

Changes in pulsatile LH secretion after ovariectomy in Ile-de-France ewes in two seasons. Montgomery GW, et al. **J Reprod Fertil** 1985 Jan;73(1):173–83

An interaction between season of calving and nutrition on the resumption of ovarian cycles in post-partum beef cattle. Montgomery GW, et al. **J Reprod Fertil** 1985 Jan;73(1):45–50

Seasonal changes in spermatogenesis in the blue fox (Alopex lagopus), quantified by DNA flow cytometry and measurement of soluble Mn2+ -dependent adenylate cyclase activity. Smith AJ, et al. **J Reprod Fertil** 1984 Nov;72(2):453–61

Control of gonadotrophin release in Scottish Blackface and Finnish Landrace ewes during seasonal anoestrus. Webb R, et al. **J Reprod Fertil** 1985 Mar;73(2):369–78

Evidence that the onset of the breeding season in the ewe may be independent of decreasing plasma prolactin concentrations. Worthy K, et al. **J Reprod Fertil** 1985 Sep;75(1):237–46

Seasonal changes in alcohol consumption and related problems in Iowa, 1979–1980. Fitzgerald JL, et al. **J Stud Alcohol** 1984 Jul;45(4):363–8

Seasonality and period-doubling bifurcations in an epidemic model. Aron JL, et al. **J Theor Biol** 1984 Oct 21;110(4):665–79

Focality and seasonality of Schistosoma mansoni transmission in the Gezira Irrigated Area, Sudan. Babiker A, et al. **J Trop Med Hyg** 1985 Apr;88(2):57–63

Factors affecting transmission of larval winter ticks, Dermacentor albipictus (Packard), to moose, Alces alces L., in Alberta, Canada. Drew ML, et al. **J Wildl Dis** 1985 Jul;21(3):274–82

Effects of season and physical condition on the gastrointestinal helminth community of white-tailed deer from the Texas Edwards Plateau. Waid DD, et al.

J Wildl Dis 1985 Jul;21(3):264–73

Seasonal variations in physiological indices of adult female white-tailed deer in Texas. Waid DD, et al. **J Wildl Dis** 1984 Jul;20(3):212–9

Seasonal diagnosis of Hodgkin's disease among young adults. Newell GR, et al. **JNCI** 1985 Jan;74(1):53–6

Progesterone as a predictor of cyclicity in Bolivian squirrel monkeys during the breeding season. Aksel S, et al. **Lab Anim Sci** 1985 Feb;35(1):54–7

Absence of seasonality in emergency hospital admissions for inflammatory bowel disease [letter] Don BA, et al. **Lancet** 1984 Nov 17;2(8412):1156–7

Seasonal prophylactic treatment with pirenzepine to prevent duodenal ulcer recurrence [letter] Morelli A, et al. **Lancet** 1984 Nov 17;2(8412):1157

Seasonal periodicity of peptic ulcer: a myth [letter] Negre J. **Lancet** 1985 Jun 29;1(8444):1504–5

Inhibited development of Ostertagia ostertagi in Australia related to survival over summer in the host or on pasture. Smeal MG, et al. **Parasitology** 1984 Dec;89 (Pt 3):597–602

Vitamin D metabolite levels in normal children. Taylor AF, et al. **Pediatr Res** 1984 Sep;18(9):886–90

Be serious about siriasis. Guidelines for avoiding heat injury during 'dog days'. Sinclair RE. **Postgrad Med** 1985 Apr; 77(5):261–4, 269–70, 274–6

Serum proteins of three turkey strains under different seasonal conditions. Al-Heeti HE, et al. **Poult Sci** 1985 Jul;64(7):1363–7

High-density winter brooding in a solar facility. Hughes BL, et al. **Poult Sci** 1985 May;64(5):817–23

Variations in ascorbic acid concentrations in the liver, gonads, kidney, and blood serum of feral blue rock pigeon (Columba livia gmelin) during the breeding and nonbreeding seasons. Kotak VC, et al. **Poult Sci** 1985 Mar; 64(3):542–4

Seasonal variations in rattlesnake venom proteins. Gregory VM, et al. **Proc West Pharmacol Soc** 1984;27:233–6

Seasonal variation in suicidal deaths by each method. Lester D. **Psychol Rep** 1985 Apr;56(2):650

Neuroendocrine basis of seasonal reproduction. Karsch FJ, et al. **Recent Prog Horm Res** 1984;40:185–232 (104 ref.)

Trichostrongyle larval populations on herbage from grazed and ungrazed cattle pastures in south west Scotland. Bairden K, et al. **Res Vet Sci** 1985 Jul;39(1):116–8

Seasonal changes in pasture populations of infective larvae of gastrointestinal nematodes of cattle in eastern Nigeria. Chiejina SN, et al. **Res Vet Sci** 1984 Sep;37(2):144–7

Comparison of two techniques used for the recovery of nematode infective larvae from pasture. Gettinby G, et al. **Res Vet Sci** 1985 Jul;39(1):99–102

Winter survival of trichostrongyle larvae: a study using tracer lambs. Kerboeuf D. **Res Vet Sci** 1985 May;38(3):364–7

The effect of ascorbic acid on the seasonal variations in serum cholesterol levels. Dobson HM, et al. **Scott Med J** 1984 Jul;29(3):176–82

Constant growth of primary school children throughout four seasons of year. Ikeda M, et al. **Tohoku J Exp Med** 1985 Apr;145(4):413–8

Seasonal variations in plasma retinol and carotenoid levels in rural Gambian women. Bates CJ, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):814–7

The effect of sex on seasonal variation in single and double infection of cattle in Sierra Leone by Dicrocoelium hospes and Fasciola gigantica. Asanji MF, et al. **Vet Parasitol** 1984 Sep;15(3–4):247–55

Seasonal pattern of tick load in Bunaji cattle in the subhumid zone of Nigeria. Bayer W, et al. **Vet Parasitol** 1984 Sep; 15(3–4):301–7

Potential problems associated with the controlled release of anthelmintics in grazing animals. Herd RP. **Vet Parasitol** 1984 Nov;16(3–4):325–33 (36 ref.)

Effect of testosterone immunisation on ovarian activity in pony mares during late winter and spring. Goddard PJ, et al. **Vet Rec** 1985 Apr 6;116(14):374–5

Autumn nematodiriasis [letter] Hosie BD. **Vet Rec** 1984 Dec 22–29;115(25–26):666–7

Annual variations in the visual pigments of brown trout inhibiting lochs providing different light environments. Muntz WR, et al. **Vision Res** 1984;24(11):1575–80

The hypothalamo-hypophyseal system of the lemming, Dicrostonyx torquatus Pallas. I. Seasonal changes in the neurosecretory system during years of various reproductive efficiency. Arshavskaya TV, et al. **Z Mikrosk Anat Forsch** 1984;98(4):580–96

The impact of terrestrial and estuarial factors on the density of environmental bacterial (Vibrionaceae) and faecal coliforms in coastal water. Larsen JL, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Aug; 179(4):308–23

[Use of bacterial enzyme preparations in the production of Bulgarian cheeses. IV. Comparative studies of white brined cheese at different seasons of the year] Antonova T, et al. **Acta Microbiol Bulg** 1985;16:73–7 (Eng. Abstr.) **(Bul)**

[Prediction of the periods favorable for the development of gastrointestinal nematodes in sheep in various climatic regions of Bulgaria] Dimitrov G. **Vet Med Nauki** 1985; 22(3):69–76 (Eng. Abstr.) **(Bul)**

[Seasons for collecting Chinese drugs] Zhou LL. **Chung Yao Tung Pao** 1984 Jul;9(4):150–2 **(Chi)**

[Conception in gilts and sows during the year in relation to selected parameters of macroclimate] Knotek Z, et al. **Vet Med (Praha)** 1984 Oct;29(10):601–9 **(Cze)**

[Seasonal variation in the nyctohemeral rhythm of prolactin in cows] Fabry J, et al. **Ann Endocrinol (Paris)** 1984; 45(2):119–24 (Eng. Abstr.) **(Fre)**

[Annual variations in plasma prolactin and testosterone concentrations in the Ouled-Djellal ram in Algeria] Darbeida H, et al. **C R Acad Sci [III]** 1984;299(19):789–94 (Eng. Abstr.) **(Fre)**

[Chronotoxicity of amikacin] Dorian C, et al. **Pathol Biol (Paris)** 1985 May;33(5):377–80 (Eng. Abstr.) **(Fre)**

[Progesterone secretion during male-induced cycle in the Creole goat in anestrus: seasonal effects] Chemineau P, et al. **Reprod Nutr Dev** 1984;24(5A):557–61 (Eng. Abstr.) **(Fre)**

[Effect of genotype, age and season on preovulatory follicles in the rabbit 8 hours after mating] Hulot F, et al. **Reprod Nutr Dev** 1985;25(1A):17–32 (Eng. Abstr.) **(Fre)**

[Seasonal anthropometric variations in adults of 2 different West African populations] Benefice E, et al. **Rev Epidemiol Sante Publique** 1985;33(2):150–60 (Eng. Abstr.) **(Fre)**

[Negative pressure in the middle ear. Seasonal changes in normal children] Miniti A, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(3):293–6 (Eng. Abstr.) **(Fre)**

[Summertime heating of classrooms and indications for heat-induced missed classes] Kubisch M, et al. **Arztl Jugendkd** 1985 Feb;76(1):21–8 (Eng. Abstr.) **(Ger)**

[Variations in visual acuity as a function of the month of birth and its relation to anthropometric measurement in high-school girls] Nakamura I, et al. **Arztl Jugendkd** 1985 Apr;76(2):92–5 (Eng. Abstr.) **(Ger)**

[Seasonal occurrence of pests (Diptera) on pastured cattle in Chiemgau during the pasturing period 1983] Eckert I, et al. **Berl Munch Tierarztl Wochenschr** 1984 Oct 1; 97(10):373–7 (Eng. Abstr.) **(Ger)**

[Lungworms in sheep in Hesse: incidence of Dictyocaulus filaria and protostrongylids as well as seasonal dynamics of larval excretion under various management systems] Gothe R, et al. **Berl Munch Tierarztl Wochenschr** 1984 Oct 1;97(10):359–66 (Eng. Abstr.) **(Ger)**

[Croup syndrome and harmful agents in respiratory air. A statistical analysis of seasonal fluctuations of emission values in relation to the incidence of disease] Wemmer U. **Fortschr Med** 1984 Sep 13;102(34):835–7 (Eng. Abstr.) **(Ger)**

[Studies on the relation between seasons and mental disorders] Müller U, et al. **Fortschr Neurol Psychiatr** 1984 Sep;52(9):312–24 (Eng. Abstr.) **(Ger)**

[Seasonally modified forms of the revised Janoschek function] Sager G. **Gegenbaurs Morphol Jahrb** 1984;130(5):659–69 (Eng. Abstr.) **(Ger)**

[Annual rhythms of quality in drug production] Hüttenrauch R, et al. **Pharmazie** 1984 Jun;39(6):427–8 **(Ger)**

[Reactivity of the bronchi in pollen rhinitis and pollen asthma the before and during the pollen season] Kulstrunk M, et al. **Schweiz Med Wochenschr** 1984 Sep 29;114(39):1331–5 (Eng. Abstr.) **(Ger)**

[Winter feeding or autumn feeding of game animals?] Hofmann RR. **Tierarztl Prax** 1984;12(3):403–21 (56 ref.) (Eng. Abstr.) **(Ger)**

[Effect of light on human regulation. Results of seasonal variations in pupil size] Klinker L, et al. **Z Gesamte Hyg** 1985 Feb;31(2):88–90 (Eng. Abstr.) **(Ger)**

[Long-term study on the rhythmic behavior of mental performance] Klinker L, et al. **Z Gesamte Hyg** 1984 Nov; 30(11):661–3 (Eng. Abstr.) **(Ger)**

[Monthly and seasonal distribution of gastric and duodenal ulcer in an endoscopy study group] Bretzke G. **Z Gesamte Inn Med** 1985 Jul 1;40(13):407–8 (Eng. Abstr.) **(Ger)**

[Sex ratio in the spectrum of chronobiopathology] Otto W, et al. **Z Gesamte Inn Med** 1984 Jul 1;39(13):298–302 (Eng. Abstr.) **(Ger)**

[Season-related incidence of Campylobacter jejuni and Campylobacter coli in fecal samples of healthy slaughter cattle] Weber A, et al. **Zentralbl Veterinarmed** [B] 1985 Mar;32(3):197–201 (Eng. Abstr.) **(Ger)**

[Circadian and circannual study of the hypophyseal-gonadal axis in healthy young males] Guagnano MT, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30;61(3):343–9 (Eng. Abstr.) **(Ita)**

[Seasonal changes and incidence of Paramphistomum sp. infection in cattle in southeastern Poland] Deryło A. **Wiad Parazytol** 1984;30(4):479–82 (Eng. Abstr.) **(Pol)**

[Influenza B in Moldavia (Romania) in the spring of 1984] Duca M, et al. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct–Dec;88(4):649–51 (Eng. Abstr.) **(Rum)**

[Seasonal characteristics of the effectiveness of vitamin E and sodium selenate in tetracycline-induced liver damage] Skakun NP, et al. **Antibiotiki** 1984 Nov;29(11):856–61 (Eng. Abstr.) **(Rus)**

[Seasonal effectiveness of antioxidants in tetracycline lesions of the liver] Vysotskiĭ IB. **Antibiotiki** 1984 Aug;29(8):590–4 (Eng. Abstr.) **(Rus)**

[Seasonal rhythms of the indolamine content in the epiphysis of rats] Bondarenko LA. **Biull Eksp Biol Med** 1985 Aug; 100(8):137–9 (Eng. Abstr.) **(Rus)**

[Seasonal asymmetry of the average skin temperature of the right and left hand] Nakulina VA. **Fiziol Cheloveka** 1985 Mar–Apr;11(2):334–6 **(Rus)**

[Changes in blood pressure and heart contraction frequency in healthy persons during a 3-week incomplete fast in the summer months] Tsyganov EP, et al. **Fiziol Cheloveka** 1984 May–Jun;10(3):476–8 **(Rus)**

[Relation of drinking excitability to body weight, animal sex and time of the year] Esipenko BE, et al. **Fiziol Zh** 1985 May–Jun;31(3):272–8 (Eng. Abstr.) **(Rus)**

[Seasonal characteristics of normal liver excretory function and in xenobiotic-induced lesions] Skakun NP, et al. **Fiziol Zh** 1985 Jan–Feb;31(1):85–7 **(Rus)**

[Seasonal dynamics of the extent of the infestation of the vendace by the cestode Proteocephalus exiguus (Cestoda, Proteocephalidae) in Karelia] Iakushev VIu. **Parazitologiia** 1985 Mar–Apr;19(2):95–100 (Eng. Abstr.) **(Rus)**

[Calcium and phosphorus content of mixed saliva and the growth in the degree of caries in children in relation to the season of the year] Zenovskiĭ VP. **Stomatologiia (Mosk)** 1984 Sep–Oct;63(5):70–2 (Eng. Abstr.) **(Rus)**

[Changes in the ethanol concentration in the organs of carcasses buried in the summer] Tomilin VV, et al. **Sud Med Ekspert** 1984 Jul–Sep;27(3):26–8 (Eng. Abstr.) **(Rus)**

[Seasonal and circadian rhythms of the excretion of androgens and their fractions in peptic ulcer patients in the remission phase in the markedly continental climate of Transbaikalia] Eĭl'bart VL. **Ter Arkh** 1985;57(1):80–4 (Eng. Abstr.) **(Rus)**

[Effectiveness of vitamin E and sodium selenate in carbon tetrachloride-induced liver damage depending on the season] Skakun NP, et al. **Vopr Pitan** 1984 Nov–Dec; (6):50–4 (Eng. Abstr.) **(Rus)**

[Analysis of the influenza situation in the USSR and the GDR in nonepidemic (1978–1979) and epidemic (1979–1980) seasons] Iakhno MA, et al. **Vopr Virusol** 1985 Mar–Apr; 30(2):150–3 (Eng. Abstr.) **(Rus)**

[Seasonal characteristics of the late recovery period in young and middle-aged patients after stroke] Diordienko IA, et al. **Vrach Delo** 1984 Sep;(9):87–8 (Eng. Abstr.) **(Rus)**

[Frequency and seasonal biorhythm of metabolic indices and vascular lesions in diabetics] Nikberg II, et al. **Vrach Delo** 1984 Nov;(11):57–60 (Eng. Abstr.) **(Rus)**

[Infectious morbidity of children up to 7 years of age in relation to the season of their birth] Artemov VG, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Mar;(3):34–7 (Eng. Abstr.) **(Rus)**

[Analysis of the seasonality of acute intestinal diseases with regard to the detection of dysentery by antigen indication] Karal'nik BV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Aug;(8):37–40 (Eng. Abstr.) **(Rus)**

[Seasonal changes in serum alkaline phosphatase (EC 3.1.3.1) activity in ontogenetically homogeneous groups of rabbits, in healthy human volunteers and in patients with malignant bone tumors. Significance in diagnosis] Mäsiar P. **Acta Chir Orthop Traumatol Cech** 1984 Jul;51(4):330–8 (Eng. Abstr.) **(Slo)**

[Changes in the acid-base index of blood in dairy cows in relation to the seasonal composition of feed rations and phases of the reproductive cycle] Valent M. **Vet Med (Praha)** 1984 Oct;29(10):583–92 (Eng. Abstr.) **(Slo)**

[Seasonal incidence of diarrhea caused by Shigella] López-Brea M, et al. **Rev Sanid Hig Publica (Madr)** 1984 Mar–Apr;58(3–4):263–8 (Eng. Abstr.) **(Spa)**

SEAT BELTS

Buckle up--save a child. Horning L. **Alaska Med** 1984 Jul–Sep;26(3):77–8

Injury reduction by mandatory child passenger safety laws [editorial] Agran PF, et al. **Am J Public Health** 1985 Feb; 75(2):128–9

Auto seat belts: good prenatal, postpartum, and infant care [letter] Attico NB, et al. **Am J Public Health** 1985 Aug; 75(8):892–3

An assessment of the California Child Passenger Restraint Requirement. Guerin D, et al. **Am J Public Health** 1985 Feb;75(2):142–4

Epidemiologic evidence and motor vehicle policy making. Runyan CW, et al. **Am J Public Health** 1985 Apr; 75(4):354–7

Seat belt study in the United Kingdom [letter] Rutherford WH. **Ann Emerg Med** 1984 Nov;13(11):1082–3

Passenger safety in cars. Sprigg SJ. **Arch Dis Child** 1985 Jul; 60(7):678–9

The eye and the seatbelt in Wessex. Hall NF, et al. **Br J Ophthalmol** 1985 May;69(5):317–9

Morbidity and mortality of car occupants: comparative survey over 24 months. Christian MS. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1525–6

Effect of seat belts on injuries to front and rear seat passengers. Wild BR, et al. **Br Med J [Clin Res]** 1985 Jun 1;290(6482):1621–3

Safety belt coalition formed. Swan S. **Colo Med** 1984 Aug; 81(8):197–8

A community health education approach to occupant protection. Gemming MG, et al. **Health Educ Q** 1984 Summer;11(2):147–58

Safety belt use and related health variables in a worksite health promotion program. Merrill BE, et al.

Health Educ Q 1984 Summer;11(2):171-9

Safety belt use, ejection and entrapment. O'Day J, et al. **Health Educ Q** 1984 Summer;11(2):141-6

Safety seat use in Indiana prior to mandatory legislation. Stroup KB, et al. **Indiana Med** 1984 Nov;77(11):866-9

The effect of seat belt legislation on injuries sustained by car occupants. Allen MJ, et al. **Injury** 1985 Jul;16(7):471-6

The effect of seat belt legislation on a district general hospital. Dreghorn CR. **Injury** 1985 May;16(6):415-8

Long-term effectiveness of selective traffic enforcement programs for increasing seat belt use. Jonah BA, et al. **J Appl Psychol** 1985 May;70(2):257-63

Seat belt usage--preventive orthopedics. Sorrells RB. **J Arkansas Med Soc** 1985 Jun;82(1):86-7

Seat belts in school buses. Schwartz LG, et al. **J Sch Health** 1985 Mar;55(3):119

Changing trends with abdominal injury in seat-belt wearers [letter] **J Trauma** 1985 Mar;25(3):277

Contrasting beliefs and actions of drivers regarding seatbelts: a study in New Orleans. Mawson AR, et al. **J Trauma** 1985 May;25(5):433-7

A plea for surgical leadership [editorial] Trunkey DD. **J Trauma** 1985 May;25(5):461

Leads from the MMWR. State legislation concerning use of safety belts--United States, 1985. **JAMA** 1985 Sep 13; 254(10):1290, 1295

The use and efficacy of child restraint devices. The Tennessee experience, 1982 and 1983. Decker MD, et al. **JAMA** 1984 Nov 9;252(18):2571-5

Bless the seats and the children: the physician and the legislative process [editorial] Sanders RS, et al. **JAMA** 1984 Nov 9;252(18):2613-4

Tandem seat belt [letter] Douglas JR. **Med J Aust** 1985 Feb 4;142(3):235-6

Seat belt sponsor Cruce on the new law and his job. Eberly C. **Mich Med** 1985 Mar;84(3):176-7

Heed this legal advice regarding seat belt exemptions. Weber RD. **Mich Med** 1985 Jul;84(7):390-1

Trauma prevention. The necessity of a seat belt restraint law in Minnesota. Mayron R. **Minn Med** 1985 Feb;68(2):95-6

State legislative activities concerning the use of seat belts--United States, 1985. **MMWR** 1985 Aug 23; 34(33):505-8, 513

Seat belts pay off. Campbell BJ, et al. **NC Med J** 1984 Nov; 45(11):717-9

The use of seat-belts [letter] Appleton I. **NZ Med J** 1985 May 22;98(779):399-400

Seat belts [letter] Moore S. **NZ Med J** 1985 Jul 10; 98(782):557-8

Motor vehicle accident trauma and restraint usage patterns in children less than 4 years of age. Agran PF, et al. **Pediatrics** 1985 Sep;76(3):382-6

Teaching car passenger safety to preschool children. Chang A, et al. **Pediatrics** 1985 Sep;76(3):425-8

Mandatory seatbelt law support and opposition in New England--a survey. Morelock S, et al. **Public Health Rep** 1985 Jul-Aug;100(4):357-63

[Medical contributions to the legal problem in insurance on the use of seat belts] Lutz FU, et al. **Lebensversicherungsmedizin** 1984 Nov 15;36(9):212-5 (Eng. Abstr.) **(Ger)**

ADVERSE EFFECTS

Fractures of the upper thoracic spine--an addition to the 'seat-belt' syndrome. Hampson S, et al. **Br J Radiol** 1984 Nov;57(683):1033-4

Seat-belt aorta: isolated abdominal aortic injury following blunt trauma. Clyne CA, et al. **Br J Surg** 1985 Mar; 72(3):239

Fracture of the body of the sternum associated with the use of static seat belts. Evans PD, et al. **Injury** 1985 Jul; 16(7):485-6

Isolated pancreatic damage following seat belt injury. Freeman CP. **Injury** 1985 Jul;16(7):478-80

Myocardial contusion associated with fracture of the sternum: important features of the seat belt syndrome. Hamilton JR, et al. **Injury** 1984 Nov;16(3):155-6

Chance fracture in a child: a case report with nonoperative treatment. Blasier RD, et al. **J Pediatr Orthop** 1985 Jan-Feb;5(1):92-3

Massive gastrointestinal bleeding following blunt abdominal trauma: an unusual case presentation. McBoyle MF, et al. **J Trauma** 1984 Dec;24(12):1057-9

Has the safety-belt replaced the hangman's noose? [letter] Lesoin F, et al. **Lancet** 1985 Jun 8;1(8441):1341

Torquing of neck and jaw due to belt restraint in whiplash-type accidents [letter] Roydhouse RH. **Lancet** 1985 Jun 8;1(8441):1341

Pacemaker discomfort induced by the wearing of seat belts. Wallis M, et al. **Postgrad Med J** 1985 Apr;61(714):305-6

Thrombosis of the iliac artery from seat belt injury [letter] Glen PM. **West J Med** 1985 Mar;142(3):400-1

[Seat belts and the fracture of the fetal skull] Kreutzfeldt B, et al. **Ugeskr Laeger** 1984 Sep 24;146(39):2955-6 (Eng. Abstr.) **(Dan)**

[Safety belts and fetal fractures of the cranium (letter)] Kristensen GB. **Ugeskr Laeger** 1984 Nov 12;146(46):3553-4 **(Dan)**

[Seat belt syndrome: a new abdominal pathology] Atlas H, et al. **Can J Surg** 1984 Sep;27(5):464-5 (Eng. Abstr.) **(Fre)**

[Spontaneous left hepatectomy caused by the safety-belt (letter)] Crespy G, et al. **Presse Med** 1985 Feb 9;14(5):281 **(Fre)**

[Textile changes in passenger clothing induced by seat belts at 50 km/h frontal impact] Schwarz G, et al. **Z Rechtsmed** 1984;92(4):291-306 (Eng. Abstr.) **(Ger)**

STANDARDS

An effective surrogate for impact studies. Berens DL, et al. **Ann Emerg Med** 1985 Feb;14(2):113-8

Air bags and seat belts--untangling standard 208. Teret SP. **J Public Health Policy** 1985 Mar;6(1):5-6

Seat belts on school buses [letter] Spital M. **JAMA** 1985 Jun 21;253(23):3400

[Car technology and traffic safety] Saarialho A, et al. **Duodecim** 1984;100(19):1259-66 **(Fin)**

SEAWATER

Cortisol dynamics during seawater adaptation of Atlantic salmon Salmo salar. Nichols DJ, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):R651-9

Deep-sea microbiology. Jannasch HW, et al. **Annu Rev Microbiol** 1984;38:487-514

Salinity adaptation in fish: effect of thyroxine on mitochondrial status. Shivakumar K, et al. **Arch Biochem Biophys** 1984 Sep;233(2):728-35

Vibrio vulnificus in sea water: a possible cause of acute diarrhea in man? Ciufecu C, et al. **Arch Roum Pathol Exp Microbiol** 1985 Jan-Mar; 44(1):87-91

High pH-induced acrosome reaction and Ca2+ uptake in sea urchin sperm suspended in Na+-free seawater. García-Soto J, et al. **Dev Biol** 1985 Aug;110(2):338-45

Hazardous marine animals. Auerbach PS. **Emerg Med Clin North Am** 1984 Aug;2(3):531-44

Deep-ocean radioactive waste disposal [letter] Webb GA. **Health Phys** 1984 Sep;47(3):491-3

Decrease in blood pressure in the Dead Sea region. Bernheim J, et al. **Isr J Med Sci** 1984 Dec;20(12):1193-4

Allogenic succession of marine bacterial communities in response to pharmaceutical waste. Grimes DJ, et al. **J Appl Bacteriol** 1984 Oct;57(2):247-61

Acrosomal reaction of the Thyone sperm. III. The relationship between actin assembly and water influx during the extension of the acrosomal process. Tilney LG, et al. **J Cell Biol** 1985 Apr;100(4):1273-83

Sunscreen seawater resistance: comparison of human and guinea-pig test models. Leroy D, et al. **Photodermatol** 1985 Feb;2(1):38-40

[A new Salmonella serotype isolated in Greece: Salmonella phaliron = 8:z:e,n,z15] Vassiliadis P, et al. **Bull Soc Pathol Exot Filiales** 1985;78(2):150-2 (Eng. Abstr.) **(Fre)**

[Climatic cures at the ocean in childhood] Menger W. **Off Gesundheitswes** 1984 Nov;46(11):557-61 **(Ger)**

[Clostridium botulinum in marine sediment] Simonetti D'Arca A, et al. **Nuovi Ann Ig Microbiol** 1983 Jul-Aug; 34(4):255-63 (Eng. Abstr.) **(Ita)**

[Sanitary-microbiological characteristics of South Atlantic seawater] Grigor'ev IuI, et al. **Gig Sanit** 1985 Jan;(1):16-8 (Eng. Abstr.) **(Rus)**

[Contamination and self-purification processes in the littoral zone of a seaside health resort] Karchava GV. **Gig Sanit** 1985 Apr;(4):84-5 **(Rus)**

[Study of the bacterial population of distilled water] Parkhomenko LV, et al. **Gig Sanit** 1985 Jan;(1):6-9 (Eng. Abstr.) **(Rus)**

ANALYSIS

Determination of inorganic tellurium species in natural waters. Andreae MO. **Anal Chem** 1984 Oct;56(12):2064-6

Organochlorine insecticides and PCBs in water, sediment, and fish from the Mediterranean Sea. el-Dib MA, et al. **Bull Environ Contam Toxicol** 1985 Feb;34(2):216-27

Identification and determination of some trace organic compounds in coastal seawater of northern Greece. Fytianos K, et al. **Bull Environ Contam Toxicol** 1985 Mar; 34(3):390-5

Changes in the sulfide content of bottom muds in going from river to sea. Hiraoka Y, et al. **Bull Environ Contam Toxicol** 1985 May;34(5):623-6

Brominated phenols and anisoles in river and marine sediments in Japan. Watanabe I, et al. **Bull Environ Contam Toxicol** 1985 Aug;35(2):272-8

Partition and determination of cadmium, copper, lead and zinc in marine suspended particulate matter. Rantala RT, et al. **Int J Environ Anal Chem** 1985;19(3):165-73

[The theory of the internal milieu from seawater] Wang ZJ. **Sheng Li Ko Hsueh Chin Chan** 1984 Jul;15(3):280-2 **(Chi)**

[Radioactive nuclides in the marine environment--distribution and behaviour of 95Zr, 95Nb originated from fallout] Yamato A, et al. **Radioisotopes** 1984 Jul;33(7):449-55 (Eng. Abstr.) **(Jpn)**

SEAWEED

see related

CARRAGEENAN

Cervical dilatation for early abortion (new approach). Purwar MB, et al. **Asia Oceania J Obstet Gynaecol** 1984 Sep; 10(3):275-9

A comparison of prostaglandin E2 pessaries and laminaria tents for ripening the cervix before termination of pregnancy. Killick SR, et al. **Br J Obstet Gynaecol** 1985 May;92(5):518-21

Effect of dietary seaweed preparations on 1,2-dimethylhydrazine-induced intestinal carcinogenesis in rats. Yamamoto I, et al. **Cancer Lett** 1985 Apr;26(3):241-51

The effect of cervical dilatation by laminaria on the plasma levels of 15-keto-13,14-dihydro-PGF2 alpha. Olund A, et al. **Contraception** 1984 Jul;30(1):23-7

The rumen microbiology of seaweed digestion in Orkney sheep. Orpin CG, et al. **J Appl Bacteriol** 1985 Jun; 58(6):585-96

ANALYSIS

Antitumor effect of seaweeds. IV. Enhancement of antitumor activity by sulfation of a crude fucoidan fraction from Sargassum kjellmanianum. Yamamoto I, et al. **Jpn J Exp Med** 1984 Aug;54(4):143-51

SEBACEOUS CYST see **EPIDERMAL CYST**

SEBACEOUS GLAND NEOPLASMS

Ophthalmologic oncology: sebaceous carcinomas of the eyelids. Pang P, et al. **J Dermatol Surg Oncol** 1985 Mar; 11(3):260-4

[Sebaceous carcinoma with visceral metastasis] Faber JE, et al. **Ugeskr Laeger** 1985 May 6;147(19):1551 (Eng. Abstr.) **(Dan)**

ANALYSIS

Abnormal and unstable patterns of the DNA of stroma cells in a patient with tuberous sclerosis--a flow cytofluorometric investigation. Ishibashi Y, et al. **J Dermatol (Tokyo)** 1984 Apr;11(2):139-47

COMPLICATIONS

[Linear nevus sebaceous syndrome: report of a case and a review of the literature] Konishi T, et al. **No To Hattatsu** 1984 Sep;16(5):399-403 (Eng. Abstr.) **(Jpn)**

[Brain sonography in linear nevus sebaceous syndrome] Tanino S, et al. **No To Hattatsu** 1985 Jan;17(1):81-3 **(Jpn)**

CONGENITAL

[Congenital giant sebaceous adenoma of the parotid gland secreting carcinoembryonic antigen, disclosed by immunoperoxidase PAP. Apropos of a case] Roth A. **Arch Anat Cytol Pathol** 1985;33(1):55-7 (Eng. Abstr.) **(Fre)**

DRUG THERAPY

Oral isotretinoin therapy for familial Muir-Torre syndrome. Spielvogel RL, et al. **J Am Acad Dermatol** 1985 Mar; 12(3):475-80

FAMILIAL & GENETIC

Lynch syndrome II and Lynch syndrome I [letter] Fusaro RM. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):129-31

PATHOLOGY

A complex poroma-like adnexal adenoma. Hanau D, et al. **Am J Dermatopathol** 1984 Dec;6(6):567-72

Sebaceoma [letter] Sanchez Yus E, et al. **Am J Dermatopathol** 1985 Apr;7(2):198-9

Extraorbital sebaceous carcinoma. Pricolo VE, et al. **Arch Surg** 1985 Jul;120(7):853-5

Multiple sebaceous tumors and carcinomas of the colon. Torre syndrome. Alessi E, et al. **Cancer** 1985 Jun 1; 55(11):2566-74

Adnexal carcinomas of the skin. II. Extraocular sebaceous carcinomas. Wick MR, et al. **Cancer** 1985 Sep 1; 56(5):1163-72

Serial transplantation to nude mice of an androgen-dependent pilosebaceous tumor developed in Suncus murinus. Itami S, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5666-9

Sebaceous carcinoma. Graham RM, et al. **Clin Exp Dermatol** 1984 Sep;9(5):466-71

Tumors of ceruminous glands. Lynde CW, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):841-7

Sebaceous tumors of the skin. Mehregan AH. **J Cutan Pathol** 1985 Jun-Aug;12(3-4):196-9

The natural history of nevus sebaceus. Morioka S. **J Cutan Pathol** 1985 Jun-Aug;12(3-4):200-13

Sebaceous gland neoplasia. Prioleau PG, et al. **J Cutan Pathol** 1984 Oct;11(5):396-414 (41 ref.)

Jadassohn's sebaceous nevus. Serpas de López RM, et al. **J Dermatol Surg Oncol** 1985 Jan;11(1):68-72

Cutaneous adnexal tumors and cysts: a review. Part I. Tumors with hair follicular and sebaceous glandular differentiation and cysts related to different parts of the hair follicle. Massa MC, et al. **Pathol Annu** 1985;20 Pt 2:189-233 (56 ref.)

[Sebaceous carcinoma. Its focus apropos of a case] Flament J, et al. **Bull Soc Ophtalmol Fr** 1984 Mar;84(3):279, 281-4 (Eng. Abstr.) **(Fre)**

[Other malignant skin tumors: carcinoma of cutaneous appendages and metastatic carcinoma to the skin] Arao T. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1767–74 (Eng. Abstr.) **(Jpn)**

RADIOGRAPHY

Computed tomography appearances in the linear sebaceous naevus syndrome. Levin S, et al. **Neuroradiology** 1984; 26(6):469–72

SECONDARY

Torre–Muir syndrome. An association with isolated sebaceous carcinoma. Graham R, et al. **Cancer** 1985 Jun 15;55(12):2868–73

SURGERY

Sebaceous gland carcinoma [letter] Boynton JR, et al. **Arch Ophthalmol** 1985 Feb;103(2):175, 179

Sebaceous carcinoma of the eyelid: treatment with Mohs surgery. Dzubow LM. **J Dermatol Surg Oncol** 1985 Jan; 11(1):40–4

SEBACEOUS GLANDS

[Sebaceous gland heterotopia in the esophagus (letter)] Wörmann B, et al. **Dtsch Med Wochenschr** 1984 Sep 28; 109(39):1503 **(Ger)**

ABNORMALITIES

Sebaceous gland hyperplasia on rabbit pinna induced by tetradecane. Ito M, et al. **J Invest Dermatol** 1985 Sep; 85(3):249–54

ANALYSIS

The occurrence of long chain alpha, omega–diols in the lipids of steer and human meibomian glands. Nicolaides N, et al. **Lipids** 1984 Dec;19(12):990–3

ANATOMY & HISTOLOGY

Morphometric studies of the hamster flank organ: an improved model to evaluate pharmacologic effects on sebaceous glands. Weissmann A, et al. **J Invest Dermatol** 1984 May;82(5):522–5

CYTOLOGY

Histochemical characterization of the naso–labial glands of two species of ruminants (Ovis aries and Bos taurus). Gargiulo AM, et al. **Basic Appl Histochem** 1984; 28(3):317–27

DRUG EFFECTS

Effects of hormones and gonadal status on the midventral gland of the grasshopper mouse Onychomys leucogaster. Pinter AJ. **Anat Rec** 1985 Mar;211(3):318–22

Antiandrogenic effects of topically applied spironolactone on the hamster flank organ. Weissmann A, et al. **Arch Dermatol** 1985 Jan;121(1):57–62

The lack of effect of 11 alpha–hydroxyprogesterone on the flank–organ and ear sebaceous glands of adult male Syrian golden hamsters. Matias JR, et al. **Arch Dermatol Res** 1984; 276(5):346–8

The local antiandrogenic effect of the intracutaneous injection of progesterone in the flank organ of sexually mature male Syrian golden hamster. Orentreich N, et al. **Arch Dermatol Res** 1984;276(6):401–5

Effect of topical application of 13–cis retinoic acid on skin of hairless rats and hairless mice. Puhvel SM, et al. **Arch Dermatol Res** 1985;277(5):395–9

The effect of estradiol on the sebaceous gland of the hamster ear and its antagonism by tamoxifen. Schäfer G, et al. **Arch Dermatol Res** 1985;277(3):230–4

Absence of 5 alpha–dihydrotestosterone action in the sebaceous–like uropygial gland of the male Japanese quail. Abalain JH, et al. **J Steroid Biochem** 1984 Nov;21(5):623–4

17 alpha–Propylmesterolone (SH 434): an antiandrogenic sebosuppressive substance not influencing circulating testosterone concentrations. Experimental studies in Syrian hamsters. Luderschmidt C, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Dec; 328(2):214–8

[Antiandrogens in dermatological therapy. I. Mechanism of action of antiandrogens with special reference to the skin] Zabel J. **Przegl Dermatol** 1984 May–Jun;71(3):291–5 (41 ref.) **(Pol)**

ENZYMOLOGY

Enzyme histochemical profile of the adult human female prostate (paraurethral glands). Zaviačič M, et al. **Histochem J** 1985 May;17(5):564–6

[Alkaline phosphatase of the cutaneous glands and vessels in the rat and mouse] Sokolov VE, et al. **Dokl Akad Nauk SSSR** 1985;281(6):1450–4 **(Rus)**

[Cellular cholinesterases of epidermis and skin glands of mammals] Sokolov VE, et al. **Izv Akad Nauk SSSR [Biol]** 1985 May–Jun;(3):390–403 (Eng. Abstr.) **(Rus)**

INNERVATION

[Innervation of specific skin glands in the rabbit: the cholinergic terminal reticulum] Sokolov VE, et al. **Dokl Akad Nauk SSSR** 1984;277(5):1245–9 **(Rus)**

METABOLISM

Recent advances in hormonal aspects of acne vulgaris. Darley CR. **Int J Dermatol** 1984 Oct;23(8):539–41 (7 ref.)

Suppression of a thioesterase gene expression and the disappearance of short chain fatty acids in the preen gland of the mallard duck during eclipse, the period following postnuptial molt. Kolattukudy PE, et al. **J Biol Chem** 1985 Sep 5;260(19):10789–93

Histochemistry of the cutaneous adnexa and selected adnexal neoplasms. Johnson WC. **J Cutan Pathol** 1984 Oct; 11(5):352–6

Comparison of epidermal growth factor binding and receptor distribution in normal human epidermis and epidermal appendages. Nanney LB, et al. **J Invest Dermatol** 1984 Nov; 83(5):385–93

Testosterone and dihydrotestosterone levels in epididymis, vas deferens, seminal vesicle and preputial gland of mice after hCG injection. Jean–Faucher C, et al. **J Steroid Biochem** 1985 Aug;23(2):201–5

Incorporation in vitro of 14C fatty acids into bovine sebaceous gland and dermal lipids. McMaster JD, et al. **Res Vet Sci** 1985 May;38(3):341–5

PATHOLOGY

Premature sebaceous gland hyperplasia: successful treatment with isotretinoin. Burton CS, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):182–4

[Mucinosis follicularis. Histologic and electron microscopy studies] Grussendorf–Conen EI, et al. **Hautarzt** 1984 Aug; 35(8):408–14 (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

Atriopeptin stimulation of rectal gland function in Squalus acanthias. Solomon R, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):R348–54

Development of a nude mouse model to study human sebaceous gland physiology and pathophysiology. Petersen MJ, et al. **J Clin Invest** 1984 Oct;74(4):1358–65

PHYSIOPATHOLOGY

[Sebum and seborrhea] Pierard GE, et al. **Rev Med Liege** 1985 Mar 15;40(6):197–203 **(Fre)**

SECRETION

Mode of action of somatostatin to inhibit secretion by shark rectal gland. Silva P, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):R329–34

Measurement of the time between biosynthesis and surface excretion of sebaceous lipids in the horse. Colton SW 6th, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):98–103

Androgen regulation of secretions in the sebaceous–like uropygial gland of the male Japanese quail. Abalain JH, et al. **J Endocrinol** 1984 Nov;103(2):147–53

Proportions of various straight and branched fatty acid chain types in the sebaceous wax esters of young children. Stewart ME, et al. **J Invest Dermatol** 1985 Jun;84(6):501–3

SEBORRHEA

Scales in the balance: dandruff reconsidered [editorial] **Lancet** 1985 Sep 28;2(8457):703–4

CHEMICALLY INDUCED

Nicotine as a hapten in seborrhoeic dermatitis [letter] Sudan BJ, et al. **Contact Dermatitis** 1984 Sep;11(3):196–7

COMPLICATIONS

Blepharitis associated with acne rosacea and seborrheic dermatitis. McCulley JP, et al. **Int Ophthalmol Clin** 1985 Spring;25(1):159–72

DIAGNOSIS

Dandruff and seborrheic dermatitis. Eyre RW, et al. **NC Med J** 1984 Dec;45(12):789–90

Neonatal seborrheic dermatitis [letter] Leung AK. **West J Med** 1985 Apr;142(4):558

[Multiple seborrheic keratoses in a child aged 10 years] Harari Z, et al. **Harefuah** 1985 Mar 1;108(5):251–2 (Eng. Abstr.) **(Heb)**

[Verruca seborrheica (the problems of its clinical picture, pathogenesis, morphology and therapy)] Berenbein BA, et al. **Vestn Dermatol Venerol** 1985 Jan;(1):38–41 (73 ref.) **(Rus)**

DRUG THERAPY

Controlled comparison of Clinitar Shampoo and Selsun Shampoo in the treatment of seborrhoeic dermatitis of the scalp. Fredriksson T. **Br J Clin Pract** 1985 Jan;39(1):25–8

The response of seborrhoeic dermatitis to ketoconazole. Ford GP, et al. **Br J Dermatol** 1984 Nov;111(5):603–7

The effects of a shampoo containing zinc pyrithione on the control of dandruff. Marks R, et al. **Br J Dermatol** 1985 Apr;112(4):415–22

Treatment of sebopsoriasis. A clinical trial––an etiological approach. Döring HF. **Dermatologica** 1984;169 Suppl 1:125–33

Double–blind treatment of seborrheic dermatitis with 2% ketoconazole cream. Skinner RB Jr, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):852–6

Halomethasone (C 48.401–Ba) for the topical treatment of common dermatoses. de la Brassine M, et al. **J Int Med Res** 1984;12(5):307–9

Treatment of seborrhoeic dermatitis with topical ketoconazole [letter] Farr PM, et al. **Lancet** 1984 Dec 1; 2(8414):1271–2

[Effect of a new hormonal contraceptive (Neo–Eunomin) in females with androgenization symptoms] Kaiser E. **Geburtshilfe Frauenheilkd** 1984 Oct;44(10):651–5 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

[Phagocytic and bactericidal activities of neutrophils in severe seborrheic dermatoses] Dabrowska–Widera J. **Przegl Dermatol** 1984 Mar–Apr;71(2):109–13 (Eng. Abstr.) **(Pol)**

METABOLISM

[Lipid fatty acids of the blood serum and surface of the skin in seborrhea patients] Alimova EK, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):15–8 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

[Pityrosporum ovale in keratotic lesions of seborrheic areas] Bourlond A, et al. **Ann Dermatol Venereol** 1984; 111(12):1081–5 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Pemphigus foliaceus presenting as multiple giant seborrheic keratoses [letter] Kahana M, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):299–300

Trichilemmal neoplasm developing in seborrheic keratosis––report of two cases. Horiguchi Y, et al. **J Dermatol (Tokyo)** 1985 Apr;12(2):167–73

[A case of dermatosis papulosa nigra in a white man] Binazzi M, et al. **Ann Dermatol Venereol** 1984;111(11):1013–5 **(Fre)**

PHYSIOPATHOLOGY

Simultaneous occurrence of idiopathic lipemic tears and massive seborrhea. Hebert AA, et al. **Arch Dermatol** 1985 Jan;121(1):112–4

[Sebum and seborrhea] Pierard GE, et al. **Rev Med Liege** 1985 Mar 15;40(6):197–203 **(Fre)**

SURGERY

Dermabrasion for the treatment of a giant seborrheic keratosis. Pepper E. **J Dermatol Surg Oncol** 1985 Jun; 11(6):646–7

VETERINARY

Treatment of idiopathic seborrhea in a dog. Bates JR. **Mod Vet Pract** 1984 Sep;65(9):725

SEBUM

ANALYSIS

The lipid composition of bovine sebum and dermis. McMaster JD, et al. **Br Vet J** 1985 Jan–Feb;141(1):34–41

Structures of the dienoic lactones of horse sebum. Frost ML, et al. **Comp Biochem Physiol [B]** 1984;78(3):549–52

Proportions of various straight and branched fatty acid chain types in the sebaceous wax esters of young children. Stewart ME, et al. **J Invest Dermatol** 1985 Jun;84(6):501–3

DRUG EFFECTS

Lack of influence of testosterone on sebum output and composition in bovines. O'Kelly JC. **Comp Biochem Physiol [A]** 1985;80(2):209–14

Sebum suppression by benzoylperoxide. Schmidt JB, et al. **Dermatologica** 1985;170(4):165–9

METABOLISM

The possible role of squalene and its peroxide of the sebum in the occurrence of sunburn and protection from the damage caused by U.V. irradiation. Ohsawa K, et al. **J Toxicol Sci** 1984 May;9(2):151–9

17 alpha–Propylmesterolone (SH 434): an antiandrogenic sebosuppressive substance not influencing circulating testosterone concentrations. Experimental studies in Syrian hamsters. Luderschmidt C, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Dec; 328(2):214–8

PHYSIOLOGY

Does kissing aid human bonding by semiochemical addiction? Nicholson B. **Br J Dermatol** 1984 Nov;111(5):623–7

[Relations between the inhibition and stimulation of microorganism growth and the composition of sebum] Basta M, et al. **Przegl Epidemiol** 1984;38(4):369–76 (Eng. Abstr.) **(Pol)**

SECRETION

Effect of topical application of 13-cis retinoic acid on skin of hairless rats and hairless mice. Puhvel SM, et al. **Arch Dermatol Res** 1985;277(5):395-9

Measurement of sebum excretion rate and skin temperature above and below the neurological lesion in paraplegic patients. Thomas SE, et al. **Br J Dermatol** 1985 May; 112(5):569-73

The time course of sebum secretion in the guinea-pig. Gaul BL, et al. **Comp Biochem Physiol [B]** 1985;80(3):431-5

Measurement of sebum secretion rates in young children. Stewart ME, et al. **J Invest Dermatol** 1985 Jan;84(1):59-61

SECLAZONE see under **OXAZINES**

SECOBARBITAL

PHARMACODYNAMICS

Comparison of the effects of diphenylbarbituric acid, phenobarbital, pentobarbital and secobarbital on GABA-mediated inhibition and benzodiazepine binding. Iadarola MJ, et al. **J Pharmacol Exp Ther** 1985 Jan; 232(1):127-33

SECOND OPINION see **REFERRAL AND CONSULTATION**

SECOSTEROIDS

BIOSYNTHESIS

Phenolic 9,10-secosteroids as products of the catabolism of bile acids by a Pseudomonas sp. Park RJ. **Steroids** 1984 Aug;44(2):175-93

CHEMICAL SYNTHESIS

Preparation of 2,3-seco-5 alpha-cholestane-2,3-diol and 4 alpha-methyl-2,3-seco-5 alpha-cholestane-2,3-diol and its reactions with o-nitrophenyl selenocyanate. Arnó M, et al. **Steroids** 1984 Mar;43(3):305-14

Studies in antifertility agents--Part XLI : Secosteroids--X : Syntheses of various stereoisomers of (+/-) 2,6 beta -diethyl-7 alpha -ethynyl-3-(p-hydroxyphenyl)-trans-bicyclo[4.3.0]nonan beta-ol. Thingran AG, et al. **Steroids** 1983 Dec; 42(6):627-34

SECRETIN

ADVERSE EFFECTS

Treatment with secretin and a cholecystokinin-like peptide in patients with pancreatic cancer. A pilot study. Steffensrud S, et al. **Scand J Gastroenterol** 1984 Oct; 19(7):909-15

ANALOGS & DERIVATIVES

Overproduction of a gastrointestinal hormone, secretin, in Escherichia coli cells and its chemical characterization. Sumi S, et al. **Gene** 1984 Jul-Aug;29(1-2):125-34

ANALYSIS

Ultrastructural localization of secretin in endocrine cells of the dog duodenum by the immunogold technique. Comparison with ultrastructurally characterized S cells of various mammals. Usellini L, et al. **Histochemistry** 1984; 80(5):435-41

Self-association and solubility of peptides. Solvent-titration study of protected C-terminal segments of porcine secretin. Toniolo C, et al. **Int J Pept Protein Res** 1985 Apr; 25(4):425-30

Bile-acid content of a commercial secretin [letter] Kyffin D, et al. **J Pharm Pharmacol** 1985 May;37(5):376

ANTAGONISTS & INHIBITORS

Somatostatin analogs: correlation of receptor affinity with inhibition of cyclic AMP formation in pancreatic acinar cells. Taparel D, et al. **Peptides (Fayetteville)** 1985 Jan-Feb; 6(1):109-14

BLOOD

Comparative studies of plasma secretin response after reconstructive surgery of the stomach and pancreas. Satake K, et al. **Ann Surg** 1985 Apr;201(4):447-51

Plasma secretin in response to pure bile salts and endogenous bile in man. Bondesen S, et al. **Dig Dis Sci** 1985 May; 30(5):440-4

Pancreatic enzyme response to a liquid meal and to hormonal stimulation. Correlation with plasma secretin and cholecystokinin levels. Beglinger C, et al. **J Clin Invest** 1985 May;75(5):1471-6

Cimetidine fails to suppress the rise in plasma secretin during fasting. Bell PM, et al. **Regul Pept** 1985 Mar;10(2-3):127-31

Physiological circulating levels of secretin-like immunoreactivity in the human do not stimulate free fatty acid production. Beringer TR, et al. **Regul Pept** 1984 Sep; 9(1-2):69-75

Portal and systemic plasma VIP and secretin during intravenous infusion of Escherichia coli endotoxin in pigs. Lygren I, et al. **Scand J Gastroenterol** 1984 Nov; 19(8):1048-52

Plasma secretin, pancreozymin, and somatostatin-like hormone in chronic renal failure patients. Grekas DM, et al. **Uremia Invest** 1984-85;8(2):117-20

DEFICIENCY

[Secretin and peptic ulcer] Malov IuS. **Ter Arkh** 1985; 57(2):6-9 (Eng. Abstr.) **(Rus)**

DIAGNOSTIC USE

Changes in serum pancreatic enzymes after hormonal stimulation in chronic pancreatitis. Lesi C, et al. **Dig Dis Sci** 1985 Jun;30(6):552-7

Determination of lipase concentrations by enzyme immunoassay in secretin-caerulein test. Brackmann P, et al. **Ric Clin Lab** 1984 Jul-Sep;14(3):409-12

[Secretin test and its applications] Lu XH, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Oct; 6(5):372-4 (Eng. Abstr.) **(Chi)**

[Sonographic visualization of the pancreatic duct before and after secretin stimulation: an aid in the diagnosis of chronic pancreatitis] Glaser J, et al. **Ultraschall Med** 1985 Apr; 6(2):106-9 (Eng. Abstr.) **(Ger)**

[Gastrinoma: diagnosis and management of Zollinger-Ellison syndrome] Sugihara K. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):1044-8 (Eng. Abstr.) **(Jpn)**

[The influence of obstructive jaundice on wound healing of pancreatico-jejunostomy with reference to the function of the pancreas as assessed by glucose tolerance and pancreozymin-secretin test] Takahashi S. **Nippon Geka Gakkai Zasshi** 1984 Oct;85(10):1332-43 (Eng. Abstr.) **(Jpn)**

[A study of secretin dosage of secretin provocation test in the Zollinger-Ellison syndrome] Matsui T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):288-95 (Eng. Abstr.) **(Jpn)**

[Secretin-pancreozymin test after surgical treatment of cholelithiasis] Ivanchenkova RA, et al. **Sov Med** 1985; (1):86-90 **(Rus)**

ISOLATION & PURIFICATION

A proform of secretin with high secretin-like bioactivity. Gafvelin G, et al. **FEBS Lett** 1985 May 20;184(2):347-52

Isolation of a proform of porcine secretin by ion-exchange and reversed-phase high-performance liquid chromatography. Carlquist M, et al. **J Chromatogr** 1984 Jul 27;296:143-51

Presence of biologically and immunologically active secretin-like substance in the mammalian brain. Chang TM, et al. **Peptides (Fayetteville)** 1985 Mar-Apr;6(2):193-8

METABOLISM

Release of secretin immunoreactivity from the ileum. Tranberg KG, et al. **Ann Surg** 1985 Mar;201(3):300-4

Comparative assessment of secretin and motilin responses to graded duodenal acidification in anaesthetised pigs. Cuber JC, et al. **Digestion** 1985;32(1):35-41

Effects of dose, pH, and osmolarity on nasal absorption of secretin in rats. Ohwaki T, et al. **J Pharm Sci** 1985 May; 74(5):550-2

PHARMACODYNAMICS

Effects of secretin on parathyroid hormone and calcium in normal subjects, patients with hyperparathyroidism and patients with gastrinoma. Benson L, et al. **Acta Med Scand** 1985;217(2):205-11

The PABA test as a measure of pancreatic function. Comparison with the secretin-cholecystokinin test. Schiøtz PO, et al. **Acta Paediatr Scand** 1985 May;74(3):460-1

Dose-response effects of atropine on pancreatic response to secretin before and after truncal vagotomy. Singer MV, et al. **Am J Physiol** 1985 May;248(5 Pt 1):G532-8

Regulation of gastric acid secretion by secretin and serotonin. Mate L, et al. **Am J Surg** 1985 Jan;149(1):40-5

Electrophoretic and cytological evidence for heterogeneity of pancreatic acinar cell responsiveness to carbachol, caerulein and secretin. Phaneuf S, et al. **Cell Tissue Res** 1985;239(1):105-9

Effect of secretagogues on pancreatic exocrine secretion in the monkey and the dog. Iwatsuki K, et al. **Clin Exp Pharmacol Physiol** 1985 Jan-Feb;12(1):67-72

Effects of exogenous secretin on pancreatic and biliary ductal and sphincteric pressures in man demonstrated by endoscopic manometry and correlation with plasma secretin levels. Carr-Locke DL, et al. **Dig Dis Sci** 1985 Oct;30(10):909-17

Effect of secretin on stress-induced gastric bleeding in rats. Murakami M, et al. **Dig Dis Sci** 1985 Apr;30(4):346-52

Dissociation of the alpha-adrenergic inhibitory effects on glucagon- and secretin-stimulated bile volume and on cyclic adenosine monophosphate production in the isolated perfused rat liver. Yamatani K, et al. **Endocrinology** 1985 May;116(5):1694-8

Secretin and pancreatic enzyme secretion [letter] Beglinger C, et al. **Gut** 1985 Mar;26(3):320-2

Failure of secretin to prevent or ameliorate cerulein-induced pancreatitis in the rat. Keim V, et al. **Hepatogastroenterology** 1985 Apr;32(2):91-6

Effect of secretin and test meal on parathyroid hormone secretion in normal man and in primary hyperparathyroidism. Williams GA, et al. **Horm Metab Res** 1984 Oct;16(10):555-6

Hormonal influence of synthetic secretin and GIH-cholecystokinin on serum gastrin concentrations [letter] Bauer FE, et al. **J Clin Gastroenterol** 1984 Aug; 6(4):382-3

Characteristics of secretin-stimulated pancreatic secretion in dogs. Maggee DF, et al. **J Physiol (Lond)** 1984 Nov; 356:391-9

Secretin, VIP, and PHI stimulate rat proximal duodenal surface epithelial bicarbonate secretion in vivo. Isenberg JI, et al. **Regul Pept** 1984 Jul;8(4):315-20

Effects of substance P and somatostatin on taurocholate-stabilized and CCK- or secretin-induced choleresis in the anesthetized dog. Magnusson I, et al. **Scand J Gastroenterol** 1984 Nov;19(8):1007-14

Evaluation of the marker technique for measurement of exocrine pancreatic secretion rate. Rune SJ, et al. **Scand J Gastroenterol** 1985 May;20(4):525-9

Failure of secretin to stimulate gastrin release and adenylate cyclase activity in gastrinoma in vitro. Ellison EC, et al. **Surgery** 1984 Dec;96(6):1019-26

[Effect of synthetic secretin and GIH-cholecystokinin on serum gastrin levels] Bauer FE, et al. **Wien Med Wochenschr** 1984 Aug 31;134(15-16):351-4 (Eng. Abstr.) **(Ger)**

[Secretin and cholecystokinin: hormonal action on the concentration of vasoactive intestinal polypeptide and gastrin in human subjects?] Bauer FE, et al. **Z Gastroenterol** 1984 Aug;22(8):388-93 (Eng. Abstr.) **(Ger)**

[Comparative study on the inhibitory effect of glucagon and secretin on the gastroduodenal motility in man] Nishioka T, et al. **Nippon Heikatsukin Gakkai Zasshi** 1984 Dec; 20(6):493-9 (Eng. Abstr.) **(Jpn)**

[The effects of gastrointestinal hormones on the growth and protein synthesis of human stomach and colon carcinomas] Tanaka J, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May;82(5):1318-26 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Does secretin control insulin secretion? Greco AV, et al. **Exp Clin Endocrinol** 1984 Jul;84(1):81-6

[Physiological significance of secretin on gastric secretion] Shiratori K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Aug;81(8):1737-41 (Eng. Abstr.) **(Jpn)**

[Gastrointestinal hormones and related neuropeptides. IV. The secretion group: gastric inhibitory polypeptide (GIP), intestinal pancreatic glucagon-like immunoreactants (intestinal GLI) and PHI] Krowicki Z, et al. **Postepy Hig Med Dosw** 1984 Jul-Aug;38(4):513-34 (128 ref.) (Eng. Abstr.) **(Pol)**

[Gastrointestinal hormones and related neuropeptides. II. The secretin group: secretin] Krowicki Z, et al. **Postepy Hig Med Dosw** 1983 Sep-Dec;37(5-6):449-64 (98 ref.) (Eng. Abstr.) **(Pol)**

SECRETION

[Secretin cells in the jejunal mucosa in celiac disease before, during and after diet therapy. Immunohistochemical study] Ceccamea A, et al. **Minerva Pediatr** 1984 Sep 30; 36(18):901-4 (Eng. Abstr.) **(Ita)**

THERAPEUTIC USE

Inhibitory effects of secretin on gastrin-stimulated rat colon neoplasms. Elwyn KE, et al. **Cancer** 1985 Mar 15; 55(6):1186-9

Caerulein-induced acute necrotizing pancreatitis in mice: protective effects of proglumide, benzotript, and secretin. Niederau C, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1192-204

pH-control via secretin or antacid: prophylaxia of stress ulcers in high-risk surgical patients. Lehmann L, et al. **Intensive Care Med** 1984;10(5):239-43

SECRETORY COMPONENT see under **IMMUNOGLOBULIN FRAGMENTS**

SECRETORY GRANULES see **CYTOPLASMIC GRANULES**

SECRETORY IGA see **IGA, SECRETORY**

SECRETORY PHASE see **MENSTRUAL CYCLE**

SECURITY MEASURES

Computer security: how safe are your records? Bourgoin-Collas M, et al. **Dimens Health Serv** 1985 Jan; 62(1):12-3, 34

Protection overlooked in hospital design. Morse GP, et al. **Hospitals** 1984 Oct 1;58(19):78

Computer security. 1. Protecting data from prying eyes. Batson E. **Postgrad Med** 1984 Nov 1;76(6):171-2

National security and the health of people: human needs and the allocation of scarce resources. Gellhorn A. **Soc Sci Med** 1984;19(4):307-32

[Treatment and security in psychiatric hospitals: the model of the Bethlem Royal Hospital] MacKeith JA. **Rev Med Suisse Romande** 1985 Jan;105(1):45-51 **(Fre)**

[Office computer and patient history: data protection] Howald M. **Schweiz Rundsch Med Prax** 1985 May 14; 74(20):543-4 (Eng. Abstr.) **(Ger)**

[Access control system for a radioisotope laboratory with a personal computer] Nishizawa K, et al. **Radioisotopes** 1984 Nov;33(11):768-75 (Eng. Abstr.) **(Jpn)**

SEDATIVES see HYPNOTICS AND SEDATIVES

SEDATIVES, NONBARBITURATE

Midazolam: pharmacology and uses. Reves JG, et al. **Anesthesiology** 1985 Mar;62(3):310-24 (143 ref.)

[Sedative effects of a new series of pyridazinones] Taoufik J, et al. **Ann Pharm Fr** 1984;42(2):135-44 (Eng. Abstr.) **(Fre)**

[Use of flunitrazepam during cranial tomodensitometric examinations] Sancier A, et al. **Cah Anesthesiol** 1984 Dec; 32(8 Suppl):47-8 **(Fre)**

CHEMICAL SYNTHESIS

[Synthesis and pharmacologic study of saturated amino ethers] Antoniadou-Vyzas A, et al. **Ann Pharm Fr** 1984; 42(3):239-42 (Eng. Abstr.) **(Fre)**

PHARMACODYNAMICS

Midazolam pharmacodynamics and pharmacokinetics during acute hypovolemia. Adams P, et al. **Anesthesiology** 1985 Aug;63(2):140-6

Sleep and wake after benzodiazepine hypnotics: a 20-hour EEG comparison of lormetazepam and flunitrazepam. Timsit-Berthier M, et al. **Curr Med Res Opin** 1985; 9(8):552-9

THERAPEUTIC USE

A double-blind controlled subjective study of a new pharmaceutical preparation of lormetazepam versus placebo in patients with chronic sleep disturbances. Meco G, et al. **J Int Med Res** 1985;13(1):12-8

[Intravenous sedation before endoscopic interventions. Comparative study of lormetazepam and diazepam in oil] Tolksdorf W, et al. **Fortschr Med** 1985 Mar 7;103(9):249-52 (Eng. Abstr.) **(Ger)**

SEEDS

Toxicological assessment of seeds from Moringa oleifera and Moringa stenopetala, two highly efficient primary coagulants for domestic water treatment of tropical raw waters. Berger MR, et al. **East Afr Med J** 1984 Sep; 61(9):712-6

Whole rolled sunflower seeds with or without additional limestone in lactating dairy cattle rations. Finn AM, et al. **J Dairy Sci** 1985 Apr;68(4):903-13

Discussion of 'Datura stramonium: a fatal poisoning' [letter] Michalodimitrakis M, et al. **J Forensic Sci** 1984 Oct; 29(4):961-2

Cardiotoxicity in yellow oleander seed poisoning. Mallick BK. **J Indian Med Assoc** 1984 Aug;82(8):296-7

Inhalation hazards of tropical 'pea shooters'. Barss P. **Papua New Guinea Med J** 1985 Mar;28(1):45-6

Coagulant property of an indigenous seed: home water treatment in Tamil Nadu. Abel R, et al. **Trop Doct** 1985 Jan;15(1):45-7

[Propagating technics for Gentiana scabra using seeds] Yu ZZ. **Chung Yao Tung Pao** 1985 Jan;10(1):9-11 **(Chi)**

[Variability in the dormancy of seeds of Securigera securidaca (L.) Deg. et Dorfl. Preliminary note] Roti-Michelozzi G, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2061-5 (Eng. Abstr.) **(Ita)**

[Obtaining flour and protein concentrate from seeds of Melilotus albus. Study of the protein quality] de Mucciarelli SI, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):94-108 (Eng. Abstr.) **(Spa)**

ANALYSIS

1H NMR spectra of trypsin inhibitors from seeds of Cucurbitaceae plants. Resonance signals of methyl groups. Siemion IZ, et al. **Acta Biochim Pol** 1984;31(2):207-15

Electron microscopy of seed-storage globulins. Tulloch PA, et al. **Arch Biochem Biophys** 1985 Sep;241(2):521-32

Characterization of a Saponaria officinalis seed ribosome-inactivating protein: immunoreactivity and sequence homologies. Lappi DA, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):934-42

Purification, properties and amino acid sequence of a low-Mr abundant seed protein from pea (Pisum sativum L.). Gatehouse JA, et al. **Biochem J** 1985 Jan 1;225(1):239-47

A conformational study of a glutamine- and proline-rich cereal seed protein, C hordein. Tatham AS, et al. **Biochem J** 1985 Mar 1;226(2):557-62

Stability and physicochemical properties of a trypsin inhibitor from winged bean seed (Psophocarpus tetragonolobus (L)DC). Gruen LC, et al. **Biochim Biophys Acta** 1984 Dec 21;791(3):285-93

Chemical & nutritional studies on Acacia auriculaeformis seed oil. Mandal B, et al. **Indian J Med Res** 1984 Nov; 80:607-10

Characterization and immunocytochemical distribution of calmodulin in higher plant endosperm cells: localization in the mitotic apparatus. Vantard M, et al. **J Cell Biol** 1985 Aug;101(2):488-99

The cyanide content of laetrile preparations, apricot, peach and apple seeds. Holzbecher MD, et al. **J Toxicol Clin Toxicol** 1984;22(4):341-7

Characterization of gamma-linolenic acid in Ribes seed. Traitler H, et al. **Lipids** 1984 Dec;19(12):923-8

Some functional properties of oilseed proteins. Khalil M, et al. **Nahrung** 1985;29(3):275-82

High cadmium and nickel contents in sunflower kernels. Andersen A, et al. **Z Lebensm Unters Forsch** 1984 Nov; 179(5):399-40

[Determination of poisonous seeds in cereals] Wang SC. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Sep; 18(5):268-70 (Eng. Abstr.) **(Chi)**

[Human neutrophil activating factor from a plant seed] Shichijo S, et al. **Arerugi** 1985 Mar;34(3):190-7 (Eng. Abstr.) **(Jpn)**

ENZYMOLOGY

Location of DNA and nucleotide binding sites on wheat germ RNA polymerase II. Bateman E, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):569-76

Proteinase from germinating bean cotyledons. Evidence for involvement of a thiol group in catalysis. Csoma C, et al. **Biochem J** 1984 Sep 15;222(3):769-76

Evidence for the reversibility of the acyl-CoA:lysophosphatidylcholine acyltransferase in microsomal preparations from developing safflower (Carthamus tinctorius L.) cotyledons and rat liver. Stymne S, et al. **Biochem J** 1984 Oct 15;223(2):305-14

Stereochemistry of lysine formation by meso-diaminopimelate decarboxylase from wheat germ: use of 1H-13C NMR shift correlation to detect stereospecific deuterium labeling. Kelland JG, et al. **Biochemistry** 1985 Jun 18;24(13):3263-7

The effect of sugar mill effluent on enzyme activities of rice seedlings. Behera BK, et al. **Environ Res** 1985 Aug; 37(2):390-8

GROWTH & DEVELOPMENT

Post-pollination callose development in ovules of Rhododendron and Ledum (Ericaceae): zygote special wall. Williams EG, et al. **J Cell Sci** 1984 Jul;69:127-35

Comments on 'Seed germination as a thermobiological problem'. Philipp JE. **Radiat Environ Biophys** 1984; 23(4):295-304

METABOLISM

Synthesis and intracellular transport of lectin and storage protein precursors in endosperm from castor bean. Lord JM. **Eur J Biochem** 1985 Jan 15;146(2):403-9

Morphine levels in urine subsequent to poppy seed consumption. Fritschi G, et al. **Forensic Sci Int** 1985 Feb; 27(2):111-7

[Bioavailability of pyridine compounds in seeds of Ricinus communis L. at various stages of germination] Bovalini L, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1891-5 (Eng. Abstr.) **(Ita)**

MICROBIOLOGY

Chemical seed treatment for Alternaria blight of Brassica juncea. Gaur RB, et al. **Hindustan Antibiot Bull** 1984 Aug-Nov;26(3-4):109-13

Winged bean (Psophocarpus tetragonolobus (L.) DC) as a substrate for growth and aflatoxin production by aflatoxigenic strains of Aspergillus spp. Bean G, et al. **Mycopathologia** 1985 Jun;90(3):141-5

ULTRASTRUCTURE

Effects of cations and cosolvents on eukaryotic ribosomal subunit conformation. Moore MN, et al. **Biochemistry** 1985 Jan 1;24(1):191-6

SEGMENTATION STAGE, OVUM see CLEAVAGE STAGE, OVUM

SEIZURES

Seizure disorders. The Dade County experience from 1978 to 1982. Copeland AR. **Am J Forensic Med Pathol** 1984 Sep;5(3):211-5

Intractable seizure disorders of childhood. Rothner AD. **Cleve Clin Q** 1984 Fall;51(3):505-10

Age related increased threshold for electroshock seizure in BDF1 mice. Kitani K, et al. **Life Sci** 1985 Feb 18; 36(7):657-62

BLOOD

Serum chemistry abnormalities in adult patients with seizures. Powers RD. **Ann Emerg Med** 1985 May;14(5):416-20

Single-dose model for predicting steady-state valproic acid serum concentrations in seizure patients. Pugh CB, et al. **Clin Pharm** 1984 Nov-Dec;3(6):643-9

A comparative study of laboratory parameters in head-injured patients receiving either phenytoin or placebo for 24 months. Bertch KE, et al. **Drug Intell Clin Pharm** 1985 Jul-Aug;19(7-8):561-6

Kinetics of drug action in disease states III: Effect of pregnancy on the relationship between phenytoin concentration and antiseizure activity in rats. Chou RC, et al. **J Pharm Sci** 1984 Oct;73(10):1348-51

CEREBROSPINAL FLUID

Endogenous anticonvulsant substance in rat cerebrospinal fluid after a generalized seizure. Tortella FC, et al. **Science** 1985 May 31;228(4703):1106-8

CHEMICALLY INDUCED

Is theophylline-induced seizures in man caused by inhibition of cerebral 5'-nucleotidase activity? Jensen MH, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Oct;55(4):331-4

Psychosis and seizures following the injection of penicillin G procaine. Hoigne's syndrome. Silber TJ, et al. **Am J Dis Child** 1985 Apr;139(4):335-7

The 'lytic cocktail' induces recurrence of fits in the treatment of eclampsia [letter] El-Kadre D. **Am J Obstet Gynecol** 1985 Jan 1;151(1):143-5

Toxicity and resuscitation in lidocaine- or bupivacaine-infused cats. Chadwick HS. **Anesthesiology** 1985 Oct;63(4):385-90

Are seizures caused by nitrous oxide or isoflurane? [letter] Eger EI 2d. **Anesthesiology** 1985 May;62(5):697-8

Seizure associated with induction of anesthesia with isoflurane. Poulton TJ, et al. **Anesthesiology** 1984 Oct; 61(4):471-6

Seizure-like movements during a fentanyl infusion with absence of seizure activity in a simultaneous EEG recording. Scott JC, et al. **Anesthesiology** 1985 Jun; 62(6):812-4

Predisposing factors to apparent theophylline-induced seizures. Covelli HD, et al. **Ann Allergy** 1985 May; 54(5):411-5

Seizures and trazodone therapy [letter] Lefkowitz D, et al. **Arch Gen Psychiatry** 1985 May;42(5):523

Contrast-induced seizure associated with thrombotic thrombocytopenic purpura. Case report. Benear JB, et al. **Arch Intern Med** 1985 Feb;145(2):363-4

Incidence of seizures with tricyclic and tetracyclic antidepressants. Jabbari B, et al. **Arch Neurol** 1985 May; 42(5):480-1

Dopaminergic supersensitivity follows ferric chloride-induced limbic seizures. Csernansky JG, et al. **Biol Psychiatry** 1985 Jul;20(7):723-33

Prevention of alcohol withdrawal seizures with oral diazepam loading. Devenyi P, et al. **Can Med Assoc J** 1985 Apr 1;132(7):798-800

Prophylactic diazepam in prevention of contrast media-associated seizures in glioma patients undergoing cerebral computed tomography. Pagani JJ, et al. **Cancer** 1984 Nov 15;54(10):2200-4

Neonatal theophylline neurotoxicity. Clancy RR, et al. **Clin Pediatr (Phila)** 1985 Mar;24(3):168-70

Seizure-like activity associated with imipenem. Brotherton TJ, et al. **Clin Pharm** 1984 Sep-Oct;3(5):536-40

Seizures following oral lidocaine for esophageal anesthesia. Parish RC, et al. **Drug Intell Clin Pharm** 1985 Mar; 19(3):199-201

Generalized motor seizure following metrizamide cisternography. Saltiel E, et al. **Drug Intell Clin Pharm** 1984 Nov;18(11):894-6

Proconvulsant effect of morphine on seizures induced by pentylenetetrazol in the rat. Foote F, et al. **Eur J Pharmacol** 1984 Oct 1;105(1-2):179-84

Mechanisms of sensory seizures: brain-stem neuronal response changes and convulsant drugs. Faingold CL, et al. **Fed Proc** 1985 May;44(8):2436-41 (49 ref.)

The effects of neurotoxicants on kindling and kindled seizures. Joy RM. **Fundam Appl Toxicol** 1985 Feb; 5(1):41-65 (137 ref.)

Seizures and cardiac arrest in a farmhand. Grace TW. **Hosp Pract [Off]** 1985 Jun 15;20(6):180-1, 185, 188

In vivo brain dialysis of amino acids and simultaneous EEG measurements following intrahippocampal quinolinic acid injection: evidence for a dissociation between neurochemical changes and seizures. Vezzani A, et al. **J Neurochem** 1985 Aug;45(2):335-44

Encephalopathy in childhood secondary to aluminum toxicity. Sedman AB, et al. **J Pediatr** 1984 Nov; 105(5):836-8

Modification of seizures elicited by the benzodiazepine Ro 5-3663--a comparison with picrotoxin. File SE. **J Pharm Pharmacol** 1984 Dec;36(12):837-40

Classical genetic analysis of nicotine-induced seizures and nicotinic receptors. Miner LL, et al. **J Pharmacol Exp Ther** 1984 Dec;231(3):545-54

Relationship between nicotine-induced seizures and hippocampal nicotinic receptors. Miner LL, et al. **Life Sci** 1985 Jul 8;37(1):75-83

Value of the QRS duration versus the serum drug level in predicting seizures and ventricular arrhythmias after an acute overdose of tricyclic antidepressants. Boehnert MT, et al. **N Engl J Med** 1985 Aug 22;313(8):474-9

Exacerbation of seizures in children by carbamazepine. Snead OC 3d, et al. **N Engl J Med** 1985 Oct 10;313(15):916-21

Nomifensine exacerbates depression and seizures in an epileptic patient [letter] Gillman MA, et al. **Neurology** 1984 Dec;34(12):1620-1

Drug-induced seizures: a 10-year experience. Messing RO, et al. **Neurology** 1984 Dec;34(12):1582-6

Kainic acid seizures and the reversibility of calcium loading in vulnerable neurons in the hippocampus. Evans MC, et al. **Neuropathol Appl Neurobiol** 1984 Jul–Aug;10(4):285–302

Electroencephalographic assessment of the role of delta receptors in opioid peptide – induced seizures. Tortella FC, et al. **Neuropeptides** 1984 Dec;5(1–3):213–6

Adenosine antagonists. Lack of effect on the inhibition of kindled seizures in rats by carbamazepine. Weiss SR, et al. **Neuropharmacology** 1985 Jul;24(7):635–8

Effect of acute acrylonitrile exposure on metrazol induced seizures in the rat. Fanini D, et al. **Neurotoxicology (Little Rock Ar)** 1985 Spring;6(1):29–34

Effects of betaine on seizures in the rat. Ghoz EH, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):635–40

Monoaminergic and local anesthetic components of cocaine's effects on kindled seizure expression. Russell RD, et al. **Pharmacol Biochem Behav** 1985 Mar;22(3):427–34

Ampicillin–associated seizures. Hodgman T, et al. **South Med J** 1984 Oct;77(10):1323–5

Seizures activated by therapeutic levels of lithium carbonate. Massey EW, et al. **South Med J** 1984 Sep;77(9):1173–5

[Generalized seizure following etomidate anesthesia] Madsen JV. **Ugeskr Laeger** 1984 Nov 12;146(46):3548–9 (Eng. Abstr.) **(Dan)**

CLASSIFICATION

Proposal for classification of epilepsies and epileptic syndromes. Commission on Classification and Terminology of the International League Against Epilepsy. **Epilepsia** 1985 May–Jun;26(3):268–78

COMPLICATIONS

Pseudoseizure in a child with epilepsy [letter] Herskowitz J, et al. **Am J Psychiatry** 1985 Mar;142(3):390–1

Long–term follow–up of seizures associated with cerebral arteriovenous malformations. Results of therapy. Murphy MJ. **Arch Neurol** 1985 May;42(5):477–9

Spontaneous second fit after ECT [letter] James A, et al. **Br J Psychiatry** 1984 Sep;145:337–8

Neurologic involvement as first sign of Behcet's syndrome [letter] Salvarani C, et al. **Clin Exp Rheumatol** 1984 Oct–Dec;2(4):353–4

Physiologic and metabolic alterations associated with seizures in normoxic and asphyxiated neonatal dogs. Young RS, et al. **Epilepsia** 1984 Oct;25(5):569–73

Safety assessment for the postictal confusional phase following complex partial seizure. Tucker C. **J Neurosurg Nurs** 1985 Jun;17(3):201–9

Gelastic seizures, precocious puberty, and hypothalamic hamartoma. Breningstall GN. **Neurology** 1985 Aug;35(8):1180–3

Head trauma and seizures as risk factors in tumors of the glioma group [letter] Codd MB, et al. **Neurology** 1985 Oct;35(10):1532–3

Head trauma and seizures as risk factors of glioblastoma. Hochberg F, et al. **Neurology** 1984 Nov;34(11):1511–4

Diagnosis of intracranial hemorrhage in utero after a maternal seizure. Minkoff H, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):22S–24S

DIAGNOSIS

Chronic seizure disorders: contribution of MR imaging when CT is normal. Laster DW, et al. **AJNR** 1985 Mar–Apr;6(2):177–80

Reflex anoxic seizures [letter] **Arch Dis Child** 1985 Mar;60(3):288

Postictal serum creatine kinase in the diagnosis of seizure disorders. Wyllie E, et al. **Arch Neurol** 1985 Feb;42(2):123–6

Too many fits. Scott DF. **Br J Hosp Med** 1984 Dec;32(6):306, 309–11

Classification and recognition of seizures. Dreifuss FE. **Clin Ther** 1985;7(2):240–5

Prognostic value of the electroencephalogram in term and preterm infants following neonatal seizures. Rowe JC, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar;60(3):183–96

Differential diagnosis of epilepsy. Wada JA. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985;37:285–311

Pseudoseizures. Coffman JA. **Hillside J Clin Psychiatry** 1985;7(1):88–103 (53 ref.)

The long QT syndrome. Syncope versus seizure. Mongkolsmai C. **IMJ** 1985 Jun;167(6):451–3

Arrhythmogenic seizures: diagnosis by simultaneous EEG/ECG recording. Gilchrist JM. **Neurology** 1985 Oct;35(10):1503–6

Pseudocataplexy: gelastic–atonic seizures. Jacome DE, et al. **Neurology (NY)** 1984 Oct;34(10):1381–3

Diagnosis of epileptic seizures. Complementary roles of electroencephalography and computed tomography. Grabow JD. **Postgrad Med** 1985 Mar;77(4):207–15, 218–20, 222

DIET THERAPY

Medium–chain triglyceride (MCT) diet in intractable seizure disorders. Trauner DA. **Neurology** 1985 Feb;35(2):237–8

DRUG THERAPY

Emergency phenytoin loading by constant intravenous infusion. Carducci B, et al. **Ann Emerg Med** 1984 Nov;13(11):1027–31

Effect of empiric dosing on blood levels of theophylline and phenytoin. Curtis RA, et al. **Ann Emerg Med** 1985 Mar;14(3):213–7

Pyridoxine dependent seizures [letter] Reynolds RD. **Arch Dis Child** 1984 Sep;59(9):906–7

Mathematical models of patterns of seizures. Their use in the evaluation of drugs. Hopkins A, et al. **Arch Neurol** 1985 May;42(5):463–7

Alternate–day clonazepam treatment of intractable seizures. Sher PK. **Arch Neurol** 1985 Aug;42(8):787–8

Once–daily administration of phenobarbital in adults. Clinical efficacy and benefit. Wroblewski BA, et al. **Arch Neurol** 1985 Jul;42(7):699–700

Valproic acid therapy and neural tube defects. Garden AS, et al. **Can Med Assoc J** 1985 Apr 15;132(8):933, 936

Neonatal seizure recurrence following discontinuation of phenobarbital. Labrecque D, et al. **Clin Pharm** 1984 Nov–Dec;3(6):649–52

Pentobarbital coma for treating intractable seizures in a neonate. Welty TE, et al. **Clin Pharm** 1985 May–Jun;4(3):330–2

Drug therapy for seizures. Wilder BJ. **Clin Ther** 1985;7(2):246–53

Constant diazepam infusion in the treatment of continuous seizure activity. Bell HE, et al. **Drug Intell Clin Pharm** 1984 Dec;18(12):965–70 (25 ref.)

Preliminary Nigerian experience in the use of carbamazepine in children with intractable seizures. Familusi JB. **Epilepsia** 1985 Jan–Feb;26(1):10–4

Selective inhibition of homocysteine–induced seizures by glutamic acid diethyl ester and other glutamate esters. Freed WJ. **Epilepsia** 1985 Jan–Feb;26(1):30–6

Evaluation of different GABA receptor agonists in the kindled amygdala seizure model in rats. Löscher W, et al. **Exp Neurol** 1985 Aug;89(2):454–60

Pharmacologic therapy of seizures in the elderly. Mancall EL, et al. **Hosp Pract [Off]** 1984 Nov;19(11):223, 227, 231 passim

Anticonvulsant activity of some 4–aminobenzanilides. Clark CR, et al. **J Med Chem** 1985 Sep;28(9):1259–62

Treatment of episodic behavioral disorders with rapidly absorbed benzodiazepines. Griffith JL. **J Nerv Ment Dis** 1985 May;173(5):312–5

Primidone therapy in refractory neonatal seizures. Powell C, et al. **J Pediatr** 1984 Oct;105(4):651–4

A timed intravenous pentylenetetrazol infusion seizure model for quantitating the anticonvulsant effect of valproic acid in the rat. Pollack GM, et al. **J Pharmacol Methods** 1985 Apr;13(2):135–46

Pilot study of fluzinamide (N–methyl–3–[3–(trifluoromethyl)phenoxy]–1–azetidinecar in refractory partial seizures. Donofrio PD, et al. **Neurology** 1985 Aug;35(8):1239–41

Efficacy of carbamazepine for febrile seizures [letter] Monaco F. **Neurology** 1985 Apr;35(4):618–9

Effects of carbamazepine and its epoxide metabolite on amygdala–kindled seizures in rats. Albright PS, et al. **Neurology (NY)** 1984 Oct;34(10):1383–6

Impaired phenytoin bioavailability secondary to cisplatinum, vinblastine, and bleomycin. Sylvester RK, et al. **Ther Drug Monit** 1984;6(3):302–5

[Anticonvulsants used for controlling induced seizures during the treatment of schizophrenia with lactoni Coriariae] Hu GC. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov;4(11):675–8, 644 (Eng. Abstr.) **(Chi)**

ENZYMOLOGY

Substrate specificity and distribution of acid beta–galactosidase activities in seizure–susceptible and non–susceptible strains of mice. Wheeler DF, et al. **Neurochem Res** 1984 Jun;9(6):849–62

ETIOLOGY

Seizures in children with meningomyelocele. Bartoshesky LE, et al. **Am J Dis Child** 1985 Apr;139(4):400–2

Focal motor seizures heralding stroke in full–term neonates. Clancy R, et al. **Am J Dis Child** 1985 Jun;139(6):601–6

Seizure activity during isoflurane anesthesia. Hymes JA. **Anesth Analg** 1985 Mar;64(3):367–8

Theophylline–associated seizures in children. Richards W, et al. **Ann Allergy** 1985 Apr;54(4):276–9

Seizures and cerebral infarction in the full–term newborn. Levy SR, et al. **Ann Neurol** 1985 Apr;17(4):366–70

Hyperammonemic encephalopathy due to essential amino acid hyperalimentation. Grazer RE, et al. **Arch Intern Med** 1984 Nov;144(11):2278–9

Computed tomography in chronic seizure disorder caused by glioma. Rich KM, et al. **Arch Neurol** 1985 Jan;42(1):26–7

Noise and the young mouse: genotype modifies the sensitive period for effects on cochlear physiology and audiogenic seizures. Henry KR. **Behav Neurosci** 1984 Dec;98(6):1073–82

Spontaneous seizures after ECT [letter] Daniel WF. **Br J Psychiatry** 1985 Jan;146:100–1

A neurological basis for visual discomfort. Wilkins A, et al. **Brain** 1984 Dec;107 (Pt 4):989–1017

Musicogenic epilepsy. Brien SE, et al. **Can Med Assoc J** 1984 Nov 15;131(10):1255–8

Effects of maturation and priming on audiogenic seizure thresholds in mice. Fuller JL. **Dev Psychobiol** 1985 Mar;18(2):141–9

Hyperthermia–induced seizures in rat pups with preexisting ischemic brain injury. Olson JE, et al. **Epilepsia** 1985 Jul–Aug;26(4):360–4

Electrically elicited seizures from the inferior colliculus: a potential site for the genesis of epilepsy? McCown TJ, et al. **Exp Neurol** 1984 Dec;86(3):527–42

Sounds with harmonic spectra are more effective than pure tones in inducing audiogenic seizure in rats. Björk EA, et al. **Hear Res** 1985 Jan;17(1):95–8

Fever, seizures in a full–term newborn. Yang S, et al. **Hosp Pract [Off]** 1985 Jan 30;20(1A):18, 20, 24

Seizures in adolescence. A review of patients admitted in an adolescent service. Golden NH, et al. **J Adolesc Health Care** 1985 Jan;6(1):25–7

Seizures in the alcohol–dependent patient: a diagnostic and therapeutic dilemma. McMicken D. **J Emerg Med** 1984;1(4):311–6

Incidence and prognosis of seizures in infants after cardiac surgery with profound hypothermia and circulatory arrest. Ehyai A, et al. **JAMA** 1984 Dec 14;252(22):3165–7

Sudden, unexpected nocturnal deaths in Washington [letter] Paulozzi LJ, et al. **JAMA** 1985 May 10;253(18):2645

'Sunbed seizures': a hypoglycaemic hazard for insulin–dependent diabetics [letter] Husband DJ, et al. **Lancet** 1984 Dec 22;2(8417–18):1477

Visual display units and epilepsy [letter] Jeavons PM, et al. **Lancet** 1985 Feb 2;1(8423):287

Pyridoxal–5'–phosphate concentration as marker for vitamin–B6–dependent seizures in the newborn [letter] Shin YS, et al. **Lancet** 1984 Oct 13;2(8407):870–1

Susceptibility to audiogenic seizures in rodents following withdrawal of anticonvulsant drugs. Voiculescu V, et al. **Neurol Psychiatr (Bucur)** 1985 Jan–Mar;23(1):45–8

Pilomotor seizures [letter] Andermann F, et al. **Neurology** 1984 Dec;34(12):1623

Posterior communicating artery giant aneurysm as a cause of seizures [letter] Merva W, et al. **Neurology** 1985 Apr;35(4):620–2

Neonatal seizures: aetiology and outcome. Gunn T, et al. **NZ Med J** 1984 Dec 26;97(770):898–900

Evaluation of the patient with new onset seizures. Pohowalla PJ, et al. **Primary Care** 1984 Dec;11(4):625–42

Mitral–valve prolapse presenting with seizures: case report. Smirniotopoulos TT, et al. **Va Med** 1984 Nov;111(11):699–700

[Profile of convulsions in infants and young children in Brazzaville (Congo)] Senga P, et al. **Ann Pediatr (Paris)** 1985 May;32(5):477–80 (Eng. Abstr.) **(Fre)**

[Differential diagnosis of non–epileptic seizures in childhood] Groh C, et al. **Nervenarzt** 1984 Oct;55(10):537–43 **(Ger)**

[Non–epileptic seizures] Krause KH. **Nervenarzt** 1984 Oct;55(10):507–16 (Eng. Abstr.) **(Ger)**

[Thrombotic aneurysm as the cause of a cerebral seizure—operation and cure (case report)] Kollmann H. **Wien Med Wochenschr** 1984 Nov 15;134(21):459–61 (Eng. Abstr.) **(Ger)**

[Guillain–Barre syndrome associated with a cerebral hemisphere lesion. Clinico–radiologic case] Campistol J, et al. **Med Clin (Barc)** 1985 Mar 16;84(10):408–10 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Dermatoglyphics in Börjeson–Forssman–Lehmann syndrome. Flannery DB, et al. **Am J Med Genet** 1985 Jun;21(2):401–4

A firstborn child with multiple anomalies. Zorn E. **Hosp Pract [Off]** 1984 Oct;19(10):119, 122

High pressure neurologic syndrome type 2 seizure in mice. McCall RD, et al. **J Hered** 1985 Mar–Apr;76(2):89–94

Genetic modifications of voltage–sensitive sodium channels in Drosophila: gene dosage studies of the seizure locus. Jackson FR, et al. **J Neurosci** 1985 May;5(5):1144–51

The risk of seizure disorders among relatives of children with febrile convulsions. Hauser WA, et al. **Neurology** 1985 Sep;35(9):1268–73

METABOLISM

A study on benzodiazepine receptor binding in audiogenic seizure–susceptible rats. Tacke U, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Sep;55(3):252–9

Concepts of brain oxygen sufficiency during seizures. Kreisman NR, et al. **Adv Exp Med Biol** 1984;180:381–92 (36 ref.)

31P NMR study of cerebral metabolism during prolonged seizures in the neonatal dog. Young RS, et al. **Ann Neurol** 1985 Jul;18(1):14–20

Reduced cyclic–AMP responsiveness in the colliculus inferior of audiogenic seizure–prone rats. Ludvig N, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):2042–4

GABA in brain tissue of paroxysmal (px) chick. Firman JD, et al. **Comp Biochem Physiol [C]** 1984;79(1):143–5

Incidence of seizures that follow rehydration of hypernatremic rabbits with intravenous glucose or fructose solutions. Hogan GR, et al. **Exp Neurol** 1985 Feb;87(2):249–59

Influence of reduced oxygen availability on cerebral metabolic changes during bicuculline–induced seizures in rats. Blennow G, et al. **J Cereb Blood Flow Metab** 1985 Sep;5(3):439–45

Extra– and intracellular pH in the brain during seizures and in the recovery period following the arrest of seizure activity. Siesjö BK, et al. **J Cereb Blood Flow Metab** 1985 Mar;5(1):47-57

Cerebral metabolic changes during and following fluorothyl-induced seizures in ventilated rats. Folbergrová J, et al. **J Neurochem** 1985 May;44(5):1419-26

Alteration of amino acid metabolism in epileptogenic mice by elevation of brain pyridoxal phosphate. Norris DK, et al. **J Neurochem** 1985 May;44(5):1403-10

Potassium and calcium concentrations in interstitial fluid of hippocampal formation during paroxysmal responses. Somjen GG, et al. **J Neurophysiol** 1985 Apr;53(4):1098-108

Knife cuts of entorhinal cortex: effects on development of amygdaloid kindling and seizure-induced decrease of muscarinic cholinergic receptors. Savage DD, et al. **J Neurosci** 1985 Feb;5(2):408-13

Effects of pregnancy on seizure threshold and the disposition and efficacy of antiepileptic drugs in the mouse. Nau H, et al. **Life Sci** 1985 Feb 18;36(7):663-9

Amygdala kindled seizure stage is related to altered benzodiazepine binding site density. Tietz EI, et al. **Life Sci** 1985 Jan 14;36(2):183-90

Opiate receptor binding in the brain of the seizure sensitive Mongolian gerbil (Meriones unguiculatus). Lee RJ, et al. **Neuropeptides** 1984 Dec;5(1-3):105-8

Effect of increments in the concentration of dopamine in the central nervous system on audiogenic seizures in DBA/2J mice. Dailey JW, et al. **Neuropharmacology** 1984 Sep;23(9):1019-24

Pharmacokinetic study of valproic acid in a neonate. Irvine-Meek JM, et al. **Pediatr Pharmacol (New York)** 1982; 2(4):317-21

Effects of seizures and antiepileptic drugs on benzodiazepine receptors in rat brain. Mimaki T, et al. **Pediatr Pharmacol (New York)** 1984;4(4):205-11

Mu and delta opioid receptor interactions in a rat model of drug induced seizures. Tortella FC, et al. **Proc West Pharmacol Soc** 1984;27:435-7

MORTALITY

Seizures and death on a white river float trip. Report of water hemlock poisoning. Landers D, et al. **West J Med** 1985 May;142(5):637-40

PATHOLOGY

Neocortical cytopathology in focal aminopyridine seizures as related to the intracortical diffusion of [3H] 4-aminopyridine. Electrophysiologic and light-microscopic studies. Mihály A, et al. **Acta Neuropathol (Berl)** 1985;66(2):145-54

Number of synaptic vesicles in rat cortical synapses one hour after termination of a seizure during kindling. Langmeier M, et al. **Physiol Bohemoslov** 1985;34(1):19-24

PHYSIOPATHOLOGY

Seizures in an atelencephalic infant. Is the cortex essential for neonatal seizures? Danner R, et al. **Arch Neurol** 1985 Oct;42(10):1014-6

Focal cortical seizures prevent HRP and HRP-WGA labeling only in neurons bidirectionally connected to the cortex. Divac I, et al. **Brain Res** 1984 Oct 8;311(1):189-93

Selective focal inhibition of brain protein synthesis during generalized bicuculline seizures in newborn marmoset monkeys. Dwyer BE, et al. **Brain Res** 1984 Aug 6; 308(1):109-21

Anticonvulsant action of amino acid antagonists against kindled hippocampal seizures. Peterson DW, et al. **Brain Res** 1984 Oct 8;311(1):176-80

Acidification of interstitial fluid in hippocampal formation caused by seizures and by spreading depression. Somjen GG. **Brain Res** 1984 Oct 8;311(1):186-8

Regional cerebral blood flow during bicuculline-induced seizures in the newborn piglet: effect of phenobarbital. Clozel M, et al. **Dev Pharmacol Ther** 1985;8(3):189-99

Temporal characteristics of seizures and epileptiform discharges. Binnie CD, et al. **Electroencephalogr Clin Neurophysiol** 1984 Dec; 58(6):498-505

Sleep disruption with basal forebrain lesions decreases latency to amygdala kindling in cats. Shouse MN, et al. **Electroencephalogr Clin Neurophysiol** 1984 Oct; 58(4):369-77

Effect of midbrain and pontine tegmental lesions on audiogenic seizures in genetically epilepsy-prone rats. Browning RA, et al. **Epilepsia** 1985 Mar-Apr;26(2):175-83

Effect of pregnancy on development of seizures. Holmes GL, et al. **Epilepsia** 1985 Jul-Aug;26(4):299-302

Postictal seizure inhibition in amygdaloid-kindled cats. Sato M, et al. **Epilepsia** 1984 Oct;25(5):545-50

The effect of spontaneous seizures on pentylenetetrazole and maximum electroshock induced seizures in the Mongolian gerbil. Lee RJ, et al. **Eur J Pharmacol** 1984 Oct 30; 106(1):91-6

Seizure thresholds and their postictal changes in audiogenic seizure (AGS)-susceptible rats. Tacke U, et al. **Eur J Pharmacol** 1984 Sep 3;104(1-2):85-92

Parathyroidectomy-pinealectomy-induced seizures: effects of intersurgical length. Dickman CA, et al. **Exp Neurol** 1985 Jun;88(3):538-43

Implications of stimulus factors governing kindled seizure threshold. Handforth A. **Exp Neurol** 1984 Oct;86(1):33-9

Electroencephalographic, behavioral, and histopathologic features of seizures induced by intra-amygdala application of folic acid in cats. Kaijima M, et al. **Exp Neurol** 1984 Nov;86(2):313-21

Electrically elicited seizures from the inferior colliculus: a potential site for the genesis of epilepsy? McCown TJ, et al. **Exp Neurol** 1984 Dec;86(3):527-42

Suppression of amygdala-kindled seizure in cats by enhanced GABAergic transmission in the substantia innominata. Morita K, et al. **Exp Neurol** 1985 Jul;89(1):225-36

Long-term effects of febrile convulsion on seizure susceptibility in P77PMC rat--resistant to acoustic stimuli but susceptible to kainate-induced seizures. Zhao DY, et al. **Exp Neurol** 1985 Jun;88(3):688-95

Response of rats to seizure stimulus modified by feeding. Garzón P, et al. **Gen Pharmacol** 1985;16(2):157-60

Sustained potential shifts and paroxysmal discharges in hippocampal formation. Somjen GG, et al. **J Neurophysiol** 1985 Apr;53(4):1079-97

Evidence implicating substantia nigra in regulation of kindled seizure threshold. McNamara JO, et al. **J Neurosci** 1984 Sep;4(9):2410-7

Influence of dopamine, levodopa and apomorphine on maximal electroconvulsive seizure in the domestic fowl (Gallus domesticus). Wambebe C, et al. **Jpn J Pharmacol** 1984 Aug;35(4):339-46

Prenatal chlordiazepoxide effects on metrazol seizures and benzodiazepine receptors density in adult albino rats. Gavish M, et al. **Life Sci** 1985 May 6;36(18):1693-8

Effects of subconvulsive and repeated electroconvulsive shock on thyrotropin-releasing hormone in rat brain. Kubek MJ, et al. **Life Sci** 1985 Jan 28;36(4):315-20

Ictal head-turning: lateralization and localization [letter] Devinsky O. **Neurology** 1985 Apr;35(4):616-7

Other reports of pilomotor seizures [letter] Lesser RP, et al. **Neurology** 1985 Feb;35(2):286-7

Positron emission tomography in the newborn: effect of seizure on regional cerebral blood flow in an asphyxiated infant. Perlman JM, et al. **Neurology** 1985 Feb;35(2):244-7

Kynurenic acid blocks neurotoxicity and seizures induced in rats by the related brain metabolite quinolinic acid. Foster AC, et al. **Neurosci Lett** 1984 Aug 10;48(3):273-8

Specific stimulus-evoked violent action in psychotic trigger reaction: a seizure-like imbalance between frontal lobe and limbic systems? Pontius AA. **Percept Mot Skills** 1984 Aug; 59(1):299-333

A possible role for beta-adrenergic receptors in the expression of audiogenic seizures. Lints CE, et al. **Pharmacol Biochem Behav** 1985 May;22(5):711-6

Involvement of a GABAergic mechanism in the anticonvulsant effect of pentobarbital against maximal electroshock-induced seizures in rats. Rastogi SK, et al. **Pharmacol Biochem Behav** 1985 Jan;22(1):141-6

[Paroxysmal phenomena in multiple sclerosis] Kesselring J. **Schweiz Med Wochenschr** 1985 Jul 27;115(30):1054-9 (Eng. Abstr.) **(Ger)**

[A case of complex partial seizure with water drinking as an ictal behavior] Kataoka S, et al. **Rinsho Shinkeigaku** 1984 Nov;24(11):1121-7 (Eng. Abstr.) **(Jpn)**

PREVENTION & CONTROL

Contingent tolerance to the anticonvulsant effects of alcohol. Pinel JP, et al. **Alcohol** 1985 May-Jun;2(3):495-9

Differential effect of prostaglandin synthetase inhibitor pretreatment on pentylenetetrazol-induced seizures in rat. Wallenstein MC. **Arch Int Pharmacodyn Ther** 1985 May; 275(1):93-104

Evaluation of anticonvulsant drugs in DBA/2 mice with sound-induced seizures. Chapman AG, et al. **Arzneimittelforsch** 1984;34(10):1261-4

gamma-D-Glutamylaminomethylsulphonic acid (GAMS), a kainate and quisqualate antagonist, prevents sound-induced seizures in DBA/2 mice. Croucher MJ, et al. **Brain Res** 1984 Nov 19;322(1):111-4

Convulsive thresholds in mice: action of 6-hydroxydopamine and eboracin. Alexander GJ, et al. **Exp Neurol** 1985 Jul; 89(1):1-8

Forskolin suppresses seizures induced by pentylenetetrazol in mice. Sano M, et al. **Experientia** 1984 Nov 15; 40(11):1270-1

Infusion of opiates into substantia nigra protects against maximal electroshock seizures in rats. Garant DS, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):45-8

Glycine potentiates the action of some anticonvulsant drugs in some seizure models. Toth E, et al. **Neurochem Res** 1984 Dec;9(12):1711-8

Inhibition of seizures induced by picrotoxin and electroshock by cholecystokinin octapeptides and their fragments in rats after intracerebroventricular administration. Kádár T, et al. **Neuropharmacology** 1984 Aug;23(8):955-61

Postoperative prophylactic anticonvulsant therapy in cerebral gliomas. Boarini DJ, et al. **Neurosurgery** 1985 Mar; 16(3):290-2

Prevention of strychnine-induced seizures and death by the N-methylated glycine derivatives betaine, dimethylglycine and sarcosine. Freed WJ. **Pharmacol Biochem Behav** 1985 Apr;22(4):641-3

Phencyclidine-like effect of cyclazocine on pentylentetrazol-induced seizures in laboratory animals. Sagratella S, et al. **Pharmacol Biochem Behav** 1985 Apr; 22(4):515-9

The effect of clonidine and yohimbine on audiogenic seizures (AGS) in rats. Tacke U, et al. **Pharmacol Res Commun** 1984 Oct;16(10):1019-30

Glucose protects DBA/2J mice from audiogenic seizures: correlation with brain glycogen levels. Schreiber RA, et al. **Psychopharmacology (Berlin)** 1984;84(1):128-31

PSYCHOLOGY

Contagious hysteria in a West Bengal village. Nandi DN, et al. **Am J Psychother** 1985 Apr;39(2):247-52

Hysterical seizures as a manifestation of 'depression' in old age. Shulman KI, et al. **Can J Psychiatry** 1985 Jun; 30(4):278-80

Behavioral effects of anticonvulsant prophylaxis: no effect or artifact? Dikmen S, et al. **Epilepsia** 1984 Dec;25(6):741-6

Patients with pseudoseizures: intellectual and cognitive performance. Sackellares JC, et al. **Neurology** 1985 Jan; 35(1):116-9

Munchausen alert [letter] Smith T, et al. **West J Med** 1985 Mar;142(3):400

RADIOGRAPHY

CT evaluation in patients after first seizure [letter] Russo LS Jr, et al. **Ann Neurol** 1985 Jun;17(6):618-9

THERAPY

Seizures and seizure-like states in the child: an approach to emergency management. Oppenheimer EY, et al. **Emerg Med Clin North Am** 1983 Apr;1(1):125-40 (35 ref.)

The reduction of seizure-like behaviors through contingency management. Burgio L, et al. **J Behav Ther Exp Psychiatry** 1985 Mar;16(1):71-5

Management of patients with intractable seizures. Conomy JP. **Postgrad Med** 1985 Feb 15;77(3):138, 140, 142

[Tactics for managing patients who developed epileptic seizures and paroxysmal states for the first time] Skriabin VV, et al. **Zh Nevropatol Psikhiatr** 1985;85(6):881-6 (Eng. Abstr.) **(Rus)**

VETERINARY

Salicylate-induced seizures in a dog. Schubert TA. **J Am Vet Med Assoc** 1984 Nov 1;185(9):1000-1

Energy metabolism in audiogenically seizure-prone chicks. Firman JD, et al. **Poult Sci** 1985 Apr;64(4):732-6

Experimental 3-nitro-4-hydroxyphenylarsonic acid toxicosis in pigs. Rice DA, et al. **Res Vet Sci** 1985 Jul;39(1):47-51

SELECTION (GENETICS)

Kin groups and trait groups: population structure and epidemic disease selection. Fix AG. **Am J Phys Anthropol** 1984 Oct;65(2):201-12

Selection bias of PiMZ subjects [letter] Kauffmann F. **Am Rev Respir Dis** 1985 May;131(5):800-1

Mutation and selection in the marker (X) syndrome. A hypothesis. Vogel F. **Ann Hum Genet** 1984 Oct;48 (Pt 4):327-32

Selective survival, aging and society. Markides KS, et al. **Arch Gerontol Geriatr** 1984 Oct;3(3):207-22 (62 ref.)

Genotypic differentiation of Roman selection lines did not 'disappear' with inbreeding. Hewitt JK, et al. **Behav Genet** 1984 Nov;14(6):571-7

Female discrimination of male odors correlated with male genotype at the T locus: a response to T-locus or H-2-locus variability? Lenington S, et al. **Behav Genet** 1985 Jan;15(1):53-67

Correlated response to phototactic selection. Markow TA, et al. **Behav Genet** 1984 May;14(3):279-93

Genetic similarity theory: beyond kin selection. Rushton JP, et al. **Behav Genet** 1984 May;14(3):179-93

The prospects for chemical Darwinism. Ayres SM. **Bull Environ Contam Toxicol** 1984 Dec;33(6):631-5

A simple method for increasing the response to artificial selection. Toro MA, et al. **Genet Res** 1984 Dec;44(3):347-9

Natural selection with nuclear and cytoplasmic transmission. II. Tests with Drosophila from diverse populations. Clark AG. **Genetics** 1985 Sep;111(1):97-112

The selective value of alleles underlying polygenic traits. Lynch M. **Genetics** 1984 Dec;108(4):1021-33

Effects of pleiotropy on predictions concerning mutation-selection balance for polygenic traits. Turelli M. **Genetics** 1985 Sep;111(1):165-95

Selection with partial selfing. I. Mass selection. Wright AJ, et al. **Genetics** 1985 Mar;109(3):585-97

The effects of linked loci on estimates of relative viability derived from pedigree analysis. Colgan DJ. **Heredity (Edinburgh)** 1984 Aug;53 (Pt 1):69-77

Selective effects of the genetic background and ethanol on the alcohol dehydrogenase polymorphism in Drosophila melanogaster. Oakeshott JG, et al. **Heredity (Edinburgh)** 1984 Aug;53 (Pt 1):51-67

The Duffy blood groups, vivax malaria, and malaria selection in human populations: a review. Livingstone FB. **Hum Biol** 1984 Sep;56(3):413-25 (52 ref.)

Opportunity for selection during the 17th-19th centuries in the diocese of Linköping as estimated with Crow's index in a population of clergymen's wives. Hed H. **Hum Hered** 1984;34(6):378-87

Variability of selection opportunities with changing socio-cultural environments. Rajanikumari J, et al. **Hum Hered** 1985;35(4):218-22

Selection for weaning weight and postweaning gain in Hereford cattle. III. Correlated responses to selection in milk yield, preweaning and postweaning traits. Irgang R, et al. **J Anim Sci** 1985 May;60(5):1156-64

Selection for weaning weight and postweaning gain in Hereford cattle. I. Population structure and selection applied. Irgang R, et al. **J Anim Sci** 1985 May;60(5):1133-41

Selection for weaning weight and postweaning gain in Hereford cattle. II. Response to selection. Irgang R, et al. **J Anim Sci** 1985 May;60(5):1142-55

Selection among males for the genetic improvement of female fertility. Land RB. **J Anim Sci** 1978;47 Suppl 2:48-55 (20 ref.)

prlA-mediated suppression of signal sequence mutations is modulated by the secA gene product of Escherichia coli K-12. Oliver DB, et al. **J Bacteriol** 1985 Feb;161(2):817-9

Transmissible gastroenteritis (TGE) of swine: survivor selection of TGE virus mutants in stomach juice of adult pigs. Aynaud JM, et al. **J Gen Virol** 1985 Sep;66 (Pt 9):1911-7

An estimate on the effect of point mutation and natural selection on the rate of amino acid replacement in proteins. Frömmel C, et al. **J Mol Evol** 1984-85;21(3):233-57

Pattern of nucleotide substitution and the extent of purifying selection in retroviruses. Graur D. **J Mol Evol** 1984-85; 21(3):221-31

Evolution of the human sarcomeric-actin genes: evidence for units of selection within the 3' untranslated regions of the mRNAs. Gunning P, et al. **J Mol Evol** 1984; 20(3-4):202-14

Interaction of silent and replacement changes in eukaryotic coding sequences. Lipman DJ, et al. **J Mol Evol** 1984-85; 21(2):161-7

Selection pressures on codon usage in the complete genome of bacteriophage T7. Sharp PM, et al. **J Mol Evol** 1984-85; 21(2):150-60

Evidence for host-induced selection in Schistosoma mansoni. LoVerde PT, et al. **J Parasitol** 1985 Jun;71(3):297-301

Genetics of Darwinian fitness. II. Pleiotropic selection on fertility and survival. Abugov R. **J Theor Biol** 1985 May 7;114(1):109-25

Quantitative genetics and developmental constraints on evolution by selection. Cheverud JM. **J Theor Biol** 1984 Sep 21;110(2):155-71

Sexual selection, handicaps and true fitness. Smith JM. **J Theor Biol** 1985 Jul 7;115(1):1-8

Social selection in human populations: sufficient conditions for protection of deleterious alleles in a subdivided population. Yokoyama S. **J Theor Biol** 1985 Aug 7; 115(3):455-65

Food restriction, ionizing radiation, and natural selection. Totter JR. **Mech Ageing Dev** 1985 May 31;30(3):261-71

Transferrin and HLA: spontaneous abortion, neural tube defects, and natural selection. Weitkamp LR, et al. **N Engl J Med** 1985 Oct 10;313(15):925-32

Effects of chronically elevated intake of different concentrations of saccharin on morphine tolerance in genetically selected rats. Cohen E, et al. **Physiol Behav** 1984 Jun;32(6):1041-3

Group selection for a polygenic behavioral trait: estimating the degree of population subdivision. Crow JF, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6073-7

Interaction of selection and biased gene conversion in a multigene family. Walsh JB. **Proc Natl Acad Sci USA** 1985 Jan;82(1):153-7

Human alkaline phosphatase isozymes. Genetic variations and their relationship to natural selection. Beckman G, et al. **Prog Clin Biol Res** 1984;166:15-23

Physiognomic homogamy: a test of physical similarity as a factor in the mate selection process. Chambers VJ, et al. **Soc Biol** 1983 Summer;30(2):151-7

Opportunity for natural selection among three migrant groups of fishermen of Puri, India. Reddy BM. **Soc Biol** 1983 Fall;30(3):335-8

Minority type human mate preference. Thelen TH. **Soc Biol** 1983 Summer;30(2):162-80

Social selection in human populations: deterministic analyses on the modification of the fitness of offspring by affected parents. Yokoyama S, et al. **Soc Biol** 1983 Summer; 30(2):181-8

The interaction of genetic drift and mutation with selection in a fluctuating environment. Gillespie JH. **Theor Popul Biol** 1985 Apr;27(2):222-37

[Natural selection] Mayr E. **Naturwissenschaften** 1985 May; 72(5):231-6 (Eng. Abstr.) **(Ger)**

[From racial myth to racial delusion and selection] Schmidt G. **Nervenarzt** 1985 Jul;56(7):337-47 **(Ger)**

[The effects of rat selection and reproduction on learning ability in the offspring] Yamada T, et al. **Jikken Dobutsu** 1984 Oct;33(4):471-9 (Eng. Abstr.) **(Jpn)**

[Various debatable positions in the doctrine of anthropogenesis in light of concepts concerning destabilizing selection and findings of modern paleoendocrinology (on the 100th anniversary of the birth of I. I. Shmal'gauzen)] Nikitiuk BA, et al. **Arkh Anat Gistol Embriol** 1984 Aug;87(8):5-14 **(Rus)**

[Relative hypertrophy of the right ventricle in silver foxes selected for domestication behavior] Eriskovskaia NK, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):120-4 (Eng. Abstr.) **(Rus)**

[Direct method of selecting LycA mutants of Escherichia coli K-12] Gol'denberg DS, et al. **Genetika (Moskva)** 1985 Feb;21(2):338-40 (Eng. Abstr.) **(Rus)**

[Selection, analysis and mapping of mutations in the gene for resistance to kanamycin in plasmid RP4] Mironov VN, et al. **Genetika (Moskva)** 1984 Sep;20(9):1457-62 (Eng. Abstr.) **(Rus)**

[Biochemical polymorphic systems in the population of immigrant inhabitants of the northeastern USSR. III. Selectivity of migration behavior with respect to the genotypes of polymorphic loci] Solovenchuk LL. **Genetika (Moskva)** 1984 Oct;20(10):1719-25 (Eng. Abstr.) **(Rus)**

[Action potential conduction velocity along the caudal and tibial nerves in rat strains selected for excitability of the neuromuscular system] Valdo AI, et al. **Genetika (Moskva)** 1985 Feb;21(2):262-4 (Eng. Abstr.) **(Rus)**

[Effect of thermal selection of the male gametes on the resistance to temperature and chlorophos of the body and muscles in tadpoles of the common frog] Chernokozheva IS, et al. **Tsitologiia** 1985 May;27(5):548-53 (Eng. Abstr.) **(Rus)**

[Immunological and morphological properties of fibroblasts transformed in vitro. II. The change in the susceptibility of FC3H3 cells to lymphocytes--natural killers and macrophages during their selection for malignancy] Lavrovskii VA, et al. **Tsitologiia** 1984 Oct;26(10):1181-5 (Eng. Abstr.) **(Rus)**

[Changes in the genetic properties of a viral population and the selection of ts-mutants in persistent influenza virus infection] Medvedeva MN, et al. **Vopr Virusol** 1984 Nov-Dec;29(6):675-9 (Eng. Abstr.) **(Rus)**

[Persistent influenza virus infection. Molecular genetic characteristics of ts mutants selected during persistence] Medvedeva MN, et al. **Vopr Virusol** 1985 Jan-Feb; 30(1):46-50 (Eng. Abstr.) **(Rus)**

SELEGILINE see under **PHENETHYLAMINES**

SELENIUM

The racemization rate of selenomethionine and methionine in yeast at 100 degrees C and neutral pH. Boehm MF, et al. **Anal Biochem** 1985 Mar;145(2):273-6

A novel biologically active seleno-organic compound--I. Glutathione peroxidase-like activity in vitro and antioxidant capacity of PZ 51 (Ebselen). Müller A, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3235-9

A novel biologically active seleno-organic compound--III. Effects of PZ 51 (Ebselen) on glutathione peroxidase and secretory activities of mouse macrophages. Parnham MJ, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3247-50

A novel biologically active seleno-organic compound--II. Activity of PZ 51 in relation to glutathione peroxidase. Wendel A, et al. **Biochem Pharmacol** 1984 Oct 15; 33(20):3241-5

Selenium intake of infants and young children, healthy children and dietetically treated patients with phenylketonuria. Lombeck I, et al. **Eur J Pediatr** 1984 Dec; 143(2):99-102

Reactions of selenium dioxide free radicals with amino acids and enzymes. Tamba M, et al. **Int J Radiat Biol** 1985 Aug; 48(2):259-70

Determination of nutritional efficiency of selenium contained in processed skipjack meat by comparison with selenite. Yoshida M, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Aug; 30(4):395-400

Elemental selenium and glutathione reductase. Nuttall KL. **Med Hypotheses** 1985 Feb;16(2):155-8

Selenium and man. Robinson MF. **NZ Med J** 1985 Apr 24; 98(777):278-80

Nutritional dependence of the incidence of selenite-induced cataracts in rats. Oštádalová I, et al. **Physiol Bohemoslov** 1984;33(6):507-10

ADMINISTRATION & DOSAGE

Effects of supplementation with high-selenium wheat bread on selenium, glutathione peroxidase and related enzymes in blood components of New Zealand residents. Thomson CD, et al. **Am J Clin Nutr** 1985 May;41(5):1015-22

Considerations on the assessment of selenium status. Levander OA. **Fed Proc** 1985 Jun;44(9):2579-83

Dietary intake and sources of selenium in young Finnish women. Mutanen M. **Hum Nutr Appl Nutr** 1984 Aug; 38(4):265-9

Effect of time intervals of selenium administration after injection of mercuric chloride on toxicity and renal concentration of mercury in mice. Naganuma A, et al. **Ind Health** 1984;22(2):91-6

Variation of Se, Zn, Co, Fe and Rb distribution in rats upon sequence of injection with SeO2 and glutathione. Czauderna M, et al. **Int J Appl Radiat Isot** 1984 Dec; 35(12):1117-9

Variation of Se, Zn, Co, Fe and Rb distribution in rats after injection with selenium or sulfur compounds. Czauderna M, et al. **Int J Appl Radiat Isot** 1984 Dec;35(12):1121-4

Effect of maternal dietary selenium intake on selenium levels in breast milk. Kumpulainen J, et al. **Int J Vitam Nutr Res** 1984;54(2-3):251-5

Effect of inorganic selenium supplementation on selenium retention in postweaning swine. Mahan DC. **J Anim Sci** 1985 Jul;61(1):173-8

Selenium content and glutathione peroxidase activity in tissues of the dairy cow after short-term feeding. Harrison JH, et al. **J Dairy Sci** 1984 Oct;67(10):2464-70

Methods of selenium supplementation of ruminants. MacPherson A, et al. **Vet Rec** 1984 Nov 24;115(21):544-6

Selenium copper interaction in goats. Hussein KS, et al. **Zentralbl Veterinarmed [A]** 1985 May;32(5):321-30

The effect of single, peroral doses of selenium in beef cows and suckling calves. Pehrson B, et al. **Zentralbl Veterinarmed [A]** 1985 Jun;32(6):433-6

Addition of selenium to beef cattle given a selenium-deficient diet. Pehrson B, et al. **Zentralbl Veterinarmed [A]** 1985 Jun; 32(6):428-32

[Studies on the behavior of mercury and selenium in blood of mice injected with those elements] Yamamoto I. **Hokkaido Igaku Zasshi** 1985 Mar;60(2):227-40 (Eng. Abstr.) **(Jpn)**

[Effect of low doses of internal irradiation resulting from the administration of 75Se- and 35S-labeled compounds on the cellular immune response] Goncharova AIa. **Radiobiologiia** 1985 Jan-Feb;25(1):131-4 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

[Effect of selenium on the microhardness of incisors in rats kept on normal and protein-deficient diets] Tóth P, et al. **Fogorv Sz** 1985 Jun;78(6):184-7 (Eng. Abstr.) **(Hun)**

ANALYSIS

Longitudinal study of the selenium content in human breast milk in Belgium. Robberecht H, et al. **Acta Paediatr Scand** 1985 Mar;74(2):254-8

PH Control in the fluorometric assay for selenium with 2,3-diaminonaphthalene. Bayfield RF, et al. **Anal Biochem** 1985 Feb 1;144(2):569-76

Critical evaluation of some wet digestion methods for the stripping voltammetric determination of selenium in biological materials. Adeloju SB, et al. **Anal Chem** 1984 Nov;56(13):2397-401

Decomposition of marine biological tissues for determination of arsenic, selenium, and mercury using hydride-generation and cold-vapor atomic absorption spectrometries. Welz B, et al. **Anal Chem** 1985 Feb;57(2):427-31

Increasing selenium in cigarettes and smoke: transfer to smoke. Chortyk OT, et al. **Arch Environ Health** 1984 Nov-Dec;39(6):419-24

Identification and synthesis of a naturally occurring selenonucleoside in bacterial tRNAs: 5-[(methylamino)methyl]-2-selenouridine. Wittwer AJ, et al. **Biochemistry** 1984 Sep 25;23(20):4650-5

Levels of selenium in relation to levels of mercury in fish from Mjøsa, a freshwater lake in southeastern Norway. Frøslie A, et al. **Bull Environ Contam Toxicol** 1985 Apr; 34(4):572-7

Can externally deposited Se be removed from hair? [letter] Alfthan G. **Clin Chem** 1985 Mar;31(3):500

Daily intake of selenium by bottle-fed infants in Belgium. Roekens E, et al. **Eur J Pediatr** 1985 May;144(1):45-8

Semen selenium and human fertility. Bleau G, et al. **Fertil Steril** 1984 Dec;42(6):890-4

Study of selenium in Indian childhood cirrhosis (ICC). Sharda B, et al. **Indian Pediatr** 1984 May;21(5):377-80

A selenomethionine-containing azurin from an auxotroph of Pseudomonas aeruginosa. Frank P, et al. **J Biol Chem** 1985 May 10;260(9):5518-25

Investigation of two fluorinated reagents for the analysis of selenium by gas chromatography. Dilli S, et al. **J Chromatogr** 1984 Aug 17;298(1):21-40

The zinc, copper, and selenium status of a selected sample of Canadian elderly women. Gibson RS, et al. **J Gerontol** 1985 May;40(3):296-302

Silver amplification of mercury sulfide and selenide: a histochemical method for light and electron microscopic localization of mercury in tissue. Danscher G, et al. **J Histochem Cytochem** 1985 Mar;33(3):219-28

Identification of selenocysteine by high-performance liquid chromatography and mass spectrometry. Ganther HE, et al. **Methods Enzymol** 1984;107:582-92

Characterization of selenomethionine in proteins. Sliwkowski MX. **Methods Enzymol** 1984;107:620-3

Occurrence and characterization of selenocysteine in proteins. Stadtman TC. **Methods Enzymol** 1984;107:576-81

Selenocysteine-containing proteins and glutathione peroxidase. Tappel AL, et al. **Methods Enzymol** 1984; 107:602-19

A selenium-containing nucleoside at the first position of the anticodon in seleno-tRNAGlu from Clostridium sticklandii. Ching WM, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):347-50

Selenium in the Paneth cells. Danscher G, et al. **Sci Total Environ** 1985 Mar 15;42(1-2):189-92

Selenium and its interrelation with mercury in wholeblood and hair in an East Greenlandic population. Hansen JC, et al. **Sci Total Environ** 1984 Sep;38:33-40

Trace elements in human milk, selenium a case study. Roekens E, et al. **Sci Total Environ** 1985 Mar 15; 42(1-2):91-108 (103 ref.)

Pollutants in harp seals (Phoca groenlandica). II. Heavy metals and selenium. Ronald K, et al. **Sci Total Environ** 1984 Sep;38:153-66

Selenium availability in Texas: possible clinical significance. Cech I, et al. **South Med J** 1984 Nov;77(11):1415-20

The selenium content of infant food. Ebert KH, et al.

Z Ernahrungswiss 1984 Sep;23(3):230-6

Chromium and selenium levels in commercially available enteral nutrition. Van Schoor OE, et al. **Z Lebensm Unters Forsch** 1985 Jan;180(1):26-9

[Method for the determination of selenium in biological samples by hydrogen selenide evolution electrothermal atomic absorption] Sekine K, et al. **Nippon Eiseigaku Zasshi** 1984 Dec;39(5):807-11 (Eng. Abstr.) **(Jpn)**

[Hygienic regulation of selenium in drinking water with different degrees of hardness] Novikov IuV, et al. **Gig Sanit** 1985 Mar;(3):12-5 (Eng. Abstr.) **(Rus)**

[Selenium in water and its effect on the body] Novikov IuV, et al. **Gig Sanit** 1984 Sep;(9):66-8 (20 ref.) **(Rus)**

[Selenium content and glutathione peroxidase activity in human eye tissues in diabetes] Alieva ZA, et al. **Vestn Oftalmol** 1985 May-Jun;101(3):35-8 (Eng. Abstr.) **(Rus)**

[The selenium content of milk] Norrman E. **Nord Vet Med** 1984 Sep-Oct;36(9-10):296-304 (Eng. Abstr.) **(Swe)**

BLOOD

Selenium in plasma and erythrocytes in patients with Down's syndrome and healthy controls. Variation in relation to age, sex and glutathione peroxidase activity in erythrocytes. Annerén G, et al. **Acta Paediatr Scand** 1985 Jul; 74(4):508-14

Selenium status of infants on nutritional support. Van Caillie-Bertrand M, et al. **Acta Paediatr Scand** 1984 Nov; 73(6):816-9

Diminished blood selenium levels in alcoholics. Dworkin BM, et al. **Alcoholism (NY)** 1984 Nov-Dec;8(6):535-8

Serum fatty acids, apolipoproteins, selenium and vitamin antioxidants and the risk of death from coronary artery disease. Salonen JT, et al. **Am J Cardiol** 1985 Aug 1; 56(4):226-31

Decreased serum selenium in alcoholics as related to liver structure and function. Korpela H, et al. **Am J Clin Nutr** 1985 Jul;42(1):147-51

Vitamin E and selenium status of patients receiving short-term total parenteral nutrition. McGee CD, et al. **Am J Clin Nutr** 1985 Sep;42(3):432-8

Serum selenium and the risk of coronary heart disease and stroke. Virtamo J, et al. **Am J Epidemiol** 1985 Aug; 122(2):276-82

Serum selenium concentrations and glutathione peroxidase activities in cattle grazing forages of various selenium concentrations. Stevens JB, et al. **Am J Vet Res** 1985 Jul; 46(7):1556-60

Selenium status of cattle given ruminal selenium bullets. Judson GJ, et al. **Aust Vet J** 1984 Oct;61(10):333

Risk of cancer in relation to serum concentrations of selenium and vitamins A and E: matched case-control analysis of prospective data. Salonen JT, et al. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):417-20

Comparison of selenium levels and glutathione peroxidase activity in bovine whole blood. Koller LD, et al. **Can J Comp Med** 1984 Oct;48(4):431-3

Serum selenium and glutathione peroxidase, and plasma lipid peroxides in uterine, ovarian or vulvar cancer, and their responses to antioxidants in patients with ovarian cancer. Sundström H, et al. **Cancer Lett** 1984 Aug;24(1):1-10

Low blood selenium levels in alcoholics with and without advanced liver disease. Correlations with clinical and nutritional status. Dworkin B, et al. **Dig Dis Sci** 1985 Sep; 30(9):838-44

Selenium in the blood of Japanese and American women with and without breast cancer and fibrocystic disease. Schrauzer GN, et al. **Gann** 1985 May;76(5):374-7

Concentration of selenium in plasma and erythrocytes during total parenteral nutrition in Crohn's disease. Jacobson S, et al. **Gut** 1985 Jan;26(1):50-4

Selenium sulfide in tinea versicolor: blood and urine levels. Sánchez JL, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):238-41

Genetic predisposition of pigs to hypo- and hyperselenemia. Stowe HD, et al. **J Anim Sci** 1985 Jan;60(1):200-11

Selenium and glutathione peroxidase in plasma and erythrocytes of Down's syndrome (trisomy 21) patients. Nève J, et al. **J Ment Defic Res** 1984 Dec;28 (Pt 4):261-8

Blood selenium levels of sheep in some districts of the Northern Orange Free State: the Bultfontein area. Erasmus JA. **J S Afr Vet Assoc** 1984 Sep;55(3):115-6

Selenium, zinc, and copper changes with valproic acid: possible relation to drug side effects. Hurd RW, et al. **Neurology (NY)** 1984 Oct;34(10):1393-5

Relationships between blood selenium concentrations and grasping power, blood pressure, hematcrit, and hemoglobin concentrations in Japanese rural residents. Deguchi Y. **Nippon Eiseigaku Zasshi** 1985 Feb;39(6):924-9

Serum selenium, glutathione peroxidase activity and high-density lipoprotein cholesterol--effect of selenium supplementation. Luoma PV, et al. **Res Commun Chem Pathol Pharmacol** 1984 Dec; 46(3):469-72

Low selenium level in severe rheumatoid arthritis. Tarp U, et al. **Scand J Rheumatol** 1985;14(2):97-101

[Lipid peroxides and antioxidants in the blood of patients with arteriosclerotic circulatory disorders] Peters HJ, et al. **Z Gesamte Inn Med** 1985 May 1;40(9):276-8 (Eng. Abstr.) **(Ger)**

[Studies on the behavior of mercury and selenium in blood of mice injected with those elements] Yamamoto I. **Hokkaido Igaku Zasshi** 1985 Mar;60(2):227-40 (Eng. Abstr.) **(Jpn)**

CHEMICAL SYNTHESIS

Ribavirin, tiazofurin, and selenazofurin: mononucleotides and nicotinamide adenine dinucleotide analogues. Synthesis, structure, and interactions with IMP dehydrogenase. Gebeyehu G, et al. **J Med Chem** 1985 Jan;28(1):99-105

DEFICIENCY

Selenium repletion and glutathione peroxidase--differential effects on plasma and red blood cell enzyme activity. Cohen HJ, et al. **Am J Clin Nutr** 1985 Apr;41(4):735-47

Effects of selenium on polymorphonuclear leukocyte function in goats. Aziz ES, et al. **Am J Vet Res** 1984 Sep; 45(9):1715-8

Studies of serum-transferrin and some hematologic parameters in vitamin E and selenium deficient pigs. Thorén-Tolling K. **Ann Rech Vet** 1984;15(3):387-94

Effect of selenium deficiency on the disposition of plasma glutathione. Hill KE, et al. **Arch Biochem Biophys** 1985 Jul;240(1):166-71

The glutathione S-transferases in selenium and vitamin E deficiency. Mehlert A, et al. **Biochem J** 1985 May 1; 227(3):823-31

Short-term dietary selenium restriction in young adults: quantitative studies with the stable isotope 74SeO3(2-). Kasper LJ, et al. **Br J Nutr** 1984 Nov;52(3):443-55

Selenium deficiency and fatal cardiomyopathy in a patient receiving long-term home parenteral nutrition. Quercia RA, et al. **Clin Pharm** 1984 Sep-Oct;3(5):531-5

Selenium deficiency and detoxication functions in the rat: effect of chronic dietary cadmium. Olsson U. **Drug Nutr Interact** 1985;3(3):129-40

Effects of vitamin E and selenium deficiencies on rat immune function. Eskew ML, et al. **Immunology** 1985 Jan; 54(1):173-80

Selenium deficiency potentiates paraquat-induced lipid peroxidation in isolated perfused rat lung. Glass M, et al. **J Appl Physiol** 1985 Aug;59(2):619-22

Variation of glutathione level and synthesis activity in chick liver due to selenium and vitamin E deficiencies. Yoshida M, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1391-7

Hematologic data of selenium-deficient and selenium-supplemented rats. Hu ML, et al. **J Inorg Biochem** 1984 Nov;22(3):165-73

Antioxidant effects on cell-mediated immunity. Meeker HC et al. **J Leukocyte Biol** 1985 Oct;38(4):451-8

Effect of dietary selenium deficiency on incidence and size of 1,2-dimethylhydrazine-induced colon tumors in rats. Pence BC, et al. **J Nutr** 1985 Sep;115(9):1196-202

Effect of selenium deficiency on hydroperoxide-induced glutathione release from the isolated perfused rat heart. Xia YM, et al. **J Nutr** 1985 Jun;115(6):733-42

Suboptimal selenium status in home parenteral nutrition patients with small bowel resections. Baptista RJ, et al. **JPEN** 1984 Sep-Oct;8(5):542-5

Selenium depletion in burn patients. Hunt DR, et al. **JPEN** 1984 Nov-Dec;8(6):695-9

Selenium responsive myositis during prolonged home total parenteral nutrition in cystic fibrosis. Watson RD, et al. **JPEN** 1985 Jan-Feb;9(1):58-60

Superoxide dismutase and glutathione peroxidase activities in neutrophils from selenium deficient and copper deficient cattle. Arthur JR, et al. **Life Sci** 1985 Apr 22;36(16):1569-75

Suspected Se-vitamin E deficiency in heifers. Jones G. **Mod Vet Pract** 1984 Oct;65(10):783

Selenium in New Zealand [letter] Snow P. **NZ Med J** 1985 Jun 12;98(780):450

The effect of selenium and vitamin E deficiencies on the fate of arachidonic acid in rat isolated lungs. Uotila P, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jun; 48(3):471-3

Addition of selenium to beef cattle given a selenium-deficient diet. Pehrson B, et al. **Zentralbl Veterinarmed** [A] 1985 Jun; 32(6):428-32

The effect of single, peroral doses of selenium in beef cows and suckling calves. Pehrson B, et al. **Zentralbl Veterinarmed** [A] 1985 Jun;32(6):433-6

[Keshan disease--endemic myocardial disease] Yang DY. **Chung Hua Nei Ko Tsa Chih** 1984 Jul;23(7):445-7 **(Chi)**

[Metabolic changes of phospholipids in animals fed with low selenium] Li FS, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):269-73 (Eng. Abstr.) **(Chi)**

[Metabolic changes in phospholipids in animals fed with low selenium] Li FS, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):269-73 (Eng. Abstr.) **(Chi)**

[Field studies of selenium status and placental retention in cattle] Dotta U, et al. **Schweiz Arch Tierheilkd** 1985 Jul; 127(7):443-7 (Eng. Abstr.) **(Ita)**

DIAGNOSTIC USE

Use of 75Se-labeled methionine to study the sequestration of senescent red blood cells. Smedsrød B, et al. **Am J Hematol** 1985 Jan;18(1):31-40

Radiolabeling of Brugia malayi infective larvae in mosquitoes with 75Se-methionine and detection of these larvae in tissues of the Mongolian jird by autoradiography. Frongillo MK, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):924-9

Platelet and fibrinogen kinetics in healthy and African swine fever-affected swine: [75Se]selenomethionine-labeling study. Edwards JF, et al. **Am J Vet Res** 1985 Jan; 46(1):181-4

Application of different counting systems in measuring localised retention the entero-hepatic circulation. Hinton PJ, et al. **Br J Radiol** 1984 Sep;57(682):799-801

Is bile acid malabsorption underdiagnosed? An evaluation of accuracy of diagnosis by measurement of SeHCAT retention. Merrick MV, et al. **Br Med J [Clin Res]** 1985 Mar 2;290(6469):665-8

Potential of SeHCAT retention as an indicator of terminal ileal involvement in inflammatory bowel disease. Holdstock G, et al. **Eur J Nucl Med** 1985;10(11-12):528-30

Clinical application of a selenium (75Se)-labelled bile acid for the investigation of terminal ileal function. Nyhlin H, et al. **Hepatogastroenterology** 1984 Aug;31(4):187-91

Uptake of 75Se-selenomethylcholesterol by a nonfunctioning adrenocortical adenoma. Reschini E, et al. **J Nucl Med Allied Sci** 1984 Jul-Sep;28(3):221-4

[Function tests of the lower small intestine with 75selenium-labeled homotaurocholic acid in Crohn disease and resections of the small intestine] Balzer K, et al. **Dtsch Med Wochenschr** 1985 Sep 20;110(38):1452-7 (Eng. Abstr.) **(Ger)**

[Studies of the properties of experimental melanoma using 75Se-methionine] Savel'eva OP. **Eksp Onkol** 1984; 6(5):73-4 (Eng. Abstr.) **(Rus)**

[Double-indicator radionuclide study of liver metastases] Dzhalmukhashev UK, et al. **Med Radiol (Mosk)** 1985 Jan; 30(1):13-5 (Eng. Abstr.) **(Rus)**

[Pancreatoscanography with 75Se-methionine following glucose loading] Vlakhov N, et al. **Med Radiol (Mosk)** 1985 Feb;30(2):71-6 (Eng. Abstr.) **(Rus)**

METABOLISM

Selenium intake and metabolic balance of 10 men from a low selenium area of China. Luo XM, et al. **Am J Clin Nutr** 1985 Jul;42(1):31-7

Bioavailability of selenium to residents in a low-selenium area of China. Luo XM, et al. **Am J Clin Nutr** 1985 Sep; 42(3):439-48

Absorption and retention of selenium from intrinsically labeled egg and selenite as determined by stable isotope studies in humans. Sirichakwal PP, et al. **Am J Clin Nutr** 1985 Feb;41(2):264-9

Transplacental transfer and colostral concentrations of selenium in beef cattle. Koller LD, et al. **Am J Vet Res** 1984 Dec;45(12):2507-10

Selenite uptake and incorporation by Selenomonas ruminantium. Hudman JF, et al. **Arch Microbiol** 1984 Dec; 140(2-3):252-6

Selenium-dependent and non-selenium-dependent glutathione peroxidase in human tissues of New Zealand residents. Thomson CD. **Biochem Int** 1985 Apr;10(4):673-9

The mechanism of diarrhoea resulting from pelvic and abdominal radiotherapy; a prospective study using selenium-75 labelled conjugated bile acid and cobalt-58 labelled cyanocobalamin. Yeoh EK, et al. **Br J Radiol** 1984 Dec;57(684):1131-6

Selective distribution of selenium in colon parallels its antitumor activity. Banner WP, et al. **Carcinogenesis** 1984 Dec;5(12):1543-6

The effects of dietary L-ascorbic acid on the absorption and utilization of Na75SeO3 of silver-treated rats. Abdel Rahim AG. **Comp Biochem Physiol [C]** 1985;81(1):131-2

Selenium absorption by canine jejunum. Reasbeck PG, et al. **Dig Dis Sci** 1985 May;30(5):489-94

Effect of gold on selenium and glutathione peroxidase activities in rat tissues. Baker MA, et al. **Drug Nutr Interact** 1985;3(3):141-52

Projected uptake and toxicity of selenium compounds from the environment. Medinsky MA, et al. **Environ Res** 1985 Feb;36(1):181-92

Tests for the absorption of 75Se-labelled homocholic acid conjugated with taurine (75Se-HCAT). Schroth HJ, et al. **Eur J Nucl Med** 1985;10(9-10):455-7

Age dependence of selenite uptake in rat eye lenses. Babický A, et al. **Exp Eye Res** 1985 Jan;40(1):101-3

The epidemiology of selenium and cancer. Clark LC. **Fed Proc** 1985 Jun;44(9):2584-9

Effect of ascorbic acid supplementation on selenium bioavailability in humans. Mutanen M, et al. **Hum Nutr Clin Nutr** 1985 May;39(3):221-6

The incorporation of selenium and ytterbium into the eyes of mice. Samochocka K, et al. **Int J Appl Radiat Isot** 1984 Dec;35(12):1134-5

The incorporation of Yb and Se into the brains of rats and their effect on the Zn level. Samochocka K, et al. **Int J Appl Radiat Isot** 1984 Dec;35(12):1136-7

Selenium and cardiovascular disease. Kok FJ, et al. **Int J Epidemiol** 1985 Jun;14(2):335

Selenium concentration in maternal and umbilical cord blood, placenta and amniotic membranes. Korpela H, et al. **Int J Vitam Nutr Res** 1984;54(2-3):257-61

Effect of dietary calcium on selenium retention in postweaning swine. Lowry KR, et al. **J Anim Sci** 1985 Jun;60(6):1429-37

Effect of dietary phosphorus on selenium retention in postweaning swine. Lowry KR, et al. **J Anim Sci** 1985 Jun;60(6):1438-46

Effect of inorganic selenium supplementation on selenium

retention in postweaning swine. Mahan DC. **J Anim Sci** 1985 Jul;61(1):173-8
Effects of riboflavin supplementation and selenium source on selenium metabolism in the young pig. Parsons MJ, et al. **J Anim Sci** 1985 Feb;60(2):451-61
Selenium, an 'essential poison'. Jukes TH. **J Appl Biochem** 1983 Aug-Oct;5(4-5):233-4
Single transporter for sulfate, selenate, and selenite in Escherichia coli K-12. Lindblow-Kull C, et al. **J Bacteriol** 1985 Sep;163(3):1267-9
Incorporation and distribution of selenium into thiolase from Clostridium kluyveri. Sliwkowski MX, et al. **J Biol Chem** 1985 Mar 10;260(5):3140-4
Effect of dietary calcium on selenium absorption by the nonlactating dairy cow. Harrison JH, et al. **J Dairy Sci** 1984 Aug;67(8):1860-4
Selenium content and glutathione peroxidase activity in tissues of the dairy cow after short-term feeding. Harrison JH, et al. **J Dairy Sci** 1984 Oct;67(10):2464-70
Abundance and tissue distribution of selenocysteine-containing proteins in the rat. Hawkes WC, et al. **J Inorg Biochem** 1985 Feb;23(2):77-92
Growth hormone inhibition causes increased selenium levels in Duchenne muscular dystrophy: a possible new approach to therapy. Collipp PJ, et al. **J Med Genet** 1984 Aug; 21(4):254-6
Active absorption of selenate by rat ileum. Ardüser F, et al. **J Nutr** 1985 Sep;115(9):1203-8
In vivo intestinal absorption of selenate and selenite by rats. Wolffram S, et al. **J Nutr** 1985 Apr;115(4):454-9
Zinc, copper, manganese, and selenium metabolism in patients with human growth hormone deficiency or acromegaly. Aihara K, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug; 4(4):610-5
Effect of a megadose of ascorbic acid, a meal and orange juice on the absorption of selenium as sodium selenite. Robinson MF, et al. **NZ Med J** 1985 Aug 14;98(784):627-9
Alteration of inorganic mercury accumulation due to selenite in organs of mice fed methylmercury. Suzuki T, et al. **Sangyo Igaku** 1984 Mar;26(2):125-9
Selenium in the anterior pituitary. Thorlacius-Ussing O, et al. **Sci Total Environ** 1985 Mar 15;42(1-2):185-8
Methylmercury stimulates the exhalation of volatile selenium and potentiates the toxicity of selenite. Yonemoto J, et al. **Toxicol Lett** 1985 Jan;24(1):7-14
[Retention of 75Se-selenomethionine in rats studied by whole body counting] Zhu SP, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Sep;5(3):214-5 (Eng. Abstr.) **(Chi)**
[Uptake of 75Se-selenite by ocular tissue in laboratory rats] Babický A, et al. **Cesk Oftalmol** 1985 May;41(3):190-5 (Eng. Abstr.) **(Cze)**
[Selenium. I. A general biological review] Hansen JC, et al. **Ugeskr Laeger** 1985 Jun 10;147(24):1911-7 (30 ref.) (Eng. Abstr.) **(Dan)**
[Selenium. II. A human medicine review] Overvad K, et al. **Ugeskr Laeger** 1985 Jun 10;147(24):1918-22 (26 ref.) (Eng. Abstr.) **(Dan)**
[Selenium and vitamin E requirements of swine. Relation to mulberry heart disease. 1] Wallimann M, et al. **Schweiz Arch Tierheilkd** 1984 Nov;126(11):553-70 **(Ger)**
[Selenium and vitamin E supplement for swine. Relation to mulberry heart disease. 2.] Wallimann M, et al. **Schweiz Arch Tierheilkd** 1984 Dec;126(12):621-31 (Eng. Abstr.) **(Ger)**
[Selenium research. Results and problems of selenium metabolism and its biological role] Meltzer HM, et al. **Tidsskr Nor Laegeforen** 1985 May 20;105(14):979-84 (Eng. Abstr.) **(Nor)**

PHARMACODYNAMICS

Effect on perinatal mortality of a single selenium injection to sows and gilts. Mikél Jensen A, et al. **Acta Vet Scand** 1984;25(3):436-44
Differential effects of sodium selenite and methylmercury(II) on membrane permeability and DNA replication in HeLa S3 carcinoma cells: a preliminary report regarding the modification of organomercurial toxicity by selenium compounds. Gruenwedel DW. **Adv Exp Med Biol** 1984; 177:229-40
Synergistic antiviral effects of ribavirin and the C-nucleoside analogs tiazofurin and selenazofurin against togaviruses, bunyaviruses, and arenaviruses. Huggins JW, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):476-80
Broad-spectrum synergistic antiviral activity of selenazofurin and ribavirin. Kirsi JJ, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):466-75
Effects of selenium and methylmercury upon glutathione and glutathione-S-transferase in mice. Balthrop JE, et al. **Arch Environ Contam Toxicol** 1985 Mar;14(2):197-202
The effects of dietary selenium on cadmium binding in rat kidney and liver. Jamall IS, et al. **Arch Toxicol** 1985 Feb; 56(4):252-5
Selenium prevents the growth stimulatory effects of cadmium on human prostatic epithelium. Webber MM. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):871-7
Inhibitory effects of selenium on the growth of DU-145 human prostate carcinoma cells in vitro. Webber MM, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):603-9
Selenite: a good inhibitor of rat-liver DNA methylase. Cox R. **Biochem Int** 1985 Jan;10(1):63-9
Biochemical and antitumor activity of tiazofurin and its selenium analog (2-beta-D-ribofuranosyl-4-selenazolecarboxamide). Boritzki TJ, et al. **Biochem Pharmacol** 1985 Apr 1; 34(7):1109-14
Structural and functional assembly of rat intestinal cytochrome P-450 isozymes. Effects of dietary iron and selenium. Pascoe GA, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):599-608
Selenium and drug metabolism--III. Relation of glutathione-peroxidase and other hepatic enzyme modulations to dietary supplements. Reiter R, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2287-90
A novel biologically active seleno-organic compound--V. Inhibition by ebselen (PZ 51) of rat peritoneal neutrophil lipoxygenase. Safayhi H, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2691-4
Effect of various amounts of selenium on the metabolism of mercuric chloride in mice. Yamamoto I. **Biochem Pharmacol** 1985 Aug 1;34(15):2713-20
Selenium effects on antennal integrity and chronic copper toxicity in Daphnia pulex (deGeer). Winner RW. **Bull Environ Contam Toxicol** 1984 Nov;33(5):605-11
Selenocystine is not a cystine antimetabolite in L1210 cells. Fisher JM, et al. **Cancer Lett** 1985 Aug;28(1):43-6
Antitumor effect of 6-phenyl-7(6H)-isoselenazolo[4,3-d]pyrimidone on the growth of Ehrlich ascites tumor. Ito H, et al. **Cancer Lett** 1985 Aug;28(1):61-8
Selenium inhibition of the neoplastic transformation in preneoplastic mammary cell populations. Medina D, et al. **Cancer Lett** 1984 Sep;24(2):227-34
Selenium inhibits UV-light-induced skin carcinogenesis in hairless mice. Overvad K, et al. **Cancer Lett** 1985 Jun; 27(2):163-70
Inhibition of the effects of 12-O-tetradecanoylphorbol-13-acetate on mouse epidermal glutathione peroxidase and ornithine decarboxylase activities by glutathione level-raising agents and selenium-containing compounds. Perchellet JP, et al. **Cancer Lett** 1985 Apr;26(3):283-93
A comparison of the effect of selenium on the mutagenicity and metabolism of benzo[a]pyrene in rat and hamster liver S9 activation systems. Teel RW. **Cancer Lett** 1984 Oct; 24(3):281-9
Effects of organoselenium compounds on induction of mouse forestomach tumors by benzo(a)pyrene. el-Bayoumy K. **Cancer Res** 1985 Aug;45(8):3631-5
Effects of selenium on 7,12-dimethylbenz(a)anthracene-induced mammary carcinogenesis and DNA adduct formation. Ip C, et al. **Cancer Res** 1985 Jan;45(1):61-5
Selenium prevents mercuric chloride induced acute osmoregulatory failure without glutathione peroxidase involvement in the black bullhead (Ictalurus melas). Heisinger JF, et al. **Comp Biochem Physiol [C]** 1985; 80(2):295-7
Seleno-DL-methionine and the protection of human platelets against freezing injury. Richter E, et al. **Cryobiology** 1985 Feb;22(1):10-7
Effects of mercury-selenium antagonism on mammalian cell division. Das SK, et al. **Cytobios** 1985;42(169S):271-8
Interaction of alkylmercuric compounds with sodium selenite. II. Metabolism of methylmercuric chloride administered alone and in combination with sodium selenite in rats. Brzeźnicka EA, et al. **Environ Health Perspect** 1985 May;60:411-21
Interaction of alkylmercuric compounds with sodium selenite. III. Biotransformation, levels of metallothioneinlike proteins and endogenous copper in some tissues of rats exposed to methyl or ethylmercuric chloride with and without sodium selenite. Brzeźnicka EA, et al. **Environ Health Perspect** 1985 May;60:423-31
Influence of selenium on the metabolism of bromobenzene and a possible relationship to its hepatotoxicity. Chakrabarti S, et al. **Environ Res** 1985 Aug;37(2):327-39
The tissue disposition of zinc and copper following repeated administration of cadmium and selenium to rats. Chmielnicka J, et al. **Environ Res** 1985 Aug;37(2):419-24
Effects of selenium on quartz-induced cytotoxicity in macrophages. Gabor S, et al. **Environ Res** 1985 Aug; 37(2):293-9
Selenium inhibition of chemical carcinogenesis. Ip C. **Fed Proc** 1985 Jun;44(9):2573-8
Changes in cellular glutathione levels: possible relation to selenium-mediated anticarcinogenesis. LeBoeuf RA, et al. **Fed Proc** 1985 Jun;44(9):2563-7
Effect of selenium on virally induced and transplantable tumor models. Milner JA. **Fed Proc** 1985 Jun;44(9):2568-72
The effects of selenium on the emergence of aflatoxin B1-induced enzyme-altered foci in rat liver. Milks MM, et al. **Fundam Appl Toxicol** 1985 Apr;5(2):320-6
Inhibition by dietary organoselenium, p-methoxybenzene-selenol, of hepatocarcinogenesis induced by azoxymethane in rats. Tanaka T, et al. **Gann** 1985 Jun;76(6):462-7
Effects of seleniferous grains and inorganic selenium on tissue and blood composition and growth performance of rats and swine. Goehring TB, et al. **J Anim Sci** 1984 Sep; 59(3):725-32
Selenium protection against testicular lipid peroxidation from cadmium. Sugawara N, et al. **J Appl Biochem** 1984 Aug; 6(4):199-204
Relationships between in vitro selenium supply, glutathione peroxidase activity, and phagocytic function in the HL-60 human myeloid cell line. Speier C, et al. **J Biol Chem** 1985 Jul 25;260(15):8951-5
Selenium deficiency in cultured adrenocortical cells: restoration of glutathione peroxidase and resistance to hydroperoxides on addition of selenium. Hornsby PJ, et al. **J Cell Physiol** 1985 Apr;123(1):33-8
Modulation of nicotinamide adenine dinucleotide and poly(adenosine diphosphoribose) metabolism by the synthetic 'C' nucleoside analogs, tiazofurin and selenazofurin. A new strategy for cancer chemotherapy. Berger NA, et al. **J Clin Invest** 1985 Feb;75(2):702-9
Effect of sodium azide and sodium selenite on prostaglandin synthesis in rabbit kidney medulla slices. Fujimoto Y, et al. **J Pharm Pharmacol** 1985 Feb;37(2):129-30
Dietary selenium, glutathione peroxidase activity, and toxicity of [illegible],3,7,8-tetrachloro-dibenzo-p-dioxin. Hassan MQ, et al. **J Toxicol Environ Health** 1985;15(3-4):405-15
Cigarette smoke exposure alters [14C]arachidonic acid metabolism in aortas and platelets of rats fed various levels of selenium and vitamin E. Valentovic MA, et al. **J Toxicol Environ Health** 1985;15(3-4):493-502
Increased erythrocyte glutathione peroxidase activity in psoriatics consuming high-selenium drinking water at the Dead-Sea Psoriasis Treatment Center. Shani J, et al. **Pharmacol Res Commun** 1985 May;17(5):479-88
Influence of selenium on the growth of N-nitrosomethylurea-induced mammary tumor cells in culture. Lewko WM, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):33-8
Influence of dietary vitamin E and selenium on the ex-vivo synthesis of prostaglandin E2 in brain regions of young and old rats. Meydani M, et al. **Prostaglandins Leukotrienes Med** 1985 Jun;18(3):337-46
Methyl mercury and selenium interaction in relation to mouse kidney gamma-glutamyltranspeptidase, ultrastructure, and function. Fair PH, et al. **Toxicol Appl Pharmacol** 1985 Aug; 80(1):78-96
Protective effect of selenium on the inhibition of erythrocyte 5-aminolevulinate dehydratase activity by tin. Chiba M, et al. **Toxicol Lett** 1985 Feb-Mar;24(2-3):235-41
Effects of sodium selenite and selenate on DNA and RNA synthesis in vitro. Frenkel GD. **Toxicol Lett** 1985 May; 25(2):219-23
Dietary selenium and aniline-induced methemoglobinemia in rats. Hu ML, et al. **Toxicol Lett** 1985 May;25(2):205-10
Development of reflexes in neonatal mice prenatally exposed to methylmercury and selenite. Satoh H, et al. **Toxicol Lett** 1985 May;25(2):199-203
A kinetic analysis of the interaction between methylmercury and selenium. Komsta-Szumska E, et al. **Toxicology** 1984 Dec;33(3-4):229-38
Stimulatory effects of selenium on mitogen responses in lambs. Turner RJ, et al. **Vet Immunol Immunopathol** 1985 Jan;8(1-2):119-24
Studies on the induction of aryl hydrocarbon(benzo[a]pyrene) hydroxylase in Neurospora crassa, and its suppression by sodium selenite. Kapoor M, et al. **Xenobiotica** 1984 Dec;14(12):903-15
Selenium suppresses the metabolism of benzo[a]pyrene by rat-liver extracts, and exerts a dual effect on its mutagenicity. Lin WS, et al. **Xenobiotica** 1984 Dec; 14(12):893-902
[Influence of sodium selenite on the number of sister chromatid exchanges in V 79 cells induced by N-methyl-N-nitronitrosoguanidine (MNNG) and N-methyl-N-nitrosourea (MNU)] Hu GG. **Chung Hua Chung Liu Tsa Chih** 1985 Jan;7(1):22-5 (Eng. Abstr.) **(Chi)**
[Effect of sodium selenate on changes in the myocardial cell action potential induced by experimental coronary artery spasm] Zhu BG, et al. **Yao Hsueh Hsueh Pao** 1984 Jun; 19(6):401-4 (Eng. Abstr.) **(Chi)**
[Further developments in pancreatic islet transplantation I. Induction of selective morphological changes in the exocrine pancreas] Huber W, et al. **Res Exp Med (Berl)** 1985;185(1):1-12 (Eng. Abstr.) **(Ger)**
[Activity of the thyroid of newborn lambs after a single dose of selenium] Nowosad R, et al. **Endokrynol Pol** 1984; 35(5):289-97 (Eng. Abstr.) **(Pol)**
[Effect of selenium on transplacental carcinogenesis] Bespalov VG, et al. **Vopr Onkol** 1984;30(9):81-5 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

The role of selenium in Keshan disease. Yang GQ, et al. **Adv Nutr Res** 1984;6:203-31

POISONING

Toxicity with superpotent selenium. **FDA Drug Bull** 1984 Aug;14(2):19
Selenium toxicosis in swine. Casteel SW, et al. **J Am Vet Med Assoc** 1985 May 15;186(10):1084-5
Fatal acute selenium toxicity. Pentel P, et al. **J Forensic Sci** 1985 Apr;30(2):556-62
Suspected selenium poisoning in lambs [letter] Anderson PH, et al. **Vet Rec** 1985 Jun 15;116(24):647
Selenium poisoning in lambs. Hopper SA, et al. **Vet Rec** 1985 May 25;116(21):569-71
[Toxicity of zinc sulfide and selenate and working conditions

in their processing] Spiridonova VS, et al. **Gig Sanit** 1985 Feb;(2):74 **(Rus)**

THERAPEUTIC USE

Selenium, glutathione-peroxidase and dermatitis herpetiformis. Ljunghall K, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):546–7

Protective effect of selenium against ionizing radiation-induced malformations in mice. Čekan E, et al. **Acta Radiol [Oncol]** 1985 May-Jun;24(3):267–71

Selenium in carcinogenesis. Vernie LN. **Biochim Biophys Acta** 1984;738(4):203–17 (160 ref.)

Controlled comparison of Clinitar Shampoo and Selsun Shampoo in the treatment of seborrhoeic dermatitis of the scalp. Fredriksson T. **Br J Clin Pract** 1985 Jan;39(1):25–8

Attenuation of the anticarcinogenic action of selenium by vitamin E deficiency. Ip C. **Cancer Lett** 1985 Jan; 25(3):325–31

Inhibition of human breast cancer cells by selenium. Watrach AM, et al. **Cancer Lett** 1984 Nov;25(1):41–7

Comparative clinical trial of bifonazole solution versus selenium sulphide shampoo in the treatment of pityriasis versicolor. Chu AC. **Dermatologica** 1984;169 Suppl 1:81–6

Effect of dietary selenium and injected gold thioglucose on adjuvant-treated rats. Dillard CJ, et al. **Drug Nutr Interact** 1985;3(3):153–63

Double-blind efficacy study of selenium sulfide in tinea versicolor. Sánchez JL, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):235–8

Intraruminal selenium pellet for control of nutritional muscular dystrophy in cattle. Hidiroglou M, et al. **J Dairy Sci** 1985 Jan;68(1):57–66

Inhibitory effect of dietary p-methoxybenzeneselenol on azoxymethane-induced colon and kidney carcinogenesis in female F344 rats. Reddy BS, et al. **JNCI** 1985 Jun; 74(6):1325–8

Selenium inhibition of chemical carcinogenesis in the upper aerodigestive tract of hamsters. Goodwin WJ, et al. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):373–9

Selenium/vitamin E and cancerous conditions [letter] Cowie RS. **Vet Rec** 1985 Feb 9;116(6):168

[Local therapy of pityriasis versicolor: antimycotic agent or shampoo?] Reinel D. **Mykosen** 1985 May;28(5):225–31 (Eng. Abstr.) **(Ger)**

[Seasonal characteristics of the effectiveness of vitamin E and sodium selenate in tetracycline-induced liver damage] Skakun NP, et al. **Antibiotiki** 1984 Nov;29(11):856–61 (Eng. Abstr.) **(Rus)**

[Effectiveness of vitamin E and sodium selenate in carbon tetrachloride-induced liver damage depending on the season] Skakun NP, et al. **Vopr Pitan** 1984 Nov-Dec; (6):50–4 (Eng. Abstr.) **(Rus)**

TOXICITY

Oxygen consumption in fathead minnows (Pimephales promelas) following acute exposure to water-borne selenium. Watenpaugh DE, et al. **Comp Biochem Physiol [C]** 1985;80(2):253–6

Effect of administration sequence of mercuric chloride and sodium selenite on their fates and toxicities in mice. Naganuma A, et al. **Ecotoxicol Environ Safety** 1984 Dec; 8(6):572–80

Histologic changes during selenite cataractogenesis: a light microscopy study. Shearer TR, et al. **Exp Eye Res** 1985 Apr;40(4):557–65

Toxic effects of selenium on growing swine fed corn-soybean meal diets. Goehring TB, et al. **J Anim Sci** 1984 Sep; 59(3):733–7

Effect of sodium selenite on the ciliary activity, adenosine triphosphate, and protein synthesis in mouse trachea organ cultures. Låg M, et al. **J Toxicol Environ Health** 1984; 13(4–6):857–64

Developmental toxicity of nine selected compounds following prenatal exposure in the mouse: naphthalene, p-nitrophenol, sodium selenite, dimethyl phthalate, ethylenethiourea, and four glycol ether derivatives. Plasterer MR, et al. **J Toxicol Environ Health** 1985; 15(1):25–38

Sister-chromatid exchange induction by sodium selenite: reduced glutathione converts Na2SeO3 to its SCE-inducing form. Ray JH. **Mutat Res** 1984 Sep; 141(1):49–53

The genotoxicity of selenium. Shamberger RJ. **Mutat Res** 1985 Jul;154(1):29–48 (130 ref.)

Methylmercury stimulates the exhalation of volatile selenium and potentiates the toxicity of selenite. Yonemoto J, et al. **Toxicol Lett** 1985 Jan;24(1):7–14

[Morphological studies of the oral cavity of rats after the administration of selenium] Fijał D. **Folia Med Cracov** 1984; 25(1–2):57–71 (Eng. Abstr.) **(Pol)**

URINE

Urinary excretion of selenium by New Zealand and North American human subjects on differing intakes. Robinson JR, et al. **Am J Clin Nutr** 1985 May;41(5):1023–31

Analysis of trimethylselenonium ion in urine by high-performance liquid chromatography. Kraus RJ, et al. **Anal Biochem** 1985 Jun;147(2):432–6

Measurement of trimethylselenonium ion in human urine. Nahapetian AT, et al. **Anal Biochem** 1984 Jul;140(1):56–62

Determination of trimethylselenonium ion in urine by ion-exchange chromatography and molecular neutron activation analysis. Blotcky AJ, et al. **Anal Chem** 1985 Aug; 57(9):1937–41

SELENOMETHIONINE see under **SELENIUM**

SELF see **EGO**

SELF ADMINISTRATION

Implantable injection port for epidural opiates self-administration. Hendrickx P, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:279–84

Management of recurrent urinary tract infections with patient-administered single-dose therapy. Wong ES, et al. **Ann Intern Med** 1985 Mar;102(3):302–7

Self-medication on a rehabilitation unit. Taylor MD, et al. **Arch Phys Med Rehabil** 1984 Oct;65(10):612–3

Nicotine self-administration in rats. Cox BM, et al. **Br J Pharmacol** 1984 Sep;83(1):49–55

Domiciliary nebulisers in asthma: a district survey. Laroche CM, et al. **Br Med J [Clin Res]** 1985 Jun 1;290(6482):1611–3

Patient-controlled analgesia. Warfield CA. **Hosp Pract [Off]** 1985 Jul 15;20(7):32L, 32O–32P

Establishing a self-administered medication program. Kallas KD. **J Nurs Adm** 1984 Nov;14(11):38–42

Self-medication for recurrent urinary infection? [editorial] **Lancet** 1985 May 25;1(8439):1199–200

Pain relief for the terminally ill [letter] Mawer SL. **Lancet** 1985 Feb 23;1(8426):463

Oxytocin reduces intravenous heroin self-administration in heroin-tolerant rats. Kovács GL, et al. **Life Sci** 1985 Jul 8;37(1):17–26

Acute hemolysis and renal failure with rifampicin-dependent antibodies after discontinuous administration. Tahan SR, et al. **Transfusion** 1985 Mar-Apr;25(2):124–7

INSTRUMENTATION

Loading gauge safety [letter] Ra K. **Diabetes Care** 1984 Sep–Oct;7(5):507–8

METHODS

SQ chemotherapy at home. Holmes W. **Am J Nurs** 1985 Feb; 85(2):168–9

PSYCHOLOGY

Propoxyphene on demand. Analgesic-seeking behavior in psychiatric inpatients. Winstead DK, et al. **Arch Gen Psychiatry** 1977 Dec;34(12):1463–8

Teaching a six-year-old girl to swallow pills. Dahlquist LM, et al. **J Behav Ther Exp Psychiatry** 1984 Jun;15(2):171–3

SELF ASSESSMENT (PSYCHOLOGY)

Validation of self-administered questionnaire for study of peripheral neuropathy. Freeman RW, et al. **Am J Epidemiol** 1985 Feb;121(2):291–300

The relationship between audiometric and self-report measures of hearing handicap. Brainerd SH, et al. **Ear Hear** 1985 Mar–Apr;6(2):89–92

Comparison of the revised Hearing Performance Inventory with audiometric measures. Hawes NA, et al. **Ear Hear** 1985 Mar–Apr;6(2):93–7

The link between memory performance, self-assessment, and affective status. West RL, et al. **Exp Aging Res** 1984 Winter; 10(4):197–200

A factor analysis of self-report measures of family functioning. Bloom BL. **Fam Process** 1985 Jun;24(2):225–39

Linear analogue self-assessment of voice quality in laryngeal cancer. Llewellyn-Thomas HA, et al. **J Chronic Dis** 1984; 37(12):917–24

Self-assessment in family practice. Taylor AD. **J Fam Pract** 1985 Apr;20(4):400, 409

Cultural group indicators of pain in children. Abu-Saad H. **Matern Child Nurs J** 1984 Fall;13(3):187–96

Perceptions of occupational status of Army nurses and physicians regarding themselves and each other. Winters DE. **Milit Med** 1985 Jun;150(6):297–9

Early screening of pain to prevent it from becoming intractable. Oosterhuis WW. **Pain** 1984 Oct;20(2):193–200

A study of psychophysical scaling in chronic pain patients. Urban BJ, et al. **Pain** 1984 Oct;20(2):157–68

Know thyself--adolescents' self-assessment of compliance behavior. Litt IF. **Pediatrics** 1985 Apr;75(4):693–6

An approach to modifying self-report instruments. Holm K, et al. **Res Nurs Health** 1985 Mar;8(1):13–8

Age and capacity devaluation: a replication. Greenblum J. **Soc Sci Med** 1984;19(11):1181–7

[Expectation index in Raven's PM in the diagnosis of alcoholics] Musil JV. **Cesk Psychiatr** 1985 Feb;81(1):20–5 (Eng. Abstr.) **(Cze)**

[Role of fear in patients after myocardial infarction in the development of differences between a subjective and clinical evaluation of their working capacity] Babiarz M, et al. **Kardiol Pol** 1984;27(10):847–52 (Eng. Abstr.) **(Pol)**

SELF CARE

Self-monitoring of blood glucose in pregnant diabetics. A comparative study of the blood glucose level and course of pregnancy in pregnant diabetics on an out-patient regime before and after the introduction of methods for home analysis of blood glucose. Espersen T, et al. **Acta Obstet Gynecol Scand** 1985;64(1):11–4

Medically directed at-home rehabilitation soon after clinically uncomplicated acute myocardial infarction: a new model for patient care. DeBusk RF, et al. **Am J Cardiol** 1985 Feb 1;55(4):251–7

Dyspnea in advanced cancer. Putting the patient in control. Cunningham CA. **Am J Nurs** 1985 Jun;85(6):676–7

Self-examination of the cervix in premature labor prevention [letter] Goodlin RC. **Am J Obstet Gynecol** 1985 Mar 1; 151(5):703–4

Self-monitoring of blood glucose by diabetic women during the third trimester of pregnancy. Hanson U, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):817–21

Medical self-care education for elders: a controlled trial to evaluate impact. Nelson EC, et al. **Am J Public Health** 1984 Dec;74(12):1357–62

Patients' therapeutic preferences in an ambulatory care setting. Povar GJ, et al. **Am J Public Health** 1984 Dec; 74(12):1395–7

The role of the Diabetic Society of Singapore in promoting diabetes self care and education. Tan BY. **Ann Acad Med Singapore** 1985 Apr;14(2):307–9

Making sure: integrating menstrual care practices into activities of daily living. Patterson ET, et al. **ANS** 1985 Apr;7(3):18–31

Severe handicap in spina bifida: no bar to intermittent self catheterisation. Robinson RO, et al. **Arch Dis Child** 1985 Aug;60(8):760–2

Influence of home monitoring on compliance with a reduced sodium intake diet. Luft FC, et al. **Arch Intern Med** 1984 Oct;144(10):1963–5

Wheelchair push-ups: measuring pressure relief frequency. Merbitz CT, et al. **Arch Phys Med Rehabil** 1985 Jul; 66(7):433–8

Home negative pressure ventilation: report of 20 years of experience in patients with neuromuscular disease. Splaingard ML, et al. **Arch Phys Med Rehabil** 1985 Apr; 66(4):239–42

The meatal problem with TUR prostate: the value of post-operative self-dilatation. Walton JK, et al. **Br J Urol** 1984 Apr;56(2):202–7

Self-monitoring of the blood glucose level: potential sources of inaccuracy. Rasaiah B. **Can Med Assoc J** 1985 Jun 15; 132(12):1357–61

Home care for life-supported persons in England. The Responaut Program. Goldberg AI, et al. **Chest** 1984 Dec; 86(6):910–4

Introduction to self-management of asthma programs. Goldstein RA. **Chest** 1985 Jan;87(1 Suppl):98S

Teaching social skills: evaluation of an 'independence week'. Macredie T, et al. **Child Care Health Dev** 1984 May–Jun; 10(3):181–8

Self-testing: an emerging component of clinical chemistry [letter] Will EJ, et al. **Clin Chem** 1985 Aug;31(8):1410–1

The office visit and the self-help concept in the treatment of psoriasis. Farber EM. **Cutis** 1985 Mar;35(3):201–2

Self-help clinic for psoriasis. Farber EM, et al. **Cutis** 1984 Oct;34(4):339–40

Policy statement. Self-monitoring of blood glucose. American Diabetes Association. **Diabetes** 1985 Sep; 34(9):945

Regimen adherence: a problematic construct in diabetes research [editorial] Glasgow RE, et al. **Diabetes Care** 1985 May–Jun;8(3):300–1

Self-monitoring of capillary blood glucose: changing the performance of individuals with diabetes. Mazze RS, et al. **Diabetes Care** 1985 May–Jun;8(3):207–13

Group therapy in the treatment of diabetes. Tattersall RB, et al. **Diabetes Care** 1985 Mar–Apr;8(2):180–8 (65 ref.)

A randomized, controlled comparison of instruction by a diabetes educator versus self-instruction in self-monitoring of blood glucose. Ward WK, et al. **Diabetes Care** 1985 May–Jun;8(3):284–6

Frequency and accuracy of self-monitoring of blood glucose in children: relationship to glycemic control. Wing RR, et al. **Diabetes Care** 1985 May–Jun;8(3):214–8

Self-care in illness: a review. Russell EM, et al. **Fam Pract** 1985 Jun;2(2):108–21 (122 ref.)

Arthritis self-management: a study of the effectiveness of patient education for the elderly. Lorig K, et al. **Gerontologist** 1984 Oct;24(5):455–7

The efficacy and cost-effectiveness of minimal-therapist-contact, non-drug treatments of chronic migraine and tension headache. Blanchard EB, et al. **Headache** 1985 Jun;25(4):214–20

Predictors of proficient technique and successful lesion detection in breast self-examination. Alagna SW, et al. **Health Psychol** 1984;3(2):113–27

Adherence and self-care. Kerr JA. **Heart Lung** 1985 Jan; 14(1):24–31

Tailoring of the diet for the individual in maple syrup urine disease: long-term home dietary treatment of an adult patient with MSUD by monitoring of daily intake with a personal computer. A case report. Lie IE, et al. **Hum Nutr Appl Nutr** 1985 Apr;39(2):130–6

Behaviour modification in nursing practice and research: a case study. Blair C. **J Adv Nurs** 1985 Mar;10(2):165–8

Geriatric rehabilitation on an acute-care medical unit. Jackson MF. **J Adv Nurs** 1984 Sep;9(5):441–8

Frequency and duration of patient-observed recurrent genital

herpes simplex virus infection: characterization of the nonlesional prodrome. Sacks SL. **J Infect Dis** 1984 Dec;150(6):873-7
Analysis and application of Dorothea Orem's Self-Care Practice Model. Whelan EG. **J Nurs Educ** 1984 Oct;23(8):342-5
Self-monitoring of blood glucose. Wilson DP, et al. **J Okla State Med Assoc** 1985 Jan;78(1):3-7
Facilitating a self-care practicum experience in consumer health education. Ozias JM, et al. **J Sch Health** 1984 Nov;54(10):392-3
Long-term clean intermittent self-catheterization in renal transplant recipients. Barnett M, et al. **J Urol** 1985 Oct;134(4):654-7
The nebuliser epidemic [editorial] **Lancet** 1984 Oct 6;2(8406):789-90
Breast self-examination [letter] Harris WG, et al. **Lancet** 1984 Nov 24;2(8413):1214
Self-care. Substitute, supplement, or stimulus for formal medical care services? Fleming GV, et al. **Med Care** 1984 Oct;22(10):950-66
Self-monitoring of blood glucose. A survey of long-term use. Moses RG, et al. **Med J Aust** 1984 Aug 18;141(4):231-3
Promotion of breast self-examination in South Australia. A short-term evaluation. Roder D, et al. **Med J Aust** 1985 Jan 7;142(1):9-11
Symposium on infections in the compromised host. Insulin-dependent diabetes mellitus. Donohue-Porter P. **Nurs Clin North Am** 1985 Mar;20(1):191-8
Arthritis self-management. A five-year history of a patient education program. Lorig K, et al. **Nurs Clin North Am** 1984 Dec;19(4):637-45
The process of theory analysis [letter] **Nurs Res** 1983 Nov-Dec;32(6):381-3
Blood glucose monitoring at home. Duckles A, et al. **NY State J Med** 1984 Dec;84(12):589-90
Ingredients of survival: breast self-examination. Nichols GP. **Obstet Gynecol** 1985 Feb;65(2):295-6
Knowledge of testicular cancer risk and need for self-examination in college students: a call for equal time for men in teaching of early cancer detection techniques. Goldenring JM, et al. **Pediatrics** 1984 Dec;74(6):1093-6
A randomized trial of A.C.T. (asthma care training) for kids. Lewis CE, et al. **Pediatrics** 1984 Oct;74(4):478-86
The wheezing child. Rachelefsky GS. **Pediatrics** 1984 Nov;74(5 Pt 2):941-7
Self-care. How to help patients share responsibility for their health. Fletcher DJ. **Postgrad Med** 1985 Aug;78(2):213-20, 223
Breast self-examination. Marks M. **Practitioner** 1985 Mar;229(1401):225-7, 229
[Home measurement of blood glucose. Deliberation before the introduction of the test as part of the treatment] Hørder M, et al. **Ugeskr Laeger** 1984 Aug 6;146(32):2385-9 (Eng. Abstr.) **(Dan)**
[Home measurement of blood glucose. A qualitative evaluation] Larsen ML, et al. **Ugeskr Laeger** 1984 Aug 6;146(32):2394-7 (Eng. Abstr.) **(Dan)**
[The continent ileostomy] Hoitsma HF, et al. **Ned Tijdschr Geneeskd** 1984 Dec 15;128(50):2337-40 **(Dut)**
[Do residential facilities for mentally retarded people exert an influence on the capacity for autonomy and social integration of their residents?] Beckers J. **Int J Rehabil Res** 1984;7(4):409-18 (Eng. Abstr.) **(Fre)**
[Self dialysis: a new method of treatment for end-stage renal disease] Fournier G, et al. **Nephrologie** 1984;5(3):115-8 (Eng. Abstr.) **(Fre)**
[Learning self care] Besner G. **Union Med Can** 1984 Jun;113(6):540-2 (Eng. Abstr.) **(Fre)**
[Self measurement of blood pressure and the compliance of hypertensive patients] **Dtsch Med Wochenschr** 1985 Apr 12;110(15):611 **(Ger)**
[Oxygen home therapy in chronic respiratory insufficiency. Report of experience with 70 patients] Keller R, et al. **Schweiz Med Wochenschr** 1985 Mar 9;115(10):334-41 (Eng. Abstr.) **(Ger)**
[Self-monitoring of airway obstruction using the peak flowmeter] Paky A, et al. **Schweiz Med Wochenschr** 1985 Aug 17;115(33):1139-45 (Eng. Abstr.) **(Ger)**
[The effect of self-measurement of blood pressure on compliance in hypertensive patients] Edmonds D, et al. **Schweiz Rundsch Med Prax** 1985 Feb 19;74(8):173-6 (Eng. Abstr.) **(Ger)**
[Results of treatment of diabetes mellitus in 585 children in a diabetological sanatorium in Rabka by the self-care method] Ludwiczak H, et al. **Pediatr Pol** 1984 Sep;59(9):731-42 (Eng. Abstr.) **(Pol)**
[Patients are more independent if they can do their own anticoagulation check ups] Blombäck M, et al. **Lakartidningen** 1985 Apr 3;82(14):1235, 1238-9 (Eng. Abstr.) **(Swe)**

ADVERSE EFFECTS

An unusual complication of self-administered treatment for haemorrhoids. Driscoll PA, et al. **Br J Clin Pract** 1984 Sep;38(9):327-8
Infection and SMBG [letter] Hanna AK, et al. **Diabetes Care** 1984 Nov-Dec;7(6):612
Granuloma annulare secondary to self-monitoring of blood glucose [letter] Renfrow L, et al. **Diabetes Care** 1985 Jan-Feb;8(1):101

INSTRUMENTATION

Improving the accuracy of blood glucose meters that use enzymatic reagent strips [letter] Bernstein RK. **Diabetes Care** 1985 Jan-Feb;8(1):101-2
Assessment of a new blood glucose strip: comparison of Visidex, Visidex II, and Chemstrip bG with Glucose Analyzer determination of blood glucose. Canfield ME, et al. **Diabetes Care** 1985 Jan-Feb;8(1):77-82
The role of self-monitoring of blood glucose in the routine management of children with insulin-dependent diabetes mellitus. Daneman D, et al. **Diabetes Care** 1985 Jan-Feb;8(1):1-4
Potential pitfalls in the use of Glucoscan and Glucoscan II meters for self-monitoring of blood glucose. Laus VG, et al. **Diabetes Care** 1984 Nov-Dec;7(6):590-4
Patient evaluation of fingerstick devices [letter] McMahon MT, et al. **Diabetes Care** 1985 Jan-Feb;8(1):102-3

METHODS

Performance of three enzymic methods for filter paper glucose determination. Burrin JM, et al. **Ann Clin Biochem** 1984 Sep;21 (Pt 5):411-6
Self-monitoring of blood glucose levels in diabetes. Principles and practice. Bergman M, et al. **Arch Intern Med** 1984 Oct;144(10):2029-34 (40 ref.)
Self-management programs for childhood asthma. A review. Blessing-Moore J, et al. **Chest** 1985 Jan;87(1 Suppl):107S-110S (24 ref.)
Decision making in asthma self-management. Hindi-Alexander MC. **Chest** 1985 Jan;87(1 Suppl):100S-104S
ACT (asthma care training) for kids. A childhood asthma self-management program. Rachelefsky GS, et al. **Chest** 1985 Jan;87(1 Suppl):98S-100S
Evaluation of an asthma summer camp program. Robinson LD Jr. **Chest** 1985 Jan;87(1 Suppl):105S-107S
Promoting independent living in a municipality with 25 percent elderly. Porsman VA. **Dan Med Bull** 1985 Feb;32 Suppl 1:77-8
More on SMBG techniques [letter] Peled N. **Diabetes Care** 1985 Mar-Apr;8(2):195
The impact of a self-administered behavioral intervention program on pediatric asthma. Rakos RF, et al. **J Psychosom Res** 1985;29(1):101-8
Blood glucose monitoring in childhood diabetes. Connors MH. **Nurse Pract** 1984 Sep;9(9):30, 32, 62
Over-distension therapy of the bladder in paraplegic patients using self-catheterisation: a preliminary study. Iwatsubo E, et al. **Paraplegia** 1984 Aug;22(4):210-5
Self-reinforcement by children. Blount RL, et al. **Prog Behav Modif** 1984;18:195-225 (75 ref.)
Refuges and self-help. Clifton J. **Sociol Rev [Monogr]** 1985;(31):40-59
[Intermittent self-catheterization in a child] Tozuka K, et al. **Nippon Ika Daigaku Zasshi** 1985 Feb;52(1):95-8 **(Jpn)**

PSYCHOLOGY

Measuring desire for control of health care processes. Smith RA, et al. **J Pers Soc Psychol** 1984 Aug;47(2):415-26
Consumer views of self-care: promise or panacea. Green K. **J R Soc Health** 1985 Apr;105(2):65-7
Development of an instrument to explore psychological mediators of outcome in chronic arthritis. Shoor SM, et al. **Trans Assoc Am Physicians** 1984;97:325-31
[Psychological methods in the treatment of essential hypertension] Richter-Heinrich E, et al. **Kardiologiia** 1985 Jan;25(1):86-8 **(Rus)**

SELF CARE (REHABILITATION) see **ACTIVITIES OF DAILY LIVING**

SELF-CARE UNITS see under **HOSPITAL UNITS**

SELF CONCEPT

see related
BODY IMAGE
Identifying children at high somatic risk: possible long-term effects on the parents' views of their own health and current life situation. Thelin T, et al. **Acta Psychiatr Scand** 1985 Jun;71(6):644-53
Alcohol's effects on self-awareness. Frankenstein W, et al. **Addict Behav** 1984;9(4):323-8
A longitudinal study of the self-concept of low-income youth. Barnes ME, et al. **Adolescence** 1985 Spring;20(77):199-205
Health locus of control and self-esteem as related to adolescent health behavior and intentions. Dielman TE, et al. **Adolescence** 1984 Winter;19(76):935-50
A longitudinal study of the impact of parental divorce on adolescents' evaluations of self and parents. Parish TS, et al. **Adolescence** 1985 Spring;20(77):239-44
The perception of problem drinkers by general hospital staff, general practitioners and alcoholic patients. Potamianos G, et al. **Alcohol** 1985 Jul-Aug;2(4):563-6
A revised form of the Tennessee Self-Concept Scale for use with deaf and hard of hearing persons. Gibson-Harman K, et al. **Am Ann Deaf** 1985 Jul;130(3):218-25
The long-term impact of nonprofessional service experience on college students. McVeigh JS, et al. **Am J Community Psychol** 1984 Dec;12(6):725-9
Residency training: the path to professional and personal dignity. Pierpaoli PG. **Am J Hosp Pharm** 1984 Sep;41(9):1849-51
The effectiveness of verbal versus activity groups in improving self-perceptions of interpersonal communication skills. DeCarlo JJ, et al. **Am J Occup Ther** 1985 Jan;39(1):20-7
Psychosocial implications of malocclusion: a 15-year follow-up study in 30-year-old Danes. Helm S, et al. **Am J Orthod** 1985 Feb;87(2):110-8
Delusional loving and the self [letter] Grinker RR. **Am J Psychiatry** 1985 May;142(5):659
Body images of one's self and of others: developmental and clinical significance. van der Velde CD. **Am J Psychiatry** 1985 May;142(5):527-37
Guilt and self-idealization. Gállego Meré A. **Am J Psychoanal** 1984 Fall;44(3):290-300
Effect of chronic lung disease on the perception of added inspiratory loads. Ward ME, et al. **Am Rev Respir Dis** 1985 Sep;132(3):652-6
Problems of linguistic insecurity in multicultural speech contexts. Bucci W, et al. **Ann NY Acad Sci** 1984;433:185-200
Effect of gender role identity on patterns of feminine and self-concept scores from late pregnancy to early postpartum. Brouse SH. **ANS** 1985 Apr;7(3):32-48
Child's health self-concept scale: its development and psychometric properties. Hester NO. **ANS** 1984 Oct;7(1):45-55
Self-concept measurement in mentally retarded adults: a micro-analysis of response styles. Zetlin AG, et al. **Appl Res Ment Retard** 1985;6(2):113-25
Self-concept among persons with long-term spinal cord injury. Green BC, et al. **Arch Phys Med Rehabil** 1984 Dec;65(12):751-4
Congenital heart disease: functional abilities in young adults. Wright M, et al. **Arch Phys Med Rehabil** 1985 May;66(5):289-93
Importance and perceived ability as determinants of information search. Försterling F, et al. **Arch Psychol (Frankf)** 1984;136(4):333-42
Social perception, social performance, and self-perception. A study with psychiatric and nonpsychiatric groups. Fingeret AL, et al. **Behav Modif** 1985 Jul;9(3):345-56
Self-efficacy and health. O'Leary A. **Behav Res Ther** 1985;23(4):437-51 (101 ref.)
The validity of a short form of the Coopersmith Self Esteem Inventory. Gibbs J, et al. **Br J Educ Psychol** 1985 Feb;55 (Pt 1):76-80
Self-esteem and early background of abusive mothers. Oates RK, et al. **Child Abuse Negl** 1985;9(1):89-93
Self-esteem of abused children. Oates RK, et al. **Child Abuse Negl** 1985;9(2):159-63
The pictorial scale of perceived competence and social acceptance for young children. Harter S, et al. **Child Dev** 1984 Dec;55(6):1969-82
The illusion of incompetence among academically competent children. Phillips D. **Child Dev** 1984 Dec;55(6):2000-16
The self-concepts of children entering day psychiatric treatment. Zimet SG, et al. **Child Psychiatry Hum Dev** 1984 Winter;15(2):142-50
Adolescents with cleft lip and palate: self-perceptions of appearance and behavior related to personality adjustment. Richman LC, et al. **Cleft Palate J** 1985 Apr;22(2):93-6
Developing self-esteem in urban youth. Sells MB. **Community Ment Health J** 1984 Winter;20(4):318-22
Relationship between EEG amplitude and subjective rating of task strain during performance of a calculating task. Kakizaki T. **Eur J Applied Physiol** 1984;53(3):206-12
Adolescent self-consciousness and the imaginary audience. Lechner CR, et al. **Genet Psychol Monogr** 1984 Nov;110(2D Half):289-305
Relationship of self-concept to age, disability, and institutional residency. Larson PC, et al. **Gerontologist** 1984 Aug;24(4):401-7
Adolescent growth--self-appraisal and personality correlates. Kumar A, et al. **Indian Pediatr** 1984 Apr;21(4):271-9
Self- and ideal-self-perception of drug addicts in therapeutic communities. Preston CA, et al. **Int J Addict** 1984 Nov;19(7):805-18
Idiographic assessment of the self in the aged: a case for the use of the Q-sort. Hayslip B Jr. **Int J Aging Hum Dev** 1984-85;20(4):293-311
Sex-role stereotype, self-concept, education and experience: do they influence decision-making? Joseph DH. **Int J Nurs Stud** 1985;22(1):21-32
Self-esteem: a closer look at clinical interventions. Meisenhelder JB. **Int J Nurs Stud** 1985;22(2):127-35
A study of group-self identification among the disabled in Nigeria: a case for support groups. Nwuga VC. **Int J Rehabil Res** 1985;8(1):61-7
Social experimentation self-process or social role. Kilbourne BK, et al. **Int J Soc Psychiatry** 1985 Spring;31(1):13-22
Paternal absence and its effect on adolescent self-esteem. Miller TW. **Int J Soc Psychiatry** 1984 Winter;30(4):293-6
Sexual, body-image, and personality attitudes in anorexia nervosa. Leon GR, et al. **J Abnorm Child Psychol** 1985 Jun;13(2):245-57
Depressive self-schemas, life stress, and vulnerability to depression. Hammen C, et al. **J Abnorm Psychol** 1985 Aug;

94(3):308-19

Mania and low self-esteem. Winters KC, et al. **J Abnorm Psychol** 1985 Aug;94(3):282-90

Self-esteem, ethnic identity, and behavioral adjustment among Anglo and Chicano adolescents in West Texas. Grossman B, et al. **J Adolesc** 1985 Mar;8(1):57-68

Ten-year follow-up of adolescent dyslexics. Michelsson K, et al. **J Adolesc Health Care** 1985 Jan;6(1):31-4

Gender differences in antidepressant and activating drug effects on self-perceptions. Hamilton JA, et al. **J Affective Disord** 1984 Dec;7(3-4):235-43

Racial identity and self-esteem: problems peculiar to biracial children. Lyles MR, et al. **J Am Acad Child Psychiatry** 1985 Mar;24(2):150-3

Self-concepts among Afro-American students in racially isolated minority schools: some regional differences. Powell GJ. **J Am Acad Child Psychiatry** 1985 Mar;24(2):142-9

Evaluation of dietary practices of college women based on expressed concern for one's dietary habits. Vickery CE, et al. **J Am Diet Assoc** 1985 May;85(5):613-5

Theories of the self and psychoanalytic concepts: discussion. Blum HP. **J Am Psychoanal Assoc** 1982;30(4):959-78

The self as fantasy: fantasy as theory. Grossman WI. **J Am Psychoanal Assoc** 1982;30(4):919-37

Self, ego, affects, and drives. Kernberg OF. **J Am Psychoanal Assoc** 1982;30(4):893-917

Thoughts on the emergence of the sense of self, with particular emphasis on the body self. Mahler MS, et al. **J Am Psychoanal Assoc** 1982;30(4):827-48

The self psychoanalytic theory. Rangell L. **J Am Psychoanal Assoc** 1982;30(4):863-91

The superordinate self in psychoanalytic theory and in the self psychologies. Richards AD. **J Am Psychoanal Assoc** 1982;30(4):939-57

The alternate schools and the self. Ticho EA. **J Am Psychoanal Assoc** 1982;30(4):849-62

Symposium: Concepts of the self--the self or the Self? **J Anal Psychol** 1985 Jul;30(3):229-318

Self-recognition in autistic children. Dawson G, et al. **J Autism Dev Disord** 1984 Dec;14(4):383-94

Hypertension labeling and well-being: alternative explanations in cross-sectional data. Wagner EH, et al. **J Chronic Dis** 1984;37(12):943-7

Social skills deficits and self-evaluation among depressed and nondepressed psychiatric inpatients. Haley WE. **J Clin Psychol** 1985 Mar;41(2):162-8

Personal worth, self-esteem, anomia, hostility and irrational thinking of abusing mothers: a multivariate approach. Shorkey CT, et al. **J Clin Psychol** 1985 May;41(3):414-21

Age differences in self-perceptions of type A traits. Blumenthal JA, et al. **J Consult Clin Psychol** 1985 Apr;53(2):264-6

Effects of marital role problems and the self-concept on wives' depressed mood. Schafer RB. **J Consult Clin Psychol** 1985 Aug;53(4):541-3

Self-concept in obese and normal-weight children. Wadden TA, et al. **J Consult Clin Psychol** 1984 Dec;52(6):1104-5

Student perception of faculty role models. Lange B, et al. **J Dent Educ** 1985 Mar;49(3):159-61, 164-8

Old women's self perceptions of dependency and some implications for service provision. Evers H. **J Epidemiol Community Health** 1984 Dec;38(4):306-9

Self, self-concept, identity, and homosexual identity: constructs in need of definition and differentiation. Troiden RR. **J Homosex** 1984 Winter;10(3-4):97-109

Adler's psychology (of use) today: personal history of traumatic life events as a self-handicapping strategy. DeGree CE, et al. **J Pers Soc Psychol** 1985 Jun;48(6):1512-9

Attitude accessibility following a self-perception process. Fazio RH, et al. **J Pers Soc Psychol** 1984 Aug;47(2):277-86

Adolescent self-disclosure and loneliness: private self-consciousness and parental influences. Franzoi SL, et al. **J Pers Soc Psychol** 1985 Mar;48(3):768-80

The effects of private self-consciousness and perspective taking on satisfaction in close relationships. Franzoi SL, et al. **J Pers Soc Psychol** 1985 Jun;48(6):1584-94

Self-awareness and self-confrontation: effects of self-focused attention on members of a clinical population. Gibbons FX, et al. **J Pers Soc Psychol** 1985 Mar;48(3):662-75

The prediction of semantic consistency in self-descriptions: characteristics of persons and of terms that affect the consistency of responses to synonym and antonym pairs. Goldberg LR, et al. **J Pers Soc Psychol** 1985 Jan;48(1):82-98

Influence of individual and group identity salience in the global self-esteem of youth. Hoge DR, et al. **J Pers Soc Psychol** 1984 Aug;47(2):403-14

Jealousy: loss of relationship rewards, loss of self-esteem, depression, anxiety, and anger. Mathes EW, et al. **J Pers Soc Psychol** 1985 Jun;48(6):1552-61

Prototype matching: a strategy for social decision making. Niedenthal PM, et al. **J Pers Soc Psychol** 1985 Mar;48(3):575-84

The nature of negative thoughts in depression. Pietromonaco PR, et al. **J Pers Soc Psychol** 1985 Mar;48(3):799-807

Self-involvement, self-attribution, and the Type A coronary-prone behavior pattern. Rhodewalt F. **J Pers Soc Psychol** 1984 Sep;47(3):662-70

Personal efficacy, external locus of control, and perceived contingency of parental reinforcement among depressed, paranoid, and normal subjects. Rosenbaum M, et al. **J Pers Soc Psychol** 1985 Aug;49(2):539-47

Factors in the self-deception questionnaire: associations with depression. Roth DL, et al. **J Pers Soc Psychol** 1985 Jan;48(1):243-51

Long-term adjustment to physical disability: the role of social support, perceived control, and self-blame. Schulz R, et al. **J Pers Soc Psychol** 1985 May;48(5):1162-72

Psychologic aspects of vaginal agenesis. Poland ML, et al. **J Reprod Med** 1985 Apr;30(4):340-4

Student heart health knowledge, smoking attitudes, and self-esteem. Allendorff S, et al. **J Sch Health** 1985 May;55(5):196-9

Prevention of alcohol misuse through the development of personal and social competence: a pilot study. Botvin GJ, et al. **J Stud Alcohol** 1984 Nov;45(6):550-2

Self-image and social-image factors in adolescent alcohol use. Chassin L, et al. **J Stud Alcohol** 1985 Jan;46(1):39-47

School-age children with diabetes: knowledge and management of the disease, and adequacy of self-concept. Brown AJ. **Matern Child Nurs J** 1985 Spring;14(1):47-61

The self-image of overweight adolescent females: a review of the literature. Hoover ML. **Matern Child Nurs J** 1984 Summer;13(2):125-37

Cognitive determinants of the perception of mental health status. Lockwood L. **Med Hypotheses** 1984 Sep;15(1):61-5

Depression, self-concept, and violent experience in drug abusing women and their influence upon parenting effectiveness. Regan DO, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:332

Imagotherapy as a method of rehabilitation in neuroses and mental diseases. Vol'pert IE. **Neurosci Behav Physiol** 1985 Jan-Feb;15(1):77-81

Self-concept: an outcome of a program for spinal pain. Beekman CE, et al. **Pain** 1985 May;22(1):59-66

Prediction of treatment response in pain patients: the illness self-concept repertory grid and EMG feedback. Large RG. **Pain** 1985 Mar;21(3):279-87

Comparison of self- and peer-perceptions of mentally retarded children. Bliss LS. **Percept Mot Skills** 1985 Jun;60(3):987-93

Gender differences in perceived physical self-efficacy among older individuals. Godin G, et al. **Percept Mot Skills** 1985 Apr;60(2):599-602

Deviational salience: application to short stature and relation to perception of adolescent boys. Morrow J. **Percept Mot Skills** 1984 Oct;59(2):623-33

Relationship between self-consciousness, autonomic perception, and psychosomatic disorders. Puente AE. **Percept Mot Skills** 1984 Dec;59(3):769-70

More than skin deep: a self-consistency approach to the psychology of cosmetic surgery. Burk J, et al. **Plast Reconstr Surg** 1985 Aug;76(2):270-80

Self-consciousness in acute and chronic schizophrenics. Andersson C, et al. **Psychol Rep** 1984 Oct;55(2):569-70

Impact of stress and locus of control on the concept of self. Clayson DE, et al. **Psychol Rep** 1984 Dec;55(3):919-26

General and physical self-esteem and altruistic behavior. Hessing DJ, et al. **Psychol Rep** 1985 Jun;56(3):930

Fear of death and the concept of extended self. Westman AS, et al. **Psychol Rep** 1985 Apr;56(2):419-25

A social-cognitive theory of depression in reaction to life events. Oatley K, et al. **Psychol Rev** 1985 Jul;92(3):372-88

Parents' beliefs about themselves as parents of a new infant: instrument development. Pridham KF, et al. **Res Nurs Health** 1985 Mar;8(1):19-29

Perceptgenetic defenses against anxiety and a threatened sense of self as seen in terms of the Spiral Aftereffect Technique. Andersson AL, et al. **Scand J Psychol** 1985;26(2):123-39

Dental habits, knowledge, and attitudes of young drug addicts. Scheutz F. **Scand J Soc Med** 1985;13(1):35-40

First person account: where did I go? McGrath ME. **Schizophr Bull** 1984;10(4):638-40

[The effect of the family environment on the self-confidence, the identification process and choice of a life partner in sexually dysfunctional men] Sípová I. **Cas Lek Cesk** 1985 May 17;124(20):626-30 (Eng. Abstr.) **(Cze)**

[A model of the interaction of self image, activation and coping behavior] Krauss H. **Arch Psychol (Frankf)** 1984;136(4):317-32 (Eng. Abstr.) **(Ger)**

[Juvenile delinquency. An empirical study on the effect of risk factors, parental rearing behavior, orientation, self concept and moral judgment] Schwabe-Höllein M. **Prax Kinderpsychol Kinderpsychiatr** 1984 Nov-Dec;33(8):301-8 (Eng. Abstr.) **(Ger)**

[Self concept of adolescents] Steinhausen HC. **Prax Kinderpsychol Kinderpsychiatr** 1985 Feb-Mar;34(2):54-7 (Eng. Abstr.) **(Ger)**

[Self and other perception of parents with a psychosomatically ill child in the Giessen Test] Seebach-Herberth J, et al. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:187-208 **(Ger)**

[Self-exchange drive of pedophilic patients] Berner W. **Psychother Psychosom Med Psychol** 1985 Jan;35(1):17-23 (Eng. Abstr.) **(Ger)**

[Self image and physician ideal of preclinical medical students] Speierer GW, et al. **Psychother Psychosom Med Psychol** 1984 Aug;34(8):213-9 (Eng. Abstr.) **(Ger)**

[Competent for questions of humanity? Problematic aspects of a patient-centered self concept of psychosocial experts in medicine] Wichmann U. **Psychother Psychosom Med Psychol** 1984 Dec;34(12):307-12 (Eng. Abstr.) **(Ger)**

[Achievement concepts, mental status and psychological stability of the elderly] Deusinger IM. **Rehabilitation (Stuttg)** 1985 Feb;24(1):26-32 (Eng. Abstr.) **(Ger)**

[Theoretical and empirical studies on the structure of self concepts of the elderly] Deusinger IM. **Z Gerontol** 1984 Sep-Oct;17(5):294-7 (Eng. Abstr.) **(Ger)**

[Effects of self concept on causal attributions and emotional reactions in imagined success and failure situations] Beutel M, et al. **Z Klin Psychol Psychopathol Psychother** 1984;32(2):146-58 **(Ger)**

[Dysmorphophobia--self concept and self identity] Strian F. **Z Klin Psychol Psychopathol Psychother** 1984;32(2):117-22 **(Ger)**

[Principles of training methods and results of treatment of lack of self confidence with behavior therapy group training] Gudermuth S. **Z Psychol** 1984;192(3):319-37 (Eng. Abstr.) **(Ger)**

[Concept of the double as a problem of relationships in problems of leukemia and terminal cancer patients and its appearance in art therapy] Dreifuss E, et al. **Z Psychosom Med Psychoanal** 1984;30(3):282-91 (Eng. Abstr.) **(Ger)**

[Self-evaluation of occupational psychological stress in physicians' work] Wichrowski A, et al. **Pol Tyg Lek** 1984 Oct 15;39(42):1381-3 (Eng. Abstr.) **(Pol)**

[Various features of the image of the disease in patients with spinal cord lesions] Aksenova IL. **Zh Nevropatol Psikhiatr** 1985;85(4):508-13 (Eng. Abstr.) **(Rus)**

[Dynamics of the internal perception of their disease among patients with severe forms of arrhythmia treated with permanent cardiac electrostimulation] Krylov VI. **Zh Nevropatol Psikhiatr** 1985;85(2):219-24 (Eng. Abstr.) **(Rus)**

SELF DISCLOSURE

Expired air carbon monoxide and saliva thiocyanate: relationships to self-reports of marijuana and cigarette smoking. Biglan A, et al. **Addict Behav** 1985;10(2):137-44

Comparison of reactive and non-reactive measures of smoking cessation at follow-up. Crossen JR, et al. **Addict Behav** 1984;9(3):295-8

Clinical treatment of the nondisclosing black client. A therapeutic paradox. Ridley CR. **Am Psychol** 1984 Nov;39(11):1234-44

Volunteer bias in erotica research: effects of intrusiveness of measure and sexual background. Wolchik SA, et al. **Arch Sex Behav** 1985 Apr;14(2):93-107

Depressive symptoms and unprompted causal attributions: content analysis. Peterson C, et al. **Behav Res Ther** 1985;23(4):379-82

Client disclosure and psychotherapy session evaluations. Stiles WB. **Br J Clin Psychol** 1984 Nov;23 (Pt 4):311-2

Factors affecting promptness of reporting in breast cancer patients. Duffy JE, et al. **Hygie** 1984 Sep;3(3):29-32

Therapeutic value of documenting child survivors. Krell R. **J Am Acad Child Psychiatry** 1985 Jul;24(4):397-400

Changing gender stereotyped behavior: role of therapist's personal disclosure. Olarte SW. **J Am Acad Psychoanal** 1985 Apr;13(2):259-67

Developmental aspects of adolescent problem disclosure in England and Ireland. Porteous MA. **J Child Psychol Psychiatry** 1985 May;26(3):465-78

Self-reports predictive of mortality from ischemic heart disease: a nine-year follow-up of the Human Population Laboratory cohort. Kaplan GA, et al. **J Chronic Dis** 1985;38(2):195-201

Content and response-style in the construct validation of self-report inventories: a canonical analysis. Greenblatt RL, et al. **J Clin Psychol** 1984 Nov;40(6):1414-20

Disguise and the structured self-report assessment of psychopathology: I. An analogue investigation. Holden RR, et al. **J Consult Clin Psychol** 1985 Apr;53(2):211-22

Effects of type of examiner, sex, and year in school on self report of drug use by high school students. McClary SA, et al. **J Drug Educ** 1985;15(1):49-55

Adolescent self-disclosure and loneliness: private self-consciousness and parental influences. Franzoi SL, et al. **J Pers Soc Psychol** 1985 Mar;48(3):768-80

Validity of self-reports of alcohol and other drug use: a multitrait-multimethod assessment. Stacy AW, et al. **J Pers Soc Psychol** 1985 Jul;49(1):219-32

Methodologic issues in self-report of health behavior. Baranowski T. **J Sch Health** 1985 May;55(5):179-82

Trends in self-reported marijuana use among teenagers--Canada, 1981-1983. **MMWR** 1984 Nov 2;33(43):609-10, 615-6

Re: A brief comment on 'the headache scale: a new approach to the assessment of headache pain based on pain descriptions' [letter] Williams DE, et al. **Pain** 1984 Sep;20(1):107-8

Therapist self-disclosure: when is it appropriate? Auvil CA, et al. **Perspect Psychiatr Care** 1984 Apr-Jun;22(2):57-61

Adolescents' self-reports of tobacco, alcohol, and marijuana use: examining the comparability of video tape, cartoon and verbal bogus-pipeline procedures. Botvin EM, et al. **Psychol Rep** 1984 Oct;55(2):379-86

Effect of counselors' self-references on subjects first impressions in an experimental psychological interview. Loeb RG, et al. **Psychol Rep** 1984 Dec;55(3):803-10

Hypertension, perceived clinician empathy, and patient self-disclosure. Dawson C. **Res Nurs Health** 1985 Jun; 8(2):191-8

SELF-EVALUATION PROGRAMS see under **EDUCATIONAL MEASUREMENT**

SELF-HELP DEVICES

Retention of symbolic communications skills by severely mentally retarded persons. Romski MA, et al. **Am J Ment Defic** 1985 Jan;89(4):441-4

Computer-aided communication device for a child with cerebral palsy. Bruno J, et al. **Arch Phys Med Rehabil** 1984 Oct;65(10):603-5

Adaptive device for the quadriplegic golfer. Gordon S, et al. **Arch Phys Med Rehabil** 1985 Jul;66(7):475-6

Telephone communication system for handicapped individuals. Levine SP, et al. **Arch Phys Med Rehabil** 1984 Dec;65(12):788-9

Rehabilitation of an adult with disabilities due to congenital sensory neuropathy. Nance PW, et al. **Arch Phys Med Rehabil** 1985 Feb;66(2):123-4

Skill evaluator and trainer for electrically operated devices: an evaluation of the SET. Seeger BR, et al. **Arch Phys Med Rehabil** 1985 Jun;66(6):387-90

Tactual perception of speech-like stimuli with an electrocutaneous vocoder. Eilers RE, et al. **Artif Organs** 1984 Nov;8(4):494-7

Eye controlled and other fast communicators for speech impaired and physically handicapped persons. Downing AR. **Australas Phys Eng Sci Med** 1985 Jan-Mar;8(1):17-21

Amputation of the penis. A useful appliance to assist micturition. O'Malley VP. **Br J Urol** 1985 Jun;57(3):361-2

Needs and opportunities in rehabilitation. Aids and the environment. Gloag D. **Br Med J [Clin Res]** 1985 Jan 19; 290(6463):220-3

Treatment of chronic global aphasia with a nonverbal communication system. Johannsen-Horbach H, et al. **Brain Lang** 1985 Jan;24(1):74-82

Synthesized speech rate and pitch effects on intelligibility of warning messages for pilots. Simpson CA, et al. **Hum Factors** 1984 Oct;26(5):509-17

A speech prosthesis employing a speech synthesizer--vowel discrimination from perioral muscle activities and vowel production. Sugie N, et al. **IEEE Trans Biomed Eng** 1985 Jul;32(7):485-90

Augmentative communication--an approach for the severely physically handicapped person without oral speech. Montgomery JK. **Int Rehabil Med** 1984;6(3):135-8

A wearable multiple-electrode electrotactile speech processor for the profoundly deaf. Blamey PJ, et al. **J Acoust Soc Am** 1985 Apr;77(4):1619-20

Acquisition of a 250-word vocabulary through a tactile vocoder. Brooks PL, et al. **J Acoust Soc Am** 1985 Apr; 77(4):1576-9

The effect of frequency change on discrimination of pulse bursts in an electrocutaneous tactual vocoder. Bull D, et al. **J Acoust Soc Am** 1985 Mar;77(3):1192-8

Ipsilateral versus bilateral placement of a tactile vocoder display. Craig JC, et al. **J Acoust Soc Am** 1985 Mar; 77(3):1266-8

Statistical clustering procedures applied to low-cost speech recognition. Damper RI, et al. **J Biomed Eng** 1984 Oct; 6(4):265-71

Interrupted reflection fibre optic communication device for the severely disabled. Grattan KT, et al. **J Biomed Eng** 1984 Oct;6(4):321-2

An investigation of the efficiency of blissymbolics vs. print in symbol learning by nonreading preschool pupils. Luftig RL, et al. **J Commun Disord** 1985 Aug;18(4):285-94

An aid to visual pointing for children with severe physical handicap. Mac Gillivray J, et al. **J Med Eng Technol** 1984 Jul-Aug;8(4):184-5

Use of personal computing technology by deaf-blind individuals. Zuckerman D. **J Med Syst** 1984 Oct;8(5):431-6

Selective auditory preferences and the use of automated equipment by severely, profoundly and multiply handicapped children. Glenn SM, et al. **J Ment Defic Res** 1984 Dec;28 (Pt 4):281-96

Modular mouthstick system. Kozole KP, et al. **J Prosthet Dent** 1985 Jun;53(6):831-5

Frequency of word occurrence in communication samples produced by adult communication aid users. Beukelman DR, et al. **J Speech Hear Disord** 1984 Nov;49(4):360-7

Transparency of three communication symbol systems. Musselwhite CR, et al. **J Speech Hear Res** 1984 Sep; 27(3):436-43

Evaluation of assistive devices for paralyzed persons. Leliveld IW. **Med Prog Technol** 1985;10(4):225-7

Discrete eye-position recording for alternative communication. ten Kate JH, et al. **Med Prog Technol** 1985; 10(4):201-11

An electro-ocular switch for communication of the speechless. ten Kate JH, et al. **Med Prog Technol** 1983-84; 10(3):135-41

Augmentative communication: a perspective for pediatricians. Cohen C. **Pediatr Ann** 1985 Mar;14(3):232-4, 236-7, 240

Discrimination of computer-synthesized speech. Oshrin SE, et al. **Percept Mot Skills** 1984 Oct;59(2):619-22

Biomechanical comparison of rising from two types of chairs. Burdett RG, et al. **Phys Ther** 1985 Aug;65(8):1177-83

[An electronic communication aid with a large keyboard for artificial respiration patients in the intensive care unit] Metz G, et al. **Anasth Intensivther Notfallmed** 1984 Aug; 19(4):204-5 (Eng. Abstr.) **(Ger)**

[Communication by patients with late amyotrophic lateral sclerosis--a document creating system by input of muscular action potentials] Nishikawa S, et al. **Rinsho Shinkeigaku** 1984 Oct;24(10):963-7 (Eng. Abstr.) **(Jpn)**

ECONOMICS

General practitioners should be able to prescribe enuresis alarms on the NHS [letter] Symon DN. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):920-1

HISTORY

Evolution of reading machines for the blind: Haskins Laboratories' research as a case history. Cooper FS, et al. **J Rehabil Res Dev** 1984 May;21(1):51-87

SUPPLY & DISTRIBUTION

[Types of orthopedic equipment and its utilization in patients with severe lesions of the musculoskeletal system] Sczygielska-Majewska M. **Pol Tyg Lek** 1984 Aug 6; 39(32):1067-70 (Eng. Abstr.) **(Pol)**

UTILIZATION

Assistive devices: utilization by children. McGrath PJ, et al. **Arch Phys Med Rehabil** 1985 Jul;66(7):430-2

SELF-HELP GROUPS

Ten ways for a self-help group to fail. Lemberg R. **Am J Orthopsychiatry** 1984 Oct;54(4):648-50

The effects of self-help and psychotherapy intervention on child loss: the limits of recovery. Videka-Sherman L, et al. **Am J Orthopsychiatry** 1985 Jan;55(1):70-82

Outcomes of self-help education for patients with arthritis. Lorig K, et al. **Arthritis Rheum** 1985 Jun;28(6):680-5

An assessment of the Reach to Recovery program. Rogers TF, et al. **CA** 1985 Mar-Apr;35(2):116-24

Parent to parent goes national. Carter SB, et al. **Child Today** 1985 Mar-Apr;14(2):30-1

Participants' evaluation of educational/support groups for families of patients with Alzheimer's disease and other dementias. Glosser G, et al. **Gerontologist** 1985 Jun; 25(3):232-6

Employee self-help smoking cessation programs: a review of the literature. Windsor RA, et al. **Health Educ Q** 1984 Winter;11(4):349-59 (81 ref.)

Hospital social workers and self-help groups. Black RB, et al. **Health Soc Work** 1985 Spring;10(2):95-103

A response to the malpractice crisis. Physician support group formed. Charles SC. **IMJ** 1985 Jun;167(6):454-5

Comparisons among peer and professionally directed groups for the elderly: implications for the development of self-help groups. Lieberman MA, et al. **Int J Group Psychother** 1985 Apr;35(2):155-75

Supporting each other. Lisoskie S. **J Am Med Wom Assoc** 1985 Jul-Aug;40(4):107, 126

Cocaine recovery support groups and the language of recovery. Ehrlich P, et al. **J Psychoactive Drugs** 1985 Jan-Mar;17(1):11-7

Self-help therapy in Parents Anonymous. Hunka CD, et al. **J Psychosoc Nurs Ment Health Serv** 1985 Jul;23(7):24-32

Self-help groups. Can they help? Newton G. **J Psychosoc Nurs Ment Health Serv** 1984 Jul;22(7):27-31

Gingerbread: self-help for one-parent families. Kaufman J. **J R Soc Med** 1985;78 Suppl 8:32-3

Help for those intolerant of gluten [letter] Turner RB. **JAMA** 1985 Jul 12;254(2):231

The Harvard Group Aftercare Program: preliminary evaluation results and implementation issues. McAuliffe WE, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1985; 58:147-55

The National Eczema Society. Ardill L. **Practitioner** 1984 Nov;228(1397):1059-62

[Problems of prognosis assessment in participation of alcoholics in self-help groups] Pfrang H, et al. **Soc Psychiatry** 1985;20(1):43-52 (Eng. Abstr.) **(Ger)**

[Educational role of social organizations in the training of students of pediatrics] Voropaeva NM, et al. **Pediatriia** 1985 Feb;(2):62-5 **(Rus)**

METHODS

[Self-help groups--the idea of self-help and the concept of discussion self-help groups] Daum KW. **Psychiatr Prax** 1984 Sep;11(5):157-62 (Eng. Abstr.) **(Ger)**

ORGANIZATION & ADMINISTRATION

Family-focused services for children with rare disorders, exemplified by bladder exstrophy. A Norwegian national health program. Vandvik IH, et al. **Clin Pediatr (Phila)** 1985 Feb;24(2):97-100

Eating disorders: self-help and treatment in Missouri. Larocca FE, et al. **Mo Med** 1984 Dec;81(12):764-9, 773

[Possibilities of cooperation between public health departments and self-help groups] Zenker HJ. **Off Gesundheitswes** 1985 Jun;47(6):265-8 **(Ger)**

TRENDS

Community support networks: current issues. Kelner M. **Can J Public Health** 1985 May-Jun;76 Suppl 1:69-70

A national profile of self-help/self-advocacy groups of people with mental retardation. Browning P, et al. **Ment Retard** 1984 Oct;22(5):226-30

SELF-INSTRUCTION PROGRAMS see **PROGRAMMED INSTRUCTION**

SELF-INSTRUCTION PROGRAMS, COMPUTERIZED see **COMPUTER ASSISTED INSTRUCTION**

SELF MEDICATION

Use of medicinal plants by ambulatory patients in Puerto Rico. Hernández L, et al. **Am J Hosp Pharm** 1984 Oct; 41(10):2060-4

Can nicotine control panic attacks? [letter] Brodsky L. **Am J Psychiatry** 1985 Apr;142(4):524

Patients, physicians, and unproven remedies. Wasner CK. **Clin Exp Rheumatol** 1984 Jan-Mar;2(1):93-6

The use of unprescribed medicine in Warsaw during the years 1970-1980. Szyłlejko OJ. **Drug Intell Clin Pharm** 1984 Sep; 18(9):745-7

The nontherapeutic use of psychotherapeutic drugs among the college age group: the sedatives and tranquilizers. Nicholi AM Jr. **J Am Coll Health** 1984 Oct;33(2):87-90

Self-medication in Singapore. Quah SR. **Singapore Med J** 1985 Apr;26(2):123-9

[Chronic bromide poisoning (letter)] **Ned Tijdschr Geneeskd** 1985 Jun 15;129(24):1155-6 **(Dut)**

[Self-medication in rheumatologic consultation. Apropos of a study on 895 patients] Queneau P, et al. **Rev Rhum Mal Osteoartic** 1985 Feb;52(2):79-84 (Eng. Abstr.) **(Fre)**

[Approach to self medication in rheumatology. Apropos of the study of a series of 895 patients who have come for consultation in rheumatology] Queneau P, et al. **Therapie** 1984 Jul-Aug;39(4):427-31 **(Fre)**

[Increase of alcohol, tobacco and drug consumption by 19-year-old men. A cross-sectional comparison 1971-1978-1982] Sieber M, et al. **Schweiz Med Wochenschr** 1985 Jun 22;115(25):865-70 (Eng. Abstr.) **(Ger)**

ADVERSE EFFECTS

An unusual cause of tetany: surreptitious use of furosemide. Kaufmann H, et al. **Mt Sinai J Med (NY)** 1984 Sep; 51(5):625-8

[Laurel allergy. Cause, effect and sequelae of the external application of a so-called nature remedy] Hausen BM. **Dtsch Med Wochenschr** 1985 Apr 19;110(16):634-8 (Eng. Abstr.) **(Ger)**

METHODS

Street pharmacology: uses of cocaine and heroin in the treatment of addiction. Hunt DE, et al. **Drug Alcohol Depend** 1984 Jul;13(4):375-87

PSYCHOLOGY

Self-medication: an important aspect of primary health care. Abosede OA. **Soc Sci Med** 1984;19(7):699-703

SELF MUTILATION

Subcutaneous emphysema: a new form of self abuse. McGraw ME, et al. **Arch Dis Child** 1984 Oct;59(10):990-2

Medical management of self-enucleation. Khan JA, et al. **Arch Ophthalmol** 1985 Mar;103(3):386-9

Self-inflicted corneal injuries in children with congenital corneal anaesthesia. Trope GE, et al. **Br J Ophthalmol** 1985 Jul;69(7):551-4

Intraperitoneal foreign bodies passed via the umbilicus. Watson RJ. **Injury** 1985 Jul;16(7):491-2

Animal models of self-destructive behavior and suicide. Crawley JN, et al. **Psychiatr Clin North Am** 1985 Jun; 8(2):299-310 (67 ref.)

[An unusual case of self-mutilation] Zindr V, et al. **Cesk Psychiatr** 1985 Apr;81(2):103-5 (Eng. Abstr.) **(Cze)**

[Automanipulation of disease. Self-induced, aggravated, simulated disease and automutilation] Scharfetter C. **Schweiz Med Wochenschr** 1984 Aug 25;114(34):1142-9 (Eng. Abstr.) **(Ger)**

CHEMICALLY INDUCED

Self-destructive behavior in a patient taking trazodone [letter] Perse T, et al. **Am J Psychiatry** 1984 Dec; 141(12):1646-7

Alprazolam and hostility [letter] Rapaport M, et al. **Am J Psychiatry** 1985 Jan;142(1):146

COMPLICATIONS

Gross facial bone destruction following trigeminal rhizotomy. Hurst G. **J Laryngol Otol** 1984 Nov;98(11):1157-9

[Pathomimesis] Verbenko EV, et al.

Vestn Dermatol Venerol 1984 Aug;(8):51-4 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Artefactual breast disease: a report of three cases. Rosenberg MW, et al. **Br J Surg** 1985 Jul;72(7):539-41

Proposal for a distinctive diagnosis: the deliberate self-harm syndrome (DSH). Kahan J, et al. **Suicide Life Threat Behav** 1984 Spring;14(1):17-35

DRUG THERAPY

Naloxone abolishes self-injuring in a mentally retarded child [letter] Sandyk R. **Ann Neurol** 1985 May;17(5):520

Pharmacological treatment of self-injurious behavior in mentally retarded persons. Singh NN, et al. **J Autism Dev Disord** 1985 Sep;15(3):257-67 (48 ref.)

[Use of baclofen in a patient with severe self mutilation] Rousselot Y, et al. **Ann Med Psychol (Paris)** 1984 Dec; 142(10):1312-8 (Eng. Abstr.) **(Fre)**

ETIOLOGY

Oedipism and Down's syndrome: case report and review of the literature. Kinnas SJ, et al. **Ann Ophthalmol** 1985 Jul; 17(7):431-3

Self-inflicted injuries in childhood. A review and diagnostic approach. Putnam N, et al. **Clin Pediatr (Phila)** 1985 Sep; 24(9):514-8

Clinical manifestations of congenital insensitivity of the hand and classification of syndromes. Gwathmey FW, et al. **J Hand Surg [Am]** 1984 Nov;9(6):863-9

Neonatal-6-hydroxydopamine treatment: model of susceptibility for self-mutilation in the Lesch-Nyhan syndrome. Breese GR, et al. **Pharmacol Biochem Behav** 1984 Sep;21(3):459-61

METABOLISM

Dopaminergic receptor supersensitivity in self-mutilatory behaviour of Lesch-Nyhan disease [letter] Casas-Bruge M, et al. **Lancet** 1985 Apr 27;1(8435):991-2

The biochemical basis of the behavioral disorder in the Lesch-Nyhan syndrome. Baumeister AA, et al. **Neurosci Biobehav Rev** 1985 Summer;9(2):169-78 (144 ref.)

OCCURRENCE

Self-mutilation and contagion: an empirical test. Walsh BW, et al. **Am J Psychiatry** 1985 Jan;142(1):119-20

[Survey on self mutilation in adults in psychiatric milieu (apropos of 90 cases)] Bourgeois M, et al. **Ann Med Psychol (Paris)** 1984 Dec;142(10):1287-95 **(Fre)**

[Autoaggressive behavior of the mentally retarded--results of a survey] Wallner T. **Rehabilitation (Stuttg)** 1984 Nov; 23(4):160-2 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Self-mutilation and private accident insurance. Bonte W. **J Forensic Sci** 1983 Jan;28(1):70-82

Autoenucleation. Krauss HR, et al. **Surv Ophthalmol** 1984 Nov-Dec;29(3):179-87

[Rare case of multiple self-inflicted injuries] Matveenko IuV, et al. **Sud Med Ekspert** 1984 Oct-Dec;27(4):55-6 **(Rus)**

PHYSIOPATHOLOGY

Self-mutilation in Lesch-Nyhan disease is caused by dopaminergic denervation [letter] Goldstein M, et al. **Lancet** 1985 Feb 9;1(8424):338-9

Increase of self-mutilation behavior in forelimb deafferented rats, following stimulation of the dorsal raphe nucleus. Souteyrand JP, et al. **Neurosci Lett** 1985 Mar 15; 54(2-3):135-9

Autotomy following limb denervation: effects of previous exposure to neurectomy. Rabin AG, et al. **Pain** 1985 Feb; 21(2):105-15

Autotomy following limb denervation: effects of sparing selected afferents. Rabin AG, et al. **Pain** 1985 Feb; 21(2):117-28

PREVENTION & CONTROL

Semi-fixed appliance to treat injurious lip habit: report of case. Jasmin JR. **ASDC J Dent Child** 1985 May-Jun; 52(3):188-90

Reducing self-injury and corresponding self-restraint through the strategic use of protective clothing. Silverman K, et al. **J Appl Behav Anal** 1984 Winter;17(4):545-52

Lip injury guard. Robins MK, et al. **J Prosthet Dent** 1985 Mar;53(3):439-40

Psychodynamics and psychotherapeutic management of the self-destructive character-disordered patient. Silver D. **Psychiatr Clin North Am** 1985 Jun;8(2):357-75 (66 ref.)

PSYCHOLOGY

Suicide attempted by self-immolation during adolescence. I. Literature review, case reports, and personality precursors. Stoddard FJ, et al. **Adolesc Psychiatry** 1985; 12:251-65

Implications of sensory stimulation in self-destructive behavior. Edelson SM. **Am J Ment Defic** 1984 Sep; 89(2):140-5

Self-injurious behavior and stereotypy in an institutionalized mentally retarded population. Barron JL, et al. **Appl Res Ment Retard** 1984;5(4):499-511

Non-accidental injury in children: two cases of concealment of self injury. Benians R, et al. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1583-4

Self-inflicted burns: a 5-year retrospective study. Davidson TI, et al. **Burns Incl Therm Inj** 1985 Feb;11(3):157-60

Munchausen's syndrome: a new variety of bleeding type-self-inflicted cheilorrhagia and cheilitis glandularis. Michalowski R. **Dermatologica** 1985;170(2):93-7

The psychiatric significance of dermatitis artefacta. Haenel T, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(1):38-41

Self-inflicted ocular removal by two psychiatric inpatients. Eisenhauer GL. **Hosp Community Psychiatry** 1985 Feb; 36(2):189-91

Dermatitis artefacta. Van Moffaert M, et al. **Int J Dermatol** 1985 May;24(4):236-8

Respondent conditioning of self-injurious behavior in early socially deprived rhesus monkeys (Macaca mulatta). Gluck JP, et al. **J Abnorm Psychol** 1985 May;94(2):222-6

Self-destructive dermatoses. Doran AR, et al. **Psychiatr Clin North Am** 1985 Jun;8(2):291-8 (48 ref.)

Self and other directed violence on a closed acute-care ward. Myers KM, et al. **Psychiatr Q** 1984 Fall;56(3):178-88

The developmental roots of self-injury and response to pain in a 4-year-old boy. Kennedy H, et al. **Psychoanal Study Child** 1984;39:195-212

Suicidal intent and repeated self-harm. Pierce D. **Psychol Med** 1984 Aug;14(3):655-9

Self-mutilation. Hansen J. **Scand J Plast Reconstr Surg** 1984; 18(3):327-30

Psychological models of self-mutilation. Bennun I. **Suicide Life Threat Behav** 1984 Fall;14(3):166-86

Nonpsychotic genital self-mutilation. Wan SP, et al. **Urology** 1985 Sep;26(3):286-7

[Reflections about self mutilation in the army. Apropos of several recent cases] Bazot M, et al. **Ann Med Psychol (Paris)** 1984 Dec;142(10):1295-302 **(Fre)**

[Red and Lenoir. Self mutilation and depression] De Praingy M, et al. **Ann Med Psychol (Paris)** 1984 Dec;142(10):1302-7 **(Fre)**

[Self mutilation: frontiers and meanings] Lacenaire M, et al. **Ann Med Psychol (Paris)** 1984 Dec;142(10):1283-7 **(Fre)**

[Differential approach of self mutilation and self offending behaviors from the point of view of object relation and defense mechanisms] Scharbach H. **Ann Med Psychol (Paris)** 1984 Dec;142(10):1318-31 **(Fre)**

[Self-manipulated disease] Scharfetter C. **Dtsch Med Wochenschr** 1985 Apr 26;110(17):685-7 **(Ger)**

[Multiple tics and auto-aggressive behavior. A case of secondary neurotization in post-vaccinal encephalopathy] Vogel C. **Prax Kinderpsychol Kinderpsychiatr** 1984 Jul; 33(5):188-91 (Eng. Abstr.) **(Ger)**

[Self mutilation of external genitalia by men] Sanecka B. **Psychiatr Pol** 1984 Sep-Oct;18(5):507-10 **(Pol)**

REHABILITATION

Flexible arm splints in the control of a Lesch-Nyhan victim's finger biting and a profoundly retarded client's finger sucking. Ball TS, et al. **J Autism Dev Disord** 1985 Jun; 15(2):177-84

THERAPY

Suicide attempted by self-immolation during adolescence. II. Psychiatric treatment and outcome. Stonddard FJ, et al. **Adolesc Psychiatry** 1985;12:266-80

Deceleration of self-injurious and stereotypic responding by exercise. Baumeister AA, et al. **Appl Res Ment Retard** 1984; 5(3):385-93

Effects of gross motor activities on the severe self-injurious tantrums of multihandicapped individuals. Lancioni GE, et al. **Appl Res Ment Retard** 1984;5(4):471-82

Treatment of self-injurious behavior. Contingent versus noncontingent positive practice overcorrection. Gibbs JW, et al. **Behav Modif** 1985 Jan;9(1):3-21

Generalization and maintenance of the reduction of self-injurious behavior maintained by two types of reinforcement. Heidorn SD, et al. **Behav Res Ther** 1984; 22(5):581-6

Parental ratings of treatments of self-injurious behavior. Pickering D, et al. **J Autism Dev Disord** 1985 Sep; 15(3):303-14

Reduction of self-injurious behavior in an autistic girl using a multifaceted treatment program. Jenson WR, et al. **J Behav Ther Exp Psychiatry** 1985 Mar;16(1):77-80

Reduction of eye gouging using a response interruption procedure. Slifer KJ, et al. **J Behav Ther Exp Psychiatry** 1984 Dec;15(4):369-75

Treatment package to reduce SIB in a Lesch-Nyhan patient. Wurtele SK, et al. **J Ment Defic Res** 1984 Sep;28 (Pt 3):227-34

[Behavior therapies in self mutilation] Gayda M, et al. **Ann Med Psychol (Paris)** 1984 Dec;142(10):1307-11 **(Fre)**

SELF PERCEPTION see **SELF CONCEPT**

SELF STIMULATION

Implications of sensory stimulation in self-destructive behavior. Edelson SM. **Am J Ment Defic** 1984 Sep; 89(2):140-5

Self-stimulation of an 'aversive' brain structure: the mesencephalic central gray area. Cazala P, et al. **Brain Res** 1985 Feb 18;327(1-2):53-60

[Supplementation of antenatal cardiotocography (nonstress test) by nipple self stimulation] Csapó Z, et al. **Zentralbl Gynakol** 1985;107(11):670-9 (Eng. Abstr.) **(Ger)**

DRUG EFFECTS

Psychopharmacological profile of cholecystokinin using the self-stimulation and the drug discrimination paradigms. De Witte P, et al. **Ann NY Acad Sci** 1985;448:470-87

Sensitization to the effects of repeated amphetamine administration on intracranial self-stimulation: evidence for changes in reward processes. Predy PA, et al. **Behav Brain Res** 1984 Sep;13(3):251-9

6-OHDA lesions of the ventral tegmental area block morphine-induced but not amphetamine-induced facilitation of self-stimulation. Hand TH, et al. **Brain Res** 1985 Mar 4;328(2):233-41

Prevention of stressor-induced disturbances of self-stimulation by desmethylimipramine. Zacharko RM, et al. **Brain Res** 1984 Oct 29;321(1):175-9

Intracranial self-administration of the endocoid methionine-enkephalin. Goeders NE, et al. **J Am Osteopath Assoc** 1984 Sep;84(1 Suppl):148-51

Long-term desipramine treatment attenuates clonidine-induced suppression of ventral tegmental self-stimulation. Aulakh CS, et al. **Life Sci** 1985 Feb 4; 36(5):443-7

Long-term changes in self-stimulation threshold by repeated morphine and naloxone treatment. van Wolfswinkel L, et al. **Life Sci** 1985 Jul 15;37(2):169-76

Selected opioids and responding for intracranial reinforcement. Reid LD, et al. **Neuropeptides** 1985 Feb; 5(4-6):331-4

Anxiety, anxiolytics and brain stimulation reinforcement. Liebman JM. **Neurosci Biobehav Rev** 1985 Spring; 9(1):75-86 (104 ref.)

Microinjections of nanogram amounts of sulfated cholecystokinin octapeptide into the rat nucleus accumbens attenuates brain stimulation reward. Vaccarino FJ, et al. **Neurosci Lett** 1984 Nov 23;52(1-2):61-6

ACTH1-24 effects on d-amphetamine self-administration and the dynamics of brain dopamine in rats. Leccese AP, et al. **Peptides (Fayetteville)** 1984 Jul-Aug;5(4):659-64

Differential effects of pimozide on response-rate and choice accuracy in a self-stimulation paradigm in mice. Bowers W, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):521-6

Self-regulation of ICSS duration: effects of anxiogenic substances, benzodiazepine antagonists and antidepressants. Gerhardt S, et al. **Pharmacol Biochem Behav** 1985 Jan; 22(1):71-6

Dopaminergic agents including 3-PPP and its enantiomers on medial septal self-stimulation. Gower AJ, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):309-15

The effects of the beta-carboline FG 7142, on intracranial self-stimulation in the rat. Pellow S, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):667-9

Chronic naltrexone treatment increases the heroin-produced facilitation of self-stimulation. Schenk S, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):175-7

Effects of concomitant pentazocine and tripelennamine on brain-stimulation reward. Unterwald EM, et al. **Pharmacol Biochem Behav** 1984 Dec;21(6):961-4

Effects of naloxone and chlordiazepoxide on lateral hypothalamic self-stimulation in rats. Ichitani Y, et al. **Physiol Behav** 1985 May;34(5):779-82

beta-Phenylethylamine and reinforcement. Greenshaw AJ. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):615-20

Effects of nicotine and d-amphetamine on intracranial self-stimulation in a shuttle box test in rats. Clarke PB, et al. **Psychopharmacology (Berlin)** 1984;84(1):109-14

Comparative effects of beta 2-adrenoceptor agonists on intracranial self-stimulation, Sidman avoidance, and motor activity in rats. Liebman JM, et al. **Psychopharmacology (Berlin)** 1984;84(3):336-41

The discriminative stimulus properties and detection thresholds of intracranial self-stimulation: effects of d-amphetamine, morphine, and haloperidol. Schaefer GJ, et al. **Psychopharmacology (Berlin)** 1985;85(3):289-94

[Effects of psychotropic drugs on lateral hypothalamic self-stimulation behavior in rats: correlation between self-stimulation behavior inhibition and striatal dopaminergic blockade by neuroleptic drugs] Fukuda T, et al. **Nippon Yakurigaku Zasshi** 1984 Jun;83(6):485-96 (Eng. Abstr.) **(Jpn)**

[Effect of amantadine on intracranial self-stimulation behavior and cerebral glucose utilization in rats] Gomita Y, et al. **Nippon Yakurigaku Zasshi** 1984 Nov;84(5):429-39 (Eng. Abstr.) **(Jpn)**

[Role of noradrenaline in the synaptic processes in individual hippocampal neurons under self stimulation] Belyi VP, et al. **Fiziol Zh SSSR** 1984 Oct;70(10):1421-8 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

The effects of feeding and fasting on self-stimulation. Angyán L. **Acta Physiol Hung** 1984;63(3-4):185-95

Current-distance relation for rewarding brain stimulation. Fouriezos G, et al. **Behav Brain Res** 1984 Oct;14(1):85-9

Electrical self-stimulation of dentate gyrus granule cells. Collier TJ, et al. **Behav Neural Biol** 1984 Sep;42(1):85-90

The temporal structure of motivation. V. A within-episodes analysis of priming and provocation. Wagner JA, et al. **Behav Neural Biol** 1984 Jul;41(2):217-22

The temporal structure of reinforcement: VI. Local determinants of response topography as determined by analysis of interresponse times. Katz RJ, et al. **Behav Neurosci** 1984 Dec;98(6):986-1003

A response-specific conditioned aversion to rewarding hypothalamic stimulation in rats. Greenshaw AJ, et al. **Brain Res** 1985 Jul 22;339(1):130-5

Comparison of deficits in electrical self-stimulation after ibotenic acid lesion of the lateral hypothalamus and the medial prefrontal cortex. Nassif S, et al. **Brain Res** 1985 Apr 22;332(2):247-57

Hippocampus modulates self-stimulation reward from the ventral tegmental area in the rat. Van Wolfswinkel L, et al. **Brain Res** 1984 Nov 19;322(1):162-6

Cholinergic involvement in lateral hypothalamic rewarding brain stimulation. Yeomans JS, et al. **Brain Res** 1985 Mar 11;329(1-2):19-26

Lateral hypothalamic self-stimulation persists in rats after destruction of lateral hypothalamic neurons by kainic acid or ibotenic acid. Sprick U, et al. **Neurosci Lett** 1985 May 14;56(2):211-6

Unilateral lesion of the intrinsic cells in the medial forebrain bundle depresses self-stimulation but not stimulus-bound locomotor activity. Velley L. **Neurosci Lett** 1985 Jun 12; 57(2):199-204

Selective neonatal depletion of dopamine has no effect on medial prefrontal cortex self-stimulation in the rat. Umemoto M, et al. **Neurosci Res** 1984 Oct;1(5):295-307

Electrical self-stimulation deficits in the anterior and posterior parts of the medial forebrain bundle after ibotenic acid lesion of the middle lateral hypothalamus. Lestang I, et al. **Neuroscience** 1985 Jun;15(2):379-88

Antepartal uterine hypercontractility secondary to nipple stimulation. Schellpfeffer MA, et al. **Obstet Gynecol** 1985 Apr;65(4):588-91

Effects of intracranial self-stimulation on brain opioid peptides. Stein EA. **Peptides (Fayetteville)** 1985 Jan-Feb; 6(1):67-73

Both response effort and current intensity affect self-stimulation train duration thresholds. Frank RA, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):527-30

Hippocampal stimulation limits performance but does not retard acquisition of food-reinforced learning. Caudarella M, et al. **Physiol Behav** 1984 May;32(5):895-8

Electrical self-stimulation of the mesencephalic central gray area: facilitation by lateral hypothalamic stimulation. Cazala P. **Physiol Behav** 1984 May;32(5):771-7

An investigation of the factors affecting development of frontal cortex self-stimulation. Corbett D, et al. **Physiol Behav** 1985 Jan;34(1):89-95

Lateralized rewarding brain stimulation affects forepaw preference in rats. Hernandez-Mesa N, et al. **Physiol Behav** 1985 Apr;34(4):495-9

Visual evoked potentials and nociceptive thresholds in high and low self-stimulators. Levin D, et al. **Physiol Behav** 1984 May;32(5):887-9

Intracranial self-stimulation after paradoxical sleep deprivation induced by the platform method in rats. Marti-Nicolovius M, et al. **Physiol Behav** 1984 Aug; 33(2):165-7

Ventral tegmental self-stimulation, sensory reactivity and pain reduction in rats selected for high and low rates of lateral hypothalamic self-stimulation. Moreau JL, et al. **Physiol Behav** 1984 Nov;33(5):825-30

Differential behavioral responsiveness to ipsilateral and contralateral visual stimuli produced by unilateral rewarding hypothalamic stimulation in the rat. Nakahara D, et al. **Physiol Behav** 1984 Jun;32(6):1005-10

Interactions between aversive and rewarding effects of hypothalamic stimulations. Schmitt P, et al. **Physiol Behav** 1984 Apr;32(4):617-27

Subject control as a determinant of the reinforcing properties of intracranial stimulation. Tsang WK, et al. **Physiol Behav** 1984 May;32(5):795-802

Self-deprivation: a review. Frank RA, et al. **Psychol Bull** 1984 Sep;96(2):384-93 (56 ref.)

[Objective manifestations of a functional system of behavior aimed at obtaining positive emotional reinforcement] Belyi VP, et al. **Vestn Akad Med Nauk SSSR** 1985;(2):29-35 (Eng. Abstr.) **(Rus)**

[Autonomic correlates of the formation of a functional self-stimulation system] Belyi VP, et al. **Zh Vyssh Nerv Deiat** 1985 Jan-Feb;35(1):125-31 (Eng. Abstr.) **(Rus)**

[Relation between the frequency of self stimulation and stimulus duration and its correlation with the duration preferred by the animal] Belyi VP, et al. **Zh Vyssh Nerv Deiat** 1984 Jul-Aug;34(4):685-93 (Eng. Abstr.) **(Rus)**

[Multi-channel self-stimulation of brain structures in a controlled experiment] Mogilevskii AIa, et al. **Zh Vyssh Nerv Deiat** 1984 Sep-Oct;34(5):988-93 **(Rus)**

[Effect of ambient temperature on self-stimulation frequency and seizure development in the white rat] Pol'shin VV. **Zh Vyssh Nerv Deiat** 1985 Jan-Feb;35(1):176-7 **(Rus)**

SELLA TURCICA

see related

EMPTY SELLA SYNDROME

CT and angiography of primary extradural juxtasellar tumors. Moore T, et al. **AJR** 1985 Sep;145(3):491-6

Cushing's disease associated with an intrasellar gangliocytoma producing corticotrophin-releasing factor. Asa SL, et al. **Ann Intern Med** 1984 Dec;101(6):789-93

Normalization of thyroid stimulating hormone levels in acromegalic patients after selective adenomectomy. Tsuchiya H, et al. **Endocrinol Jpn** 1984 Dec;31(6):687-95

A unique case of neurosarcoidosis with pineal and suprasellar involvement: CT and pathological demonstration. Wall MJ, et al. **J Comput Assist Tomogr** 1985 Mar-Apr;9(2):381-3

Suprasellar peri-infundibular ectopic adenohypophysis in fetal and adult brains. Hori A. **J Neurosurg** 1985 Jul; 63(1):113-5

Hyperprolactinemic amenorrhea induced by an intrasellar epithelial cyst. Buonaguidi R, et al. **J Nucl Med Allied Sci** 1984 Apr-Jun;28(2):123-8

Massive preoperative pulmonary embolism and suprasellar brain tumor: case report and review of the literature. Sawaya R, et al. **Neurosurgery** 1984 Oct;15(4):566-71

Suprasellar germinoma occurring two years after total removal of pineal teratoma. Nagasawa S, et al. **Surg Neurol** 1984 Nov;22(5):481-5

[Possibilities and limits of microsurgery of tumors of the sellar region. Meningiomas, craniopharyngiomas] Probst C. **Schweiz Rundsch Med Prax** 1984 Aug 7;73(32):982-6 (Eng. Abstr.) **(Ger)**

ANATOMY & HISTOLOGY

The nasion-sella reference line in cephalometry: a methodologic study. Pancherz H, et al. **Am J Orthod** 1984 Nov;86(5):427-34

INJURIES

Fracture of the sella turcica. Kojima T, et al. **Neurosurgery** 1985 Feb;16(2):225-9

[Pathogenetic considerations on traumatic lesions of the base of the skull: fracture of the back of the sella] Tamarozzi R, et al. **Radiol Med (Torino)** 1984 Jan-Feb;70(1-2):50-1 **(Ita)**

PATHOLOGY

Nuclear magnetic resonance imaging of the region of the sella turcica. Huk WJ, et al. **Neurosurg Rev** 1985; 8(3-4):141-50

Pathology of the pituitary and sellar region: exclusive of pituitary adenoma. Scheithauer BW. **Pathol Annu** 1985;20 Pt 1:67-155 (388 ref.)

Sellar and juxtasellar lesion detection with MR. Lee BC, et al. **Radiology** 1985 Oct;157(1):143-7

RADIOGRAPHY

Functional evaluation of the adenohypophysis with metoclopramide in hyperprolactinemic-amenorrheic women in relation to radiological findings on the sella turcica. Seki K, et al. **Endocrinol Jpn** 1984 Dec;31(6):733-9

Radiological abnormalities in sella turcica in patients with chronic obstructive pulmonary disease. Gupta RC, et al. **Indian J Chest Dis Allied Sci** 1984 Apr-Jun;26(2):83-6

[The sella turcica with a large dorsum] Bregeat P, et al. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1115-7 **(Fre)**

[Tomodensitometry of the sellar region] Louis O, et al. **J Belge Radiol** 1984;67(2):113-20 (Eng. Abstr.) **(Fre)**

[Computed tomography of the sella turcica contents in the transverse and frontal planes] Lovrenčić M, et al. **ROFO** 1984 Oct;141(4):417-22 (Eng. Abstr.) **(Ger)**

[Neuroradiology of the sellar region] Schubiger O. **Schweiz Rundsch Med Prax** 1984 Aug 14;73(33):1007-18 (36 ref.) (Eng. Abstr.) **(Ger)**

SURGERY

Plasma vasopressin, cortisol, and growth hormone concentrations in relation to surgery in the suprasellar region. Soelberg Sørensen P, et al. **Acta Med Scand** 1984; 216(1):31-9

SEMANTIC DIFFERENTIAL

Verbal responses to human figure paintings: a test of the uncertainty hypothesis. Heinrichs RW. **Can J Psychol** 1984 Sep;38(3):512-8

The prediction of semantic consistency in self-descriptions: characteristics of persons and of terms that affect the consistency of responses to synonym and antonym pairs. Goldberg LR, et al. **J Pers Soc Psychol** 1985 Jan; 48(1):82-98

Use of the semantic differential technique in research on disaster: a methodological note. Piotrowski C. **Psychol Rep** 1985 Apr;56(2):527-30

Psychoanalytic concepts of eating disorders: an empirical approach with a semantic differential (Ertel). Tschuschke V, et al. **Psychother Psychosom** 1984;42(1-4):127-32

A semantic differential measure of attitudes toward black American patients. Morgan BS. **Res Nurs Health** 1984 Sep; 7(3):155-62

Comparison of perceptual dimensions uncovered from infant-cry signals using the method of pair-comparisons and the semantic differential. Brennan M, et al. **Scand J Psychol** 1985;26(1):12-20

[Semantic scales for the evaluation of noise (II). Subjacent dimensions in subjective judgments of sound stimuli] Verzini de Romera AM, et al. **Acta Psiquiatr Psicol Am Lat** 1984 Dec;30(4):265-73 (Eng. Abstr.) **(Spa)**

[Osgood's semantic differential in neurotics] Ortiz Zabala M, et al. **Actas Luso Esp Neurol Psiquiatr** 1985 Jan-Feb; 13(1):43-52 (Eng. Abstr.) **(Spa)**

SEMANTICS

Typing letter strings varying in orthographic structure. Massaro DW, et al. **Acta Psychol (Amst)** 1984 Oct; 57(2):109-31

Aphasia with exclusively consonant-vowel recurring utterances: tan-tan revisited. de Bleser R, et al. **Adv Neurol** 1984;42:51-7

Word order processing in aphasia: effect of verb semantics. Jones EV. **Adv Neurol** 1984;42:159-81

Sentence comprehension and production in aphasia: an application of lexical grammar. Lesser R. **Adv Neurol** 1984; 42:193-201

Semantic processing and serial learning by EMR adolescents. Glidden LM, et al. **Am J Ment Defic** 1985 May; 89(6):635-41

Differences in semantic processing speed of mentally retarded and nonretarded persons. Merrill EC. **Am J Ment Defic** 1985 Jul;90(1):71-80

Saccade-related brain potentials in semantic categorization tasks. Marton M, et al. **Biol Psychol** 1985 May;20(3):163-84

Evidence of unconscious semantic processing from a forced error situation. Groeger JA. **Br J Psychol** 1984 Aug;75 (Pt 3):305-14

Category specific semantic impairments. Warrington EK, et al. **Brain** 1984 Sep;107 (Pt 3):829-54

The effect of context during word perception in schizophrenic patients. Done DJ, et al. **Brain Lang** 1984 Nov;23(2):318-36

Some neurolinguistic implications of prearticulatory editing in production. Garnsey SM, et al. **Brain Lang** 1984 Sep; 23(1):64-73

The occurrence of paraphasias in the spontaneous speech of children with an acquired aphasia. Visch-Brink EG, et al. **Brain Lang** 1984 Nov;23(2):258-71

Automatic processing of word meaning: intralingual and interlingual interference. Goodman GS, et al. **Child Dev** 1985 Feb;56(1):103-18

Intellectual realism: the role of children's interpretations of pictures and perceptual verbs. Pillow BH, et al. **Child Dev** 1985 Jun;56(3):664-70

Differences in the late components of the event-related potential due to age and to semantic and non-semantic tasks. Harbin TJ, et al **Electroencephalogr Clin Neurophysiol** 1984 Nov; 59(6):489-96

Neurocybernetic basis of semantic processes. Restian A. **Int J Neurosci** 1984 Nov;24(3-4):185-96

Influence of following context on perception of the voiced-voiceless distinction in syllable-final stop consonants. Repp BH, et al. **J Acoust Soc Am** 1985 Aug; 78(2):445-57

On some clinical implications of action language. Spence DP. **J Am Psychoanal Assoc** 1982;30(1):169-84

Effects of localized lesions on the Verbal Concept Attainment Test. Bornstein RA, et al. **J Clin Exp Neuropsychol** 1985 Aug;7(4):421-9

Age-related decrements in Stroop Color Test performance. Cohn NB, et al. **J Clin Psychol** 1984 Sep;40(5):1244-50

Normativity in 18th century discourse on speech. MacNamee T. **J Commun Disord** 1984 Nov;17(6):407-23

More and more and more about more. Gathercole VC. **J Exp Child Psychol** 1985 Aug;40(1):73-104

Free recall of concrete and abstract words in poor and normal readers. Vellutino FR, et al. **J Exp Child Psychol** 1985 Apr; 39(2):363-80

A horse race of a different color: Stroop interference patterns with transformed words. Dunbar K, et al. **J Exp Psychol [Hum Percept]** 1984 Oct;10(5):622-39

Lexical access during eye fixations in reading: effects of word-initial letter sequence. Lima SD, et al. **J Exp Psychol [Hum Percept]** 1985 Jun;11(3):272-85

A secondary-task analysis of a word familiarity effect. Proctor JD, et al. **J Exp Psychol [Hum Percept]** 1985 Jun; 11(3):286-303

Effects of priming in word retrieval. Bowles NL, et al. **J Exp Psychol [Learn Mem Cogn]** 1985 Apr;11(2):272-83

Semantic activation of noun concepts in context. Whitney P, et al. **J Exp Psychol [Learn Mem Cogn]** 1985 Jan; 11(1):126-35

Age of acquisition and meaningfulness as predictors of word availability. Baumeister AA. **J Gen Psychol** 1985 Jan; 112(1):109-12

Aging and retrieval of words in semantic memory. Bowles NL, et al. **J Gerontol** 1985 Jan;40(1):71-7

Automatic and controlled semantic priming: accuracy, response bias, and aging. Chiarello C, et al. **J Gerontol** 1985 Sep;40(5):593-600

Verb usage by educable mentally retarded children. Rom A. **J Ment Defic Res** 1985 Jun;29 (Pt 2):165-72

Cross-cultural examination of the semantic dimensions of body postures. Kudoh T, et al. **J Pers Soc Psychol** 1985 Jun;48(6):1440-6

Cocaine recovery support groups and the language of recovery. Ehrlich P, et al. **J Psychoactive Drugs** 1985 Jan-Mar;17(1):11-7

The effect of factivity on lexical retrieval and postlexical processes during eye fixations in reading. Inhoff AW. **J Psycholinguist Res** 1985 Jan;14(1):45-56

Electrophysiological correlates of semantic features. Molfese DL. **J Psycholinguist Res** 1985 May;14(3):289-99

Relative translucency of ASL signs representing three semantic classes. Page JL. **J Speech Hear Disord** 1985 Aug;50(3):241-7

Role of inversion in children's question development. Klee T. **J Speech Hear Res** 1985 Jun;28(2):225-32

Homonymy and the voiced-voiceless distinction in the speech of children with specific language impairment. Leonard LB, et al. **J Speech Hear Res** 1985 Jun;28(2):215-24

Effects of linguistic and extralinguistic context on semantic and syntactic processing in aphasia. Pierce RS, et al. **J Speech Hear Res** 1985 Jun;28(2):250-4

The definition of euthanasia. Leenen HJ. **Med Law** 1984;3(4):333-8

The use of morphosemantic regularities in the medical vocabulary for automatic lexical coding. Wolff S. **Methods Inf Med** 1984 Oct;23(4):195-203

Hierarchy of stimuli and of semantic divergent techniques in rehabilitation of aphasics. Ogrezeanu V, et al. **Neurol Psychiatr (Bucur)** 1984 Oct-Dec;22(4):223-35

The semantic deficit in aphasia: the relationship between semantic errors in auditory comprehension and picture naming. Butterworth B, et al. **Neuropsychologia** 1984;22(4):409-26

Brain potentials during sentence verification: late negativity and long-term memory strength. Fischler I, et al. **Neuropsychologia** 1984;22(5):559-68

Hemispheric asymmetry in use of semantic category information. Hines D, et al. **Neuropsychologia** 1984;22(4):427-33

Cognitive risk-taking after frontal or temporal lobectomy--II. The synthesis of phonemic and semantic information. Miller L, et al. **Neuropsychologia** 1985;23(3):371-9

Event-related potentials associated with the discrimination of acoustic and semantic aspects of speech. Novick B, et al. **Neuropsychologia** 1985;23(1):87-101

Event-related potentials and the phonological processing of words and non-words. Rugg MD. **Neuropsychologia** 1984;22(4):435-43

Pain assessment: differences in quality and intensity of the words pain, ache and hurt. Gaston-Johansson F. **Pain** 1984 Sep;20(1):69-76

Verbal and modality-specific coding in inter- and intra-modal matching among children and adults. Ittyerah M. **Percept Mot Skills** 1984 Dec;59(3):797-8

The limits of verbal pain descriptors. Nehemkis AM, et al. **Percept Mot Skills** 1984 Aug;59(1):251-4

Validation of a nonverbal instrument for pain location descriptions in children. O'Donnell PJ, et al. **Percept Mot Skills** 1985 Jun;60(3):1010

Death anxiety as a semantic conditioned suppression paradigm. Persinger MA. **Percept Mot Skills** 1985 Jun;60(3):827-30

Lexical ambiguity and its role in models of word recognition. Simpson GB. **Psychol Bull** 1984 Sep;96(2):316-40 (77 ref.)

Marijuana effects on semantic memory: verification of common and uncommon category members. Block RI, et al. **Psychol Rep** 1984 Oct;55(2):503-12

Semantic, evaluative, and self-referent processing: memory, cognitive effort, and somatovisceral activity. Cacioppo JT, et al. **Psychophysiology** 1985 Jul;22(4):371-84

The neuropsychology of writing and spelling: semantic, phonological, motor, and perceptual processes. Margolin DI. **Q J Exp Psychol [A]** 1984 Aug;36(3):459-89

A study of braille reading: 1. Reading speed as a function of hand usage and context. Mousty P, et al. **Q J Exp Psychol [A]** 1985 May;37(2):217-33

Visual-field differences for a number--non-number classification of alphabetic and ideographic stimuli. Peereman R, et al. **Q J Exp Psychol [A]** 1985 May;37(2):197-216

[Test-retest reliability of category-bound word production in psychogeriatrics] Diesfeldt HF. **Tijdschr Gerontol Geriatr** 1985 Feb;16(1):17-20 (Eng. Abstr.) **(Dut)**

[Syntactic and semantic elements of sign language] Angles Rodriguez Gonzales M. **Rev Laryngol Otol Rhinol (Bord)** 1983;104(4):331-5 (Eng. Abstr.) **(Fre)**

[Experimental study of simultaneous translating: unit formation and time coordination] Bosshardt HG, et al. **Arch Psychol (Frankf)** 1985;137(3):137-57 (Eng. Abstr.) **(Ger)**

[Where is 'fast' processed faster than 'slow'? On the localization of the effect of semantic markedness in information processing] Fuchs A, et al. **Arch Psychol (Frankf)** 1984;136(1):49-61 (Eng. Abstr.) **(Ger)**

[Emotional content, imagery, concreteness and meaningfulness of 580 adjectives: contribution to the standardization and evaluation of relation hypotheses] Hager W, et al. **Arch Psychol (Frankf)** 1985;137(2):75-97 (Eng. Abstr.) **(Ger)**

[Extraction of significance from stories: a production system for the generation of macro- from microstructures] Hoppe F. **Arch Psychol (Frankf)** 1984;136(1):63-76 (Eng. Abstr.) **(Ger)**

[Limits of marker theoretical concepts] Jörg S. **Arch Psychol (Frankf)** 1985;137(3):201-17 **(Ger)**

[Speech intelligibility as dependent on prosody] Lazarus-Mainka G, et al. **Arch Psychol (Frankf)** 1985;137(3):219-32 (Eng. Abstr.) **(Ger)**

[Semantic dimensions of positive and negative affect concepts] Marx W. **Arch Psychol (Frankf)** 1985;137(2):65-73 (Eng. Abstr.) **(Ger)**

[Proposition related changes in word meaning as differential priming] Moch A. **Arch Psychol (Frankf)** 1985;137(3):159-73 (Eng. Abstr.) **(Ger)**

[Revision of predicate-centered sentence theories] Obliers R. **Arch Psychol (Frankf)** 1985;137(3):175-200 (Eng. Abstr.) **(Ger)**

[Scientific explanation as a language and its application to psychiatry] Hirschberg W. **Fortschr Neurol Psychiatr** 1985 Jun;53(6):191-200 (Eng. Abstr.) **(Ger)**

[Clinical jargon--memorabilia] Hallermann W. **Klin Monatsbl Augenheilkd** 1985 Feb;186(2):139-40 (Eng. Abstr.) **(Ger)**

[Convergence of linguistic and psychoanalytic text studies. Exemplified by a case report from the Balint group] Gutwinski-Jeggle J, et al. **Psyche (Stuttg)** 1985 Jan;39(1):23-43 (Eng. Abstr.) **(Ger)**

[Remarks on Freud's 'Note on the "Wunderblock"'] Weiss H, et al. **Z Klin Psychol Psychopathol Psychother** 1984;32(4):333-44 **(Ger)**

[Possibilities of standardized qualitative content analysis] Wiedemann PM. **Z Klin Psychol Psychopathol Psychother** 1984;32(3):197-217 (Eng. Abstr.) **(Ger)**

[Processing of negatively formulated sentences in 'formal thought disorders'. A comparative study] Funke K, et al. **Z Psychol** 1984;192(2):134-50 (Eng. Abstr.) **(Ger)**

[Interdisciplinary system versus one-sidedness, and semantics and precision of formulations in sexology] Godlewski J. **Psychiatr Pol** 1984 Jul-Aug;18(4):383-8 **(Pol)**

[Reflection of the semantic characteristics of the thinking process in the impulse activity of neurons] Bekhtereva NP. **Fiziol Zh SSSR** 1984 Jul;70(7):881-91 (31 ref.) (Eng. Abstr.) **(Rus)**

[Results of discussion on the topic: 'What is meant by primary surgical debridement of wounds?'] Kaplan AV. **Ortop Travmatol Protez** 1985 May;(5):59-64 **(Rus)**

SEMEN

see related
SPERMATOZOA

'Fig leaf' ferning and positive Nitrazine testing: semen as a cause of misdiagnosis of premature rupture of membranes [letter] McGregor JA, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1142-3

Phospholipid analyses in amniotic fluid contaminated by seminal ejaculate [letter] Sheriff DS. **Am J Obstet Gynecol** 1985 May 1;152(1):112

Some preliminary observations on the liquefaction of human semen. Mandal A, et al. **Andrologia** 1985 May-Jun;17(3):228-33

Noninfectious cofactors in susceptibility to AIDS: possible contributions of semen, HLA alloantigens, and lack of natural resistance. Shearer GM, et al. **Ann NY Acad Sci** 1984;437:49-57 (44 ref.)

Preparation of human spermatozoa for in vitro fertilization by isopycnic centrifugation on self-generating density gradients. Bolton VN, et al. **Arch Androl** 1984;13(2-3):167-76

Studies on semen collection in waterfowl by electrical stimulation. Samour HJ, et al. **Br Vet J** 1985 May-Jun;141(3):265-8

Characteristics of human ejaculates collected via masturbation and a new Silastic seminal fluid collection device. Zavos PM. **Fertil Steril** 1985 Mar;43(3):491-2

A prospective randomized study comparing fresh semen and cryopreserved semen for artificial insemination by donor. Iddenden DA, et al. **Int J Fertil** 1985;30(1):50, 55-6

Effect of epididymitis on semen quality of rams. Bagley CV, et al. **J Am Vet Med Assoc** 1984 Oct 15;185(8):876-7

Factors influencing the quantity and quality of semen harvested from bulls, rams, boars and stallions. Foote RH. **J Anim Sci** 1978;47 Suppl 2:1-11 (96 ref.)

Postcoital urticaria in a penicillin-sensitive patient. Possible seminal transfer of penicillin. Green RL, et al. **JAMA** 1985 Jul 26;254(4):531

Retrograde ejaculation: successful artificial homologous insemination [letter] Ingerslev HJ. **Lancet** 1985 Mar 2;1(8427):519

The mechanism of the ejection of a frothy fluid from the cloaca in the male turkey. Fujihara N, et al. **Poult Sci** 1985 Jul;64(7):1377-81

[Hemospermia] Iversen E, et al. **Ugeskr Laeger** 1985 Apr 8;147(15):1266-28 (Eng. Abstr.) **(Dan)**

[Cancer of the prostate revealed by hemospermia in a young man] Dumas JP, et al. **Ann Urol (Paris)** 1985;19(3):207-9 (Eng. Abstr.) **(Fre)**

ANALYSIS

Contribution of individual compartments of the genital tract to oestrogen and testosterone concentrations in ejaculates of the boar. Claus R, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):281-8

Seasonal changes of steroid concentrations in seminal plasma of a European wild boar. Schopper D, et al. **Acta Endocrinol (Copenh)** 1984 Nov;107(3):425-7

Calcium, zinc, magnesium, concentration in seminal plasma of infertile men with prostatitis. Ponchietti R, et al. **Acta Eur Fertil** 1984 Jul-Aug;15(4):283-5

Total sulfhydryl compounds in human seminal plasma [letter] Sheriff DS. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):725-6

Correlation of semen transferrin concentration and sperm fertilizing capacity. Sueldo C, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):528-31

Conception rate according to semen characteristics in a series of 15 364 insemination cycles: results of a multivariate analysis. Mayaux MJ, et al. **Andrologia** 1985 Jan-Feb;17(1):9-15

High-performance liquid chromatographic analysis of citric acid, inositol and fructose in boar and bull seminal plasma. Oefner P, et al. **Andrologia** 1985 May-Jun;17(3):250-3

Classification of the semen of the male partners of infertile Nigerian couples. Omoriah WE, et al. **Andrologia** 1985 May-Jun;17(3):257-61

Presence of several elements in normal and pathological human semen samples and its origin. Skandhan KP, et al. **Andrologia** 1984 Nov-Dec;16(6):587-8

Pregnancy proteins in seminal plasma, seminal vesicles, preovulatory follicular fluid, and ovary. Seppälä M, et al. **Ann NY Acad Sci** 1985;442:212-26

Pregnancy-associated plasma protein-A and placental protein 5 in human seminal plasma. Sinosich MJ, et al. **Ann NY Acad Sci** 1985;442:287-92

GnRH-like factors in the rat testis and human seminal plasma. Swerdloff RS, et al. **Ann NY Acad Sci** 1984;438:382-9

Semen characteristics of gossypol-treated langurs (Presbytis entellus entellus Dufresne). Bhargava SK. **Arch Androl** 1984;13(2-3):199-202

Detection and localization of placental protein 14-like protein in human seminal plasma and in the male genital tract. Julkunen M, et al. **Arch Androl** 1984;12 Suppl:59-67

Tissue polypeptide antigen immunoreactivity in human semen. Lizana J, et al. **Arch Androl** 1984;13(2-3):273-8

Bovine seminal plasma contains a low-molecular-weight factor that inhibits RNA synthesis. Lugaro G, et al. **Arch Androl** 1984;13(2-3):261-7

A new version of the 10-microns chamber and its use for semen analysis with inverted microscope. Makler A. **Arch Androl** 1984;13(2-3):195-7

Latent herpesvirus infection of testes and spinal ganglia of turkeys with semen abnormalities. Benfield DA, et al. **Arch Virol** 1984;82(3-4):195-209

Acidic cysteine proteinase inhibitor in seminal plasma. Minakata K, et al. **Biol Chem Hoppe Seyler** 1985 Jan;366(1):15-8

Characterization of a seminal plasma-associated inhibitor of human seminal plasma protein kinase. Freedman MF, et al. **Biol Reprod** 1985 Mar;32(2):322-32

DNA content of human semen--an objective measurement of sperm density. Badenoch DF, et al. **Br J Urol** 1985 Apr;57(2):230-2

Effect of separating bull semen into X and Y chromosome-bearing fractions on the sex ratio of resulting embryos. Hagele WC, et al. **Can J Comp Med** 1984 Jul;48(3):294-8

Acid phosphatase and zinc in semen of subjects with no clinical evidence of prostatic disease. Vaubourdolle M, et al. **Clin Chem** 1985 Jun;31(6):878-80

Changes in the biochemical composition of semen following danazol plus testosterone enanthate administration to the langur monkey. Lohiya NK, et al. **Contraception** 1985 Apr;31(4):421-30

Structure of tumor-associated carbohydrate antigen Ca 19-9 on human seminal-plasma glycoproteins from healthy donors. Hanisch FG, et al. **Eur J Biochem** 1984 Nov 2;144(3):467-73

beta 2-Inhibin contains the active core of human seminal plasma beta-inhibin: synthesis and bioactivity. Arbatti NJ, et al. **FEBS Lett** 1985 Feb 11;181(1):57-63

Analysis of an inhibin preparation reveals apparent identity between a peptide with inhibin-like activity and a sperm-coating antigen. Johansson J, et al. **FEBS Lett** 1984 Oct 15;176(1):21-6

Amino acid sequence of the predominant basic protein in human seminal plasma. Lilja H, et al. **FEBS Lett** 1985 Mar 11;182(1):181-4

Complete amino acid sequence of human seminal plasma beta-inhibin. Prediction of post Gln-Arg cleavage as a maturation site. Seidah NG, et al. **FEBS Lett** 1984 Oct 1;175(2):349-55

Anthropomorphic, hormonal, and psychologic correlates of semen quality in endurance-trained male athletes. Ayers JW, et al. **Fertil Steril** 1985 Jun;43(6):917-21

The effect of naproxen on the concentration of prostaglandins

in human seminal fluid. Bendvold E, et al. **Fertil Steril** 1985 Jun;43(6):922-6
Semen selenium and human fertility. Bleau G, et al. **Fertil Steril** 1984 Dec;42(6):890-4
Immunoreactive luteinizing hormone-releasing hormone in the seminal plasma and human semen parameters. Izumi S, et al. **Fertil Steril** 1985 Apr;43(4):617-20
Evaluation of semen and pituitary gonadotropin function in men with untreated Hodgkin's disease. Ragni G, et al. **Fertil Steril** 1985 Jun;43(6):927-30
Seminal prolactin concentration and sperm reproductive capacity. Sueldo CE, et al. **Fertil Steril** 1985 Apr;43(4):632-5
ABO and Lewis typing of semen, saliva and other body fluids. Pereira M. **Haematologia (Budap)** 1984;17(2):317-22
Characterization of basic proteins of bull seminal plasma. Kemme M, et al. **Hoppe Seylers Z Physiol Chem** 1984 Oct;365(10):1173-81
Unexpected occurrence of the Ca 19-9 tumor marker in normal human seminal plasma. Uhlenbruck G, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jun;365(6):613-7
Semen analysis in infertile couples. Vaidya PR, et al. **Indian J Med Res** 1985 Jan;81:49-52
Evidence for the prostatic origin of immunoreactive inhibin-like material in human seminal plasma. Beksac MS, et al. **Int J Androl** 1984 Oct;7(5):389-97
Two-dimensional electrophoresis of proteins in various fractions of the human split ejaculate. Rui H, et al. **Int J Androl** 1984 Dec;7(6):509-20
Sialoglycoproteins of ejaculated human spermatozoa and seminal plasma. Wongkome C, et al. **Int J Androl** 1984 Aug;7(4):352-61
A modified method for collection of rete testis fluid from the rat. Wu YW, et al. **Int J Androl** 1984 Aug;7(4):362-8
The concentration of estradiol-17 beta in bovine semen. Godfrey RW, et al. **J Anim Sci** 1985 Mar;60(3):760-5
Sodium bicarbonate in seminal plasma stimulates the motility of mammalian spermatozoa through direct activation of adenylate cyclase. Okamura N, et al. **J Biol Chem** 1985 Aug 15;260(17):9699-705
Examination of the correlation of groupings in blood and semen. Fowler JC, et al. **J Forensic Sci** 1985 Jan;30(1):103-13
The detection of protein p30 in seminal stains by means of thin-layer immunoassay. Masibay AS, et al. **J Forensic Sci** 1984 Oct;29(4):1173-7
Identification, and preliminary characterization of a sperm-binding protein in normal human semen. Abrescia P, et al. **J Reprod Fertil** 1985 Jan;73(1):71-7
Sodium, potassium, calcium, magnesium, zinc, citrate and chloride content of human prostatic and seminal fluid. Kavanagh JP. **J Reprod Fertil** 1985 Sep;75(1):35-41
Reproductive biology of paraplegics: results of semen collection, testicular biopsy and serum hormone evaluation. Perkash I, et al. **J Urol** 1985 Aug;134(2):284-8
Conception rates after IVF in women with previous ectopic pregnancy [letter] Peek JC, et al. **Lancet** 1985 Aug 3;2(8449):275-6
On the identity of bovine seminal plasma inhibin. Mohapatra SK, et al. **Mol Cell Endocrinol** 1985 Jul;41(2-3):187-96
A method for the identification of seminal stains by enzymatic assay of choline. Tsutsumi A, et al. **Nippon Hoigaku Zasshi** 1984 Dec;38(6):778-84
Human seminal plasma contains a wide range of trophoblast-'specific' proteins. Salem HT, et al. **Placenta** 1984 Sep-Oct;5(5):413-7
Detection and incidence of yellow turkey semen on commercial breeder farms. Hess RA, et al. **Poult Sci** 1984 Oct;63(10):2084-6
Isolation of major proteins from boar sperm plasma membranes by preparative gel electrophoresis and localization of a major polypeptide using specific monoclonal antibodies. Hunt WP, et al. **Prep Biochem** 1985;15(1-2):9-33
Human seminal alpha inhibins: isolation, characterization, and structure. Li CH, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4041-4
Isolation of leukotriene C4 from human seminal fluid. Saad MH, et al. **Prostaglandins** 1983 Dec;26(6):943-54
[Azoospermia, asthenozoospermia and seminal biochemistry] Soufir JC. **Ann Biol Clin (Paris)** 1985;43(1):67-70 (Eng. Abstr.) **(Fre)**
[Significance of pH values for the assessment of sperm quality and sexual activity as well as for achievement of good fertilization results. 1. pH value in ram ejaculates, its variability and its significance for the assessment of sperm quality] Menger H. **Arch Exp Veterinarmed** 1984 Nov;38(6):832-9 (Eng. Abstr.) **(Ger)**
[Possibilities of identifying the assailant in rape cases by serologic testing of semen stains] Glowatzki-Mullis ML. **Schweiz Rundsch Med Prax** 1985 Jan 8;74(1-2):12-8 (Eng. Abstr.) **(Ger)**
[Relationship between seminal HCG-beta and spermatogenesis. Studies on human seminal plasma. Report I] Saitoh S, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Dec;75(12):1970-81 (Eng. Abstr.) **(Jpn)**
[Demonstration of seminal stains by enzyme immunoassay using peroxidase-conjugated anti-gamma-seminoprotein (gamma-Sm) Fab'--forensic immunological studies of body fluids and secretion, report XXIV] Tsuda R, et al. **Nippon Hoigaku Zasshi** 1985 Feb;39(1):30-4 (Eng. Abstr.) **(Jpn)**
[Concentration of polyamines in the semen of healthy subjects and patients with chronic nonspecific prostatitis] Shamin GA, et al. **Urol Nefrol (Mosk)** 1985 Jan-Feb;(1):36-8 (Eng. Abstr.) **(Rus)**
[Analysis of the levels of gonadotropins and testosterone in the serum and sperm of patients with varicocele] Vlaisavljević V, et al. **Jugosl Ginekol Opstet** 1984 Jan-Apr;24(1-2):6-9 (Eng. Abstr.) **(Scr)**
[Levels of progesterone in the serum and semen: correlations with the seminogram and levels of 17 alpha-hydroxyprogesterone in the serum and semen] García Díez LC, et al. **Actas Urol Esp** 1984 Jul-Aug;8(4):309-14 (Eng. Abstr.) **(Spa)**

CYTOLOGY

Diagnostic usefulness of study of the round cells in seminal fluid. Colpi GM, et al. **Acta Eur Fertil** 1984 Jul-Aug;15(4):265-78 (34 ref.)
Nonspermatozoal cells in human sperm: a study of 1243 subfertile and 253 fertile men. Auroux M. **Arch Androl** 1984;12(2-3):197-201
Further assessment of glasswool column filtration of semen. Paulson JD. **Arch Androl** 1984;12 Suppl:89-93
Effect of semen storage time and number of spermatozoa inseminated on the fertility and hatchability of eggs from dwarf broiler breeder hens. Van Wambeke F. **Br Poult Sci** 1984 Oct;25(4):583-7
Computer-assisted measurement of sperm swimming speed in human semen: correlation of results with in vitro fertilization assays. Holt WV, et al. **Fertil Steril** 1985 Jul;44(1):112-9
Effect of unilateral orchiectomy on semen quality in bulls. Wolfe DF, et al. **J Am Vet Med Assoc** 1985 Jun 15;186(12):1291-3
Fluorometric determination of avian sperm viability and concentration. Bilgili SF, et al. **Poult Sci** 1984 Nov;63(11):2275-7
The reliability and efficiency of various methods for estimating spermatozoa concentration. Brillard JP, et al. **Poult Sci** 1985 Jan;64(1):155-8
[Semen evaluation: technic of study] Pinatel MC. **Ann Biol Clin (Paris)** 1985;43(1):49-53 (Eng. Abstr.) **(Fre)**
[Impulse cytophotometry in human sperm specimen analysis] Hettwer H. **Acta Histochem [Suppl] (Jena)** 1985;31:201-6 **(Ger)**
[Fractionation of seminal and spermatozoal membrane proteins using polyacrylamide gel electrophoresis] Mit'kin VV. **Akush Ginekol (Mosk)** 1984 Dec;(12):57-8 **(Rus)**
[Is semen a tissue? Comparative spermatic cytology] Rodríguez Villa L. **Ginecol Obstet Mex** 1984 Feb;52(322):41-6 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Long-term treatment with cimetidine does not essentially affect the hypothalamic-pituitary-gonadal axis in man. Bianchi Porro G, et al. **Hepatogastroenterology** 1985 Apr;32(2):77-80
Effect of adrenocorticotropic hormone and associated hormonal responses on semen quality and sperm output of bulls. O'Connor ML, et al. **J Dairy Sci** 1985 Jan;68(1):151-7
Effects of prostatic secretion on reduced sugars in human seminal plasma. Montagnon D, et al. **Prostate** 1984;5(5):531-5
Reactivation of the secretion from the prostatic gland in cases of reduced fertility. Biological study of seminal fluid modifications. Lucchetta G, et al. **Urol Int** 1984;39(4):222-4

ENZYMOLOGY

Immunological specificity of hexosaminidases from human seminal plasma. Kapur DK, et al. **Am J Reprod Immunol Microbiol** 1985 Jan;7(1):39-43
Enzyme activity of human ejaculates, relation with abnormal liquefaction. Aafjes JH, et al. **Andrologia** 1985 Jan-Feb;17(1):87-91
Seminal plasma leucine aminopeptidase in male fertility. González Buitrago JM, et al. **Andrologia** 1985 Mar-Apr;17(2):139-42
Aminopeptidase in human seminal plasma. Nag Das SK, et al. **Andrologia** 1984 Sep-Oct;16(5):451-7
Lactic C4 dehydrogenase (E.C.1.1.1.27) in human seminal plasma. Ibarra B, et al. **Arch Invest Med (Mex)** 1984 Jul-Sep;15(3):239-44 **(Eng, Spa)**
Human testicular angiotensin-converting enzyme is a mixture of two molecular weight forms. Only one is similar to the seminal plasma enzyme. Lanzillo JJ, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):457-63
The kinetics of inhibition of human seminal plasma acid phosphatase by sodium fluoride. NagDas SK, et al. **Biochem Int** 1984 Nov;9(5):659-68
Effects of dithiothreitol, dithioerythritol and chelating agents on 5'-nucleotidase from bull seminal plasma. Fini C, et al. **Biochim Biophys Acta** 1985 Mar 1;827(3):403-9
Enzymatic characterization of arginine esterase from dog seminal plasma. Frenette G, et al. **Biochim Biophys Acta** 1985 Feb 15;838(2):270-6
Human seminal ribonuclease. A tool to check the role of basic charges and glycosylation of a ribonuclease in the action of the enzyme on double-stranded RNA. Sorrentino S, et al. **Biochim Biophys Acta** 1985 Feb 4;827(2):135-9
Purification and properties of phospholipase A2 from human seminal plasma. Wurl M, et al. **Biochim Biophys Acta** 1985 May 17;834(3):411-8
Identification and preliminary characterization of two distinct bovine seminal Pz-peptidases. Lessley BA, et al. **Biol Reprod** 1984 Sep;31(2):353-69
Studies of self-inactivation of bovine seminal fluid NAD glycohydrolase. Anderson BM, et al. **Chem Biol Interact** 1985 Jul;54(2):159-70
Competition between seminal and exogenous proteinase inhibitors for sites on murine epididymal sperm. Aarons D, et al. **Contraception** 1985 Feb;31(2):177-84
A 53,000-Da esterase in Strongylocentrotus purpuratus semen is derived from phagocytic cells, not sperm. Resing K, et al. **Dev Biol** 1985 Jan;107(1):87-93
Enzymic activities in the seminal plasma of normospermic, oligospermic and infertile azoospermic men. Nag Das SK, et al. **Enzyme** 1984;32(3):157-61
Reduced activities of triple adenosine triphosphatase in seminal plasma and spermatozoa of patients with oligoasthenospermia. Karacagil M, et al. **Eur Urol** 1984;10(6):405-7
alpha-L-fucosidase polymorphism in human semen, blood, and vaginal fluid. Gill P, et al. **Hum Hered** 1984;34(4):231-9
Purification and properties of beta-N-acetyl-D-hexosaminidase from boar seminal plasma. Daron HH, et al. **Int J Biochem** 1985;17(5):581-8
Biochemical properties and kinetic parameters of monoamine oxydase in human seminal plasma. Roberge AG, et al. **Int J Fertil** 1984;29(3):180-5
Identity of the ribonuclease from bovine seminal plasma with ribonuclease BS-1, and its sensitivity to polyvinyl sulphate. Ramakrishna T, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):253-60
An evaluation of gamma-glutamyl transpeptidase (GGT) and p30 determinations for the identification of semen on postcoital vaginal swabs. Stubbings NA, et al. **J Forensic Sci** 1985 Jul;30(3):604-14
Problems associated with the typing of semen on anal swabs. Green RJ, et al. **J Forensic Sci Soc** 1985 Jan-Feb;25(1):55-6
Identification of fast moving seminal acid phosphatase (SAP) in a sexual assault case. Tahir MA. **J Forensic Sci Soc** 1984 Nov-Dec;24(6):553-5
Polyacrylamide disc electrophoresis of human semen lactate dehydrogenase in the presence of sulfur compounds. Gershbein LL. **Res Commun Chem Pathol Pharmacol** 1984 Aug;45(2):243-51
Prostatic origin of fucosyl transferase in human seminal plasma--a study on healthy controls and on men with infertility or with prostatic cancer. Ronquist G, et al. **Urol Res** 1984;12(5):243-7
[Changes in proacrosin levels during preservation of ram semen] Srámek C, et al. **Vet Med (Praha)** 1985 Apr;30(4):231-7 (Eng. Abstr.) **(Cze)**
[Distribution and activity of nicotinamide-adenine dinucleotide nucleosidase in mammalian semen] Géorgiev GH, et al. **Zentralbl Veterinarmed [A]** 1985 Jan;32(1):11-4 (Eng. Abstr.) **(Fre)**
[Studies of human lactate dehydrogenase-x (C4) [LDH-X(C4)]. 1. Purification of human LDH-X(C4)] Uchijima Y, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Apr;76(4):546-53 (Eng. Abstr.) **(Jpn)**
[Medico-legal studies of leucine aminopeptidase. II. Enzymatic properties of leucine aminopeptidase occurring in human semen and certain species of plants] Fujisawa K. **Nippon Hoigaku Zasshi** 1984 Jun;38(3):311-8 (Eng. Abstr.) **(Jpn)**
[Medico-legal studies of leucine aminopeptidase. I. Enzymatic activities of leucine aminopeptidase and acid phosphatase occurring in human semen and certain species of plants] Fujisawa K. **Nippon Hoigaku Zasshi** 1984 Jun;38(3):306-10 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

Anticomplementary activity in human semen and its possible importance in reproduction. Price RJ, et al. **Am J Reprod Immunol** 1984 Oct-Nov;6(3):92-8
Seminal plasma abrogates the postcoital T cell response to spermatozoal histocompatibility antigens. Thomas IK, et al. **Am J Reprod Immunol** 1984 Dec;6(4):185-9
Detection of sperm antibodies in semen using the immunobead test: a survey of 813 consecutive patients. Clarke GN, et al. **Am J Reprod Immunol Microbiol** 1985 Mar;7(3):118-23
Seminal plasma immunoglobulins of the Indian buffalo. Kulkarni BA. **Arch Androl** 1984;13(1):87-91
Asthma and urticaria induced by seminal plasma in a woman with IgE antibody and T-lymphocyte responsiveness to a seminal plasma antigen. Blair H, et al. **Clin Allergy** 1985 Mar;15(2):117-30
Correlation between the direct IgG MAR test (mixed antiglobulin reaction test) and seminal analysis in men from infertile couples. Cerasaro M, et al. **Fertil Steril** 1985 Sep;44(3):390-5
Identification of human lymphocyte antigens (HLA) in a semen stain. Lontai-Santora S, et al. **Haematologia (Budap)** 1984;17(2):323-5
Effect of the inhibitory material from male genital tract on natural killing activities. Marcus ZH, et al. **Immunol Lett** 1985;10(1):1-5
Human semen inhibits T rosette formation through an opiate mediated mechanism. Fabbri A, et al.

J Clin Endocrinol Metab 1985 Apr;60(4):807-9

A sensitive method for detection of blood group H substance in human saliva and semen using enzyme-linked immunosorbent assay (ELISA). Katsumata Y, et al. **Nippon Hoigaku Zasshi** 1985 Feb;39(1):15-8

The role of prostaglandin E2 in seminal immunosuppression. Lieb J, et al. **Prostaglandins Leukotrienes Med** 1985 Feb; 17(2):243-50

[Tumor-associated markers as organ-specific antigens of human seminal plasma. I. Immunologic studies] Höller U, et al. **Z Hautkr** 1985 Jan;60(1-2):147-56 (Eng. Abstr.) **(Ger)**

METABOLISM

Amino acid composition and characteristic indices of bovine seminal plasma in case of infection of semen by mycoplasmas. Ibrahim MA, et al. **Acta Vet Hung** 1984; 32(1-2):15-21

The effect of seminal plasma on gonadotrophin secretion by sheep pituitary cells in culture. Gray IP, et al. **Andrologia** 1984 Sep-Oct;16(5):482-5

Androgen-binding components of human semen. Iosefi S, et al. **Andrologia** 1984 Nov-Dec;16(6):509-16

Beta-endorphin, Met-enkephalin, and calcitonin in human semen: evidence for a possible role in human sperm motility. Fraioli F, et al. **Ann NY Acad Sci** 1984;438:365-70

Uridine, xanthine, and urate contents in human seminal plasma. Ronquist G, et al. **Arch Androl** 1984;13(1):63-70

The PDC-109 protein from bovine seminal plasma is similar to the gelatin-binding domain of bovine fibronectin and a kringle domain of human tissue-type plasminogen activator. Baker ME. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1010-4

Protein, cholesterol, acid phosphatase and aspartate aminotransaminase in the seminal plasma of turkeys (Meleagris gallopavo) producing normal white or abnormal yellow semen. Hess RA, et al. **Biol Reprod** 1984 Sep; 31(2):239-43

Propranolol concentrations in blood serum, seminal plasma and saliva in man after a single oral dose. Mahajan P, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):849-52

Effect of substrates on the oxygen uptake of bovine semen preserved in egg yolk citrate. Gupta RS, et al. **Cell Mol Biol** 1984;30(4):407-9

Beta-endorphin in normozoospermic and pathologic human semen. Singer R, et al. **Experientia** 1985 Jan 15;41(1):64-5

Ceruloplasmin and transferrin in human seminal plasma: are they an index of seminiferous tubular function? Orlando C, et al. **Fertil Steril** 1985 Feb;43(2):290-4

Demonstration of a new acrosin inhibitor in human seminal plasma. Huhtala ML. **Hoppe Seylers Z Physiol Chem** 1984 Jul;365(7):819-25

On the origin of prostaglandins in human seminal fluid. Bendvold E, et al. **Int J Androl** 1985 Feb;8(1):37-43

The role of citrate in determining the activity of calcium ions in human semen. Ford WC, et al. **Int J Androl** 1984 Jun;7(3):198-202

Levels of seminal free L(-) carnitine in fertile and infertile men. Soufir JC, et al. **Int J Androl** 1984 Jun;7(3):188-97

Metabolism of testosterone by human semen. Dow PR, et al. **J Steroid Biochem** 1985 Mar;22(3):371-6

Amiodarone in testis and semen [letter] Adams PC, et al. **Lancet** 1985 Feb 9;1(8424):341

Catabolism of phospholipids by chicken seminal components after storage. Resseguie WD, et al. **Poult Sci** 1984 Aug; 63(8):1653-8

Liquefaction of coagulated human semen. Lilja H, et al. **Scand J Clin Lab Invest** 1984 Sep;44(5):447-52

Synthetic protease inhibitors and post-ejaculatory degradation of human semen proteins. Lilja H, et al. **Scand J Clin Lab Invest** 1984 Sep;44(5):433-8

Characterization of the predominant basic protein in human seminal plasma, one cleavage product of the major seminal vesicle protein. Lilja H, et al. **Scand J Clin Lab Invest** 1984 Sep;44(5):439-46

Photoperiodic influences on reproduction of domestic boars. II. Light influences on semen characteristics and libido. Claus R, et al. **Zentralbl Veterinarmed** [A] 1985 Feb; 32(2):99-109

Photoperiodic influences on reproduction of domestic boars. I. Light influences on testicular steroids in peripheral blood plasma and seminal plasma. Claus R, et al. **Zentralbl Veterinarmed** [A] 1985 Feb;32(2):86-98

MICROBIOLOGY

The effect of freezing semen and preputial flushings on subsequent examination for Campylobacter species. Roslanowski K, et al. **Br Vet J** 1985 May-Jun;141(3):269-71

Campylobacter fetus in artificial insemination unit and slaughterhouse bulls in Ontario. Finlay RC, et al. **Can J Comp Med** 1985 Apr;49(2):231-2

Evidence for HTLV-III in T-cells from semen of AIDS patients: expression in primary cell culture, long-term mitogen-stimulated cell cultures, and cocultures with a permissive T-cell line. Zagury D, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4595s-4597s

Transmission of Ureaplasma urealyticum by AID [letter] **Fertil Steril** 1984 Nov;42(5):808-10

Cryosurvival of Chlamydia trachomatis during cryopreservation of human spermatozoa. Sherman JK, et al. **Fertil Steril** 1985 Apr;43(4):664-6

Carriage of Gardnerella vaginalis and anaerobes in semen. Ison CA, et al. **Genitourin Med** 1985 Apr;61(2):120-2

Studies on biochemical properties and aeruginocin typing of Pseudomonas aeruginosa isolated from the frozen bull semen. Furowicz AJ, et al. **Indian J Pathol Microbiol** 1984 Jul;27(3):249-59

Seminal bacterial pathogens and in vitro fertilization. Hewitt J, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun; 2(2):105-7

Mycobacterium leprae in seminal fluid: a case report. Pareek SS, et al. **Lepr Rev** 1985 Mar;56(1):49-50

Microbial findings in genital secretions from seven healthy fertile couples. Landgren BM, et al. **Med Microbiol Immunol (Berl)** 1984;173(4):179-85

Microorganisms in semen used for artificial insemination Leiva JL, et al. **Obstet Gynecol** 1985 May;65(5):669-72

Seminal shedding of bluetongue virus in experimentally infected bulls. Bowen RA, et al. **Prog Clin Biol Res** 1985; 178:91-6

Isolation of bluetongue virus from bull semen. Howard TH, et al. **Prog Clin Biol Res** 1985;178:127-34

Unusual observations on a serologically negative bluetongue virus infected bull. Schultz RD, et al. **Prog Clin Biol Res** 1985;178:97-102

HTLV-III in the semen and blood of a healthy homosexual man. Ho DD, et al. **Science** 1984 Oct 26;226(4673):451-3

HTLV-III in cells cultured from semen of two patients with AIDS. Zagury D, et al. **Science** 1984 Oct 26; 226(4673):449-51

Ureaplasmal infections of the male urogenital tract, in particular prostatitis, and semen quality. Weidner W, et al. **Urol Int** 1985;40(1):5-9

[Role of vertical transmission and seminal fluid in the infectious leukemia process] Tsutsumanski V, et al. **Vet Med Nauki** 1984;21(7-8):62-7 (Eng. Abstr.) **(Bul)**

[The effect of apramycin on bacterial contamination and the survival of boar semen during a short preservation period] Kozumplík J, et al. **Vet Med (Praha)** 1984 Aug;29(8):479-87 (Eng. Abstr.) **(Cze)**

[Frequency of pathological findings in male adnexa and ejaculate of andrologic patients with positive Mycoplasma findings] Neumann J, et al. **Dermatol Monatsschr** 1984; 170(8):502-5 (Eng. Abstr.) **(Ger)**

[Andrologic aspects of in vitro fertilization] Riedel HH. **Fortschr Med** 1985 Mar 14;103(10):259-64 (Eng. Abstr.) **(Ger)**

[Bacteriological findings in the seminal fluid of patients with chronic aspecific prostatitis and in healthy subjects] Frongillo RF, et al. **Minerva Urol Nefrol** 1984 Apr-Jun; 36(2):85-7 (Eng. Abstr.) **(Ita)**

PHYSIOLOGY

Semen quality and fertility after heat stress in boars. Malmgren L, et al. **Acta Vet Scand** 1984;25(3):425-35

Occurrence of specific glycoprotein factor(s) in goat epididymal plasma that prevent adhesion of spermatozoa to glass. Roy N, et al. **Andrologia** 1985 Mar-Apr; 17(2):200-6

Characteristics of a seminal plasma inhibitor of sperm motility. de Lamirande E, et al. **Ann NY Acad Sci** 1984; 438:125-31

Alterations in motility and metabolism associated with sperm interaction with accessory sex gland fluids. Inskeep PB, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):1-9

Fertility potential in the human semen in dysfunction of the accessory genital glands. Mantouvalos H, et al. **Asia Oceania J Obstet Gynaecol** 1984 Dec;10(4):507-11

Effect of human seminal plasma and mouse accessory gland extracts on mouse fertilization in vitro. Quinn P, et al. **Aust J Biol Sci** 1984;37(3):147-52

Effects of exercise conditioning on semen characteristics from hyper- and hypotensive lines of turkeys. Krista LM, et al. **Br Poult Sci** 1985 Jul;26(3):349-56

Improved semen quality after a short-interval second ejaculation. Check JH, et al. **Fertil Steril** 1985 Sep; 44(3):416-8

Variation of semen measures within normal men. Poland ML, et al. **Fertil Steril** 1985 Sep;44(3):396-400

Involvement of gonadotrophin and steroid hormones in spermiation in the amago salmon, Oncorhynchus rhodurus, and goldfish, Carassius auratus. Ueda H, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):24-30

Nuclear chromatin decondensation of spermatozoa in vitro: a method for evaluating the fertilizing ability of ovine semen. Rodriguez H, et al. **Int J Androl** 1985 Apr; 8(2):147-58

Testicular development, epididymal sperm reserves and seminal quality in two-year-old Hereford and Angus bulls: effects of two levels of dietary energy. Coulter GH, et al. **J Anim Sci** 1984 Aug;59(2):432-40

Reproductive criteria of beef bulls during and after exposure to increased ambient temperature. Meyerhoeffer DC, et al. **J Anim Sci** 1985 Feb;60(2):352-7

Components of semen quality. Saacke RG. **J Anim Sci** 1982; 55 Suppl 2:1-13 (59 ref.)

Relationship between final temperature, thaw rate, and quality of bovine semen. Chandler JE, et al. **J Dairy Sci** 1984 Aug;67(8):1806-12

Effect of rapid warming of boar semen on sperm morphology and physiology. Bamba K, et al. **J Reprod Fertil** 1985 Sep; 75(1):133-8

Fluorometry of poultry semen: its application in the determination of viability, enzyme leakage, and fertility. Bilgili SF, et al. **Poult Sci** 1985 Jun;64(6):1227-30

Volume, sperm concentration, and fertilizing capacity of turkey ejaculates obtained from successive cloacal strokes during semen collection. Cecil HC, et al. **Poult Sci** 1985 Jun;64(6):1219-22

Effect of selection for fertility of frozen-thawed semen in chickens on the fertility of fresh and stored semen. Yousif YF, et al. **Poult Sci** 1984 Aug;63(8):1475-80

Observations on semen quality of dogs in the tropics. Wong WT, et al. **Vet Rec** 1985 Mar 23;116(12):313-4

[Physiologic changes in semen examination] Spira A, et al. **Ann Biol Clin (Paris)** 1985;43(1):55-61 (Eng. Abstr.) (Fre)

[Selection of bulls fit for potential insemination with special reference to their sires and herds of origin] Romanowski W, et al. **DTW** 1985 Jan 6;92(1):6-9 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Spermatogenesis, seminal characteristics and reproductive hormone levels in mature rams with induced hypothyroidism and hyperthyroidism. Chandrasekhar Y, et al. **J Endocrinol** 1985 Apr;105(1):39-46

RADIATION EFFECTS

Changes in testicular fluid production and plasma hormones in the adult rat after testicular 60Co irradiation. Laporte P, et al. **Reprod Nutr Dev** 1985;25(2):355-66

Production of seminiferous and interstitial fluid in the growing rat after unilateral testicular irradiation. Laporte P, et al. **Reprod Nutr Dev** 1985;25(2):367-77

SECRETION

Blocks to polyspermy in Chaetopterus. Eckberg WR, et al. **J Exp Zool** 1985 Feb;233(2):253-60

SEMEN PRESERVATION

Effect of glycerol and cryopreservation on oocyte penetration by human spermatozoa. Jeyendran RS, et al. **Andrologia** 1985 May-Jun;17(3):241-8

Duration of vitality and migrating ability of human spermatozoa cryopreserved at +4 degrees C. Kesserü E, et al. **Andrologia** 1984 Sep-Oct;16(5):429-33

Cancer, chemotherapy, and fertility [letter] Rowland GF, et al. **Br Med J [Clin Res]** 1985 May 25;290(6481):1587

Effect of substrates on the oxygen uptake of bovine semen preserved in egg yolk citrate. Gupta RS, et al. **Cell Mol Biol** 1984;30(4):407-9

In vitro fertilization using cryopreserved donor semen in cases where both partners are infertile. Cohen J, et al. **Fertil Steril** 1985 Apr;43(4):570-4

Cryosurvival of Chlamydia trachomatis during cryopreservation of human spermatozoa. Sherman JK, et al. **Fertil Steril** 1985 Apr;43(4):664-6

Obtained pregnancies by AID using frozen semen in relation to specific qualities of the semen. Nielsen NC, et al. **Gynecol Obstet Invest** 1984;18(3):147-51

Studies on biochemical properties and aeruginocin typing of Pseudomonas aeruginosa isolated from the frozen bull semen. Furowicz AJ, et al. **Indian J Pathol Microbiol** 1984 Jul;27(3):249-59

Ultrastructural categorization of human sperm cryopreserved in glycerol and in TESTCY. Heath E, et al. **Int J Androl** 1985 Apr;8(2):101-10

AIDS--status 1985. Implications for sperm banks. Nielsen JO. **Int J Androl** 1985 Apr;8(2):97-100

Artificial insemination with frozen semen. Sex ratio at birth. Alfredsson JH. **Int J Fertil** 1984;29([illegible]):152-5

A prospective randomized study comparing fresh semen and cryopreserved semen for artificial insemination by donor. Iddenden DA, et al. **Int J Fertil** 1985;30(1):50, 55-6

Preliminary results of non-surgical intra-uterine insemination of sheep with thawed frozen semen. Lawrenz R. **J S Afr Vet Assoc** 1985 Jun;56(2):61-3

Cryopreservation of semen in patients with malignant disease: role of in-vitro fertilisation [letter] Hewitt J, et al. **Lancet** 1985 Aug 24;2(8452):446-7

Cryopreservation of semen in men with testicular tumour or Hodgkin's disease: results of artificial insemination of their partners. Scammell GE, et al. **Lancet** 1985 Jul 6; 2(8445):31-2

Effects of incubation at 4 C on calcium uptake and acrosin activity in turkey spermatozoa. Froman DP, et al. **Poult Sci** 1985 Feb;64(2):396-400

Pregnancy following in vitro fertilization using cryopreserved semen from a man with testicular teratoma. Rowland GF, et al. **Urology** 1985 Jul;26(1):33-6

[The freezing storage of human semen and artificial insemination] Zhu JZ. **Chung Hua I Hsueh Tsa Chih** 1984 Dec;64(12):725-7, 790 (Eng. Abstr.) **(Chi)**

[Qualitative changes and the fertilizing capacity of sperm after 6 years of preservation of boar semen] Kozumplík J. **Vet Med (Praha)** 1985 May;30(5):289-300 (Eng. Abstr.) **(Cze)**

[The effect of apramycin on bacterial contamination and the survival of boar semen during a short preservation period] Kozumplík J, et al. **Vet Med (Praha)** 1984 Aug;29(8):479-87 (Eng. Abstr.) **(Cze)**

[Sperm cryopreservation with oncological patients] Litschgi M. **Schweiz Rundsch Med Prax** 1985 May 14;74(20):536-40

(Eng. Abstr.) (Ger)

INSTRUMENTATION

[Freezing of sperm distributed in IMV pipettes and aluminum tubes over nitrogen vapors] Bobadov N, et al. **Vet Med Nauki** 1985;22(1):69–76 (Eng. Abstr.) (Bul)

METHODS

Prolonged storage of human spermatozoa at room temperature or in a refrigerator. Cohen J, et al. **Fertil Steril** 1985 Aug;44(2):254–62

VETERINARY

Effect of washing on motility and acrosome morphology of frozen–thawed goat spermatozoa. Memon MA, et al. **Am J Vet Res** 1985 Feb;46(2):473–5

Morphological observations on frozen and thawed muscovy spermatozoa. Maeda T, et al. **Br Poult Sci** 1984 Jul; 25(3):409–13

Comparative study of the effects of various cryoprotectants in preserving the morphology of frozen and thawed fowl spermatozoa. Maeda T, et al. **Br Poult Sci** 1984 Oct; 25(4):547–53

Effect of semen storage time and number of spermatozoa inseminated on the fertility and hatchability of eggs from dwarf broiler breeder hens. Van Wambeke F. **Br Poult Sci** 1984 Oct;25(4):583–7

Quantitation of the fertilising ability of fresh compared with frozen and thawed fowl spermatozoa. Wishart GJ. **Br Poult Sci** 1985 Jul;26(3):375–80

The effect of freezing semen and preputial flushings on subsequent examination for Campylobacter species. Roslanowski K, et al. **Br Vet J** 1985 May–Jun;141(3):269–71

Current status of semen preservation in the ram, boar and stallion. Graham EF, et al. **J Anim Sci** 1978;47 Suppl 2:80–119 (212 ref.)

Microencapsulation of bovine spermatozoa. Nebel RL, et al. **J Anim Sci** 1985 Jun;60(6):1631–9

Influence of seminal additives and packaging systems on fertility of frozen bovine spermatozoa. Pickett BW, et al. **J Anim Sci** 1978;47 Suppl 2:12–47 (179 ref.)

Relationship between final temperature, thaw rate, and quality of bovine semen. Chandler JE, et al. **J Dairy Sci** 1984 Aug;67(8):1806–12

The effect of thawing temperature on post–thaw longevity of frozen bovine semen. Gilbert RO. **J S Afr Vet Assoc** 1984 Sep;55(3):117–8

Glutamic oxaloacetic transaminase released from chicken spermatozoa during freeze–thaw procedures. Matsumoto Y, et al. **Poult Sci** 1985 Apr;64(4):718–22

Fertility of fresh and stored turkey spermatozoa in the presence or absence of glucose or fructose in the suspension medium. Pinto O, et al. **Poult Sci** 1985 Jul;64(7):1388–90

Catabolism of phospholipids by chicken seminal components after storage. Resseguie WD, et al. **Poult Sci** 1984 Aug; 63(8):1653–8

Effect of selection for fertility of frozen–thawed semen in chickens on the fertility of fresh and stored semen. Yousif YF, et al. **Poult Sci** 1984 Aug;63(8):1475–80

[Changes in proacrosin levels during preservation of ram semen] Srámek C, et al. **Vet Med (Praha)** 1985 Apr; 30(4):231–7 (Eng. Abstr.) (Cze)

SEMICARBAZIDES

CHEMICAL SYNTHESIS

Some biologically active poly(thiosemicarbazides). Donaruma LG, et al. **Ann NY Acad Sci** 1985;446:116–33

PHARMACODYNAMICS

Amine oxidase activities in brown adipose tissue of the rat: identification of semicarbazide–sensitive (clorgyline–resistant) activity at the fat cell membrane. Barrand MA, et al. **J Pharm Pharmacol** 1984 Oct; 36(10):652–8

Age–related changes in monoamine oxidase and semicarbazide–sensitive amine oxidase activities of rat aorta. Cao Danh H, et al. **J Pharm Pharmacol** 1985 May; 37(5):354–7

Inhibition of semicarbazide–sensitive amine oxidase by monoamine oxidase B inhibitors from the oxazolidinone series. Dostert P, et al. **J Pharm Pharmacol** 1984 Nov; 36(11):782–5

SEMICARBAZONES

PHARMACODYNAMICS

[Plant growth inhibitory activity of semicarbazones derived from phenylthioacetaldehydes and phenylthiopropanones] Alves A, et al. **Ann Pharm Fr** 1984;42(2):169–77 (Eng. Abstr.) (Fre)

SEMICIRCULAR CANALS

Semicircular canal orientation in the adult resting rabbit. Mazza D, et al. **Acta Otolaryngol (Stockh)** 1984 Nov–Dec; 98(5–6):472–80

Pathophysiology and management of cupulolithiasis. Gacek RR. **Am J Otolaryngol** 1985 Mar–Apr;6(2):66–74

ANATOMY & HISTOLOGY

Planar relationships of the semicircular canals in rhesus and squirrel monkeys. Blanks RH, et al. **Brain Res** 1985 Aug 12;340(2):315–24

DRUG EFFECTS

The effect of glutamate on the frog semicircular canal. Valli P, et al. **Brain Res** 1985 Mar 18;330(1):1–9

[Morphologic findings of the secretory epithelium of the ampulla following ethacrynic acid] Hommerich CP. **Laryngol Rhinol Otol (Stuttg)** 1985 Apr;64(4):209–13 (Eng. Abstr.) (Ger)

[Effects of changes in K+ in the perilymphatic fluid on the activity of vestibular receptors in the frog] Botta L, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30;61(3):419–24 (Eng. Abstr.) (Ita)

[Pre– and post–synaptic activity of glutamate on preparations of the frog semicircular canal] Valli P, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30;61(3):403–9 (Eng. Abstr.) (Ita)

EMBRYOLOGY

Ciliogenesis in human vestibular epithelia. A scanning electron microscopic study. Sánchez–Fernández JM, et al. **Acta Otolaryngol (Stockh)** 1985 Mar–Apr;99(3–4):405–10

Epithelial fusion during early semicircular canal formation in the embryonic zebrafish, Brachydanio rerio. Waterman RE, et al. **Anat Rec** 1984 Sep;210(1):101–14

[Development of the vestibular organ in the mouse––development of the crista ampullaris] Takumida M. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Jul;87(7):800–4 (Eng. Abstr.) (Jpn)

ENZYMOLOGY

Possible cholinergic neurotransmission in the cristae ampullares of the chick inner ear. Meza G, et al. **Neurosci Lett** 1984 Aug 24;49(1–2):93–7

INNERVATION

Exposure and direct stimulation of the semicircular canal cupula. Suzuki M, et al. **Arch Otorhinolaryngol** 1985; 241(2):141–7

An experimental study on the physical properties of the cupula. Effect of cupular sectioning on the ampullary nerve action potential. Suzuki M, et al. **Arch Otorhinolaryngol** 1985;241(3):309–16

Spontaneous and driven responses of semicircular canal primary afferents in the unanesthetized pigeon. Anastasio TJ, et al. **J Neurophysiol** 1985 Aug;54(2):335–47

Action of the efferent vestibular system on primary afferents in the toadfish, Opsanus tau. Highstein SM, et al. **J Neurophysiol** 1985 Aug;54(2):370–84

Surgical section of the posterior ampullary nerve. Meyerhoff WL. **Laryngoscope** 1985 Aug;95(8):933–5

Effects of lesion of the interstitial nucleus of Cajal on vestibular horizontal canal neurons in the cat. Fukushima K, et al. **Neurosci Res** 1985 Apr;2(4):287–94

Axon collaterals of anterior semicircular canal–activated vestibular neurons and their coactivation of extraocular and neck motoneurons in the cat. Uchino Y, et al. **Neurosci Res** 1984 Oct;1(5):309–25

A light and transmission electron microscope study of the neural processes within the pigeon anterior semicircular canal neuroepithelium. Correia MJ, et al. **Prog Clin Biol Res** 1985;176:247–62

Central projections of first order vestibular neurons innervating the sacculus and posterior canal in the gerbil. Kevetter GA, et al. **Prog Clin Biol Res** 1985;176:279–91

PHYSIOLOGY

An experimental study on cupular function: mapping of the cupula by direct stimulation. Suzuki M, et al. **Arch Otorhinolaryngol** 1985;241(3):237–42

An experimental study on the physiological significance of the mode of cupular movement. Suzuki M, et al. **Arch Otorhinolaryngol** 1985;242(1):57–62

An experimental study on a function of the cupula. Effect of cupula removal on the ampullary nerve action potential. Suzuki M, et al. **Arch Otorhinolaryngol** 1984;241(1):75–81

Vestibulo–ocular reflexes after selective plugging of the semicircular canals in the monkey––response plane determinations. Böhmer A, et al. **Brain Res** 1985 Feb 11; 326(2):291–8

Floccular influence on excitatory relay neurones of vestibular reflexes of anterior semicircular canal origin in the cat. Hirai N, et al. **Neurosci Res** 1984 Oct;1(5):327–40

PHYSIOPATHOLOGY

Vertical vestibulo–ocular reflex in patients with benign paroxysmal positional nystagmus. Baloh RW, et al. **Am J Otolaryngol** 1985 Mar–Apr;6(2):75–8

SURGERY

Fenestration of the horizontal semicircular canal in congenital conductive deafness. Farrior JB, et al. **Laryngoscope** 1985 Sep;95(9 Pt 1):1029–36

ULTRASTRUCTURE

Three–dimensional structures of the vestibular sensory epithelia. Harada Y, et al. **Acta Otolaryngol (Stockh)** 1985 Mar–Apr;99(3–4):411–8

SEMICONDUCTORS

Cancer incidence and cancer mortality in a cohort of semiconductor workers. Sorahan T, et al. **Br J Ind Med** 1985 Aug;42(8):546–50

Radiation induced failures of complementary metal oxide semiconductor containing pacemakers: a potentially lethal complication. Lewin AA, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct;10(10):1967–9

SEMILUNAR BONE

Kienböck's disease. Linscheid RL. **J Hand Surg [Am]** 1985 Jan;10(1):1–3

[Necrosis of the semilunar bone] Pagliughi G. **Chir Ital** 1983 Dec;35(6):1038–42 (Eng. Abstr.) (Ita)

INJURIES

Recurrent dorsal trans–scaphoid perilunate dislocation. Lowdon IM, et al. **J Hand Surg [Br]** 1984 Oct;9(3):307–10

[Scapholunate dissociation] Buck–Gramcko D. **Handchir Mikrochir Plast Chir** 1985 Jul;17(4):194–9 (Eng. Abstr.) (Ger)

[Dorsal ligament reconstruction in scapholunate dissociation] Zilch H. **Handchir Mikrochir Plast Chir** 1985 Jul; 17(4):200–2 (Eng. Abstr.) (Ger)

PATHOLOGY

[Treatment of Kienböck's disease with segmentary shortening of the radius. Apropos of 28 cases] Razemon JP. **Chirurgie** 1984;110(6–7):600–7 (Eng. Abstr.) (Fre)

SURGERY

Silastic arthroplasty for avascular necrosis of the carpal lunate. Pardini AG. **Int Orthop** 1984;8(3):223–7

Lunate implant arthroplasty. Evaluation of 19 patients. Eiken O, et al. **Scand J Plast Reconstr Surg** 1984;18(2):247–52

[Replacement of the necrotic semilunar bone in Kienböck's disease using the tendon of the long palmar muscle] Rott Z. **Acta Chir Orthop Traumatol Cech** 1985 Jun;52(3):274–6 (Eng. Abstr.) (Cze)

[Technic and results of tendon interposition arthroplasty of the lunate and scaphoid bones] Partecke BD, et al. **Handchir Mikrochir Plast Chir** 1985 Jul;17(4):211–8 (Eng. Abstr.) (Ger)

[Lunate malacia and its treatment with lunate excision] Schmitt E, et al. **Z Orthop** 1984 Sep–Oct;122(5):643–50 (Eng. Abstr.) (Ger)

SEMILUNAR CARTILAGES

[Meniscal cysts. Clinical, diagnostic, therapeutic considerations] Piccinini F, et al. **Chir Organi Mov** 1984; 69(2):127–33 (Eng. Abstr.) (Ita)

ABNORMALITIES

[Clinical and arthrographic diagnosis of lateral discoid meniscus] Sulmoni M, et al. **Helv Chir Acta** 1985 Jan; 51(6):819–26 (Eng. Abstr.) (Ger)

ANALYSIS

Studies of tibial subchondral bone density and its significance. Noble J, et al. **J Bone Joint Surg [Am]** 1985 Feb; 67(2):295–302

INJURIES

Review of meniscal injury and associated sports. Baker BE, et al. **Am J Sports Med** 1985 Jan–Feb;13(1):1–4

Meniscus repair in the athlete. DeHaven KE. **Clin Orthop** 1985 Sep;(198):31–5

The knee jerk test for diagnosis of torn meniscus [letter] Oni OO. **Clin Orthop** 1985 Mar;(193):309

Internal derangement of the knee: diagnosis by arthrography, arthroscopy, and arthrotomy. Selesnick FH, et al. **Clin Orthop** 1985 Sep;(198):26–30

Knee rehabilitation following arthroscopic meniscectomy. Zarins B, et al. **Clin Orthop** 1985 Sep;(198):36–42

Arthroscopy in the diagnosis and treatment of meniscal lesions of the knee associated with chronic ligamentous instability. Mariani PP, et al. **Ital J Orthop Traumatol** 1984 Sep;10(3):355–61

Measurement of anterior–posterior motion of the knee in injured patients using a biomechanical stress technique. Torzilli PA, et al. **J Bone Joint Surg [Am]** 1984 Dec; 66(9):1438–42

Meniscal tears of the knee: evaluation by high–resolution CT combined with arthrography. Ghelman B. **Radiology** 1985 Oct;157(1):23–7

Meniscal lesions of the knee joint: CT diagnosis. Passariello R, et al. **Radiology** 1985 Oct;157(1):29–34

Cruciate ligament injury: diagnostic difficulties in the presence of meniscal injury. Wolfe RD, et al. **Radiology** 1985 Oct;157(1):19–21

[Incidence of meniscal lesions in persons working underground in comparison with the rest of the population]

Mikeš K. **Acta Chir Orthop Traumatol Cech** 1985 Apr; 52(2):138–41 (Eng. Abstr.) **(Cze)**

[The meniscus: a poorly understood and often poorly treated structure] Leyvraz PF. **Helv Chir Acta** 1984 Nov; 51(5):551–61 (Eng. Abstr.) **(Fre)**

[Safeguarding the meniscus] Diouri A. **Maroc Med** 1985 Mar; 7(1):461–7 (Eng. Abstr.) **(Fre)**

[Middle meniscal sprain] Fritschy D. **Schweiz Z Sportmed** 1984 Dec;32(4):108–10 (Eng. Abstr.) **(Fre)**

[Treatment of meniscus lesions in athletes] Gillquist J, et al. **Schweiz Z Sportmed** 1984 Dec;32(4):101–7 (Eng. Abstr.) **(Ger)**

[Experiences with the meniscus suture] Karpf PM, et al. **Unfallchirurg** 1985 Jan;88(1):15–9 (Eng. Abstr.) **(Ger)**

[Possibilities and limits of the determination of histologic age of continuity ruptures of the knee joint meniscus. A contribution to the pathologic histology of 'temporally progressing' meniscus ruptures] Könn G, et al. **Unfallchirurg** 1985 Jan;88(1):1–14 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Polymorphonuclear granulocytes in rheumatic tissue destruction. VI. The occurrence of PMNs in menisci of patients with rheumatoid arthritis. Mohr W, et al. **Rheumatol Int** 1984;5(1):39–44

[Structural and functional basis of lesions of the medial meniscus of the knee] Somer T, et al. **Srp Arh Celok Lek** 1984 Jul–Aug;112(7–8):761–8 (Eng. Abstr.) **(Scc)**

PHYSIOLOGY

Effect of postoperative immobilisation on the regrowth of the knee joint semilunar cartilage: an experimental study. Ghosh P, et al. **J Orthop Res** 1983;1(2):153–64

[Meniscal regeneration] Gandolfi M, et al. **Chir Organi Mov** 1984;69(4):373–7 (Eng. Abstr.) **(Ita)**

PHYSIOPATHOLOGY

Current concepts of meniscal function and pathology. Henning CE, et al. **Clin Sports Med** 1985 Apr;4(2):259–65

[Constraints on the knee caused by meniscal and ligament derangement. Study of the internal condylotibial joint. Experimental cinematic method] Frain P, et al. **Rev Chir Orthop** 1984;70(5):361–9 (Eng. Abstr.) **(Fre)**

RADIOGRAPHY

Computed tomography of the knee with reference to meniscal tears. A preliminary report. Jurik AG, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(5):433–7

SURGERY

Meniscus repair in knee ligament injuries. Strand T, et al. **Acta Orthop Scand** 1985 Apr;56(2):130–2

Muscle rehabilitation after arthroscopic meniscectomy with or without tourniquet control. A preliminary randomized study. Thorblad J, et al. **Am J Sports Med** 1985 Mar–Apr; 13(2):133–5

Repairable posterior menisco-capsular disruption in anterior cruciate ligament injuries. Woods GW, et al. **Am J Sports Med** 1984 Sep–Oct;12(5):381–5

The results of arthroscopic partial meniscectomy. Aglietti P, et al. **Arch Orthop Trauma Surg** 1985;104(1):42–8

Arthroscopic meniscal repair. Surgical technique. Hendler RC. **Clin Orthop** 1984 Nov;(190):163–9

Inframeniscal approach for arthroscopic resection of tears of the posterior one-third of the medial meniscus. Hershman EB, et al. **Clin Orthop** 1984 Nov;(190):245–8

Clinical significance of knee joint changes after meniscectomy. Veth RP. **Clin Orthop** 1985 Sep;(198):56–60

Reflex inhibition of the quadriceps after meniscectomy: lack of association with pain. Shakespeare DT, et al. **Clin Physiol** 1985 Apr;5(2):137–44

Rationale for meniscus repair or excision. DeHaven KE. **Clin Sports Med** 1985 Apr;4(2):267–73

Arthrography in the investigation of persistent pain after meniscectomy. Cavina C, et al. **Ital J Orthop Traumatol** 1984 Sep;10(3):363–8

The effect of medial meniscectomy on strain distribution in the proximal part of the tibia. Bourne RB, et al. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1431–7

Late degenerative changes after meniscectomy. Factors affecting the knee after operation. Allen PR, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):666–71

Meniscal repair. An arthroscopic technique. Barber FA, et al. **J Bone Joint Surg [Br]** 1985 Jan;67(1):39–41

Prostaglandin inhibition and the rate of recovery after arthroscopic meniscectomy. A randomised double-blind prospective study. Ogilvie-Harris DJ, et al. **J Bone Joint Surg [Br]** 1985 Aug;67(4):567–71

Early changes in material properties of rabbit articular cartilage after meniscectomy. Hoch DH, et al. **J Orthop Res** 1983;1(1):4–12

Arthroscopic meniscectomy. Tietjens B. **NZ Med J** 1985 Aug 14;98(784):634–6

[Meniscectomy in children] Mrzena V. **Acta Chir Orthop Traumatol Cech** 1985 Feb;52(1):25–30 (Eng. Abstr.) **(Cze)**

[Functional recovery after meniscectomy of the knee. A retrospective study] Dupont L, et al. **Union Med Can** 1985 Jul;114(7):563–7, 570 (Eng. Abstr.) **(Fre)**

[Rare complication following meniscectomy] Lahr-Eigen R, et al. **Beitr Orthop Traumatol** 1984 Nov;31(11):564–6 (Eng. Abstr.) **(Ger)**

[Arthroscopic knee surgery in the district hospital] Osterwalder A, et al. **Helv Chir Acta** 1985 Jan;51(6):621–4 (Eng. Abstr.) **(Ger)**

[Arthrography of the operated meniscus] Beolchi L, et al. **Chir Ital** 1984 Jun;36(3):438–44 (Eng. Abstr.) **(Ita)**

[Clinical evaluation of stability after meniscectomy of the knee after rupture of the anterior cruciate ligament] Lanfranchi R, et al. **Chir Organi Mov** 1984;69(4):379–81 (Eng. Abstr.) **(Ita)**

[Surgical repair of the meniscus] Popović N. **Srp Arh Celok Lek** 1984 Mar;112(3):319–24 (Eng. Abstr.) **(Scc)**

TRANSPLANTATION

The use of meniscal fibrocartilage as a surface arthroplasty to effect the repair of osteochondral defects: an experimental study. Heatley FW, et al. **Biomaterials** 1985 May;6(3):161–8

SEMILUNAR GANGLION see under **TRIGEMINAL NERVE**

SEMINAL VESICLES

Computed tomography, sonography, vesiculography, and MR imaging of a seminal vesicle cyst. Kneeland JB, et al. **J Comput Assist Tomogr** 1985 Sep–Oct;9(5):964–6

Cystadenoma of the seminal vesicle. A case report. Lundhus E, et al. **Scand J Urol Nephrol** 1984;18(4):341–2

Cyst of seminal vesicle associated with ipsilateral renal agenesis. Ejeckam GC, et al. **Urology** 1984 Oct;24(4):372–4

[Seminal vesicle cysts: report of 5 cases] Wu GQ. **Chung Hua Wai Ko Tsa Chih** 1984 May;22(5):304–5 (Eng. Abstr.) **(Chi)**

[A case of seminal vesicle cyst associated with ipsilateral renal dysplasia and ectopic ureter opening into seminal vesicle] Hirano A, et al. **Hinyokika Kiyo** 1983 Oct; 29(10):1315–27 (Eng. Abstr.) **(Jpn)**

[Seminal vesicle cyst associated with contralateral renal agenesis: a case report] Shimamura M, et al. **Hinyokika Kiyo** 1984 Sep;30(9):1263–7 (Eng. Abstr.) **(Jpn)**

[Stones of the seminal vesicles and ejaculatory duct in infant: report of a case] Uchijima Y, et al. **Hinyokika Kiyo** 1984 Dec;30(12):1843–9 (Eng. Abstr.) **(Jpn)**

[Adenocarcinoma of the seminal vesicle] Pustil'nik MI, et al. **Urol Nefrol (Mosk)** 1985 Mar–Apr;(2):62–3 **(Rus)**

ABNORMALITIES

Congenital seminal vesicle cyst: a specific diagnosis by computed tomography. Drolshagen L, et al. **Henry Ford Hosp Med J** 1984;32(2):131–3

[Ectopic ureter opening into a seminal vesicle] Morote Robles J, et al. **Actas Urol Esp** 1985 Mar–Apr;9(2):199–200 **(Spa)**

ANALYSIS

Pregnancy proteins in seminal plasma, seminal vesicles, preovulatory follicular fluid, and ovary. Seppälä M, et al. **Ann NY Acad Sci** 1985;442:212–26

The cDNA cloning of a 55-kilodalton protein from guinea pig seminal vesicle. Evidence that the protein is the precursor of a 25-kilodalton basic secretory protein. Moore JT, et al. **J Biol Chem** 1985 Mar 25;260(6):3826–32

ANATOMY & HISTOLOGY

The use of steroid-containing Silastic implants in male nude mice: plasma hormone levels and the effect of implantation on the weights of the ventral prostate and seminal vesicles. van Steenbrugge GJ, et al. **Prostate** 1984;5(6):639–47

[Possibilities of endocavitary echography in the exploration of the prostate and seminal vesicles] Boronat F, et al. **Actas Urol Esp** 1984 Jul–Aug;8(4):301–8 (Eng. Abstr.) **(Spa)**

BLOOD SUPPLY

[Endovascular occlusion of internal seminal veins in varicoceles in children and adolescents] Vorontsov IuP, et al. **Klin Khir** 1985;(6):37–8 (Eng. Abstr.) **(Rus)**

CYTOLOGY

Indomethacin suppression of the estradiol-induced proliferative response of the seminal vesicles. Lysoń K. **Exp Clin Endocrinol** 1984 Oct;84(2):223–7

Growth of seminal vesicle epithelial cells in serum-free collagen gel culture. Tomooka Y, et al. **In Vitro Cell Dev Biol** 1985 Apr;21(4):237–44

DRUG EFFECTS

Heterogeneity in mouse seminal vesicle epithelial cells responding to androgen as evaluated by incorporation of [125I]iododeoxyuridine. Terada N, et al. **Endocrinology** 1985 Apr;116(4):1466–72

Characterization of the contractile activity of dopamine on the rat isolated seminal vesicle. Castelli M, et al. **Pharmacol Res Commun** 1985 Apr;17(4):351–9

ENZYMOLOGY

Spectral intermediates of prostaglandin hydroperoxidase. Nastainczyk W, et al. **Eur J Biochem** 1984 Oct 15; 144(2):381–5

Hydrolysis of polyphosphoinositides by purified sheep seminal vesicle phospholipase C enzymes. Wilson DB, et al. **J Biol Chem** 1984 Oct 10;259(19):11718–24

Metabolism of androgens in the seminal vesicles and the different lobes of the prostate in young mature rats. Lundmo PI, et al. **J Steroid Biochem** 1985 Apr;22(4):513–9

Mechanism of the stimulation of prostaglandin H synthase and prostacyclin synthase by the antithrombotic and antimetastatic agent, nafazatrom. Marnett LJ, et al. **Mol Pharmacol** 1984 Sep;26(2):328–35

[Androgen regulation of aldolase and phosphohexose isomerase in the liver and seminal vesicles of white rats] Nikulin AA. **Vopr Med Khim** 1985 Mar–Apr;31(2):51–5 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

The growth of individual seminal vesicle epithelial cells and their proliferation. Epperly M, et al. **Proc Soc Exp Biol Med** 1985 Mar;178(3):443–56

INNERVATION

Evidence that ATP is involved as a co-transmitter in the hypogastric nerve supplying the seminal vesicle of the guinea-pig. Meldrum LA, et al. **Eur J Pharmacol** 1985 Apr 16;110(3):363–6

METABOLISM

Androgen regulated genes from prostate and seminal vesicle share upstream sequence homologies. Kandala JC, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):948–52

On the metabolism of epoxyeicosatrienoic acids by ram seminal vesicles: isolation of 5(6)epoxy-prostaglandin F1 alpha. Oliw EH, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1090–6

Biosynthesis of 5,6-dihydroxyprostaglandin E1 and F1 alpha from 5,6-dihydroxyeicosatrienoic acid by ram seminal vesicles. Oliw EH. **Biochim Biophys Acta** 1984 Sep 12; 795(2):384–91

Divergent protein coding regions in otherwise closely related androgen-regulated mRNAs. McDonald CJ, et al. **EMBO J** 1984 Nov;3(11):2517–21

Stability of receptor complexes in the rat ventral prostate and seminal vesicle bound to androgens: thermodynamic study. Satoh Y, et al. **Endocrinol Jpn** 1984 Dec;31(6):771–91

Expression of a secretory protein gene during androgen-induced cell growth. Moore JT, et al. **J Biol Chem** 1984 Dec 10;259(23):14750–6

Testosterone and dihydrotestosterone levels in epididymis, vas deferens, seminal vesicle and preputial gland of mice after hCG injection. Jean-Faucher C, et al. **J Steroid Biochem** 1985 Aug;23(2):201–5

Effects of estradiol on protein synthesis in the fibromuscular stroma from the guinea pig seminal vesicle. Weinberger MJ. **J Urol** 1985 Jun;133(6):1090–2

Androgen regulation of protein synthesis in the seminal vesicle fibromuscular stroma. Weinberger MJ. **Mol Cell Endocrinol** 1984 Dec;38(2–3):163–70

Characterization of the predominant basic protein in human seminal plasma, one cleavage product of the major seminal vesicle protein. Lilja H, et al. **Scand J Clin Lab Invest** 1984 Sep;44(5):439–46

PATHOLOGY

Hemangiosarcoma of the seminal vesicle: case report and literature review. Chiou RK, et al. **J Urol** 1985 Aug; 134(2):371–3

PHYSIOLOGY

Effect of castration on prostaglandin-mediated changes in membrane potential and prostaglandin synthesis in guinea-pig seminal vesicle tissue. Levine N, et al. **J Reprod Fertil** 1985 Mar;73(2):539–45

PHYSIOPATHOLOGY

Fertility potential in the human semen in dysfunction of the accessory genital glands. Mantouvalos H, et al. **Asia Oceania J Obstet Gynaecol** 1984 Dec;10(4):507–11

RADIOGRAPHY

[Conventional or microsurgical op-technic in diagnostic deferens vesiculography?] Fuhse J, et al. **Z Urol Nephrol** 1984 Sep;77(9):537–41 (Eng. Abstr.) **(Ger)**

ULTRASTRUCTURE

Fine structure and protein biosynthesis of the rat seminal vesicles under experimental conditions. König M, et al. **Andrologia** 1985 Jan–Feb;17(1):54–63

Secretory cell activity in the hamster seminal vesicle following castration. A morphometric ultrastructural study. Mata LR, et al. **Biol Cell** 1985;53(2):165–77

[Effects of pinealectomy on the ventral prostatic lobe and the seminal vesicles/coagulating glands of albino rats (I)] Mompó Sanchís JA, et al. **Arch Esp Urol** 1985 Mar–Apr;

38(2):99–110 (Eng. Abstr.) **(Spa)**

SEMINIFEROUS EPITHELIUM see under **TESTIS**

SEMINIFEROUS TUBULES see under **TESTIS**

SEMINOMA see **DYSGERMINOMA**

SEMIOCHEMICALS see **PHEROMONES**

SEMLIKI FOREST VIRUS

Semliki Forest virus infection of mice: a model for genetic and molecular analysis of viral pathogenicity. Atkins GJ, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):395–408 (99 ref.)

Infection of rat brain primary cell cultures with an avirulent A7 strain of Semliki Forest virus. Bruce CB, et al. **J Neurol Sci** 1984 Oct;66(1):77–90

ANALYSIS

[Viral envelopes as models in molecular biology] Kääriäinen L. **Duodecim** 1985;101(3):283–94 **(Fin)**

DRUG EFFECTS

Determination of inhibitory concentrations of antiviral agents in cell culture by use of an enzyme immunoassay with virus-specific, peroxidase-labeled monoclonal antibodies. van Tiel FH, et al. **Antimicrob Agents Chemother** 1985 May; 27(5):802–5

GENETICS

Semliki Forest virus penetration from endosomes: a morphological study. Helenius A. **Biol Cell** 1984; 51(2):181–5

Expression of Semliki Forest virus capsid protein from SV40 recombinant virus. Jalanko A. **FEBS Lett** 1985 Jul 1; 186(1):59–64

Secretion of Semliki Forest virus membrane glycoprotein E1 from Bacillus subtilis. Lundström K, et al. **Virus Res** 1985 Feb;2(1):69–83

IMMUNOLOGY

Detection of Semliki Forest virus in cell culture by use of an enzyme immunoassay with peroxidase-labeled monoclonal antibodies specific for glycoproteins E1 and E2. van Tiel FH, et al. **J Clin Microbiol** 1984 Sep; 20(3):387–90

Mechanisms of monoclonal antibody-mediated protection against virulent Semliki Forest virus. Boere WA, et al. **J Virol** 1985 May;54(2):546–51

Identification of distinct antigenic determinants on Semliki Forest virus by using monoclonal antibodies with different antiviral activities. Boere WA, et al. **J Virol** 1984 Nov; 52(2):575–82

METABOLISM

Role of cholesterol in fusion of Semliki Forest virus with membranes. Kielian MC, et al. **J Virol** 1984 Oct;52(1):281–3

Different membrane anchors allow the Semliki Forest virus spike subunit E2 to reach the cell surface. Riedel H. **J Virol** 1985 Apr;53(4):224–8

PATHOGENICITY

Effects of monovalent cations on Semliki Forest virus entry into BHK-21 cells. Helenius A, et al. **J Biol Chem** 1985 May 10;260(9):5691–7

Modulation of a systemic Semliki Forest virus infection in mice by defective interfering virus. Barrett AD, et al. **J Gen Virol** 1984 Oct;65 (Pt 10):1827–31

Protection of mice infected with a lethal dose of Semliki Forest virus by defective interfering virus: modulation of virus multiplication. Barrett AD, et al. **J Gen Virol** 1984 Nov;65 (Pt 11):1909–20

PHYSIOLOGY

Semliki forest virus entry and the endocytic pathway. Marsh M, et al. **Biochem Soc Trans** 1984 Dec;12(6):981–3

ULTRASTRUCTURE

Defective interfering particles of Semliki Forest virus are smaller than particles of standard virus. Barrett AD, et al. **J Gen Virol** 1984 Dec;65 (Pt 12):2265–8

SEMUSTINE see under **NITROSOUREA COMPOUNDS**

SENDAI VIRUS see **PARA-INFLUENZA VIRUS TYPE I**

SENECIO

Toxicity of Riddell's groundsel (Senecio riddellii) to cattle. Johnson AE, et al. **Am J Vet Res** 1985 Mar;46(3):577–82

The effect of consumption of the pyrrolizidine alkaloid-containing plant Senecio jacobaea on iron and copper metabolism in the rat. Swick RA, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4–5):59–69

Effect of seneciphylline and senecionine on hepatic drug metabolizing enzymes in rats. Kakrani HK, et al. **J Ethnopharmacol** 1984 Dec;12(3):271–8

ANALYSIS

Extraordinary levels of production of pyrrolizidine alkaloids in Senecio riddellii. Molyneux RJ, et al. **J Nat Prod** 1984 Nov–Dec;47(6):1030–2

METABOLISM

Biosynthesis of algal pheromones. A model study with the composite Senecio isatideus. Boland W, et al. **Eur J Biochem** 1985 Feb 15;147(1):83–91

SENECIO ALKALOIDS see **PYRROLIZIDINE ALKALOIDS**

SENESCENCE see **AGING**

SENNA

PHARMACODYNAMICS

Stimulation of PGE2 synthesis and water and electrolyte secretion by senna anthraquinones is inhibited by indomethacin. Beubler E, et al. **J Pharm Pharmacol** 1985 Apr;37(4):248–51

SENSATION

see related
PERCEPTION

Implications of sensory stimulation in self-destructive behavior. Edelson SM. **Am J Ment Defic** 1984 Sep; 89(2):140–5

Universal dissociated anesthesia due to bilateral brain-stem infarcts. Venna N, et al. **Arch Neurol** 1985 Sep;42(9):918–22

Coenesthesis. Schiller F. **Bull Hist Med** 1984 Winter; 58(4):496–515

The role of hallucinogenic drugs and sensory stimuli in Peruvian ritual healing. Joralemon D. **Cult Med Psychiatry** 1984 Dec;8(4):399–430

Effects of a commercial soy lecithin preparation on development of sensorimotor behavior and brain biochemistry in the rat. Bell JM, et al. **Dev Psychobiol** 1985 Jan;18(1):59–66

Evaluation of thermal and vibration sensation in diabetic neuropathy. Guy RJ, et al. **Diabetologia** 1985 Mar; 28(3):131–7

ERPs associated with decisions based on slowly increasing warm and painful stimuli. Morgan JM, et al. **Electroencephalogr Clin Neurophysiol** 1984 Oct; 58(4):343–50

Sensory integrative therapy and speech therapy for improving the perceptual motor skills and speech articulation of a dyspractic boy. Jaroma M, et al. **Folia Phoniatr (Basel)** 1984;36(6):261–6

The patient with sensory loss. Coleman WC, et al. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):255–7

The response of the peripheral branches of the trigeminal nerve to trauma. Ferdousi AM, et al. **Int J Oral Surg** 1985 Feb;14(1):41–6

Restoration of sensibility to anesthetic scarred digits with free vascularized nerve grafts from the dorsum of the foot. Rose EH, et al. **J Hand Surg [Am]** 1985 Jul;10(4):514–21

Determining the recipient site for a sensory island pedicle. Cunningham MW, et al. **J Hand Surg [Br]** 1984 Oct; 9(3):251–2

Thumb reconstruction by free sensory flaps from the foot using microsurgical techniques. Minami A, et al. **J Hand Surg [Br]** 1984 Oct;9(3):239–44

A role for bombesin in sensory processing in the spinal cord. O'Donohue TL, et al. **J Neurosci** 1984 Dec;4(12):2956–62

Evaluation of long-term sensory changes following mandibular augmentation procedures. Bailey PH, et al. **J Oral Maxillofac Surg** 1984 Nov;42(11):722–7

Acute predominantly sensory neuropathy. Sahashi K, et al. **Klin Wochenschr** 1985 Apr 1;63(7):319–24

Pain perception in diabetic neuropathy [editorial] **Lancet** 1985 Jan 12;1(8420):83–4

Reflex modification as an objective test for sensory processing following toxicant exposure. Ison JR. **Neurobehav Toxicol Teratol** 1984 Nov–Dec;6(6):437–45

The steroid treatment of hereditary motor and sensory neuropathy. Prensky AL, et al. **Neuropediatrics** 1984 Oct; 15(4):203–7

Ipsilateral sensory symptoms caused by a temporal lobe glioma. Bucci MN, et al. **Neurosurgery** 1985 Aug; 17(2):332–4

Temporal course of motor recovery after Brown-Sequard spinal cord injuries. Little JW, et al. **Paraplegia** 1985 Feb; 23(1):39–46

Countertransference, sensory images, and the therapeutic cure. Bady SL. **Psychoanal Rev** 1984 Dec;71(4):529–39

Sensation information, self-instruction and responses to dental surgery. Sime AM, et al. **Res Nurs Health** 1985 Mar; 8(1):41–7

Sensory factors in space flight. Lackner JR. **Sangyo Ika Daigaku Zasshi** 1985 Mar 1;7 Suppl:185–93

Dipterex (Trichlorfon) poisoning. Clinical and pathological studies in human and monkeys. Shiraishi S, et al. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:125–32

Smoking and pain--a method of limits and sensory decision theory analysis. Mueser K, et al. **Scand J Psychol** 1984; 25(4):289–96

[Studies on primary afferent somatosensory and proprioceptive activities in the human] Wang KM, et al. **Sheng Li Ko Hsueh Chin Chan** 1984 Jul;15(3):265–7 **(Chi)**

[Effect of hypnosuggestion on the reception and processing of sensory information] Cerný M. **Cesk Psychiatr** 1984 Aug; 80(4):274–8 (Eng. Abstr.) **(Cze)**

[Abnormalities of the sensation of the need to urinate in multiple sclerosis. Clinical and urodynamic study. Apropos of 100 cases] Perrigot M, et al. **Ann Urol (Paris)** 1985; 19(1):13–8 (Eng. Abstr.) **(Fre)**

[Trigeminal sensory neuropathy disclosing sarcoidosis (letter)] Dupuy M, et al. **Presse Med** 1985 Feb 16; 14(7):426–7 **(Fre)**

[Specialized sensory perception in women with polycystic ovaries] Chterev AD, et al. **Rev Fr Gynecol Obstet** 1984 Nov;79(11):701–5 (Eng. Abstr.) **(Fre)**

[Isolated sensory deficiency caused by infarction in the region of the anterior choroidal artery] Derouesné C, et al. **Rev Neurol (Paris)** 1985;141(4):311–4 (Eng. Abstr.) **(Fre)**

[Sensori-motor neuropathy in rheumatoid polyarthritis. Anatomo-clinical study] Duboureau J, et al. **Rev Rhum Mal Osteoartic** 1985 May;52(5):329–31 **(Fre)**

[Results of replantation in thumb amputations. New examination methods for evaluation of sensation] Hesoun P, et al. **Handchir Mikrochir Plast Chir** 1985 Jul;17(4):234–7 (Eng. Abstr.) **(Ger)**

[Incorporation of psychophysiologic pallesthesiometry into the diagnostic method inventory of industrial medical care of vibration-exposed workers] Oeser R, et al. **Z Gesamte Hyg** 1984 Jul;30(7):389–92 (Eng. Abstr.) **(Ger)**

[Pure sensory stroke due to midbrain hemorrhage--case report] Ueki H, et al. **No To Shinkei** 1985 Feb;37(2):169–72 (Eng. Abstr.) **(Jpn)**

[Two cases of syringomyelia showing atypical neurological sings] Hokezu Y, et al. **Rinsho Shinkeigaku** 1985 Mar; 25(3):267–70 (Eng. Abstr.) **(Jpn)**

[Infectious mononucleosis associated with aseptic meningitis and segmental sensory disturbance] Kakigi R, et al. **Rinsho Shinkeigaku** 1984 Nov;24(11):1117–20 (Eng. Abstr.) **(Jpn)**

[Sensory disturbances in amyotrophic lateral sclerosis] Tashiro K. **Rinsho Shinkeigaku** 1984 Dec;24(12):1250–3 (Eng. Abstr.) **(Jpn)**

[Evaluation of six screening tests for vibration syndrome] Iwasaki S, et al. **Sangyo Igaku** 1984 Nov;26(6):477–82 (Eng. Abstr.) **(Jpn)**

[Pre-verbality in focusing and the need for self check. An attempt at 'focusing check'] Masui T, et al. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):243–8 (Eng. Abstr.) **(Jpn)**

DRUG EFFECTS

Fluorouracil and the palmar-plantar erythrodysesthesia syndrome [letter] Atkins JN. **Ann Intern Med** 1985 Mar; 102(3):419

Adverse response to endodontic material containing paraformaldehyde. Fanibunda KB. **Br Dent J** 1984 Oct 6; 157(7):231–5

Octopamine and chlordimeform enhance sensory responsiveness and production of the flight motor pattern in developing and adult moths. Kinnamon SC, et al. **J Neurobiol** 1984 Jul;15(4):283–93

Pyrethroid-mediated skin sensory stimulation characterized by a new behavioral paradigm. Cagen SZ, et al. **Toxicol Appl Pharmacol** 1984 Nov;76(2):270–9

PHYSIOLOGY

From sensory periphery to cortex: the architecture of the barrelfield as modified by various early manipulations of the mouse whiskerpad. Andrés FL, et al. **Anat Embryol (Berl)** 1985;172(1):11–20

The second sensory area in humans: evoked potential and electrical stimulation studies. Lüders H, et al. **Ann Neurol** 1985 Feb;17(2):177–84

Selective association in conditioned stress-induced analgesia: functional differences in interoceptive and exteroceptive sensory pathways. Jensen TS, et al. **Behav Neural Biol** 1985 Mar;43(2):218–21

Basal ganglia role in behavior: importance of sensory gating and its relevance to psychiatry. Schneider JS. **Biol Psychiatry** 1984 Dec;19(12):1693–710

Long term effects of cryosurgery on cutaneous sensation. Sonnex TS, et al. **Br Med J [Clin Res]** 1985 Jan 19; 290(6463):188–90

Substance P and the sensory innervation of intracranial and extracranial feline cephalic arteries. Implications for vascular pain mechanisms in man. Norregaard TV, et al. **Brain** 1985 Jun;108 (Pt 2):517–33

Tympanic membrane sensation. Saunders RL, et al. **Brain** 1985 Jun;108 (Pt 2):387–404

Postnatal development of sensory influences on neurons in the ventromedial hypothalamic nucleus of the rat. Almli CR, et al. **Brain Res** 1985 Feb;350(1–2):13–26

Noxious cardiac input onto neurons in medullary reticular formation. Blair RW. **Brain Res** 1985 Feb 11;326(2):335–46

Neuronal activity recorded from the spinal dorsal horn of physiologically intact, awake, drug-free, restrained cats: a preliminary report. Collins JG. **Brain Res** 1984 Nov 26; 322(2):301–4

A suspected infrared-recipient nucleus in the brainstem of the vampire bat, Desmodus rotundus. Kishida R, et al. **Brain Res** 1984 Nov 26;322(2):351-5

A consideration of sensory factors involved in motor functions of the basal ganglia. Lidsky TI, et al. **Brain Res** 1985 Jun;356(2):133-46 (87 ref.)

Dendrites of deep layer, somatosensory superior collicular neurons extend into the superficial laminae. Mooney RD, et al. **Brain Res** 1984 Dec 24;324(2):361-5

The restoration of sensibility by nerve translocation. Lewis RC Jr, et al. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall; 44(2):288-96

Phantom sensations after excision of the rectum. Lubbers EJ. **Dis Colon Rectum** 1984 Dec;27(12):777-8

Localization of sensory levels in traumatic quadriplegia by segmental somatosensory evoked potentials. Louis AA, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul; 62(4):313-6

Electrophysiological studies in myotonic dystrophy. 1: Potential motor unit parameters and conduction velocity of the motor and sensory peripheral nerve fibres. Cruz Martinez A, et al. **Electromyogr Clin Neurophysiol** 1984 Nov-Dec;24(7):523-35

The influence of vitamin B6 deficiency on somatosensory stimulus conduction in the rat. Claus D, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(2):102-5

Influence of skin temperature distribution on thermal sensation in a cool environment. Nielsen R, et al. **Eur J Applied Physiol** 1984;53(3):225-30

Convergence of sensory inputs in somatosensory cortex: interactions from separate afferent sources. Kang R, et al. **Exp Brain Res** 1985;57(2):271-8

The responses of cat motor cortical units to electrical cutaneous stimulation during locomotion and during lifting, falling and landing. Palmer CI, et al. **Exp Brain Res** 1985; 58(1):102-16

A quantitative analysis of stimulus- and movement-related responses in the posterior parietal cortex of the monkey. Seal J, et al. **Exp Brain Res** 1985;58(1):144-53

Somatic receptive-field properties of single fibres in the rostral portion of the corpus callosum in awake cats. Spidalieri G, et al. **Exp Brain Res** 1985;58(1):75-81

Changes in functional state and subjective sensations during heat adaptation. Mar'yanovich AT, et al. **Hum Physiol** 1983 Nov-Dec;9(6):416-22

Respiratory sensations and dyspnea. Altose M, et al. **J Appl Physiol** 1985 Apr;58(4):1051-4

Sensation of respiratory force following low cervical spinal cord transection. Gottfried SB, et al. **J Appl Physiol** 1984 Oct;57(4):989-94

Voluntary dehydration and alliesthesia for water. Hubbard RW, et al. **J Appl Physiol** 1984 Sep;57(3):868-73

Effect of frequency on perceived magnitude of added loads to breathing. Killian KJ, et al. **J Appl Physiol** 1985 May; 58(5):1616-21

Effect of increased lung volume on perception of breathlessness, effort, and tension. Killian KJ, et al. **J Appl Physiol** 1984 Sep;57(3):686-91

Scaling of added loads to breathing: magnitude estimation vs. handgrip matching. Muza SR, et al. **J Appl Physiol** 1984 Sep;57(3):888-91

Mapping increased glycogen phosphorylase activity in dorsal root ganglia and in the spinal cord following peripheral stimuli. Woolf CJ, et al. **J Comp Neurol** 1985 Apr 1; 234(1):60-76

Sensitivity following volar V-Y plasty for fingertip amputations. Tupper J, et al. **J Hand Surg [Br]** 1985 Jun; 10(2):183-4

Sensitivity and localizing significance of motor and sensory electroneurographic parameters in the diagnosis of ulnar nerve lesions at the elbow. A reappraisal. Tackmann W, et al. **J Neurol** 1984;231(4):204-11

Spinal angiomatosis presenting as a sensory neuropathy [letter] Hughes RA, et al. **J Neurol Neurosurg Psychiatry** 1985 Mar;48(3):288-90

Orthodromic sensory action potentials from palmar stimulation in the diagnosis of carpal tunnel syndrome. Mills KR. **J Neurol Neurosurg Psychiatry** 1985 Mar; 48(3):250-5

Absence of enhanced physiological tremor in patients without muscle or cutaneous afferents. Sanes JN. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):645-9

Experiments on functional role of peripheral input to motor cortex during voluntary movements in the monkey. Asanuma H, et al. **J Neurophysiol** 1984 Aug;52(2):212-27

Primate globus pallidus and subthalamic nucleus: functional organization. DeLong MR, et al. **J Neurophysiol** 1985 Feb; 53(2):530-43

Active force and sensory response of single isolated cat muscle spindles in vitro. Fukami Y. **J Neurophysiol** 1984 Dec;52(6):1131-9

Development of somatosensory responsiveness in the basal ganglia in awake cats. Schneider JS, et al. **J Neurophysiol** 1985 Jul;54(1):143-54

Sensory and motor responses to deep brain stimulation. Correlation with anatomical structures. Namba S, et al. **J Neurosurg** 1985 Aug;63(2):224-34

The time of a conscious sensory experience and mind-brain theories. Honderich T. **J Theor Biol** 1984 Sep 7; 110(1):115-29

Sensory symptoms in Parkinson's disease and the opioid system. Sandyk R. **Med Hypotheses** 1985 Apr;16(4):361-4

Trigeminal sensorimotor mechanisms and ingestive behavior. Zeigler HP, et al. **Neurosci Biobehav Rev** 1984 Fall; 8(3):415-23

Cardiovascular responses and the sense of effort during attempts to contract paralysed muscles: role of the spinal cord. Hobbs SF, et al. **Neurosci Lett** 1985 Jun 4;57(1):85-90

Sensory representation in the cerebellum of the catfish. Lee LT, et al. **Neuroscience** 1984 Sep;13(1):157-69

Comparison of the adaptation time constants of the vestibulo-ocular reflex and of the sensation of rotation during sinusoidal stimulation. Rodenburg M, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(3):158-66

Observations on facial nociception in a monkey after destruction of the rostral part of the trigeminal sensory nuclear complex. Lisney SJ. **Pain** 1985 Feb;21(2):129-35

Microneuronography and its relation to perceived sensation. A critical review. Wall PD, et al. **Pain** 1985 Mar; 21(3):209-29

Gender differences in the perception of pungency. Cometto-Muñiz JE, et al. **Physiol Behav** 1985 Mar; 34(3):385-9

Acquisition of dietary self-selection in rats with normal and impaired oral sensation. Miller MG, et al. **Physiol Behav** 1985 Mar;34(3):401-8

Neuromagnetic studies of somatosensory system: principles and examples. Hari R, et al. **Prog Neurobiol** 1985; 24(3):233-56

Human neuropsychological imaging studies of local brain metabolism: strategies and results. Mazziotta JC, et al. **Res Publ Assoc Res Nerv Ment Dis** 1985;63:121-37

Determination of local cerebral glucose metabolism in humans: methodology and applications to the study of sensory and cognitive stimuli. Reivich M, et al. **Res Publ Assoc Res Nerv Ment Dis** 1985;63:105-19

Two-point discriminability: relation to properties of the somatosensory system. Fuchs JL, et al. **Somatosens Res** 1984;2(2):163-9

Differential sensitivity to airpuffs on human hairy and glabrous skin. Hamalainen H, et al. **Somatosens Res** 1985; 2(4):281-302

[Selective stabilization of neuronal representations by resonance between spontaneous prerepresentations of the cerebral network and percepts evoked by interaction with the outside world] Heidmann A, et al. **C R Acad Sci [III]** 1984;299(20):839-44 (Eng. Abstr.) **(Fre)**

[Lateral differences in protopathic and epicritic sensitivity] Pöllmann L. **Dtsch Zahnarztl Z** 1984 Jul;39(7):554-6 (Eng. Abstr.) **(Ger)**

[Motor, sensory electroneurographic and electromyographic results as well as somatosensory evoked potentials in comparison to clinical findings following nerve suture] Tackmann W, et al. **Fortschr Neurol Psychiatr** 1985 Apr; 53(4):123-33 (Eng. Abstr.) **(Ger)**

[Effect of artificial skull deformation in vitro on sensory performance in the human. Morphologic and tomographic study based on the calvarium E2 of Tell es Sultan/Jericho (7th millenium b.c.)] Röhrer-Ertl O, et al. **Gegenbaurs Morphol Jahrb** 1984;130(5):677-97 (Eng. Abstr.) **(Ger)**

[Eaton-Lambert myasthenic syndrome, subacute cortical cerebellar degeneration and somatosensory polyneuropathy in small cell bronchial cancer] König F, et al. **Nervenarzt** 1984 Aug;55(8):436-40 **(Ger)**

[Neurophysiologic findings in chronic alcohol abuse] Müller D, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Mar; 37(3):129-32 (Eng. Abstr.) **(Ger)**

[Computerized thermometry and skin esthesiometry of the hands in the diagnosis of peripheral vascular disease due to vibrating tools] Perbellini L, et al. **Med Lav** 1984 Jul-Aug;75(4):282-95 (Eng. Abstr.) **(Ita)**

[The regional differences of warmth and thermal comfort sensation] Morioka M, et al. **Ann Physiol Anthropol** 1984 Jul;3(3):247-50 (Eng. Abstr.) **(Jpn)**

[Central organization of the sensory function of the brain] Batuev AS. **Biol Nauki** 1984;(8):5-22 (18 ref.) (Eng. Abstr.) **(Rus)**

[Sensory information utilization by integrative brain structures] Al'tman IaA. **Fiziol Cheloveka** 1984 Sep-Oct; 10(5):753-60 **(Rus)**

[Critical interval of discreteness as a function of the duration of stimulating signals] Borodin AS, et al. **Fiziol Cheloveka** 1984 May-Jun;10(3):364-9 **(Rus)**

[Skin and deep tactile sensitivity of humans to the local action of ultrasonics] Tsirul'nikov EM, et al. **Fiziol Cheloveka** 1985 Mar-Apr;11(2):241-6 **(Rus)**

[General patterns of the sensory processes in exposure to extreme stimuli] Medvedev VI, et al. **Fiziol Zh SSSR** 1984 Dec;70(12):1600-5 (Eng. Abstr.) **(Rus)**

[Effectiveness of thermal insulation and heat sensation in man] Malkiman II, et al. **Gig Sanit** 1985 Apr;(4):29-32 (Eng. Abstr.) **(Rus)**

[Effect of impulse-sensory training on peripheral blood indicators] Iurdanov VS, et al. **Ter Arkh** 1984;56(12):105-10 (Eng. Abstr.) **(Rus)**

[Vibration sensitivity in traumatic lesions of peripheral nerves] Korotkevich EA, et al. **Zh Nevropatol Psikhiatr** 1985;85(5):677-81 (Eng. Abstr.) **(Rus)**

[Diagnostic value of studies of vibration sensitivity in hernias of the lumbar intervertebral disks] Farber MA. **Zh Vopr Neirokhir** 1984 Jul-Aug;(4):26-8 (Eng. Abstr.) **(Rus)**

SENSE ORGANS

see related
RECEPTORS, SENSORY

ANATOMY & HISTOLOGY

Neuroanatomical evidence for electroreception in lampreys. Fritzsch B, et al. **Z Naturforsch [C]** 1984 Jul-Aug; 39(7-8):856-8

[Topography of the ampulla of Lorenzini system of Raja clavata and its role in electroorientation] Antipin NP, et al. **Neirofiziologiia** 1984;16(6):815-21 (Eng. Abstr.) **(Rus)**

EMBRYOLOGY

Vomeronasal organs and nerves of Jacobson in the human fetus. Nakashima T, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr;99(3-4):266-71

GROWTH & DEVELOPMENT

Postembryonic changes in the peripheral electrosensory system of a weakly electric fish: addition of receptor organs with age. Zakon HH. **J Comp Neurol** 1984 Oct 1; 228(4):557-70

INNERVATION

Immunochemical identification of subgroups of vomeronasal nerve fibers and their segregated terminations in the accessory olfactory bulb. Imamura K, et al. **Brain Res** 1985 Mar 4;328(2):362-6

Segregation of electroreceptive and mechanoreceptive lateral line afferents in the hindbrain of chondrostean fishes. New JG, et al. **Brain Res** 1985 Jun 10;336(1):89-98

Neonatal facial nerve extirpations fail to produce alterations in the barrel field in the primary somatosensory cortex of mice. Rice FL. **Brain Res** 1984 Nov 26;322(2):393-5

A Golgi study of the cell types of the dorsal torus semicircularis of the electric fish Eigenmannia: functional and morphological diversity in the midbrain. Carr CE, et al. **J Comp Neurol** 1985 May 8;235(2):207-40

Central organization of eighth nerve and mechanosensory lateral line systems in the brainstem of ictalurid catfish. Finger TE, et al. **J Comp Neurol** 1984 Oct 10;229(1):129-51

Peripheral configuration and central projections of the lateral line system in Astronotus ocellatus (Cichlidae): a nonelectroreceptive teleost. Meredith GE. **J Comp Neurol** 1984 Sep 20;228(3):342-58

Anatomy of the posterior lateral line system in young larvae of the zebrafish. Metcalfe WK, et al. **J Comp Neurol** 1985 Mar 15;233(3):377-89

A horseradish peroxidase procedure for tracing the central projections of peripheral nerves in exsanguinated anamniotes. McCormick CA, et al. **Neurosci Lett** 1984 Oct 12;51(2):207-12

Specialized neuroglial arrangement may explain the capacity of vomeronasal axons to reinnervate central neurons. Raisman G. **Neuroscience** 1985 Jan;14(1):237-54

Contemporary sensory neurobiology. Proceedings of the third symposium of the Galveston Chapter of the Society for Neuroscience. Galveston, Texas, May 14 and 14, 1984. **Prog Clin Biol Res** 1985;176:1-359

[Effect of picrotoxin on the receptive fields of neurons of the vibrissal projection area in the cerebral cortex of the cat] Aleksandrov AA, et al. **Neirofiziologiia** 1984; 16(6):838-42 (Eng. Abstr.) **(Rus)**

[Spontaneous activity of the hair cells of the snail statocyst and changes in it as a result of intracellular stimulation] Ovchinnikov AV. **Neirofiziologiia** 1985;17(2):222-9 (Eng. Abstr.) **(Rus)**

[Hair cell interactions in the statocyst of the snail] Ovchinnikov AV. **Neirofiziologiia** 1985;17(2):230-9 (Eng. Abstr.) **(Rus)**

[Innervation and ultrastructure of the ampullae of Lorenzini of the lesser spotted dogfish, Scyliorhinus canicula, L.] Lázaro García A, et al. **Trab Inst Cajal Invest Biol** 1982; 73(1-2):79-93 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Vibrissae tactile stimulation: (14C) 2-deoxyglucose uptake in rat brainstem, thalamus, and cortex. Gonzalez MF, et al. **J Comp Neurol** 1985 Jan 22;231(4):457-72

2-Deoxyglucose labelling of the infrared sensory system in the rattlesnake, Crotalus viridis. Gruberg ER, et al. **J Comp Neurol** 1984 Nov 1;229(3):321-8

[Effect of potassium ions on the electrical activity of ampullae of Lorenzini in the skate] Akoev GN, et al. **Neirofiziologiia** 1984;16(4):493-7 (Eng. Abstr.) **(Rus)**

[Reactions of the ampullae of Lorenzini of the skate to electric stimulation after polarization of the receptor epithelium] Broun GR, et al. **Neirofiziologiia** 1984; 16(6):836-8 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Ultrastructure of the sensory epithelium in the chemoreceptor-areas of the tentacle of Onchidella celtica Cuv. (Pulmonata, Onchidiacea). Wondrak G. **Z Mikrosk Anat Forsch** 1984;98(4):551-65

SENSITIVITY, CONTACT see **DERMATITIS, CONTACT**

SENSITIZATION, IMMUNOLOGIC see

IMMUNIZATION

SENSORY AIDS

Tactile aids for the deaf: a comprehensive bibliography. Proctor A. **Am Ann Deaf** 1984 Nov;129(5):409–16

Visual acuity with the ITT Night Vision Aid for patients with night blindness. Hoover KL. **Am J Optom Physiol Opt** 1983 Sep;60(9):762–8

Visual performance and reading capacity of partially sighted persons in a rehabilitation center. Krischer CC, et al. **Am J Optom Physiol Opt** 1985 Jan;62(1):52–8

Learning as a function of haptic discriminability among items. Newman SE, et al. **Am J Psychol** 1984 Fall;97(3):359–72

Engineering therapy: an approach to treatment of a patient with severe cognitive and physical handicaps. Levine SP, et al. **Arch Phys Med Rehabil** 1984 Nov;65(11):737–9

Maintaining visual functions in the elderly. Faye EE. **Bull NY Acad Med** 1984 Dec;60(10):987–93

A comparison of the word recognition processes of blind and sighted children. Pring L. **Child Dev** 1984 Oct; 55(5):1865–77

A research prototype of an inkbraille reading aid. Elster SM, et al. **IEEE Trans Biomed Eng** 1985 Aug;32(8):633–6

A tactile vision-substitution system for the blind: computer-controlled partial image sequencing. Kaczmarek K, et al. **IEEE Trans Biomed Eng** 1985 Aug;32(8):602–8

An optoelectronic device to read and spell braille--braillect. Lachiver G, et al. **IEEE Trans Biomed Eng** 1984 Aug; 31(8):560–3

Electrocutaneous communication in a guide dog robot (MELDOG). Tachi S, et al. **IEEE Trans Biomed Eng** 1985 Jul;32(7):461–9

Tactile pattern perception and its perturbations. Craig JC. **J Acoust Soc Am** 1985 Jan;77(1):238–46 (35 ref.)

Tactile aids for profoundly deaf children. Goldstein MH Jr, et al. **J Acoust Soc Am** 1985 Jan;77(1):258–65

Touch as a communicative sense: introduction. Sherrick CE. **J Acoust Soc Am** 1985 Jan;77(1):218–9

Evaluation of reinforcer preferences for profoundly handicapped students. Wacker DP, et al. **J Appl Behav Anal** 1985 Summer;18(2):173–8

Effect of using an auditory trainer on the attentional, language, and social behaviors of autistic children. Smith DE, et al. **J Autism Dev Disord** 1985 Sep;15(3):285–302

Remediation of intonation contours of hearing-impaired students. Friedman M. **J Commun Disord** 1985 Aug; 18(4):259–72

Inkbraille as a potential new reading system for the blind. Hislop DW, et al. **J Rehabil Res Dev** 1984 Jul;21(2):54–7

Auditory implants and tactile aids for the profoundly deaf. Pickett JM, et al. **J Speech Hear Res** 1985 Mar;28(1):134–50 (91 ref.)

Aphasic dyslexia of Braille in a congenitally blind man. Birchmeier AK. **Neuropsychologia** 1985;23(2):177–93

Hemispheric specialization for language in the congenitally blind: the influence of the Braille system. Karavatos A, et al. **Neuropsychologia** 1984;22(4):521–5

Strategy choices by young Braille readers. Millar S. **Perception** 1984;13(5):567–79

Learning spatial dimensions with a visual sensory aid: Molyneux revisited. Warren DH, et al. **Perception** 1984; 13(3):331–50

A study of braille reading: 2. Patterns of hand activity in one-handed and two-handed reading. Bertelson P, et al. **Q J Exp Psychol [A]** 1985 May;37(2):235–56

A study of braille reading: 1. Reading speed as a function of hand usage and context. Mousty P, et al. **Q J Exp Psychol [A]** 1985 May;37(2):217–33

[Aid for physically handicapped children: 5-year experience with a collection facility] Röper I, et al. **Rehabilitation (Stuttg)** 1984 Aug;23(3):117–9 (Eng. Abstr.) **(Ger)**

[Sensory prosthesis for the blind and the deaf] Yoshimoto C. **Iyodenshi To Seitai Kogaku** 1984 Oct;22(6):401–6 (12 ref.) **(Jpn)**

HISTORY

Evolution of reading machines for the blind: Haskins Laboratories' research as a case history. Cooper FS, et al. **J Rehabil Res Dev** 1984 May;21(1):51–87

TRENDS

[Most recent developments in the field of optical and electronic visual aids for severely visually handicapped and blind patients] Jaeger W, et al. **Klin Monatsbl Augenheilkd** 1985 Apr;186(4):251–3 (Eng. Abstr.) **(Ger)**

UTILIZATION

How do visually handicapped children use their low vision aids? Meire F, et al. **Bull Soc Belge Ophtalmol** 1983; 207:129–42

SENSORY DEPRIVATION

see related

MENTAL RETARDATION, PSYCHOSOCIAL

Sensory deprivation and clinical psychiatry. Slade PD. **Br J Hosp Med** 1984 Nov;32(5):256–60

Survival of early monocular deprivation effects in cortical cells of kittens following prolonged dark rearing. Yinon U, et al. **Brain Res** 1984 Sep;318(1):135–46

The anatomy of geniculocortical connections in monocularly deprived cats. Tieman SB. **Cell Mol Neurobiol** 1985 Jun; 5(1–2):35–45 (50 ref.)

Development of sound production in normal, isolated, and deafened kittens during the first postnatal months. Romand R, et al. **Dev Psychobiol** 1984 Nov;17(6):629–49

Deprivation of early sensorimotor experience and cognition in the severely involved cerebral-palsied child. Eagle RS. **J Autism Dev Disord** 1985 Sep;15(3):269–83

Can functional reorganization of area 17 following monocular deprivation be modified by GM1 internal ester treatment? Carmignoto G, et al. **J Neurosci Res** 1984;12(2–3):477–83

Humanistic care of the patient in seclusion. Baradell JG. **J Psychosoc Nurs Ment Health Serv** 1985 Feb;23(2):9–14

Changes in tactile sensitivity as a function of 14 days of auditory restriction. Bross M, et al. **Percept Mot Skills** 1984 Dec;59(3):966

Critical period for the entrainment of the circadian rhythm in blinded pups by dams. Sasaki Y, et al. **Physiol Behav** 1984 Jul;33(1):105–9

PHYSIOLOGY

Development of vertical vestibulo-ocular reflex characteristics in intact and flocculectomized rabbits visually deprived from birth. Favilla M, et al. **Behav Brain Res** 1984 Sep;13(3):209–16

Retinal and tectal responses to alternating gratings are unaffected by monocular deprivation in pigeons. Bagnoli P, et al. **Brain Res** 1985 Jul 15;338(2):341–5

Amblyopia results from chronic blurring of visual images during development. Deering KR, et al. **Brain Res** 1984 Aug;317(2):302–6

Effect of reopening an eye after a period of monocular deprivation on sizes of neurons in the primate lateral geniculate nucleus. Headon MP, et al. **Brain Res** 1985 Feb; 350(1–2):79–83

Effects of monocular closure at different ages on deprived and undeprived cells in the primate lateral geniculate nucleus. Headon MP, et al. **Brain Res** 1985 Feb; 350(1–2):57–78

Benzodiazepine receptors in the visual structures of monocularly deprived rats. Effect of light and dark adaptation. Rothe T, et al. **Brain Res** 1985 Mar 11; 329(1–2):143–50

Simultaneous hypertrophy of cells related to each eye in the lateral geniculate nucleus of the infant monkey following short-term reverse suture. Sloper JJ, et al. **Brain Res** 1984 Aug;317(2):295–7

Developmentally induced loss of direction-selective neurons in the cat's lateral suprasylvian visual cortex. Spear PD, et al. **Brain Res** 1985 Jun;352(2):281–5

Decrease in the number of synapses formed by subcortical inputs to the striate cortex of binocularly deprived cats. Turlejski K, et al. **Brain Res** 1985 Apr 1;331(1):115–25

Unilateral odor deprivation: time course of changes in laminar volume. Brunjes PC. **Brain Res Bull** 1985 Mar; 14(3):233–7

The influence of blinding, olfactory bulbectomy, and pinealectomy on twenty four-hour plasma prolactin levels in normal and neonatally androgenized female rats. Gala RR, et al. **Endocrinology** 1984 Oct;115(4):1256–61

Involvement of beta-adrenoreceptors in the shift of ocular dominance after monocular deprivation. Kasamatsu T, et al. **Exp Brain Res** 1985;59(3):507–14

The effects of short term flotation REST on relaxation: a controlled study. Jacobs GD, et al. **Health Psychol** 1984; 3(2):99–112

A comparison of the response of specific sensory and noradrenergic afferents to enucleation-induced deafferentation of the mammalian superior colliculus. Rhoades RW. **J Am Osteopath Assoc** 1984 Sep;84(1 Suppl):111–8

Postnatal development of the ipsilateral retinocollicular projection and the effects of unilateral enucleation in the golden hamster. Insausti R, et al. **J Comp Neurol** 1985 Apr 15;234(3):393–409

Dark rearing prolongs physiological but not anatomical plasticity of the cat visual cortex. Mower GD, et al. **J Comp Neurol** 1985 May 22;235(4):448–66

Reduced effects of monocular deprivation on a population of A-laminae neurons in the cat's dorsal lateral geniculate nucleus. Peduzzi JD, et al. **J Comp Neurol** 1984 Oct 20; 229(2):279–84

Effects of strabismus and monocular deprivation on the eye preference of neurons in the visual claustrum of the cat. Perkel DJ, et al. **J Comp Neurol** 1984 Dec 1;230(2):269–77

Fiber number in the mushroom bodies of adult Drosophila melanogaster depends on age, sex and experience. Technau GM. **J Neurogenet** 1984 Apr;1(2):113–26

Role of visual experience in activating critical period in cat visual cortex. Mower GD, et al. **J Neurophysiol** 1985 Feb; 53(2):572–89

Effects of pattern deprivation on visual cortical cells in the rabbit: a reevaluation. Murphy EH. **J Neurophysiol** 1985 Jun;53(6):1535–50

Metabolic alterations in rat somatosensory cortex following unilateral vibrissal removal. Dietrich WD, et al. **J Neurosci** 1985 Apr;5(4):874–80

Maturation of visual callosal connections in visually deprived kittens: a challenging critical period. Innocenti GM, et al. **J Neurosci** 1985 Feb;5(2):255–67

Critical periods for effects of monocular deprivation: differences between striate and extrastriate cortex. Jones KR, et al. **J Neurosci** 1984 Oct;4(10):2543–52

The influence of blinding, olfactory bulbectomy and pinealectomy on plasma and anterior pituitary prolactin levels and on uterine and anterior pituitary weights in normal and neonatally androgenized rats. Gala RR, et al. **Life Sci** 1985 Apr 29;36(17):1617–24

Electrical responses of pineal cells to pineal indoles and putative transmitters in intact and blinded pigeons. Demaine C, et al. **Neuroendocrinology** 1984 Nov; 39(5):408–13

The effects of binocular and monocular occlusion on the number of optic nerve axons containing degenerative organelles. Ehrlich D, et al. **Neurosci Lett** 1985 Mar 15; 54(2–3):351–6

Effects of early anosmia on two classes of granule cells in developing mouse olfactory bulbs. Skeen LC, et al. **Neurosci Lett** 1985 Mar 15;54(2–3):301–6

Flicker detection in the albino rat following light-induced retinal damage. Williams RA, et al. **Physiol Behav** 1985 Feb;34(2):259–66

[Characteristics of the formation of reinforcing brain systems in rats under the limitation of individual experience] Vartanian GA, et al. **Fiziol Zh SSSR** 1984 Jul;70(7):969–75 (Eng. Abstr.) **(Rus)**

[Effect of visual deprivation on the development of mediator receptors in the visual system of the rat] Bisol'd D, et al. **Neirofiziologiia** 1984;16(5):691–701 (Eng. Abstr.) **(Rus)**

SENSORY MOTOR PERFORMANCE see **PSYCHOMOTOR PERFORMANCE**

SENSORY NEUROPATHY, HEREDITARY see **NEUROPATHY, HEREDITARY SENSORY**

SENSORY THRESHOLDS

Sensory thresholds and motor responsiveness in thyroid disease: their responses to treatment and warming. O'Malley BP, et al. **Clin Endocrinol (Oxf)** 1985 Jul; 23(1):17–23

Whole-body vibration: exposure time and acute effects--experimental assessment of discomfort. Kjellberg A, et al. **Ergonomics** 1985 Mar;28(3):545–54

Effect of bilateral caudatal lesion on pain threshold in rats. Mulgaonker VK, et al. **Indian J Physiol Pharmacol** 1984 Apr–Jun;28(2):121–7

An investigation of threshold properties among cat spinal alpha-motoneurones. Gustafsson B, et al. **J Physiol (Lond)** 1984 Dec;357:453–83

[Uremic polyneuropathy: a study of vibratory perception threshold in 19 patients] Werneck LC, et al. **Arq Neuropsiquiatr** 1984 Sep;42(3):215–20 (Eng. Abstr.) **(Por)**

DRUG EFFECTS

Effects of intrathecally administered THIP, baclofen and muscimol on nociceptive threshold. Hammond DL, et al. **Eur J Pharmacol** 1984 Aug 3;103(1–2):121–5

Intracerebroventricular saline treatment elevates the pain threshold. Is this phenomenon mediated by peripheral opiate receptors? Miglécz E, et al. **Pharmacol Res Commun** 1985 Feb;17(2):177–87

Promethazine both facilitates and inhibits nociception in rats: effect of the testing procedure. Paalzow GH, et al. **Psychopharmacology (Berlin)** 1985;85(1):31–6

[Changes in evoked potentials in pain and the tolerance threshold to intensive stimulation after naloxone administration in patients with congenital analgesia] Meng ZH. **Chung Hua I Hsueh Tsa Chih** 1984 Dec;64(12):749–52, 792 (Eng. Abstr.) **(Chi)**

PHYSIOLOGY

Motor effects produced by stimulation of secondary somatosensory (SII) cortex in the monkey. Mori A, et al. **Exp Brain Res** 1985;58(3):440–2

Visual thresholds for shearing motion in monkey and man. Golomb B, et al. **Vision Res** 1985;25(6):813–20

Temporal frequency discrimination above threshold. Mandler MB. **Vision Res** 1984;24(12):1873–80

Area-threshold relations at controlled retinal locations in 1-month-old infants. Schneck ME, et al. **Vision Res** 1984; 24(12):1753–63

An inherent nonlinearity in near-threshold contrast detection. Swift DJ, et al. **Vision Res** 1984;24(9):977–8

SEPHAROSE

Some properties and applications of Superose 6B. Andersson T, et al. **Anal Biochem** 1984 Sep;141(2):461–5

Production and purification of murine monoclonal antibodies: aberrant elution from protein A-Sepharose 4B. Stephenson JR, et al. **Anal Biochem** 1984 Oct;142(1):189–95

Tailor-made agarose-based reactive beads for hemoperfusion and plasma perfusion. Sideman S, et al. **Appl Biochem Biotechnol** 1984;10:167–82

Continuous perfusion of mammalian cells embedded in agarose gel threads. Foxall DL, et al. **Exp Cell Res** 1984 Oct;154(2):521–9

Selective affinity chromatography with calmodulin fragments coupled to sepharose. Ni WC, et al. **J Biol Chem** 1985 Jun 10;260(11):6974–81

Characterisation of the under-agarose method for quantifying migration of highly purified human monocytes. Al-Sumidaie AM, et al. **J Immunol Methods** 1984 Dec 14; 75(1):129–40

Binding and elution of serum glycoproteins from agarose. Coetzer TT, et al. **Prep Biochem** 1984–85;14(5):417–29

ANALOGS & DERIVATIVES

Endogenous ligands of rat lung beta-galactoside-binding protein (galaptin) isolated by affinity chromatography on carboxyamidomethylated-galaptin-Sepharose. Powell JT, et al. **Biochem J** 1984 Nov 1;223(3):769–74

Quantitative characterization of the binding of plasminogen to intact fibrin clots, lysine-sepharose, and fibrin cleaved by plasmin. Bok RA, et al. **Biochemistry** 1985 Jun 18; 24(13):3279–86

Affinity chromatography of alkaline proteinase S on N-carbobenzoxyglycylleucylaminohexyl-Sepharose. Inouye Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct; 32(10):4036–42

Purification of chicken liver ribonucleases by affinity chromatography with UMP-Sepharose (nucleosides and nucleotides. LII). Miura K, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):4054–60

Frontal affinity chromatography of ovalbumin glycoasparagines on a concanavalin A-sepharose column. A quantitative study of the binding specificity of the lectin. Ohyama Y, et al. **J Biol Chem** 1985 Jun 10;260(11):6882–7

Affinity chromatography of kid chymosin on histidyl-Sepharose. Amourache L, et al. **J Chromatogr** 1984 Oct 26;303(1):285–90

Re.: Selective binding of heat- and antigen-aggregated IgG to Blue Sepharose. Radioimmunoassay of circulating immune complexes [letter] Pollard KM. **J Immunol Methods** 1985 Feb 11;76(2):395–6

[Purification of a special estrogen-binding protein from the liver of rats by affinity chromatography on estradiol sepharose] Smirnov AN, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):377–80 (Eng. Abstr.) **(Rus)**

[Interaction of erythrocytes with aminoalkylagarose] Poltorak AN, et al. **Prikl Biokhim Mikrobiol** 1984 Sep–Oct; 20(5):688–93 (Eng. Abstr.) **(Rus)**

CHEMICAL SYNTHESIS

Agarose-polyaldehyde microsphere beads: synthesis and biomedical applications. Cell labeling, cell separation, affinity chromatography, and hemoperfusion. Margel S. **Appl Biochem Biotechnol** 1983 Dec;8(6):523–39

Synthesis of new hydrophobic adsorbents based on homologous series of uncharged alkyl sulphide agarose derivatives. Maisano F, et al. **J Chromatogr** 1985 Mar 15; 321(2):305–17

DIAGNOSTIC USE

Use of the agarose gel method to identify and quantitate factor VIII:C inhibitors. Cassidy PG, et al. **Am J Clin Pathol** 1985 Jun;83(6):697–706

Purification and characterization of keratin hydrolase in psoriatic epidermis: application of keratin-agarose plate and keratin-polyacrylamide enzymography methods. Hibino T. **Anal Biochem** 1985 Jun;147(2):342–52

Hydrophobic chromatography of cells: adsorption and resolution on homologous series of alkylagaroses. Halperin G, et al. **J Chromatogr** 1984 Dec 28;317:103–18

IMMUNOLOGY

[Suppression on normal human lymphocyte proliferation induced by Sepharose 4B binding staphylococcal protein A through addition of human IgG, heat-aggregated IgG, F(ab')2 gamma, Fab gamma and aggregated Fc gamma] Ohno I, et al. **Arerugi** 1984 Jul;33(7):411–7 (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

Plasma therapy of primary rat mammary carcinoma: dependence of consumption of C3 during absorption of plasma with sepharose derivatives on the anticoagulant. Nakanishi K, et al. **Cancer Res** 1985 Sep;45(9):4122–7

Staphylococcal protein A bound to Sepharose 4B is mitogenic for T cells but not B cells from rabbit tissues. Kraft SC, et al. **Clin Immunol Immunopathol** 1985 Oct; 37(1):13–21

SEPTAL NUCLEI

ANALYSIS

Cholecystokinin in intracerebral transplants. Schultzberg M. **Ann NY Acad Sci** 1985;448:99–109

Distinct properties of cholecystokinin-8 and mixed dopamine-cholecystokinin-8 neurons innervating the nucleus accumbens. Studler JM, et al. **Ann NY Acad Sci** 1985;448:306–14

Ultrastructural immunocytochemical studies on CCK-and neurotensin-like immunoreactivity in the nucleus accumbens of the rat. Johansson O, et al. **Med Biol** 1984; 62(6):318–22

Simultaneous ultrastructural localization of cholecystokinin- and tyrosine hydroxylase-like immunoreactivity in nerve fibers of the rat nucleus accumbens. Loopuijt I D, et al. **Neurosci Lett** 1985 May 23;56(3):329–34

ANATOMY & HISTOLOGY

Organization of thalamic projections in the nucleus accumbens and the caudate nucleus in cats and its relation with hippocampal and other subcortical afferents. Jayaraman A. **J Comp Neurol** 1985 Jan 15;231(3):396–420

CYTOLOGY

Septohippocampal neurons in the rat: an in vivo intracellular study. Dutar P, et al. **Brain Res** 1985 Aug 5;340(1):135–42

Gangliosides alter morphology and growth of astrocytes and increase the activity of choline acetyltransferase in cultures of dissociated septal cells. Hefti F, et al. **J Neurosci** 1985 Aug;5(8):2086–94

DRUG EFFECTS

Cholecystokinin potentiation of dopamine-mediated behaviors in the nucleus accumbens. Crawley JN. **Ann NY Acad Sci** 1985;448:283–92

Interactions of cholecystokinin and dopamine in the nucleus accumbens. Wang RY, et al. **Ann NY Acad Sci** 1985; 448:352–60

The effects of 6-hydroxydopamine lesions of the nucleus accumbens and caudate nucleus of rats on feeding in a novel environment. Evenden JL, et al. **Behav Brain Res** 1985 Jan;15(1):63–70

Sensitization to the effects of repeated amphetamine administration on intracranial self-stimulation: evidence for changes in reward processes. Predy PA, et al. **Behav Brain Res** 1984 Sep;13(3):251–9

Neuropharmacological evidence to suggest that the nucleus accumbens and subpallidal region contribute to exploratory locomotion. Mogenson GJ, et al. **Behav Neural Biol** 1984 Sep;42(1):52–60

Dopamine microinjection into the nucleus accumbens: correlation between metabolism and behavior. Kalivas PW, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):284–6

GABAergic agents in the medial septal nucleus affect hippocampal theta rhythm and acetylcholine utilization. Allen CN, et al. **Brain Res** 1984 Nov 26;322(2):261–7

Association of the mesencephalic locomotor region with locomotor activity induced by injections of amphetamine into the nucleus accumbens. Brudzyński SM, et al. **Brain Res** 1985 May 13;334(1):77–84

Topographical analysis of nucleus accumbens sites at which cholecystokinin potentiates dopamine-induced hyperlocomotion in the rat. Crawley JN, et al. **Brain Res** 1985 Jun 3;335(2):337–41

Interaction of vasopressin with the nigro-striatal dopamine system: site and mechanism of action. van Heuven-Nolsen D, et al. **Brain Res** 1985 Jul 1;337(2):269–76

Intracranial self-administration of the endocoid methionine-enkephalin. Goeders NE, et al. **J Am Osteopath Assoc** 1984 Sep;84(1 Suppl):148–51

Sulpiride blocks postsynaptic dopamine receptors in the nucleus accumbens. Morgenstern R, et al. **J Neural Transm** 1985;61(3–4):151–60

Mesolimbic dopamine function is not altered during continuous chronic treatment of rats with typical or atypical neuroleptic drugs. Rupniak NM, et al. **J Neural Transm** 1985;62(3–4):249–66

Beta-endorphin-(10–16) antagonizes behavioral responses elicited by melatonin following injection into the nucleus accumbens of rats. Gaffori O, et al. **Life Sci** 1985 Jul 29; 37(4):357–64

An investigation of brain reinforcement systems involved in the concurrent self-administration of food, water, and morphine. Dworkin SI, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:165–71

The effects of neurotensin and [D-Tyr11]-NT on the hyperactivity induced by intra-accumbens administration of a potent dopamine receptor agonist. Jolicoeur FB, et al. **Neuropeptides** 1985 Apr;6(2):143–56

Microinjections of nanogram amounts of sulfated cholecystokinin octapeptide into the rat nucleus accumbens attenuates brain stimulation reward. Vaccarino FJ, et al. **Neurosci Lett** 1984 Nov 23;52(1–2):61–6

Specificity of nucleus accumbens to activities related to cholecystokinins in rats. Katsuura G, et al. **Peptides (Fayetteville)** 1985 Jan–Feb;6(1):91–6

Effect of nicotine on drinking and diuresis in septal lesioned rats. Iovino M, et al. **Physiol Behav** 1985 Feb;34(2):307–9

Activation of accumbal and striatal dopamine autoreceptors by some ergoline derivatives. Gundlach AL, et al. **Res Commun Chem Pathol Pharmacol** 1985 Apr; 48(1):149–52

[Analgesic effect of morphine injected into habenula, nucleus accumbens or amygdala of rabbits] Zhou ZF, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Sep;5(3):150–3 (Eng. Abstr.) **(Chi)**

[Improvement in spontaneous and acquired spatial behaviors following lesions of septal dopaminergic afferents in mice: possible relations with hippocampal cholinergic activity] Galey D, et al. **C R Acad Sci [III]** 1984;299(16):681–6 (Eng. Abstr.) **(Fre)**

[Effect of serotonin on cholinergic septo-hippocampal reactions in the rabbit] Kozhedub RG. **Zh Vyssh Nerv Deiat** 1985 May–Jun;35(3):537–43 (Eng. Abstr.) **(Rus)**

[Bioelectric activity and metabolism of individual brain structures at different times after administration of synthetic tetrapeptidamide] Popova NS, et al. **Zh Vyssh Nerv Deiat** 1984 Sep–Oct;34(5):926–31 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Tridimensional distribution of markers of neurotransmitters within the 'accumbens area' of normal human brains. Kwak S, et al. **Neuroscience** 1984 Nov;13(3):717–31

INJURIES

Neonatal brain damage and recovery: intraventricular injection of NGF at time of injury alters performance of active avoidance. Eclancher F, et al. **Brain Res** 1985 Apr; 351(2):227–35

METABOLISM

Dopamine receptor rhythms [letter] Wirz-Justice A. **Biol Psychiatry** 1984 Aug;19(8):1274–6

Ornithine as a precursor of neurotransmitter glutamate: effect of canaline on ornithine aminotransferase activity and glutamate content in the septum of rat brain. Wroblewski JT, et al. **Brain Res** 1985 Mar 11;329(1–2):161–8

Role of angiotensin II(AII) receptors in discrete rat brain areas and posterior pituitary. Saavedra JM, et al. **Clin Exp Hypertens** [A] 1984;6(10–11):2107–11

Chronic antidepressant treatment increases enkephalin levels in n. accumbens and striatum of the rat. De Felipe MC, et al. **Eur J Pharmacol** 1985 May 28;112(1):119–22

Dopamine uptake is differentially regulated in rat striatum and nucleus accumbens. Missale C, et al. **J Neurochem** 1985 Jul;45(1):51–6

A thyrotropin releasing hormone analog, DN-1417, increases endogenous dopamine release from slices of rat striatum and nucleus accumbens. Yamada S, et al. **Kurume Med J** 1983;30 Suppl:S29–35

Decrease in levels of thyrotrophin-releasing hormone (TRH) in the n. accumbens and lumbar spinal cord following repeated electroconvulsive shock. Lighton C, et al. **Neuropharmacology** 1984 Aug;23(8):963–6

Ultrastructural study of cholecystokinin-like immunoreactive nerve terminals in the rat nucleus accumbens. Baali-Cherif H, et al. **Neurosci Lett** 1984 Aug 31;49(3):331–5

Effect of haloperidol and sulpiride on dopamine metabolism in nucleus accumbens and olfactory tubercle: a study by in vivo voltammetry. Louilot A, et al. **Neuroscience** 1985 Mar;14(3):775–82

Destruction of dopamine in the nucleus accumbens selectively attenuates cocaine but not heroin self-administration in rats. Pettit HO, et al. **Psychopharmacology (Berlin)** 1984;84(2):167–73

Chronic lead exposure differentially affects dopamine transport in rat striatum and nucleus accumbens. Missale C, et al. **Toxicology** 1984 Oct;33(1):81–90

PHYSIOLOGY

Subfornical organ and supraoptic nucleus connections with septal neurons in rats. Ferguson AV, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R214–8

ACTH4–10 produces a transient decrease in septal hyperemotionality. Isaacson RL, et al. **Behav Neural Biol** 1985 Jan;43(1):109–13

A study of the contribution of hippocampal-accumbens-subpallidal projections to locomotor activity. Mogenson GJ, et al. **Behav Neural Biol** 1984 Sep;42(1):38–51

GABAergic control of the cholinergic projections to the frontal cortex is not tonic. Blaker WD. **Brain Res** 1985 Jan 28;325(1–2):389–90

Activation of identified septo-hippocampal neurons by noxious peripheral stimulation. Dutar P, et al. **Brain Res** 1985 Feb 25;328(1):15–21

Facilitation of spontaneous and learned spatial behaviours following 6-hydroxydopamine lesions of the lateral septum: a cholinergic hypothesis. Galey D, et al. **Brain Res** 1985 Aug 5;340(1):171–4

Septo-hippocampal and other medial septum-diagonal band neurons: electrophysiological and pharmacological properties. Lamour Y, et al. **Brain Res** 1984 Sep 10; 309(2):227–39

In vivo voltammetric and behavioural evidence for somatodendritic autoreceptor control of mesolimbic dopamine neurones. Maidment NT, et al. **Brain Res** 1985 Jul 15;338(2):317–25

The effects of feeding and rewarding brain stimulation on lateral hypothalamic unit activity in freely moving rats. Sasaki K, et al. **Brain Res** 1984 Nov 26;322(2):201–11

Inhibition from locus coeruleus of nucleus accumbens neurons activated by hippocampal stimulation. Unemoto H, et al. **Brain Res** 1985 Jul 15;338(2):376–9

Electrophysiological responses of neurones in the nucleus accumbens to hippocampal stimulation and the attenuation of the excitatory responses by the mesolimbic dopaminergic system. Yang CR, et al. **Brain Res** 1984 Dec 17;324(1):69–84

Nucleus accumbens and preoptic area stimulation: tuberoinfundibular single unit responses, modulation of electrical activity and gonadotrophin secretion. Saphier DJ. **Exp Brain Res** 1985;57(2):400–3

An excitant amino acid projection from the medial prefrontal cortex to the anterior part of nucleus accumbens in the rat. Christie MJ, et al. **J Neurochem** 1985 Aug;45(2):477-82

The neural substrates of apomorphine-stimulated locomotor activity following denervation of the nucleus accumbens. Swerdlow NR, et al. **Life Sci** 1984 Dec 17;35(25):2537-44

Substantia innominata: critical link in the behavioral expression of mesolimbic dopamine stimulation in the rat. Swerdlow NR, et al. **Neurosci Lett** 1984 Sep 7; 50(1-3):19-24

Orthodromic and antidromic responses of nucleus accumbens neurons to stimulation of amygdala and substantia nigra in cats. Uno M, et al. **Neurosci Res** 1984 Aug;1(4):265-9

Drug-induced modulation of locomotor hyperactivity induced by picrotoxin in nucleus accumbens. Morgenstern R, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):501-6

A comparison of prey eating by spontaneous mouse killing rats and rats with lateral septal, medial accumbens, or medial hypothalamic lesions. Albert DJ, et al. **Physiol Behav** 1984 Oct;33(4):517-23

Cholecystokinin potentiates dopamine-mediated behaviors in the nucleus accumbens, a site of CCK-DA co-existence. Crawley JN. **Psychopharmacol Bull** 1985;21(3):523-7

Enhanced behavioural control by conditioned reinforcers following microinjections of d-amphetamine into the nucleus accumbens. Taylor JR, et al. **Psychopharmacology (Berlin)** 1984;84(3):405-12

Interaction of dopamine agonists with disrupted mesolimbic pathways implications for mental health. Wray SR, et al. **West Indian Med J** 1984 Jun;33(2):106-16

[Effects of excluding reticuloseptal input on hippocampal electrical activity in the cat] Gloveli TB. **Fiziol Zh SSSR** 1985 Jan;71(1):80-6 (Eng. Abstr.) **(Rus)**

[Effect of destruction of the septum and hippocampus on the shuttle-box avoidance conditioning of the rat] Chaichenko GM. **Zh Vyssh Nerv Deiat** 1985 Mar-Apr; 35(2):253-60 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Prevention of stressor-induced disturbances of self-stimulation by desmethylimipramine. Zacharko RM, et al. **Brain Res** 1984 Oct 29;321(1):175-9

Blockade of nucleus accumbens opiate receptors attenuates intravenous heroin reward in the rat. Vaccarino FJ, et al. **Psychopharmacology (Berlin)** 1985;86(1-2):37-42

[Effects of septal lesions on the response of vasopressin to angiotensin II] Iovino M, et al. **Ann Endocrinol (Paris)** 1985; 46(2):113-7 (Eng. Abstr.) **(Fre)**

SECRETION

Effect of chronic desipramine treatment on adrenoceptor modulation of [3H]dopamine release from rat nucleus accumbens slices. Nurse B, et al. **Brain Res** 1985 May 20; 334(2):235-42

Alpha 2 and beta-adrenoceptor agonists modulate [3H]dopamine release from rat nucleus accumbens slices: implications for research into depression. Nurse B, et al. **Neurochem Res** 1984 Sep;9(9):1231-8

Opiate regulation of mesolimbic serotonin release: in vivo semiderivative electrochemical analyses. Broderick PA. **Neuropeptides** 1985 Feb;5(4-6):587-90

TRANSPLANTATION

Cross-species neural transplants of embryonic septal nuclei to the hippocampal formation of adult rats. Daniloff JK, et al. **Exp Brain Res** 1985;59(1):73-82

Functional reactivation of the deafferented hippocampus by embryonic septal grafts as assessed by measurements of local glucose utilization. Kelly PA, et al. **Exp Brain Res** 1985;58(3):570-9

Combined grafts of the ventral tegmental area and nucleus accumbens in oculo. Histochemical and electrophysiological characterization. Olson L, et al. **Exp Brain Res** 1985;59(2):325-37

SEPTICEMIA

Candida sepsis. Implications of polymicrobial blood-borne infection. Dyess DL, et al. **Arch Surg** 1985 Mar; 120(3):345-8

Venous thrombosis due to Yersinia Enterocolitica septicaemia. Sahi SP, et al. **Br J Clin Pract** 1984 Jul-Aug; 38(7-8):271-2

Pneumococcal bacteraemia [letter] Cox RA, et al. **Br Med J [Clin Res]** 1985 May 25;290(6481):1586-7

Initial evaluation for and management of bacteremia and bacterial meningitis in infants. Fulginiti VA. **Emerg Med Clin North Am** 1983 Apr;1(1):101-11 (33 ref.)

Fulminant meningococcemia in children. Rimar JM, et al. **Heart Lung** 1985 Jul;14(4):385-91 (52 ref.)

Acinetobacter septicemia with gangrene of toes in a neonate. Bhatia BD, et al. **Indian Pediatr** 1984 Sep;21(9):737-8

Shigellemia. Venkateswarlu K, et al. **Indian Pediatr** 1984 Jul; 21(7):576-80

Pseudobacteraemia, again [letter] Ispahani P, et al. **Lancet** 1985 Aug 17;2(8451):383-4

Postsplenectomy sepsis syndrome. How to identify and manage patients at risk. Brigden ML. **Postgrad Med** 1985 Jun;77(8):215-8, 221, 224-6

Beta-hemolytic group F streptococcal bacteremia: a study and review of the literature. Libertin CR, et al. **Rev Infect Dis** 1985 Jul-Aug;7(4):498-503 (28 ref.)

Chronic meningococcemia. Claflin K, et al. **Wis Med J** 1984 Dec;83(12):25-6

[Bilateral endogenous Klebsiella endophthalmitis] Malan P, et al. **Bull Soc Ophtalmol Fr** 1984 Aug-Sep;84(8-9):961-4 (Eng. Abstr.) **(Fre)**

BLOOD

Spurious elevated platelet counts associated with bacteremia. Gloster ES, et al. **Am J Hematol** 1985 Mar;18(3):329-32

The effects of septic complications upon the serum protein changes associated with thermal injury. Moody BJ, et al. **Ann Clin Biochem** 1985 Jul;22 (Pt 4):391-6

Serum C-reactive protein in normal and infected neonates. Shine B, et al. **Clin Chim Acta** 1985 May 30;148(2):97-103

The relationship of ABO blood groups to bacteremia. Pinaroc MF, et al. **Ecol Dis** 1983;2(4):337-41

C-reactive protein in patients with bacteremia. McCabe RE, et al. **J Clin Microbiol** 1984 Sep;20(3):317-9

Activation and inhibition of Hageman factor-dependent pathways and the complement system in uncomplicated bacteremia or bacterial shock. Kalter ES, et al. **J Infect Dis** 1985 Jun;151(6):1019-27

Plasma fibronectin is initially decreased during septicemia. Ahlgren T, et al. **Scand J Infect Dis** 1985;17(1):107-12

Serum triglyceride elevations in patients with septicemia. Julander I, et al. **Scand J Infect Dis** 1985;17(1):129-30

[C-reactive protein--determined by radial immunodiffusion and compared to the latex agglutination method] Lopez Sastre J, et al. **Monatsschr Kinderheilkd** 1984 Sep; 132(9):671-3 (Eng. Abstr.) **(Ger)**

[Endotoxemia in various liver diseases and gram-negative septicemia using Limulus color test (LCT)] Yajima Y, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Oct; 81(10):2538-43 (Eng. Abstr.) **(Jpn)**

[Viability of autologous and donor erythrocytes after different periods of preservation in patients with burns during acute toxemia and septicemia] Sidorova LG, et al. **Gematol Transfuziol** 1985 May;30(5):25-8 (Eng. Abstr.) **(Rus)**

[Correction of disorders of hemostasis in children with suppurative-infectious diseases] Dmitriev VV, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):89-92 (Eng. Abstr.) **(Rus)**

[Cytochemical analysis of the formed elements of the peripheral blood for prognosis in infection and septic shock of various etiologies in newborn infants and children in the first 6 months of life] Nizharadze MI. **Pediatriia** 1984 Dec;(12):26-8 (Eng. Abstr.) **(Rus)**

[Rheological properties of the blood in suppurative and septic diseases of young infants] Smiian IS, et al. **Pediatriia** 1985 Apr;(4):25-7 (Eng. Abstr.) **(Rus)**

CHEMICALLY INDUCED

[Management of drug-induced agranulocytosis associated with severe septicemia] Tornóczky J, et al. **Orv Hetil** 1985 Jun 2;126(22):1349-53 (Eng. Abstr.) **(Hun)**

COMPLICATIONS

Experimental and clinical studies on adult respiratory distress syndrome. Modig J. **Acta Chir Scand [Suppl]** 1985; 522:315-29 (44 ref.)

Septicaemia in granulocytopenic patients caused by multiresistant diphtheroid rods. A study of two cases. Dibb WL, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Jun;92(3):181-2

Continuous high-grade mycobacterium avium-intracellulare bacteremia in patients with the acquired immune deficiency syndrome. Wong B, et al. **Am J Med** 1985 Jan;78(1):35-40

Pulmonary leukostasis in fatal human pneumococcal bacteremia without pneumonia. Reed WP, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1184-7

Streptococcus pneumoniae infections and bacteremia in patients with acquired immune deficiency syndrome, with report of a pneumococcal vaccine failure. Simberkoff MS, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1174-6

Escherichia coli bacteraemia in chronic schistosomiasis. Farid Z, et al. **Ann Trop Med Parasitol** 1984 Dec;78(6):661-2

Multiple-organ failure. Generalized autodestructive inflammation? Goris RJ, et al. **Arch Surg** 1985 Oct; 120(10):1109-15

Pneumococcal pneumonia with bacteraemia. Banks RA, et al. **Br J Dis Chest** 1984 Oct;78(4):352-7

Toxic epidermal necrolysis associated with streptococcal septicaemia. Wright KU, et al. **Br Med J [Clin Res]** 1985 Aug 3;291(6491):312-3

Acute polymyalgia in severely neutropenic patients with E. coli septicaemia after high-dose steroid therapy--a discrete syndrome? [letter] Blecher TE, et al. **Clin Lab Haematol** 1985;7(1):97-9

Proteinuria and renal pathology in generalized sepsis. Linton AL, et al. **Contrib Nephrol** 1984;42:118-22

Toxic epidermal necrolysis probably due to Klebsiella pneumoniae sepsis. de Groot R, et al. **Dermatologica** 1984; 169(2):88-90

Bacteremia in diabetic patients: comparison of incidence and mortality with nondiabetic patients. Bryan CS, et al. **Diabetes Care** 1985 May-Jun;8(3):244-9

Rhabdomyolysis associated with pneumococcal sepsis. Chun CH, et al. **Diagn Microbiol Infect Dis** 1985 May;3(3):257-61

Staphylococcus epidermidis arthritis following catheter-induced bacteremia in a neutropenic patient. Hutton JP, et al. **Diagn Microbiol Infect Dis** 1985 Mar; 3(2):119-24

Rupture of vascular prosthesis in a patient with Yersinia enterocolitica bacteremia. Verhaegen J, et al. **Diagn Microbiol Infect Dis** 1985 Sep;3(5):451-4

Twenty-five year review of Pseudomonas aeruginosa bacteremia in a burn center. McManus AT, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):219-23

Neonatal cholestatic jaundice with Klebsiella septicemia. Kishan J, et al. **Indian Pediatr** 1984 Nov;21(11):865-8

Hemorrhagic bullae associated with Morganella morganii septicemia. Bagel J, et al. **J Am Acad Dermatol** 1985 Mar; 12(3):575-6

Leptotrichia buccalis bacteremia in neutropenic children. Reig M, et al. **J Clin Microbiol** 1985 Aug;22(2):320-1

Family practice grand rounds. Meningitis following normal lumbar punctures. Feder HM Jr, et al. **J Fam Pract** 1985 May;20(5):437-40

Granulomatous hepatitis in Yersinia enterocolitica bacteraemia. Worthington MG, et al. **J Infect** 1984 Sep; 9(2):170-3

Mechanisms underlying the development of meningitis or epiglottitis in children after Haemophilus influenzae type b bacteremia. La Scolea LJJr, et al. **J Infect Dis** 1985 Jun; 151(6):1162-5

Myositis and rhabdomyolysis due to Staphylococcus aureus septicemia. Lannigan R, et al. **J Infect Dis** 1984 Nov; 150(5):784

Salmonella enteritidis bacteremia in childhood. Meadow WL, et al. **J Infect Dis** 1985 Jul;152(1):185-9

Influence of salmonella bacteremia on the survival of mice infected with Schistosoma mansoni. Tuazon CU, et al. **J Infect Dis** 1985 Jun;151(6):1166-7

Staphylococcus aureus bacteremia and endocarditis: comparison of nosocomial and community-acquired infection. Finkelstein R, et al. **J Med** 1984;15(3):193-211

Aeromonas septicemia with shock in children with thalassemias. Tanphaichitr VS, et al. **J Med Assoc Thai** 1984 Jul;67(7):420-6

Bacteremic non-typeable Hemophilus influenzae pneumonia. Ortega G, et al. **J Tenn Med Assoc** 1984 Oct;77(10):586-8

Granulocyte stem cells are decreased in humans with fatal burns. Peterson VM, et al. **J Trauma** 1985 May;25(5):413-8

Bacteremic urosepsis: a phenomenon unique to elderly women. Gleckman RA, et al. **J Urol** 1985 Feb;133(2):174-5

Conjugated hyperbilirubinemia in an autopsy case with myocardial infarction and sepsis. Takikawa H, et al. **Jpn J Med** 1984 Aug;23(3):258-60

Late sequelae after meningococcal disease. A controlled study in young men. Sander J, et al. **NIPH Ann** 1984 Jun; 7(1):3-11

Diagnosis of urinary tract infection in patients with gram negative bacteraemia [letter] Thomas MG, et al. **NZ Med J** 1984 Dec 12;97(769):871

Frequency and characteristics of hyperbilirubinemia associated with bacteremia. Franson TR, et al. **Rev Infect Dis** 1985 Jan-Feb;7(1):1-9

Bacteremia caused by Aeromonas species in hospitalized cancer patients. Harris RL, et al. **Rev Infect Dis** 1985 May-Jun;7(3):314-20

[A case of ruptured mycotic aneurysm of the abdominal aorta] Boudaka W, et al. **Rev Med Brux** 1984 Nov; 5(9):605-7 (Eng. Abstr.) **(Fre)**

[Consumption hypocomplementemia. Significance in human pathology] Ayed K, et al. **Tunis Med** 1983 Mar-Apr; 61(2):89-91 (Eng. Abstr.) **(Fre)**

[A case of purulent pericarditis in septicemia] Ezzar T, et al. **Tunis Med** 1984 Sep;62(5):373-5 (Eng. Abstr.) **(Fre)**

[Aortic aneurysm with rupturing into the stomach following salmonella sepsis] Strittmatter B, et al. **Immun Infekt** 1984 Apr;12(2):101-4 (Eng. Abstr.) **(Ger)**

[Hematogenous infection of prostheses in man and in an animal model] Zimmerli W. **Schweiz Med Wochenschr** 1984 Dec 1;114(48):1756-7 (Eng. Abstr.) **(Ger)**

[Hematogenous osteomyelitis of the femur in elderly patients--special forms of pathogenesis] Geiselhart HP. **Unfallchirurgie** 1984 Aug;10(4):177-81 (Eng. Abstr.) **(Ger)**

[Disseminated bone tuberculosis with osteomyelitis and septicemia caused by Staphylococcus epidermis. Report of a case] Kuriya N, et al. **Nippon Naika Gakkai Zasshi** 1984 May;73(5):653-8 **(Jpn)**

[An autopsy of thrombotic thrombocytopenic purpura associated with sepsis] Taneichi K, et al. **Nippon Naika Gakkai Zasshi** 1985 May;74(5):618-23 **(Jpn)**

[Vitreous body abscesses as an exceptionally rare complication of generalized Pseudomonas aeruginosa infection in low-birth-weight newborn infants] Dylikowska-Gadomska L. **Pediatr Pol** 1984 Jun; 59(6):501-6 **(Pol)**

[Diffuse encephalomalacia in a newborn infant with septicemia complicated by disseminated intravascular coagulation] Godula-Stuglik U, et al. **Pediatr Pol** 1984 Aug;59(8):659-62 **(Pol)**

[Neonatal hepatitis with severe cholestasis as a complication of infantile septicemia] Karczewska K, et al. **Pediatr Pol** 1984 May;59(5):417-21 **(Pol)**

[Unusual complication of septicemia in a newborn infant] Zajac J, et al. **Pediatr Pol** 1984 Jun;59(6):497-9 **(Pol)**

[Acute ulcerative aortic valve endocarditis and acute glomerulonephritis in staphylococcal septicemia] Adamiec

R, et al. **Pol Tyg Lek** 1985 Jan 28;40(4):105-7 (Eng. Abstr.) **(Pol)**

[Staphylococcal bacteremia in patients with phlegmonous cholecystitis] Perfil'ev DF. **Khirurgiia (Mosk)** 1985 May;(5):105-9 **(Rus)**

[Chronic meningococcemia associated with Clostridium perfringens bacteremia] Oristrell Salva J, et al. **Rev Clin Esp** 1984 Oct 31;175(2):107-8 **(Spa)**

CONGENITAL

Congenital bacteremia due to Capnocytophaga. Feldman JD, et al. **Pediatr Infect Dis** 1985 Jul-Aug;4(4):415-6

[Neonatal sepsis, meningitis and lobar pneumonia due to Streptococcus pneumoniae] Weizer S, et al. **Harefuah** 1985 Apr 1;108(7):347-8 (Eng. Abstr.) **(Heb)**

DIAGNOSIS

Prognostic implications of functional hyposplenia in neonatal septicemia. Storm W. **Acta Paediatr Scand** 1985 Jul;74(4):611-2

Capnocytophaga bacteremia in a neutropenic patient with sinusitis. Brown R, et al. **Ala Med** 1985 May;54(11):33-5

Fever without a focus. Gutierrez-Nunez JJ, et al. **Am Fam Physician** 1985 Jul;32(1):138-44

Increased detection of staphylococcal bacteremia using an anti-microbial removal device. Carlson LG, et al. **Am J Clin Pathol** 1985 Oct;84(4):509-12

Pediatric occult bacteremia. Rosenberg N. **Am J Emerg Med** 1983 Sep;1(2):231-7

Temperature response to antipyretic therapy in children: relationship to occult bacteremia. Torrey SB, et al. **Am J Emerg Med** 1985 May;3(3):190-2

Erysipelothrix rhusiopathiae bacteremia presenting as septic shock. Ognibene FP, et al. **Am J Med** 1985 May;78(5):861-4

Bacteremic pneumococcal pneumonia in the elderly. Murphy TF, et al. **Am J Med Sci** 1984 Oct;288(3):114-8

Clostridium perfringens bacteremia. Opportunist or killer? Nelson RM, et al. **Am Surg** 1985 Jun;51(6):301-3

Anterior thigh pain or tenderness. A diagnostically useful manifestation of bacteremia. Louria DB, et al. **Arch Intern Med** 1985 Apr;145(4):657-8

Clues to the early diagnosis of Mycobacterium avium-intracellulare infection in patients with acquired immunodeficiency syndrome. Polis MA, et al. **Arch Pathol Lab Med** 1985 May;109(5):465-6

Blood cultures. Finn A. **Br J Hosp Med** 1985 May;33(5):272-4 (27 ref.)

Kingella kingae septicaemia with a clinical presentation resembling disseminated gonococcal infection. Shanson DC, et al. **Br Med J [Clin Res]** 1984 Sep 22;289(6447):730-1

Use of decline in D-xylose absorption to predict infection following intensive chemotherapy. Pegues DA, et al. **Cancer Treat Rep** 1984 Dec;68(12):1489-91

Comparison of arterial and venous blood samples for the diagnosis of bacteremia in critically ill patients. Väisänen IT, et al. **Crit Care Med** 1985 Aug;13(8):664-7

Detection of Escherichia coli in blood using flow cytometry. Mansour JD, et al. **Cytometry** 1985 May;6(3):186-90

Comparison of the Isolator 1.5 Microbial Tube with a conventional blood culture broth system for detection of bacteremia in children. Campos JM, et al. **Diagn Microbiol Infect Dis** 1985 Mar;3(2):167-74

Enteric infections, cow's milk intolerance and parenteral infections in 118 consecutive cases of acute diarrhoea in children. Capano G, et al. **Eur J Pediatr** 1984 Sep;142(4):281-5

Rapid diagnosis of Salmonella. Sarvamangala Devi JN, et al. **Indian Pediatr** 1984 Jun;21(6):463-8

Mycobacterium tuberculosis bacteremia detected by the Isolator lysis-centrifugation blood culture system. Kiehn TE, et al. **J Clin Microbiol** 1985 Apr;21(4):647-8

Mechanism of cross-contamination of blood culture bottles in outbreaks of pseudobacteremia associated with nonsterile blood collection tubes. McNeil MM, et al. **J Clin Microbiol** 1985 Jul;22(1):23-5

Comparison of radiometric and conventional culture systems in detecting Haemophilus influenzae type b bacteremia in rats. Mitchell MJ, et al. **J Clin Microbiol** 1985 Aug;22(2):225-8

Determination of the optimum incubation period of blood culture broths for the detection of clinically significant septicemia. Murray PR. **J Clin Microbiol** 1985 Apr;21(4):481-5

Detection of endotoxin in the plasma of patients with gram-negative bacterial sepsis by the Limulus amoebocyte lysate assay. Pearson FC, et al. **J Clin Microbiol** 1985 Jun;21(6):865-8

Specimen volume versus yield in the BACTEC blood culture system. Plorde JJ, et al. **J Clin Microbiol** 1985 Aug;22(2):292-5

Thermonuclease test for same-day identification of Staphylococcus aureus in blood cultures. Ratner HB, et al. **J Clin Microbiol** 1985 Jun;21(6):995-6

Controlled evaluation of supplemented peptone and Bactec blood culture broths for the detection of bacteremia and fungemia. Reimer LG, et al. **J Clin Microbiol** 1985 Apr;21(4):531-4

Evaluation of a lysis direct plating method for pediatric blood cultures. Welch DF, et al. **J Clin Microbiol** 1985 Jun;21(6):955-8

Effect of media, working practice, and automation on the rapid detection of bacteraemia. Corkill JE. **J Clin Pathol** 1985 Mar;38(3):336-40

Earlier detection of bacteraemia using conventional microbiological techniques. Youngs ER, et al. **J Clin Pathol** 1985 May;38(5):593-4

Cotrimoxazole reaction simulating sepsis. Shalit M, et al. **J Infect** 1984 Nov;9(3):291-2

Detection of gram-negative bacteremia by limulus amebocyte lysate assay: evaluation in a rat model of peritonitis. du Moulin GC, et al. **J Infect Dis** 1985 Jan;151(1):148-52

CRP and ZSR as indicators of bacteremia in pediatric patients [letter] Davidson S. **J Pediatr** 1985 Apr;106(4):695-6

Factors affecting blood culture techniques in the diagnosis of paediatric septicemia. Yardi D, et al. **J Postgrad Med** 1984 Jul;30(3):156-8

Rapid diagnosis of intravascular catheter-associated infection by direct Gram staining of catheter segments [letter] **N Engl J Med** 1985 Sep 19;313(12):754-5

Rapid diagnosis of intravascular catheter-associated infection by direct Gram staining of catheter segments. Cooper GL, et al. **N Engl J Med** 1985 May 2;312(18):1142-7

Role of electroencephalography in assessment of patients after meningococcal infection. Lobzin YuV, et al. **Neurosci Behav Physiol** 1984 Nov-Dec;14(6):449-52

Detection of bacteremia in leukemic patients by early subcultures with a slide blood culture system. Richet H, et al. **Pathol Biol (Paris)** 1985 Mar;33(3):213-6

No blood cultures for ambulatory patients [letter] Hefelfinger DC. **Pediatr Infect Dis** 1985 May-Jun;4(3):303

Early detection of bacteremia in an outpatient clinic. Liu CH, et al. **Pediatrics** 1985 May;75(5):827-31

Rapid detection of positive blood cultures with bioluminescence assay in comparison to Gram staining. Lang HR, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Dec;258(4):464-71

[Chronic meningococcemia in a 16 1/2-month-old child] Raymond J, et al. **Ann Pediatr (Paris)** 1985 May;32(5):453-6 (Eng. Abstr.) **(Fre)**

[Technical note on blood culture] Durkovsky J, et al. **Arch Inst Pasteur Tunis** 1984 Mar;61(1):43-9 (Eng. Abstr.) **(Fre)**

[Rapid detection of septicemia using a laser nephelometer] Bayardelle P, et al. **Union Med Can** 1985 Jul;114(7):580-2 (Eng. Abstr.) **(Fre)**

[Myalgic-adynamic syndrome in infection] Cabell B, et al. **Internist (Berlin)** 1984 Jun;25(6):383-6 **(Ger)**

[14-year-old patient with septic fever, rapid decline and gait disorder] Höfling B, et al. **Internist (Berlin)** 1984 Sep;25(9):571-3 **(Ger)**

[An ischemic-septic disease picture following acute occlusion of the superior mesenteric artery] Pircher W, et al. **Zentralbl Chir** 1984;109(16):1056-65 (Eng. Abstr.) **(Ger)**

[Severe septicemia caused by Yersinia enterocolitica] Kuczyńska-Sekieta K, et al. **Pol Tyg Lek** 1984 Jun 4;39(23):793-5 **(Pol)**

[Septicemia--diagnostic and therapeutic difficulties] Koprianiuk E, et al. **Wiad Lek** 1984 Jul 15;37(14):1109-12 (Eng. Abstr.) **(Pol)**

DRUG THERAPY

Clinical trial of cefoxitin (mefoxin) in parenteral therapy of septicemia (postabortal and postpartum) in Ibadan. Adelusi B, et al. **Afr J Med Med Sci** 1985 Mar-Jun;14(1-2):31-5

Cellular energetics and ATP-MgCl2 therapy in sepsis. Chaudry IH. **Am J Emerg Med** 1984 Jan;2(1):38-44

Imipenem/cilastatin therapy of bacteremia. Eron LJ. **Am J Med** 1985 Jun 7;78(6A):95-9

Ceftazidime in the treatment of nosocomial sepsis. Young LS. **Am J Med** 1985 Aug 9;79(2A):89-95

Ceftazidime versus tobramycin-ticarcillin in the treatment of pneumonia and bacteremia. Cone LA, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):33-6

Efficacy of BMY-28142 in experimental bacteremia and meningitis caused by Escherichia coli and group B streptococci. Kim KS, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):51-4

Single-drug versus combination empirical therapy for gram-negative bacillary infections in febrile cancer patients with and without granulocytopenia. Piccart M, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):870-5

Pyogenic meningitis manifesting during therapy for Aeromonas hydrophila sepsis. Ellison RT 3d, et al. **Arch Intern Med** 1984 Oct;144(10):2078-9

Campylobacter fetus subspecies fetus bacteremia. Francioli P, et al. **Arch Intern Med** 1985 Feb;145(2):289-92

Cefoxitin resistance in community-acquired gram-negative bacillary bacteremia. Associated clinical risk factors. McCue JD. **Arch Intern Med** 1985 May;145(5):834-6

Systemic treatment of septicaemia caused by P. aeruginosa with special reference to azlocillin. Shah PM. **Burns Incl Therm Inj** 1984 Oct;11(1):65-71

Aminoglycoside in advanced renal failure. Atukorala SD, et al. **Ceylon Med J** 1984 Jun;29(2):101-3

The emergence of resistance and the therapy of septicaemia. Phillips I, et al. **Chemioterapia** 1985 Feb;4(1):90-4

Efficacy of imipenem in experimental group B streptococcal bacteremia and meningitis. Kim KS. **Chemotherapy** 1985;31(4):304-9

Efficacy of S-2441, a synthetic oligopeptide, in a rat model for gram-negative bacteremia. Balis JU, et al. **Circ Shock** 1985;15(1):5-14

Netilmicin in the treatment of Pseudomonas bacteremia. Lorber RR, et al. **Clin Ther** 1985;7(3):338-46

Temocillin in the treatment of gram-negative septicaemia. Van Landuyt HW, et al. **Drugs** 1985;29 Suppl 5:182-5

Serum bactericidal activity as a therapeutic guide in severely granulocytopenic patients with gram-negative septicemia. Martino P, et al. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):439-45

Treatment of Pseudomonas aeruginosa septicemia in neutropenic patients with ceftazidime [letter] de Pauw BE, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):228-9

Lack of antibacterial activity after intravenous hydrogen peroxide infusion in experimental Escherichia coli sepsis. Shenep JL, et al. **Infect Immun** 1985 Jun;48(3):607-10

Local and general treatment with ceftazidime as monotherapy in central nervous system infections and in septicemic infection. Fiori GP, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jun;23(6):326-8

Intravenous Augmentin in bacteraemia and severe invasive polymicrobial sepsis. Mehtar S, et al. **J Antimicrob Chemother** 1985 Jun;15(6):765-71

Role of antibiotic class in the rate of liberation of endotoxin during therapy for experimental gram-negative bacterial sepsis. Shenep JL, et al. **J Infect Dis** 1985 Jun;151(6):1012-8

Kinetics of endotoxin release during antibiotic therapy for experimental gram-negative bacterial sepsis. Shenep JL, et al. **J Infect Dis** 1984 Sep;150(3):380-8

Antimicrobial therapy of bacterial sepsis in the newborn infant. Starr SE. **J Pediatr** 1985 Jun;106(6):1043-8 (21 ref.)

Staphylococcus epidermidis sepsis in pediatric patients: clinical and therapeutic considerations. Scherer LR, et al. **J Pediatr Surg** 1984 Aug;19(4):358-61

Bacteremic pneumococcal pneumonia: relationship of initial antimicrobial therapy to outcome. Burke MQ, et al. **J SC Med Assoc** 1985 May;81(5):285-90

Multiply resistant Haemophilus influenzae type b and bacteraemia [letter] Moore A, et al. **Med J Aust** 1985 Jan 7;142(1):78-9

Successful treatment of maternal septicemia due to Listeria monocytogenes at 26 weeks' gestation. Fleming AD, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):52S-53S

Hemodynamic consequences of tolazoline in neonatal group B streptococcal bacteremia: an animal model. Meadow WL, et al. **Pediatr Res** 1984 Oct;18(10):960-5

Treatment of occult bacteremia [letter] Feldman W. **Pediatrics** 1984 Dec;74(6):1131-3

Ceftazidime versus tobramycin/ticarcillin in treating hospital acquired pneumonia and bacteremia. Rapp RP, et al. **Pharmacotherapy** 1984 Jul-Aug;4(4):211-5

The use of beta-lactam antibiotics in the treatment of septicaemia and endocarditis. Watanakunakorn C. **Scand J Infect Dis [Suppl]** 1984;42:110-6 (82 ref.)

Lactobacillemia in pregnancy. Digamon-Beltran M, et al. **South Med J** 1985 Sep;78(9):1138-9

Limited effects of prostaglandin inhibitors in Escherichia coli sepsis. Hulton NR, et al. **Surgery** 1985 Aug;98(2):291-7

[Treatment of gram-negative bacillus septicemia with combined traditional Chinese and western medicine--analysis of 61 cases] Zhang SW. **Chung Hsi I Chieh Ho Tsa Chih** 1984 May;4(5):288-9 (Eng. Abstr.) **(Chi)**

[Clinical evaluation of urosepsis--report of 29 cases] Tang YZ. **Chung Hua Wai Ko Tsa Chih** 1984 Sep;22(9):560-2, 575 (Eng. Abstr.) **(Chi)**

[Treatment of Staphylococcus aureus endocarditis and septicemia] Frimodt-Møller N, et al. **Ugeskr Laeger** 1984 Nov 5;146(45):3431-4 (Eng. Abstr.) **(Dan)**

[Efficacy and reversible nephrotoxicity of cefsulodin during treatment of septicemia from Pseudomonas aeruginosa infection of a pacemaker] Penalba C, et al. **Ann Med Interne (Paris)** 1984;135(7):519-22 (Eng. Abstr.) **(Fre)**

[Enterobacter cloacae and E. aerogenes septicemia: emergence of resistant variants (derepressed cephalosporinase) during treatment with third-generation cephalosporins] Nauciel C, et al. **Presse Med** 1985 Mar 23;14(12):673-6 (Eng. Abstr.) **(Fre)**

[Resistance of blood culture isolates in vitro to 4 aminoglycoside antibiotics in Austria--1982/83] Mittermayer H, et al. **Wien Klin Wochenschr** 1985 Mar 29;97(7):334-9 (Eng. Abstr.) **(Ger)**

[Clinical studies on netilmicin] Takii M, et al. **Jpn J Antibiot** 1984 May;37(5):802-6 (Eng. Abstr.) **(Jpn)**

[Effectiveness of cefotaxime in pediatric infectious diseases] Takimoto M, et al. **Jpn J Antibiot** 1985 Jan;38(1):107-13 (Eng. Abstr.) **(Jpn)**

[Clinical experience of sisomicin sulfate by intravenous drip infusion for the treatment of infection complicated by malignant disease] Tamura K, et al. **Jpn J Antibiot** 1984 Jul;37(7):1237-40 (Eng. Abstr.) **(Jpn)**

[Failure of peroral trimethoprim/sulfamethoxazole as infection preventive agent in acute lymphatic leukemia] Melby K, et al. **Tidsskr Nor Laegeforen** 1984 Nov 10;104(31):2174-5 (Eng. Abstr.) **(Nor)**

[Therapeutic efficacy of oral oxamniquine in the treatment of prolonged septicemic salmonellosis] Lambertucci JR, et al. **Rev Inst Med Trop Sao Paulo** 1985 Jan-Feb;27(1):33-9 (Eng. Abstr.) **(Por)**

ENZYMOLOGY

[Serum leucine aminopeptidase activity in suppurative diseases] Shimkevich LL, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):83-6 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Bacterial contamination of blood transfusion: an unusual cause of sepsis. Jeppsson B, et al. **Acta Chir Scand** 1984;150(6):489-91

Salmonella sepsis following posttraumatic splenectomy and implantation of autologous splenic tissue. Schrøder HM, et al. **Acta Chir Scand** 1985;151(1):11-2

Fatal septicaemia due to Vibrio vulnificus. Hansen W, et al. **Acta Clin Belg** 1985;40(1):38-42

Campylobacter bacteraemia. Report of 2 cases and review of the literature. Verresen L, et al. **Acta Clin Belg** 1985;40(2):99-104

Panniculitis in Pseudomonas aeruginosa septicemia. Llistosella E, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):447-9

Bacteremia caused by a beta-lactamase producing Haemophilus parainfluenzae strain of a new biotype. A case report. Bruun B, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Jun;92(3):135-8

A rat model for sepsis in chronic biliary obstruction. Tanaka N, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Jun;93(3):171-4

Coagulase-negative staphylococcal septicemia in newborn babies [letter] Stabile A, et al. **Am J Dis Child** 1985 Jun;139(6):541-2

Does bacteremia occur during flexible sigmoidoscopy? Goldman GD, et al. **Am J Gastroenterol** 1985 Aug;80(8):621-3

Pasteurella multocida septicemia and peritonitis in a patient with cirrhosis: case report and review of the literature. Vakil N, et al. **Am J Gastroenterol** 1985 Jul;80(7):565-8

Spontaneous Vibrio vulnificus peritonitis and primary sepsis in two patients with alcoholic cirrhosis. Wongpaitoon V, et al. **Am J Gastroenterol** 1985 Sep;80(9):706-8

Group A streptococcal bacteremia in intravenous drug abusers. Barg NL, et al. **Am J Med** 1985 Apr;78(4):569-74

Cutaneous infection at dog bite wounds associated with fulminant DF-2 septicemia. Kalb R, et al. **Am J Med** 1985 Apr;78(4):687-90

Listeriosis in patients with long-term hemodialysis and transfusional iron overload. Mossey RT, et al. **Am J Med** 1985 Sep;79(3):397-400

Acute acalculous cholecystitis following multiple skeletal trauma. A report of three cases. Buckley PM, et al. **Anaesthesia** 1985 Jan;40(1):23-6

Incision and drainage of soft-tissue abscesses and bacteremia [letter] Fine BC, et al. **Ann Intern Med** 1985 Oct;103(4):645

Recurrent Salmonella typhimurium bacteremia associated with the acquired immunodeficiency syndrome. Glaser JB, et al. **Ann Intern Med** 1985 Feb;102(2):189-93

Listeria monocytogenes bacteremia in the acquired immunodeficiency syndrome [letter] Real FX, et al. **Ann Intern Med** 1984 Dec;101(6):883

Salmonella typhimurium enteritis and bacteremia in the acquired immunodeficiency syndrome. Smith PD, et al. **Ann Intern Med** 1985 Feb;102(2):207-9

Pulmonary artery catheter infections. A prospective study. Myers ML, et al. **Ann Surg** 1985 Feb;201(2):237-41

Patterns of infection and mortality in thoracic trauma. Walker WE, et al. **Ann Surg** 1985 Jun;201(6):752-7

Problems associated with indwelling central venous catheters. Darbyshire PJ, et al. **Arch Dis Child** 1985 Feb;60(2):129-34

Pseudomonas bacteremia. Retrospective analysis of 410 episodes. Bodey GP, et al. **Arch Intern Med** 1985 Sep;145(9):1621-9

Escherichia coli bacteremia, meningitis, and hemochromatosis. Christopher GW. **Arch Intern Med** 1985 Oct;145(10):1908

Bacteremias due to Citrobacter diversus and Citrobacter freundii. Incidence, risk factors, and clinical outcome. Drelichman V, et al. **Arch Intern Med** 1985 Oct;145(10):1808-10

Enterococcal bacteremia in surgical patients. Barrall DT, et al. **Arch Surg** 1985 Jan;120(1):57-63

Salmonella bacteremia in systemic lupus erythematosus. Eight-year experience at a municipal hospital. Abramson S, et al. **Arthritis Rheum** 1985 Jan;28(1):75-9

Micturating cysto-urethrography as a cause of bacteraemia in childhood. Yee RS, et al. **Australas Radiol** 1984 May;28(2):126-7

Bacteraemia consequential to sialography. Lamey PJ, et al. **Br Dent J** 1985 Mar 23;158(6):218-20

Fatal Salmonella septicaemia in a patient with systemic lupus erythematosus and splenic atrophy. Foster PN, et al. **Br J Clin Pract** 1984 Nov-Dec;38(11-12):434-5

Need for antibiotic prophylaxis during hair electrolysis? [letter] Daneshmend TK. **Br Med J [Clin Res]** 1984 Dec 15;289(6459):1693

Case of chronic meningococcemia in British Columbia. Leung A, et al. **Can Med Assoc J** 1985 Apr 1;132(7):821

Aminoglutethimide-induced bone marrow injury. Report of a case and review of the literature. Young JA, et al. **Cancer** 1984 Oct 15;54(8):1731-3

Infection in immunosuppressed patients. Sadek Sabbour M, et al. **Chemioterapia** 1984 Feb;3(1):19-24

Osler's nodes, pseudoaneurysm formation, and sepsis complicating percutaneous radial artery cannulation. Cohen A, et al. **Crit Care Med** 1984 Dec;12(12):1078-9

Polymicrobial bloodstream infections related to prolonged vascular catheterization. Ponce de Leon S, et al. **Crit Care Med** 1984 Oct;12(10):856-9

Antibiotic therapy and bacterial overgrowth in intestinal microbial ecosystem: a major risk of secondary infections in newborns. Mathieu H, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:158-63

Branhamella catarrhalis bacteraemia and immunosuppression--part of a larger problem? Bannatyne RM, et al. **Diagn Microbiol Infect Dis** 1985 Jan;3(1):65-7

Meningitis and septicemia due to Haemophilus influenzae serotype e, biotype IV. Schlossberg D, et al. **Diagn Microbiol Infect Dis** 1985 Jan;3(1):73-5

Detection of central venous catheter-associated sepsis. Vanhuynegem L, et al. **Eur J Clin Microbiol** 1985 Feb;4(1):46-8

Bacteremia during esophageal variceal sclerotherapy: its cause and prevention. Brayko CM, et al. **Gastrointest Endosc** 1985 Feb;31(1):10-2

The relationship of bacteremia to the length of injection needle in endoscopic variceal sclerotherapy. Snady H, et al. **Gastrointest Endosc** 1985 Aug;31(4):243-6

Incidence of bacteremia with elective upper gastrointestinal endoscopic laser therapy. Wolf D, et al. **Gastrointest Endosc** 1985 Aug;31(4):247-50

Vascular access and nosocomial infections. Critical care medicine. Lagler R. **Indiana Med** 1985 Apr;78(4):273-5

Enterobacter sepsis in infants and children due to contaminated intravenous fluids. Matsaniotis NS, et al. **Infect Control** 1984 Oct;5(10):471-7

Corynebacterium group JK septicemia: community-acquired infection in an apparently immunocompetent patient. Dan M, et al. **Isr J Med Sci** 1984 Nov;20(11):1107-8

Staphylococcus simulans septicemia in a patient with chronic osteomyelitis and pyarthrosis. Males BM, et al. **J Clin Microbiol** 1985 Feb;21(2):255-7

Pseudomonas mesophilica infections in humans. Smith SM, et al. **J Clin Microbiol** 1985 Mar;21(3):314-7

Pseudomonas pickettii as a cause of pseudobacteremia. Verschraegen G, et al. **J Clin Microbiol** 1985 Feb;21(2):278-9

Neisseria meningitidis serogroup 29E (Z') septicemia in a patient with far advanced multiple myeloma (plasma cell leukemia). Wachter E, et al. **J Clin Microbiol** 1985 Mar;21(3):464-6

Septicaemia as a complication of endodontic treatment. Lee GT. **J Dent** 1984 Sep;12(3):241-2

Pseudomonas aeruginosa cross-infection following endoscopic retrograde cholangiopancreatography. Cryan EM, et al. **J Hosp Infect** 1984 Dec;5(4):371-6

Is coagulase-negative staphylococcal bacteraemia in neonates a consequence of mechanical ventilation? [letter] Manning DJ, et al. **J Hosp Infect** 1985 Mar;6(1):112-3

Pneumococcal septicaemia in newly born babies [letter] Wilkins EG, et al. **J Hosp Infect** 1984 Sep;5(3):334-5

The complications of intravenous cannulae incorporating a valved injection side port. Cheesbrough JS, et al. **J Hyg (Lond)** 1984 Dec;93(3):497-504

Infection and sepsis after operations for total hip or knee-joint replacement: influence of ultraclean air, prophylactic antibiotics and other factors. Lidwell OM, et al. **J Hyg (Lond)** 1984 Dec;93(3):505-29

Shigella flexneri bacteraemia. Chagla AH, et al. **J Infect** 1985 Jan;10(1):68-70

Disseminated infection associated with corticosteroid therapy after transduodenal sphincteroplasty. Sharma BK, et al. **J Infect** 1985 Jan;10(1):60-4

Campylobacter fetus peritonitis followed by septicaemia in a patient on continuous ambulatory peritoneal dialysis. Wens R, et al. **J Infect** 1985 May;10(3):249-51

Yersinia enterocolitica septicemia during long-term immunosuppressive treatment [letter] Lenz T, et al. **J Infect Dis** 1984 Dec;150(6):963

Role of intravascular replication in the pathogenesis of experimental bacteremia due to Haemophilus influenzae type b. Rubin LG, et al. **J Infect Dis** 1985 Aug;152(2):307-14

Bacterial translocation and gram-negative bacteremia in patients with hematological malignancies. Tancrède CH, et al. **J Infect Dis** 1985 Jul;152(1):99-103

A novel strain of Escherichia coli causing diarrhea, bacteremia, and fever in a human. Thorne GM, et al. **J Infect Dis** 1985 May;151(5):960-3

Capnocytophaga isolated from the endometrium as a cause of neonatal sepsis. A case report. Mercer LJ. **J Reprod Med** 1985 Jan;30(1):67-8

Intravenous catheters and quantitative blood cultures [letter] **Lancet** 1985 Aug 24;2(8452):456

Bacteraemia and Hickman catheters [letter] Donnelly JP, et al. **Lancet** 1985 Jul 6;2(8445):48

Bacterial pathogens in patients with indwelling venous catheters [letter] Fischer GW, et al. **Lancet** 1985 Jun 1;1(8440):1284

Pseudobacteraemia associated with contaminated skin cleaning agent [letter] Gosden PE, et al. **Lancet** 1985 Sep 21;2(8456):671-2

Polymicrobial septicaemia [letter] Spencer RC, et al. **Lancet** 1985 May 25;1(8439):1210

Systemic sepsis and intravenous devices. A prospective survey. Collignon PJ, et al. **Med J Aust** 1984 Sep 15;141(6):345-8

High incidence of sepsis in percutaneous liver abscess drainage. Crass JR. **Minn Med** 1985 Jan;68(1):13-5

Selective antibody deficiency and recurrent pneumococcal bacteremia in a patient with Sjögren's syndrome, hyperimmunoglobulinemia G, and deficiencies of IgG2 and IgG4. Matter L, et al. **N Engl J Med** 1985 Apr 18;312(16):1039-42

Staphylococcal sepsis precipitated by cocaine sniffing [letter] Silverman HS, et al. **N Engl J Med** 1985 Jun 27;312(26):1706

Selective antibody deficiency and recurrent pneumococcal bacteremia in a patient with Sjögren's syndrome, hyperimmunoglobulinemia G, and deficiencies of IgG2 and IgG4 [letter] Slade HB, et al. **N Engl J Med** 1985 Oct 3;313(14):891

Neonatal group B streptococcal septicemia. Bausch LC, et al. **Nebr Med J** 1985 Apr;70(4):110-3

Post-partum streptococcal meningitis and septicaemia [letter] Quinney RA, et al. **NZ Med J** 1984 Oct 10;97(765):702-3

Chronic carrier state in mothers of infants with group B streptococcal infections. Dykes AK, et al. **Obstet Gynecol** 1985 Jul;66(1):84-8

Purulent otitis media—a 'silent' source of sepsis in the pediatric intensive care unit. Persico M, et al. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):330-4

Extraction of an intravascularized pacemaker lead--a new approach to an unusual problem. Schwartz AB, et al. **PACE** 1984 Nov;7(6 Pt 1):999-1003

Neonatal septicemia and meningitis due to Pasteurella multocida. Thompson CM Jr, et al. **Pediatr Infect Dis** 1984 Nov-Dec;3(6):559-61

A case of platelet transfusion-related Serratia marcescens sepsis. Van Lierde S, et al. **Pediatr Infect Dis** 1985 May-Jun;4(3):293-5

Staphylococcus epidermidis bacteremia in neonates: further observations and the occurrence of focal infection. Noel GJ, et al. **Pediatrics** 1984 Nov;74(5):832-7

Don't overlook 'little' things [letter] Gorrell RL. **Postgrad Med** 1985 Sep 1;78(3):43

Aplastic anemia as complication of viral hepatitis [letter] Romano S, et al. **Postgrad Med** 1985 Aug;78(2):42

Fatal neonatal septicaemia and meningitis due to Haemophilus influenzae acquired from the mother. Chattopadhyay B. **Postgrad Med J** 1984 Oct;60(708):707-8

Bacteremia during double-contrast barium enema examination. Conces DJ Jr, et al. **Radiology** 1985 Apr;155(1):49-50

Prediction of staphylococcal etiology among patients with septicemia with or without endocarditis by multivariate statistical methods. Julander I, et al. **Scand J Infect Dis** 1985;17(1):37-46

Erysipelothrix rhusiopathiae septicaemia. Normann B, et al. **Scand J Infect Dis** 1985;17(1):123-4

The spectrum of clinical conditions associated with 40 cases of Haemophilus bacteremia. Puthucheary SD, et al. **Singapore Med J** 1984 Jun;25(3):152-6

Acinetobacter calcoaceticus septicemia in patients with cancer. Rolston K, et al. **South Med J** 1985 Jun;78(6):647-51

Streptococcal bacteremia in hepatobiliary operations. Blenkharn JI, et al. **Surg Gynecol Obstet** 1985 Feb;160(2):139-41

Central venous catheter sepsis. Bozzetti F. **Surg Gynecol Obstet** 1985 Sep;161(3):293-301 (152 ref.)

Carcinoma of the colon presenting as pulmonary microabscesses and septicaemia due to Clostridium perfringens. Gruer LD, et al. **Thorax** 1984 Oct;39(10):796-7

Endotoxemia induced by antibiotic therapy: a mechanism for adrenal corticosteroid protection in gram-negative sepsis. Johnston CA, et al. **Trans Assoc Am Physicians** 1984;97:172-81

Pseudomonas septicaemia following tribal tatoo marks. Mathur DR, et al. **Trop Geogr Med** 1984 Sep;36(3):301-2

A nosocomial pneumococcal wound infection. Rabinovitch RA, et al. **Wis Med J** 1984 Nov;83(11):27-8

Postsplenectomy sepsis: historical background and current concepts. West KW, et al. **World J Surg** 1985 Jun;9(3):477-83

[Postsplenectomy sepsis] Qin ZY. **Chung Hua I Hsueh Tsa Chih** 1984 Sep;64(9):585-7 **(Chi)**

[Yersinia enterocolitica sepsis and cholecystitis in a patient with primary hemochromatosis] Kruijs FJ, et al. **Ned Tijdschr Geneeskd** 1984 Oct 27;128(43):2036-8 (Eng. Abstr.) **(Dut)**

[Chronic meningococcal septicemia, a forgotten disease] Spanjaard L, et al. **Ned Tijdschr Geneeskd** 1985 Feb 23;129(8):352-5 (Eng. Abstr.) **(Dut)**

[Hydrothorax in ascites and its treatment with a peritoneovenous shunt (letter)] Steffelaar JW. **Ned Tijdschr Geneeskd** 1985 Jan 12;129(2):83-4 **(Dut)**

[Non-typhoid Salmonella bacteremia; a retrospective study in 33 adults] van 't Wout JW, et al. **Ned Tijdschr Geneeskd** 1985 Jun 29;129(26):1230-4 (Eng. Abstr.) **(Dut)**

[Septic shock following septoplasty] Qvarnberg Y, et al. **Duodecim** 1984;100(22):1540-3 **(Fin)**

[Septicemia on endocavitary sounds for cardiac stimulation] Laskar M, et al. **Ann Cardiol Angeiol (Paris)** 1984 Nov;33(7):471-3 (Eng. Abstr.) **(Fre)**

[Postoperative septicemias] Skouri H, et al. **Cah Anesthesiol** 1982 Nov;30(7):923-31 **(Fre)**

[Septic complications of splenectomy] Diallo AO, et al. **Helv Chir Acta** 1985 Jan;51(6):655-9 (Eng. Abstr.) **(Fre)**

[Branhamella catarrhalis septicemia in a granulocytopenic patient (letter)] Elias E, et al. **Presse Med** 1984 Sep 15; 13(31):1904 **(Fre)**

[Salmonella septicemia in acquired immunodeficiency syndrome (letter)] Fassin D, et al. **Presse Med** 1985 Apr 20;14(16):894 **(Fre)**

[Pseudomonas fluorescens septicemia following transfusion of contaminated blood (letter)] Gibaud M, et al. **Presse Med** 1984 Nov 24;13(42):2583-4 **(Fre)**

[Yersinia enterocolitica septicemia in chronic lymphoid leukemia with septic colonization of pre-existing adenopathies (letter)] Hubert D, et al. **Presse Med** 1984 Nov 3;13(39):2387 **(Fre)**

[Pasteurella multocida septicemia disclosing acute disseminated erythematosus lupus] Bertrand G, et al. **Rev Med Interne** 1984 Nov;5(4):354-5 **(Fre)**

[Infections caused by intravascular catheters] Staszewski S, et al. **Dtsch Med Wochenschr** 1985 Jan 11;110(2):43-7 (Eng. Abstr.) **(Ger)**

[Postsplenectomy sepsis in adults] Dürig M, et al. **Helv Chir Acta** 1985 Jan;51(6):649-53 (Eng. Abstr.) **(Ger)**

[Bacteremia and sepsis as sequelae of suction biopsy of the rectal mucosa] Schwöbel M, et al. **Z Kinderchir** 1984 Dec; 39(6):386-8 (Eng. Abstr.) **(Ger)**

[Incidence of bacteremia and thrombophlebitis in 4 Italian hospitals and their association with the use of intravenous sets] Moro ML, et al. **Ann Ist Super Sanita** 1983; 19(2-3):405-11 (Eng. Abstr.) **(Ita)**

[A child case of Yersinia pseudotuberculosis septicemia] Iwata S, et al. **Kansenshogaku Zasshi** 1984 Apr;58(4):333-9 (Eng. Abstr.) **(Jpn)**

[A case of septic pulmonary emboli due to Peptostreptococcus associated with liver abscess] Takamatsu K, et al. **Kansenshogaku Zasshi** 1984 Apr; 58(4):340-6 (Eng. Abstr.) **(Jpn)**

[Prosthetic valve endocarditis and bacteremia] Nakai Y, et al. **Kyobu Geka** 1984 Oct;37(11):880-5 (Eng. Abstr.) **(Jpn)**

[Infection in patients with acute leukemia] Funada H, et al. **Rinsho Byori** 1984 Sep;32(9):959-66 **(Jpn)**

[Fatal Vibrio vulnificus infection in a patient with aplastic anemia] Yoshida S, et al. **Sangyo Ika Daigaku Zasshi** 1983 Mar 1;5(1):95-100 (Eng. Abstr.) **(Jpn)**

[Complications of cardiopulmonary resuscitation] Krohn CD, et al. **Tidsskr Nor Laegeforen** 1984 Nov 20;104(32):2253-4 (Eng. Abstr.) **(Nor)**

[Pathogenesis of otorhinopathic emboligenic septicemia] Sarafoleanu D, et al. **Rev Chir [Otorinolaringol]** 1984 Jul-Sep;29(3):185-9 (Eng. Abstr.) **(Rum)**

[Enterobacter agglomerans bacteremia (letter)] Baquero F, et al. **Med Clin (Barc)** 1985 Jan 19;84(2):79 **(Spa)**

[Diffuse cellulitis and Clostridium septicum septicemia in a non-cancer patient (letter)] Domingo P, et al. **Med Clin (Barc)** 1985 Feb 9;84(5):206-7 **(Spa)**

[Respiratory distress syndrome of the adult and septicemia caused by Salmonella enteritidis (letter)] Domingo P, et al. **Med Clin (Barc)** 1985 May 11;84(18):759 **(Spa)**

[Bacteremia caused by intravascular percutaneous cannulas] Martínez-Luengas F, et al. **Med Clin (Barc)** 1985 May 11; 84(18):734-7 (Eng. Abstr.) **(Spa)**

[Puerperal endometritis, sepsis and meningitis caused by Streptococcus pneumoniae (letter)] Vallés J, et al. **Med Clin (Barc)** 1985 Feb 23;84(7):293 **(Spa)**

[Bacteremic pneumonias caused by gram-negative aerobic bacilli in the adult. Apropos of 35 cases] Aguado García JM, et al. **Rev Clin Esp** 1984 Aug 15-31;174(3-4):85-9 (Eng. Abstr.) **(Spa)**

[Necrosis of the bone marrow in Staphylococcus epidermis sepsis] Ortega González G, et al. **Rev Clin Esp** 1985 May; 176(9):473-5 (Eng. Abstr.) **(Spa)**

[The central venous route: follow-up results of 356 catheterizations] Fernández-Quero Bonilla L, et al. **Rev Esp Anestesiol Reanim** 1984 Nov-Dec;31(6):241-4 (Eng. Abstr.) **(Spa)**

HISTORY

[Remembrance of a tragic urologic incident occurring in Barcelona in 1913] Gausa Raspall P. **Actas Urol Esp** 1985; Spec No:13-8 **(Spa)**

IMMUNOLOGY

Serological response to toxic shock syndrome toxin in Staphylococcus aureus infected patients and healthy controls. Christensson B, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Apr; 93(2):87-90

Intraperitoneal splenic implants do not alter clearance of pneumococcal bacteremia. Scher KS, et al. **Am Surg** 1985 May;51(5):269-71

Thrombocytopenia of sepsis. The role of circulating IgG-containing immune complexes. Poskitt TR, et al. **Arch Intern Med** 1985 May;145(5):891-4

Enhanced survival during murine gram-negative bacterial sepsis by use of a murine monoclonal antibody. Dunn DL, et al. **Arch Surg** 1985 Jan;120(1):50-3

Platelet autoantibodies in septicaemia. van der Lelie J, et al. **Br J Haematol** 1984 Dec;58(4):755-60

Host-defence mechanisms in surgical patients: a correlative study of the delayed hypersensitivity skin-test response, granulocyte function and sepsis. Christou NV. **Can J Surg** 1985 Jan;28(1):39-46, 49

Responses of opsonic substances to major trauma and sepsis. Stahl W, et al. **Crit Care Med** 1985 Oct;13(10):779-82

Infection and T lymphocyte subpopulations: changes associated with bacteremia and the acquired immunodeficiency syndrome. Fishman JA, et al. **Diagn Immunol** 1983;1(3):261-5

Magnitude of bacteremia and complement activation during Neisseria meningitidis infection: study of two co-primary cases with different clinical presentations. Zwahlen A, et al. **Eur J Clin Microbiol** 1984 Oct;3(5):439-41

Enhancement of experimental bacteremia and endocarditis caused by dysgonic fermenter (DF-2) bacterium after treatment with methylprednisolone and after splenectomy. Butler T, et al. **Infect Immun** 1985 Jan;47(1):294-300

Increased frequency of high serum IgM among mothers of infants with neonatal group-B streptococcal septicemia. Rundgren AK, et al. **Int Arch Allergy Appl Immunol** 1985; 77(3):372-3

Immunopotentiation with forphenicinol: increased resistance to Pseudomonas septicaemia in mice. Ishibashi T, et al. **J Antibiot (Tokyo)** 1985 Mar;38(3):430-2

[Phagocytosis of neutrophilic granulocytes of intensive care patients: effect of immunoglobulin preparations] Stübner G, et al. **Immun Infekt** 1984 Feb;12(1):69-72 (Eng. Abstr.) **(Ger)**

[Disorders of B cell activation in splenectomized patients] Sieber G, et al. **Langenbecks Arch Chir** 1984;363(2):93-101 (Eng. Abstr.) **(Ger)**

[Bacteremia and specific antibody response. IgG and IgM specificity in the evaluation of positivity in blood cultures] Airò R, et al. **Boll Ist Sieroter Milan** 1982;61(6):460-72 (Eng. Abstr.) **(Ita)**

[Cross-reacting intraspecies antigens of Neisseria meningitidis. II. The dynamics of antimeningococcal antibodies to cross-reacting antigens in different forms of meningococcal infection] Martynov IuV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):60-5 (Eng. Abstr.) **(Rus)**

METABOLISM

The proenzyme functional inhibition index. A new parameter for evaluation of the severely injured and septic patient. Aasen AO. **Acta Chir Scand [Suppl]** 1985;522:211-31

Reticuloendothelial system function and glucose-insulin dyshomeostasis in sepsis. Filkins JP. **Am J Emerg Med** 1984 Jan;2(1):70-3

Bacteremia-induced changes in pituitary hormone release and effect of naloxone. Leshin LS, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E585-91

Comparison of different techniques for estimating rates of protein synthesis in vivo in healthy and bacteraemic rats. Pomposelli JJ, et al. **Biochem J** 1985 Feb 15;226(1):37-42

Energy and substrate kinetics and oxidation during ketone infusion in septic dogs: role of changes in insulin and glucagon. Shaw JH, et al. **Circ Shock** 1984;14(1):63-79

Bicarbonate hemodialysis of patients with acute renal failure and severe sepsis. Huyghebaert MF, et al. **Crit Care Med** 1985 Oct;13(10):840-3

Metabolism and nutrition in surgical sepsis. Castagneto M, et al. **Ital J Surg Sci** 1984;14(3):247-51

Hypertriglyceridemia and its relation to tissue lipoprotein lipase activity in endotoxemic, Escherichia coli bacteremic, and polymicrobial septic rats. Scholl RA, et al. **J Surg Res** 1984 Nov;37(5):394-401

Increased dependence of leucine in posttraumatic sepsis: leucine/tyrosine clearance ratio as an indicator of hepatic impairment in septic multiple organ failure syndrome. Pittiruti M, et al. **Surgery** 1985 Sep;98(3):378-87

Assessment of alanine, urea, and glucose interrelationships in normal subjects and in patients with sepsis with stable isotopic tracers. Shaw JH, et al. **Surgery** 1985 May; 97(5):557-68

Hepatocyte function in sepsis: Kupffer cells mediate a biphasic protein synthesis response in hepatocytes after exposure to endotoxin or killed Escherichia coli. West MA, et al. **Surgery** 1985 Sep;98(3):388-95

MICROBIOLOGY

Vibrio vulnificus septicemia. Shirouzu K, et al. **Acta Pathol Jpn** 1985 May;35(3):731-9

Etiologic importance of coagulase-negative Micrococcaceae isolated from blood cultures. Hansen BG. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Feb; 93(1):1-6

Effect of aerobic and anaerobic atmosphere on the detection of micro-organisms from blood cultures. Sandven P, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Jun; 93(3):233-6

Septicemia secondary to urinary tract infection with colony counts less than 10(5) CFU/mL. Strand CL, et al. **Am J Clin Pathol** 1985 May;83(5):619-22

Comparison of methicillin-resistant and methicillin-sensitive Staphylococcus aureus bacteremia. Lewis E, et al. **Am J Infect Control** 1985 Jun;13(3):109-14

Group B streptococcal bacteremia in a community teaching hospital. Gallagher PG, et al. **Am J Med** 1985 May; 78(5):795-800

Bacteremia due to nontypable Haemophilus influenzae--three cases in a community hospital. Liston TE. **Am J Med Sci** 1985 Feb;289(2):61-4

Coagulase-negative Staphylococcus bacteremia--a rising threat in the newborn infant. Anday EK, et al. **Ann Clin Lab Sci** 1985 May-Jun;15(3):246-51

The bacteriology and septic complication of patients with appendicitis. Lau WY, et al. **Ann Surg** 1984 Nov; 200(5):576-81

Neonatal septicaemia. Vesikari T, et al. **Arch Dis Child** 1985 Jun;60(6):542-6

In vitro activity of cefmenoxime, cefotaxime, latamoxef, cefazolin, nafcillin and vancomycin against 53 endocarditis and bacteremic strains of Staphylococcus aureus. Dhawan VK, et al. **Chemotherapy** 1984;30(5):328-30

Repeat subculture of known positive blood cultures: costly and ineffective in detecting polymicrobial bacteremias. Stetz EM, et al. **Diagn Microbiol Infect Dis** 1985 Mar; 3(2):113-8

Blood culture isolates from an Addis Ababa hospital. Frequency and antibiotic sensitivities. Gedebou M, et al. **East Afr Med J** 1984 Mar;61(3):190-6

Retrospective analysis of two hundred and twelve cases of bacteremia due to anaerobic microorganisms. Bouza E, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):262-7

A latex agglutination technique for rapid, direct identification of pneumococci in blood cultures [letter] Denis F, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):321-2

Fatal Selenomonas sputigena septicemia probably originating from lung abscess. Pinon G, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):343-4

Alcaligenes fecalis septicemia. Desai N, et al. **Indian J Pediatr** 1983 Nov-Dec;50(407):687-9

Detection of bacteremia and fungemia: microscopic examination of peripheral blood smears. Graham BS. **Infect Control** 1984 Sep;5(9):448-52

Serotypes, hemolysin production, and receptor recognition of Escherichia coli strains associated with neonatal sepsis and meningitis. Korhonen TK, et al. **Infect Immun** 1985 May;48(2):486-91

Association of hydroxamate siderophore (aerobactin) with Escherichia coli isolated from patients with bacteremia. Montgomerie JZ, et al. **Infect Immun** 1984 Dec;46(3):835-8

The use of acridine orange as a rapid method for the quantitation of bacteremia in laboratory animals. Greenfield MD, et al. **Infection** 1985 May-Jun;13(3):137-9

Streptococcus viridans vertebral osteomyelitis with bacteremia. Green L, et al. **Isr J Med Sci** 1985 Feb; 21(2):173-4

Septicemia due to a lactose-fermenting Salmonella misidentified as Citrobacter freundii. Schwartz D, et al. **Isr J Med Sci** 1984 Dec;20(12):1202-4

An analysis of Mycoplasma mycoides by in vivo methods. Smith GR. **Isr J Med Sci** 1984 Oct;20(10):965-9 (23 ref.)

Septicemia with two distinct strains of Staphylococcus aureus and dwarf variants of both. Sompolinsky D, et al. **Isr J Med Sci** 1985 May;21(5):434-40

Pneumococcal pneumonia and septicemia resulting from a nontypable strain of pneumococcus. Gross J, et al. **J Am Geriatr Soc** 1985 Feb;33(2):153

A note on the use of dextran in blood cultures monitored by conductance methods. Curtis GD, et al. **J Appl Bacteriol** 1985 Jun;58(6):571-5

New biphasic culture system for isolation of mycobacteria from blood of patients with acquired immune deficiency syndrome. Berlin OG, et al. **J Clin Microbiol** 1984 Sep; 20(3):572-4

Rapid antimicrobial susceptibility testing of isolates from blood cultures by direct inoculation and early reading of disk diffusion tests. Coyle MB, et al. **J Clin Microbiol** 1984 Sep;20(3):473-7

Direct identification and susceptibility testing of gram-negative bacilli from BACTEC bottles by use of the MS-2 system with updated bacterial identification software. Dipersio JR, et al. **J Clin Microbiol** 1984 Dec; 20(6):1202-4

Use of Directigen and acridine orange for rapid identification of human blood culture isolates. Flejzor B, et al. **J Clin Microbiol** 1984 Sep;20(3):587-8

Comparison of lysis-centrifugation with a biphasic blood culture medium for the recovery of aerobic and facultatively anaerobic bacteria. Henry NK, et al. **J Clin Microbiol** 1984 Sep;20(3):413-6

Clinical laboratory comparison of the 10-ml isolator blood culture system with BACTEC radiometric blood culture media. Kellogg JA, et al. **J Clin Microbiol** 1984 Oct; 20(4):618-23

Recovery of Gardnerella vaginalis from blood by the quantitative direct plating method. La Scolea LJ Jr, et al. **J Clin Microbiol** 1984 Sep;20(3):568-9

Evaluation of new blood culture processing systems. Moody JA, et al. **J Clin Microbiol** 1984 Sep;20(3):351-6

Recovery of Salmonella group B from blood and Salmonella group C2 from feces and serological evidence of dual infection in one patient. Papasian CJ, et al. **J Clin Microbiol** 1984 Sep;20(3):584-5

Detection of Mycoplasma hominis septicemia by radiometric blood culture. Smaron MF, et al. **J Clin Microbiol** 1985 Mar;21(3):298-301

Evaluation of the efficacy of reincubation and subsequent subculture of initially positive blood cultures in the detection of additional clinically significant isolates. Towne AR, et al. **J Clin Microbiol** 1985 Feb;21(2):155-7

Laboratory experience with radiometric detection of bacteremia with three culture media. Wicher K, et al. **J Clin Microbiol** 1984 Oct;20(4):668–71

Is coagulase-negative staphylococcal bacteraemia in neonates a consequence of mechanical ventilation? Davies AJ, et al. **J Hosp Infect** 1984 Sep;5(3):260–9

Recovery of blood-borne bacteria from human urine. Eng RH, et al. **J Infect** 1985 Jul;11(1):19–24

Group G streptococcal septicaemia: clinical observations and laboratory studies. Finch RG, et al. **J Infect** 1984 Sep; 9(2):126–33

Isolation of a group Y meningococcus from a patient with pneumonia [letter] Hanson MF, et al. **J Infect** 1985 Jan; 10(1):76–7

Recurrent infection with Chromobacterium violaceum: first case report from South America. Petrillo VF, et al. **J Infect** 1984 Sep;9(2):167–9

Isolates of Neisseria meningitidis from different sites in the same patient: phenotypic and genomic studies, with special reference to adherence, piliation, and DNA restriction endonuclease pattern. Kristiansen BE, et al. **J Infect Dis** 1984 Sep;150(3):389–96

Clinical comparison of anaerobic blood-culture media for detecting bacteraemia due to viridans streptococci and oral anaerobes. Shanson DC, et al. **J Med Microbiol** 1985 Apr; 19(2):187–93

Septicemia secondary to administration of a contaminated intravenous fluid. Lieblich SE, et al. **J Oral Maxillofac Surg** 1984 Oct;42(10):680–2

Bacteriological study of neonatal septicaemia cases and their in vitro sensitivity to antimicrobial agents. Chandna A, et al. **J Postgrad Med** 1984 Jul;30(3):167–70

Bacterial adherence to vascular grafts after in vitro bacteremia. Rosenman JE, et al. **J Surg Res** 1985 Jun; 38(6):648–55

Vibrio vulnificus. Man and the sea. Johnston JM, et al. **JAMA** 1985 May 17;253(19):2850–3

A comparative study of the effectiveness of metronidazole and penicillin V in eliminating anaerobes from postextraction bacteremias. Head TW, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug;58(2):152–5

Unsuspected bacteremia caused by Branhamella catarrhalis. Baron J, et al. **Pediatr Infect Dis** 1985 Jan–Feb;4(1):100–1

Changing pattern of neonatal streptococcal septicemia. Spigelblatt L, et al. **Pediatr Infect Dis** 1985 Jan–Feb; 4(1):56–8

Meningococcal group Y disease in children. Stephens DS, et al. **Pediatr Infect Dis** 1984 Nov–Dec;3(6):523–5

Pseudomonas cepacia septicemia in patients with burns: report of two cases. Brauner A, et al. **Scand J Infect Dis** 1985;17(1):63–6

Restriction fingerprinting and serology in a small outbreak of B15 meningococcal disease among Norwegian soldiers. Kristiansen BE, et al. **Scand J Infect Dis** 1985;17(1):19–24

Catheter sepsis: the clue is the hub. Sitges-Serra A, et al. **Surgery** 1985 Mar;97(3):355–7

Severe Vibrio cholerae sepsis and meningitis in a young infant. Morgan DR, et al. **Tex Med** 1985 Jan;81(1):37–8

Shigellemia. Kligler RM, et al. **West J Med** 1984 Sep; 141(3):375–8

[Advances in the research of polymicrobial bacteremia] Yu CS. **Chung Hua I Hsueh Tsa Chih** 1984 Aug;64(8):508–10 **(Chi)**

[Clinical characteristics of L-form bacteremic septicemia. Report of 5 cases] Pan LM. **Chung Hua Nei Ko Tsa Chih** 1985 Jan;24(1):25–6, 62–3 (Eng. Abstr.) **(Chi)**

[Evaluation of the antimicrobial removal device] Liu YC, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Nov;83(11):1178–9 (Eng. Abstr.) **(Chi)**

[Bacteremia in adults caused by Streptococcus B] Simonen H, et al. **Duodecim** 1985;101(8):750–5 **(Fin)**

[Comparison of capillary and venous blood cultures in experimental bacteremia in chickens] Labarthe JC, et al. **Ann Inst Pasteur Microbiol** 1985 Mar–Apr;136A(2):227–32 (Eng. Abstr.) **(Fre)**

[Bacteriologic analysis of 150 episodes of septicemia in a hematology department according to the length of hospitalization] Durning A, et al. **Biomed Pharmacother** 1984;38(8):397–403 (Eng. Abstr.) **(Fre)**

[Pseudomonas pickettii septicemia] Chomarat M, et al. **Pathol Biol (Paris)** 1985 Jan;33(1):55–6 (Eng. Abstr.) **(Fre)**

[Role of Staphylococcus in septicemia (letter)] Ragnaud JM, et al. **Presse Med** 1985 Jun 22;14(25):1386–7 **(Fre)**

[An evaluation of antimicrobial removal device to isolate bacteria from bacteremic patients with hematological disorders] Nakazawa H, et al. **Jpn J Antibiot** 1984 Jul; 37(7):1272–8 (Eng. Abstr.) **(Jpn)**

[Acinetobacter calcoaceticus infection--bacteriological and clinical studies of septicemia] Kawanishi M, et al. **Rinsho Byori** 1985 Jun;33(6):581–9 **(Jpn)**

[Dynamics of rickettsemia in common voles and steppe lemmings with different infective doses of Rickettsia sibirica] Lebedeva NN, et al. **Med Parazitol (Mosk)** 1985 May–Jun;(3):21–4 (Eng. Abstr.) **(Rus)**

[Mechanism of development of septic metastases] Ivashkevich GA. **Vestn Khir** 1985 Feb;134(2):3–6 (Eng. Abstr.) **(Rus)**

[Anaerobic sepsis in infants] Pérez Alvarez F, et al. **An Esp Pediatr** 1984 Sep 15;21(3):263–6 **(Spa)**

[Group G streptococcal bacteremia. Apropos of a case (letter)] Pérez Gorricho B, et al. **Med Clin (Barc)** 1984 Jun 2;83(1):43–4 **(Spa)**

[P-fimbriae receptor interaction. New discoveries in pyelonephritis and urinary sepsis] Källenius G, et al. **Lakartidningen** 1985 Apr 10;82(15):1349–52 **(Swe)**

[Kingella kingae--a new infectious agent] Sjöberg L, et al. **Lakartidningen** 1985 Mar 6;82(10):858 **(Swe)**

MORTALITY

Septicaemia in a teaching hospital in Kuwait--II: Factors influencing the outcome in III episodes. Elhag KM, et al. **J Infect** 1985 Jan;10(1):25–31

Unfavourable prognostic factors in Staphylococcus aureus septicemia and endocarditis. Julander I. **Scand J Infect Dis** 1985;17(2):179–87

Mortality associated with enterococcal bacteremia. Bryan CS, et al. **Surg Gynecol Obstet** 1985 Jun;160(6):557–61

OCCURRENCE

Hospital-acquired bloodstream infections with Staphylococcus epidermidis. Review of 100 cases. Ponce de Leon S, et al. **Am J Med** 1984 Oct;77(4):639–44

Pneumococcal bacteremia at a medical/surgical hospital for adults between 1975 and 1980. Ruben FL, et al. **Am J Med** 1984 Dec;77(6):1091–4

Pathogenicity of alpha hemolytic streptococci in the neonate. Moomjian AS, et al. **Am J Perinatol** 1984 Jul;1(4):319–21

Enterobacter bacteremia. An analysis of 50 episodes. Bouza E, et al. **Arch Intern Med** 1985 Jun;145(6):1024–7

Pneumococcal bacteraemia: 325 episodes diagnosed at St Thomas's Hospital. Gransden WR, et al. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):505–8

Outbreak of septicaemia due to contaminated mouthwash. Stephenson JR, et al. **Br Med J [Clin Res]** 1984 Dec 8; 289(6458):1584

Transient increase of early-onset group B streptococcal septicemia. Belfrage P, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Aug;17(6):377–82

Incidence, mortality and bacteriological profile of septicemia in pediatric patients. Yardi D, et al. **Indian J Pediatr** 1984 Mar–Apr;51(409):173–6

Bacteremia in a Swedish university hospital: a one-year prospective study in 1981 and a comparison with 1975–76. Ljungman P, et al. **Infection** 1984 Jul–Aug;12(4):243–7

Neonatal septicaemia 1982--high incidence, low mortality. Bhrolchain CN, et al. **Ir J Med Sci** 1985 Mar;154(3):113

Klebsiella infection in a neonatal intensive care unit: role of bacteriological surveillance. Morgan ME, et al. **J Hosp Infect** 1984 Dec;5(4):377–85

Group G streptococcal septicaemia [letter] Barnham M. **J Infect** 1985 Jul;11(1):83–4

Validity of the recording of meningococcal disease according to various sources of information. De Wals P, et al. **J Infect** 1984 Sep;9(2):185–9

Septicaemia in a teaching hospital in Kuwait--I: Incidence and aetiology. Elhag KM, et al. **J Infect** 1985 Jan; 10(1):17–24

Bacteraemia among children in hospital--a four year prospective study. Karpuch J, et al. **J Infect** 1984 Sep; 9(2):139–42

Bacteraemia at the University Hospital of the West Indies--a report of 222 cases. Macfarlane DE, et al. **J Infect** 1985 Mar;10(2):126–42

Staphylococcal bacteraemia in Zimbabwe 1983. Mukonyora M, et al. **J Infect** 1985 May;10(3):233–9

Group-A streptococcal infection in the newborn [letter] Lehtonen OP, et al. **Lancet** 1984 Dec 22;2(8417–18):1473–4

Bacteraemia in hospitalized children. Brook I, et al. **Microbios** 1984;41(165–166):149–57

Endometrial biopsy, bacteremia, and endocarditis risk. Livengood CH 3d, et al. **Obstet Gynecol** 1985 May; 65(5):678–81

Neonatal septicemia and meningitis in Göttingen, West Germany. Speer CP, et al. **Pediatr Infect Dis** 1985 Jan–Feb; 4(1):36–41

Relationship of prolonged pharmacologic serum levels of vitamin E to incidence of sepsis and necrotizing enterocolitis in infants with birth weight 1,500 grams or less. Johnson L, et al. **Pediatrics** 1985 Apr;75(4):619–38

Klebsiella bacteremia: an analysis of 100 episodes. García de la Torre M, et al. **Rev Infect Dis** 1985 Mar–Apr; 7(2):143–50 (43 ref.)

Occurrence of bacteremia in febrile children seen in a hospital outpatient department and private practice. Brook I, et al. **South Med J** 1984 Oct;77(10):1240–2

First report of septicaemic melioidosis in Hong Kong. So SY, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):456–9

[Fulminant meningococcal septicemia. Clinical experiences in hyperendemic occurrence of meningococcal disease] Pedersen RS, et al. **Ugeskr Laeger** 1985 Apr 15; 147(16):1327–30 (Eng. Abstr.) **(Dan)**

[Epidemiology of bacteremias in a neonatal intensive care unit] Vargas-Origel A, et al. **Bol Med Hosp Infant Mex** 1985 May;42(5):306–9 (Eng. Abstr.) **(Spa)**

PATHOLOGY

A newborn infant with bilious vomiting and jitteriness [clinical conference] Dennehy PH, et al. **J Pediatr** 1985 Jan;106(1):161–6

[Septicemia caused by Mycoplasma hominis] Angelova I, et al. **Vutr Boles** 1984;23(6):114–7 (Eng. Abstr.) **(Bul)**

[Pathohistological research on the white mouse after infection with swine strains of Bordetella bronchiseptica. 1. Pathohistological research results using intravenously infected mice] Heilmann P, et al. **Arch Exp Veterinarmed** 1985 Jan;39(1):85–100 (Eng. Abstr.) **(Ger)**

[Meningococcal infection with hemorrhagic-necrotizing exanthema] Metzner HH, et al. **Dermatol Monatsschr** 1985; 171(2):113–7 (Eng. Abstr.) **(Ger)**

[Structural bases for the invasion of the causative agents of experimental Pseudomonas aeruginosa sepsis into the bloodstream from the primary septic focus] Panova NV, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):57–60 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Controlled endotoxinemia in pigs. A suitable model for in vivo studies of some haemodynamic, humoral and cellular reactions. Andersen OK, et al. **Acta Chir Scand** 1984; 150(8):599–606

Septicemia during pregnancy: a study in different species of experimental animals. Beller FK, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):967–75

Hemodynamic response to naloxone during live Escherichia coli sepsis in splenectomized dogs. Rees M, et al. **Ann Surg** 1984 Nov;200(5):614–8

E. coli peritonitis and bacteremia cause increased blood-brain barrier permeability. du Moulin GC, et al. **Brain Res** 1985 Aug 12;340(2):261–8

Alterations of capillary flow during sepsis. Rogers F, et al. **Circ Shock** 1985;15(2):105–10

Protective effects and role of endotoxin in experimental septicemia. Urbaschek B, et al. **Circ Shock** 1984; 14(4):209–22

Nonhomogeneous redistribution of mesenteric blood flow after tolazoline during group B streptococcal sepsis in piglets. Meadow WL, et al. **Dev Pharmacol Ther** 1985; 8(4):209–18

Influence of intraperitoneal Escherichia coli with septicemia on the healing of colonic anastomoses and skin wounds. An experimental study in the rat. Högström H, et al. **Eur Surg Res** 1985;17(2):128–32

Diminished pressor response to exogenous norepinephrine and angiotensin II in septic, unanesthetized rats: evidence for a prostaglandin-mediated effect. Fink MP, et al. **J Surg Res** 1985 Apr;38(4):335–42

Thromboxane interaction with cardiopulmonary dysfunction in graded bacterial sepsis. Slotman GJ, et al. **J Trauma** 1984 Sep;24(9):803–10

Renal and cardiovascular response to nonhypotensive sepsis in a large animal model with peritonitis. Richmond JM, et al. **Surgery** 1985 Feb;97(2):205–14

PREVENTION & CONTROL

Postsplenectomy pneumococcemia in a healthy vaccinated adult. Chaikof EL, et al. **Am J Emerg Med** 1984 Mar; 2(2):141–3

Subclavian catheter changes every third day in high risk patients. Gregory JA, et al. **Am Surg** 1985 Sep;51(9):534–6

Prophylactic mezlocillin for transurethral prostatectomy. Allan WR, et al. **Br J Urol** 1985 Feb;57(1):46–9

Peroperative penicillins, bacteremia, and pelvic inflammatory disease in association with induced first-trimester abortion. Heisterberg L, et al. **Dan Med Bull** 1985 Mar;32(1):73–5

Controlling bacteremia [letter] **J Am Dent Assoc** 1984 Dec; 109(6):876, 878

Erythromycin stearate, 1.5 g, for the oral prophylaxis of streptococcal bacteraemia in patients undergoing dental extraction: efficacy and tolerance. Shanson DC, et al. **J Antimicrob Chemother** 1985 Jan;15(1):83–90

Trimethoprim-sulfamethoxazole in the prevention of infection in neutropenic patients. EORTC International Antimicrobial Therapy Project Group. **J Infect Dis** 1984 Sep;150(3):372–9

Splenic autotransplant and residual partial spleen: prevention of septicemia. Haque AU, et al. **Jpn J Surg** 1984 Sep; 14(5):407–12

Prevention of sepsis associated with the insertion of intravenous cannulae. The experience in a coronary care unit. Collignon PJ, et al. **Med J Aust** 1985 Mar 18; 142(6):346–8

Protection against gram-negative bacteremia and endotoxemia with human monoclonal IgM antibodies. Teng NN, et al. **Proc Natl Acad Sci USA** 1985 Mar; 82(6):1790–4

Prevention of catheter sepsis by antibiotic bonding. Trooskin SZ, et al. **Surgery** 1985 May;97(5):547–51

Prophylactic trimethoprim for prostatectomy. Haverkorn MJ. **Urology** 1984 Oct;24(4):414–8

[Is it necessary to carry out antibiotic prophylaxis after surgical intervention? Prospective and randomized study in urologic surgery] Ronconi P, et al. **Chir Patol Sper** 1983 Apr;31(2):83–8 (Eng. Abstr.) **(Ita)**

[Evaluation of gentamicin as a prophylactic antibiotic in exchange transfusion] Vargas-Origel A, et al. **Bol Med Hosp Infant Mex** 1985 Apr;42(4):240–3 (Eng. Abstr.) **(Spa)**

RADIOTHERAPY

[Use of intravascular laser irradiation of the blood for preventing and treating suppurative and septic complications] Zemskov VS, et al. **Klin Khir** 1984 Dec;(12):17-8 (Eng. Abstr.) **(Rus)**

THERAPY

Septicaemic low birthweight neonates treated with human antibodies to endotoxin. Adhikari M, et al. **Arch Dis Child** 1985 Apr;60(4):382-4

Intravenous immune globulin therapy. Treatment of a patient with severe immunodeficiency, chronic malabsorption, and fulminant septicemia. Gonzalez EB, et al. **Arch Intern Med** 1985 May;145(5):945-6

Branched-chain amino acids in sepsis and hepatic failure. Mizock BA. **Arch Intern Med** 1985 Jul;145(7):1284-8 (64 ref.)

SCCM's new horizons conference on sepsis and septic shock. Ayres SM. **Crit Care Med** 1985 Oct;13(10):864-6

Sequential hemofiltration in nonoliguric high capillary permeability pulmonary edema of severe sepsis: preliminary report. Gotloib L, et al. **Crit Care Med** 1984 Nov;12(11):997-1000

Intravenous administration of human IgG to newborn infants: changes in serum antibody levels to group B streptococci. Christensen KK, et al. **Eur J Pediatr** 1984 Dec;143(2):123-7

Gram-negative bacteraemia: new therapeutic possibilities with anti-endotoxin antibodies. Gaffin SL. **Hamatol Bluttransfus** 1985;29:107-11

Preliminary study on administration of high-titer lipid A antibody serum in sepsis and septic shock patients. Marget W, et al. **Infection** 1985 May-Jun;13(3):120-4

Experimental Klebsiella septicemia in mice: treatment with specific antibodies from the rabbit alone and in combination with gentamicin. Trautmann M, et al. **Infection** 1985 Jan-Feb;13(1):29-34

Simple method for preparation of cryoprecipitate (CP) and cryodepleted plasma (CDP). Prohaska W, et al. **Infusionsther Klin Ernahr** 1984 Dec;11(6):342-4

A note on xenogeneic transfusion of macrophages in experimental septicaemia. Fakhri O, et al. **J Appl Bacteriol** 1984 Dec;57(3):531-2

Putative methods for prevention and treatment of neonatal septicemia. Christensen RD. **J Clin Apheresis** 1984;2(1):98-104

Exchange transfusion as an alternative to granulocyte concentrate administration in neonates with bacterial sepsis and profound neutropenia. Christensen RD, et al. **J Clin Apheresis** 1984;2(2):177-83

Blood clearance by anti-phosphocholine antibodies as a mechanism of protection in experimental pneumococcal bacteremia. McDaniel LS, et al. **J Immunol** 1984 Dec;133(6):3308-12

Extraction of a chronically infected endocardial screw-in pacemaker lead by pigtail catheter and wire loop via the femoral vein. Maisch B, et al. **PACE** 1985 Mar;8(2):230-4

New organization of curative assistance for patients suffering from septicaemia. Lezhava GG, et al. **Sante Publique (Bucur)** 1984;27(4):279-89

Efficacy of type-specific and cross-reactive murine monoclonal antibodies directed against endotoxin during experimental sepsis. Dunn DL, et al. **Surgery** 1985 Aug;98(2):283-90

Simple and rapid preparation of granulocytes for the treatment of neonatal septicemia. Rock G, et al. **Transfusion** 1984 Nov-Dec;24(6):510-2

How to deal with sepsis and bacteremia. Rutledge KA, et al. **Urology** 1985 Jul;26(1 Suppl):34-7

[Comparison of 14-AA-800 and 11-AA amino acids solutions in severe septic patients] Li AH, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Apr;23(4):199-202, 252 (Eng. Abstr.) **(Chi)**

[Therapeutic and opsonizing effect of specific antibacterial immunoglobulins in experimental Klebsiella septicemia in mice] Trautmann M, et al. **Immun Infekt** 1984 Feb;12(1):56-60 (Eng. Abstr.) **(Ger)**

[Pasteurella multocida septicemia associated with pleuritis and pericarditis] Unoki T, et al. **Kansenshogaku Zasshi** 1984 Apr;58(4):327-32 (Eng. Abstr.) **(Jpn)**

[Extracorporeal connection of donor's spleen for detoxication of the body] Shumakov VI, et al. **Khirurgiia (Mosk)** 1985 Apr;(4):110-4 (Eng. Abstr.) **(Rus)**

VETERINARY

Use of epidemiologic markers to identify the source of Escherichia coli infections in poultry. Barbour EK, et al. **Am J Vet Res** 1985 Apr;46(4):989-91

Effect of hydrocortisone on circulating lymphocyte numbers and their mitogen-induced blastogenesis in lambs. Collins MT, et al. **Am J Vet Res** 1985 Apr;46(4):836-40

Experimental reproduction of septicemic pasteurellosis in feedlot lambs: bacteriologic and pathologic examinations. Suárez-Güémes F, et al. **Am J Vet Res** 1985 Jan;46(1):193-201

Septicaemia and pneumonia in Mycoplasma capricolum infections of young goats [letter] Cordy DR. **Aust Vet J** 1984 Jun;61(6):201-2

Production of H2S by Escherichia coli isolated from poultry: an unusual character useful for epidemiology of colisepticemia. Barbour EK, et al. **Avian Dis** 1985 Apr-Jun;29(2):341-6

Adherence pili in avian strains of Escherichia coli: effect on pathogenicity. Naveh MW, et al. **Avian Dis** 1984 Jul-Sep;28(3):651-61

Clinical and clinicopathological characteristics of the septicaemic neonatal foal: review of 38 cases. Koterba AM, et al. **Equine Vet J** 1984 Jul;16(4):376-82

Serratia marcescens septicaemia in a neonatal Arabian foal. Shaftoe S. **Equine Vet J** 1984 Jul;16(4):389-92

Pathogenetic mechanisms of Mycoplasma mycoides subsp. mycoides septicemia in goats. Rosendal S. **Isr J Med Sci** 1984 Oct;20(10):970-1

Therapeutic strategies involving antimicrobial treatment of disseminated bacterial infection in small animals. Garvey MS, et al. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1185-9 (58 ref.)

Therapeutic strategies involving antimicrobial treatment of disseminated infections in food animals. Hoffsis GF, et al. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1214-6

Immunodeficiency manifested by oral candidiasis and bacterial septicemia in foals. McClure JJ, et al. **J Am Vet Med Assoc** 1985 Jun 1;186(11):1195-7

Bacterial septicemias in two psittacine birds. Panigrahy B, et al. **J Am Vet Med Assoc** 1985 May 1;186(9):983-4

Therapeutic strategies involving antimicrobial treatment of the gastrointestinal tract in large animals. Whitlock RH. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1210-3 (49 ref.)

Beta hemolytic streptococcal infection in red foxes (Vulpes vulpes L.) in France: the natural disease and experimental studies. Barrat J, et al. **J Wildl Dis** 1985 Apr;21(2):141-3

Septicaemia, encephalitis and abortions in a housed flock of sheep caused by Listeria monocytogenes type 1/2. Low JC, et al. **Vet Rec** 1985 Feb 9;116(6):147-50

[Hemorrhagic septicemia in rainbow trout due to Yersinia ruckeri sp. nov.] Gelev I, et al. **Vet Med Nauki** 1984;21(6):84-90 (Eng. Abstr.) **(Bul)**

[Sensitivity to drugs of Escherichia coli strains isolated from poultry with coli septicemia] Giurov B. **Vet Med Nauki** 1985;22(5):16-24 (Eng. Abstr.) **(Bul)**

[Role of nonenterotoxigenic Escherichia coli strains (K99-,ST-) in the neonatal pathology of the calf] De Rycke J. **Ann Rech Vet** 1984;15(1):75-95 (153 ref.) (Eng. Abstr.) **(Fre)**

[Acute pullorum disease in hawk-headed parrots (Deroptyus accipitrinus fuscifrons)] Ehrsam H. **Schweiz Arch Tierheilkd** 1985 Jun;127(6):397-400 (Eng. Abstr.) **(Ger)**

[Enzootic septicemic listeriosis in a migrating flock of sheep] Palmer DG. **Schweiz Arch Tierheilkd** 1984 Oct;126(10):539-43 (Eng. Abstr.) **(Ger)**

SEPTUM PELLUCIDUM

[A case of subependymoma of the septum pellucidum] Kobayashi K, et al. **No Shinkei Geka** 1984 Oct;12(11):1307-12 (Eng. Abstr.) **(Jpn)**

[Cyst of the septum pellucidum] Carda J, et al. **Arch Neurobiol (Madr)** 1984 May-Jun;47(3):115-8 (Eng. Abstr.) **(Spa)**

ABNORMALITIES

Hormonal, metabolic, and neuroradiologic abnormalities associated with septo-optic dysplasia. Arslanian SA, et al. **Acta Endocrinol (Copenh)** 1984 Oct;107(2):282-8

Hypothalamic-pituitary function in children with optic nerve hypoplasia. Costin G, et al. **Am J Dis Child** 1985 Mar;139(3):249-54

Absence of the septum pellucidum. Overlapping clinical syndromes. Morgan SA, et al. **Arch Neurol** 1985 Aug;42(8):769-70

The endocrine spectrum of septo-optic dysplasia. Izenberg N, et al. **Clin Pediatr (Phila)** 1984 Nov;23(11):632-6

Septooptic dysplasia (de Morsier syndrome). Williams JL, et al. **J Ultrasound Med** 1985 May;4(5):265-6

Pseudomonoventricle due to a malformation of the septum pellucidum. Poll-The BT, et al. **Neuropediatrics** 1985 Feb;16(1):39-42

Persistent primitive trigeminal artery, cavum septi pellucidi, and associated cerebral aneurysm in a patient with polycystic kidney disease: case report. Matsumura M, et al. **Neurosurgery** 1985 Mar;16(3):395-7

[Real-time sonography of the skull in the newborn] Tscholakoff D, et al. **ROFO** 1984 Sep;141(3):284-91 (Eng. Abstr.) **(Ger)**

DRUG EFFECTS

The effect of 6-OHDA lesions of the lateral septum on schedule-induced polydipsia. Taghzouti K, et al. **Behav Brain Res** 1985 Jan;15(1):1-8

Effects of physostigmine on septo-hippocampal averaged evoked field potentials. Hettinger MK, et al. **Brain Res** 1984 Dec 3;323(1):148-53

Effects of TRH, cyclo-(His-Pro) and (3-Me-His2)TRH on identified septohippocampal neurons in the rat. Lamour Y, et al. **Brain Res** 1985 Apr 8;331(2):343-7

Ultrastructural study of colchicine neurotoxicity in septohabenulointerpeduncular system. Contestabile A, et al. **Brain Res Bull** 1984 Jul;13(1):99-107

Enhanced acetylcholinesterase staining in hippocampal area CA3 after lesion of granule cells by infusion of colchicine. Drust EG, et al. **Brain Res Bull** 1985 Jan;14(1):9-14

EMBRYOLOGY

Development of cholinergic projections in organotypic cultures of rat septum, hippocampus and cerebellum. Rimvall K, et al. **Brain Res** 1985 Apr;351(2):267-78

ENZYMOLOGY

Cholinergic and non-cholinergic septohippocampal pathways. Wainer BH, et al. **Neurosci Lett** 1985 Feb 28;54(1):45-52

INJURIES

Recovery of enzyme markers for cholinergic terminals in septo-temporal regions of the hippocampus following selective fimbrial lesions in adult rats. Dravid AR, et al. **Brain Res** 1984 Dec 17;324(1):119-28

METABOLISM

Ultrastructural immunocytochemical study of the dopaminergic innervation of the rat lateral septum with anti-dopamine antibodies. Onteniente B, et al. **Neuroscience** 1984 Oct;13(2):385-93

PATHOLOGY

Ultrasound recognition of the cavum septi pellucidi and the cavum vergae in the newborn. Cerisoli M, et al. **J Nucl Med Allied Sci** 1984 Jul-Sep;28(3):163-6

Clinical correlates of septum pellucidum cavities: an unusual association with psychosis. Lewis SW, et al. **Psychol Med** 1985 Feb;15(1):43-54

PHYSIOLOGY

Lesions in nucleus basalis magnocellularis and medial septal area of rats produce similar memory impairments in appetitive and non-appetitive behavioral tasks. Hepler D, et al. **Ann NY Acad Sci** 1985;444:518-9

The effects of delaying reward on choice preference in rats with hippocampal or selective septal lesions. Rawlins JN, et al. **Behav Brain Res** 1985 May;15(3):191-203

Behavior alters the uptake of [3H]choline into acetylcholinergic neurons of the nucleus basalis magnocellularis and medial septal area. Wenk G, et al. **Behav Brain Res** 1984 Aug;13(2):129-38

Handling from weaning to adulthood does not prevent hyperdefensiveness induced by septal, medial accumbens, or medial hypothalamic lesions. Albert DJ, et al. **Behav Neural Biol** 1984 Jul;41(2):127-34

Septal lesions and biting attacks in rats bidirectionally selected for emotionality. Annen Y, et al. **Behav Neural Biol** 1985 Mar;43(2):132-42

An analysis of the mechanisms underlying septal area control of hypothalamically elicited aggression in the cat. Brutus M, et al. **Brain Res** 1984 Sep 24;310(2):235-48

Influence of lateral septum and amygdala stimulation on the excitability of hypothalamic supraoptic neurons. An electrophysiological study in the rat. Cirino M, et al. **Brain Res** 1985 Feb 11;326(2):357-61

A catecholaminergic projection from the ventral tegmental area to the diagonal band of Broca: modulation by neurotensin. Kalivas PW, et al. **Brain Res** 1985 Feb 11;326(2):229-38

Transfer between chemical and electrical kindling in the septal-hippocampal system. Wasterlain CG, et al. **Brain Res** 1985 Apr 8;331(2):261-6

Role of the septum on LH, FSH and prolactin secretion in male rats. Carreras A, et al. **Brain Res Bull** 1984 Aug;13(2):339-42

Changes in body temperature and thermosensitivity of preoptic and septal neurons during hippocampal stimulation. Osaka T, et al. **Brain Res Bull** 1984 Jul;13(1):93-8

Medial septal projections to the dentate gyrus of the rat: electrophysiological analysis of distribution and plasticity. McNaughton N, et al. **Exp Brain Res** 1984;56(2):243-56

Topographic organization of fimbria-fornix fibers projecting to the lateral septum of rats: a single and field response analysis. Joëls M, et al. **Exp Neurol** 1985 Mar;87(3):474-86

The behavioral effects of lesions of the septum: a review. Chozick BS. **Int J Neurosci** 1985 May;26(3-4):197-217 (102 ref.)

Lesions in nucleus basalis magnocellularis and medial septal area of rats produce qualitatively similar memory impairments. Hepler DJ, et al. **J Neurosci** 1985 Apr;5(4):866-73

Functional innervation of cultured hippocampal neurones by cholinergic afferents from co-cultured septal explants. Gahwiler BH, et al. **Nature** 1985 Feb 14-20;313(6003):577-9

Interactions between hippocampal serotonin and the pituitary-adrenal axis in the septal driving of hippocampal theta-rhythm. Azmitia EC, et al. **Neuroendocrinology** 1984 Nov;39(5):471-5

Immunohistochemical characterization of thyrotropin-releasing hormone-containing neurons in rat septum. Ishikawa K, et al. **Neuroendocrinology** 1984 Nov;39(5):448-52

Frequency modulation of neuronal theta-bursts in rabbit's septum by low-frequency repetitive stimulation of the afferent pathways. Brazhnik ES, et al. **Neuroscience** 1985 Feb;14(2):501-8

An electrophysiological study of neurones in the rat median raphe and their projections to septum and hippocampus. Crunelli V, et al. **Neuroscience** 1985 May;15(1):47-60

Thirst and vasopressin secretion following central administration of angiotensin II in rats with lesions of the septal area and subfornical organ. Iovino M, et al. **Neuroscience** 1985 May;15(1):61-7

A comparison of prey eating by spontaneous mouse killing rats and rats with lateral septal, medial accumbens, or medial hypothalamic lesions. Albert DJ, et al. **Physiol Behav** 1984 Oct;33(4):517-23

Participation of cholinergic and adrenergic synapses of the medial septal area (MSA) in the natriuretic and kaliuretic responses to intraventricular hypertonic saline (NaCl). da Rocha MJ, et al. **Physiol Behav** 1985 Jan;34(1):23-8

Taste preferences in a free-choice situation following electrical stimulation and lesion of septal area in rats. Vasudev R, et al. **Physiol Behav** 1985 Apr;34(4):619-24

[Activity of septal and hippocampal neurons during isolated and combined growth in the anterior chamber of the eye in the rat] Bragin AG, et al. **Neirofiziologiia** 1985;17(1):61-9 (Eng. Abstr.) **(Rus)**

[Effect of electric stimulation of the septum of the rabbit brain on subiculum cells with different types of spontaneous activity] Stafekhina VS. **Neirofiziologiia** 1985;17(3):326-33 (Eng. Abstr.) **(Rus)**

[Effect of electrocoagulation of the septum on the behavior and memory of the cat] Oniani TN, et al. **Zh Vyssh Nerv Deiat** 1985 Jan-Feb;35(1):17-24 (Eng. Abstr.) **(Rus)**

[Effect of destruction of the hippocampus and septum on learning in the rat in 'negative transfer' situations] Sarkisov GT, et al. **Zh Vyssh Nerv Deiat** 1984 Sep-Oct;34(5):896-903 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Enhancement of central cholinergic sprouting by prior injury: correlation with endogenous trophic content of hippocampus. Schonfeld AR, et al. **Brain Res** 1984 Nov 12;321(2):377-80

RADIOGRAPHY

CT changes in the septum pellucidum associated with intraventricular craniopharyngiomas. Lanzieri CF, et al. **J Comput Assist Tomogr** 1985 May-Jun;9(3):507-10

TRANSPLANTATION

Brain transplants: can they restore single unit activity in the hippocampus? Shapiro ML, et al. **Ann NY Acad Sci** 1985;444:536-7

Cross-species septal transplants: recovery of choline acetyltransferase activity. Daniloff JK, et al. **Brain Res** 1984 Dec 17;324(1):151-4

Transplanted septal neurons make viable cholinergic synapses with a host hippocampus. Segal M, et al. **Brain Res** 1985 Jun 17;336(2):302-7

[Growth of a graft from the septal region of the brain in the anterior chamber of the eye] Bragin AG, et al. **Arkh Anat Gistol Embriol** 1984 Aug;87(8):39-46 (Eng. Abstr.) **(Rus)**

[Surface structure of nerve tissue transplants growing in the anterior chamber of the rat eye (electron-microscopic study)] Zhuravleva ZN, et al. **Arkh Anat Gistol Embriol** 1985 Feb;88(2):17-23 (Eng. Abstr.) **(Rus)**

[Background and evoked activity of septal and hippocampal neurons transplanted into the neocortex of the rat] Bragin AG, et al. **Neirofiziologiia** 1985;17(2):160-8 (Eng. Abstr.) **(Rus)**

[Functional integration of the nervous tissue of the rat following xenotransplantation into the brain of a rabbit] Kichigina VF, et al. **Zh Vyssh Nerv Deiat** 1984 Sep-Oct;34(5):932-40 (Eng. Abstr.) **(Rus)**

SERGENTOMYIA see **PSYCHODIDAE**

SERIAL EXTRACTION

Stability and relapse of mandibular anterior alignment: a cephalometric appraisal of first-premolar-extraction cases treated by traditional edgewise orthodontics. Shields TE, et al. **Am J Orthod** 1985 Jan;87(1):27-38

Third molar changes following second molar extractions. Cavanaugh JJ. **Angle Orthod** 1985 Jan;55(1):70-6

Second molar germectomy and third molar eruption. 11 cases of lower second molar enucleation. Gaumond G. **Angle Orthod** 1985 Jan;55(1):77-88

Extraction of four second molars. Quinn GW. **Angle Orthod** 1985 Jan;55(1):58-69

[Occlusographic evaluation of molar migration in cases treated by serial extraction] van der Vleugel J. **Rev Belge Med Dent** 1984 Oct-Nov;39(5):181-5 (Eng. Abstr.) **(Fre)**

[Multiple extractions of permanent teeth in the orthodontic treatment plan] Subrt I, et al. **Fortschr Kieferorthop** 1985 Jan;46(1):61-5 (Eng. Abstr.) **(Ger)**

SERIAL LEARNING

Aspects of digit-span performance: naming time and order memory. Das JP. **Am J Ment Defic** 1985 May;89(6):627-34

Semantic processing and serial learning by EMR adolescents. Glidden LM, et al. **Am J Ment Defic** 1985 May;89(6):635-41

Spontaneous rehearsal by mildly mentally retarded children and adolescents. Turner LA, et al. **Am J Ment Defic** 1985 Jul;90(1):57-63

An automatic encoding deficit in the amnesia of Korsakoff's syndrome. Kohl D, et al. **Ann NY Acad Sci** 1985;444:460-2

Performance of goldfish (Carassius auratus) in patterned sequences of rewarded and nonrewarded trials. Couvillon PA. **J Comp Psychol** 1984 Sep;98(3):333-44

Element pretraining influences the content of appetitive serial compound conditioning in rats. Holland PC. **J Exp Psychol [Anim Behav]** 1985 Jul;11(3):367-87

Effects of repetition on short-term retention of order information. Cunningham TF, et al. **J Exp Psychol [Learn Mem Cogn]** 1984 Oct;10(4):575-97

The lag effect and differential organization theory: nine failures to replicate. Toppino TC, et al. **J Exp Psychol [Learn Mem Cogn]** 1985 Jan;11(1):185-91

Effects of ibotenic acid lesions of the basal forebrain on serial reversal learning in marmosets. Ridley RM, et al. **Psychopharmacology (Berlin)** 1985;86(4):438-43

Combining attributes in rapid serial visual presentation tasks. McLean JP, et al. **Q J Exp Psychol [A]** 1983 Feb;35 (Pt 1):171-86

DRUG EFFECTS

Effects of opioids and phencyclidine in combination with naltrexone on the acquisition and performance of response sequences in monkeys. Moerschbaecher JM, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):1061-9

PHYSIOLOGY

A corpus callosal deficit in sequential analysis by schizophrenics. Schwartz BD, et al. **Biol Psychiatry** 1984 Dec;19(12):1667-76

Parallel and sequential information processing in animals as a function of different hemispheres. Bianki VL. **Neurosci Behav Physiol** 1984 Nov-Dec;14(6):497-501

SERINE

The structures of the serine-linked sugar chains on human chorionic gonadotropin. Cole LA, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):333-9

Measurement of distance between the active serine of the thioesterase domain and the pantetheine thiol of fatty acid synthase by fluorescence resonance energy transfer. Foster RJ, et al. **J Biol Chem** 1985 Mar 10;260(5):2826-31

ANALOGS & DERIVATIVES

A simple and rapid method of quantitative analysis of phosphoamino acids by high-performance liquid chromatography. Morrice N, et al. **Anal Biochem** 1985 Jul;148(1):207-12

Effect of subinhibitory concentrations of cephalosporins on surface properties and siderophore production in iron-depleted Klebsiella pneumoniae. Kadurugamuwa JL, et al. **Antimicrob Agents Chemother** 1985 Feb;27(2):220-3

The reactions of the phosphorylated pathway of L-serine biosynthesis: thermodynamic relationships in rabbit liver in vivo. Lund K, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):186-96

Protein phosphorylation of beta-glucuronidase in human lung cancer--identification of serine- and threonine-phosphates. Fujita M, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):818-24

Resolvase-mediated recombination intermediates contain a serine residue covalently linked to DNA. Reed RR, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:245-9

Activation of brain calcineurin towards proteins containing Thr(P) and Ser(P) by Ca2+, calmodulin, Mg2+ and transition metal ions. Li HC, et al. **Eur J Biochem** 1984 Nov 2;144(3):447-52

Identification and quantitation of O-phosphoserine in human plasma fibronectin. Etheredge RE, et al. **FEBS Lett** 1985 Jul 8;186(2):259-62

Glycogen synthase in rat adipocytes and skeletal muscle is phosphorylated on both serine and threonine. Hiken JF, et al. **FEBS Lett** 1984 Sep 17;175(1):55-8

Physical and genetic characterization of cloned enterobactin genomic sequences from Escherichia coli K-12. Fleming TP, et al. **Gene** 1985;34(1):47-54

Effect of serine hydroxamate and methyl alpha-D-glucopyranoside treatment on nucleoside polyphosphate pools, RNA and protein accumulation in Streptomyces hygroscopicus. Riesenberg D, et al. **J Gen Microbiol** 1984 Oct;130 (Pt 10):2549-58

Mass spectrometric measurements of norepinephrine synthesis in man from infusion of stable isotope-labelled L-threo-3,4-dihydroxyphenylserine. Suzuki T, et al. **Life Sci** 1985 Feb 4;36(5):435-42

O beta-(N-acetyl-alpha-glucosamine-1-phosphoryl)serine in proteinase I from Dictyostelium discoideum. Gustafson GL, et al. **Methods Enzymol** 1984;107:172-83

Chemical properties, isolation, and analysis of O-phosphates in proteins. Martensen TM. **Methods Enzymol** 1984;107:3-23

Treatment of parkinsonism with L-threo-3,4-dihydroxyphenylserine: a pharmacokinetic study. Suzuki T, et al. **Neurology** 1984 Nov;34(11):1446-50

Effect of DL-erythro-dihydroxyphenylserine on the locomotor activity of the mouse. Mori T, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):979-83

ANALYSIS

A silent hemoglobin variant detected by HPLC: hemoglobin City of Hope beta 69 (E13) Gly----Ser. Rahbar S, et al. **Hemoglobin** 1984;8(4):333-42

Streptococcal phosphoenolpyruvate: sugar phosphotransferase system: purification and characterization of a phosphoprotein phosphatase which hydrolyzes the phosphoryl bond in seryl-phosphorylated histidine-containing protein. Deutscher J, et al. **J Bacteriol** 1985 Sep;163(3):1203-9

BIOSYNTHESIS

Conversion of glycerate to serine in intact spinach leaf peroxisomes. Liang Z, et al. **Arch Biochem Biophys** 1984 Sep;233(2):393-401

The reactions of the phosphorylated pathway of L-serine biosynthesis: thermodynamic relationships in rabbit liver in vivo. Lund K, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):186-96

Kidney independent serine synthesis in the rat. Effect of dietary serine and glycine restriction. Hörl WH, et al. **Nephron** 1985;40(3):344-8

BLOOD

One-carbon metabolism in lectin-activated human lymphocytes. Rowe PB, et al. **Arch Biochem Biophys** 1985 Jan;236(1):277-88

Serine metabolism, psychosis, and coeliac disease [letter] Waziri R. **Biol Psychiatry** 1985 Jan;20(1):121-2

Metabolism of an ingested serine load in psychotic and nonpsychotic subjects. Wilcox J, et al. **Biol Psychiatry** 1985 Jan;20(1):41-9

GENETICS

Concerted evolution of tRNA genes: intergenic conversion among three unlinked serine tRNA genes in S. pombe. Amstutz H, et al. **Cell** 1985 Apr;40(4):879-86

METABOLISM

Energetic adaptation of ligand binding to subunit structure of tryptophan synthase from Escherichia coli. Wiesinger H, et al. **Biochemistry** 1984 Oct 9;23(21):4928-34

The biosynthesis of phosphatidylserine and phosphatidylethanolamine from L-[3-14C]serine in isolated rat hepatocytes. Bjerve KS. **Biochim Biophys Acta** 1985 Mar 6;833(3):396-405

Regulatory effects of insulin and experimental diabetes on neutral amino acid transport in the perfused rat exocrine pancreas. Kinetics of unidirectional L-serine influx and efflux at the basolateral plasma membrane. Mann GE, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):618-22

Phosphoprotein phosphatase inhibitor-2 is phosphorylated at both serine and threonine residues in mouse diaphragm. DePaoli-Roach AA, et al. **FEBS Lett** 1985 Apr 22;183(2):423-9

Purification and properties of an ethanolamine-serine base exchange enzyme of rat brain microsomes. Suzuki TT, et al. **J Biol Chem** 1985 Feb 10;260(3):1394-9

The utilization of ethanolamine and serine for ethanolamine phosphoglyceride synthesis by human Y79 retinoblastoma cells. Yorek MA, et al. **J Biol Chem** 1985 Mar 10;260(5):2930-6

Serine metabolism in rat embryos undergoing organogenesis. Rowe PB, et al. **J Embryol Exp Morphol** 1985 Jun;87:137-44

Phospholipid-sensitive Ca2+ -dependent protein kinase preferentially phosphorylates serine-115 of bovine myelin basic protein. Turner RS, et al. **J Neurochem** 1984 Nov;43(5):1257-64

Serine uptake by luminal and basolateral membrane vesicles from rabbit kidney. Kragh-Hansen U, et al. **J Physiol (Lond)** 1984 Sep;354:55-67

Impaired glycine-serine conversion and increased plasma taurine levels in episodic psychotic patients with psychedelic symptoms. Bruinvels J, et al. **J Psychiatr Res** 1984;18(3):307-18

Phosphorylation of ribosomal protein S6 on serine after microinjection of the Abelson murine leukemia virus tyrosine-specific protein kinase into Xenopus oocytes. Maller JL, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):272-6

Interconversion of serine and glycine is normal in psychotic patients. Perry TL, et al. **Psychiatry Res** 1985 Jun;15(2):109-13

PHARMACODYNAMICS

Distribution of insulin receptors between plasmalemma and intracellular compartments: effect of amino acids. Galbraith RA, et al. **J Cell Physiol** 1985 Jan;122(1):120-4

SERINE DEAMINASE see **SERINE DEHYDRATASE**

SERINE DEHYDRATASE

ANALYSIS

In vitro and in vivo activation of L-serine deaminase in Escherichia coli K-12. Newman EB, et al. **J Bacteriol** 1985 Jun;162(3):1270-5

METABOLISM

Purification and characterization of D-serine deaminase activator protein. Heincz MC, et al. **J Bacteriol** 1984 Oct; 160(1):42-9

A mutation in Escherichia coli K-12 results in a requirement for thiamine and a decrease in L-serine deaminase activity. Newman EB, et al. **J Bacteriol** 1985 Jan;161(1):272-6

SERINE HYDROXYMETHYLTRANSFERASE see under **TRANSFERASES**

SERINE PHOSPHOGLYCERIDES see **PHOSPHATIDYLSERINES**

SERODIAGNOSIS

Serologic and intradermal tests for parasitic infections. Bruckner DA. **Pediatr Clin North Am** 1985 Aug; 32(4):1063-75

[Pulmonary mucormycosis. Apropos of a case with serologic confirmation] Vincent M, et al. **Rev Mal Respir** 1984; 1(4):241-4 (Eng. Abstr.) **(Fre)**

METHODS

Serologic evaluation of cattle inoculated with Toxoplasma gondii: comparison of Sabin-Feldman dye test and other agglutination tests. Dubey JP, et al. **Am J Vet Res** 1985 May;46(5):1085-8

Serological methods in the diagnosis and management of human allergic disease. Hamilton RG, et al. **CRC Crit Rev Clin Lab Sci** 1984;21(1):1-18 (76 ref.)

Immunodiagnostic tests for protozoan and helminthic infections. Higashi GI. **Diagn Immunol** 1984;2(1):2-18 (165 ref.)

Use of low ionic strength solution in blood group serology. Parab BB, et al. **Indian J Med Res** 1984 Apr;79:546-9

Comparative sensitivities of diagnostic procedures used to detect bacterial kidney disease in salmonid fishes. Cipriano RC, et al. **J Wildl Dis** 1985 Apr;21(2):144-8

Use of aspergillus fumigatus culture filtrate fractions in ELISA for the serological diagnosis of allergic aspergillosis. Khan ZU, et al. **Mykosen** 1984 Jul; 27(7):327-39

Use of a nomogram to quantitate plasma dilutions for serological testing following blood collection in capillary tubes. Zárate RJ, et al. **Trans R Soc Trop Med Hyg** 1985; 79(2):185-6

[Technical note on blood culture] Durkovsky J, et al. **Arch Inst Pasteur Tunis** 1984 Mar;61(1):43-9 (Eng. Abstr.) **(Fre)**

[New prospects for microbiological diagnosis: characterization of soluble microbial antigens] Pillot J. **Presse Med** 1985 Feb 23;14(8):459-61 **(Fre)**

[Value of some serologic tumor tests for the diagnosis of malignant melanoma of the choroid] Klein J, et al. **Fortschr Ophthalmol** 1984;81(4):370-1 (Eng. Abstr.) **(Ger)**

[Serum fractionation by gel filtration at a high flow rate: use for diagnostic purposes] Angeretti A, et al. **G Batteriol Virol Immunol** 1983 Jul-Dec;76(7-12):227-38 (Eng. Abstr.) **(Ita)**

[Universal stabilizer for erythrocytic diagnostic agents] Karal'nik BV, et al. **Lab Delo** 1985;(3):163-6 (Eng. Abstr.) **(Rus)**

[Potentials for the immunodiagnosis of suppurative infection] Belotskii SM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Aug;(8):17-24 (83 ref.) **(Rus)**

STANDARDS

[How precisely do we dilute sera in serological reactions?] Frühbauer Z. **Cesk Epidemiol Mikrobiol Imunol** 1984 Sep; 33(5):304-9 (Eng. Abstr.) **(Cze)**

[Quality control in serodiagnosis] Hudemann H. **Z Gesamte Hyg** 1984 Aug;30(8):422-6 (Eng. Abstr.) **(Ger)**

TRENDS

New trends in the rapid serodiagnosis of leptospirosis. Banfi E, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Sep; 257(4):503-7

SEROLOGY

[Immuno-serological laboratory system] Itoh C. **Rinsho Byori** 1984 Dec;32(12):1301-4 **(Jpn)**

METHODS

The case against 'seronegative RA': a laboratory viewpoint [letter] Lea DJ, et al. **Br J Rheumatol** 1985 May;24(2):225

Comparison of serological techniques to measure antibody to Pasteurella haemolytica A1. Filion LG, et al. **Can J Comp Med** 1985 Jan;49(1):99-103

SEROMUCOID see **OROSOMUCOID**

SEROSITIS

CHEMICALLY INDUCED

[Polyserositis and platelet hypoaggregability caused by penicillin in a female patient with meningococcal meningitis (letter)] Mancebo Cortés J, et al. **Med Clin (Barc)** 1984 Nov 24;83(17):732-3 **(Spa)**

COMPLICATIONS

[Blood hypereosinophilia with eosinophilic polyserositis and retroperitoneal fibrosis (letter)] Hilpert G, et al. **Ann Med Interne (Paris)** 1985;136(4):352 **(Fre)**

DRUG THERAPY

Preliminary observations on short-course chemotherapy in tuberculous serositis. Bakir F, et al. **Respiration** 1984; 46(1):133-8

PATHOLOGY

[32-year-old male with abdominal pain, subcutaneous inflammation in the left inguinal region and acute ischemia of the left hand (clinical conference)] Piqué JM, et al. **Med Clin (Barc)** 1984 Oct 20;83(12):507-16 **(Spa)**

RADIOGRAPHY

Abdominal computed tomography scan in acute lupus abdominal serositis. Oddis C, et al. **J Comput Tomogr** 1984 Oct;8(4):337-9

VETERINARY

Polyserositis in calves [letter] Spellman PG. **Vet Rec** 1984 Nov 17;115(20):527

SEROTHERAPY see **IMMUNIZATION, PASSIVE**

SEROTONIN

ANALOGS & DERIVATIVES

Nutritional aspects of leprosy. Mester de Parajd L, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):293-303

A series of new antileprosy compounds derived from serotonin. Mester de Parajd L, et al. **Acta Leprol (Geneve)** 1985 Jan-Mar;(96):21-8

Effects of acute administration of 5-methoxy-N,N-dimethyltryptamine upon the latency and duration of post-decapitation convulsions. Archer T, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Sep;55(3):224-30

Blockade and reversal of 5-methoxy-N,N-dimethyltryptamine-induced analgesia following noradrenaline depletion. Archer T, et al. **Brain Res** 1985 Apr 29;333(1):55-61

Chronic phenytoin and the stereotyped motor response induced by 5-methoxy-N,N-dimethyltryptamine in rats. Lalonde R, et al. **Brain Res** 1985 Feb 11;326(2):388-91

Scheduled feeding and 24-hour rhythms of N-acetylserotonin and melatonin in rats. Ho AK, et al. **Endocrinology** 1985 May;116(5):1858-62

Increased behavioural response to 5-methoxy-N,N-dimethyltryptamine but not to RU-24969 after intraventricular 5,7-dihydroxytryptamine administration. Nisbet AP, et al. **Eur J Pharmacol** 1984 Sep 3;104(1-2):177-80

Development of tolerance to repeated administration of 5-methoxy-N,N-dimethyltryptamine in rats. Trulson ME, et al. **Eur J Pharmacol** 1985 Jan 15;108(1):33-7

Melatonin is metabolized to N-acetyl serotonin and 6-hydroxymelatonin in man. Young IM, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):114-9

Monitoring of circadian fluctuations of N-acetylserotonin in the rat pineal body by differential pulse voltammetry. Ikeda M, et al. **J Neural Transm** 1985;62(3-4):321-9

Interaction of N-(2-nitro-4-azidophenyl)-serotonin with two types of monoamine oxidase in rat brain. Chen S, et al. **J Neurochem** 1984 Dec;43(6):1680-7

Differential effects of isoproterenol injections on the levels of pineal N-acetyltransferase, serum N-acetylserotonin and melatonin. Ho AK, et al. **Life Sci** 1985 Jun 3;36(22):2137-43

Development of selective tolerance to the serotonin behavioral syndrome and suppression of locomotor activity after repeated administration of either 5-MeODMT or mCPP. Sills MA, et al. **Life Sci** 1985 Jul 1;36(26):2463-9

Photoinactivation of serotonin uptake by an arylazido derivative of 5-hydroxytryptamine. Ransom RW, et al. **Mol Pharmacol** 1985 Aug;28(2):185-90

Potentiation of motoneurone excitability by combined administration of 5-HT agonist and TRH analogue. Clarke KA, et al. **Neuropeptides** 1985 Jun;6(3):269-82

N-Acetylserotonin in the central nervous system. Brown GM, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984;8(4-6):475-80 (31 ref.)

Circadian variation in behavioural responses to central 5-HT receptor stimulation in the mouse. Moser PC, et al. **Psychopharmacology (Berlin)** 1985;86(1-2):223-7

Diurnal rhythms of N-acetylserotonin and serotonin in cerebrospinal fluid of monkeys. Taylor PA, et al. **Science** 1985 May 17;228(4701):900

[Clinical and paraclinical evaluation of lepers at the Marchoux Institute after 12 months of treatment with desoxyfructo-serotonin] Baquillon G, et al. **Acta Leprol (Geneve)** 1984 Jan-Mar;(94):65-8 **(Fre)**

[Update on the treatment of leprosy with desoxyfructo-serotonin at Bamako] Mester de Parajd L. **Acta Leprol (Geneve)** 1984 Jan-Mar;(94):69-70 **(Fre)**

[Identification of N,N-dimethyl-O-(beta-D-glucopyranuronosyl)-5-hydroxytryptamine as a bufotenine metabolite in the rabbit] Vigdorchik MM, et al. **Bioorg Khim** 1984 Feb;10(2):260-4 (Eng. Abstr.) **(Rus)**

ANALYSIS

Application of the dual-cell coulometric detector: a method for assaying monoamines and their metabolites. Achilli G, et al. **Anal Biochem** 1985 Jul;148(1):1-9

An immunohistochemical study of serotonin development in the opossum cerebellum. Bishop GA, et al. **Anat Embryol (Berl)** 1985;171(3):325-38

A simple paired-ion liquid chromatography assay for serotonin in cerebrospinal fluid, platelet-rich plasma, serum and urine. Kwarts E, et al. **Ann Clin Biochem** 1984 Sep; 21 (Pt 5):425-9

Histamine and 5-hydroxytryptamine in human scar tissue. Nara T. **Ann Plast Surg** 1985 Mar;14(3):244-7

Substance P and 5-hydroxytryptamine immunoreactive presynaptic boutons on presumed alpha-motoneurons in the chicken ventral horn. Atsumi S, et al. **Arch Histol Jpn** 1985 Apr;48(2):159-72

Human prostatic endocrine-paracrine (APUD) cells. Distributional analysis with a comparison of serotonin and neuron-specific enolase immunoreactivity and silver stains. di Sant'Agnese PA, et al. **Arch Pathol Lab Med** 1985 Jul; 109(7):607-12

Effects of whole body vibration on biogenic amines in rat brain. Ariizumi M, et al. **Br J Ind Med** 1985 Feb;42(2):133-6

Coexistence of dopamine and serotonin in an identified neuron of the lobster nervous system. Cournil I, et al. **Brain Res** 1984 Sep 24;310(2):397-400

Topographical distributions of 32K and 48K cAMP-regulated phosphoproteins: relationships to dopamine and serotonin innervations in striatum, substantia nigra and cerebral cortex. Lemos JR, et al. **Brain Res** 1984 Dec 3;323(1):47-54

Serotonergic innervation of cat cerebral arteries. Marco EJ, et al. **Brain Res** 1985 Jul 8;338(1):137-9

Serotonin, 5-hydroxyindoleacetic acid and substance P content of discrete brain nuclei in rats made hypo- or hyperthyroid in the neonatal period: effect of growth hormone treatment. Savard P, et al. **Brain Res** 1984 Aug; 317(2):239-45

Ontogenetic alterations in the effects of food and/or maternal deprivation on 5-HT, 5-HIAA and 5-HIAA/5-HT ratios. Spear LP, et al. **Brain Res** 1985 Feb;350(1-2):143-57

Serotonin and opsin immunoreactivities in the developing pineal organ of the three-spined stickleback, Gasterosteus aculeatus L. van Veen T, et al. **Cell Tissue Res** 1984; 237(3):559-64

Localization of serotonin in the hypothalamus and the mesencephalon of the guinea-pig. An immunohistochemical study using monoclonal antibodies. Warembourg M, et al. **Cell Tissue Res** 1985;240(3):711-21

Morphological and pharmacological analysis of putative serotonergic bipolar and amacrine cells in the retina of a turtle, Pseudemys scripta elegans. Weiler R, et al. **Cell Tissue Res** 1985;241(2):373-82

Serotonergic elements of the mammalian pituitary. Payette RF, et al. **Endocrinology** 1985 May;116(5):1933-42

Serotonin and 5-hydroxyindoleacetic acid concentrations in individual hypothalamic nuclei and other brain areas of rat. Oomagari K, et al. **Experientia** 1984 Nov 15; 40(11):1288-90

Serotonin immunohistochemistry reveals immature EC cells. Inokuchi H, et al. **Histochemistry** 1984;80(5):517-8

Subcellular localization of serotonin immunoreactivity in rat enterochromaffin cells. Nilsson O, et al. **Histochemistry** 1985;82(4):351-5

Immunohistological studies of masked indoleamine cells in the area postrema of the rat. Nishida K, et al. **Histochemistry** 1985;82(2):101-6

Small fluorescent cells in the rat kidney contain 5-hydroxytryptamine not a catecholamine. Petrovic T, et al. **J Auton Nerv Syst** 1984 Dec;11(4):329-38

Localization of some neuropeptide- and serotonin-like immunoreactivities in the vegetative network of guinea pig spinal cord. Davidoff MS, et al. **J Hirnforsch** 1985; 26(2):153-65

The effects of different pretreatment conditions and fixation regimes on serotonin immunoreactivity: a quantitative light microscopic study. Clements JR, et al. **J Histochem Cytochem** 1985 Aug;33(8):778-84

Ultrastructural analysis of central serotoninergic neurons immunolabeled by silver-gold-intensified diaminobenzidine chromogen. Completion of immunocytochemistry with X-ray microanalysis. Liposits Z, et al. **J Histochem Cytochem** 1985 Jun;33(6):604-10

Quantitative effects of a neurotoxin upon serotonin levels within tissue compartments of the medicinal leech. Lent CM. **J Neurobiol** 1984 Sep;15(5):309-23

Comparative ontogenesis of brain tryptamine, serotonin, and tryptophan. Artigas F, et al. **J Neurochem** 1985 Jan; 44(1):31-7

Dopamine, serotonin, and acid metabolites in brain regions from the developing offspring of ethanol-treated rats. Rathbun W, et al. **J Neurochem** 1985 Jan;44(1):57-62

Localization of 5-hydroxytryptamine to neurons and endoneurial mast cells in rat sensory ganglia. Kai-Kai MA, et al. **J Neurocytol** 1985 Feb;14(1):63-78

5-Hydroxytryptamine innervation of vessels in the rat cerebral cortex. Immunohistochemical findings and hydrogen clearance study of rCBF. Itakura T, et al. **J Neurosurg** 1985 Jan;62(1):42-7

Serotonin in fore-gut carcinoids. A survey of 60 cases with regard to silver stains, formalin-induced fluorescence and serotonin immunocytochemistry. Wilander E, et al. **J Pathol** 1985 Mar;145(3):251-8

Serotonin in body fluids: characterization of human plasmatic and cerebrospinal fluid pools by means of a new HPLC method. Artigas F, et al. **Life Sci** 1985 Aug 5;37(5):441-7

Histochemical changes of substance P, FRAP, serotonin and succinic dehydrogenase in the spinal cord of rats with adjuvant arthritis. Schoenen J, et al. **Life Sci** 1985 Apr 1;36(13):1247-54

Lifetime brain serotonin: regional effects of age and precursor availability. Timiras PS, et al. **Neurobiol Aging** 1984 Fall; 5(3):235-42

Serotonin concentrations in normal aging human brains: relation to serotonin receptors. Wester P, et al. **Neurobiol Aging** 1984 Fall;5(3):199-203

Changes in serotonin levels, N-acetyltransferase activity, hydroxyindole-O-methyltransferase activity, and melatonin levels in the pineal gland of the Richardson's ground squirrel in relation to the light-dark cycle. Reiter RJ, et al. **Neuroendocrinology** 1984 Oct;39(4):356-60

Determination of dopamine, norepinephrine, serotonin and their major metabolic products in rat brain by reverse-phase ion-pair high performance liquid chromatography with electrochemical detection. Kotake C, et al. **Pharmacol Biochem Behav** 1985 Jan;22(1):85-9

The monoaminergic innervation of the rat visual cortex. Parnavelas JG, et al. **Proc R Soc Lond [Biol]** 1985 Jan 22; 223(1232):319-29

Rat brain concentrations of 5-hydroxytryptamine following acute and chronic administration of MAO-inhibiting antidepressants. Baker GB, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):653-6

Brain levels of 5-hydroxytryptamine, tryptamine and 2-phenylethylamine in the rat after administration of N-cyanoethyltranylcypromine. Baker GB, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):657-60

Twenty-four hour rhythms of norepinephrine and serotonin in nucleus suprachiasmaticus, raphe nuclei, and locus coeruleus in the rat. Semba J, et al. **Sleep** 1984;7(3):21

[A report on the 5-HT content of lung tissue in bronchogenic carcinoma, carcinoid and non-carcinomatous lesions] Jiang XF. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** (Chi) 1984 Dec;7(6):349-51, 383 (Eng. Abstr.)

[Changes in serotonin and histamine levels in blood and liver after acute hepatic ischemia] Ono J, et al. **Nippon Geka Gakkai Zasshi** 1984 Oct;85(10):1301-7 (Eng. (Jpn) Abstr.)

[Relation between changes in gastric secretion and serotonin concentration in gastric juice in patients with chronic gastroduodenitis complicating tuberculous toxicosis] Shestakova VN. **Pediatriia** 1984 Oct;(10):65-6 (Rus)

BIOSYNTHESIS

Impaired maternal behaviour and altered central serotonergic activity in the adult offspring of chronically ethanol treated dams. Hård E, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 May;56(5):347-53

6R-L-erythro-5,6,7,8-tetrahydrobiopterin as a regulator of dopamine and serotonin biosynthesis in the rat brain. Miwa S, et al. **Arch Biochem Biophys** 1985 May 15;239(1):234-41

Stimulation of serotonin synthesis in rat brain after antiepilepsirine, an antiepileptic piperine derivative. Liu GQ, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3883-6

Effect of hypophysectomy and subsequent prolactin administration on hypothalamic 5-hydroxytryptamine synthesis in ovariectomized rats. King TS, et al. **Endocrinology** 1985 Feb;116(2):485-91

Decreased vigilance and neurotransmitter synthesis after discontinuation of dietary treatment for phenylketonuria in adolescents. Lou HC, et al. **Eur J Pediatr** 1985 May; 144(1):17-20

Effect of early maternal deprivation on brain 5-HT & pentobarbitone sleeping time in suckling rats. Chakrabarti A, et al. **Indian J Med Res** 1985 Mar;81:286-92

Human colonic substance P-producing cells are a separate population from the serotonin-producing enterochromaffin cells. Sokolski KN, et al. **J Histochem Cytochem** 1984 Oct; 32(10):1066-74

Methamphetamine-induced depression of monoamine synthesis in the rat: development of tolerance. Schmidt CJ, et al. **J Neurochem** 1985 Mar;44(3):852-5

Caffeine injection raises brain tryptophan level, but does not stimulate the rate of serotonin synthesis in rat brain. Fernstrom MH, et al. **Life Sci** 1984 Sep 17;35(12):1241-7

Effect of triamterene on 5-hydroxytryptamine biosynthesis in different brain areas. Steinberg P, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Mar; 329(1):42-4

Role of the serotonin uptake carrier in the neurochemical response to methamphetamine: effects of citalopram and chlorimipramine. Schmidt CJ, et al. **Neurochem Res** 1985 May;10(5):637-48

Comparison of the effects of benzodiazepines and other anticonvulsant drugs on synthesis and utilization of 5-HT in mouse brain. Pratt JA, et al. **Neuropharmacology** 1985 Jan;24(1):59-68

[Biosynthesis of serotonin in the peripheral tissues] Hasegawa H. **Tanpakushitsu Kakusan Koso** 1984 Nov;29(12 (Jpn) Suppl):1295-305 (38 ref.)

[Effect of cold on the brain serotonin system and the corticosteroid level of the blood in different strains of mice] Koriakina LA, et al. **Fiziol Zh SSSR** 1985 Apr;71(4):422-7 (Rus) (Eng. Abstr.)

BLOOD

Effects of mechanical ventilation and halothane on pulmonary serotonin removal in dogs. Tarkka M. **Acta Anaesthesiol Scand** 1985 Apr;29(3):300-2

Altered releasability of vasoactive mediator secreting cells in atopic eczema. Ring J, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:9-23 (96 ref.)

5-Hydroxytryptamine in platelets of torsion dystonia patients. Korczyn AD, et al. **Acta Neurol Scand** 1985 Feb; 71(2):171-3

Human platelet 5-hydroxytryptamine concentration as a tool in prediction of solvent induced neurotoxic effects. Lam HR, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Mar; 56(3):233-8

Plasma serotonin levels in agoraphobia [letter] Evans L, et al. **Am J Psychiatry** 1985 Feb;142(2):267

Selective release from platelet granules induced by plasma lipoproteins. Aviram M, et al. **Biochem Med** 1984 Aug; 32(1):30-3

Circadian rhythm of serotonin uptake in the blood platelets of normal controls. Arora RC, et al. **Biol Psychiatry** 1984 Nov;19(11):1579-84

Biological stress responses in high and low trait anxious students. Davis DD, et al. **Biol Psychiatry** 1985 Aug; 20(8):843-51

Comparison of whole blood serotonin and platelet MAO in children with schizophrenia and major depressive disorder. Rogeness GA, et al. **Biol Psychiatry** 1985 Mar;20(3):270-5

Platelet aggregability, disaggregability and serotonin uptake in migraine. Kruglak L, et al. **Cephalalgia** 1984 Dec; 4(4):221-5

Concentration and uptake of 5-hydroxytryptamine in platelets from cluster headache and migraine patients. Waldenlind E, et al. **Cephalalgia** 1985 Mar;5(1):45-54

Acute hypotension due to platelet serotonin-induced chemoreflexes after intravenous injection of dextran sulfate in the rabbit. Wiggins RC, et al. **Circ Res** 1985 Aug; 57(2):262-77

Liquid chromatography of serotonin and adenine nucleotides in blood platelets, illustrated by evaluation of functional integrity of platelet preparations. Ingebretsen OC, et al. **Clin Chem** 1985 May;31(5):695-8

Rapid procedure for finger-stick whole-blood analysis for serotonin by electrochemical-array-cell liquid chromatography [letter] Matson WR, et al. **Clin Chem** 1985 Aug;31(8):1407

Precise determination of 5-hydroxytryptamine in platelets and platelet-poor plasma [letter] Molyneux SG, et al. **Clin Chem** 1985 Sep;31(9):1573-4

Serotonin in toxaemia of pregnancy. Gujrati VR, et al. **Clin Exp Pharmacol Physiol** 1985 Jan-Feb;12(1):9-18

Further studies on the effects of adrenal steroids in the active transport of serotonin into rat platelets. Lee PH, et al. **Clin Exp Pharmacol Physiol** 1985 Jan-Feb;12(1):43-50

Intraplatelet serotonin (I5HT) in children with the hemolytic uremic syndrome. Edefonti A, et al. **Clin Nephrol** 1985 Apr; 23(4):207-11

Postnatal development of 3H-5-HT binding in the presence of GTP in rat brain cortex. Fillion G, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:1-5

Rapid bidirectional effects of insulin on hypothalamic noradrenergic and serotoninergic neuronal activity in the rat: role in glucose homeostasis. Smythe GA, et al. **Endocrinology** 1985 Oct;117(4):1590-7

Plasma serotonin concentrations during and after cardiac surgery. Anger C, et al. **Eur J Anaesthesiol** 1984 Mar; 1(1):11-20

Serotonin (5-hydroxytryptamine) in medullary thyroid carcinoma with or without pheochromocytoma. Engbaek F. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):469-73

Effect of steroids on the inhibition of platelet 5HT uptake by desipramine and other antidepressants. Lee PH, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):255-62

[3H]Imipramine binding and [3H]5HT uptake in human blood platelets: changes after one week chlorimipramine treatment. Poirier MF, et al. **Eur J Pharmacol** 1984 Nov 27;106(3):629-33

Physostigmine effects on serotonin uptake in human blood platelets. Rausch JL, et al. **Eur J Pharmacol** 1985 Feb 12; 109(1):91-6

Effect of a meal on human whole blood serotonin. Anderson GM, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):86-9

An evaluation of blood serotonin in infertile male patients. Ishikawa H, et al. **Hinyokika Kiyo** 1984 Sep;30(9):1201-5

Effect of lowering the peripheral level of 5-hydroxytryptamine in host on the virulence of Entamoeba histolytica. Ahmad I, et al. **Indian J Med Res** 1984 Jun;79:741-3

Adrenergic control of serotonin release from a midgut carcinoid tumour. Nilsson O, et al. **Int J Cancer** 1985 Sep 15;36(3):307-12

Serotonin relationships of autistic probands and their first-degree relatives. Kuperman S, et al. **J Am Acad Child Psychiatry** 1985 Mar;24(2):186-90

Serotonin levels in fragile X autistic patients [letter] Jackson A 3d, et al. **J Autism Dev Disord** 1984 Dec;14(4):451-2

Evidence that phospholipid turnover is the signal transducing system coupled to serotonin-S2 receptor sites. de Chaffoy de Courcelles D, et al. **J Biol Chem** 1985 Jun 25; 260(12):7603-8

Serotonin secretion from human platelets may be modified by Ca2+-activated, phospholipid-dependent myosin phosphorylation. Inagaki M, et al. **J Biol Chem** 1984 Dec 10;259(23):14321-3

Platelet serotonin in essential hypertension and in mental depression. Baudouin-Legros M, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S12-4

Effect of ketanserin on hemodynamics, plasma-catecholamine concentrations, and serotonin uptake by platelets in volunteers and patients with congestive heart failure. Grobecker H, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S102-4

Platelet serotonin and blood tryptophan in spontaneously hypertensive and normotensive Wistar-Kyoto rats. Guicheney P, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S15-7

Serotonin release and phosphoinositide breakdown in thrombin-induced activation of human platelets. Marche P, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S18-9

Determination of serotonin in plasma by liquid chromatography with electrochemical detection. Picard M, et al. **J Chromatogr** 1985 Jun 14;341(2):445-51

Characterization of 5-hydroxytryptamine binding sites in the plasma membrane of pig blood platelets. Hoffmann D, et al. **J Neural Transm** 1985;61(3-4):193-218

Platelet serotonin content and uptake in spontaneously hypertensive rats. Guicheney P, et al. **Life Sci** 1985 Feb 18;36(7):679-85

Whole blood serotonin and tryptophan levels in Tourette's disorder: effects of acute and chronic clonidine treatment. Leckman JF, et al. **Life Sci** 1984 Dec 17;35(25):2497-503

Imipramine treatment differentially affects platelet 3H-imipramine binding and serotonin uptake in depressed patients. Suranyi-Cadotte BE, et al. **Life Sci** 1985 Feb 25; 36(8):795-9

5-Hydroxytryptamine uptake by blood platelets of unipolar and bipolar depressed patients. Modai I, et al. **Neuropsychobiology** 1984;12(2-3):93-5

Serotonin levels and platelet uptake during premenstrual tension. Taylor DL, et al. **Neuropsychobiology** 1984; 12(1):16-8

Effects of eight-week treatment with oral ranitidine on plasma level changes of gastrin, histamine and serotonin in duodenal ulcer patients. Cho CH, et al. **Pharmacol Res Commun** 1985 Jun;17(6):525-33

Involvement of catecholamines and serotonin in human hypertension. Sharma A, et al. **Pharmacol Res Commun** 1985 Jun;17(6):565-74

Serotonin and schizophrenia: correlations between serotonergic activity and schizophrenic motor behavior. King R, et al. **Psychiatry Res** 1985 Mar;14(3):235-40

Reduced platelet serotonin in depression. Le Quan-Bui KH, et al. **Psychiatry Res** 1984 Oct;13(2):129-39

Uncoupler-accelerated efflux of 5-hydroxytryptamine from platelets of healthy subjects and patients with unipolar and bipolar depression. Peterson LL, et al. **Psychiatry Res** 1984 Oct;13(2):141-50

Changes in human platelet 5 HT level after 1 week of chlorimipramine treatment. Poirier MF, et al. **Psychopharmacology (Berlin)** 1985;86(1-2):194-6

Rapid communication whole blood serotonin and the type A behavior pattern. Madsen D, et al. **Psychosom Med** 1984 Nov-Dec;46(6):546-8

The menstrual cycle and platelet 5-HT uptake. Tam WY, et al. **Psychosom Med** 1985 Jul-Aug;47(4):352-62

Inhibition of platelet function by contrast media: iopamidol and ioxaglate versus iothalamate. Work in progress. Rao AK, et al. **Radiology** 1985 Aug;156(2):311-3

Evaluation of two distinctive beta-carbolines on serotonin binding in human platelets. Taylor DL, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jan;47(1):133-6

High-performance liquid chromatographic assay of serotonin in human plasma. Marasini B, et al. **Ric Clin Lab** 1985 Jan-Mar;15(1):63-9

Increased levels of plasma 5-hydroxytryptamine in patients with coeliac disease. Sjölund K, et al. **Scand J Gastroenterol** 1985 Apr;20(3):304-8

Platelet 5-hydroxytryptamine transport and storage i myeloproliferative disorders. Cortellazzo S, et al. **Scand J Haematol** 1985 Feb;34(2):146-51

Effect on the uptake kinetics of serotonin (5-hydroxytryptamine) in platelets from workers wit long-term exposure to organic solvents. A pilot study Beving H, et al. **Scand J Work Environ Health** 1984 Au 10(4):229-34

Abnormal platelet serotonin uptake and binding sites myeloproliferative disorders. Caranobe C, et al. **Thromb Haemost** 1984 Jul 29;51(3):349-53

The appearance of exhausted platelets due to a duration hypertension in stroke-prone spontaneously hypertensi rats. Tomita T, et al. **Thromb Res** 1985 Jan 1;37(1):195-2

[Blood serotonin and histamine in sheep with enden scrapie: initial results] Chatelain J, et al.

C R Soc Biol (Paris) 1984;178(6):664-70 (Eng. Abstr.) **(Fre)**

[Classification of chronic psychoses types I and II and platelet serotonin levels. Apropos of 38 cases] Boudjema F, et al. **Encephale** 1985 Jan-Feb;11(1):39-42 (Eng. Abstr.) **(Fre)**

[Cigarette smoking and lung metabolism--effect of cigarette smoke exposure on blood levels of histamine, serotonin and ACE activity in guinea pigs] Kitamura S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Nov; 22(11):1000-3 (Eng. Abstr.) **(Jpn)**

[The serotonin-monoamine oxidase system after treatment of uterine inertia by reflexotherapy] Markelova VF, et al. **Akush Ginekol (Mosk)** 1984 Aug;(8):28-31 (Eng. Abstr.) **(Rus)**

[Localization of catecholamines, serotonin, histamine and acetylcholinesterase in human peripheral blood structures] Teniukov VV, et al. **Arkh Anat Gistol Embriol** 1984 Nov; 87(11):78-81 (Eng. Abstr.) **(Rus)**

[Changes in the number of Ec cells in the small intestine and the serotonin level in the blood plasma of fasting rats] Solomatina TM, et al. **Biull Eksp Biol Med** 1985 Aug; 100(8):162-4 (Eng. Abstr.) **(Rus)**

[Neurophysiological mechanisms, serotonin metabolism and dysbacteriosis in the pathogenesis of chronic colitis in children] Lozovskaia LI, et al. **Pediatriia** 1985 Jun;(6):24-6 (Eng. Abstr.) **(Rus)**

[Serum alpha-tocopherol and serotonin levels in patients with tuberculosis of the female genitals] Sharipov VN, et al. **Probl Tuberk** 1984 Jul;(7):23-7 (Eng. Abstr.) **(Rus)**

[State of the serotonin-monoamine oxidase-serotoninopexy system and its relation to immunological indicators in patients with pulmonary tuberculosis] Chernushenko EF, et al. **Vrach Delo** 1985 Apr;(4):66-9 (Eng. Abstr.) **(Rus)**

[Blood serotonin levels and urinary excretion of tryptamine in toxic hepatitis caused by fluoride compounds] Medvedeva VN. **Vrach Delo** 1985 Jun;(6):92-5 (Eng. Abstr.) **(Rus)**

[Serotonin concentration and transport in the blood platelets of ischemic stroke patients and their relatives] Davidenkova EF, et al. **Zh Nevropatol Psikhiatr** 1985;85(1):5-9 (Eng. Abstr.) **(Rus)**

[Changes in blood serotonin levels in patients with migraine headaches before and after a course of reflexotherapy] Markelova VF, et al. **Zh Nevropatol Psikhiatr** 1984; 84(9):1313-6 (Eng. Abstr.) **(Rus)**

CEREBROSPINAL FLUID

Serotonin and 5-hydroxyindoleacetic acid in CSF. Difference in Parkinson's disease and dementia of the Alzheimer's type. Volicer L, et al. **Arch Neurol** 1985 Feb; 42(2):127-9

Increased cerebrospinal fluid 5-hydroxytryptamine and 5-hydroxyindoleacetic acid in Kleine-Levin syndrome. Koerber RK, et al. **Neurology** 1984 Dec;34(12):1597-600

Changes in 5-HIAA and 5-HT levels in lumbar CSF following morphine administration to conscious dogs. Bardon T, et al. **Neurosci Lett** 1984 Aug 24;49(1-2):147-51

Dopamine and serotonin metabolites in rat cerebroventricular fluid following withdrawal of haloperidol or electroshock treatment. Barkai AI, et al. **Psychopharmacology (Berlin)** 1984;84(3):352-5

Diurnal rhythms of N-acetylserotonin and serotonin in cerebrospinal fluid of monkeys. Taylor PA, et al. **Science** 1985 May 17;228(4701):900

[The effects of cerebral ischemia on the level of metabolites of dopamine and serotonin in the rat cerebrospinal fluid] Ceballos I, et al. **J Pharmacol** 1984 Jul-Sep;15(3):319-30 (Eng. Abstr.) **(Fre)**

DEFICIENCY

Raphe nucleus encephalopathy (myalgic encephalomyelitis, epidemic neuromyasthenia). Maurizi CP. **Med Hypotheses** 1985 Apr;16(4):351-4

[Characteristics of monoaminergic regulation in endocrine infertility] Koreneva GP, et al. **Akush Ginekol (Mosk)** 1984 Aug;(8):51-2 (Eng. Abstr.) **(Rus)**

DIAGNOSTIC USE

Bronchial challenge with serotonin in asthmatics. Tønnesen P. **Allergy** 1985 Feb;40(2):136-40

Nasal challenge with serotonin and histamine in normal persons. Tønnesen P, et al. **Allergy** 1985 Jul;40(5):350-3

Genetic factors in non-specific bronchial reactivity in rats. Pauwels R, et al. **Eur J Respir Dis** 1985 Feb;66(2):98-104

Lung damage and pulmonary uptake of serotonin in intact dogs. Dawson CA, et al. **J Appl Physiol** 1985 Jun; 58(6):1761-6

IMMUNOLOGY

Immunocytochemical localization of serotonin-like immunoreactivities in the ciliated epithelium of the frog palatine mucosa. Maruyama I, et al. **Acta Anat (Basel)** 1984; 120(3):160-3

Antisera against the indolealkylamines: tryptophan, 5-hydroxytryptophan, 5-hydroxytryptamine, 5-methoxytryptophan, and 5-methoxytryptamine tested by an enzyme-linked immunosorbent assay method. Geffard M, et al. **J Neurochem** 1985 Apr;44(4):1221-8

Preparation and characterization of antisera and monoclonal antibodies to serotonergic and dopaminergic ligands. Flurkey K, et al. **J Neuroimmunol** 1985 May;8(2-3):115-27

Immunorecognition of anti-serotonin antibodies by using a radiolabelled ligand. Geffard M, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):217-22

METABOLISM

Effects of histamine and cimetidine on the levels of serotonin and 5-hydroxyindoleacetic acid in various parts of the digestive tract and in the blood and brain of rats. Kleinrok Z, et al. **Acta Physiol Pol** 1984 Mar-Apr;35(2):125-30

5-Hydroxytryptamine releasing activity in culture supernatants of guinea pig lymphocytes. Hagen M, et al. **Agents Actions** 1984 Oct;15(3-4):264-6

The effect of stimulation and blocking of histamine H2 receptors on the turnover of the serotonin in different parts of the alimentary tract and the brain of the rat. Skrzydlo-Radomańska B, et al. **Agents Actions** 1985 Apr; 16(3-4):183-6

Specific binding of serotonin in rat lung. Das DK, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E58-63

Differences in brain serotonergic metabolism between nonbulimic and bulimic patients with anorexia nervosa. Kaye WH, et al. **Am J Psychiatry** 1984 Dec; 141(12):1598-601

Pretreatment neurotransmitter metabolite levels and response to tricyclic antidepressant drugs. Maas JW, et al. **Am J Psychiatry** 1984 Oct;141(10):1159-71

Lithium, CNS serotonergic tone, and intoxication [letter] Zucker DK, et al. **Am J Psychiatry** 1985 Jul;142(7):886-7

Simultaneous measurement of serotonin and propranolol pulmonary extraction in patients after extracorporeal circulation and surgery. Dargent F, et al. **Am Rev Respir Dis** 1985 Feb;131(2):242-5

Pulmonary extraction of serotonin and propranolol in patients with adult respiratory distress syndrome. Morel DR, et al. **Am Rev Respir Dis** 1985 Sep;132(3):479-84

Analgetic contribution of sufentanil during halothane anesthesia: a mechanism involving serotonin. Althaus JS, et al. **Anesth Analg** 1985 Sep;64(9):857-63

Mediation of storage and retrieval with two drugs that selectively modulate serotonergic neurotransmission. Altman HJ. **Ann NY Acad Sci** 1985;444:496-8

The influence of N-methyl-4-phenyl-1,2,3,6-tetrahydropyridine on the levels of dopamine, serotonin and their metabolites in the caudate nucleus of the rat. Russ H, et al. **Arzneimittelforsch** 1985;35(2):481-2

Serotonectin and the family of proteins that bind serotonin. Gershon MD, et al. **Biochem Pharmacol** 1984 Oct 15; 33(20):3115-8 (47 ref.)

Effect of superior cervical ganglionectomy on melatonin stimulation by specific MAO-A inhibition. McIntyre IM, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3393-4

Interleukin 1-like factors can accumulate 5-hydroxytryptamine in the liver of mice and can induce hypoglycaemia. Endo Y, et al. **Biochim Biophys Acta** 1985 May 29;840(1):37-42

Transport of 5-hydroxytryptamine in membrane vesicles from rat basophilic leukemia cells. Kanner BI, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):403-10

Evidence that the accumulation of 5-hydroxytryptamine in the liver but not in the brain may cause the hypoglycaemia induced by 5-hydroxytryptophan. Endo Y. **Br J Pharmacol** 1985 Jul;85(3):591-8

Effects of p-chlorophenylalanine on the sensitivity of rat intestine to agonists and on intestinal 5-hydroxytryptamine levels during Nippostrongylus brasiliensis infection. Farmer SG, et al. **Br J Pharmacol** 1984 Aug;82(4):883-9

The effect of fasting on 5-hydroxytryptamine metabolism in brain regions of the albino rat. Fuenmayor LD, et al. **Br J Pharmacol** 1984 Oct;83(2):357-62

5-Hydroxytryptamine release in vivo from a cytoplasmic pool: studies on the 5-HT behavioural syndrome in reserpinized rats. Kuhn DM, et al. **Br J Pharmacol** 1985 Jan;84(1):121-9

Influence of some agents that affect 5-hydroxytryptamine metabolism and receptors on nitrazepam-induced sleep in mice. Wambebe C. **Br J Pharmacol** 1985 Jan;84(1):185-91

Differentiation of monoamine accumulating neuron systems in cultured chick retina: an immunohistochemical and fluorescence histochemical study. Araki M, et al. **Brain Res** 1984 Aug;317(2):229-37

Enkephalin-like immunoreactivity in rat area postrema: ultrastructural localization and coexistence with serotonin. Armstrong DM, et al. **Brain Res** 1984 Sep 24;310(2):269-78

The distribution and origin of serotonin immunoreactivity in the rat cerebellum. Bishop GA, et al. **Brain Res** 1985 Apr 8;331(2):195-207

The involvement of serotonin neurones in the inhibition of renal nerve activity during desynchronized sleep. Coote JH, et al. **Brain Res** 1985 Aug 12;340(2):277-84

Ontogenetic development of serotoninergic neurons in the brain of a teleost, the three-spined stickleback. An immunohistochemical analysis. Ekström P, et al. **Brain Res** 1985 Jan;349(1-2):209-24

Intrahypothalamic 5,7-dihydroxytryptamine: temporal analysis of effects on 5-hydroxytryptamine content in brain nuclei and on facilitated lordosis behavior. Frankfurt M, et al. **Brain Res** 1985 Aug 5;340(1):127-33

Spinal cord serotonin: a biochemical and immunohistochemical study following transection. Hadjiconstantinou M, et al. **Brain Res** 1984 Nov 26; 322(2):245-54

The effects of ethanol on the efflux and release of norepinephrine and 5-hydroxytryptamine from slices of rat hypothalamus. Hyatt MC, et al. **Brain Res** 1985 Jul 1; 337(2):255-62

Effect of GM1 ganglioside on neonatally neurotoxin induced degeneration of serotonin neurons in the rat brain. Jonsson G, et al. **Brain Res** 1984 Nov;318(2):171-80

Decreased serotonin content of embryonic raphe neurons following maternal administration of p-chlorophenylalanine: a quantitative immunocytochemical study. Lauder JM, et al. **Brain Res** 1985 May;352(1):107-14

6-Hydroxydopamine produces lesions of serotonin-containing Retzius cells in the leech nervous system. Lent CM, et al. **Brain Res** 1984 Dec 10; 323(2):335-41

Some insect sensory neurones contain 5-hydroxytryptamine. Lutz EM, et al. **Brain Res** 1985 Jan 28;325(1-2):353-6

The effect of 5,7-dihydroxytryptamine on the serum corticosterone resistance to suppression by dexamethasone. McIntyre IM, et al. **Brain Res** 1984 Aug 20;309(1):156-8

Serotonin-2 binding sites in human frontal cortex and hippocampus. Selective loss of S-2A sites with age. Marcusson JO, et. al. **Brain Res** 1984 Oct 8;311(1):51-6

The distribution of monoaminergic cells and fibers in a periventricular preoptic nucleus involved in the control of gonadotropin release: immunohistochemical evidence for a dopaminergic sexual dimorphism. Simerly RB, et al. **Brain Res** 1985 Mar 18;330(1):55-64

Reversal of the sexually dimorphic distribution of serotonin-immunoreactive fibers in the medial preoptic nucleus by treatment with perinatal androgen. Simerly RB, et al. **Brain Res** 1985 Aug 5;340(1):91-8

The cells of origin of a sexually dimorphic serotonergic input to the medial preoptic nucleus of the rat. Simerly RB, et al. **Brain Res** 1984 Dec 17;324(1):185-9

Changes of serotonin and dopamine metabolism in various forebrain areas of rats injected with morphine either systemically or in the raphe nuclei dorsalis and medianus. Spampinato U, et al. **Brain Res** 1985 Feb 25;328(1):89-95

Characterization of sodium-dependent, high-affinity serotonin uptake in rat spinal cord synaptosomes. Stauderman KA, et al. **Brain Res** 1985 Mar 18;330(1):11-20

Early postnatal administration of 5,7-DHT: effects on serotonergic neurons and terminals. Towle AC, et al. **Brain Res** 1984 Sep 17;310(1):67-75

Immunocytochemical and radioautographic study of serotonin projections to cerebral ventricles of perinatal rats. Ugrumov MV, et al. **Brain Res** 1985 Feb;350(1-2):225-30

Substance P-immunoreactive processes on 5HT/SP-immunoreactive medullary cells. Hancock MB. **Brain Res Bull** 1984 Oct;13(4):559-63

5-Hydroxytryptamine in the spinal cord of the domestic fowl. Ho RH, et al. **Brain Res Bull** 1984 Sep;13(3):427-31

Postnatal development of serotonin in adrenal medullary cells. Holzwarth MA, et al. **Brain Res Bull** 1985 Jan; 14(1):15-23

Serotonin-immunoreactivity in the adrenal medulla: distribution and response to pharmacological manipulation. Holzwarth MA, et al. **Brain Res Bull** 1984 Aug; 13(2):299-308

Atlas of serotonergic cell bodies in the cat brainstem: an immunocytochemical analysis. Jacobs BL, et al. **Brain Res Bull** 1984 Jul;13(1):1-31

5-HT immunoreactive hypothalamic neurons in rat and cat after 5-HTP administration. Sakumoto T, et al. **Brain Res Bull** 1984 Jun;12(6):721-33

Isolation of glomeruli from areas of bovine cerebellum and comparison of [3H]serotonin uptake. Terrian DM, et al. **Brain Res Bull** 1985 May;14(5):469-75

5-Hydroxytryptamine synthesis, storage, and secretion from rat pancreatic acinar cells. Falardeau P, et al. **Can J Physiol Pharmacol** 1984 Jul;62(7):755-61

Evidence for 5-hydroxytryptamine in neurones in the gut of the toad, Bufo marinus. Anderson C, et al. **Cell Tissue Res** 1984;238(2):313-7

Co-existence of immunoreactivity to anti-dopamine, anti-serotonin and anti-vasotocin in the cerebral giant neuron of the pond snail Lymnaea stagnalis. Boer HH, et al. **Cell Tissue Res** 1984;238(2):411-2

Localization of somatostatin-, bombesin-, and serotonin-like immunoreactivity in the lung of the fetal rhesus monkey. Dayer AM, et al. **Cell Tissue Res** 1985;239(3):621-5

Immunocytochemical demonstration of neuropeptides and serotonin in the tapeworm Diphyllobothrium dendriticum. Gustafsson MK, et al. **Cell Tissue Res** 1985;240(2):255-60

Immunocytochemical localization of serotonin in the brain and pituitary gland of the platyfish, Xiphophorus maculatus. Margolis-Kazan H, et al. **Cell Tissue Res** 1985; 240(2):311-4

Effect of combined administration of tryptophan with putative tryptophan pyrrolase inhibitors, DL-3-pyridylalanine, allopurinol or nicotinamide, on brain serotonin concentration. Shimeno H, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2353-63

Comparative effects of DL, D and L-3-pyridylalanine on serotonin concentration and tryptophan-serotonin metabolizing enzymes. Shimeno H, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3620-5

Unsaturated 1-O-alkyl-2-acetyl-sn-glycero-3-phosphocholines (unsaturated platelet-activating factor): aggregation of human platelets after incubation with indomethacin, creatinephosphate/creatinephosphokinase, xylocain and hirudine, and serotonin release after incubation with indomethacin. Korth R, et al. **Chem Phys Lipids** 1985 Jan; 36(3):209–14

Effect of cianopramine, a tricyclic antidepressant, on platelet serotonin uptake and peripheral adrenergic function. Eichler HG, et al. **Clin Pharmacol Ther** 1984 Oct; 36(4):542–5

The influence of testosterone in the brain of the male rat on levels of serotonin (5–HT) and hydroxyindole–acetic acid (5–HIAA). Martinez–Conde E, et al. **Comp Biochem Physiol [C]** 1985;80(2):411–4

The occurrence, synthesis and metabolism of 5–hydroxytryptamine and 5–hydroxytryptophan in the cestode Hymenolepis diminuta: a high performance liquid chromatographic study. Ribeiro P, et al. **Comp Biochem Physiol [C]** 1984;79(1):159–64

Distribution of 5–hydroxytryptamine and indolealkylamine metabolites in the American cockroach, Periplaneta americana L. Sloley BD, et al. **Comp Biochem Physiol [C]** 1984;79(2):281–6

The uptake and metabolism of 5–hydroxytryptamine by tissue slices of the cestode Hymenolepis diminuta. Webb RA. **Comp Biochem Physiol [C]** 1985;80(2):305–12

2–Nitroimipramine: a photoaffinity probe for the serotonin uptake/tricyclic binding site complex. Wennogle LP, et al. **EMBO J** 1985 Apr;4(4):971–7

Influence of glucocorticoids on brain serotonin metabolism in rats. Kawamura H, et al. **Endocrinol Jpn** 1984 Oct; 31(5):595–603

Characterization of [3H]5–hydroxytryptamine uptake within rat cerebrovascular tree. Amenta F, et al. **Eur J Pharmacol** 1985 Jun 7;112(2):181–6

Age–related changes in 5HT uptake and [3H]imipramine binding sites in rat cerebral cortex. Brunello N, et al. **Eur J Pharmacol** 1985 Apr 16;110(3):393–4

Inhibition of [3H]imipramine binding and [3H]5–HT uptake in human platelets by some natural indoleamine and catecholamine aldehyde condensation products. Brusov OS, et al. **Eur J Pharmacol** 1984 Aug 3;103(1–2):191–2

Correlation of [3H]5–hydroxytryptamine (5HT) binding to brain stem preparations and the production and prevention of myoclonus in guinea pig by 5HT agonists and antagonists. Luscombe G, et al. **Eur J Pharmacol** 1984 Sep 17;104(3–4):235–44

Chronic clonidine induces functional down–regulation of presynaptic alpha 2–adrenoceptors regulating [3H]noradrenaline and [3H]5–hydroxytryptamine release in the rat brain. Maura G, et al. **Eur J Pharmacol** 1985 May 28;112(1):105–10

Ketanserin alters [3H]serotonin uptake and release in rat hypothalamus. Offord SJ, et al. **Eur J Pharmacol** 1984 Sep 17;104(3–4):379–82

Does brain 5–HIAA indicate serotonin release or monoamine oxidase activity? Wolf WA, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):381–7

Serotonin uptake by progeny of murine megakaryocyte precursors (CFU–M) in vitro. Bricker LJ, et al. **Exp Hematol** 1984 Sep;12(8):672–5

Suppression of the immune response by drugs interfering with the metabolism of serotonin. Boranić M, et al. **Experientia** 1984 Oct 15;40(10):1153–5

The effect of castration, testosterone and estradiol on 14C–serotonin metabolism by organ cultures of male rat pineal glands. Daya S, et al. **Experientia** 1985 Feb 15; 41(2):275–6

Influence of diet on plasma tryptophan and brain serotonin levels in mice. De Marte ML, et al. **Experientia** 1985 Jan 15;41(1):48–50

The enteric neural receptor for 5–hydroxytryptamine. Gershon MD, et al. **Experientia** 1985 Jul 15;41(7):863–8

Comparison of diurnal and nocturnal rates of 5–hydroxytryptamine turnover in the rat mediobasal hypothalamus. King TS, et al. **Experientia** 1985 Mar 15; 41(3):417–9

Endothelial serotonin uptake and mediation of prostanoid secretion and stress fiber formation. Shepro D, et al. **Fed Proc** 1985 Jul;44(10):2616–9

The effect of radioactive iodine on brain acetylcholine and serotonin in normal and stress subjected rats. Hasan SS, et al. **Folia Biol (Krakow)** 1984;32(3):201–08

Evidence for negative feedback control of the release of [3H]serotonin from superfused mouse cerebellum slices induced by electrical field stimulation. Figueroa HR, et al. **Gen Pharmacol** 1985;16(2):103–8

Changes in mouse brain serotonin turnover following chronic imipramine administration. Hall TR, et al. **Gen Pharmacol** 1985;16(1):55–9

Experimental studies on acute gastric mucosal lesion involved with obstructive jaundice: mainly on the changes of amine contents in the gastric mucosa on cold restraint stress. Kodama O, et al. **Hiroshima J Med Sci** 1985 Mar;34(1):75–9

Ultrastructural localization of calcitonin, somatostatin and serotonin in parafollicular cells of rat thyroid. Zabel M. **Histochem J** 1984 Dec;16(12):1265–72

The occurrence of serotonin–containing cells in the esophageal epithelium of the bullfrog Rana catesbeiana: a fluorescence histochemical and immunohistochemical study. Nada O, et al. **Histochemistry** 1984;81(2):115–8

Bulbospinal serotonin pressor pathways and hypotensive action of methyldopa in the rat. Chalmers JP, et al. **Hypertension** 1984 Sep–Oct;6(5 Pt 2):II116–21

Effects of swimming exercise on circadian sleep–waking rhythms and brain serotonin metabolism in rats. Sudo A, et al. **Ind Health** 1984;22(3):153–61

Cloned mouse mast cells and normal mouse peritoneal mast cells. Determination of serotonin content and ability to synthesize serotonin in vitro. Weitzman G, et al. **Int Arch Allergy Appl Immunol** 1985;77(1–2):189–91

Pharmacologic studies of the central action of zopiclone: effects on locomotor activity and brain monoamines in rats. Liu HJ, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Mar; 23(3):121–8

Effects of pinealectomy on regional brain serotonin metabolism. Aldegunde M, et al. **Int J Neurosci** 1985 Apr; 26(1–2):9–13

The effect of a high–fat diet on brainstem and duodenal serotonin (5–HT) metabolism in Sprague–Dawley and Osborne–Mendel rats. Kimbrough TD, et al. **Int J Obes** 1984;8(4):305–10

The neurochemistry of mania. The effect of lithium on catecholamines, indoleamines and calcium mobilization. Wood K. **J Affective Disord** 1985 May–Jun;8(3):215–23

Lung serotonin uptake kinetics from indicator–dilution and constant–infusion methods. Malcorps CM, et al. **J Appl Physiol** 1984 Sep;57(3):720–30

Analysis of pre– and postsynaptic factors of the serotonin system in rabbit retina. Mitchell CK, et al. **J Cell Biol** 1985 Jan;100(1):64–73

Effect of oxygen and endotoxin on lactate dehydrogenase release, 5–hydroxytryptamine uptake, and antioxidant enzyme activities in endothelial cells. Block ER, et al. **J Cell Physiol** 1985 Feb;122(2):240–8

Platelet–induced neurogenic coronary contractions due to accumulation of the false neurotransmitter, 5–hydroxytryptamine. Cohen RA. **J Clin Invest** 1985 Jan; 75(1):286–92

Argentaffin and argyrophil reactions and serotonin content of endocrine tumours. Wells CA, et al. **J Clin Pathol** 1985 Jan;38(1):49–53

Fluoxetine: clinical pharmacology and physiologic disposition. Lemberger L, et al. **J Clin Psychiatry** 1985 Mar;46(3 Pt 2):14–9

The pharmacologic profile of fluoxetine. Stark P, et al. **J Clin Psychiatry** 1985 Mar;46(3 Pt 2):7–13

Depression and serotonin metabolism: rationale for neurotransmitter precursor treatment. Byerley WF, et al. **J Clin Psychopharmacol** 1985 Aug;5(4):191–206 (188 ref.)

Localization of serotonin immunoreactivity in the opossum cerebellum. Bishop GA, et al. **J Comp Neurol** 1985 May 15;235(3):301–21

The distribution and synaptic organization of serotoninergic elements in the inferior olivary complex of the opossum. King JS, et al. **J Comp Neurol** 1984 Aug 10;227(3):357–68

The serotonin and norepinephrine innervation of primary visual cortex in the cynomolgus monkey (Macaca fascicularis). Kosofsky BE, et al. **J Comp Neurol** 1984 Dec 1;230(2):168–78

Mapping and ultrastructure of serotonin–immunoreactive neurons in the optic lobes of three insect species. Nässel DR, et al. **J Comp Neurol** 1985 Feb 8;232(2):190–204

The distribution of substance P, enkephalin, and serotonin immunoreactivities in the area postrema of the rat and cat. Newton BW, et al. **J Comp Neurol** 1985 Apr 1; 234(1):87–104

Identifiable neurons in the locust central nervous system that react with antibodies to serotonin. Tyrer NM, et al. **J Comp Neurol** 1984 Aug 10;227(3):313–30

Possible target neurons of 5–hydroxytryptamine fibers in the lamprey spinal cord: immunohistochemistry combined with intracellular staining with Lucifer yellow. Van Dongen PA, et al. **J Comp Neurol** 1985 Apr 22;234(4):523–35

Serotoninlike immunoreactivity in the cestode Hymenolepis diminuta. Webb RA, et al. **J Comp Neurol** 1985 Apr 22; 234(4):431–40

Catecholamine– and indoleamine–containing neurons in the turtle retina. Witkovsky P, et al. **J Comp Neurol** 1984 Sep 10;228(2):217–25

Effects of 5–hydroxytryptamine uptake blockers on the concentration in brain of 5–hydroxytryptamine and 5–hydroxyindoleacetic acid in male rats, pro–oestrous rats and ovariectomized rats treated with oestrogen and progesterone. Horn AM, et al. **J Endocrinol** 1985 Mar; 104(3):407–13

The effects of citalopram (Lu 10–171) on the serotonin (5–HT) uptake kinetics in platelets from endogenously depressed patients. Beving H, et al. **J Neural Transm** 1985; 61(1–2):95–104

Spontaneously prolonged dioestrus and serotonin in various regions of the rat brain. Chomicka LK, et al. **J Neural Transm** 1985;63(1):31–8

Pituitary 5–hydroxytryptamine nerves––a possible link with pituitary hormone secretion. Holzbauer M, et al. **J Neural Transm** 1985;63(1):53–71

Measurement of 5–HIAA levels in ventricular CSF (by LCEC) and in striatum (by in vivo voltammetry) during pharmacological modifications of serotonin metabolism in the rat. Mignot E, et al. **J Neural Transm** 1985; 62(1–2):117–24

Regulation of serotonin release from the in vitro rat hippocampus: effects of alterations in levels of depolarization and in rates of serotonin metabolism. Auerbach S, et al. **J Neurochem** 1985 Apr;44(4):1116–30

Selective neurotoxic lesions of descending serotonergic and noradrenergic pathways in the rat. Berge OG, et al. **J Neurochem** 1985 Apr;44(4):1156–61

3,4–Dihydroxyphenylethylamine and 5–hydroxytryptamine metabolism in the rat: acidic metabolites in cisternal cerebrospinal fluid before and after giving probenecid. Curzon G, et al. **J Neurochem** 1985 Aug;45(2):508–13

Effect of the cerebral tryptaminergic system on the turnover of dopamine in the striatum of the rat. Fuenmayor LD, et al. **J Neurochem** 1985 Mar;44(3):670–4

Effects of 1–methyl–4–phenyl–1,2,5,6–tetrahydropyridine and related compounds on the uptake of [3H]3,4–dihydroxyphenylethylamine and [3H]5–hydroxytryptamine in neostriatal synaptosomal preparations. Heikkila RE, et al. **J Neurochem** 1985 Jan; 44(1):310–3

Neurochemical profile of Lu 19–005, a potent inhibitor of uptake of dopamine, noradrenaline, and serotonin. Hyttel J, et al. **J Neurochem** 1985 May;44(5):1615–22

Effect of age on human brain serotonin (S–1) binding sites. Marcusson J, et al. **J Neurochem** 1984 Dec;43(6):1699–705

5–Hydroxytryptamine uptake and imipramine binding sites in neurotumor NCB–20 cells. Nakaki T, et al. **J Neurochem** 1985 Sep;45(3):920–5

Association of serotonin, dopamine, or noradrenaline with an actin–like component in pheochromocytoma (PC12) cells. Small DH, et al. **J Neurochem** 1985 Sep;45(3):825–31

Binding of [3H]serotonin to skeletal muscle actin. Small DH, et al. **J Neurochem** 1985 Sep;45(3):819–24

Effects of African trypanosomiasis on brain levels of dopamine, serotonin, 5–hydroxyindoleacetic acid, and homovanillic acid in the rabbit. Stibbs HH. **J Neurochem** 1984 Nov;43(5):1253–6

Assessment of noradrenaline and 5–hydroxytryptamine uptake in intact rat brain. Wyllie MG, et al. **J Neurochem** 1985 Aug;45(2):456–60

Distribution of serotonin–immunoreactive cell bodies and processes in the abdominal ganglion of mature Aplysia. Kistler HB Jr, et al. **J Neurosci** 1985 Jan;5(1):72–80

Depletion of norepinephrine, but not serotonin, reduces long–term potentiation in the dentate gyrus of rat hippocampal slices. Stanton PK, et al. **J Neurosci** 1985 Aug; 5(8):2169–76

Serotonin uptake and release from rat cerebellum in vitro. Beas–Zarate C, et al. **J Neurosci Res** 1984;12(1):129–36

The putative 5–HT1 receptor agonist, RU 24969, inhibits the efflux of 5–hydroxytryptamine from rat frontal cortex slices by stimulation of the 5–HT autoreceptor. Middlemiss DN. **J Pharm Pharmacol** 1985 Jun;37(6):434–7

The accumulation of an aryloxylkylamidine (501C) and 5–hydroxytryptamine in human polymorphonuclear leucocytes: a quantitative electron microscopy study. Read NG, et al. **J Pharm Pharmacol** 1985 Feb;37(2):96–9

Effect of prostaglandin F2 alpha on brain and stomach 5–hydroxytryptamine. Sanyal AK, et al. **J Pharm Pharmacol** 1985 Apr;37(4):274–5

Displacement of striatal 5–hydroxytryptamine by dopamine released from endogenous stores. Waldmeier PC. **J Pharm Pharmacol** 1985 Jan;37(1):58–60

Effect of valproic acid on 5–hydroxytryptamine turnover in mouse brain. Whitton PS, et al. **J Pharm Pharmacol** 1985 Mar;37(3):199–200

Alteration of histamine, serotonin and primary prostaglandin in case of diarrhea induced by endotoxin and gastrointestinal absorption of drug. Sakurai E, et al. **J Pharmacobiodyn** 1985 Mar;8(3):186–92

Elevated brain tryptophan and enhanced 5–hydroxytryptamine turnover in acute hepatic heme deficiency: clinical implications. Litman DA, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):337–45

Blood platelet uptake of serotonin in men alcoholics. Kent TA, et al. **J Stud Alcohol** 1985 Jul;46(4):357–9

The effect of truncal vagotomy on serotonin distribution in the rat gastrointestinal tract. Gomes GM, et al. **J Surg Res** 1985 Jan;38(1):13–6

Effects of idebenone (CV–2619) on metabolism of monoamines, especially serotonin, in the brain of normal rats and rats with cerebral ischemia. Narumi S, et al. **Jpn J Pharmacol** 1985 Mar;37(3):235–44

Serotonin in the rat sympathetic ganglion: microdetermination of monoamines and their metabolites by high–performance liquid chromatographic electrochemical detection. Niwa M, et al. **Jpn J Pharmacol** 1984 Jul;35(3):237–45

Effect of neuroactive peptides on labeled 5–hydroxytryptamine release from rat spinal slices in vitro. Tsai HY, et al. **Jpn J Pharmacol** 1984 Aug;35(4):403–6

Changes in peripheral and central catecholaminergic and serotoninergic neurons of rats after acute and subacute administration of nicotine. Dominiak P, et al. **Klin Wochenschr** 1984;62 Suppl 2:76–80

Tryptophan–induced lowering of blood pressure and changes of serotonin uptake by platelets in patients with essential hypertension. Feltkamp H, et al. **Klin Wochenschr** 1984 Dec 3;62(23):1115–9

Day:night variations of melatonin, 5–hydroxyindole acetic acid, serotonin, serotonin N–acetyltransferase, tryptophan, norepinephrine and dopamine in the rabbit pineal gland. Brainard GC, et al. **Life Sci** 1984 Oct 8;35(15):1615–22

In vivo electrochemical studies of rat striatal dopamine and serotonin release after morphine. Broderick PA.

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Life Sci 1985 Jun 17;36(24):2269–75

Effects of estradiol on the basal and evoked efflux of norepinephrine and 5–hydroxytryptamine from slices of rat hypothalamus. Hyatt MC, et al. **Life Sci** 1984 Nov 26; 35(22):2269–74

Effects of acute and chronic administrations of phencyclidine on the levels of serotonin and 5–hydroxyindoleacetic acid in discrete brain areas of mouse. Nabeshima T, et al. **Life Sci** 1985 Mar 11;36(10):939–46

Serotonin uptake inhibitors differentially modulate high affinity imipramine dissociation in human platelet membranes. Wennogle LP, et al. **Life Sci** 1985 Apr 22; 36(16):1541–50

Photoinactivation of serotonin uptake by an arylazido derivative of 5–hydroxytryptamine. Ransom RW, et al. **Mol Pharmacol** 1985 Aug;28(2):185–90

8–Hydroxy–2–(di–n–propylamino) tetralin is devoid of activity at the 5–hydroxytryptamine autoreceptor in rat brain. Implications for the proposed link between the autoreceptor and the [3H] 5–HT recognition site. Middlemiss DN. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Aug;327(1):18–22

Evidence for an antagonistic action of tabernanthine on hypoxia–induced changes in brain serotonin levels. Mocaër–Cretet E, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Jul; 326(4):287–90

Efflux of 3H–5–hydroxytryptamine from rat hypothalamic slices by continuous electrical stimulation: frequency–dependent responses to serotonergic antagonists and 5–hydroxytryptamine. Richards MH. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jun; 329(4):359–66

Presynaptic serotonin receptors regulate the release of 3H–serotonin in hypothalamic slices of the rabbit. Verbeuren TJ, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Sep; 327(2):102–6

Impact of age–related changes in serotonin and norepinephrine metabolism on reproductive function in female rats: an analytical review. Walker RF. **Neurobiol Aging** 1984 Summer;5(2):121–55 (182 ref.)

The concentration of dopamine, 5–hydroxytryptamine, and some of their acid metabolites in the brain of genetically diabetic rats. Kwok RP, et al. **Neurochem Res** 1985 May; 10(5):611–6

Influence of chronic inorganic lead exposure on regional dopamine and 5–hydroxytryptamine turnover in rat brain. Lasley SM, et al. **Neurochem Res** 1984 Dec;9(12):1675–88

The uptake of serotonin and dopamine by homogenates of frozen rat and human brain tissue. Stenström A, et al. **Neurochem Res** 1985 May;10(5):591–9

Interactions between hippocampal serotonin and the pituitary–adrenal axis in the septal driving of hippocampal theta–rhythm. Azmitia EC, et al. **Neuroendocrinology** 1984 Nov;39(5):471–5

Adrenal steroid modulation of vasoactive intestinal peptide effect on serotonin1 binding sites in the rat brain shown by in vitro quantitative autoradiography. Rostène WH, et al. **Neuroendocrinology** 1985 Feb;40(2):129–34

Panuramine, a selective inhibitor of uptake of 5–hydroxytryptamine in the brain of the rat. Blurton PA, et al. **Neuropharmacology** 1984 Sep;23(9):1049–52

L–5–hydroxytryptophan. Correlation between anticonvulsant effect and increases in levels of 5–hydroxyindoles in plasma and brain. Löscher W, et al. **Neuropharmacology** 1984 Sep;23(9):1041–8

Aortic recognition sites for serotonin (5HT) are coupled to phospholipase C and modulate phosphatidylinositol turnover. Roth BL, et al. **Neuropharmacology** 1984 Oct; 23(10):1223–5

A comparative electrophysiological and biochemical assessment of serotonin (5–HT) and a novel 5–HT agonist (MK–212) on central serotonergic receptors. Yarbrough GG, et al. **Neuropharmacology** 1984 Nov;23(11):1271–7

Effect of the alkaloid (-)–cathinone on the release of radioactivity from rat striatal tissue prelabelled with 3H–serotonin. Kalix P. **Neuropsychobiology** 1984; 12(2–3):127–9

Morphological evidence that serotonin–immunoreactive neurons in the nucleus dorsomedialis hypothalami could be under catecholaminergic influence. Arezki F, et al. **Neurosci Lett** 1985 May 14;56(2):161–6

Segmental serotoninergic innervation of spinal cord arterial circulation. Di Carlo V. **Neurosci Lett** 1984 Aug 31; 49(3):225–31

Perivascular serotoninergic neurons: somatodendritic contacts and axonic innervation of blood vessels. Di Carlo V. **Neurosci Lett** 1984 Oct 26;51(3):295–302

Immunohistochemical and biochemical detection of serotonin in the guinea pig celiac–superior mesenteric plexus. Ma RC, et al. **Neurosci Lett** 1985 May 14;56(2):107–12

Ultrastructural demonstration of serotonin–immunoreactivity in the nervous system of an insect (Calliphora erythrocephala). Nässel DR, et al. **Neurosci Lett** 1984 Jul 27;48(2):203–10

Selective accumulation of hydroxytryptamines by frog tectal neurones. Bieger D, et al. **Neuroscience** 1984 Aug; 12(4):1167–77

Distribution of serotonergic neurons and processes in the lamprey spinal cord. Harris–Warrick RM, et al. **Neuroscience** 1985 Apr;14(4):1127–40

Demonstration of serotoninergic axons terminating on luteinizing hormone–releasing hormone neurons in the preoptic area of the rat using a combination of immunocytochemistry and high resolution autoradiography. Kiss J, et al. **Neuroscience** 1985 Jan; 14(1):69–78

The distribution of serotonin binding sites in the hippocampal region of the rat brain. An autoradiographic study. Köhler C. **Neuroscience** 1984 Nov;13(3):667–80

A serotonin–containing pathway from the area postrema to the parabrachial nucleus in the rat. Lança AJ, et al. **Neuroscience** 1985 Apr;14(4):1117–26

Serotonergic terminals in the neural sheath of the blowfly nervous system: electron microscopical immunocytochemistry and 5,7–dihydroxytryptamine labelling. Nässel DR, et al. **Neuroscience** 1985 May; 15(1):293–307

Distribution of serotonin in the brain stem and spinal cord of the lizard Varanus exanthematicus: an immunohistochemical study. Wolters JG, et al. **Neuroscience** 1985 Jan;14(1):169–93

Intracortical 5,7–dihydroxytryptamine depletes brain serotonin concentrations without affecting spontaneous activity. Black RS, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):327–31

Isolation and striatal (3H) serotonin uptake: role in the voluntary intake of ethanol by rats. Daoust M, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):205–8

The effects produced by prostaglandin D2 on serotonin turnover and release and tryptophan uptake. Hollingsworth EB, et al. **Pharmacol Biochem Behav** 1985 Mar;22(3):371–5

Serotonin turnover and supersensitivity after neonatal 5,7–dihydroxytryptamine. Mueller RA, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):221–5

Suppression of male copulatory behavior by delta 9–THC is not dependent on changes in plasma testosterone or hypothalamic dopamine or serotonin content. Shrenker P, et al. **Pharmacol Biochem Behav** 1985 Mar;22(3):415–20

The action of neurotransmitters and related substances on early embryogenesis. Buznikov GA. **Pharmacol Ther** 1984; 25(1):23–59 (249 ref.)

Decarboxylation of L–dopa and 5–hydroxytryptophan in dispersed rat pancreas acinar cells. Yu EW, et al. **Pharmacology** 1984;29(4):185–92

Transport systems and enzymes involved in the metamorphosis of tryptophan into serotonin. Baumann P. **Pharmacopsychiatry** 1985 Mar;18(2):188–92

Receptor–mediated regulation of 5–hydroxytryptamine metabolism: current knowledge and open questions. Kehr W. **Pharmacopsychiatry** 1985 Mar;18(2):193–7

Lithium long–term treatment––does it act via serotonin? Müller–Oerlinghausen B. **Pharmacopsychiatry** 1985 Mar; 18(2):214–7

The importance of brain serotonergic receptor mechanisms for the action of antidepressant drugs. Ogren SO, et al. **Pharmacopsychiatry** 1985 Mar;18(2):209–13

Does 5HT play a neurotransmitter role in mammalian retina? Studies on uptake and potassium–stimulated release of 14C–5HT and 14C–GABA from bovine and rabbit retina slices. Nowak JZ, et al. **Pol J Pharmacol Pharm** 1985 Jan–Feb;37(1):57–68

Demonstration of inter– and intraspecies differences in serotonin binding sites by antibodies from an autistic child. Todd RD, et al. **Proc Natl Acad Sci USA** 1985 Jan; 82(2):612–6

Serotonin levels and turnover in different brain areas of isolated aggressive or non–aggressive strains of mice. Kempf E, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(3):365–71

Displacement of serotonin from binding sites in rat cortex: the effects of biogenic 'trace' amines. Locock RA, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4–6):701–4

Ro 11–2465 (cyan–imipramine), citalopram and their N–desmethyl metabolites: effects on the uptake of 5–hydroxytryptamine and noradrenaline in vivo and related pharmacological activities. Pawlowski L, et al. **Psychopharmacology (Berlin)** 1985;86(1–2):156–63

Up–regulation of thyrotropin–releasing hormone (TRH) receptors in rat spinal cord after codepletion of serotonin and TRH. Ogawa N, et al. **Regul Pept** 1985 Mar; 10(2–3):85–90

High–affinity uptake of serotonin into immunocytochemically identified astrocytes. Kimelberg HK, et al. **Science** 1985 May 17;228(4701):889–91

Facilitated sexual behavior reversed and serotonin restored by raphe nuclei transplanted into denervated hypothalamus. Luine VN, et al. **Science** 1984 Dec 21;226(4681):1436–9

Secretory diarrhea with islet cell hyperplasia and increased immunohistochemical reactivity to serotonin. Nishiyama RH, et al. **Surgery** 1984 Dec;96(6):1038–44

Effects of different anticoagulants on human platelet size distribution and serotonin (5–HT) induced shape change and uptake kinetics. Malmgren R, et al. **Thromb Res** 1985 Jun 15;38(6):649–61

Hyperoxia and paraquat alter the kinetics of platelet serotonin uptake. Mais DE, et al. **Toxicol Appl Pharmacol** 1984 Oct; 76(1):1–8

The effects of a single dose and prolonged benzene administration on 5–hydroxytryptamine and 5–hydroxyindolacetic acid content in rat brain. Paradowski M, et al. **Xenobiotica** 1984 Oct;14(10):781–4

[Preliminary observations on the distribution of serotoninergic and cerebellar–projecting neurons of the raphe nuclei of the brain stem] De Leo F, et al. **Boll Soc Ital Biol Sper** 1985 Feb 28;61(2):229–33 (Eng. Abstr.) **(Ita)**

[Serotonin concentration in the rat fetal brain in experimental intrauterine dystrophy] Chrzanowska B, et al. **Probl Med Wieku Rozwoj** 1984;13:193–7 (Eng. Abstr.) **(Pol)**

[Conjugated dinitrocompound dianions as inhibitors of the oxidative deamination of monoamines] Gureeva ZP, et al. **Biokhimiia** 1984 Nov;49(11):1840–6 (Eng. Abstr.) **(Rus)**

[Structure of the binuing center of the serotonin S2 receptor] Kats MM. **Biol Nauki** 1985;(3):19–24 (Eng. Abstr.) **(Rus)**

[Seasonal rhythms of the indolamine content in the epiphysis of rats] Bondarenko LA. **Biull Eksp Biol Med** 1985 Aug; 100(8):137–9 (Eng. Abstr.) **(Rus)**

[Characteristics of serotonin binding by the cells of immunocompetent tissues and synaptosomes] Eliseeva LS, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):210–3 (Eng. Abstr.) **(Rus)**

[Effect of substance P on the monoamine–containing cells of the taste buds] Solov'eva NA, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):389–90 (Eng. Abstr.) **(Rus)**

[pH changes in the matrix of serotonin organelles of stimulated thrombocytes] Kozlov VK, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1985;8(1):77–82 (Eng. Abstr.) **(Rus)**

[Effect of short–term hyperthermia on the catecholamine content of the organs of albino rats] Mezidova KhA, et al. **Fiziol Zh SSSR** 1984 Jun;70(6):795–801 (Eng. Abstr.) **(Rus)**

[Serotonin binding by various populations of peritoneal cells and blood leukocytes from intact and thymectomized mice] Eliseeva LS, et al. **Tsitologiia** 1984 Oct;26(10):1174–80 (Eng. Abstr.) **(Rus)**

[Changes in serotonin metabolism in patients with duodenal ulcer during treatment under conditions of high altitude hypoxia] Asatrian AB, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov–Dec; (6):20–2 (Eng. Abstr.) **(Rus)**

[Serotonin metabolism in severe depression. Clinical and biochemical changes and the contribution of precursors] Pérez de los Cobos Peris JC. **Actas Luso Esp Neurol Psiquiatr** 1984 Jul–Aug;12(4):247–57 (Eng. Abstr.) **(Spa)**

PHARMACODYNAMICS

Sexual differences in the effect of serotonin on LH secretion in rats. Moguilevsky JA, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):320–5

Embryonic survival in mice treated with AET, MEA or 5–HT on the first day of pregnancy. Mazur L. **Acta Physiol Hung** 1985;65(3):227–31

Quantity of DNA in the organs of 19–day–old foetuses after AET, MEA, or 5–HT treatment of mice on the first day of gestation. Mazur L. **Acta Physiol Hung** 1985;66(1):65–8

Patency of saphenous veins used for aortocoronary bypass grafting: effects of platelet–derived mediators. Chiavarelli M, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:311–4

Effect of 5–HT on basal and stimulated secretions of acid and pepsin and on gastric volume outflow in the in vivo gastrically and intestinally perfused cod, Gadus morhua. Holstein B, et al. **Agents Actions** 1984 Oct;15(3–4):291–305

Serotonin, histamine, and norepinephrine mediation of endothelial and vascular smooth muscle cell movement. Bottaro D, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C252–7

Prejunctional adrenergic inhibition by aggregating platelets in canine blood vessels. Lorenz RR, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):H685–9

Secretory effects of intravenous serotonin on the proximal jejunum of the awake dog. McFadden D, et al. **Am J Surg** 1985 Jan;149(1):60–4

Regulation of gastric acid secretion by secretin and serotonin. Mate L, et al. **Am J Surg** 1985 Jan;149(1):40–5

Effect of gastrin, histamine, serotonin, and adrenergic amines on gastroesophageal sphincter pressure in the dog. Strombeck DR, et al. **Am J Vet Res** 1985 Aug; 46(8):1684–90

Effect of serotonin on albumin and low density lipoprotein uptake in perfused rabbit femoral arteries. Santillan GG, et al. **Angiology** 1984 Nov;35(11):694–700

Effect of amines on fibrinogen synthesis. Roy AK, et al. **Arch Biochem Biophys** 1985 Jun;239(2):364–7

Interactions of 5–hydroxytryptamine and tricyclic antidepressants in the rat stomach strip and the guinea–pig ileum. Akah PA, et al. **Arch Int Pharmacodyn Ther** 1985 Apr;274(2):201–9

Influence of chronic stellectomy on reactivity to serotonin in the dog external carotid bed. Mena MA, et al. **Arch Int Pharmacodyn Ther** 1985 Jan;273(1):110–6

Serotonin–induced contraction of canine saphenous vein: mediation by 5–HT1 receptors. Tuncer M, et al. **Arch Int Pharmacodyn Ther** 1985 Apr;274(2):305–12

Serotonin–induced blood flow changes in the rat hindlegs after unilateral ligation of the femoral artery. Inhibition by the S2 receptor antagonist ketanserin. Verheyen A, et al. **Arch Int Pharmacodyn Ther** 1984 Aug;270(2):280–98

Aggressive behavior inhibition by serotonin and quipazine injected into the amygdala in the rat. Puciłowski O, et al. **Behav Neural Biol** 1985 Jan;43(1):58–68

Role of endothelium in vascular responses to norepinephrine, serotonin and acetylcholine. Angus JA, et al. **Bibl Cardiol** 1984;(38):43–52

Forskolin activation of serotonin–stimulated adenylate cyclase in the liver fluke Fasciola hepatica. McNall SJ, et al. **Biochem Pharmacol** 1985 May 15;34(10):1683–8

Cellular mode of serotonin action on Cl– transport in the rabbit corneal epithelium. Marshall WS, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):139–43

Enhancement by serotonin of intra–tumour penetration of spleen cells. Lespinats G, et al. **Br J Cancer** 1984 Oct; 50(4):545–7

Response and sensitivity of guinea–pig airway muscle preparations to 5–hydroxytryptamine during ontogenesis. Bayol A, et al. **Br J Pharmacol** 1985 Jul;85(3):569–74

5–hydroxytryptamine releases adenosine 5'–triphosphate from nerve varicosities isolated from the myenteric plexus of guinea–pig ileum. Al–Humayyd M, et al. **Br J Pharmacol** 1985 Jan;84(1):27–34

Effects of the antagonists MDL 72222 and ketanserin on responses of cat carotid body chemoreceptors to 5–hydroxytryptamine. Kirby GC, et al. **Br J Pharmacol** 1984 Sep;83(1):259–69

Characterization of the receptor mediating contraction of human umbilical artery by 5–hydroxytryptamine. McGrath JC, et al. **Br J Pharmacol** 1985 Jan;84(1):199–202

Effects of methysergide and 5–hydroxytryptamine on carotid blood flow distribution in pigs: further evidence for the presence of atypical 5–HT receptors. Saxena PR, et al. **Br J Pharmacol** 1984 Aug;82(4):817–26

5–Hydroxytryptamine–activated single–channel currents recorded from murine neuroblastoma cells. Guharay F, et al. **Brain Res** 1985 Aug 12;340(2):325–32

Serotonin depolarizes type A and C primary afferents: an intracellular study in bullfrog dorsal root ganglion. Holziv GG, et al. **Brain Res** 1985 Feb 18;327(1–2):71–9

Monoaminergic modulation of the sensitivity of neurones in the cingulate cortex to iontophoretically applied substance P. Jones RS, et al. **Brain Res** 1984 Oct 8;311(2):297–305

Antinociceptive effects of intrathecal opioids, noradrenaline and serotonin in rats: mechanical and thermal algesic tests. Kuraishi Y, et al. **Brain Res** 1985 Feb 4;326(1):168–71

Enhanced sensitivity of cerebellar Purkinje cells to iontophoretically–applied serotonin in thiamine deficiency. Lee RS, et al. **Brain Res** 1985 Feb 18;327(1–2):249–58

Effects of enkephalin and 5–hydroxytryptamine on solitary tract neurones involved in respiration and respiratory reflexes. Sessle BJ, et al. **Brain Res** 1985 Feb 18; 327(1–2):221–30

Intracellular Ca2+ elevation induced by a neurotransmitter in a glial cell clone. Sugino H, et al. **Brain Res** 1984 Nov 19;322(1):127–30

Denervation supersensitivity to 5–hydroxytryptamine in the rat spinal cord is not due to the absence of 5–hydroxytryptamine. Tremblay LE, et al. **Brain Res** 1985 Mar 18;330(1):174–7

A comparison of the effects of serotonin, substance P and thyrotropin–releasing hormone on excitability of rat spinal motoneurons in vivo. White SR. **Brain Res** 1985 May 27; 335(1):63–70

Effect of 5–hydroxytryptamine on tissue blood flow and microwave heating of rat tumors. Shrivastav S, et al. **Cancer Res** 1985 Jul;45(7):3203–8

Removal of the endothelium potentiates canine large coronary artery constrictor responses to 5–hydroxytryptamine in vivo. Lamping KG, et al. **Circ Res** 1985 Jul;57(1):46–54

Serotonin (5HT) and its antagonists: involvement in the cardiovascular system. Marwood JF, et al. **Clin Exp Pharmacol Physiol** 1984 Sep–Oct;11(5):439–55 (94 ref.)

Serotonin enhances sympathetic vasoconstrictor responses in rat isolated perfused tail artery by activation of postjunctional serotonin–2 receptors. Medgett IC, et al. **Clin Exp Pharmacol Physiol** 1984 Jul–Aug;11(4):343–6

Serotonin induced platelet aggregation in systemic sclerosis. Friedhoff LT, et al. **Clin Exp Rheumatol** 1984 Apr–Jun; 2(2):119–23

A molecular theory of recognition and activation at a 5–HT receptor based on a quantum chemical approach to structure activity relationships. Osman R, et al. **Clin Physiol Biochem** 1985;3(2–3):80–8

The modulatory action of 5–hydroxytryptamine on sodium efflux: the barnacle muscle fibre as a model system. Bittar EE, et al. **Comp Biochem Physiol [C]** 1985;80(2):421–9

Effects of 5–HT serotonin on spontaneous locomotor activity of eels. Genot G, et al. **Comp Biochem Physiol [C]** 1984; 79(1):189–92

5–Hydroxytryptamine stimulates fluid secretion in locust malpighian tubules independently of cAMP. Morgan PJ, et al. **Comp Biochem Physiol [C]** 1984;79(2):305–10

Potentiation of the 5–hydroxytryptamine–induced increases in myocardial contractility in Mercenaria mercenaria ventricle by forskolin. Paciotti GF, et al. **Comp Biochem Physiol [C]** 1985;80(2):325–9

Serotonin and forskolin enhance both magnitude of contraction and relaxation rate of Aplysia dorsal extrinsic muscle independently of acetylcholine receptor. Ram JL, et al. **Comp Biochem Physiol [C]** 1984;79(2):455–9

Trials of serotonin, substance P and alpha 2–adrenergic receptor effects on the equine large colon. Sellers AF, et al. **Cornell Vet** 1985 Apr;75(2):319–23

Effect of microelectrophoretically applied acetylcholine, noradrenaline, dopamine and serotonin on the discharge of paraventricular oxytocinergic neurones in the rat. Honda K, et al. **Endocrinol Jpn** 1985 Feb;32(1):127–33

Effects of 5–hydroxytryptamine on rubidium ion fluxes and insulin release in cultured pancreatic islets. Lindström P, et al. **Endocrinology** 1984 Nov;115(5):2121–5

Pharmacological analysis of 5–hydroxytryptamine actions on guinea–pig ileal mucosa. Cooke HJ, et al. **Eur J Pharmacol** 1985 May 20;111(3):329–37

Responses of isolated canine intermediate auricular arteries to 5–hydroxytryptamine and methysergide. Ito T, et al. **Eur J Pharmacol** 1984 Sep 3;104(1–2):105–9

Antagonism by ketanserin of 5–HT–induced vasoconstriction unmasks a 5–HT–induced vasodilation. McLennan PL, et al. **Eur J Pharmacol** 1984 Sep 17;104(3–4):313–8

The role of serotonin in mucociliary transport system in the ciliated epithelium of frog palatine mucosa. Maruyama I, et al. **Eur J Pharmacol** 1984 Nov 27;106(3):499–506

Interactions between serotonin and cisapride on myenteric neurons. Nemeth PR, et al. **Eur J Pharmacol** 1985 Jan 15; 108(1):77–83

Inhibition by antiserum to vasoactive intestinal polypeptide (VIP) of prolactin secretion induced by serotonin in the rat. Ohta H, et al. **Eur J Pharmacol** 1985 Mar 12; 109(3):409–12

Evidence that 5–hydroxytryptamine does not mediate GABA–induced contractile responses in the guinea–pig proximal ileum. Ong J, et al. **Eur J Pharmacol** 1984 Nov 27;106(3):665–8

Excitatory and inhibitory effects of 5–hydroxytryptamine in mesenteric arteries of spontaneously hypertensive rats. Su C, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):283–90

Redistribution of carotid artery blood flow by 5–HT: effects of the 5–HT2 receptor antagonists ketanserin and Wal 1307. Verdouw PD, et al. **Eur J Pharmacol** 1984 Jul 20; 102(3–4):499–509

Ca++ dependent bistability induced by serotonin in spinal motoneurons. Hounsgaard J, et al. **Exp Brain Res** 1985; 57(2):422–5

Schistosoma mansoni: differences in acetylcholine, dopamine, and serotonin control of circular and longitudinal parasite muscles. Pax RA, et al. **Exp Parasitol** 1984 Dec; 58(3):314–24

Schistosoma mansoni: effects of in vitro serotonin (5–HT) on aerobic and anaerobic carbohydrate metabolism. Rahman MS, et al. **Exp Parasitol** 1985 Aug;60(1):10–7

Protective effects of AET, MEA, and 5–HT in X–irradiated pregnant porton mice. Mazur L. **Folia Biol (Krakow)** 1984; 32(1–2):81–7

Effects of X–irradiation and serotonin treatment of porton mice on the first day of pregnancy. Mazur L. **Folia Biol (Krakow)** 1984;32(3):237–42

Vascular responses to serotonin in steroid hypertensive rats. Mecca TE, et al. **Hypertension** 1984 Nov–Dec;6(6 Pt 1):887–92

Influence of serotonin on the immune response. Jackson JC, et al. **Immunology** 1985 Mar;54(3):505–12

Tissue sensitivity to acetylcholine, adrenaline, noradrenaline and serotonin and agents acting on sulphydryl groups. Tongia SK, et al. **Indian J Physiol Pharmacol** 1984 Apr–Jun;28(2):141–4

5–Hydroxytryptamine stimulates inositol phosphate production in a cell–free system from blowfly salivary glands. Evidence for a role of GTP in coupling receptor activation to phosphoinositide breakdown. Litosch I, et al. **J Biol Chem** 1985 May 10;260(9):5464–71

Serotonergic mechanisms in the cardiovascular system. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S1–182

Platelet hypersensitivity to serotonin after prolonged ketanserin intake? Arnout J, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S20–2

Differential large and small vessel responses to serotonin in the dog hindlimb in vivo: role of the 5HT2 receptor. Blackshear JL, et al. **J Cardiovasc Pharmacol** 1985 Jan–Feb; 7(1):42–9

Effect of ketanserin on the hyperreactivity of platelets to 5–hydroxytryptamine in patients with cardiovascular diseases. De Cree J, et al. **J Cardiovasc Pharmacol** 1985; 7 Suppl 7:S26–8

Large and small vessel responses to serotonin in the peripheral circulation. Hollenberg NK. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S89–91

Two classes of myocardial 5–hydroxytryptamine receptors that are neither 5–HT1 nor 5–HT2. Kaumann AJ. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S76–8

Serotonin–induced vasoconstriction in the perfused canine femoral artery can be blocked in vivo by ketanserin. Meschig R, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S56–9

In vitro studies on responses to noradrenaline, serotonin, and potassium of intramyocardial and mesenteric resistance vessels from Wistar rats. Nyborg NC, et al. **J Cardiovasc Pharmacol** 1985 May–Jun;7(3):417–23

Influence of ketanserin on 5–hydroxytryptamine–induced cerebrovascular spasm in the cat. Vällfors B, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S60–3

Serotonin and the flow properties of blood. Walker RT, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S35–7

Vasoactive amines modulate actin cables (stress fibers) and surface area in cultured bovine endothelium. Welles SL, et al. **J Cell Physiol** 1985 Jun;123(3):337–42

Serotonin depression of local cerebral glucose utilisation after monoamine oxidase inhibition. Grome JJ, et al. **J Cereb Blood Flow Metab** 1985 Sep;5(3):473–5

Spectrum of altered reactivity of isolated cerebral arteries following subarachnoid haemorrhage—response to potassium, pH, noradrenaline, 5–hydroxytryptamine, and sodium loading. Pickard JD, et al. **J Cereb Blood Flow Metab** 1984 Dec;4(4):599–609

Effect of serotonin on the motility of smooth muscles in teats of lactating cows. Vandeputte–Van Messon G, et al. **J Dairy Res** 1985 Aug;52(3):347–53

On the nature of the contractile motor responses of the rat stomach elicited by serotonin or substance P in vitro. Lidberg P, et al. **J Neural Transm** 1985;63(1):73–89

The sensitivity of hippocampal pyramidal neurons to serotonin in vitro: effect of prolonged treatment with clorgyline or clomipramine. Olpe HR, et al. **J Neural Transm** 1984;60(3–4):265–71

Sensitivity of Aplysia neurons in primary culture to putative neurotransmitters. Bodmer R, et al. **J Neurobiol** 1984 Nov; 15(6):429–40

Influence on 5–[3H]hydroxytryptamine binding site development in chick embryo by serotonergic compounds. Soblosky JS, et al. **J Neurochem** 1985 Feb;44(2):544–51

Analysis of decreased conductance serotonergic response in Aplysia ink motor neurons. Walsh JP, et al. **J Neurophysiol** 1985 Feb;53(2):590–602

Serotonin and distribution of radiocarbon from D–[14C–U]–glucose in Schistosoma mansoni. Rahman MS, et al. **J Parasitol** 1985 Aug;71(4):403–8

Hymenolepis diminuta: behavioral effects of 5–hydroxytryptamine, acetylcholine, histamine and somatostatin. Sukhdeo MV, et al. **J Parasitol** 1984 Oct; 70(5):682–8

5–Hydroxytryptamine can antagonize the ability of metoclopramide and SCH 23390 to enhance electrical field stimulation–evoked contractions of guinea–pig isolated stomach muscle. Gunning SJ, et al. **J Pharm Pharmacol** 1985 Jan;37(1):78–80

Role of 5–HT2 receptors in serotonin–induced contractions of nonvascular smooth muscle. Cohen ML, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):770–4

Serotonin–stimulated phosphoinositide turnover: mediation by the S2 binding site in rat cerebral cortex but not in subcortical regions. Conn PJ, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):195–203

Endothelial cells and the electrical and mechanical responses of the rabbit coronary artery to 5–hydroxytryptamine. Garland CJ. **J Pharmacol Exp Ther** 1985 Apr;233(1):158–62

5–Hydroxytryptamine–stimulated inositol phospholipid hydrolysis in rat cerebral cortex slices: pharmacological characterization and effects of antidepressants. Kendall DA, et al. **J Pharmacol Exp Ther** 1985 May;233(2):473–9

Mechanism by which serotonin attenuates contractile response of canine mesenteric arterial smooth muscle. Moreland RS, et al. **J Pharmacol Exp Ther** 1985 Feb; 232(2):322–9

Acetylcholine– and 5–hydroxytryptamine–stimulated contraction and calcium uptake in bovine coronary arteries: evidence for two populations of receptor–operated calcium channels. Ratz PH, et al. **J Pharmacol Exp Ther** 1985 Sep; 234(3):641–7

Dissociation of head twitches and tremors during the study of interactions with 5–hydroxytryptophan in mice. Martin P, et al. **J Pharmacol Methods** 1985 Jun;13(3):193–200

A calcium–dependent reversible permeability increase in microvessels in frog brain, induced by serotonin. Olesen SP. **J Physiol (Lond)** 1985 Apr;361:103–13

Interaction of 5–hydroxytryptamine and ketanserin in rat vas deferens subjected to low frequency field stimulation. Karasawa A, et al. **Jpn J Pharmacol** 1985 Mar;37(3):285–91

Serotonin produces a reversible concentration dependent decrease of population spikes in rat hippocampal slices. Beck SG, et al. **Life Sci** 1985 Feb 11;36(6):557–63

The effect of epinephrine and serotonin on hepatic poly(A)+ RNA synthesis. Roy AK, et al. **Life Sci** 1985 Jun 17; 36(24):2301–7

Cyclic AMP–dependent protein kinase closes the serotonin–sensitive K+ channels of Aplysia sensory neurones in cell–free membrane patches. Shuster MJ, et al. **Nature** 1985 Jan 31–Feb 6;313(6001):392–5

The depolarizing action of 5–hydroxytryptamine on rabbit vagal primary afferent and sympathetic neurones and its selective blockade by MDL 72222. Azami J, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Feb; 328(4):423–9

Study of the contractile effect of 5–hydroxytryptamine (5–HT) in the isolated longitudinal muscle strip from guinea–pig ileum. Evidence for two distinct release mechanisms. Buchheit KH, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Mar; 329(1):36–41

Ketanserin causes surmountable antagonism of 5–hydroxytryptamine–induced contractions of large coronary arteries of dog. Frenken M, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan; 328(3):301–3

Cardiovascular and sympathetic responses to intracarotid and intravenous injections of serotonin in rats. Takahashi H. **Naunyn Schmiedebergs Arch Pharmacol** 1985 May; 329(3):222-6

Serotonin and antidepressant drugs antagonize melatonin-induced behavioural changes after injection into the nucleus accumbens of rats. Gaffori O, et al. **Neuropharmacology** 1985 Mar;24(3):237-44

Effects of ketanserin on neuronal responses to serotonin in the prefrontal cortex, lateral geniculate and dorsal raphe nucleus. Lakoski JM, et al. **Neuropharmacology** 1985 Apr; 24(4):265-73

Synergistic behavioral effects of serotonin and tryptamine injected intrathecally in mice. Larson AA, et al. **Neuropharmacology** 1984 Dec;23(12A):1415-8

The effect of prolonged treatment with tricyclic antidepressants on the actions of 5-hydroxytryptamine in the hippocampal slice of the rat. Rowan MJ, et al. **Neuropharmacology** 1985 Feb;24(2):131-7

Stereospecific effects of acetylcarnitine on the spontaneous activity of brainstem neurones and their responses to acetylcholine and serotonin. Tempesta E, et al. **Neuropharmacology** 1985 Jan;24(1):43-50

Giant inhibitory miniature currents in crayfish muscle in the presence and absence of extracellular sodium and serotonin. Finger W, et al. **Neurosci Lett** 1984 Sep 28;51(1):127-32

Capsaicin impairs preoptic serotonin-sensitive structures mediating hypothermia in rats. Hajós M, et al. **Neurosci Lett** 1985 Feb 28;54(1):97-102

Blockade of intrathecal 5-hydroxytryptamine-induced antinociception in rats by noradrenaline depletion. Minor BG, et al. **Neurosci Lett** 1985 Feb 28;54(1):39-44

Membrane responses and changes in cAMP levels in Aplysia sensory neurons produced by serotonin, tryptamine, FMRFamide and small cardioactive peptideB (SCPB). Ocorr KA, et al. **Neurosci Lett** 1985 Apr 9;55(2):113-8

Antagonism of 5-hydroxytryptamine-evoked excitation in the superficial dorsal horn of the cat spinal cord by methysergide. Todd AJ, et al. **Neurosci Lett** 1984 Jul 27; 48(2):167-70

Studies into the dual effects of serotonergic pharmacological agents on female sexual behaviour in the rat: preliminary evidence that endogenous 5HT is stimulatory. Hunter AJ, et al. **Pharmacol Biochem Behav** 1985 Jan;22(1):5-13

Experimental diabetes: reduction of serotonin-induced vasoconstriction by meclofenamic acid in vitro. Hagen AA, et al. **Pharmacology** 1985;30(4):197-204

The 5-HT syndrome and the drug discrimination paradigm in rats: application in behavioral studies on the central 5-HT system. Ortmann R. **Pharmacopsychiatry** 1985 Mar; 18(2):198-20;

Some behavioral effects of microinjections of noradrenaline and serotonin into the amygdaloid body of the rat brain. Płaznik A, et al. **Physiol Behav** 1985 Apr;34(4):481-7

Some behavioral effects of microinjections of serotonin and noradrenaline into the limbic structures of the rat brain. Płaźnik A. **Pol J Pharmacol Pharm** 1984 Sep-Oct; 36(5):541-54

Two endogenous neuropeptides modulate the gill and siphon withdrawal reflex in Aplysia by presynaptic facilitation involving cAMP-dependent closure of a serotonin-sensitive potassium channel. Abrams TW, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7956-60

Serotonin increases intracellular Ca2+ transients in voltage-clamped sensory neurons of Aplysia californica. Boyle MB, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(23):7642-6

A transient inward current elicited by hyperpolarization during serotonin activation in Xenopus oocytes. Parker I, et al. **Proc R Soc Lond [Biol]** 1985 Jan 22;223(1232):279-92

Action of serotonin on the gastrointestinal tract. Ormsbee HS 3d, et al. **Proc Soc Exp Biol Med** 1985 Mar;178(3):333-8 (49 ref.)

Anti-aversive role of serotonin in the dorsal periaqueductal grey matter. Schütz MT, et al. **Psychopharmacology (Berlin)** 1985;85(3):340-5

Serotoninergic control of somatostatin and gastrin release from the isolated rat stomach. Koop H, et al. **Regul Pept** 1984 Sep;9(1-2):101-8

Serotonin selectively inhibits growth cone motility and synaptogenesis of specific identified neurons. Haydon PG, et al. **Science** 1984 Nov 2;226(4674):561-4

Effects of AET, MEA, or 5-HT treatment before X-irradiation of pregnant C57BL mice. Mazur L. **Strahlentherapie** 1985 Jul;161(7):433-6

5-hydroxytryptamine: source of activator calcium in human basilar arteries. Rusch NJ, et al. **Stroke** 1985 Jul-Aug; 16(4):718-20

Inhibition by ketanserin of serotonin induced cerebral arteriolar constriction. Thompson JA, et al. **Stroke** 1984 Nov-Dec;15(6):1021-4

Potentiation of acetazolamide induced ectrodactyly in Wistar rats by vasoactive agents and physical clamping of the uterus. Ugen KE, et al. **Teratology** 1985 Apr;31(2):273-8

Serotonin-induced platelet aggregation in whole blood and the effects of ketanserin and mepyramine. Bevan J, et al. **Thromb Res** 1985 Apr 15;38(2):189-94

Platelet-mediated vascular permeability in the rat: a predominant role for 5-hydroxytryptamine. De Clerck F, et al. **Thromb Res** 1985 May 15;38(4):321-39

Vasoactive agonists prevent erythrocyte extravasation in thrombocytopenic hamsters. Shepro D, et al. **Thromb Res** 1984 Aug 15;35(4):421-30

[Reciprocal potentiation of the bronchoconstrictor activity of histamine and 5-hydroxytryptamine in the guinea pig] Marcelle R. **Arch Int Physiol Biochim** 1984 Oct; 92(3):195-201 (Eng. Abstr.) **(Fre)**

[Central serotonin receptors] Fillion G. **Pathol Biol (Paris)** 1985 Apr;33(4):221-6 (56 ref.) **(Fre)**

[Insomnia caused by administration of para-chlorophenylalanine: reversibility by peripheral or central injection of 5-hydroxytryptophan and serotonin] Petitjean F, et al. **Sleep** 1985;8(1):56-67 (Eng. Abstr.) **(Fre)**

[Indoline and serotonergic effects in isolated organ preparations] Fischer W, et al. **Pharmazie** 1984 Oct; 39(10):713 **(Ger)**

[Effects of serotonin, phenoxybenzamine, sodium nitroprusside and nitroglycerin on pulmonary capillary blood flow in dogs] Masuda J. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug; 22(8):650-8 (Eng. Abstr.) **(Jpn)**

[The effects of the intracerebroventricular administration of 5-hydroxytryptamine on hemodynamics in conscious rats. Participation of the serotonin receptor and the sympathetic nervous system] Kobayashi F, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Nov 20; 60(11):1338-45 (Eng. Abstr.) **(Jpn)**

[Serotonergic effect on cerebrospinal fluid production] Nakamura S, et al. **No To Shinkei** 1985 Mar;37(3):237-42 (Eng. Abstr.) **(Jpn)**

[Combined action of lithium salts and serotonin on the caudate nucleus] Zamoshchina TA, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):191-3 (Eng. Abstr.) **(Rus)**

[Effect of serotonin, adrenaline and histamine on the mucosal metabolism of the small intestine in white rats] Semik LI, et al. **Fiziol Zh** 1985 Jan-Feb;31(1):53-9 (Eng. Abstr.) **(Rus)**

[Role of adrenergic mechanisms in manifesting the contractile effects of the smooth musculature of the ileum induced by serotonin] Berezina TP, et al. **Fiziol Zh SSSR** 1985 Jun; 71(6):769-76 (Eng. Abstr.) **(Rus)**

[Effect of serotonin on the electrical activity of the PPa2 neuron in the edible snail] Gasanov GG, et al. **Fiziol Zh SSSR** 1984 Dec;70(12):1678-82 (Eng. Abstr.) **(Rus)**

[Reaction of neurons in the arcuate hypothalamic area to the microiontophoretic application of serotonin at different stages of the estrous cycle in rats] Ignatkov VIa, et al. **Fiziol Zh SSSR** 1983 Jul;69(7):881-6 (Eng. Abstr.) **(Rus)**

[Induction of slow membrane potential oscillations and burst activity in neuron PPa1 of Helix pomatia by a calcium ionophore and serotonin] D'iakonova TL, et al. **Neirofiziologiia** 1985;17(1):108-11 (Eng. Abstr.) **(Rus)**

[Cyclic nucleotide levels in the regenerating liver of rats following irradiation and protection by serotonin] Aslamova LI, et al. **Radiobiologiia** 1985 May-Jun; 25(3):324-7 (Eng. Abstr.) **(Rus)**

[Chemoreactive properties of medial thalamic neurons of the rat in the following states: urethane anesthesia, wakefulness and immobilization stress] Kiiatkin EA. **Zh Vyssh Nerv Deiat** 1985 Jan-Feb;35(1):146-54 (Eng. Abstr.) **(Rus)**

[Effect of serotonin on cholinergic septo-hippocampal reactions in the rabbit] Kozhedub RG. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):537-43 (Eng. Abstr.) **(Rus)**

[Functional differentiation of the theta-rhythm of the hippocampus in the cat] Melikov EM. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):457-64 (Eng. Abstr.) **(Rus)**

[Lipolytic effect of serotonin in vitro] Martínez-Conde A, et al. **Rev Esp Fisiol** 1984 Jun;40(2):213-9 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

The participation of serotoninergic system in the regulation of emotional-defensive behavior evoked by intrahypothalamic carbachol injections in the cat. Gołebiewski H, et al. **Acta Neurobiol Exp (Warsz)** 1985; 45(1-2):25-36

Effects of acute administration of 5-methoxy-N,N-dimethyltryptamine upon the latency and duration of post-decapitation convulsions. Archer T, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Sep;55(3):224-30

p,p'-DDT-induced myoclonus in mice: the effect of enhanced 5-HT neurotransmission. Magnussen I. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb;56(2):87-90

Participation of serotoninergic, GABA-ergic and opiate mechanisms in the genesis of amphetamine stereotypy. Petkov V, et al. **Acta Physiol Pharmacol Bulg** 1984; 10(2):3-12

Test-dependent antinociceptive effect of spinal serotonin release induced by intrathecal p-chloroamphetamine in mice. Berge OG, et al. **Acta Physiol Scand** 1985 Jan; 123(1):35-41

Serotonin receptors in parasitic worms. Mansour TE. **Adv Parasitol** 1984;23:1-36 (118 ref.)

Platelet-vessel wall interactions in hemostasis: implication of 5-hydroxytryptamine. De Clerck F, et al. **Agents Actions** 1984 Dec;15(5-6):627-35

Platelet-vessel wall interactions: implication of 5-hydroxytryptamine. A review. De Clerck F, et al. **Agents Actions** 1984 Dec;15(5-6):612-26 (129 ref.)

Adenine nucleotides, serotonin, and endothelium-dependent relaxations to platelets. Houston DS, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):H389-95

Sexual differences in the topographical distribution of serotonergic fibers in the anterior column of rat lumbar spinal cord. Kojima M, et al. **Anat Embryol (Berl)** 1984; 170(2):117-21

Serotonin-containing neurons in the rat and cat brain, especially in the hypothalamus, following monoamine oxidase inhibitor pretreatment: an immunohistochemical study using anti-serotonin antiserum. Ueda S, et al. **Arch Histol Jpn** 1984 Oct;47(4):405-10

Serotonin antagonists. Anthony M. **Aust NZ J Med** 1984 Dec;14(6):888-95 (41 ref.)

Spontaneous and delayed spatial alternation following damage to specific neuronal elements within the nucleus medianus raphe. Asin KE, et al. **Behav Brain Res** 1984 Sep;13(3):241-50

Serotonin and vasodilatation. Mecca TE, et al. **Bibl Cardiol** 1984;(38):81-90 (34 ref.)

Adrenergic and serotoninergic mechanisms in human hand arteries and veins studied by fluorescence histochemistry and in vitro pharmacology. Arneklo-Nobin B, et al. **Blood Vessels** 1985;22(1):1-12

Inhibition of monoamine oxidase in 5-hydroxytryptaminergic neurones by substituted p-aminophenylalkylamines. Ask AL, et al. **Br J Pharmacol** 1985 Jul;85(3):683-90

Blockade and reversal of 5-methoxy-N,N-dimethyltryptamine-induced analgesia following noradrenaline depletion. Archer T, et al. **Brain Res** 1985 Apr 29;333(1):55-61

Effects of a serotonin agonist and antagonist on cortically induced rhythmical jaw movements in the anesthetized guinea pig. Chandler SH, et al. **Brain Res** 1985 May 20; 334(2):201-6

Differential responses of serotonergic and non-serotonergic neurons in nucleus raphe magnus to systemic morphine in rats. Chiang CY, et al. **Brain Res** 1985 Jun 24; 337(1):146-50

Enhancement of some 5-HT-dependent behavioural responses following repeated immobilization in rats. Kennett GA, et al. **Brain Res** 1985 Mar 25;330(2):253-63

Possible involvement of serotonergic neurotransmission in neurotensin but not morphine analgesia. Long JB, et al. **Brain Res** 1984 Sep 17;310(1):35-41

Evidence for a serotonergically mediated sympathoexcitatory response to stimulation of medullary raphe nuclei. McCall RB. **Brain Res** 1984 Oct 8;311(1):131-9

Inhibitory influence of GABA on central serotonergic transmission. Involvement of the habenulo-raphé pathways in the GABAergic inhibition of ascending cerebral serotonergic neurons. Nishikawa T, et al. **Brain Res** 1985 Apr 1;331(1):81-90

Inhibitory influence of GABA on central serotonergic transmission. Raphé nuclei as the neuroanatomical site of the GABAergic inhibition of cerebral serotonergic neurons. Nishikawa T, et al. **Brain Res** 1985 Apr 1;331(1):91-103

Role of thalamic motor nuclei in bilateral regulation of serotoninergic transmission in cat basal ganglia. Romo R, et al. **Brain Res** 1984 Nov 26;322(2):297-300

Site of interaction of serotonin and desglycinamide-arginine-vasopressin in maintenance of ethanol tolerance. Speisky MB, et al. **Brain Res** 1985 Feb 11;326(2):281-90

Origin and termination of dorsal raphe-median eminence projection. Villar MJ, et al. **Brain Res** 1984 Dec 17; 324(1):165-70

Progesterone stimulates sexual behaviour in female rats by increasing 5-HT activity on 5-HT2 receptors. Wilson CA, et al. **Brain Res** 1985 May 6;333(2):223-9

Induced homotypic collateral sprouting of serotonergic fibers in the hippocampus of rat. Zhou FC, et al. **Brain Res** 1984 Aug 6;308(1):53-62

Serotonergic modulation of the feeding behavior of the medicinal leech. Lent CM. **Brain Res Bull** 1985 Jun; 14(6):643-55

A GABAergic habenulo-raphe pathway mediates both serotoninergic and hypnogenic effects of vasotocin in cats. Pavel S, et al. **Brain Res Bull** 1984 Nov;13(5):623-7

Functional bases for a central serotonergic involvement in classic migraine: a speculative view. MacKenzie ET, et al. **Cephalalgia** 1985 Jun;5(2):69-78 (60 ref.)

5-Hydroxytryptamine in invertebrates. Walker RJ. **Comp Biochem Physiol [C]** 1984;79(2):231-5 (85 ref.)

The possible role of serotonin in the rhythmicity of the crop of Aplysia dactylomela. Wells DW, et al. **Comp Biochem Physiol [C]** 1985;80(2):337-45

Histamine-induced depression of serotoninergic dorsal raphe neurons: antagonism by cimetidine, a reevaluation. Lakoski JM, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):153-6

A reduction of the tone of 5-hydroxytryptamine neurons decreases utilization rates of striatal and hypothalamic enkephalins. Mocchetti I, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):427-30

Quinolinic acid stimulates luteinizing hormone secretion through a serotonin-dependent mechanism. Johnson MD, et al. **Exp Brain Res** 1985;59(1):62-7

Response of serotonin-containing neurons in nucleus raphe magnus to morphine, noxious stimuli, and periaqueductal gray stimulation in freely moving cats. Auerbach S, et al. **Exp Neurol** 1985 Jun;88(3):609-28

Activity of serotonin-containing neurons in nucleus raphe magnus in freely moving cats. Fornal C, et al. **Exp Neurol** 1985 Jun;88(3):590-608

Schistosoma mansoni: neurotransmitters and the mobility of cercariae and schistosomules. Ercoli N, et al. **Exp Parasitol** 1985 Apr;59(2):204-16

A pivotal role for serotonin (5HT) in the regulation of beta adrenoceptors by antidepressants: reversibility of the action parachlorophenylalanine by 5-hydroxytroptophan. Manier DH, et al. **Experientia** 1984 Nov 15;40(11):1223-6

Specific immunolysis of serotonergic nerve terminals using an antiserum against tryptophan hydroxylase. Docherty M, et al. **FEBS Lett** 1985 Mar 25;182(2):489-92

Serotonin but not dopamine is involved in the naloxone-induced luteinizing hormone release in man. Foresta C, et al. **Fertil Steril** 1985 Mar;43(3):447-50

Colonic secretion mediated by prostaglandin E2 and 5-hydroxytryptamine may contribute to diarrhea due to morphine withdrawal in the rat. Beubler E, et al. **Gastroenterology** 1984 Nov;87(5):1042-8

Enhancement of the cyclic motor activity of the ovine small intestine by lysergic acid derivatives. Mechanism and significance. Ruckebusch Y. **Gastroenterology** 1984 Nov; 87(5):1049-55

Evidence for dopaminergic and serotonergic regulation of prolactin cell activity in the trout Salmo gairdneri. James VA, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):231-9

Evidence for serotoninergic control of exercise-induced prolactin secretion. De Meirleir K, et al. **Horm Metab Res** 1985 Jul;17(7):380-1

Role of 5-HT on increased permeability of blood-brain barrier under heat stress. Sharma HS, et al. **Indian J Physiol Pharmacol** 1984 Oct-Dec;28(4):259-67

d-Fenfluramine and salbutamol: two drugs causing anorexia through different neurochemical mechanisms. Garattini S, et al. **Int J Obes** 1984;8 Suppl 1:151-7

Two novel agents affecting eating through an action on monoaminergic systems. Roncucci R, et al. **Int J Obes** 1984; 8 Suppl 1:103-17

Alteration of corneal epithelial ion transport by sympathectomy. Klyce SD, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):434-42

Beta-adrenergic and serotonergic stimulation of rabbit corneal tissues and cultured cells. Neufeld AH, et al. **Invest Ophthalmol Vis Sci** 1984 Nov;25(11):1235-9

Neuroendocrinological study of opioid and serotoninergic systems in migraine patients. Bussone G, et al. **Ital J Neurol Sci** 1984 Dec;5(4):413-6

Central nervous system opiate and 5-hydroxytryptamine influences on baroreflex control of the coronary circulation. Moore PG, et al. **J Auton Nerv Syst** 1985 Feb-Mar; 12(2-3):185-94

Role of central nervous system monoamines in cardiopulmonary effects of Althesin in rabbit and man. Quail AW, et al. **J Auton Nerv Syst** 1985 Feb-Mar; 12(2-3):159-74

Central nervous system 5-hydroxytryptamine and noradrenaline specificity of ear vascular and ventilation reflexes in thermoregulating rabbits. White SW, et al. **J Auton Nerv Syst** 1985 Feb-Mar;12(2-3):131-44

Serotonin and carcinoid tumors. Ahlman H. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S79-85

Serotonergic mechanisms in isolated human peripheral arteries and veins. Arneklo-Nobin B, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S52-5

Effects of serotonin on the cardiopulmonary circulatory system with and without 5-HT2-receptor blockade by ketanserin. Breuer J, et al. **J Cardiovasc Pharmacol** 1985; 7 Suppl 7:S64-6

Direct and sensitizing effects of serotonin agonists and antagonists on vascular smooth muscle. Myers JH, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S44-8 (11 ref.)

Serotonergic mechanisms and blood pressure in sheep. Nelson MA, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S117-9

Serotonin and the heart: effects of ketanserin on myocardial function, heart rate, and arrhythmias. Saman S, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S70-5 (41 ref.)

Serotonin and Raynaud's phenomenon. Seibold JR. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S95-8 (15 ref.)

Serotonin and the blood vessel wall. Van Nueten JM. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S49-51

Ketanserin: a possible tool for studying the role of serotonin in hypertension. Woittiez AJ, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S130-6

Serotoninergic agonists increase plasma levels of beta-endorphin and beta-lipotropin in humans. Petraglia F, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1138-42

Serotoninergic axonal contacts on identified cat spinal dorsal horn neurons and their correlation with nucleus raphe magnus stimulation. Miletic V, et al. **J Comp Neurol** 1984 Sep 1;228(1):129-41

A role for mast cells and the vasoactive amine serotonin in T cell-dependent immunity to tumors. Van Loveren H, et al. **J Immunol** 1985 Feb;134(2):1292-9

Sprouting and functional regeneration of an identified serotonergic neuron following axotomy. Murphy AD, et al. **J Neurobiol** 1985 Mar;16(2):137-51

Regulation of calcium influx into buccal muscles of Aplysia by acetylcholine and serotonin. Ram JL, et al. **J Neurobiol** 1985 Jan;16(1):57-68

Tryptamine concentrations in areas of 5-hydroxytryptamine terminal innervation after electrolytic lesions of midbrain raphe nuclei. Juorio AV, et al. **J Neurochem** 1985 Aug; 45(2):422-6

Serotoninergic system in scrapie-infected hamsters. Pocchiari M, et al. **J Neurochem** 1985 Mar;44(3):862-8

Morphology and serotonergic innervation of physiologically identified cells of the guinea pig's myenteric plexus. Erde SM, et al. **J Neurosci** 1985 Mar;5(3):617-33

Postnatal development of laminar innervation patterns by monoaminergic fibers in monkey (Macaca fascicularis) primary visual cortex. Foote SL, et al. **J Neurosci** 1984 Nov;4(11):2667-80

Serotonin and cyclic adenosine 3':5'-monophosphate modulate the potassium current in tail sensory neurons in the pleural ganglion of Aplysia. Pollock JD, et al. **J Neurosci** 1985 Jul;5(7):1862-71

Serotonin regulation of the canine migrating motor complex. Ormsbee HS 3d, et al. **J Pharmacol Exp Ther** 1984 Nov; 231(2):436-40

Involvement of platelet-released 5-HT in tumor cell lodgement. Skolnik G, et al. **J Surg Res** 1985 Jun; 38(6):559-67

Involvement of adrenergic and serotonergic nervous mechanisms in allethrin-induced tremors in mice. Nishimura M, et al. **J Toxicol Sci** 1984 May;9(2):131-42

Evidences that endogenous 5-hydroxytryptamine participates in the contractile response to morphine in the rat isolated colon. Kitazawa T. **Kitasato Arch Exp Med** 1984 Apr;57(1):47-56

Dopaminergic and serotoninergic anorectics differentially antagonize insulin- and 2-DG-induced hyperphagia. Carruba MO, et al. **Life Sci** 1985 May 6;36(18):1739-49

Calcium-dependence of serotonin-mediated aldosterone secretion and differential effects of calcium antagonists. Ganguly A, et al. **Life Sci** 1985 Apr 15;36(15):1459-64

Evidence for 5-HT2 involvement in the mechanism of action of hallucinogenic agents. Glennon RA, et al. **Life Sci** 1984 Dec 17;35(25):2505-11

Fluoxetine, a selective inhibitor of serotonin uptake, potentiates morphine analgesia without altering its discriminative stimulus properties or affinity for opioid receptors. Hynes MD, et al. **Life Sci** 1985 Jun 17; 36(24):2317-23

The hypothermic effect of 4-(5,6-dimethyl-2-benzofuranyl) piperidine HCl (CGP 6085 A) in Wistar Kyoto rats. Kulakowski EC, et al. **Life Sci** 1984 Sep 17;35(12):1329-35

Effects of the serotonin agonist, quipazine, on luteinizing hormone and prolactin release: evidence for serotonin-catecholamine interactions. Lynch CO Jr, et al. **Life Sci** 1984 Oct 1;35(14):1481-7

Differential regulation of the brain and gut immunoreactive dynorphin by the serotonin system. Majeed NH, et al. **Life Sci** 1985 Jul 29;37(4):339-43

Effects of tranylcypromine treatment on neuroendocrine, behavioral, and autonomic responses to tryptophan in depressed patients. Price LH, et al. **Life Sci** 1985 Sep 2; 37(9):809-18

Development of selective tolerance to the serotonin behavioral syndrome and suppression of locomotor activity after repeated administration of either 5-MeODMT or mCPP. Sills MA, et al. **Life Sci** 1985 Jul 1;36(26):2463-9

Dietary tryptophan does not alter the function of brain serotonin neurons. Trulson ME. **Life Sci** 1985 Sep 16; 37(11):1067-72

Characterization of the alpha adrenergic receptor population in hippocampus up regulated by serotonergic raphe deafferentiation. Wang JX, et al. **Life Sci** 1985 Jan 21; 36(3):255-70

Modulation of a transient outward current in serotonergic neurones by alpha 1-adrenoceptors. Aghajanian GK. **Nature** 1985 Jun 6-12;315(6019):501-3

Serotonin-containing cell charged with growth cone arrests. Meinertzhagen IA. **Nature** 1985 Jan 31-Feb 6; 313(6001):348-9

Relationship between hypothalamic serotoninergic activity and prolactin and growth hormone secretion in the domestic cockerel. Hall TR, et al. **Neuroendocrinology** 1984 Sep;39(3):206-13

Effect of the serotoninergic system on luteinizing hormone secretion in prepubertal female rats. Moguilevsky JA, et al. **Neuroendocrinology** 1985 Feb;40(2):135-8

The influence of serotonergic neurotransmission on the motor activity of the rabbit with the contusioned spinal cord. Simonić A, et al. **Neurologija** 1984;33(3-4):89-96

Differential modulation of the beta-endorphin and dynorphin systems by serotonergic stimulation in the rat. Majeed NH, et al. **Neuropeptides** 1985 Feb;5(4-6):563-6

In vivo evaluation of mu, delta and kappa opioid receptor agonists on spinal 5-HT metabolism in the rat. Wood PL. **Neuropeptides** 1985 Feb;5(4-6):319-22

Serotonin and appetite. Blundell JE. **Neuropharmacology** 1984 Dec;23(12B):1537-51 (118 ref.)

5-HT-mediated behavior. Animal studies. Green AR. **Neuropharmacology** 1984 Dec;23(12B):1521-8 (66 ref.)

5-HT and anxiety. Iversen SD. **Neuropharmacology** 1984 Dec;23(12B):1553-60 (50 ref.)

Down-regulation of beta-adrenoceptors in rat cortex by repeated administration of desipramine, electroconvulsive shock and clenbuterol requires 5-HT neurones but not 5-HT. Nimgaonkar VL, et al. **Neuropharmacology** 1985 Apr;24(4):279-83

Test-dependent variations in the antinociceptive effect of p-chloroamphetamine-induced release of 5-hydroxytryptamine. Ogren SO, et al. **Neuropharmacology** 1984 Aug;23(8):915-24

5-Hydroxytryptamine and antinociception. Roberts MH. **Neuropharmacology** 1984 Dec;23(12B):1529-36 (58 ref.)

The role of serotonergic neurons in dorsal raphe, median raphe and anterior hypothalamic pressor mechanisms. Robinson SE, et al. **Neuropharmacology** 1985 Jan;24(1):51-8

Effects of chronic administration of D-amphetamine on PGO wave activity in the cat. Trulson ME, et al. **Neuropharmacology** 1984 Oct;23(10):1151-60

Serotonin and norepinephrine-dependent effects of fenfluramine on plasma renin activity in conscious male rats. Van de Kar LD, et al. **Neuropharmacology** 1985 Jun; 24(6):487-94

Spectral characteristics of the cortex EEG for activation of the serotoninergic structures of the neocortex. Mamedov ZG, et al. **Neurosci Behav Physiol** 1984 Nov-Dec; 14(6):493-6

Intracerebroventricular administration of cholecystokinin inhibits the activity of the dopaminergic and serotoninergic systems of the brain. Vasar EE, et al. **Neurosci Behav Physiol** 1985 May-Jun;15(3):232-6

Ultrastructural relationships between serotonin and dopamine neurons in the rat arcuate nucleus and medial zona incerta: a combined radioautographic and immunocytochemical study. Bosler O, et al. **Neurosci Lett** 1984 Aug 10; 48(3):279-85

Serotonergic and non-serotonergic projections from the interpeduncular nucleus to the ventral hippocampus in the rat. Groenewegen HJ, et al. **Neurosci Lett** 1984 Sep 28; 51(1):19-24

Is waning of a 5-hydroxytryptamine (5-HT)-mediated syndrome due to 5-HT2 receptor down-regulation? Koshikawa N, et al. **Neurosci Lett** 1985 Apr 19;55(3):279-82

Blockade of intrathecal 5-hydroxytryptamine-induced antinociception in rats by noradrenaline depletion. Minor BG, et al. **Neurosci Lett** 1985 Feb 28;54(1):39-44

Loss of vision-guided adaptation of the vestibulo-ocular reflex after depletion of brain serotonin in the rabbit. Miyashita Y, et al. **Neurosci Lett** 1984 Oct 12;51(2):177-82

Forskolin mimics and blocks a serotonin-sensitive decreased K+ conductance in tail sensory neurons of Aplysia. Walsh JP, et al. **Neurosci Lett** 1984 Nov 23;52(1-2):7-11

5-Hydroxytryptamine mediates inhibitory postsynaptic potentials in rat dorsal raphe neurons. Yoshimura M, et al. **Neurosci Lett** 1985 Jan 7;53(1):69-74

The effect of adrenalectomy and corticosterone on homotypic collateral sprouting of serotonergic fibers in hippocampus. Zhou FC, et al. **Neurosci Lett** 1985 Mar 15; 54(2-3):111-6

Ontogenesis of the central serotonin neuron system of the rat--an immunohistochemical study. Goto M, et al. **Neurosci Res** 1984 Feb;1(1):3-18

Possible role of serotonin in the secretory activity of the subcommissural organ of the cat. Sakumoto T, et al. **Neurosci Res** 1984 Jun;1(3):191-7

Functional aspects of serotonin transmission in the basal ganglia: a review and an in vivo approach using the push-pull cannula technique. Soubrié P, et al. **Neuroscience** 1984 Nov;13(3):605-25 (169 ref.)

Altered responses to serotonergic agents in Fawn-Hooded rats. Gudelsky GA, et al. **Pharmacol Biochem Behav** 1985 Mar;22(3):489-92

Involvement of the serotonergic system in the prolongation of pentobarbital sleeping time produced by prostaglandin D2. Hollingsworth EB, et al. **Pharmacol Biochem Behav** 1985 Mar;22(3):365-70

Manipulations of 5-HT activity and memory in the rat. Lalonde R, et al. **Pharmacol Biochem Behav** 1985 Mar; 22(3):377-82

Dopamine autoreceptor mediation of the effects of apomorphine on serotonin neurons. Lee EH, et al. **Pharmacol Biochem Behav** 1984 Aug;21(2):301-11

A facilitatory role for serotonin in the sexual behavior of the female rat. Mendelson SD, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):1025-33

Effects of quipazine and methysergide on play in juvenile rats. Normansell L, et al. **Pharmacol Biochem Behav** 1985 May;22(5):885-7

Central serotonin neurones in avoidance learning: interactions with noradrenaline and dopamine neurones. Ogren SO. **Pharmacol Biochem Behav** 1985 Jul;23(1):107-23

Is there a 'serotonergic syndrome' in neonatal rat pups? Ristine LA, et al. **Pharmacol Biochem Behav** 1985 Feb; 22(2):265-9

Increased sensitivity to serotonergic agonists after repeated electroconvulsive shock in rats. Wielosz M. **Pharmacol Biochem Behav** 1985 May;22(5):683-7

Evidence for the lack of serotonergic mechanism in the regulation of blood-brain barrier. Gulati A, et al. **Pharmacol Res Commun** 1984 Feb;16(2):181-8

Cholecystokinin-induced hypothermia: possible involvement of serotoninergic mechanisms in the rat hypothalamus. Liu HJ, et al. **Pharmacology** 1985;31(2):108-14

Anatomical features and physiological properties of central serotonin neurons. Baumgarten HG, et al. **Pharmacopsychiatry** 1985 Mar;18(2):180-7

Serotonin involvement in lisuride-induced mounting and in sleep. Da Prada M, et al. **Pharmacopsychiatry** 1985 Mar; 18(2):202-8

Significance of serotonin in central nervous functions. Maître L. **Pharmacopsychiatry** 1985 Mar;18(2):179

Human aggression and the role of central serotonin. Mühlbauer HD. **Pharmacopsychiatry** 1985 Mar; 18(2):218–21

Role of noradrenaline and serotonin in the basolateral region of the amygdala in food preferences and learned taste aversions in the rat. Borsini F, et al. **Physiol Behav** 1984 Jul;33(1):37–43

Serotonin–depleting midbrain lesions fail to mitigate hyperphagia and obesity in the Zucker fatty rat. Coscina DV, et al. **Physiol Behav** 1985 Jan;34(1):107–14

Effects of serotonin–depleting midbrain lesions on the defense of hypothalamic obesity. Coscina DV, et al. **Physiol Behav** 1984 Oct;33(4):575–9

Brain serotonergic neurons: their role in a form of dominance–subordination behavior in rats. Kostowski W, et al. **Physiol Behav** 1984 Sep;33(3):365–71

Different roles of catecholaminergic and serotoninergic neurons of the medial forebrain bundle on male rat sexual behavior. Rodriguez M, et al. **Physiol Behav** 1984 Jul; 33(1):5–11

Serotonergic control of experimental aggression. Valzelli L, et al. **Pol J Pharmacol Pharm** 1984 Sep–Oct;36(5):495–503

Serotoninergic influences on sexual differentiation of the rat brain. Jarzab B, et al. **Prog Brain Res** 1984;61:119–26

Combined lithium and valproate treatment and subsequent withdrawal: serotonergic mechanism of their interaction in discrete brain regions. Shukla GS. **Prog Neuropsychopharmacol Biol Psychiatry** 1985; 9(2):153–6

Serotonergic modulation of cortical rat noradrenergic system in the mechanism of action of antidepressant drugs. Brunello N, et al. **Psychopharmacol Bull** 1985;21(3):379–84

Persistent effects of amphetamine, p–chloroamphetamine, and related compounds on central dopamine and serotonin neurons in rodents. Fuller RW. **Psychopharmacol Bull** 1985; 21(3):528–32

Serotonin–behavior interactions in vervet monkeys. McGuire MT, et al. **Psychopharmacol Bull** 1985;21(3):458–63

The serotonin/norepinephrine–linked beta–adrenoceptor system and the mode of action of antidepressants. Sanders–Bush E, et al. **Psychopharmacol Bull** 1985; 21(3):373–8

Role of serotonin in memory: facilitation by alaproclate and zimeldine. Altman HJ, et al. **Psychopharmacology (Berlin)** 1984;84(4):496–502

Responses of prolactin and growth hormone to L–tryptophan infusion: effects in normal subjects and schizophrenic patients receiving neuroleptics. Cowen PJ, et al. **Psychopharmacology (Berlin)** 1985;86(1–2):164–9

Effect of metergoline on human anxiety. Graeff FG, et al. **Psychopharmacology (Berlin)** 1985;86(3):334–8

Anorectic effect of fenfluramine isomers and metabolites: relationship between brain levels and in vitro potencies on serotonergic mechanisms. Mennini T, et al. **Psychopharmacology (Berlin)** 1985;85(1):111–4

Serotonergic potentiation of muscarinic agonist evoked tremor and salivation in rat and mouse. Ogren SO, et al. **Psychopharmacology (Berlin)** 1985;86(3):258–64

Antidepressants and serotonergic neurotransmission: an integrative review. Willner P. **Psychopharmacology (Berlin)** 1985;85(4):387–404 (244 ref.)

Synaptic arrangements formed by serotonin–immunoreactive axons in the substantia gelatinosa of the rat spinal cord. Maxwell DJ, et al. **Q J Exp Physiol** 1985 Jul;70(3):377–88

Hallucinogenic amphetamine selectively destroys brain serotonin nerve terminals. Ricaurte G, et al. **Science** 1985 Sep 6;229(4717):986–8

The ultrastructure and synaptic connections of serotonin–immunoreactive terminals in spinal laminae I and II. Light AR, et al. **Somatosens Res** 1983;1(1):33–50

[Regulation of cardiovascular function by plasma serotonin] Chen HC. **Sheng Li Ko Hsueh Chin Chan** 1984 Apr; 15(2):172–4 **(Chi)**

[Stimulatory control by oxytocin (or an analog peptide) of the pituitary intermediate lobe in rabbits. Inhibitory role of serotonin] Schimchowitsch S, et al. **C R Acad Sci [III]** 1985;300(7):283–6 (Eng. Abstr.) **(Fre)**

[The spinal enkephalinergic and serotoninergic systems in the control of transmission of nociceptive messages] Cesselin F, et al. **J Pharmacol** 1985;16 Suppl 1:119–37 (70 ref.) (Eng. Abstr.) **(Fre)**

[Blood pressure regulation and serotonin] Kajiwara N, et al. **Nippon Rinsho** 1985 May;43(5):923–8 (31 ref.) **(Jpn)**

[Role of serotonin in the regulation of the circulatory system] Buczko W. **Pol Tyg Lek** 1985 Apr 22;40(16):469–72 (21 ref.) **(Pol)**

[Participation of serotoninergic mechanisms in the regulation of visceral functions during conditioned reflex activity] Pastukhov VA, et al. **Fiziol Zh SSSR** 1985 Jun;71(6):688–93 (Eng. Abstr.) **(Rus)**

[Histamine and serotonin participation in the genesis of diseases with connective and epithelial tissue lesions] Skripkin IuK, et al. **Vestn Dermatol Venerol** 1985 Jan; (1):9–12 (Eng. Abstr.) **(Rus)**

[Cross–correlation interactions in the cortex upon stimulation of the posterolateral hypothalamus and raphe nuclei] Mamedov ZG, et al. **Zh Vyssh Nerv Deiat** 1984 Jul–Aug; 34(4):791–3 **(Rus)**

[Clinicopharmacologic aspects of the effects of serotonin and its blockade] Dzúrik R, et al. **Bratisl Lek Listy** 1985 Jan; 83(1):46–52 (Eng. Abstr.) **(Slo)**

SECRETION

Regulation of serotonin neurotransmission by antidepressant drugs and electroconvulsive shock: the fall and rise of serotonin receptors. Kellar KJ, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:138–45

Effect of ethanol on thrombin–induced platelet phospholipid breakdown and release of [3H]–5–hydroxytryptamine. Fenn GC, et al. **Alcohol** 1985 Jan–Feb;2(1):177–82

Effects of ethanol on 5–hydroxytryptamine release from rat corpus striatum in vivo. Holman RB, et al. **Alcohol** 1985 Mar–Apr;2(2):249–53

The effects of dopamine and dopamine agonists on the release of 3H–GABA and 3H–5HT from rat nigral slices. Kelly E, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2655–62

Differential release of serotonin without comparable histamine under diverse conditions in the rat mast cell. Theoharides TC, et al. **Biochem Pharmacol** 1985 May 1; 34(9):1389–98

High concentrations of arachidonic acid induce platelet aggregation and serotonin release independent of prostaglandin endoperoxides and thromboxane A2. Hashimoto Y, et al. **Biochim Biophys Acta** 1985 Sep 6; 841(3):283–91

Endogenous platelet serotonin release monitored during aggregation by means of a new electrochemical technique. Marcenac F, et al. **Biochim Biophys Acta** 1985 Jul 5; 840(3):377–82

Platelet secretion defect associated with impaired liberation of arachidonic acid and normal myosin light chain phosphorylation. Rao AK, et al. **Blood** 1984 Oct; 64(4):914–21

Evidence for a dopaminergic innervation of the cat lateral habenula: its role in controlling serotonin transmission in the basal ganglia. Reisine TD, et al. **Brain Res** 1984 Aug 13;308(2):281–8

Serotonin release in human cerebral cortex and its modulation via serotonin receptors. Schlicker E, et al. **Brain Res** 1985 Apr 8;331(2):337–41

An investigation of amphetamine–induced release of 5–HT from rat hippocampal slices. Balfour DJ, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):395–9

Modulation of hippocampal serotonin (5–HT) release by endogenous adenosine. Feuerstein TJ, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):233–42

Effect of various excitatory agonists on the secretion of 5–hydroxytryptamine from permeabilised human platelets induced by Ca2+ in the presence or absence of GTP. Knight DE, et al. **FEBS Lett** 1985 Apr 22;183(2):417–22

Inhibition of fibrinogen receptor expression and serotonin release by leupeptin and antipain. Baldassare JJ, et al. **J Biol Chem** 1985 Sep 5;260(19):10531–5

Thrombin induces serotonin secretion and aggregation independently of inositol phospholipids hydrolysis and protein phosphorylation in human platelets permeabilized with saponin. Lapetina EG, et al. **J Biol Chem** 1985 Jun 10;260(11):7078–83

Nimodipine has an inhibitory action on neurotransmitter release from human cerebral arteries. Porter ID, et al. **J Cereb Blood Flow Metab** 1985 Jun;5(2):338–42

Efflux of 5–hydroxytryptamine and noradrenaline into spinal cord superfusates during stimulation of the rat medulla. Hammond DL, et al. **J Physiol (Lond)** 1985 Feb;359:151–62

Receptor–induced diacylglycerol formation in permeabilized platelets; possible role for a GTP–binding protein. Haslam RJ, et al. **J Recept Res** 1984;4(1–6):605–29

Increased dopamine production in patients with carcinoid tumors. Feldman JM. **Metabolism** 1985 Mar;34(3):255–60

Endogenous noradrenaline as modulator of hippocampal serotonin (5–HT)–release. Dual effects of yohimbine, rauwolscine and corynanthine as alpha–adrenoceptor antagonists and 5–HT–receptor agonists. Feuerstein TJ, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 May; 329(3):216–21

Opiate regulation of mesolimbic serotonin release: in vivo semiderivative electrochemical analyses. Broderick PA. **Neuropeptides** 1985 Feb;5(4–6):587–90

Increase in levels and ex vivo release of thyrotrophin–releasing hormone (TRH) in specific regions of the CNS of the rat by chronic treatment with antidepressants. Lighton C, et al. **Neuropharmacology** 1985 May;24(5):401–6

Substance P acts by releasing 5–hydroxytryptamine from enteric neurons in the stomach of the rainbow trout, Salmo gairdneri. Holmgren S, et al. **Neuroscience** 1985 Feb; 14(2):683–93

Separation of the associative and non–associative effects of brain serotonin released by p–chloroamphetamine: dissociable serotoninergic involvement in avoidance learning, pain and motor function. Ogren SO, et al. **Psychopharmacology (Berlin)** 1985;86(1–2):12–26

The effects of vagal nerve stimulation on endoluminal release of serotonin and substance P into the feline small intestine. Grønstad KO, et al. **Scand J Gastroenterol** 1985 Mar; 20(2):163–9

On the mode of action of the pentagastrin test in the carcinoid syndrome. Grönstad KO, et al. **Scand J Gastroenterol** 1985 May;20(4):508–11

[Mast cells, histamine and serotonin release in the early phase of hyperergic pleuritis in albino rats] Lipshits RU, et al. **Fiziol Zh** 1985 May–Jun;31(3):360–3 **(Rus)**

THERAPEUTIC USE

Comparison of the antidepressant action of tryptophan, tryptophan/5–hydroxytryptophan combination and nomifensine. Quadbeck H, et al. **Neuropsychobiology** 1984; 11(2):111–5

[A case of opsoclonus–polymyoclonia syndrome—suppression by TRH and 5–hydroxytryptophan] Hashiba Y, et al. **Rinsho Shinkeigaku** 1984 Nov;24(11):1091–4 (Eng. Abstr.) **(Jpn)**

[Clinical aspects of the therapy of autoimmune disorders using serotonin] Abramchik GV, et al. **Fiziol Cheloveka** 1984 Mar–Apr;10(2):255–9 **(Rus)**

[Therapeutic effect of adrenaline and serotonin on the hematopoietic system of irradiated mice] Smirnova IB, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):43–6 **(Rus)**

TOXICITY

5–hydroxytryptamine injected intraventricularly fails to influence the brain water content. Dóczi T, et al. **Neurosurgery** 1984 Aug;15(2):165–9

[Determination of the optimal proportions as regards toxicity of AET, ATP and serotonin used in combination] Benova DK, et al. **Radiobiologiia** 1985 Jan–Feb;25(1):63–8 (Eng. Abstr.) **(Rus)**

URINE

Stimulants, urinary catecholamines, and indoleamines in hyperactivity. A comparison of methylphenidate and dextroamphetamine. Zametkin AJ, et al. **Arch Gen Psychiatry** 1985 Mar;42(3):251–5

The influence of NaCl supplementation on the postnatal development of urinary excretion of noradrenaline, dopamine, and serotonin in premature infants. Sulyok E, et al. **Pediatr Res** 1985 Jan;19(1):5–8

SEROTONIN ANTAGONISTS

The depolarizing action of 5–hydroxytryptamine on rabbit vagal primary afferent and sympathetic neurones and its selective blockade by MDL 72222. Azami J, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Feb; 328(4):423–9

Behavioral and 5–HT antagonist effects of ritanserin: a pure and selective antagonist of LSD discrimination in rat. Colpaert FC, et al. **Psychopharmacology (Berlin)** 1985; 86(1–2):45–54

Central serotonin antagonist activity of ketanserin. Fuller RW, et al. **Res Commun Chem Pathol Pharmacol** 1984 Oct; 46(1):151–4

[Antiserotonergic effect of antidepressives in quipazine–induced headshake behavior in the rat] Fischer W, et al. **Pharmazie** 1984 Nov;39(11):776–7 **(Ger)**

[Chronic effect of antidepressives in L–5–HTP–induced headshake behavior in the rat] Fischer W. **Pharmazie** 1984 Nov;39(11):777–8 **(Ger)**

[Serotonin antagonistic effect of antidepressives on the isolated stomach strip of the rat] Fischer W, et al. **Pharmazie** 1984 Dec;39(12):859–61 **(Ger)**

ADVERSE EFFECTS

Orthostatic side effects of clomipramine and citalopram during treatment for depression. Christensen P, et al. **Psychopharmacology (Berlin)** 1985;86(4):383–5

BLOOD

Human plasma inhibitors of platelet serotonin uptake and imipramine receptor binding: extraction and heterogeneity. Brusov OS, et al. **Biol Psychiatry** 1985 Mar;20(3):235–44

Effect of cianopramine, a tricyclic antidepressant, on platelet serotonin uptake and peripheral adrenergic function. Eichler HG, et al. **Clin Pharmacol Ther** 1984 Oct; 36(4):542–5

Size determination of binding polymers for [3H]imipramine and [3H]paroxetine in human platelet membranes. Mellerup ET, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):411–3

Determination of citalopram, amitriptyline and clomipramine in plasma by reversed–phase high–performance liquid chromatography. Rop PP, et al. **J Chromatogr** 1985 Feb 27;338(1):171–8

[Inhibitors of reverse serotonin uptake and of specific imipramine binding in human blood plasma] Brusov OS, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):26–8 (Eng. Abstr.) **(Rus)**

CHEMICAL SYNTHESIS

Synthesis and properties of 3–aminomethyl derivatives of 3H–2–imino–7–methyl–4–oxopyrido–[3,2–e]–1,3–thiazine– and –6–carboxylic acids. Sladowska H, et al. **Farmaco [Sci]** 1985 Jan;40(1):58–64

Synthesis and pharmacological properties of N–arylpiperazine–N'–alkylindanes. Misztal S, et al. **Pol J Pharmacol Pharm** 1984 Nov–Dec;36(6):697–703

DIAGNOSTIC USE

Partial characterization of solubilized platelet imipramine binding sites using a new probe, [3H]3–cyanoimipramine ([3H]Ro 11–2465). Davis A, et al. **Eur J Pharmacol** 1985 Feb 12;109(1):97–104

Ketanserin: a possible tool for studying the role of serotonin in hypertension. Woittiez AJ, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S130-6

ISOLATION & PURIFICATION

[Isolation of substances inhibiting the specific binding of imipramine and serotonin uptake from the brain of the bull] Mukhin AG, et al. **Biull Eksp Biol Med** 1985 Aug; 100(8):197-9 (Eng. Abstr.) **(Rus)**

METABOLISM

Excretion and biotransformation of ketanserin after oral and intravenous administration in rats and dogs. Meuldermans W, et al. **Drug Metab Dispos** 1984 Nov-Dec;12(6):772-81

Bioavailability and pharmacokinetics of ketanserin in elderly subjects. Kurowski M. **Eur J Clin Pharmacol** 1985; 28(4):411-7

Estradiol-induced increase of specific [3H]ketanserin binding sites on rat uterine membranes. Ichida S, et al. **Eur J Pharmacol** 1985 Feb 5;108(3):257-64

Specific antagonism of enteric neural serotonin receptors by dipeptides of 5-hydroxytryptophan: evidence that serotonin is a mediator of slow synaptic excitation in the myenteric plexus. Takaki M, et al. **J Neurosci** 1985 Jul; 5(7):1769-80

The accumulation of an aryloxylkylamidine (501C) and 5-hydroxytryptamine in human polymorphonuclear leucocytes: a quantitative electron microscopy study. Read NG, et al. **J Pharm Pharmacol** 1985 Feb;37(2):96-9

Receptor-binding properties in vitro and in vivo of ritanserin: A very potent and long acting serotonin-S2 antagonist. Leysen JE, et al. **Mol Pharmacol** 1985 Jun;27(6):600-11

Distribution of citalopram in the blood serum and in the central nervous system of rats after single and multiple dosage. Melzacka M, et al. **Pol J Pharmacol Pharm** 1984 Nov-Dec;36(6):675-82

Kinetics of citalopram in elderly patients. Fredericson Overø K, et al. **Psychopharmacology (Berlin)** 1985;86(3):253-7

PHARMACODYNAMICS

The haemodynamic effects of labetalol, ketanserin and a placebo at the end of a NLA. A double blind study. Barvais L, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:453-6

Serotonin-selective antidepressants. Hyttel J, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:146-53

Cardiovascular and blood gas responses to ketanserin in canine pulmonary edema induced by oleic acid. Koyama S, et al. **Anesthesiology** 1985 Apr;62(4):457-61

The pentagastrin test in the diagnosis of the carcinoid syndrome. Blockade of gastrointestinal symptoms by ketanserin. Ahlman H, et al. **Ann Surg** 1985 Jan;201(1):81-6

Restoration of post-thrombotic peripheral collateral circulation in the cat by ketanserin, a selective 5-HT2-receptor antagonist. Nevelsteen A, et al. **Arch Int Pharmacodyn Ther** 1984 Aug;270(2):268-79

Cardiovascular effects of ketanserin in closed-chest anesthetized dogs. van de Water A, et al. **Arch Int Pharmacodyn Ther** 1985 Jun;275(2):267-78

Serotonin-induced blood flow changes in the rat hindlegs after unilateral ligation of the femoral artery. Inhibition by the S2 receptor antagonist ketanserin. Verheyen A, et al. **Arch Int Pharmacodyn Ther** 1984 Aug;270(2):280-98

Irreversible blockade of central 5-HT binding sites by 8-methoxy-2'-chloro-PAT. Emerit MB, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):883-92

Blockade of a 5-hydroxytryptophan-induced animal model of depression with a potent and selective 5-HT2 receptor antagonist (LY53857). Hingtgen JN, et al. **Biol Psychiatry** 1985 Jun;20(6):592-7

A comparison of the effect of paroxetine and amitriptyline on the tyramine pressor response test. Hassan SM, et al. **Br J Clin Pharmacol** 1985 May;19(5):705-6

Pharmacological activity of ACC-7513, a selective alpha-adrenoceptor and 5-hydroxytryptamine receptor blocking agent. Anderson WG, et al. **Br J Pharmacol** 1985 Apr;84(4):793-800

A behavioural and biochemical study in mice and rats of putative selective agonists and antagonists for 5-HT1 and 5-HT2 receptors. Goodwin GM, et al. **Br J Pharmacol** 1985 Mar;84(3):743-53

Effects of the antagonists MDL 72222 and ketanserin on responses of cat carotid body chemoreceptors to 5-hydroxytryptamine. Kirby GC, et al. **Br J Pharmacol** 1984 Sep;83(1):259-69

The effects of alpha 2-adrenergic and serotonergic receptor antagonists on cyclic blood flow alterations in stenosed canine coronary arteries. Bush LR, et al. **Circ Res** 1984 Nov;55(5):642-52

Serotonin (5HT) and its antagonists: involvement in the cardiovascular system. Marwood JF, et al. **Clin Exp Pharmacol Physiol** 1984 Sep-Oct;11(5):439-55 (94 ref.)

Ketanserin does not prevent ACTH-induced hypertension in sheep. Nelson MA, et al. **Clin Exp Pharmacol Physiol** 1985 Mar-Apr;12(2):155-9

Demonstration of alpha-adrenoceptor antagonism by the 5HT2 antagonist, ketanserin (R49945), in sheep. Nelson MA, et al. **Clin Exp Pharmacol Physiol** 1984 Nov-Dec; 11(6):597-604

Effect of intravenous ketanserin on plasma catecholamines and renin activity in normal volunteers. Reimann IW, et al. **Eur J Clin Pharmacol** 1985;28(3):273-7

Prolongation of rat tail bleeding time by ketanserin: mechanisms of action. Buczko W, et al. **Eur J Pharmacol** 1984 Aug 17;103(3-4):261-8

5HT-receptor antagonist properties of SCH 23390 in vascular smooth muscle and brain. Hicks PE, et al. **Eur J Pharmacol** 1984 Oct 15;105(3-4):339-42

Maternal aggression in mice: effects of treatments with PCPA, 5-HTP and 5-HT receptor antagonists. Ieni JR, et al. **Eur J Pharmacol** 1985 May 8;111(2):211-20

Correlation of [3H]5-hydroxytryptamine (5HT) binding to brain stem preparations and the production and prevention of myoclonus in guinea pig by 5HT agonists and antagonists. Luscombe G, et al. **Eur J Pharmacol** 1984 Sep 17;104(3-4):235-44

The effects of serotonin antagonists in a behavioral despair procedure in mice. Luttinger D, et al. **Eur J Pharmacol** 1984 Dec 15;107(1):53-8

Antagonism by ketanserin of 5-HT-induced vasoconstriction unmasks a 5-HT-induced vasodilation. McLennan PL, et al. **Eur J Pharmacol** 1984 Sep 17;104(3-4):313-8

Ketanserin alters [3H]serotonin uptake and release in rat hypothalamus. Offord SJ, et al. **Eur J Pharmacol** 1984 Sep 17;104(3-4):379-82

Redistribution of carotid artery blood flow by 5-HT: effects of the 5-HT2 receptor antagonists ketanserin and Wal 1307. Verdouw PD, et al. **Eur J Pharmacol** 1984 Jul 20; 102(3-4):499-509

Suppression of the immune response by drugs interfering with the metabolism of serotonin. Boranić M, et al. **Experientia** 1984 Oct 15;40(10):1153-5

Enhancement of the cyclic motor activity of the ovine small intestine by lysergic acid derivatives. Mechanism and significance. Ruckebusch Y. **Gastroenterology** 1984 Nov; 87(5):1049-55

5-HT antagonists and blockade of neuronal (5-HT) receptors on ganglion cells. Nash HL, et al. **Gen Pharmacol** 1984; 15(4):339-44

Platelet hypersensitivity to serotonin after prolonged ketanserin intake? Arnout J, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S20-2

Is there alpha-adrenergic blockade and/or serotonergic blockade during chronic ketanserin treatment? Ball SG, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S120-2

Effects of serotonin on the cardiopulmonary circulatory system with and without 5-HT2-receptor blockade by ketanserin. Breuer J, et al. **J Cardiovasc Pharmacol** 1985; 7 Suppl 7:S64-6

Continuous inhibition of platelet S2-serotonergic receptors during chronic administration of ketanserin in humans. De Clerck F, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S23-5

Ketanserin and red blood cell sodium content in hypertension. De Cree J, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S41-3

Effect of ketanserin on the hyperreactivity of platelets to 5-hydroxytryptamine in patients with cardiovascular diseases. De Cree J, et al. **J Cardiovasc Pharmacol** 1985; 7 Suppl 7:S26-8

Comparison of blood pressure ratio by Doppler velocimetry and by plethysmography during treatment with ketanserin, a 5-HT2 receptor antagonist: a measure of improved collateral and microcirculatory flow. De Cree J, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S92-4

Effect of ketanserin on phenylephrine-dependent changes in splanchnic hemodynamics and systemic blood pressure in healthy subjects. Gasic S, et al. **J Cardiovasc Pharmacol** 1985 Mar-Apr;7(2):219-23

Effect of ketanserin on hemodynamics, plasma-catecholamine concentrations, and serotonin uptake by platelets in volunteers and patients with congestive heart failure. Grobecker H, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S102-4

Pharmacology of potent and selective S2-serotonergic antagonists. Janssen PA. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S2-11 (27 ref.)

Effects of ketanserin on the intracellular concentration and transmembrane fluxes of sodium and potassium in erythrocytes of normal male subjects. Lijnen P, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S38-40

Effects of ketanserin on peripheral blood flow, haemorheology, and platelet function in patients with Raynaud's phenomenon. Longstaff J, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S99-101

Bucindolol has serotonin and alpha-adrenoceptor blocking properties. Marwood JF, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S67-9

Effects of serotonin antagonists on blood pressure in mineralocorticoid hypertensive sheep. Mecca TE, et al. **J Cardiovasc Pharmacol** 1985 Jul-Aug;7(4):660-5

Serotonin-induced vasoconstriction in the perfused canine femoral artery can be blocked in vivo by ketanserin. Meschig R, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S56-9

Direct and sensitizing effects of serotonin agonists and antagonists on vascular smooth muscle. Myers JH, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S44-8 (11 ref.)

Serotonergic mechanisms and blood pressure in sheep. Nelson MA, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S117-9

Effect of ketanserin on the kinetics of digoxin and digitoxin. Ochs HR, et al. **J Cardiovasc Pharmacol** 1985 Jan-Feb; 7(1):205-7

Chronic serotonergic blockade with ketanserin in the spontaneously hypertensive rat. Pettersson A, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S112-3

Serotonin and the heart: effects of ketanserin on myocardial function, heart rate, and arrhythmias. Saman S, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S70-5 (41 ref.)

Influence of ketanserin on 5-hydroxytryptamine-induced cerebrovascular spasm in the cat. Vällfors B, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S60-3

Can peripheral serotonergic blockade explain the hypotensive effect of ketanserin? Vanhoutte PM. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S105-9 (24 ref.)

Serotonin and the flow properties of blood. Walker RT, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S35-7

Antiarrhythmic and electrophysiological effects of ICS 205-930, an antagonist of 5-hydroxytryptamine at peripheral receptors. Williams FM, et al. **J Cardiovasc Pharmacol** 1985 May-Jun;7(3):550-5

Ketanserin and alpha 1-adrenergic antagonism in humans. Zabludowski JR, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S123-5

Effects of ketanserin on platelet function and red cell filterability in hypertension and peripheral vascular disease. Zannad F, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S32-4

Effects of 5-hydroxytryptamine uptake blockers on the release of LH and prolactin in several different experimental steroid models in the rat. Horn AM, et al. **J Endocrinol** 1985 Mar;104(3):397-406

Effects of 5-hydroxytryptamine uptake blockers on the concentration in brain of 5-hydroxytryptamine and 5-hydroxyindoleacetic acid in male rats, pro-oestrous rats and ovariectomized rats treated with oestrogen and progesterone. Horn AM, et al. **J Endocrinol** 1985 Mar; 104(3):407-13

Ketanserin without effects on basal anterior pituitary hormone secretion in healthy subjects. Gordin A, et al. **J Endocr[illegible] Invest** 1985 Feb;8(1):73-5

Haemodynamic response to ketanserin in rabbits with Page hypertension: comparison with prazosin. Wright CE, et al. **J Hypertens** 1983 Aug;1(2):183-90

Serotonin agonists reduce dopamine synthesis in the striatum only when the impulse flow of nigro-striatal neurons is intact. Spampinato U, et al. **J Neurochem** 1985 Sep; 45(3):980-2

Blockade by anti-glucocorticoids, actinomycin D and cycloheximide of the anti-inflammatory action of some Kampohozai (Chinese traditional medicines) against serotonin. Amagaya S, et al. **J Pharmacobiodyn** 1984 Oct; 7(10):707-17

Effects of serotonin receptor antagonists on punished responding maintained by stimulus-shock termination or food presentation in squirrel monkeys. Brady LS, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):106-12

The effects of a new serotonin receptor antagonist (ketanserin) on lower urinary tract function in patients with prostatism. Hørby-Petersen J, et al. **J Urol** 1985 Jun; 133(6):1094-8

Different effects of serotonin antagonists on 3H-mianserin and 3H-ketanserin recognition sites. Gandolfi O, et al. **Life Sci** 1985 Feb 25;36(8):713-21

Serotonin uptake inhibitors differentially modulate high affinity imipramine dissociation in human platelet membranes. Wennogle LP, et al. **Life Sci** 1985 Apr 22; 36(16):1541-50

Photoinactivation of serotonin uptake by an arylazido derivative of 5-hydroxytryptamine. Ransom RW, et al. **Mol Pharmacol** 1985 Aug;28(2):185-90

Ketanserin causes surmountable antagonism of 5-hydroxytryptamine-induced contractions of large coronary arteries of dog. Frenken M, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan; 328(3):301-3

A paradox: the 5-HT2-receptor antagonist ketanserin restores the 5-HT-induced contraction depressed by methysergide in large coronary arteries of calf. Allosteric regulation of 5-HT2-receptors. Kaumann AJ, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan; 328(3):295-300

Antihypertensive effects of chronic 5-hydroxytryptamine (5-HT2) receptor blockade with ketanserin in the spontaneously hypertensive rat. Pettersson A, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Aug; 327(1):43-7

Efflux of 3H-5-hydroxytryptamine from rat hypothalamic slices by continuous electrical stimulation: frequency-dependent responses to serotonergic antagonists and 5-hydroxytryptamine. Richards MH. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jun; 329(4):359-66

Saturable uptake of [3H]-tryptamine in rabbit platelets is inhibited by 5-hydroxytryptamine uptake blockers. Segonzac A, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Nov; 328(1):33-7

Panuramine, a selective inhibitor of uptake of 5-hydroxytryptamine in the brain of the rat. Blurton PA, et al. **Neuropharmacology** 1984 Sep;23(9):1049-52

Selective 5HT-2 antagonists inhibit serotonin stimulated phosphatidylinositol metabolism in cerebral cortex. Conn PJ, et al. **Neuropharmacology** 1984 Aug;23(8):993-6

Manipulations of 5-HT activity and memory in the rat. Lalonde R, et al. **Pharmacol Biochem Behav** 1985 Mar; 22(3):377-82

Serotonin antagonist pirenperone inhibits sexual behavior in the male rat: attenuation by quipazine. Mendelson SD, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):565-71

Influence of TR2515, a serotonin antagonist, on the electrical and behavioral effects induced by stimulation of the olivo-cerebellar system. Barragan LA, et al. **Proc West Pharmacol Soc** 1984;27:329-32

Mechanism of the antihypertensive effect of TR2515, a potent serotonin antagonist. Hong E, et al. **Proc West Pharmacol Soc** 1984;27:1-4

Changes in rat dopamine- and serotonin function in vivo after prolonged administration of the specific 5-HT uptake inhibitor, citalopram. Arnt J, et al. **Psychopharmacology (Berlin)** 1984;84(4):457-65

Effects of the two antidepressant drugs mianserin and indalpine on the serotonergic system: single-cell studies in the rat. Blier P, et al. **Psychopharmacology (Berlin)** 1984; 84(2):242-9

Low doses of the putative serotonin agonist 8-hydroxy-2-(di-n-propylamino) tetralin (8-OH-DPAT) elicit feeding in the rat. Dourish CT, et al. **Psychopharmacology (Berlin)** 1985;86(1-2):197-204

The role of histamine and serotonin in the inflammatory reaction in an experimental model of open wounds in the rat. Lundberg C, et al. **Scand J Plast Reconstr Surg** 1984; 18(2):175-80

Inhibition by ketanserin of serotonin induced cerebral arteriolar constriction. Thompson JA, et al. **Stroke** 1984 Nov-Dec;15(6):1021-4

[Endocrine and metabolic changes induced in surgery by the combination of ketanserin and alfentanyl] Carrasco MS, et al. **Agressologie** 1985 Jun;26(7):605-7 (Eng. Abstr.) **(Fre)**

[Role of serotonin and dopamine receptors in the mechanism of action of haloperidol and pirenperone] Malmets MO, et al. **Farmakol Toksikol** 1985 Mar-Apr;48(2):15-8 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

[Clinicopharmacologic aspects of the effects of serotonin and its blockade] Dzúrik R, et al. **Bratisl Lek Listy** 1985 Jan; 83(1):46-52 (Eng. Abstr.) **(Slo)**

THERAPEUTIC USE

The effect of serotonergic blockade in postpartum preeclamptic patients. Montenegro R, et al. **Am J Obstet Gynecol** 1985 Sep 15;153(2):130-4

Serotonin antagonists. Anthony M. **Aust NZ J Med** 1984 Dec;14(6):888-95 (41 ref.)

Effect of an oral serotonin antagonist, ketanserin, on plasma ACTH concentrations in Nelson's syndrome. Prescott RW, et al. **Br Med J [Clin Res]** 1984 Sep 29;289(6448):787-8

Endotoxin shock in the piglet: beneficial effects of serotonin antagonism. Schrauwen E, et al. **Br Vet J** 1985 Mar-Apr; 141(2):179-85

Effects on migraine headache of MDL 72,222, an antagonist at neuronal 5-HT receptors. Double-blind, placebo-controlled study. Loisy C, et al. **Cephalalgia** 1985 Jun;5(2):79-82

Treatment of arterial hypertension with ketanserin in mono- and combination therapy. Pettersson A, et al. **Clin Pharmacol Ther** 1985 Aug;38(2):188-94

Ketanserin in chronic sympathetic dystrophy. An acute controlled trial [letter] Bounameaux HM, et al. **Clin Rheumatol** 1984 Dec;3(4):556-7

Acute effects of antagonist of S2-receptors. Petkovská N, et al. **Czech Med** 1984;7(4):210-4

The use of antiserotonergic agents for the treatment of acute hemorrhagic shock of cats. Elam R, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):275-8

Ketanserin (5 HT2-antagonist) in secondary Raynaud's phenomenon [letter] Bounameaux HM, et al. **J Cardiovasc Pharmacol** 1984 Sep-Oct;6(5):975-6

Chronic effects of serotonin inhibition in hypertensive patients: hemodynamic and humoral findings. de Leeuw PW, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S137-9

Blood pressure, 5-OH indoleacetic acid, and vanilmandelic acid excretion and blood platelet aggregation in hypertensive patients treated with ketanserin. Dzúrik R, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S29-31

Hemodynamic response to chronic ketanserin treatment in essential hypertension. Fagard R, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S128-9

Study with the competitive 5-HT2-serotonergic antagonist ketanserin. Ferrara LA, et al. **J Cardiovasc Pharmacol** 1985; 7 Suppl 7:S159-60

Antihypertensive properties of ketanserin in combination with beta-adrenergic blocking agents. Hedner T, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S161-3

A comparative and long-term evaluation of ketanserin in the treatment of essential hypertension. Hedner T, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S148-53

Effect of ketanserin in primary aldosteronism. Mantero F, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S172-5

Ketanserin in the acute management of severe hypertension. Murphy BF, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S168-71

Clinical studies with ketanserin in hypertension. Waal-Manning HJ, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S154-8

Cardiovascular effects of ketanserin, a new antiserotonergic agent in the treatment of arterial hypertension. Ferrara LA, et al. **J Clin Pharmacol** 1985 Apr;25(3):187-92

Placebo-controlled double-blind trial of ketanserin in treatment of intermittent claudication. De Cree J, et al. **Lancet** 1984 Oct 6;2(8406):775-9

Effect of serotonin antagonism in schizophrenia: a pilot study with setoperone. Ceulemans DL, et al. **Psychopharmacology (Berlin)** 1985;85(3):329-32

[Open preliminary study of new antidepressive compound: citalopram] Ropert R, et al. **Encephale** 1984;10(3):131-4 (Eng. Abstr.) **(Fre)**

[Ketanserin in the treatment of ischemic disease of the lower extremities] Gerová Z, et al. **Cas Lek Cesk** 1985 Jul 26; 124(30):938-41 (Eng. Abstr.) **(Slo)**

TOXICITY

Neurotropic drugs and brain development: effects on cell replication in vivo and in vitro. Patel AJ. **Prog Clin Biol Res** 1985;163C:301-5

SEROTONIN BLOCKADERS see **SEROTONIN ANTAGONISTS**

SEROTONIN RECEPTORS see **RECEPTORS, SEROTONIN**

SEROTYPING

Comparison of sero-aeruginocine-phage typing of Pseudomonas aeruginosa. Rukmini Devi K, et al. **Indian J Pathol Microbiol** 1984 Oct;27(4):281-8

Haemophilus influenzae serotyping [letter] Ortega G, et al. **South Med J** 1984 Oct;77(10):1347, 1352

[Np6 antigenic detection of Neisseria meningitidis--noncapsular antigens (serotypes). III. Incidence of serotypes in strains of N. meningitidis isolated in Czechoslovakia between 1975 and 1982 from healthy carriers] Kuzemenská P. **Cesk Epidemiol Mikrobiol Imunol** 1984 Jul;33(4):221-7 (Eng. Abstr.) **(Cze)**

[Contribution of pneumococcal serotyping and antibiotyping to the prevention and treatment of pneumococcal infections (1980-1982). Pneumococcal typing and vaccination (1980-1982)] Rouhan D, et al. **Rev Epidemiol Sante Publique** 1984;32(6):352-9 (Eng. Abstr.) **(Fre)**

[Gonococcal surface antigens and their significance for serotyping and vaccines] Kohl PK, et al. **Hautarzt** 1985 Jun;36(6):320-5 (38 ref.) (Eng. Abstr.) **(Ger)**

[First isolation of Salmonella haardt and Salmonella ahuza serotypes in humans in Turkey] Tokbaş A, et al. **Mikrobiyol Bul** 1984 Jul;18(3):164 (Eng. Abstr.) **(Tur)**

METHODS

Rapid serotyping of infectious bronchitis virus isolates with the hemagglutination-inhibition test. King DJ, et al. **Avian Dis** 1984 Jul-Sep;28(3):727-33

Typing of herpes simplex virus isolates by different serologic & biologic methods. Satapathy G, et al. **Indian J Med Res** 1984 Aug;80:141-7

Enzyme-linked immunosorbent assay typing of California serogroup viruses isolated in Canada. Artsob H, et al. **J Clin Microbiol** 1984 Aug;20(2):276-80

Evaluation of the API latex conjugate reagent for serological typing of Salmonella and Shigella species. Cleary TJ. **J Clin Microbiol** 1984 Aug;20(2):288-9

Filter radioimmunoassay, a method for large-scale serotyping of Neisseria meningitidis. de Marie S, et al. **J Clin Microbiol** 1984 Aug;20(2):255-8

Identification and typing of herpes simplex virus by enzyme immunoassay with monoclonal antibodies. Frame B, et al. **J Clin Microbiol** 1984 Aug;20(2):162-6

Serological analysis of dermatophyte isolates with monoclonal antibodies produced against Microsporum canis. Polonelli L, et al. **J Clin Microbiol** 1985 Jan; 21(1):138-9

Specific enzyme-linked immunoassay for rotavirus serotypes 1 and 3. Shaw RD, et al. **J Clin Microbiol** 1985 Aug; 22(2):286-91

Comparison of latex agglutination and immunofluorescence for direct Lancefield grouping of streptococci from blood cultures. Shlaes DM, et al. **J Clin Microbiol** 1984 Aug; 20(2):195-8

Serotyping of pneumococci by polyvalent counterimmunoelectrophoresis [letter] Holliday MG. **J Hosp Infect** 1985 Mar;6(1):110-1

Typing of Candida albicans. Warnock DW. **J Hosp Infect** 1984 Sep;5(3):244-52 (30 ref.)

Silver staining of DNA restriction fragments for the rapid identification of adenovirus isolates: application during nosocomial outbreaks. Brown M, et al. **J Virol Methods** 1984 Oct;9(2):87-98

Latex agglutination text for O serogrouping of Klebsiella species. Fujita S, et al. **Microbiol Immunol** 1984;28(6):731-4

Serotype antigens of Neisseria meningitidis and a proposed scheme for designation of serotypes. Frasch CE, et al. **Rev Infect Dis** 1985 Jul-Aug;7(4):504-10 (42 ref.)

[Methods of increasing the efficiency of the serological grouping of Pseudomonas aeruginosa] Akatova NS, et al. **Lab Delo** 1984;(12):746-50 (Eng. Abstr.) **(Rus)**

[Experience in the development of a rapid system based on serial monoreceptor agglutinating sera] Boĭtsov AG, et al. **Lab Delo** 1984;(7):416-7 (Eng. Abstr.) **(Rus)**

VETERINARY

Serologic classification of two ovine adenovirus isolates from the central United States. Adair BM, et al. **Am J Vet Res** 1985 Apr;46(4):945-6

Serotyping of Haemophilus pleuropneumoniae by rapid slide agglutination and indirect fluorescent antibody tests in swine. Rapp VJ, et al. **Am J Vet Res** 1985 Jan;46(1):185-92

SEROUS MEMBRANE

CYTOLOGY

Histochemical methods for characterizing secretory and cell surface sialoglycoconjugates. Schulte BA, et al. **J Histochem Cytochem** 1985 May;33(5):427-38

Identification of the neutral glycosphingolipids of murine mast cells: expression of Forssman glycolipid by the serosal but not the bone marrow-derived subclass. Katz HR, et al. **J Immunol** 1985 Apr;134(4):2617-23

DRUG EFFECTS

Ca2+- and H+-dependent effects of crude bacterial phospholipase C on the hydroosmotic response of toad urinary bladder to serosal hypertonicity. Hardy MA. **Pflugers Arch** 1984 Oct;402(2):171-5

SURGERY

Gastric emptying after anterior lesser curve seromyotomy and posterior truncal vagotomy. Taylor TV, et al. **Br J Surg** 1985 Aug;7(8):620-2

SERRATIA

DRUG EFFECTS

Cross-resistance to nalidixic acid, trimethoprim, and chloramphenicol associated with alterations in outer membrane proteins of Klebsiella, Enterobacter, and Serratia. Gutmann L, et al. **J Infect Dis** 1985 Mar; 151(3):501-7

[Development of resistance to aminoglycosides in hospital strains of Serratia] Mendoza MC, et al. **Pathol Biol (Paris)** 1984 Sep;32(7):750-4 (Eng. Abstr.) **(Fre)**

ENZYMOLOGY

The acetylation of 6'-amino group of amikacin by a new enzyme prepared from serratia sp. Morohoshi T, et al. **J Antibiot (Tokyo)** 1984 Dec;37(12):1687-91

Serratia protease. Amino acid sequences of both termini, the 53 residues in the middle region containing the sole methionine residue, and a probable zinc-binding region. Lee IS, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1409-18

Assay of extracellular proteinases using a colorimetric collagen substrate for the differentiation of Serratia in the tribe Klebsielleae. Edberg SC, et al. **Med Microbiol Immunol (Berl)** 1985;174(3):115-8

ISOLATION & PURIFICATION

Bacterial contamination of blood transfusion: an unusual cause of sepsis. Jeppsson B, et al. **Acta Chir Scand** 1984; 150(6):489-91

Serratia: a problem in a neonatal nursery. Fitzgerald P, et al. **Aust Paediatr J** 1984 Aug;20(3):205-7

Serratia rubidaea isolated from a silastic foam dressing [letter] Hughes LE, et al. **Infection** 1985 Mar-Apr;13(2):90

Serratia rubidaea isolated from a silastic foam dressing. Parment PA, et al. **Infection** 1984 Jul-Aug;12(4):268-9

Isolation of Serratia plymuthica from a human burn site. Clark RB, et al. **J Clin Microbiol** 1985 Apr;21(4):656-7

PHYSIOLOGY

Secretion of an inhibitor of follicle-stimulating hormone binding to receptor by the bacteria Serratia, including a strain isolated from porcine follicular fluid. Sluss PM, et al. **Biol Reprod** 1984 Oct;31(3):520-30

SERRATIA MARCESCENS

[Serratia marcescens, a model for hospital infection] Minck R, et al. **Bull Acad Natl Med (Paris)** 1984 Mar-Apr; 168(3-4):330-5 (Eng. Abstr.) **(Fre)**

ANALYSIS

Purification and characterization of Serratia marcescens US5 pili. Kohno K, et al. **Infect Immun** 1984 Nov;46(2):295-300

CLASSIFICATION

Evidence for the dispersion and evolution of R-plasmids from Serratia marcescens in a hospital. Mendoza MC, et al. **J Hosp Infect** 1985 Jun;6(2):147-53

[Distribution of clinical isolates of Serratia marcescens by bacteriocin typing: a comparison of bacteriocin types between two distant university hospitals] Nasu M, et al. **Kansenshogaku Zasshi** 1984 Apr;58(4):312-7 (Eng. Abstr.) **(Jpn)**

DRUG EFFECTS

Influence of aminoglycoside usage on susceptibilities. Flournoy DJ. **Chemotherapy** 1985;31(3):178-80

Intraphagocytic bactericidal activity of bacterial DNA gyrase inhibitors against Serratia marcescens. Traub WH. **Chemotherapy** 1984;30(6):379-86

Incomplete cross-resistance of nalidixic and pipemidic acid-resistant variants of Serratia marcescens against ciprofloxacin, enoxacin, and norfloxacin. Traub WH. **Chemotherapy** 1985;31(1):34-9

Decreased susceptibility of Serratia marcescens to chlorhexidine related to the inner membrane. Lannigan R, et al. **J Antimicrob Chemother** 1985 May;15(5):559-65

Antimicrobial susceptibility of Serratia marcescens isolated from clinical materials. Igari J, et al. **Jpn J Antibiot** 1984 Sep;37(9):1625-30

[Serovar and antibiotic-sensitivity of Serratia marcescens isolated from urinary tract infections] Okuda T, et al. **Kansenshogaku Zasshi** 1984 Jun;58(6):483-90 (Eng. Abstr.) **(Jpn)**

ENZYMOLOGY

Correlation of aminoglycoside resistance with the KmS and Vmax/Km ratios of enzymatic modification of aminoglycosides by 2''-O-nucleotidyltransferase. DeHertogh DA, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):670-1

Differential effect of Serratia protease on platelet surface glycoproteins Ib and V. McGowan EB, et al. **Blood** 1985 Apr;65(4):1033-5

A serratial protease causes vascular permeability reaction by activation of the Hageman factor-dependent pathway in guinea pigs. Kamata R, et al. **Infect Immun** 1985 Jun; 48(3):747-53

Cell-bound and secreted proteases of Serratia marcescens. Schmitz G, et al. **J Bacteriol** 1985 Mar;161(3):1002-9

Pathogenesis of serratial infection: activation of the Hageman factor-prekallikrein cascade by serratial protease. Matsumoto K, et al. **J Biochem (Tokyo)** 1984 Sep; 96(3):739-49

Role of the zinc atom in the activity and conformational stability of serratial 56K protease. A fluorometric study. Matsumoto K, et al. **J Biochem (Tokyo)** 1984 Oct; 96(4):1165-73'

Study of anthranilate synthase function by replacement of cysteine 84 using site-directed mutagenesis. Paluh JL, et al. **J Biol Chem** 1985 Feb 10;260(3):1889-94

Properties of hybrid aspartate transcarbamoylase formed with native subunits from divergent bacteria. Shanley MS, et al. **J Biol Chem** 1984 Oct 25;259(20):12672-7

Proteolysis in milk: the significance of proteinases originating from milk leucocytes and a comparison of the action of leucocyte, bacterial and natural milk proteinases on casein. Grieve PA, et al. **J Dairy Res** 1985 Feb;52(1):101-12

GENETICS

Construction of Co1E1 RNA1 mutants and analysis of their function in vivo. Polisky B, et al. **Basic Life Sci** 1985; 30:321-33

Isolation of pigmented and nonpigmented mutants of Serratia marcescens with reduced cell surface hydrophobicity. Rosenberg M. **J Bacteriol** 1984 Oct;160(1):480-2

Isolation of a versatile Serratia marcescens mutant as a host and molecular cloning of the aspartase gene. Takagi T, et al. **J Bacteriol** 1985 Jan;161(1):1-6

Evidence for the transcript secondary structures predicted to regulate transcription attenuation in the trp operon. Kuroda MI, et al. **J Biol Chem** 1984 Oct 25; 259(20):12838-43

DNA sequence analysis of the Serratia marcescens ompA gene: implications for the organisation of an enterobacterial outer membrane protein. Braun G, et al. **MGG** 1984; 195(1-2):321-8

Isolation of a Serratia marcescens mutant which is an efficient recipient for the E. coli episome. Takata R, et al. **MGG** 1984;197(3):517-8

R-plasmids carried by nosocomial strains of Serratia marcescens: host range and stability. Mendez FJ, et al. **Microbiol Esp** 1984 Jan-Jun;37(1-2):1-8

IMMUNOLOGY

Hemolytic activity of Serratia marcescens. Braun V, et al. **Arch Microbiol** 1985 May;141(4):371-6

Structural studies of neutral polymers isolated from the lipopolysaccharides of Serratia marcescens O6 (strain C.D.C. 862-57) and O12 (C.D.C. 6320-58). Brigden CJ, et al. **Carbohydr Res** 1985 Jun 15;139:298-301

Structure of a neutral polymer isolated from the lipopolysaccharide of Serratia marcescens O1 (strain C.D.C. 866-57). Furn S, et al. **Carbohydr Res** 1985 Jun 15;139:293-7

Analysis of protective mechanisms against infection by Serratia marcescens. Okada K. **J Clin Lab Immunol** 1985 Apr;16(4):183-90

ISOLATION & PURIFICATION

Serratia marcescens contamination of antiseptic soap containing triclosan: implications for nosocomial infection. Barry MA, et al. **Infect Control** 1984 Sep;5(9):427-30

Outbreak of nosocomial urinary tract infections caused by Serratia marcescens. Okuda T, et al. **J Clin Microbiol** 1984 Oct;20(4):691-5

Simultaneous outbreaks of infection due to Serratia marcescens in a general hospital. Coleman D, et al. **J Hosp Infect** 1984 Sep;5(3):270-82

An 'outbreak' of pulmonary pseudoinfection by Serratia marcescens. Siegman-Igra Y, et al. **J Hosp Infect** 1985 Jun; 6(2):218-20

Nosocomial infections due to Serratia marcescens. Deodhar LP, et al. **J Postgrad Med** 1984 Apr;30(2):89-90

[Serratia-mastitis in cows as a herd problem] Isaksson A, et al. **Nord Vet Med** 1984 Nov-Dec;36(11):354-60 (Eng. Abstr.) **(Swe)**

METABOLISM

Availability of 6-hydroxynicotinic acid for rapid identification of Pseudomonas aeruginosa and Serratia marcescens. Shiraishi S, et al. **J Chromatogr** 1985 Feb 27; 338(1):51-9

Decrease in respiration activity related to prodigiosin synthesis in Serratia marcescens. Kobayashi N, et al. **Microbiol Immunol** 1985;29(4):301-8

[Chitinolytic system of Serratia marcescens] Chávez Camarillo GM, et al. **Rev Latinoam Microbiol** 1984 Jul-Sep; 26(3):203-15 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Proline-hyperproducing strains of Serratia marcescens: enhancement of proline analog-mediated growth inhibition by increasing osmotic stress. Sugiura M, et al. **Appl Environ Microbiol** 1985 Apr;49(4):782-6

SER-(T-BU)6-DES-GLY(10)-LH-RH ETHYLAMIDE see **BUSERELIN ACETATE**

SERTOLI CELL TUMOR

ETIOLOGY

[Testicular tumors in male pseudohermaphroditism] Bobokhidze NV, et al. **Probl Endokrinol (Mosk)** 1984 Nov-Dec;30(6):28-34 (Eng. Abstr.) **(Rus)**

METABOLISM

AFP-producing Sertoli-Leydig cell tumor of the ovary. Sekiya S, et al. **Arch Gynecol** 1985;236(3):187-96

Sertoli-Leydig cell tumor of the ovary producing alpha-fetoprotein. Chumas JC, et al. **Int J Gynecol Pathol** 1984;3(2):213-9

PATHOLOGY

A testicular tumor resembling the sex cord with annular tubules in a case of the androgen insensitivity syndrome. Ramaswamy G, et al. **Cancer** 1985 Apr 1;55(7):1607-11

Retiform differentiation in ovarian Sertoli-Leydig cell tumors. A clinicopathologic study of six cases from a Gynecologic Oncology Group study. Roth LM, et al. **Cancer** 1985 Mar 1;55(5):1093-8

Large cell calcifying Sertoli tumor of the testis. Light microscopic and ultrastructural study. Waxman M, et al. **Cancer** 1984 Oct 15;54(8):1574-81

Estrogen-producing Sertoli cell tumor of the ovary--a case report. Shalev E, et al. **Gynecol Oncol** 1984 Nov; 19(3):348-54

Sertoli-Leydig cell tumor of the ovary [letter] Talerman A, et al. **Int J Gynecol Pathol** 1985;4(2):171-2

Well-differentiated ovarian Sertoli-Leydig cell tumors: a clinicopathological analysis of 23 cases. Young RH, et al. **Int J Gynecol Pathol** 1984;3(3):277-90

Malignant Sertoli cell tumor of testicle. Godec CJ. **Urology** 1985 Aug;26(2):185-8

Testicular gonadal stromal (Sertoli cell) tumor. Okoye MI, et al. **Urology** 1985 Feb;25(2):184-6

[Malignant Sertoli cell tumor of the testis] Kozyreff P, et al. **Acta Urol Belg** 1984;52(3):474-82 (Eng. Abstr.) **(Fre)**

[Histologic variations of testicular androblastoma: mixed gonadal stromal tumors (sertolioma/thecoma) and a giant cell calcifying sertolioma] Martinazzi M, et al. **Pathologica** 1984 May-Jun;76(1043):377-82 (Eng. Abstr.) **(Ita)**

[A case of Sertoli cell tumor of the testis with prostatic cancer] Watanabe Y, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jul;75(7):1161-7 (Eng. Abstr.) **(Jpn)**

SECRETION

Arrested puberty associated with a Sertoli-Leydig cell tumor. Kelly AC, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):308-9

Progesterone secreting Sertoli cell tumor of the ovary. Tracy SL, et al. **Gynecol Oncol** 1985 Sep;22(1):85-96

SERTOLI CELLS

Impaired Leydig cell function in vitro in testicular tissue from human males with 'Sertoli cell only' syndrome. Hammar M, et al. **Andrologia** 1985 Jan-Feb;17(1):37-41

Sertoli cell only syndrome and normal gonadotropins [letter] Guay AT. **Fertil Steril** 1985 Apr;43(4):671

ANALYSIS

Nuclear testicular 1,25-dihydroxyvitamin D3 receptors in Sertoli cells and seminiferous tubules of adult rodents. Merke J, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):303-9

Identification of a spectrin-like protein in Sertoli cells. Borland K, et al. **Biol Reprod** 1985 Jun;32(5):1143-56

Identification of androgen-binding protein from testis cytosol and sertoli cell culture medium of the cynomolgus monkey, Macaca fascicularis. Keeping HS, et al. **Endocrinology** 1985 Oct;117(4):1521-9

Rapid method for quantitation of androgen binding protein in Sertoli cell cultures and its use for measurement of binding kinetics. Johnson AR, et al. **J Steroid Biochem** 1985 Jan;22(1):9-14

CYTOLOGY

Effect of substrate on the shape of Sertoli cells in vitro. Suárez-Quian CA, et al. **Ann NY Acad Sci** 1984;438:417-34

Quantification of the human Sertoli cell population: its distribution, relation to germ cell numbers, and age-related decline. Johnson L, et al. **Biol Reprod** 1984 Nov; 31(4):785-95

The role of follicle-stimulating hormone in controlling Sertoli cell proliferation in testes of fetal rats. Orth JM. **Endocrinology** 1984 Oct;115(4):1248-55

Adhesiveness of mouse primordial germ cells to follicular and Sertoli cell monolayers. De Felici M, et al. **J Embryol Exp Morphol** 1985 Jun;87:87-97

Dissociation between testicular organogenesis and endocrine cytodifferentiation of Sertoli cells. Magre S, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7831-4

DRUG EFFECTS

Morphological and biochemical effects of lonidamine on cultured Sertoli cells. Galdieri M, et al. **Exp Mol Pathol** 1984 Oct;41(2):202-6

FSH stimulation of cytosolic protein synthesis in cultured pig Sertoli cells. Perrard MH, et al. **J Steroid Biochem** 1985 Feb;22(2):281-4

Comparison of the effects of insulin and follitropin on glucose metabolism by Sertoli cells from immature rats. Oonk RB, et al. **Mol Cell Endocrinol** 1985 Aug;42(1):39-48

Rat Sertoli cells acquire a beta-adrenergic response during primary culture. Kierszenbaum AL, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2049-53

The effect of 2-methoxyethanol and methoxyacetic acid on Sertoli cell lactate production and protein synthesis in vitro. Beattie PJ, et al. **Toxicol Appl Pharmacol** 1984 Oct; 76(1):56-61

[Effect of different doses of water-soluble retinoic acid on the lipid and 3-beta-ol steroid dehydrogenase concentration in the interstitial tissue and supporting cells of the testes of mice] Kotovskiĭ EF, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):247-9 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Seasonal changes in the activity of phosphatases in Sertoli cells of the frog Rana temporaria. Haider SG, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:145-9

Selected enzyme histochemistry of Sertoli cells. 1. Immature rat Sertoli cells in vitro. Cameron DF, et al. **Andrologia** 1985 Jan-Feb;17(1):64-71

Selected enzyme histochemistry of Sertoli cells. 2. Adult rat Sertoli cells in co-culture with peritubular fibroblasts. Cameron DF, et al. **Andrologia** 1985 Mar-Apr;17(2):185-93

Studies on the mechanism of follicle-stimulating hormone-induced desensitization of Sertoli cell adenylyl cyclase in vitro. Le Gac F, et al. **Biol Reprod** 1985 May; 32(4):916-24

Cellular localization of rat testicular aromatase activity during development. Tsai-Morris CH, et al. **Endocrinology** 1985 Jan;116(1):38-46

METABOLISM

Modulation of gonadotropin secretion by Sertoli cell inhibin, LHRH, and sex steroids. Massicotte J, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):E495-504

Control of transferrin mRNA synthesis in Sertoli cells. Huggenvik J, et al. **Ann NY Acad Sci** 1984;438:1-7

Influence of follicle-stimulating hormone on glucose transport by cultured Sertoli cells. Hall PF, et al. **Biol Reprod** 1984 Dec;31(5):863-9

A sulfated glycoprotein synthesized by Sertoli cells and by epididymal cells is a component of the sperm membrane. Sylvester SR, et al. **Biol Reprod** 1984 Dec;31(5):1087-101

Morphological evidence for calcium stores at Sertoli-Sertoli and Sertoli-spermatid interrelations. Franchi E, et al. **Cell Biol Int Rep** 1985 May;9(5):441-6

Pyruvate and lactate production by cultured Sertoli cells, fibroblasts and muscle satellite cells, and the effect of hormonal and dcAMP stimulation. Vivarelli E, et al. **Cell Biol Int Rep** 1984 Sep;8(9):739-46

Effects of adenosine analogs on glucagon-stimulated adenosine 3',5'-monophosphate formation in Sertoli cell cultures from immature rats. Eikvar L, et al. **Endocrinology** 1985 Aug;117(2):488-91

The influence of temperature on the functions of cultured Sertoli cells. Hall PF, et al. **Endocrinology** 1985 May; 116(5):1926-32

The influence of insulin and insulin-like growth factor-I on hexose transport by Sertoli cells. Mita M, et al. **Endocrinology** 1985 Mar;116(3):987-92

Purine modulation of the hormonal response of the rat Sertoli cell in culture. Monaco L, et al. **Endocrinology** 1984 Oct; 115(4):1616-24

Pituitary binding of 3H-labeled Sertoli cell factor in vitro: a potential radioreceptor assay for inhibin. Seethalakshmi L, et al. **Endocrinology** 1984 Oct;115(4):1289-94

Cooperativity between Sertoli cells and testicular peritubular cells in the production and deposition of extracellular matrix components. Skinner MK, et al. **J Cell Biol** 1985 Jun;100(6):1941-7

Arrangement and possible function of actin filament bundles in ectoplasmic specializations of ground squirrel Sertoli cells. Vogl AW, et al. **J Cell Biol** 1985 Mar;100(3):814-25

Metabolism of palmitate in cultured rat Sertoli cells. Jutte NH, et al. **J Reprod Fertil** 1985 Mar;73(2):497-503

A filter disc assay for the measurement and characterization of androgen-binding protein in unconcentrated media from Sertoli cell-enriched cultures. Cailleau J, et al. **J Steroid Biochem** 1984 Dec;21(6):691-6

Relative cellular distribution of particulate androgen binding between Sertoli and germ cells in rat testis. Cigorraga S, et al. **J Steroid Biochem** 1984 Aug;21(2):169-72

Glucagon-stimulated cyclic AMP production and formation of estradiol in Sertoli cell cultures from immature rats. Eikvar L, et al. **Mol Cell Endocrinol** 1985 Feb;39(2):107-13

Androgen stimulation of Sertoli cell function is enhanced by peritubular cells. Skinner MK, et al. **Mol Cell Endocrinol** 1985 May;40(2-3):115-22

Metabolism of (3H) 5 alpha-androstane-3 alpha, 17 beta-diol by cultures of isolated rat sertoli cells and the effect of LH and FSH. Tcholakian RK, et al. **Steroids** 1984 Apr; 43(4):457-67

PATHOLOGY

Testicular morphology and cell proliferation kinetics of immature germ cells and Sertoli cells in suckling undernourished rats. Bansal-Rajbanshi M, et al. **Cell Tissue Kinet** 1985 Mar;18(2):183-91

PHYSIOLOGY

Cultured Sertoli cell-mediated FSH stimulatory effect on Leydig cell steroidogenesis. Benahmed M, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):E176-81

Effect of purified and cell-produced extracellular matrix components on Sertoli cell function. Mather JP, et al. **Ann NY Acad Sci** 1984;438:572-5

Interactions between immature porcine Leydig and Sertoli cells in vitro. An ultrastructural and biochemical study. Tabone E, et al. **Cell Tissue Res** 1984;237(2):357-62

Stimulatory effect of Sertoli cell culture medium on the FSH release by pituitary halves in vitro. Janecki A, et al. **Horm Metab Res** 1984 Nov;16(11):581-4

Early signs of Sertoli and Leydig cell dysfunction in the abdominal testes of immature unilaterally cryptorchid rats. Bergh A, et al. **Int J Androl** 1984 Oct;7(5):398-408

Changes in testicular function induced by short-term exposure of the rat testis to heat: further evidence for interaction of germ cells, Sertoli cells and Leydig cells. Jégou B, et al. **Int J Androl** 1984 Jun;7(3):244-57

Sertoli cell junctions: morphological and functional correlates. Russell LD, et al. **Int Rev Cytol** 1985;94:177-211 (137 ref.)

Protein synthesis by isolated pachytene spermatocytes in the absence of Sertoli cells. Jutte NH, et al. **J Exp Zool** 1985 Feb;233(2):285-90

The functional maturation of the Sertoli cell and Leydig cell in the mammalian testis. Waites GM, et al. **J Reprod Fertil** 1985 Sep;75(1):317-26 (84 ref.)

Testicular peritubular cells secrete a protein under androgen control that modulates Sertoli cell functions. Skinner MK, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):114-8

SECRETION

Secretion of androgen binding protein by Sertoli cells is influenced by contact with germ cells. Galdieri M, et al. **J Androl** 1984 Nov-Dec;5(6):409-15

Regulation of transferrin secretion by human Sertoli cells cultured in the presence or absence of human peritubular cells. Holmes SD, et al. **J Clin Endocrinol Metab** 1984 Dec; 59(6):1058-62

A factor in spent media from Sertoli-cell-enriched cultures that stimulates steroidogenesis in Leydig cells. Verhoeven G, et al. **Mol Cell Endocrinol** 1985 Apr;40(1):57-68

ULTRASTRUCTURE

Sertoli cells and Leydig cells in man. Schulze C. **Adv Anat Embryol Cell Biol** 1984;88:1-104 (287 ref.)

Ultrastructure of Sertoli-cell penetrating processes found in germ cells of the golden-mantled ground squirrel (spermophilus lateralis). Vogl AW, et al. **Am J Anat** 1985 Jan;172(1):75-86

Further observations on the microfilament bundles of Sertoli cell junctional complexes. Suárez-Quian CA, et al. **Ann NY Acad Sci** 1984;438:476-80

Cooperativity between Sertoli cells and peritubular myoid cells in the formation of the basal lamina in the seminiferous tubule. Tung PS, et al. **Ann NY Acad Sci** 1984;438:435-46

The formation of annulate lamellae in the human Sertoli cell. Paniagua R, et al. **Arch Androl** 1984;13(1):9-14

Isolation and characterization of Sertoli cell plasma membranes and associated plasminogen activator activity. Marzowski J, et al. **Biol Reprod** 1985 Jun;32(5):1237-45

Sertoli cell development of pig testis in the fetal and neonatal period. van Vorstenbosch CJ, et al. **Biol Reprod** 1984 Oct; 31(3):565-77

A unique case of Sertoli cell only syndrome with normal gonadotropins. Bibro MC, et al. **Fertil Steril** 1984 Oct; 42(4):655-8

Structure and biochemistry of the Sertoli cell. Tindall DJ, et al. **Int Rev Cytol** 1985;94:127-49 (117 ref.)

Evidence that a Ca2+ chelator and a calmodulin blocker interfere with the structure of inter-Sertoli junctions. Franchi E, et al. **Tissue Cell** 1985;17(1):13-25

SERUM ALBUMIN

Kinetic studies on the reduction of iron(III)deuteroporphyrin--human serum albumin complex with dithionite ion. Chu AH, et al. **Arch Biochem Biophys** 1984 Oct;234(1):129-37

Kinetic study of the photochemical changes of (ZZ)-bilirubin IX alpha bound to human serum albumin. Demonstration of (EZ)-bilirubin IX alpha as an intermediate in photochemical changes from (ZZ)-bilirubin IX alpha to (EZ)-cyclobilirubin IX alpha. Itoh S, et al. **Biochem J** 1985 Feb 15;226(1):251-8

Relations between high-affinity binding sites of markers for binding regions on human serum albumin. Kragh-Hansen U. **Biochem J** 1985 Feb 1;225(3):629-38

The molecular abnormality of albumin Parklands: 365 Asp----His. Brennan SO. **Biochim Biophys Acta** 1985 Aug 23;830(3):320-4

Interaction of antithrombin III with preadsorbed albumin-heparin conjugates. Hennink WE, et al. **Biomaterials** 1984 Sep;5(5):264-8

Tryptophan content of serum albumin. Kaldy MS, et al. **Comp Biochem Physiol [B]** 1985;80(4):743-5

Homology between the human vitamin D-binding protein (group specific component), alpha-fetoprotein and serum albumin. Schoentgen F, et al. **FEBS Lett** 1985 Jun 3; 185(1):47-50

Changes in serum albumin hydration at thermoinduced structural transitions in solutions differing in viscosity. Käiväräinen AI, et al. **Folia Biol (Praha)** 1984;30(4):221-30

Preparation of carbon-11 labelled albumin microspheres for human clinical use. Brady F, et al. **Int J Appl Radiat Isot** 1984 Oct;35(10):983-4

Polymerized soluble venom--human serum albumin. Patterson R, et al. **J Allergy Clin Immunol** 1985 Mar; 75(3):382-7

Rotavirus-specific antibodies in fetal bovine serum and commercial preparations of serum albumin. Offit PA, et al. **J Clin Microbiol** 1984 Aug;20(2):266-70

Photochemical-like destruction of tryptophan in serum albumins induced by enzyme-generated triplet species. Rivas EI, et al. **Photochem Photobiol** 1984 Nov;40(5):565-8

Surface pressure hysteresis of mixed lipid/protein monolayers: applications to the alveolar dynamics. Mutafchieva R, et al. **Z Naturforsch [C]** 1984 Sep-Oct; 39(9-10):965-72

[Study of the effect of the microenvironment on magnetic resonance parameters of spin-labeled human serum albumin in a 2-mm ESR range] Krinichnyĭ VI, et al. **Biofizika** 1985 Mar-Apr;30(2):216-9 (Eng. Abstr.) **(Rus)**

[Role of Ca2+ and Co2+-dependent protein conformation of blood in the regulation of its osmolarity in rats] Natochin IuV, et al. **Dokl Akad Nauk SSSR** 1985 May-Jun; 282(1):236-9 **(Rus)**

[The effect of the medium on the functional and structural properties of serum albumins. III. Relation between the N-F1-, F1-F2- and F2-E transitions of human serum albumin and temperature and ionic strength] Niamaa D, et al. **Mol Biol (Mosk)** 1985 May-Jun;19(3):833-40 (Eng. Abstr.) **(Rus)**

[Changes in the secondary and tertiary structure of serum albumin in interactions with ligands of various structures] Trinus FP, et al. **Vopr Med Khim** 1984 Jul-Aug;30(4):48-50 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Effect of aerosol challenge on a population of free lung cells in parenterally immunised calves. Taylor FG, et al. **Res Vet Sci** 1985 Mar;38(2):243-5

[Albumin. Indications and applications] Nydegger U, et al. **Ther Umsch** 1984 Aug;41(8):565-70 (Eng. Abstr.) **(Ger)**

ANALYSIS

Immunohistochemical localization of extravasated serum albumin in the hippocampus of human subjects with partial and generalized epilepsies and epileptiform convulsions. Mihály A, et al. **Acta Neuropathol (Berl)** 1984;65(1):25-34

Glycosylated albumin and serum protein in diabetic dogs. Mahaffey EA, et al. **Am J Vet Res** 1984 Oct;45(10):2126-8

The significance of hypoalbuminemia following injury and infection. Dahn MS, et al. **Am Surg** 1985 Jun;51(6):340-3

Controlled-dispersion flow analysis in clinical chemistry: determination of albumin, triglycerides and theophylline. Rocks BF, et al. **Analyst** 1984 Jul;109(7):847-50

Effect of heparin on determination of plasma albumin by Beckman Astra 8 (BCG) and Du Pont ACA II (BCP) autoanalysers. Hardy MJ, et al. **Ann Clin Biochem** 1984 Sep;21 (Pt 5):387-8

Affinity chromatography: a precise method for glycosylated albumin estimation. John WG, et al. **Ann Clin Biochem** 1985 Jan;22 (Pt 1):79-83

Albumin analysis in serum of haemodialysis patients: discrepancies between bromocresol purple, bromocresol green and electroimmunoassay. Wells FE, et al. **Ann Clin Biochem** 1985 May;22 (Pt 3):304-9

Sequential changes in circulating total protein and albumin masses after abdominal vascular surgery. Nielsen OM. **Ann Surg** 1985 Aug;202(2):231-4

Serum albumin as a predictor of course and outcome on a rehabilitation service. Glenn MB, et al. **Arch Phys Med Rehabil** 1985 May;66(5):294-7

Correlation between serum ionised calcium and serum albumin concentrations in two hospital populations. Butler SJ, et al. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):948-50

Serum albumin in Hodgkin's disease. Gobbi PG, et al. **Cancer** 1985 Jan 15;55(2):389-93

Hyperlipoproteinemia with albumin-lipid complex: a novel type of hyperlipoproteinemia associated with insulin-resistant diabetes mellitus. Habbal ZM, et al. **Clin Chem** 1985 Mar;31(3):371-6

Bichromatic blanking in the bromcresol purple method for albumin in serum and plasma [letter] Maguire GA. **Clin Chem** 1984 Nov;30(11):1886-7

Simpler measurement of albumin in urine or plasma [letter] Puri A, et al. **Clin Chem** 1985 Jul;31(7):1241-2

Aminophenylboronic acid affinity chromatography and thiobarbituric acid colorimetry compared for measuring glycated albumin. Rendell M, et al. **Clin Chem** 1985 Feb; 31(2):229-34

Dye-binding and electrophoretic techniques compared for albumin assay in hypoalbuminemic sera [letter] Turley CP, et al. **Clin Chem** 1985 Feb;31(2):336-7

Improvement of a commercial affinity chromatography method for determining glycated albumin [letter] Zoppi F, et al. **Clin Chem** 1985 Jul;31(7):1238-9

Highly selective one-step chromatography of serum and urinary albumin on immobilized Cibacron Blue F3GA. Studies on normal and glycosyl albumin. Ghiggeri GM, et al. **Clin Chim Acta** 1985 Jan 30;145(2):205-11

Fluorometric measurement of glycosylated albumin in human serum. Hayashi Y, et al. **Clin Chim Acta** 1985 Jun 30; 149(1):13-9

Automated stopped-flow analyser in clinical chemistry: determination of albumin with bromcresol green and purple. Koupparis MA, et al. **Clin Chim Acta** 1985 Jul 15; 149(2-3):225-35

Polymeric complexes and fragments of albumin in normal human plasma. Kshirsagar B, et al. **Clin Chim Acta** 1984 Nov 30;143(3):265-73

A new and distinctive albumin variant with increased affinities for both triiodothyronines and causing hyperthyroxinaemia. Lalloz MR, et al. **Clin Endocrinol (Oxf)** 1985 Apr;22(4):521-9

The distribution of serum albumin in the rat testis, studied by electron microscope immunocytochemistry on ultrathin frozen sections. Christensen AK, et al. **Endocrinology** 1985 May;116(5):1983-96

Pattern of albumin, immunoglobulins, and glucose in cerebrospinal fluid and serum of patients with disorders of the central nervous system. Osenbrück M, et al. **Eur Neurol** 1985;24(1):16-22

Human tissue-type plasminogen activator is related to albumin and alpha-fetoprotein. Baker ME. **FEBS Lett** 1985 Mar 11;182(1):47-52

Localization of the amino acid substitution site in a fast migrating variant of human serum albumin. Iadarola P, et al. **FEBS Lett** 1985 Jan 21;180(1):85-8

Fetal growth: relationship with maternal anthropometry, hemoglobin and serum albumin status. Bhatia BD, et al. **Indian J Pediatr** 1984 May-Jun;51(410):287-93

HPLC-studies on nonmercapt-mercapt conversion of human serum albumin. Sogami M, et al. **Int J Pept Protein Res** 1985 Apr;25(4):398-402

Platelet tropomyosin binding protein is identical with serum albumin. Hitchcock-DeGregori SE, et al. **J Biol Chem** 1985 Mar 10;260(5):3228-31

Separation of cyanogen bromide fragments from normal and abnormal human serum albumin by reversed-phase high-performance liquid chromatography. Iadarola P, et al. **J Chromatogr** 1984 Aug 24;298(2):336-44

Is the ratio of total cholesterol to albumin useful as a predictor for the risk of coronary heart disease? [letter] Mulder C, et al. **J Clin Pathol** 1985 Aug;38(8):961-2

Local immunoglobulin synthesis in juvenile periodontitis: initial findings. Mason JD, et al. **J Dent Res** 1984 Oct; 63(10):1211-3

Use of aminophenylboronic acid affinity chromatography to measure glycosylated albumin levels. Rendell M, et al. **J Lab Clin Med** 1985 Jan;105(1):63-9

Secretion of polyalbumin receptors in vitro. Gilja BK, et al. **J Med Virol** 1985 Apr;15(4):335-41

The energetics of the interaction of piroxicam with plasma albumin. Oyekan AO, et al. **J Pharm Pharmacol** 1984 Dec;36(12):831-4

Visceral protein increase associated with interrupt versus continuous enteral hyperalimentation. Pinchcofsky-Devin GD, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul-Aug;9(4):474-6

The hyperlipidemia of the nephrotic syndrome. Relation to plasma albumin concentration, oncotic pressure, and viscosity. Appel GB, et al. **N Engl J Med** 1985 Jun 13;312(24):1544-8

Aluminum contamination of albumin-replacement solutions [letter] Loeliger EA, et al. **N Engl J Med** 1985 May 23;312(21):1389-90

Inadvertent aluminum administration during plasma exchange due to aluminum contamination of albumin-replacement solutions. Milliner DS, et al. **N Engl J Med** 1985 Jan 17;312(3):165-7

Sirenian molecular systematics--including the extinct Steller's sea cow (Hydrodamalis gigas). Rainey WE, et al. **Naturwissenschaften** 1984 Nov;71(11):586-8

Impact of Nippostrongylus brasiliensis (Nematoda) on the serum albumin and amino acid concentrations of rats fed adequate or protein-deficient diets. Ash C, et al. **Parasitology** 1985 Feb;90 (Pt 1):157-68

Glycosylated albumin and glycosylated proteins: rapidly changing indices of glycaemia in diabetic pregnancy. Leiper JM, et al. **Q J Med** 1985 Jun;55(218):225-31

Serum protein changes in Swiss albino mice after whole body gamma-irradiation. Malhotra N. **Radiobiol Radiother (Berl)** 1984;25(5):699-701

Acquired bisalbuminemia in pancreatitis. Demonstration of a proteolytic process in ten patients. Renversez JC, et al. **Ric Clin Lab** 1984 Jul-Sep;14(3):417-23

Platelet specific proteins in plasma protein fraction and human albumin [letter] Kent JP, et al. **Thromb Haemost** 1984 Jul 29;51(3):406

Immunocytochemical localization of albumin and factor XIII in thin cryo sections of human blood platelets. Sixma JJ, et al. **Thromb Haemost** 1984 Jul 29;51(3):388-91

[Bisalbuminemia. Review and observations on the acquired form in a patient with myeloma] Pola V, et al. **Vnitr Lek** 1984 Aug;30(8):813-21 (37 ref.) (Eng. Abstr.) **(Cze)**

[The first Tunisián case of familial bisalbuminemia] Mebazaa A, et al. **Tunis Med** 1984 Sep;62(5):377-80 (Eng. Abstr.) **(Fre)**

[Bisalbuminemia. Critical review and report of a case of an acquired form in a myeloma patient] Pola V, et al. **Folia Haematol (Leipz)** 1985;112(1):208-18 (61 ref.) (Eng. Abstr.) **(Ger)**

[Modification of automated total protein determination and albumin determination using the flow principle] Reissner J. **Z Med Lab Diagn** 1984;25(7):403-5 **(Ger)**

[Determination of glycosylated albumin in controls and in diabetics by affinity chromatography with phenylboronic acid] Signorini AM, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1347-53 (Eng. Abstr.) **(Ita)**

[Rapid determination of total blood proteins and serum albumin using automatic instrumentation] Ferrari G, et al. **Quad Sclavo Diagn** 1984 Jun;20(2):155-62 (Eng. Abstr.) **(Ita)**

[The variability of plasma protein binding of phenytoin in epileptic patients with hypoalbuminemia] Mamada K, et al. **Yakugaku Zasshi** 1985 May;105(5):475-80 (Eng. Abstr.) **(Jpn)**

[Nonspecific admixtures in placental albumin preparations] Migunov VN, et al. **Gematol Transfuziol** 1984 Nov;29(11):50-5 **(Rus)**

[Transient minor fractions of human serum albumin: physico-chemical properties] Azhitskiĭ GIu, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):50-5 (Eng. Abstr.) **(Rus)**

[Testosterone, albumin and sex steroid-binding globulin in the blood serum of patients with laryngeal cancer] Kushlinskiĭ NE, et al. **Vopr Onkol** 1985;31(8):36-41 (Eng. Abstr.) **(Rus)**

[Blood components in renal calculi composed of organic material] Traba ML, et al. **Arch Esp Urol** 1985 Jan-Feb;38(1):73-7 (Eng. Abstr.) **(Spa)**

[Usefulness of acute phase reactants and albumin in the diagnosis of Crohn disease] Rodriguez S, et al. **Rev Esp Enferm Apar Dig** 1985 May;67(5):416-8 (Eng. Abstr.) **(Spa)**

BIOSYNTHESIS

Lipoprotein synthesis and secretion by cultured rat hepatocytes. Parallel inhibition of secretion of VLDL, HDL and albumin by monensin. Melin B, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):574-88

BLOOD

Polymerized human serum albumin binding activity of sera from patients with various liver disorders (studied by a passive hemagglutination test). Claustres M, et al. **Biomed Pharmacother** 1985;39(2):100-2

Measurement of intrathecal I131-albumin transport to plasma. Inability to distinguish cerebral atrophy from communicating hydrocephalus. Siegel BA, et al. **Neurology** 1974 Jun;24(6):501-3

DEFICIENCY

Hypoalbuminemia, diarrhea, and the acquired immunodeficiency syndrome [letter] Brinson RR. **Ann Intern Med** 1985 Mar;102(3):413

Distribution of protein-bound zinc in serum of analbuminemic rat. Shiraishi N, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):45-51

Transhepatic transport of taurocholic acid in normal and mutant analbuminemic rats. Inoue M, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):211-6

Thyroid-function indices in an analbuminemic subject being treated with thyroxin for hypothyroidism [letter] Platt HS, et al. **Clin Chem** 1985 Feb;31(2):341-2

Study of a mechanism responsible for anomalous results for free thyroxin by some analog assays for subjects with albumin deficiency. Wilke TJ. **Clin Chem** 1984 Nov;30(11):1742-5

Metabolism and transport of amphipathic molecules in analbuminemic rats and human subjects. Inoue M. **Hepatology** 1985 Sep-Oct;5(5):892-8 (86 ref.)

Hypoalbuminemia-related platelet hypersensitivity in two dogs with nephrotic syndrome. Green RA, et al. **J Am Vet Med Assoc** 1985 Mar 1;186(5):485-8

Bile acid profiles in analbuminemia rats. Takikawa H, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):199-203

Disposition of salicylic acid in analbuminemic rats. Hirate J, et al. **J Pharmacobiodyn** 1984 Dec;7(12):929-34

Anemia and potassium permeability of red blood cells in analbuminemic rats. Sugiyama K, et al. **Jikken Dobutsu** 1984 Jul;33(3):307-18

Significance of hypoalbuminemia in pediatric oncology patients--malnutrition or infection? Merritt RJ, et al. **JPEN J Parenter Enteral Nutr** 1985 May-Jun;9(3):303-6

Analbuminaemia. Clinical and laboratory features in a South African patient. Berger GM, et al. **S Afr Med J** 1985 Mar 16;67(11):418-22

[A case of congenital analbuminemia] Belokrinitskaia OA, et al. **Klin Med (Mosk)** 1985 Jun;63(6):119-21 **(Rus)**

DIAGNOSTIC USE

The relationship between the pulmonary distribution of inhaled fine aerosols and tests of small airway function. Emmett PC, et al. **Bull Eur Physiopathol Respir** 1984 Jul-Aug;20(4):325-32

GENETICS

Bilirubin binding by variant albumins in Yanomama Indians. Lorey FW, et al. **Am J Hum Genet** 1984 Sep;36(5):1112-20

Insulin mediates the asynchronous accumulation of hepatic albumin and malic enzyme messenger RNAs. Drake RL, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):317-24

Methylation of the serum albumin gene as compared to the Kirsten-ras oncogene in hepatocytes and non-parenchymal cells of rat liver. Vorce RL, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):879-83

Structural basis for restriction-site polymorphism at the albumin locus in inbred strains of rats. Gal A, et al. **Biochem Genet** 1985 Apr;23(3-4):257-66

Changes in the sequence content of albumin mRNA and in its translational activity in the rat liver with age. Horbach GJ, et al. **Biochim Biophys Acta** 1984 Oct 5;783(1):60-6

Albumin extinction followed by de novo methylation of its gene in somatic hybrids of a rat hepatoma. Sperling L, et al. **Biochimie** 1984 Nov-Dec;66(11-12):701-9

Comparative chromosomal mapping of the owl monkey serum albumin gene. Ma NS, et al. **Cytogenet Cell Genet** 1984;38(4):272-7

Chromogenic immunodetection of human serum albumin and alpha-L-fucosidase clones in a human hepatoma cDNA expression library. de Wet JR, et al. **DNA** 1984 Dec;3(6):437-47

Tissue-specific expression is conferred by a sequence from the 5' end of the rat albumin gene. Ott MO, et al. **EMBO J** 1984 Nov;3(11):2505-10

Tandem arrangement of the albumin and alpha-fetoprotein genes in the human genome. Urano Y, et al. **Gene** 1984 Dec;32(3):255-61

A comparative study of albumin variants found in Brazil. Helena M, et al. **Hum Hered** 1985;35(1):34-8

Interaction of secretory protein precursors with phospholipids in liposomes. Nanba S, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1133-42

Inheritance of Equus asinus serum albumin variants in hybrid offspring. Bowling AT, et al. **J Hered** 1985 Jan-Feb;76(1):73-4

Activation of a silent gene is accompanied by its demethylation. Sellem CH, et al. **J Mol Biol** 1985 Feb 5;181(3):363-71

Developmental and nutritional regulation of the messenger RNAs for fatty acid synthase, malic enzyme and albumin in the livers of embryonic and newly-hatched chicks. Morris SM Jr, et al. **Mol Cell Biochem** 1984 Sep;64(1):63-8

Developmental regulation of albumin and alpha-fetoprotein gene expression in the rat. Muglia L, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6751-62

Expression of the mouse serum albumin gene introduced into differentiated and dedifferentiated rat hepatoma cells. Deschatrette J, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):765-9

[Alloalbuminemia. Description of a case] Cutrupi V, et al. **Quad Sclavo Diagn** 1984 Jun;20(2):123-30 (Eng. Abstr.) **(Ita)**

IMMUNOLOGY

Antigen transport II. The significance of the localization of antigen-laden cells in the spleen. Bell EB. **Cell Immunol** 1984 Oct 15;88(2):273-84

The immunological crossreaction between human alpha-fetoprotein and serum albumin and its relation with the binding ability. Hirano K, et al. **Chem Pharm Bull (Tokyo)** 1984 Dec;32(12):4979-85

Preparation and antigenic properties of methyl 3 beta-hydroxy-19-oxo-5-cholen-24-oyl-glycinate 19-(O-carboxymethyl)oxime-bovine serum albumin conjugate. Yamauchi S, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3088-92

Effects of anti-albumin sera on the synthesis and secretion of soluble proteins by monolayers of hepatocytes. Silove M, et al. **Comp Biochem Physiol [B]** 1985;81(2):505-8

Induction of tolerance in chickens by low doses of human serum albumin administered after hatching. Hraba T, et al. **Folia Biol (Praha)** 1984;30(4):276-80

Antibody-producing cells in chickens tolerant to human serum albumin. Hraba T, et al. **Folia Biol (Praha)** 1984;30(4):281-6

Cross-reactivity between tubulin and denatured human serum albumin demonstrated by monoclonal antibody TU-01. Hořejší V, et al. **Immunol Lett** 1984;8(5):285-8

Preparation of anti-polysaccharide antiserum using liposomes as immunological adjuvant. Sarkar AK, et al. **Immunol Lett** 1984;8(4):197-200

The labeling of high affinity sites of antibodies with 99mTc. Paik CH, et al. **Int J Nucl Med Biol** 1985;12(1):3-8

IgE against ethylene oxide-altered human serum albumin in patients with anaphylactic reactions to dialysis. Grammer LC, et al. **J Allergy Clin Immunol** 1985 Sep;76(3):511-4

IgE against ethylene oxide-altered human serum albumin in patients who have had acute dialysis reactions. Grammer LC, et al. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 1):544-6

Magnetic albumin/protein A immunomicrospheres. I. Preparation, antibody binding capacity and chemical stability. Kandzia J, et al. **J Immunol Methods** 1984 Dec 14;75(1):31-41

Sensitive ELISA for IgG and IgM anti-albumin autoantibodies not influenced by HBsAg-associated polyalbumin receptors. Nardiello S, et al. **J Immunol Methods** 1985 Jan 21;76(1):121-7

Canine antibodies against formaldehyde-dog serum albumin conjugates: induction, measurement, and specificity. Patterson R, et al. **J Lab Clin Med** 1985 Jul;106(1):93-100

Polyalbumin receptors, hepatitis B surface antigen (HBsAg), and HBsAg/IgM complexes in HBsAg positive patients with and without delta superinfection. Craxì A, et al. **J Med Virol** 1985 Apr;15(4):383-8

Relative reactivity of DTPA, immunoreactive antibody-DTPA conjugates, and nonimmunoreactive antibody-DTPA conjugates toward indium-111. Paik CH, et al. **J Nucl Med** 1985 May;26(5):482-7

Biodegradable microspheres II: Immune response to a heterologous and an autologous protein entrapped in polyacryl starch microparticles. Artursson P, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):255-60

Hepatitis B vaccine with and without polymerised albumin receptors [letter] Coursaget P, et al. **Lancet** 1985 May 18;1(8438):1152-3

Study of the antigenic structure of human serum albumin with monoclonal antibodies. Doyen N, et al. **Mol Immunol** 1985 Jan;22(1):1-10

[Detection of autoantibodies to polymerized human serum albumin] Manns M, et al. **Leber Magen Darm** 1984 Nov;14(6):271-5 (Eng. Abstr.) **(Ger)**

[Interaction of xenobiotics and serum albumin as a specialized evolutionally conditioned protective mechanism] Luĭk AI, et al. **Dokl Akad Nauk SSSR** 1985;282(2):474-6 **(Rus)**

ISOLATION & PURIFICATION

Chromatofocusing of three hereditary variants of serum albumin: isolation of a new variant albumin Jaffna. Tillyer CR, et al. **Clin Chim Acta** 1984 Sep 15;142(1):131-6

Bisalbuminemia in an amphibian. Francis RT Jr, et al. **Comp Biochem Physiol [B]** 1985;81(1):199-206

Purification and characterization of the serum ferroxidase inhibitor. Calisch MP, et al. **Int J Biochem** 1984;16(11):1127-34

Resolution of human mercapt- and nonmercaptalbumin by high-performance liquid chromatography. Sogami M, et al. **Int J Pept Protein Res** 1984 Aug;24(2):96-103

Chromatographic preparation and in vitro properties of albumin from human plasma. Berglöf JH, et al. **J Appl Biochem** 1983 Aug-Oct;5(4-5):282-92

Pilot-plant scale preparation of human serum albumin. Hao YL. **Vox Sang** 1985;49(1):1-8

[Preparation of human albumin preparations] Medić P, et al. **Bilt Hematol Transfuz** 1984;12(2):75-90 (Eng. Abstr.) **(Scr)**

METABOLISM

Vascular perfusability and capillary macromolecular permeability in the mechanically induced rabbit hydrosalpinx. Verco CJ, et al. **Acta Anat (Basel)** 1985;122(2):126-32

Hematin and bilirubin binding to human serum albumin and newborn serum. Ho CK, et al. **Acta Paediatr Scand** 1985 May;74(3):372-7

Binding of aggregated human serum albumin to M12 and some other types of group A streptococci. Kurl DN, et al. **Acta Pathol Microbiol Immunol Scand** [B] 1985 Jun; 93(3):237-42

Changes in transcapillary exchange induced by perfusion fixation with glutaraldehyde, followed by measurements of capillary filtration coefficient, diffusion capacity and albumin clearance. Haraldsson B, et al. **Acta Physiol Scand** 1985 May;124(1):99-106

Peritoneal absorption of macromolecules studied by quantitative autoradiography. Flessner MF, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):H26-32

Red blood cell deformability and protein adsorption on red blood cell surface. Kikuchi Y, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H739-47

Effects of Na+ and K+ on protein adsorption on red blood cell surface. Kikuchi Y, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H748-53

Uptake and metabolism of transferrin and albumin by rat yolk sac placenta. McArdle HJ, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C409-14

The influence of diazepam on the serum protein binding of bupivacaine at normal and acidic pH. Denson DD, et al. **Anesth Analg** 1984 Nov;63(11):980-4

Effect of serotonin on albumin and low density lipoprotein uptake in perfused rabbit femoral arteries. Santillan GG, et al. **Angiology** 1984 Nov;35(11):694-700

Multiple cobinding of two ligands to serum albumin: a stoichiometric description of binding equilibria. Larsen CG, et al. **Arch Biochem Biophys** 1985 May 15;239(1):74-86

Drug-protein interactions. Inhibition of the action of levamisole on human serum albumin in vitro by DL-2-oxo-3-(2-mercaptoethyl)-5-phenyl-imidazolidine. Chicault M, et al. **Arzneimittelforsch** 1984;34(7):821-3

Quantitative study of aluminum binding to human serum albumin and transferrin by a chelex competitive binding assay. Bertholf RL, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):1020-4

Studies of monokines as mediators of the acute phase response: effects on sialyltransferase, albumin, alpha 1-acid glycoprotein and beta-N-acetylhexosaminidase. Woloski BM, et al. **Biochem Biophys Res Commun** 1985 Jul 16; 130(1):30-6

Factors influencing ascorbate free radical formation. Sasaki R, et al. **Biochem Int** 1985 Feb;10(2):155-63

Deuteroporphyrin-albumin binding equilibrium. The effects of porphyrin self-aggregation studied for the human and the bovine proteins. Rotenberg M, et al. **Biochem J** 1985 Jul 1;229(1):197-203

Protein binding of oxazepam and its glucuronide conjugates to human albumin. Boudinot FD, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2115-21

Diclofenac binding to albumin and lipoproteins in human serum. Chamouard JM, et al. **Biochem Pharmacol** 1985 May 15;34(10):1695-700

Evidence for the fatty acid-induced heterogeneity of the N and B conformations of human serum albumin. Dröge JH, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3299-304

Drug-protein conjugates--VIII. The metabolic fate of the dinitrophenyl hapten conjugated to albumin. Kitteringham NR, et al. **Biochem Pharmacol** 1985 May 15;34(10):1763-71

Difference circular dichroism studies of copper and nickel binding to D-penicillamine in the presence of human serum albumin. Mohanakrishnan P, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):675-7

Specific and non-specific ligand binding to serum albumin. Taira Z, et al. **Biochem Pharmacol** 1985 Jun 1; 34(11):1999-2005

Nonenzymatic glucosylation of human serum albumin and its influence on binding capacity of sulfonylureas. Tsuchiya S, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):2967-71

Rates of hydration of fatty acids bound to unilamellar vesicles of phosphatidylcholine or to albumin. Daniels C, et al. **Biochemistry** 1985 Jun 18;24(13):3286-92

A study on the allosteric interaction between the major binding sites of human serum albumin using microcalorimetry. Dröge JH, et al. **Biochim Biophys Acta** 1985 Mar 1;827(3):396-402

Thermodynamic features of bile salt-human serum albumin interaction. Scagnolari F, et al. **Biochim Biophys Acta** 1984 Dec 7;791(2):274-7

Uptake of neoglycoproteins via membrane lectin(s) of L1210 cells evidenced by quantitative flow cytofluorometry and drug targeting. Monsigny M, et al. **Biol Cell** 1984; 51(2):187-96

Reversible oxidant-induced increases in albumin transfer across cultured endothelium: alterations in cell shape and calcium homeostasis. Shasby DM, et al. **Blood** 1985 Mar; 65(3):605-14

Stereoselective binding of propranolol enantiomers to human alpha 1-acid glycoprotein and human plasma. Albani F, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):244-6

Determinants of carbamazepine and carbamazepine 10,11-epoxide binding to serum protein, albumin and alpha 1-acid glycoprotein. MacKichan JJ, et al. **Br J Clin Pharmacol** 1984 Oct;18(4):487-93

Changes in serum albumin and alpha 1-acid glycoprotein concentrations during pregnancy: an analysis of fetal-maternal pairs. Krauer B, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):875-81

Detection of familial dysalbuminaemic hyperthyroxinaemia. Croxson MS, et al. **Br Med J [Clin Res]** 1985 Apr 13; 290(6475):1099-102

Enhancement of stability of 7 beta,8 alpha-dihyroxy-9 alpha epoxybenzo(a)pyrene by complex formation with serum albumin. Roche CJ, et al. **Cancer Biochem Biophys** 1985 Jun;8(1):35-40

Identification of the major serum albumin adduct formed by 4-aminobiphenyl in vivo in rats. Skipper PL, et al. **Cancer Res** 1985 Oct;45(10):5122-7

Effect of simultaneous administration of drugs on absorption and excretion. XIX. Binding of acetohexamide and its major metabolite, (-)-hydroxyhexamide, to human serum albumin. Imamura Y, et al. **Chem Pharm Bull (Tokyo)** 1985 Mar;33(3):1281-4

Esterase-like activity of human serum albumin. IV. Reactions with substituted aspirins and 5-nitrosalicyl esters. Kurono Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3715-9

Binding of hydralazine and a major metabolite, pyruvate hydrazone, to rat plasma protein and human serum albumin. Ogiso T, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug; 32(8):3155-63

Influence of blood proteins on biomedical analysis. VII. Electrophoretic analysis of the interaction of pseudocholinesterase with fatty acid and/or human serum albumin. Sakoguchi T, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3273-6

An anion-exchange chromatographic method for measuring bilirubin covalently bound to albumin. Seligson D, et al. **Clin Chem** 1985 Aug;31(8):1317-21

Distribution of serum zinc between albumin and alpha 2-macroglobulin estimated by ultracentrifugation. Kiilerich S, et al. **Clin Chim Acta** 1984 Sep 29;142(2):273-80

The binding of dihematoporphyrin ether (photofrin II) to human serum albumin. Moan J, et al. **Clin Chim Acta** 1985 Feb 15;145(3):227-36

Abnormal serum protein binding of acidic drugs in diabetes mellitus. Ruiz-Cabello F, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):691-5

Study on a special binding phenomenon of biliverdin in the blood of the eel, Anguilla japonica. Fang LS. **Comp Biochem Physiol [B]** 1985;81(3):723-6

Copper and nickel binding to canine serum albumin. A circular dichroism study. Mohanakrishnan P, et al. **Comp Biochem Physiol [C]** 1984;79(2):321-3

Microheterogeneity of serum glycosyl albumin in diabetes mellitus. Ghiggeri GM, et al. **Diabete Metab** 1985 Jun; 11(3):157-64

Inhibition of aortic histamine synthesis by alpha-hydrazinohistidine inhibits increased aortic albumin accumulation in experimental diabetes in the rat. Hollis TM, et al. **Diabetologia** 1985 May;28(5):282-5

Nutritional oedema and serum albumin concentration. Laditan AA. **East Afr Med J** 1984 Nov;61(11):812-6

Effects of denaturation and methylation on the degradation of proteins in cultured hepatoma cells and in reticulocyte cell-free systems. Katznelson R, et al. **Eur J Biochem** 1985 Jan 15;146(2):437-42

Role of plasma albumin in renal elimination of a mercapturic acid. Analyses in normal and mutant analbuminemic rats. Okajima K, et al. **Eur J Biochem** 1985 Jul 1;150(1):195-9

Binding of cefalotin to human serum albumin. Decroix MO, et al. **Eur J Drug Metab Pharmacokinet** 1984 Jul-Sep; 9(3):191-4

Time-dependent changes in aortic albumin permeability characteristics in experimental diabetes. Hollis TM, et al. **Exp Mol Pathol** 1984 Oct;41(2):207-17

Enantioselectivity of the binding of (S)- and (R)-7-chloro-1,3-dihydro-3-methyl-5-phenyl-2H-1,4-be to human serum albumin. Gratton G, et al. **Farmaco [Sci]** 1985 Mar;40(3):209-17

New fluorescence of nonenzymatically glucosylated human serum albumin. Sakurai T, et al. **FEBS Lett** 1984 Oct 15; 176(1):27-31

Selective penetration and pharmacological activity of lactosaminated albumin conjugates of adenine arabinoside 5-monophosphate (ara-AMP) in mouse liver. Fiume L, et al. **Gut** 1984 Dec;25(12):1392-8

Valuation of protein metabolism and albumin in patients submitted to peripheral parenteral nutrition (PPN). Schwartz S, et al. **Infusionsther Klin Ernahr** 1984 Jun; 11(3):137-40

Histamine receptors on leukocytes: the binding of histamine serum albumin conjugates is non-specific. Cohen MG, et al. **Int Arch Allergy Appl Immunol** 1985;76(1):9-15

Underestimation of albumin content by bromocresol green, induced by drug displacers and uremia. Calvo R, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Feb;23(2):76-8

Binding of fluorescein monoglucuronide to human serum albumin. Nagataki S, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1175-8

Albumin kinetics and oedema following reconstructive arterial surgery of the lower limb. Campbell H, et al. **J Cardiovasc Surg (Torino)** 1985 Mar-Apr;26(2):110-5

Hepatic bioavailability of thyroxine and testosterone in familial dysalbuminemic hyperthyroxinemia. Cefalu WT, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):783-6

Bioavailability of albumin-bound testosterone. Manni A, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):705-10

Heterogeneity of thyroxine binding by serum albumins in normal subjects and patients with familial dysalbuminemic hyperthyroxinemia. Yabu Y, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):451-9

Application of a new method of antibody-enzyme conjugation with maleimide derivative for immunohistochemistry: hepatocellular production, interstitial tissue distribution, and renal cell reabsorption of plasma albumin in guinea pig. Tsuruta J, et al. **J Histochem Cytochem** 1985 Aug;33(8):767-77

Hemagglutination assay of polypeptide coded by the pre-S region of hepatitis B virus DNA with monoclonal antibody: correlation of pre-S polypeptide with the receptor for polymerized human serum albumin in serums containing hepatitis B antigens. Okamoto H, et al. **J Immunol** 1985 Feb;134(2):1212-6

Effect of a transported ligand on the binding of albumin to rat liver cells. Fleischer AB, et al. **J Lab Clin Med** 1985 Feb;105(2):185-9

Surface receptors for human serum albumin in Peptococcus magnus strains. Myhre EB. **J Med Microbiol** 1984 Oct; 18(2):189-95

Prazosin binding to human alpha 1-acid glycoprotein (orosomucoid), human serum albumin, and human serum. Further characterization of the 'single drug binding site' of orosomucoid. Brunner F, et al. **J Pharm Pharmacol** 1985 May;37(5):305-9

Warfarin-sulfinpyrazone interaction on binding to human serum albumin. Larsen FG, et al. **J Pharm Pharmacol** 1984 Oct;36(10):689-90

Binding of dapsone and its analogues to human serum albumin. Karp WB, et al. **J Pharm Sci** 1985 Jun;74(6):690-1

Chloride ion nuclear magnetic resonance spectroscopy probe studies of copper and nickel binding to serum albumins. Mohanakrishnan P, et al. **J Pharm Sci** 1985 Jan;74(1):61-3

Circular dichroism study of the interaction between conformationally altered human serum albumin and testosterone. Watanabe S. **J Steroid Biochem** 1985 Aug; 23(2):177-83

Interaction between various polymerized human albumins and hepatitis B surface antigen. Yu MW, et al. **J Virol** 1985 Sep;55(3):736-43

The effect of 15-hour fat infusions of varying dosage on bilirubin binding to albumin. Spear ML, et al. **JPEN** 1985 Mar-Apr;9(2):144-7

Increased vascular permeability: a major cause of hypoalbuminaemia in disease and injury. Fleck A, et al. **Lancet** 1985 Apr 6;1(8432):781-4

Binding activity of HBsAg particles from chronic HBsAg carriers to polystyrene beads coated with polymerized human serum albumin: diagnostic relevance of the assay. Hopf U, et al. **Liver** 1984 Dec;4(6):372-8

Nonenzymatic glucosylation of lysine residues in albumin. Baynes JW, et al. **Methods Enzymol** 1984;106:88-98

Validation of [57Co]cyanocobalamin as an extracellular fluid marker and measurement of albumin exclusion from the interstitium in the rabbit. Kwong MS, et al. **Microvasc Res** 1985 Mar;29(2):152-60

Interaction of warfarin with human serum albumin. A stoichiometric description. Larsen FG, et al. **Mol Pharmacol** 1985 Feb;27(2):263-70

Diminished bilirubin binding by the serum of pregnant women. Ritter DA, et al. **Obstet Gynecol** 1985 May; 65(5):633-6

Effect of phototherapy on albumin binding of bilirubin. Gartner LM, et al. **Pediatrics** 1985 Feb;75(2 Pt 2):401-6

Binding of hematoporphyrin derivative to human serum albumin. Grossweiner LI, et al. **Photochem Photobiol** 1984 Jul;40(1):1-4

Dissociation from albumin: a potentially rate-limiting step in the clearance of substances by the liver. Weisiger RA. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1563-7

Renal albumin reabsorption in normal and sodium maleate-treated rats. Cho J, et al. **Renal Physiol** 1985; 8(1):8-18

Importance of drug-protein interactions and protein concentrations for antibiotic levels in serum and tissue fluid. Ogren S, et al. **Scand J Infect Dis [Suppl]** 1985;44:34-40

Plasma fibronectin, albumin, IgM and total protein during cardiopulmonary bypass. Miholic J, et al. **Thorac Cardiovasc Surg** 1985 Jun;33(3):176-8

Effect of long-term administration of paromomycin sulfate on the level of serum albumin and gamma-globulin in human cirrhosis. Tarao K, et al. **Tokai J Exp Clin Med** 1983 Nov;8(4):349-57

Photochemical binding of photoallergens to human serum albumin: a simple in vitro method for screening potential photoallergens. Barratt MD, et al. **Toxicol Lett** 1985 Jan; 24(1):1-6

Adsorbed protein visualization on LTI carbon. Riccitelli SD, et al. **Trans Am Soc Artif Intern Organs** 1984;30:420-6

[Determination of the binding of 3,5-bis(acetamido)-2,4,6-triiodobenzoic acid and some of its salts to human serum albumin using the ultrafiltration flat chamber method] Kinawi A, et al. **Arzneimittelforsch** 1984;34(7):819-21 (Eng. Abstr.) **(Ger)**

[Relationship of serum albumin concentration to aging and survivorship in the community volunteers aged 70] Nagai H, et al. **Nippon Ronen Igakkai Zasshi** 1984 Nov; 21(6):588-92 (Eng. Abstr.) **(Jpn)**

[Assessment of elemental diet therapy by rapid turnover transport proteins] Asakura H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Aug;81(8):1759-66 (Eng. Abstr.) **(Jpn)**

[Molecular mechanism of oxacillin interaction with human serum albumin studied by microcalorimetry] Markovich MN, et al. **Antibiot Med Biotekhnol** 1985 Apr;30(4):281–4 (Eng. Abstr.) **(Rus)**

[Effect of histamine on dimedrol interaction with human serum albumin] Bender KI, et al. **Farmakol Toksikol** 1985 Mar–Apr;48(2):107–12 (Eng. Abstr.) **(Rus)**

[New method of evaluating the transport function of serum albumin] Mel'nik IA, et al. **Lab Delo** 1985;(4):202–4 (Eng. Abstr.) **(Rus)**

[The effect of medium on functional and structural properties of serum albumins. II. The effect of temperature on the N–form of human serum albumin] Niamaa D, et al. **Mol Biol (Mosk)** 1984 Jul–Aug;18(4):972–8 (Eng. Abstr.) **(Rus)**

[Urea binding by serum proteins under normal conditions, in chronic renal failure and in the nephrotic syndrome] Kozhevnikov AD, et al. **Ter Arkh** 1984;56(7):44–7 (Eng. Abstr.) **(Rus)**

[Degradation of deamidated proteins by tissue proteinases] Lukash AI, et al. **Ukr Biokhim Zh** 1985 Jan–Feb;57(1):8–12 (Eng. Abstr.) **(Rus)**

[Receptors for polymerized human albumin: new aspects of hepatitis B virus infection] Mora Pérez I, et al. **Rev Clin Esp** 1985 Jan;176(1):1–4 (30 ref.) (Eng. Abstr.) **(Spa)**

[Measurement of aspartate aminotransferase, gamma–glutamyltransferase, total protein and serum albumin in equine fascioliasis] Montes GA, et al. **Zentralbl Veterinarmed [B]** 1984 Jun;31(5):338–42 **(Spa)**

PHARMACODYNAMICS

Modulation of platelet–activating factor (PAF) synthesis and release from human polymorphonuclear leukocytes (PMN): role of extracellular albumin. Ludwig JC, et al. **Arch Biochem Biophys** 1985 Sep;241(2):337–47

Modification of propranolol binding to alpha–1–acid glycoprotein by serum albumin. Chauvelot–Moachon L, et al. **Biochem Pharmacol** 1985 May 1;34(9):1591–4

Influence of red blood cells, serum albumin, and serum lipoproteins on the clearance of benzo[alpha]pyrene by isolated livers of 3–methylcholanthrene–treated rats. Wiersma DA, et al. **Biochem Pharmacol** 1984 Nov 1; 33(21):3433–8

Effects of serum albumin, indomethacin and histamine H1–antagonists on Paf–acether–induced inflammatory responses in the skin of experimental animals and man. Archer CB, et al. **Br J Pharmacol** 1985 May;85(1):109–13

Cationized serum albumin enhances response of cultured fetal rat long bones to parathyroid hormone. Bergmann PJ, et al. **Endocrinology** 1985 May;116(5):1729–33

Isotypes of antibodies induced by plain dextran or a dextran–protein conjugate. Seppälä I, et al. **Eur J Immunol** 1985 Aug;15(8):827–33

Human serum albumin for in–vitro tests [letter] Bakhtiar M, et al. **J Antimicrob Chemother** 1985 Jun;15(6):789–90

Albumin attenuation of oleic acid edema in dog lung depleted of blood components. Hofman WF, et al. **J Appl Physiol** 1985 Jun;58(6):1949–55

Effects of serum albumin on coagulase release from Staphylococcus aureus derived from bullous impetigo. Dekio S, et al. **J Dermatol (Tokyo)** 1984 Jun;11(3):233–5

Trace metal uptake in liver cells. 1. Influence of albumin in the medium on the uptake of copper by hepatoma cells. van den Berg GJ, et al. **J Inorg Biochem** 1984 Oct; 22(2):73–84

The effect of albumin on the uptake of bromosulfophthalein by isolated rat hepatocytes. Mizuma T, et al. **J Pharmacobiodyn** 1985 Feb;8(2):90–4

alpha–Glucosidase–albumin conjugates: effect of chronic administration in mice. Allen TM, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):250–4

Effects of albumin and alpha–1 acid glycoprotein on elimination of prazosin and antipyrine in the isolated perfused rat liver. Oie S, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):636–40

Albumin is one of lipoxygenase inhibitors in serum. Duniec Z, et al. **Pol J Pharmacol Pharm** 1984 Sep–Oct;36(5):465–71

Concentration independent accumulation of diazepam by rat liver slices. Effect of human serum albumin. Blaese U, et al. **Res Commun Chem Pathol Pharmacol** 1985 Feb; 47(2):313–6

The potentiation of 'incomplete' mouse monoclonal anti–Lea agglutination with colloids. Inglis G, et al. **Transfusion** 1985 Jul–Aug;25(4):355–9

Increasing lambing rates with ovandrotone–albumin. Harding RB, et al. **Vet Rec** 1984 Dec 8;115(23):601

[Effects of the addition of serum albumin on penetration of human spermatozoa into zona–free hamster eggs] Kyono K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Feb; 37(2):193–200 (Eng. Abstr.) **(Jpn)**

[Comparison of the effect of homologous and heterologous albumin on the activity of lipoprotein lipase and liver triglyceride lipase in rabbit plasma] Klimov AN, et al. **Vopr Med Khim** 1985 May–Jun;31(3):93–9 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Albumin modulation of capillary permeability: test of an adsorption mechanism. Huxley VH, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):H264–73

Effect of albumin on the structure of the molecular filter at the capillary wall. Curry FR. **Fed Proc** 1985 Jul; 44(10):2610–3

The role of albumin in the hepatic transport of bilirubin: studies in mutant analbuminemic rats. Inoue M, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):737–43

RADIATION EFFECTS

Photosensitized irreversible binding of estrone to protein via a hydroperoxide intermediate: an explanation of (photo–) allergic side–effects of estrogens. Sedee AG, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):675–81

Configurational photoisomerization of bilirubin in vitro––II. A comparative study of phototherapy fluorescent lamps and lasers. Agati G, et al. **Photochem Photobiol** 1985 Apr; 41(4):381–92

SECRETION

[Detection of hormonally dependent albumin secretion by primary cultures of rat hepatocytes using an homologous system of radioimmunological analysis] Pluzhnikova GN, et al. **Probl Endokrinol (Mosk)** 1985 Mar–Apr;31(2):58–63 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Crystalloid versus colloid resuscitation in experimental hemorrhagic pancreatitis. Martin DT, et al. **Surg Gynecol Obstet** 1984 Nov;159(5):445–9

[Therapy of leukemia in rats using a conjugate of specific immunoglobulin and albumin–methotrexate] Storek J. **Sb Lek** 1985 May;87(5):121–7 (Eng. Abstr.) **(Cze)**

URINE

Rapidly reversible albumin and beta 2–microglobulin hyperexcretion in recent severe essential hypertension. Christensen CK. **J Hypertens** 1983 Jun;1(1):45–51

SERUM ALBUMIN, BOVINE

Coupling of peptides to protein carriers by mixed anhydride procedure. Samokhin GP, et al. **Anal Biochem** 1985 Mar; 145(2):311–4

Thermodynamic nonideality as a probe of macromolecular isomerizations: application to the acid expansion of bovine serum albumin. Winzor DJ, et al. **Arch Biochem Biophys** 1984 Oct;234(1):15–23

Mechanism of the binding of 2–(4'–hydroxyphenylazo)benzoic acid to bovine serum albumin. Murakami K, et al. **Biophys Chem** 1985 Feb; 21(2):127–36

Diffusion of bovine serum albumin in a neutral polymer solution. Phillies GD. **Biopolymers** 1985 Feb;24(2):379–86

Effects of bovine serum albumin on the interaction of concanavalin A and succinyl–concanavalin A with phospholipid bilayers. Chicken CA, et al. **Can J Biochem Cell Biol** 1985 Jan;63(1):64–70

Structural characterization of the major covalent adduct formed in vitro between acetaminophen and bovine serum albumin. Hoffmann KJ, et al. **Chem Biol Interact** 1985 Feb–Apr;53(1–2):155–72

Tryptophan content of serum albumin. Kaldy MS, et al. **Comp Biochem Physiol [B]** 1985;80(4):743–5

Acylation of albumin by 1–O–acyl glucuronides. van Breemen RB, et al. **Drug Metab Dispos** 1985 May–Jun; 13(3):318–20

Fluorescence probe, 1–anilino–8–naphthalene sulphonate, as a tool to study interaction of delta 9–tetrahydrocannabinol with bovine serum albumin. Haque SJ, et al. **Indian J Biochem Biophys** 1984 Feb;21(1):23–6

Ultrasonic absorption of bovine serum albumin solutions in the frequency range 200 kHz–1 MHz. Barnes C, et al. **J Acoust Soc Am** 1985 Jul;78(1 Pt 1):6–11

Conjugates of mitomycin C with the immunoglobulin M monomer fragment of a monoclonal anti–MM46 immunoglobulin M antibody with or without serum albumin as intermediary. Umemoto N, et al. **J Appl Biochem** 1984 Oct–Dec;6(5–6):297–307

Direct liquid chromatographic separation of enantiomers on immobilized protein stationary phases. IV. Molecular interaction forces and retention behaviour in chromatography on bovine serum albumin as a stationary phase. Allenmark S, et al. **J Chromatogr** 1984 Dec 21; 316:617–24

Rotavirus–specific antibodies in fetal bovine serum and commercial preparations of serum albumin. Offit PA, et al. **J Clin Microbiol** 1984 Aug;20(2):266–70

Ascites tumor fluid and bovine serum albumin as supplements in presomite mouse embryo cultures. Meneses JJ, et al. **J Exp Zool** 1984 Sep;231(3):355–62

Some applications of chiral liquid affinity chromatography using bovine serum albumin as a stationary phase. Allenmark S, et al. **Prep Biochem** 1984;14(2):139–47

[Pharmacological studies on N–(2–mercapto–2–methylpropanoyl)–L–cysteine(SA96). IV. Effects of SA96 and its main metabolite, SA679, on denaturation of human gamma–globulin and adjuvant arthritis in rats] Yamauchi H, et al. **Nippon Yakurigaku Zasshi** 1985 Apr;85(4):275–82 (Eng. Abstr.) **(Jpn)**

[Nonmonotonous character of temperature changes in protein conformation in predenaturational regions of temperatures] Zhukovskiĭ AP, et al. **Biofizika** 1984 Jul–Aug;29(4):586–9 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Preparation of serum albumin microcapsules. Ishizaka T, et al. **J Pharm Sci** 1985 Mar;74(3):342–4

Daunorubicin–albumin copolymer targeting to leukemic cells in vitro and in vivo. Lagueux J, et al. **Semin Oncol** 1984 Dec;11(4 Suppl 3):59–63

ADVERSE EFFECTS

Experimental immune complex glomerulonephritis in dogs receiving cationized bovine serum albumin. Wright NG, et al. **Res Vet Sci** 1985 May;38(3):322–8

[Immune response and the monooxygenase system activity in guinea pigs after peroral sensitization with various food antigens] Gmoshinskiĭ IV, et al. **Vopr Pitan** 1984 Jul–Aug; (4):40–1 **(Rus)**

ANALYSIS

Tracer diffusion coefficients of proteins by means of holographic relaxation spectroscopy: application to bovine serum albumin. Arunyawongsakorn U, et al. **Anal Biochem** 1985 Apr;146(1):265–70

Nonsupervised numerical component extraction from pyrolysis mass spectra of complex mixtures. Windig W, et al. **Anal Chem** 1984 Nov;56(13):2297–303

Interaction of myelin basic protein, melittin and bovine serum albumin with gangliosides, sulphatide and neutral glycosphingolipids in mixed monolayers. Fidelio GD, et al. **Chem Phys Lipids** 1984 Aug;35(3):231–45

Neuraminidase–like impurity in bovine albumin [letter] Moore BP, et al. **Transfusion** 1984 Nov–Dec;24(6):541

IMMUNOLOGY

Prevention of experimental immune complex glomerulonephritis by specific inactivation of immunoreactive cells. Dienes HP, et al. **Allergol Immunopathol (Madr)** 1985 Mar–Apr;13(2):151–6

Serum antibody response and germinal centre reaction in the upper respiratory tract after antigen challenge in mice. Schumacher U, et al. **Arch Otorhinolaryngol** 1984; 240(3):255–62

Specificity of antisera raised against estradiol 12–bovine serum albumin conjugates. Ikegawa S, et al. **Chem Pharm Bull (Tokyo)** 1985 Mar;33(3):1154–8

Preparation and antigenic properties of methyl 3 beta–hydroxy–19–oxo–5–cholen–24–oyl–glycinate 19–(O–carboxymethyl)oxime–bovine serum albumin conjugate. Yamauchi S, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3088–92

Flare–up of antigen–induced arthritis in mice after challenge with oral antigen. Lens JW, et al. **Clin Exp Immunol** 1984 Nov;58(2):364–71

Bovine serum albumin (BSA) nephritis in rats. III. Antigen distribution in various organs. Miyazaki S, et al. **Clin Exp Immunol** 1985 Feb;59(2):293–9

Influence of chronic lead ingestion on IgG subclass expression of the immune response to bovine serum albumin. Rosenberg H, et al. **Drug Chem Toxicol** 1985; 8(1–2):57–67

Experimental monoarthritis. Modulatory effect of injected eosinophils on influx of various types of inflammatory cells. Popper H. **Inflammation** 1984 Sep;8(3):301–12

An experimental polyarthritis associated with systemic antigen excess in immune rabbits. Kawai K, et al. **J Orthop Res** 1983;1(2):144–52

Shared determinants of native and denatured bovine serum albumin are recognized by both B– and T–cells. Apple R, et al. **Mol Immunol** 1984 Oct;21(10):901–5

The delayed and saline wattle reactions in broilers challenged with bovine serum albumin. Cotter PF, et al. **Poult Sci** 1985 Jul;64(7):1293–5

Testing for T–activation by bovine albumin [letter] Wheaton D, et al. **Transfusion** 1985 Jul–Aug;25(4):398–9

METABOLISM

Extravasation of proteins in the joint tissue: differential behaviour of native BSA and cationic mBSA. Lens JW, et al. **Agents Actions** 1985 Mar;16(1–2):15–6

Exchange of macromolecules between peritoneal cavity and plasma. Flessner MF, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):H15–25

Effects of unstirred Disse fluid, nonequilibrium binding, and surface–mediated dissociation on hepatic removal of albumin–bound organic anions. Forker EL, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G709–17

Hepatic transport and binding of rose bengal in the presence of albumin and gamma globulin. Forker EL, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G702–8

Absence of albumin receptor on brain capillaries in vivo or in vitro. Pardridge WM, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):E264–7

Accelerated bovine mammary involution induced by infusion of concanavalin A or phytohemagglutinin. Breau WC, et al. **Am J Vet Res** 1985 Apr;46(4):816–20

Analysis of the calcium–dependent interaction of calmodulin with bovine serum albumin. Husain A, et al. **Anal Biochem** 1985 Mar;145(2):217–21

Effect of sulfhydryl–disulfide state on protein phosphorylation: phosphorylation of bovine serum albumin. Chen SL, et al. **Arch Biochem Biophys** 1985 May 15; 239(1):163-71

Enhancement of acetaldehyde-protein adduct formation by L-ascorbate. Tuma DJ, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):377-81

The interaction of albumin and fatty-acid-binding protein with membranes: oleic acid dissociation. Catalá A. **Arch Int Physiol Biochim** 1984 Oct;92(3):255-61

Kinetics of enzymes requiring long-chain acyl-CoA esters as substrates: effects of substrate binding to albumin [letter] Bartlett K, et al. **Biochem J** 1985 Jul 15;229(2):559-60

Protein stabilization and destabilization by guanidinium salts. Arakawa T, et al. **Biochemistry** 1984 Dec 4;23(25):5924-9

Ubiquitin-dependent proteolysis of native and alkylated bovine serum albumin: effects of protein structure and ATP concentration on selectivity. Evans AC Jr, et al. **Biochemistry** 1985 Jun 4;24(12):2915-23

Bovine serum albumin: characterization of a fatty acid binding site on the N-terminal peptic fragment using a new spin-label. Hsia JC, et al. **Biochemistry** 1984 Dec 4; 23(25):5930-2

Intestinal transmission of macromolecules (BSA and FITC-dextran) in the neonatal pig: enhancing effect of colostrum, proteins and proteinase inhibitors. Weström BR, et al. **Biol Neonate** 1985;47(6):359-66

Flow cytometric analysis of fluorescein-conjugated estradiol (E-BSA-FITC) binding in breast cancer suspensions. Benz C, et al. **Cytometry** 1985 May;6(3):260-7

Receptor-mediated endocytosis of polymeric IgA and galactosylated serum albumin in rat liver. Evidence for intracellular ligand sorting and identification of distinct endosomal compartments. Limet JN, et al. **Eur J Biochem** 1985 Feb 1;146(3):539-48

Aortic histamine synthesis and aortic albumin accumulation in diabetes: activity-uptake relationships. Carroll WJ, et al. **Exp Mol Pathol** 1985 Jun;42(3):344-52

Oestradiol-BSA conjugates for receptor histochemistry: problems of stability and interactions with cytosol. Binder M. **Histochem J** 1984 Sep;16(9):1003-23

Spectroscopic study of the interaction of gossypol with bovine serum albumin. Maliwal BP, et al. **Int J Pept Protein Res** 1985 Apr;25(4):382-8

The binding of a thyroid hormone metabolite, 3-monoiodo-L-thyronine, to bovine serum albumin as measured by circular dichroism. Okabe N, et al. **J Biochem (Tokyo)** 1985 May;97(5):1317-22

Scavenger function of sinusoidal liver cells. Acetylated low-density lipoprotein is endocytosed via a route distinct from formaldehyde-treated serum albumin. Horiuchi S, et al. **J Biol Chem** 1985 Jan 10;260(1):53-6

Characterization of a membrane-associated receptor from rat sinusoidal liver cells that binds formaldehyde-treated serum albumin. Horiuchi S, et al. **J Biol Chem** 1985 Jan 10; 260(1):475-81

Purification of a receptor for formaldehyde-treated serum albumin from rat liver. Horiuchi S, et al. **J Biol Chem** 1985 Jan 10;260(1):482-8

Uptake and transport of mannosylated ligands by alveolar macrophages. Studies on ATP-dependent receptor-ligand dissociation. Wileman T, et al. **J Biol Chem** 1985 Jun 25; 260(12):7387-93

Uptake of BSA and production of the antibody against BSA in rat intestine. Iwase T, et al. **J Nihon Univ Sch Dent** 1985 Mar;27(1):20-7

Binding of 2-(4'-hydroxyphenylazo) benzoic acid with arginine, lysine, tyrosine and tryptophan modified bovine serum albumin. Sakurai T, et al. **J Pharmacobiodyn** 1985 Feb;8(2):84-9

Two-compartment model for plasma pharmacokinetics in individual blood vessels. Nugent LJ, et al. **J Pharmacokinet Biopharm** 1984 Aug;12(4):451-61

The translational mobility of substances within the cytoplasmic matrix. Jacobson K, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6747-51

[Spectrophotometric measurement of the binding of trypan blue with bovine serum proteins] Itami T, et al. **Eisei Shikenjo Hokoku** 1984;(102):99-103 (Eng. Abstr.) **(Jpn)**

[Organ distribution of bovine serum albumin administered intragastrically in the rat] Mazo VK, et al. **Vopr Pitan** 1985 May-Jun;(3):49-52 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

The influence of albumin on vitamin D metabolism in fetal chick osteoblast-like cells. Pols HA, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):265-72

Albumin-mediated changes in sperm sterol content during capacitation. Go KJ, et al. **Biol Reprod** 1985 Feb; 32(1):145-53

Synergistic effect of albumin and transferrin on the mitogen stimulation of human mononuclear leukocytes in serum-free medium. Soyano A, et al. **Immunol Lett** 1985; 9(1):57-62

Trypsin-sensitive, bovine serum albumin-dependent hemolysis activity in Mycoplasma pulmonis. Minion FC, et al. **Infect Immun** 1985 Aug;49(2):440-2

The contribution of endogenous and exogenous effects to radiation-induced damage in the bacterial spore. Jacobs GP, et al. **Int J Radiat Biol** 1985 Jun;47(6):621-7

Albumin inhibits light activation of cGMP phosphodiesterase on rod disc membranes. Buzdygon BE, et al. **J Biol Chem** 1984 Dec 10;259(23):14567-71

Promotion of coagulase release by serum albumin in Staphylococcus aureus derived from furuncle. Dekio S, et al. **J Dermatol (Tokyo)** 1984 Apr;11(2):161-6

The effects of native and modified bovine serum albumin on the permeability of frog mesenteric capillaries. Michel CC, et al. **J Physiol (Lond)** 1985 Mar;360:333-46

Albumin is required to support the acrosome reaction but not capacitation in mouse spermatozoa in vitro. Fraser LR. **J Reprod Fertil** 1985 May;74(1):185-96

A low molecular weight extract of bovine serum albumin stimulates rabbit blastocyst cell division and expansion in vitro. Kane MT. **J Reprod Fertil** 1985 Jan;73(1):147-50

Modulation by bovine serum albumin of stimulated formation of cyclic AMP in guinea pig hippocampus. Baba A, et al. **Jpn J Pharmacol** 1984 Oct;36(2):272-4

The effects of bovine serum albumin and a form of cationised ferritin upon the molecular selectivity of the walls of single frog capillaries. Michel CC, et al. **Microvasc Res** 1985 Mar; 29(2):190-203

The failure of serum albumin to affect capillary permeability in the isolated rabbit heart. Weselcouch EO, et al. **Microvasc Res** 1984 Nov;28(3):373-86

Effects of albumin on resting membrane potential of toad semitendinosus muscles. Shetty RP, et al. **Pflugers Arch** 1985 May;404(1):83-5

The adsorption of thrombin to polypropylene tubes: the effect of polyethylene glycol and bovine serum albumin. Horne MK 3d. **Thromb Res** 1985 Jan 1;37(1):201-12

SERUM ALBUMIN, RADIO-IODINATED

DIAGNOSTIC USE

Gammasubdurography in the diagnosis of chronic subdural bilateral and communicating effusion in infants. Palma A, et al. **Acta Neurochir (Wien)** 1985;76(3-4):117-20

Distribution of intraperitoneally injected [125I] BSA in cytoplasm, nucleoplasm and chromatin of lymphocyte-like and macrophage-like rat spleen cells. Rakowicz-Szulczyńska EM, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(6):659-63

Ischemic brain edema following occlusion of the middle cerebral artery in the rat. I: The time courses of the brain water, sodium and potassium contents and blood-brain barrier permeability to 125I-albumin. Gotoh O, et al. **Stroke** 1985 Jan-Feb;16(1):101-9

[Animal experiments on the radiopharmacokinetics of endolymphatically administered, labeled albumin-microspheres for the diagnosis of regional lymph node tumors. 3] Chačirov DG, et al. **Radiol Diagn (Berl)** 1984;25(5):623-8 (Eng. Abstr.) **(Ger)**

METABOLISM

Effects of arterial pressure on endothelial transport of macromolecules. Chien S, et al. **Biorheology** 1984; 21(4):631-41

Food proteins and gut mucosal barrier. III. The influence of lactation and prolactin on the in vitro binding and uptake of bovine serum albumin and ovalbumin in the rat jejunum. Stern M, et al. **Pediatr Res** 1985 Mar;19(3):320-4

SERUM GLOBULINS

[Effect of ilexonin A on plasma euglobulin lysis and platelet aggregation] Liu GD, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Sep;5(3):185-7 (Eng. Abstr.) **(Chi)**

ANALYSIS

Positive direct antiglobulin test associated with hyperglobulinemia in acquired immunodeficiency syndrome (AIDS). Toy PT, et al. **Am J Hematol** 1985 Jun; 19(2):145-50

Inflammatory reaction in familial Mediterranean fever (FMF) before and with colchicine therapy. Ollier-Hartmann MP, et al. **Biomed Pharmacother** 1984;38(9-10):448-55

Evaluation of euglobulin methods for the study of blood fibrinolytic activity: results for patients with rheumatoid arthritis and in the postoperative period. Kluft C, et al. **Haemostasis** 1985;15(2):144-50

Serum protein changes in Swiss albino mice after whole body gamma-irradiation. Malhotra N. **Radiobiol Radiother (Berl)** 1984;25(5):699-701

[Inhibitory and immunological profile of therapeutic serum protein solutions] Kotitschke R, et al. **Infusionsther Klin Ernahr** 1985 Feb;12(1):48-53 (Eng. Abstr.) **(Ger)**

[High density epidermoid. Protein and lipid analyses of cyst content--case report] Shiraishi K, et al. **Neurol Med Chir (Tokyo)** 1984 Sep;24(9):717-21 (Eng. Abstr.) **(Jpn)**

[Blood serum proteins in diabetes mellitus. Euglobulin level] Efimov AS, et al. **Probl Endokrinol (Mosk)** 1984 Sep-Oct; 30(5):22-8 (Eng. Abstr.) **(Rus)**

DEFICIENCY

Plasmapheresis and cold sensitivity of immunoglobulin molecules. I. A study of hyperviscosity, cryoglobulinemia, euglobulinemia and macroglobulinemia vera. Waldenström JG, et al. **Acta Med Scand** 1984;216(5):449-66

IMMUNOLOGY

Specific reduction of the immune response to sheep red blood cells by the injection of syngeneic globulin on a non-immunogenic carrier. Rubakova EI, et al. **Folia Biol (Praha)** 1984;30(5):296-306

Neutralizing antibody to hepatitis A virus in immune serum globulin and in the sera of human recipients of immune serum globulin. Stapleton JT, et al. **Gastroenterology** 1985 Sep;89(3):637-42

Decreased protective efficacy of reduced and alkylated human immune serum globulin in experimental infection with Haemophilus influenzae type b. Schreiber JR, et al. **Infect Immun** 1985 Jan;47(1):142-8

ISOLATION & PURIFICATION

Purification of testosterone-oestradiol-binding globulins from mammalian sera by anion-exchange high performance liquid chromatography. Cheng CY, et al. **Int J Androl** 1985 Feb;8(1):1-12

Murinoglobulin, a novel protease inhibitor from murine plasma. Isolation, characterization, and comparison with murine alpha-macroglobulin and human alpha-2-macroglobulin. Saito A, et al. **J Biol Chem** 1985 Jan 25;260(2):775-81

METABOLISM

Concentrations of murinoglobulin and alpha-macroglobulin in the mouse serum: variations with age, sex, strain, and experimental inflammation. Yamamoto K, et al. **Biochem Int** 1985 Mar;10(3):463-9

Localization of the conglutinin binding site on the third component of human complement. Hirani S, et al. **J Immunol** 1985 Feb;134(2):1105-9

Relationship between circulating immune complexes, serum interferon and clinical features in sarcoidosis. Biglino A, et al. **Respiration** 1985;47(4):293-8

PHARMACODYNAMICS

Continuous production of interferon in normal mice: effect of anti-interferon globulin, sex, age, strain and environment on the levels of 2-5A synthetase and p67K kinase. Galabru J, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):711-8

[Degradation of protamine and protamine-heparin complexes by proteolytic enzymes of blood serum and serum euglobulin fractions] Roszkowska W, et al. **Acta Haematol Pol** 1984 Jan-Jun;15(1-2):43-7 (Eng. Abstr.) **(Pol)**

[Effect of homologous serum globulin preparations on the intestinal automicroflora of mice after irradiation] Pinegin BV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep; (9):61-5 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Membrane complement receptor type three (CR3) has lectin-like properties analogous to bovine conglutinin as functions as a receptor for zymosan and rabbit erythrocytes as well as a receptor for iC3b. Ross GD, et al. **J Immunol** 1985 May;134(5):3307-15

SERUM PROTEINS see **BLOOD PROTEINS**

SERUM SIALOMUCIN see **OROSOMUCOID**

SERUM SICKNESS

CHEMICALLY INDUCED

Indomethacin-related serum sickness-like illness with IgM lambda cryoparaprotein? Ferraccioli G, et al. **Acta Haematol (Basel)** 1985;73(1):45-6

Serum sickness complicating intravenous streptokinase therapy in acute myocardial infarction. Alexopoulos D, et al. **Eur Heart J** 1984 Dec;5(12):1010-2

Quantitative comparison of adverse reactions to cefaclor vs. amoxicillin in a surveillance study. Levine LR. **Pediatr Infect Dis** 1985 Jul-Aug;4(4):358-61

COMPLICATIONS

The mechanism of action of corticosteroids on glomerular injury in acute serum sickness in rabbits. Tipping PG, et al. **Clin Exp Immunol** 1985 Mar;59(3):555-63

An experimental model of nephritis induced by calf serum injection in mice. Tsuchimoto M, et al. **Jpn J Pharmacol** 1984 Oct;36(2):223-34

DIAGNOSIS

Rapid serologic diagnosis of serum sickness from antithymocyte globulin therapy using enzyme immunoassay. Tatum AH, et al. **Transplantation** 1984 Dec; 38(6):582-6

DRUG THERAPY

Severe systemic vascular necrosis in cyclosporin-treated rabbits with acute serum sickness. Neild GH, et al. **Br J Exp Pathol** 1984 Dec;65(6):731-43

ETIOLOGY

Human serum sickness. Naguwa SM, et al. **Clin Rev Allergy** 1985 Feb;3(1):117-26 (78 ref.)

Unusual reaction to B.C.G. [letter] Renukarya MB. **J Assoc Physicians India** 1984 Jul;32(7):613

[Effect of anti-HLA-A1 and anti-PLA1 antibodies on the efficacy of platelet transfusion] Forest G. **Union Med Can** 1984 Jul;113(7):607-9 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

A study of human serum sickness. Lawley TJ, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):129s-132s

Serum sickness [letter] **N Engl J Med** 1985 May 16; 312(20):1327-8

Serum sickness and immune complexes [editorial] Gilliland BC. **N Engl J Med** 1984 Nov 29;311(22):1435-6

A prospective clinical and immunologic analysis of patients with serum sickness. Lawley TJ, et al. **N Engl J Med** 1984 Nov 29;311(22):1407-13

Human serum sickness. Lawley TJ, et al. **Trans Assoc Am Physicians** 1984;97:49-55

[Characteristics of the immune complexes deposited in the glomeruli in experimental chronic serum sickness nephritis] Masugi Y. **Nippon Ika Daigaku Zasshi** 1984 Dec; 51(6):649-56 (23 ref.) **(Jpn)**

[The effect of antigenic charge on the glomerular deposition of immune complexes in acute serum sickness of rabbits] Kobayashi M, et al. **Nippon Jinzo Gakkai Shi** 1985 Apr; 27(4):473-80 (Eng. Abstr.) **(Jpn)**

[The effect of antigenic charge on the glomerular localization of immune complexes in passive serum sickness nephritis of mice] Koyama A, et al. **Nippon Jinzo Gakkai Shi** 1984 Aug;26(8):1037-44 (Eng. Abstr.) **(Jpn)**

[The effect of antigen charge on the glomerular localization of immune complexes in passive serum sickness nephritis of mice] Ohta Y, et al. **Nippon Jinzo Gakkai Shi** 1984 Aug; 26(8):1029-36 (Eng. Abstr.) **(Jpn)**

METABOLISM

Absence of sodium and water retention in rats with severe proteinuria. Van Liew JB, et al. **Nephron** 1985;40(4):476-81

SERYL T RNA SYNTHETASE see under **AMINO ACYL T RNA SYNTHETASES**

SESAMEX see under **DIOXOLES**

SESAMOID BONES

Dolorous calcification of the lateral sesamoid bursa of the great toe. Kernohan J, et al. **Foot Ankle** 1984 Jul-Aug; 5(1):45-6

The metatarsal sesamoid articulation and first metatarsophalangeal joint function. Sussman RE, et al. **J Am Podiatr Med Assoc** 1985 Jun;75(6):327-30

Posttraumatic sesamoid arthritis of the metacarpophalangeal joint of the thumb. Trumble TE, et al. **J Hand Surg [Am]** 1985 Jan;10(1):94-100

INJURIES

Axial sesamoid injuries associated with lateral condylar fractures in horses. Barclay WP, et al. **J Am Vet Med Assoc** 1985 Feb 1;186(3):278-9

Locking of the thumb at the interphalangeal joint by one of the sesamoid bones. A case report. Kitagawa H, et al. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1300-1

PATHOLOGY

Subchondral bone cysts of the sesamoids. Lemont H, et al. **J Am Podiatr Med Assoc** 1985 Apr;75(4):218-9

[Podotrochilitis. Etiology of lameness in cattle: preliminary report] Marolt J, et al. **Tierarztl Prax** 1984;12(1):5-11 **(Ger)**

RADIOGRAPHY

Radiologic and anatomic observations of plantar sesamoid bones at the tarsometatarsal articulations of greyhounds. Wood AK, et al. **Am J Vet Res** 1984 Oct;45(10):2158-61

The incidence of fabellae in osteoarthrosis of the knee. Pritchett JW. **J Bone Joint Surg [Am]** 1984 Dec; 66(9):1379-80

SURGERY

The sesamoid bones of the hand and their pathology. Wood VE. **J Hand Surg [Br]** 1984 Oct;9(3):261-4

SESQUITERPENES

Reductive amination of 3-ketoanguidin and antitumor activity of the products. Kaneko T, et al. **J Med Chem** 1985 Jul;28(7):958-60

Hernandulcin: an intensely sweet compound discovered by review of ancient literature. Compadre CM, et al. **Science** 1985 Jan 25;227(4685):417-9

Qinghaosu (artemisinin): an antimalarial drug from China. Klayman DL. **Science** 1985 May 31;228(4703):1049-55 (93 ref.)

[Optical rotatory dispersion and circular dichroism studies on nor sesquiterpene lactone degradation from qinghaosu (arteannuin)] Mi JF, et al. **Yao Hsueh Hsueh Pao** 1984 Mar; 19(3):184-9 (Eng. Abstr.) **(Chi)**

[Sesquiterpene lactones of pharmacological importance: structural and functional properties. IV. First revision] Barbetti P, et al. **Ann Ist Super Sanita** 1983;19(2-3):427-48 (Eng. Abstr.) **(Ita)**

ADMINISTRATION & DOSAGE

Randomised comparative study of mefloquine, qinghaosu, and pyrimethamine-sulfadoxine in patients with falciparum malaria. Li GQ, et al. **Lancet** 1984 Dec 15;2(8416):1360-1

[Effect of qinghaosu by rectal administration in the treatment of vivax malaria] Li YQ. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):279 **(Chi)**

[Research on the dose regime of Qinghaosu administration according to its biological half-life] Li CS, et al. **Yao Hsueh Hsueh Pao** 1984 Jun;19(6):410-4 (Eng. Abstr.) **(Chi)**

ADVERSE EFFECTS

[Allergic contact dermatitis due to Asteraceae (Compositae). Cross reaction with Liatris spicata] Goerz G, et al. **Derm Beruf Umwelt** 1985;33(3):95-8 (Eng. Abstr.) **(Ger)**

[Gaillardia allergy] Hausen BM. **Derm Beruf Umwelt** 1985; 33(2):62-5 (Eng. Abstr.) **(Ger)**

[Laurel allergy. Cause, effect and sequelae of the external application of a so-called nature remedy] Hausen BM. **Dtsch Med Wochenschr** 1985 Apr 19;110(16):634-8 (Eng. Abstr.) **(Ger)**

ANALYSIS

Rapid analytical method for the quantitative determination of trichothecene toxins in food and feeds. Bata A, et al. **Acta Vet Hung** 1984;32(1-2):51-6

Detection and quantitation of T-2 mycotoxin with a simplified protein synthesis inhibition assay. Thompson WL, et al. **Appl Environ Microbiol** 1984 Dec;48(6):1176-80

Pollen: evidence and controversy. Cohen H, et al. **Arch Belg** 1984;Suppl:177-201

A gas chromatographic procedure for the toxicological determination of trichothecenes in human tissues and body fluids. Heyndrickx A, et al. **Arch Belg** 1984;Suppl:132-42

Gas chromatography and toxicological determination of trichothecenes in biological and environmental materials: applicability to environmental samples associated with 'yellow rain'. Heyndrickx A, et al. **Arch Belg** 1984; Suppl:110-31

Detection of trichothecene mycotoxins (yellow rain) in blood, urine and faeces of Iranian soldiers treated as victims of a gas attack. Heyndrickx A, et al. **Arch Belg** 1984; Suppl:143-6

Analytical methodology, detection of trichothecenes from Southeast Asian samples and their residue in animal tissue. Mirocha CJ, et al. **Arch Belg** 1984;Suppl:210-8

Fluorimetric detection and quantification of deoxynivalenol with zirconyl nitrate-ethylenediamine. Baxter JA, et al. **Bull Environ Contam Toxicol** 1985 May;34(5):645-9

Sesquiterpene lactones from Ixeris tamagawaensis KITAM. II. Asada H, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug; 32(8):3036-42

The absolute stereostructure of curcumol isolated from Curcuma wenyujin. Inayama S, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3783-6

Distribution of the trichothecene mycotoxin deoxynivalenol (vomitoxin) during the milling of naturally contaminated hard red spring wheat and its fate in baked products. Scott PM, et al. **Food Addit Contam** 1984 Oct-Dec;1(4):313-23

Improved methodology for the simultaneous detection of the trichothecene mycotoxins deoxynivalenol and nivalenol in cereals. Tanaka T, et al. **Food Addit Contam** 1985 Apr-Jun; 2(2):125-37

Analysis for trichothecenes in samples from Southeast Asia associated with 'Yellow Rain'. Watson SA, et al. **Fundam Appl Toxicol** 1984 Oct;4(5):700-17

Capillary gas chromatographic determination of T-2 toxin, HT-2 toxin, and diacetoxyscirpenol in cereal grains. Cohen H, et al. **J Assoc Off Anal Chem** 1984 Nov-Dec; 67(6):1105-7

Improved gas chromatographic method for quantitation of deoxynivalenol in wheat, corn, and feed. Terhune SJ, et al. **J Assoc Off Anal Chem** 1984 Nov-Dec;67(6):1102-4

Assessment of extraction procedures in the analysis of naturally contaminated grain products for deoxynivalenol (vomitoxin). Trenholm HL, et al. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):645-9

Confirmation of nivalenol and deoxynivalenol by on-line liquid chromatography-mass spectrometry and gas chromatography-mass spectrometry. Comparison of methods. Tiebach R, et al. **J Chromatogr** 1985 Jan 4; 318(1):103-11

New reagent for the detection of sesquiterpene lactones by thin-layer chromatography. Villar A, et al. **J Chromatogr** 1984 Oct 26;303(1):306-8

Rapid and high resolution capillary supercritical fluid chromatography (SFC) and SFC/MS of trichothecene mycotoxins. Smith RD, et al. **J Chromatogr Sci** 1985 May; 23(5):192-9

Biological screening test for trichothecenes. Sukroongreung S. **J Med Assoc Thai** 1984 Aug;67(8):432-7

The isolation and identification of trichothecene metabolites from a plant pathogenic strain of Myrothecium roridum. Bean GA, et al. **J Nat Prod** 1984 Jul-Aug;47(4):727-9

Constituents of Helenium amarum, IV. Desacetyl-1-epiisotenulin. ElSohly Ma, et al. **J Nat Prod** 1984 May-Jun;47(3):533-5

Terpenoids from Viguiera potosina. Gao F, et al. **J Nat Prod** 1985 May-Jun;48(3):489-90

Sesquiterpene-coumarin ethers of Ferula tingitana. Miski M, et al. **J Nat Prod** 1985 Mar-Apr;48(2):326-7

Sesquiterpene lactones of one chemical race of Helianthus maximiliani. Stewart E, et al. **J Nat Prod** 1984 Jul-Aug; 47(4):748-50

Sesquiterpene lactones in the molluscidal extract of Eremanthus glomerulatus. Dias Barros DA, et al. **Planta Med** 1985 Feb;(1):38-9

Constituents of Michelia champaca and Lewis acid catalysed transformations of parthenolide into guaianolides. Sethi VK, et al. **Planta Med** 1984 Aug;50(4):364

Chemical constituents of Armillaria mellea mycelium. I. Isolation and characterization of armillarin and armillaridin. Yang JS, et al. **Planta Med** 1984 Aug;50(4):288-90

[Preparation of santalol by centrifugal-thin layer chromatographic method] Yu B. **Chung Yao Tung Pao** 1984 May;9(3):128-30 **(Chi)**

[Optical rotatory dispersion and circular dichroism studies on nor sesquiterpene lactone degradation from qinghaosu (arteannuin)] Mi JF, et al. **Yao Hsueh Hsueh Pao** 1984 Mar; 19(3):184-9 (Eng. Abstr.) **(Chi)**

[Fusarium toxins in feed. Detection and occurrence of trichothecenes] Gareis M, et al. **Tierarztl Prax** 1985;Suppl 1:8-19 (Eng. Abstr.) **(Ger)**

[Determination of deoxynivalenol and nivalenol in cereals at the microgram/kilogram range] Blaas W, et al. **Z Lebensm Unters Forsch** 1984 Aug;179(2):104-8 (Eng. Abstr.) **(Ger)**

BIOSYNTHESIS

Production of T-2 toxin and related trichothecenes on different media. Bata A, et al. **Acta Vet Hung** 1984; 32(3-4):147-52

Production of zearalenone, T-2 toxin, and deoxynivalenol by Fusarium spp. isolated from plant materials grown in North Carolina. Richardson KE, et al. **Mycopathologia** 1985 Jun;90(3):155-60

Production of trichothecenes and zearalenone by Fusarium species isolated from wheat. Chelkowski J, et al. **Nahrung** 1984;28(5):493-6

[Effect of temperature on diacetoxyscirpenol production and on sporulation in a liquid culture of Fusarium sambucinum] Vidal D, et al. **C R Soc Biol (Paris)** 1984;178(5):518-25 (Eng. Abstr.) **(Fre)**

BLOOD

Determination of artesunate and dihydroartemisinine in plasma by liquid chromatography with post-column derivatization and UV-detection. Edlund PO, et al. **Acta Pharm Suec** 1984;21(4):223-34

CHEMICAL SYNTHESIS

Chemical synthesis of the trichothecenes. McDougal PG, et al. **Fortschr Chem Org Naturst** 1985;47:153-219 (172 ref.)

Reductive amination of 3-ketoanguidin and antitumor activity of the products. Kaneko T, et al. **J Med Chem** 1985 Jul;28(7):958-60

Trichothecenes, 1: The synthesis of 4-deoxyverrucarol from verrucarol and diacetoxyscirpenol. Schuda PF, et al. **J Nat Prod** 1984 May-Jun;47(3):514-9

[Studies on analogs of qinghaosu (artean-nuin, artemisinine). III. The synthesis of diacid esters and mono esters of dihydroqinghaosu] Chen YX, et al. **Yao Hsueh Hsueh Pao** 1985 Feb;20(2):105-11 (Eng. Abstr.) **(Chi)**

IMMUNOLOGY

Production and characterization of antibody against diacetoxyscirpenol. Chu FS, et al. **Appl Environ Microbiol** 1984 Oct;48(4):777-80

Production and characterization of antibody against deoxyverrucarol. Chu FS, et al. **Appl Environ Microbiol** 1984 Oct;48(4):781-4

Preparation and characterization of monoclonal antibodies to the trichothecene mycotoxin T-2. Hunter KW Jr, et al. **Appl Environ Microbiol** 1985 Jan;49(1):168-72

Decreased resistance to mycobacterial infection in mice fed a trichothecene compound (T-2 toxin). Kanai K, et al. **Jpn J Med Sci Biol** 1984 Apr;37(2):97-104

ISOLATION & PURIFICATION

Macrocyclic trichothecene toxins produced by Stachybotrys atra strains isolated in Middle Europe. Bata A, et al. **Appl Environ Microbiol** 1985 Mar;49(3):678-81

Simple method for isolation of 4-deoxynivalenol from rice inoculated with Fusarium graminearum. Ehrlich KC, et al. **Appl Environ Microbiol** 1984 Nov;48(5):1053-4

Two new trichothecenes, PD 113,325 and PD 113,326. Smitka TA, et al. **J Antibiot (Tokyo)** 1984 Aug;37(8):823-8

Antibacterial sesquiterpene aryl esters from Armillaria mellea. Donnelly DM, et al. **J Nat Prod** 1985 Jan-Feb; 48(1):10-6

Isolation of artemisinin (qinghaosu) from Artemisia annua growing in the United States. Klayman DL, et al. **J Nat Prod** 1984 Jul–Aug;47(4):715–7

Terpenoids of Helianthus nuttallii. Lee EF, et al. **J Nat Prod** 1984 Nov–Dec;47(6):1021–3

Phytochemical and biological screening of Saudi medicinal plants, Part 6. Isolation of 2 alpha-hydroxyalantolactone the antileukemic principle of Francoeuria crispa. Al-Yahya MA, et al. **J Nat Prod** 1984 Nov–Dec;47(6):1013–7

[Studies on the medicinal plants of Chinese Zingiberaceae. IV. The structure of stahlianthusone] Yu JG, et al. **Yao Hsueh Hsueh Pao** 1983 Nov;18(11):839–42 (Eng. Abstr.) **(Chi)**

METABOLISM

Kinetic profiles of diacetoxyscirpenol and two of its metabolites in blood serum of pigs. Bauer J, et al. **Appl Environ Microbiol** 1985 Apr;49(4):842–5

Identification of various T–2 toxin metabolites in chicken excreta and tissues. Visconti A, et al. **Appl Environ Microbiol** 1985 May;49(5):1246–50

Modification of in vitro metabolism of T–2 toxin by esterase inhibitors. Wei RD, et al. **Appl Environ Microbiol** 1985 Jul;50(1):115–9

Cyclization of farnesyl pyrophosphate to the sesquiterpene olefins humulene and caryophyllene by an enzyme system from sage (Salvia officinalis). Croteau R, et al. **Arch Biochem Biophys** 1984 Sep;233(2):838–41

Arachidonic acid-related elicitors of the hypersensitive response in potato and enhancement of their activities by glucans from Phytophthora infestans (Mont.) deBary. Preisig CL, et al. **Arch Biochem Biophys** 1985 Jan; 236(1):379–89

Microbial transformations of some monoterpenoids and sesquiterpenoids. Abraham WR, et al. **Ciba Found Symp** 1985;111:146–60

Metabolic fate of Qinghaosu in rats; a new TLC densitometric method for its determination in biological material. Niu XY, et al. **Eur J Drug Metab Pharmacokinet** 1985 Jan–Mar;10(1):55–9

Penetration of [3H]T–2 toxin through excised human and guinea-pig skin during exposure to [3H]T–2 toxin adsorbed to corn dust. Kemppainen BW, et al. **Food Chem Toxicol** 1984 Nov;22(11):893–6

Nontransmission of deoxynivalenol (vomitoxin) to milk following oral administration to dairy cows. Prelusky DB, et al. **J Environ Sci Health [B]** 1984 Oct;19(7):593–609

Detection of only JH III in several life-stages of Nauphoeta cinerea and Thermobia domestica. Baker FC, et al. **Life Sci** 1984 Oct 8;35(15):1553–60

High specific activity enantiomerically enriched juvenile hormones: synthesis and binding assay. Prestwich GD, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5290–4

Fate and distribution of 3H-labeled T–2 mycotoxin in guinea pigs. Pace JG, et al. **Toxicol Appl Pharmacol** 1985 Sep 30; 80(3):377–85

[Synthesis of sesquiterpene metabolites in a Trichothecium roseum culture] Maksimova RA, et al. **Biol Nauki** 1985; (6):96–9 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Induction and isolation of artemisinine-resistant mutants of Plasmodium falciparum. Inselburg J. **Am J Trop Med Hyg** 1985 May;34(3):417–8

Qinghaosu-induced changes in the morphology of Plasmodium inui. Jiang JB, et al. **Am J Trop Med Hyg** 1985 May;34(3):424–8

Inhibition of mitogen-induced blastogenesis in human lymphocytes by T–2 toxin and its metabolites. Forsell JH, et al. **Appl Environ Microbiol** 1985 Jun;49(6):1523–6

Hymenoxon: biologic and toxic effects. Merrill J, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3383–6

Indirect inactivation of rabbit reticulocyte initiation factor eIF-2 by helenalin and bis(helenalinyl) malonate. Williams WL Jr, et al. **Biochemistry** 1984 Nov 6;23(23):5637–44

Characterisation of hemolysis induced by T–2 toxin. Gyongyossy-Issa MI, et al. **Biochim Biophys Acta** 1985 Feb 15;838(2):252–6

Interaction of T–2 toxin and murine lymphocytes and the demonstration of a threshold effect on macromolecular synthesis. Gyongyossy-Issa MI, et al. **Biochim Biophys Acta** 1985 Feb 21;844(2):167–73

Biointeraction of dietary T–2 toxin and zinc in mice. Chanin BE, et al. **Can J Physiol Pharmacol** 1984 Oct;62(10):1320–6

Potent antileukemic activity of the novel cytostatic agent avarone and its analogues in vitro and in vivo. Müller WE, et al. **Cancer Res** 1985 Oct;45(10):4822–6

The mechanism of cell-mediated cytotoxicity. IV. K–76 COONa, which inhibits the activity of Factor I and of C5, inhibits early events in cytotoxic T-lymphocyte-mediated cytolysis and in T-lymphocyte activation. Redelman D, et al. **Cell Immunol** 1984 Oct 1; 88(1):16–28

Avarol, a cytostatically active compound from the marine sponge Dysidea avara. Müller WE, et al. **Comp Biochem Physiol [C]** 1985;80(1):47–52

Effect of mycotoxin (T–2 toxin) on catecholamine and Na+, K+-ATPase levels in rat epididymis. Singh US, et al. **Experientia** 1985 Mar 15;41(3):363–4

Effect of trichothecenes on growth and intracellular pool size of Mycoplasma gallisepticum. Rottem S, et al. **FEBS Lett** 1984 Sep 17;175(1):189–92

Hydrogen peroxide from cellular metabolism of cystine. A requirement for lysis of murine tumor cells by vernolepin, a glutathione-depleting antineoplastic. Arrick BA, et al. **J Clin Invest** 1985 Aug;76(2):567–74

Juvenile hormone I effects on the camel tick, Hyalomma dromedarii (Acari: Ixodidae). Khalil GM, et al. **J Med Entomol** 1984 Sep 28;21(5):561–6

Antitumor agents 68: effects of a series of helenalin derivatives on P–388 lymphocytic leukemia nucleic acid and protein synthesis. Hall IH, et al. **J Pharm Sci** 1985 Mar;74(3):250–4

Cardiorespiratory, sympathetic and biochemical responses to T–2 toxin in the guinea pig and rat. Feuerstein G, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):786–94

Inhibitory effect of a novel anticomplementary agent, K–76COONa, on the release of histamine induced by zymosan and compound 48/80. Konno S, et al. **Jpn J Pharmacol** 1985 May;38(1):116–9

Effects of trichothecenes (T–2 toxin) on protein synthesis in vitro by brain polysomes and messenger RNA. Murthy MR, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985;9(3):251–8

Methionine and leucine enkephalin in rat neurohypophysis: different responses to osmotic stimuli and T2 toxin. Zamir N, et al. **Science** 1985 May 3;228(4699):606–8

Effect of deoxynivalenol (vomitoxin) on the humoral immunity of mice. Tryphonas H, et al. **Toxicol Lett** 1984 Oct;23(1):17–24

[Studies of mechanisms of diarrhea induced by fusarenon–X, a trichothecene mycotoxin from Fusarium species; the effects of fusarenon–X and various cathartics on the digestion and the absorption of the mouse intestine] Matsuoka Y, et al. **Yakugaku Zasshi** 1985 Jan;105(1):77–82 (Eng. Abstr.) **(Jpn)**

[Comparative study of the effect of T–2 and HT–2 mycotoxins on cellular and humoral immunity] Tutel'ian VA, et al. **Gig Sanit** 1985 Apr;(4):66–8 **(Rus)**

POISONING

TDP–1, a toxic component causing tibial dyschondroplasia in broiler chickens, and trichothecenes from Fusarium roseum 'Graminearum'. Lee YW, et al. **Appl Environ Microbiol** 1985 Jul;50(1):102–7

Dexamethasone decreases lethality of rats in acute poisoning with T–2 toxin. Tremel H, et al. **Arch Toxicol** 1985 Apr; 57(1):74–5

Rejection by pigs of mouldy grain containing deoxynivalenol. Moore CJ, et al. **Aust Vet J** 1985 Feb;62(2):60–2

Feeding trials with vomitoxin (deoxynivalenol)–contaminated wheat: effects on swine, poultry, and dairy cattle. Trenholm HL, et al. **J Am Vet Med Assoc** 1984 Sep 1;185(5):527–31

The incident at Tuol Chrey: pathologic and toxicologic examinations of a casualty after chemical attack. Stahl CJ, et al. **J Forensic Sci** 1985 Apr;30(2):317–37

[Mechanism of the protective effect of modifiers of the liver enzyme systems metabolyzing xenobiotics in acute T–2 mycotoxicosis] Kravchenko LV, et al. **Dokl Akad Nauk SSSR** 1984;276(5):1270–3 **(Rus)**

THERAPEUTIC USE

Qinghaosu, mefloquine, and pyrimethamine-sulfadoxine in falciparum malaria [letter] Arnold K. **Lancet** 1985 Mar 23; 1(8430):704

Mechanism of antihepatotoxic activity of atractylon, I: Effect on free radical generation and lipid peroxidation. Kiso Y, et al. **Planta Med** 1985 Apr;(2):97–100

TOXICITY

Effect of diet on T–2 toxicosis. Smith TK, et al. **Adv Exp Med Biol** 1984;177:153–67

Preliminary study of the pharmacokinetics and toxicopathy of deoxynivalenol (vomitoxin) in swine. Coppock RW, et al. **Am J Vet Res** 1985 Jan;46(1):169–74

Effect of deoxynivalenol (vomitoxin) on fertility, pregnancy, and postnatal development of Sprague-Dawley rats. Morrissey RE, et al. **Appl Environ Microbiol** 1985 May; 49(5):1062–6

Survey of sensitivity of twelve yeast genera toward T–2 toxin. Sukroongreung S, et al. **Appl Environ Microbiol** 1984 Aug;48(2):416–9

Effects of dietary trichothecenes on the immune system of mice. Schiefer HB, et al. **Arch Belg** 1984;Suppl:220–2

Lethal hemorrhages in pregnant mice following one oral dose of T–2 toxin. Schiefer HB. **Arch Belg** 1984;Suppl:252–3

Systemic effects of topical application of trichothecenes in rodents. Schiefer HB. **Arch Belg** 1984;Suppl:223–5

Toxicological properties of T–2 toxin and related trichothecenes. Ueno Y, et al. **Arch Belg** 1984;Suppl:160–72

Differential inhibition by T–2 toxin of total protein, DNA and isoprenoid synthesis in the culture macrophage cell line J774. Melmed RN, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2809–12

Effect of subclinical levels of T–2 toxin on the bovine cellular immune system. Mann DD, et al. **Can J Comp Med** 1984 Jul;48(3):308–12

Fatal placental hemorrhage in pregnant CD–1 mice following one oral dose of T–2 toxin. Rousseaux CG, et al. **Can J Comp Med** 1985 Jan;49(1):95–8

Deoxynivalenol-contaminated wheat in swine diets. Pollmann DS, et al. **J Anim Sci** 1985 Jan;60(1):239–47

Ingestion of vomitoxin (deoxynivalenol)–contaminated wheat by nonlactating dairy cows. Trenholm HL, et al. **J Dairy Sci** 1985 Apr;68(4):1000–5

Toxicity of the sesquiterpene lactone parthenin to cultured bovine kidney cells. Narasimhan TR, et al. **Planta Med** 1985 Jun;(3):194–7

The tolerance of White Leghorn and broiler chicks, and turkey poults to diets that contained deoxynivalenol (vomitoxin)–contaminated wheat. Hamilton RM, et al. **Poult Sci** 1985 Feb;64(2):273–86

The hemostatic derangement produced by T–2 toxin in guinea pigs. Cosgriff TM, et al. **Toxicol Appl Pharmacol** 1984 Dec;76(3):454–63

Systemic effects of topical application of T–2 toxin in mice. Schiefer HB, et al. **Toxicol Appl Pharmacol** 1984 Dec; 76(3):464–72

Inhibitory effect of deoxynivalenol, 3–acetyldeoxynivalenol and zearalenone on induction of rat and human lymphocyte proliferation. Atkinson HA, et al. **Toxicol Lett** 1984 Nov; 23(2):215–21

Trichothecene structure and toxicity to the green alga Chlorella pyrenoidosa. Ikawa M, et al. **Toxicon** 1985; 23(3):535–7

A severe reduction in egg laying in a flock of hens associated with trichothecene mycotoxins in the feed. Shlosberg A, et al. **Vet Hum Toxicol** 1984 Oct;26(5):384–6

[Effect of qinghaosu on the frequency of occurrence of micronucleus of mouse bone marrow polychromatic erythrocytes] Yang LX. **Chung Yao Tung Pao** 1984 May; 9(?):132–4 **(Chi)**

[Cytocidal effects of fusarium–toxin on hematopoietic stem cells] Yoshida K, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Nov;47(7):1389–95 (Eng. Abstr.) **(Jpn)**

[Effect of vitamin A excess and T–2 toxin on the enzyme system activities of the second phase of xenobiotic metabolism in the rat liver] Kravchenko LV, et al. **Vopr Med Khim** 1984;30(6):88–91 (Eng. Abstr.) **(Rus)**

[Toxicological characteristics of acute and subacute T–2 mycotoxicosis in mice] Levitskaia AB, et al. **Vopr Pitan** 1985 May–Jun;(3):59–62 (Eng. Abstr.) **(Rus)**

URINE

Observations on the chemical and physiological properties of urodiolenone, an urinary compound found in hypertension. Neufeld E, et al. **Nephron** 1985;39(2):146–8

SET (PSYCHOLOGY)

The feeling of knowing for different types of retrieval failure. Krinsky R, et al. **Acta Psychol (Amst)** 1985 Feb; 58(2):141–58

Generalized expectations of drug-delinquents, other delinquents, and a control sample. Krampen G, et al. **Addict Behav** 1984;9(4):421–3

Concordance between physiological and subjective measures of sexual arousal. Hall KS, et al. **Behav Res Ther** 1985; 23(3):297–303

Dental pessimism: negative cognitions in fearful dental patients. Wardle J. **Behav Res Ther** 1984;22(5):553–6

Physiological reactivity to alcohol cues and the awareness of an alcohol effect in a double-blind placebo design. Kaplan RF, et al. **Br J Addict** 1984 Dec;79(4):439–42

A test of cognitive vulnerability in individuals prone to depression. Blackburn IM, et al. **Br J Clin Psychol** 1985 Feb;24 (Pt 1):61–2

Attributional style and depression. Hargreaves IR. **Br J Clin Psychol** 1985 Feb;24 (Pt 1):65–6

Noncontingent stimulation, stimulus familiarization, and subsequent learning in young infants. Gekoski MJ, et al. **Child Dev** 1984 Dec;55(6):2226–33

Why does children's generosity increase with age: susceptibility to experimenter influence or altruism? Zarbatany L, et al. **Child Dev** 1985 Jun;56(3):746–56

Pena in the Ecuadorian Sierra: a psychoanthropological analysis of sadness. Tousignant M. **Cult Med Psychiatry** 1984 Dec;8(4):381–98

Anticipatory response-relevant muscle activity, CNV amplitude and simple reaction time. Haagh SA, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul;61(1):30–9

Personality factors associated with anticipatory nausea/vomiting in patients receiving cancer chemotherapy. van Komen RW, et al. **Health Psychol** 1985; 4(3):189–202

Control beliefs in an action perspective. Skinner EA, et al. **Hum Dev** 1984;27(3–4):129–33

Causal attribution of mood in the climacterium. Lyon BM. **Int J Aging Hum Dev** 1984–85;20(3):191–204

Public attitudes towards mental illness––the effects of behaviour, roles and psychiatric labels. Nieradzik K, et al. **Int J Soc Psychiatry** 1985 Spring;31(1):23–33

Longitudinal study of cognitions, life events, and depression in psychiatric inpatients. Persons JB, et al. **J Abnorm Psychol** 1985 Feb;94(1):51–63

Expectancy effects on anxiety and self-generated cognitive strategies in high and low dental-anxious females. Richardson SS, et al. **J Behav Ther Exp Psychiatry** 1984 Sep;15(3):241–7

Assessment of change-agent expectations in reversal-to-baseline designs. Uselding DK, et al. **J Behav Ther Exp Psychiatry** 1984 Sep;15(3):249–53

Antecedent and attendant stimuli in smoking: implications for behavioral maintenance and modification. Buckalew LW, et al. **J Clin Psychol** 1984 Jul;40(4):1101-6

The Irrational Beliefs Test: its relationship with cognitive-behavioral traits and depression. Cash TF. **J Clin Psychol** 1984 Nov;40(6):1399-405

Irrational beliefs of shoplifters. Solomon GS, et al. **J Clin Psychol** 1984 Jul;40(4):1075-7

Development of anticipatory nausea: a prospective analysis. Andrykowski MA, et al. **J Consult Clin Psychol** 1985 Aug;53(4):447-54

Expectancies versus background in the prediction of college drinking patterns. Brown SA. **J Consult Clin Psychol** 1985 Feb;53(1):123-30

Do alcohol expectancies mediate drinking patterns of adults? Brown SA, et al. **J Consult Clin Psychol** 1985 Aug;53(4):512-9

Cognitive-somatic anxiety response patterning in chronic pain patients and nonpatients. DeGood DE, et al. **J Consult Clin Psychol** 1985 Feb;53(1):137-8

Cognitive bias and depression in psychiatrically disturbed children and adolescents. Haley GM, et al. **J Consult Clin Psychol** 1985 Aug;53(4):535-7

A secondary-task analysis of a word familiarity effect. Proctor JD, et al. **J Exp Psychol [Hum Percept]** 1985 Jun;11(3):286-303

A test of the differences between anticipation and study-test methods of paired-associate learning. Izawa C. **J Exp Psychol [Learn Mem Cogn]** 1985 Jan;11(1):165-84

Semantic activation of noun concepts in context. Whitney P, et al. **J Exp Psychol [Learn Mem Cogn]** 1985 Jan;11(1):126-35

The identity model and factors controlling the superiority of the study-test method over the anticipation method Izawa C. **J Gen Psychol** 1985 Jan;112(1):65-78

The effect of Parkinson's disease on the ability to maintain a mental set. Flowers KA, et al. **J Neurol Neurosurg Psychiatry** 1985 Jun;48(6):517-29

Expectation and experience in alternative and conventional birth. Chute GE. **J Obstet Gynecol Neonatal Nurs** 1985 Jan-Feb;14(1):61-7

Record keeping in two types of relationships. Clark MS. **J Pers Soc Psychol** 1984 Sep;47(3):549-57

Perceptions of stressful life events and depression: a test of attributional models. Cochran SD, et al. **J Pers Soc Psychol** 1985 Jun;48(6):1562-71

Volitional experiences associated with breaching posthypnotic amnesia. Coe WC, et al. **J Pers Soc Psychol** 1985 Mar;48(3):716-22

A thematic analysis of the experience of time. Dapkus MA. **J Pers Soc Psychol** 1985 Aug;49(2):408-19

Attributions, expectations, and coping with abortion. Major B, et al. **J Pers Soc Psychol** 1985 Mar;48(3):585-99

Voice recognition and the ontological status of self-deception. Sackeim HA, et al. **J Pers Soc Psychol** 1985 May;48(5):1365-72

Misattribution and speech anxiety. Slivken KE, et al. **J Pers Soc Psychol** 1984 Aug;47(2):396-402

Effects of instructions to disregard information on its subsequent recall and use in making judgments. Wyer RS Jr, et al. **J Pers Soc Psychol** 1985 Mar;48(3):533-49

Attributional style: degree of depression, respondent's sex, and nature of the attributional event. Calicchia JP, et al. **J Psychol** 1984 Jul;117(2D Half):167-75

Helping behavior of females: effects of stress and commonality of fate. Hayden SR, et al. **J Psychol** 1984 Jul;117(2D Half):233-7

Relationship between subjective expected utility and behavior: a longitudinal study of adolescent drinking behavior. Bauman KE, et al. **J Stud Alcohol** 1985 Jan;46(1):32-8

Reinforcement expectancies and alcoholism treatment outcome after a one-year follow-up. Brown SA. **J Stud Alcohol** 1985 Jul;46(4):304-8

Self-reported intoxication among Hispanics in northern California. Caetano R. **J Stud Alcohol** 1984 Jul;45(4):349-54

Effects of family drinking history and expectancies on responses to alcohol in men. O'Malley SS, et al. **J Stud Alcohol** 1985 Jul;46(4):289-97

Effects of social influences and waiting on time judgment. Ahmadi KS. **Percept Mot Skills** 1984 Dec;59(3):771-6

Misinterpretation of instructions in an aftereffect task. Baker AH, et al. **Percept Mot Skills** 1984 Aug;59(1):159-62

Do confusing information and egocentric instructions influence perception? Brown MS. **Percept Mot Skills** 1984 Aug;59(1):15-20

Influence of instructions and cognitive articulation on reducing the Müller-Lyer illusion with a repeated trial. Di Nuovo S. **Percept Mot Skills** 1984 Dec;59(3):791-6

Subjective assessment of sleep by Sleep Questionnaire. Domino G, et al. **Percept Mot Skills** 1984 Aug;59(1):163-70

Stability of whole vs part perceptions of visual stimuli. Scruggs TE, et al. **Percept Mot Skills** 1984 Oct;59(2):547-50

'Spontaneous' causal thinking. Weiner B. **Psychol Bull** 1985 Jan;97(1):74-84

Relationships between irrational beliefs and self-report indices of psychopathology. Evans RM, et al. **Psychol Rep** 1984 Oct;55(2):545-6

Changes in rational beliefs among treated alcoholics. Ray JB, et al. **Psychol Rep** 1984 Dec;55(3):883-6

Importance, causal attributions and the emotion of anger. Försterling F. **Z Psychol** 1984;192(4):425-32

[Localization of form/color interference in perception in a Stroop task with drawn stimuli] Ménard-Buteau C, et al. **Can J Psychol** 1984 Sep;38(3):421-39 (Eng. Abstr.) **(Fre)**

[Procedure for avoiding problem-solving orientation in verbal conditioning--double agent study] Braun L. **Arch Psychol (Frankf)** 1984;136(3):181-94 (Eng. Abstr.) **(Ger)**

[Familiar and assumed size as signal of distance and depth perception] Bredenkamp J. **Arch Psychol (Frankf)** 1984;136(2):89-105 (Eng. Abstr.) **(Ger)**

[Modification of psychophysiologic reactions in a stress situation by experience] Erdmann G, et al. **Arch Psychol (Frankf)** 1984;136(4):301-15 (Eng. Abstr.) **(Ger)**

[Differential controlling functions of motivation and prior experience in the acquisition of psychomotor skills] Meier F. **Arch Psychol (Frankf)** 1984;136(1):77-87 (Eng. Abstr.) **(Ger)**

[Relations between subjective experience and physiologic reactions in an emotional stress test] Neus H, et al. **Arch Psychol (Frankf)** 1984;136(1):1-11 (Eng. Abstr.) **(Ger)**

[Importance of events as a determinant of state orientation] Stiensmeier J. **Arch Psychol (Frankf)** 1985;137(1):1-11 (Eng. Abstr.) **(Ger)**

[Flower or rose? Differences in visual information processing of experts and amateurs] Zimmer HD. **Arch Psychol (Frankf)** 1984;136(4):343-61 (Eng. Abstr.) **(Ger)**

[Possibility of direct distance perception: relation of objective and phenomenal center] Kebeck G, et al. **Z Exp Angew Psychol** 1985;32(2):250-62 (Eng. Abstr.) **(Ger)**

[Effects of self concept on causal attributions and emotional reactions in imagined success and failure situations] Beutel M, et al. **Z Klin Psychol Psychopathol Psychother** 1984;32(2):146-58 **(Ger)**

[Effect of experimental conditions on the acquisition and retention of conditioned taste aversion in white rats] Kassil' VG, et al. **Dokl Akad Nauk SSSR** 1984;277(3):746-8 **(Rus)**

SETARIASIS see under **FILARIASIS**

SEVIN

ANALYSIS

Reversed-phase high performance liquid chromatographic determination of carbaryl in postmortem specimens. Duck BJ, et al. **J Anal Toxicol** 1985 Jul-Aug;9(4):177-9

METABOLISM

The effect of pH on the selection of carbaryl-degrading bacteria from garden soil. Larkin MJ, et al. **J Appl Bacteriol** 1985 Feb;58(2):175-85

Percutaneous absorption and dermal dose-cholinesterase response studies with parathion and carbaryl in the rat. Knaak JB, et al. **Toxicol Appl Pharmacol** 1984 Nov;76(2):252-63

PHARMACODYNAMICS

Effect of the carbamate insecticide Sevin on Anabaena sp. and Westiellopsis prolifica. Adhikary SP, et al. **Acta Microbiol Hung** 1984;31(4):335-8

Effect of pentylenetetrazol on carbaryl-induced changes in striatal catecholamines. Ray SK, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):553-7

Carbaryl inhibition of interferon synthesis in cultured goldfish cells. Shea TB. **Bull Environ Contam Toxicol** 1985 Jan;34(1):109-13

Combined action of carbaryl and phenthoate on tissue lipid derivatives of murrel, Channa punctatus (Bloch). Rao KS, et al. **Ecotoxicol Environ Safety** 1985 Feb;9(1):107-11

The interaction of carbaryl with the metabolism of isolated hepatocytes: II. Effect on gluconeogenesis. Parafita MA, et al. **Gen Pharmacol** 1984;15(4):333-7

The interaction of carbaryl with the metabolism of isolated hepatocytes: I. Effect on respiration and glycolysis. Parafita MA, et al. **Gen Pharmacol** 1984;15(4):327-31

Effect of carbaryl on catecholamines in brain regions. Ray SK, et al. **Indian J Exp Biol** 1984 Mar;22(3):141-4

[Effect of phoschlor, carbatox and copper sulfate on the invasive capacity of Fasciola hepatica L. larvae] Bielecki A. **Wiad Parazytol** 1985;31(1):3-25 (Eng. Abstr.) **(Pol)**

POISONING

[Binuclear neurons in the brain of hens in experimental pesticide poisoning] Lakomy M, et al. **Pol Arch Weter** 1984;24(2):247-52 (Eng. Abstr.) **(Pol)**

TOXICITY

Combination effect of carbaryl and malathion in rats. Abdel-Rahman MS, et al. **Arch Environ Contam Toxicol** 1985 Jul;14(4):459-64

Alterations in rat liver microsomal enzymes following exposure to carbaryl and malathion in combination. Lechner DW, et al. **Arch Environ Contam Toxicol** 1985 Jul;14(4):451-7

Effects of carbaryl on gonadal development in the chick embryo. Swartz WJ. **Bull Environ Contam Toxicol** 1985 Apr;34(4):481-5

Evaluation of carbamate toxicity: acute toxicity in a culture of Paramecium multimicronucleatum upon exposure to aldicarb, carbaryl, and mexacarbate as measured by Warburg respirometry and acute plate assay. Edmiston CE Jr, et al. **Environ Res** 1985 Apr;36(2):338-50

A teratology study of carbaryl and malathion mixtures in rat. Lechner DM, et al. **J Toxicol Environ Health** 1984;14(2-3):267-78

SEWAGE

Effect of benzene and xylene on the work of activated sludge. Bieszkiewicz E, et al. **Acta Microbiol Pol** 1984;33(3-4):271-6

Removal of excess activated sludge by aerobic mineralization. Lopatowska K. **Acta Microbiol Pol** 1984;33(3-4):263-70

Enzymatic activity of activated sludge in biological treatment of wastewater containing dimethylamine, dimethylformamide and methylethylketone. Sztajer H, et al. **Acta Microbiol Pol** 1984;33(2):171-8

Anaerobic wastewater treatment. Sahm H. **Adv Biochem Eng Biotechnol** 1984;29:83-115 (90 ref.)

Two comments on fetal loss and wastewater workers [letter] **Am J Public Health** 1985 Jan;75(1):98-9

Serologic survey of rotavirus, Norwalk agent and Prototheca wickerhamii in wastewater workers. Clark CS, et al. **Am J Public Health** 1985 Jan;75(1):83-5

Heavy metals in tissues of cattle exposed to sludge-treated pastures for eight years. Fitzgerald PR, et al. **Am J Vet Res** 1985 Mar;46(3):703-7

Heavy metals in fluids and tissues of fetal calves and in young calves of nursing cows exposed or not exposed to anaerobically digested wastewater sludge. Fitzgerald PR, et al. **Am J Vet Res** 1985 Jan;46(1):165-8

Toxicologic studies with lambs fed sugar beets grown on municipal sludge-amended soil: lowered relative hemoglobin in red blood cells and mutagens in blood and excreta. Telford JN, et al. **Am J Vet Res** 1984 Dec;45(12):2490-4

Studies on bacterial activities in aerobic and anaerobic waste water purification. Adamse AD, et al. **Antonie Van Leeuwenhoek** 1984;50(5-6):665-82 (54 ref.)

The survival of anaerobes during sewage treatment employing biological filter beds. Thirkell D, et al. **Antonie Van Leeuwenhoek** 1985;51(1):71-8

R-plasmid transfer in Salmonella spp. isolated from wastewater and sewage-contaminated surface waters. Alcaide E, et al. **Appl Environ Microbiol** 1984 Aug;48(2):435-8

Biodegradation of [14C]phenol in secondary sewage and landfill leachate measured by double-vial radiorespirometry. Deeley GM, et al. **Appl Environ Microbiol** 1985 Apr;49(4):867-9

Multiplicity of aspartate transport in thin wastewater biofilms. Eighmy TT, et al. **Appl Environ Microbiol** 1984 Dec;48(6):1151-8

Effect of an activated sludge wastewater treatment plant on ambient air densities of aerosols containing bacteria and viruses. Fannin KF, et al. **Appl Environ Microbiol** 1985 May;49(5):1191-6

Round robin investigation of methods for recovering human enteric viruses from sludge. Goyal SM, et al. **Appl Environ Microbiol** 1984 Sep;48(3):531-8

Human pathogenic viruses at sewage sludge disposal sites in the Middle Atlantic region. Goyal SM, et al. **Appl Environ Microbiol** 1984 Oct;48(4):758-63

Effect of organic contamination upon microbial distributions and heterotrophic uptake in a Cape Cod, Mass., aquifer. Harvey RW, et al. **Appl Environ Microbiol** 1984 Dec;48(6):1197-202

Microbial removal of wastewater organic compounds as a function of input concentration in soil columns. Hutchins SR, et al. **Appl Environ Microbiol** 1984 Nov;48(5):1039-45

Comparison of selective media for assay of coliphages in sewage effluent and lake water. Kennedy JE Jr, et al. **Appl Environ Microbiol** 1985 Jan;49(1):33-6

Dynamics of pollution-indicator and heterotrophic bacteria in sewage treatment lagoons. Legendre P, et al. **Appl Environ Microbiol** 1984 Sep;48(3):586-93

Mechanisms and pathways of aniline elimination from aquatic environments. Lyons CD, et al. **Appl Environ Microbiol** 1984 Sep;48(3):491-6

Effect of seeding during thermophilic composting of sewage sludge. Nakasaki K, et al. **Appl Environ Microbiol** 1985 Mar;49(3):724-6

Survival of parasite eggs upon storage in sludge. O'Donnell CJ, et al. **Appl Environ Microbiol** 1984 Sep;48(3):618-25

Comparison of methods of enumerating coliforms after UV disinfection. Qualls RG, et al. **Appl Environ Microbiol** 1984 Oct;48(4):699-701

Enrichment medium for isolation of Campylobacter jejuni-Campylobacter coli. Rogol M, et al. **Appl Environ Microbiol** 1985 Jul;50(1):125-6

Role of resistance to starvation in bacterial survival in sewage and lake water. Sinclair JL, et al. **Appl Environ Microbiol** 1984 Aug;48(2):410-5

Metabolites and biodegradation pathways of fatty alcohol ethoxylates in microbial biocenoses of sewage treatment plants. Steber J, et al. **Appl Environ Microbiol** 1985 Mar;49(3):530-7

Septage treatments to reduce the numbers of bacteria and polioviruses. Stramer SL, et al. **Appl Environ Microbiol** 1984 Sep;48(3):566–72

Filamentous sulfur bacteria of activated sludge: characterization of Thiothrix, Beggiatoa, and Eikelboom type 021N strains. Williams TM, et al. **Appl Environ Microbiol** 1985 Apr;49(4):887–98

One small slip and its consequences. Pleydell M. **Br Med J [Clin Res]** 1984 Dec 22–29;289(6460):1729–30

Rapid assessment of effluent toxicities using E. coli as a bioindicator. Thompson GA, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):75–9

Brominated phenol production from the chlorination of wastewater containing bromide ions. Watanabe I, et al. **Bull Environ Contam Toxicol** 1984 Oct;33(4):395–9

Developing alternative approaches to urban wastewater disposal in Latin America and the Caribbean. Bartone CR, et al. **Bull Pan Am Health Organ** 1984;18(4):323–36

Seasonal distribution of enteroviruses and adenoviruses in domestic sewage. Krikelis V, et al. **Can J Microbiol** 1985 Jan;31(1):24–5

Salmonellae and pollution indicator bacteria in municipal and food processing effluents and the Cornwallis River. Menon AS. **Can J Microbiol** 1985 Jul;31(7):598–603

Disappearance kinetics of 2,4– and 3,4–dichlorophenol in a fluvial system. Carey JH, et al. **Can J Physiol Pharmacol** 1984 Aug;62(8):971–5

The agricultural use of municipal sewage. Hamilton DL, et al. **Can J Physiol Pharmacol** 1984 Aug;62(8):1049–55

Decontamination and disposal of PCB wastes. Johnston LE. **Environ Health Perspect** 1985 May;60:339–46

Mutagenic 1–nitropyrene in wastewater from oil–water separating tanks of gasoline stations and in used crankcase oil. Manabe Y, et al. **Environ Mutagen** 1984;6(5):669–81

A low–cost tritiated water solar evaporator. Couch JG, et al. **Health Phys** 1985 Jan;48(1):117–9

Distribution of gamma exposure rates in a reactor effluent stream flood plain system. Gladden JB, et al. **Health Phys** 1985 Jan;48(1):49–59

A rapid, economical technique for removing radioactivity from receptor binding assay aqueous wastes. Hancock AA. **Health Phys** 1984 Oct;47(4):640–1

Disposal of laboratory–generated liquid radioactive waste [letter] Zelac RE. **Health Phys** 1985 Aug;49(2):324

Effects of dietary sewage solids on feedlot performance, carcass characteristics, serum constituents and tissue elements of growing lambs. Sanson DW, et al. **J Anim Sci** 1984 Aug;59(2):425–31

Effects of long–term consumption of sewage solids on blood, milk and tissue elemental composition of breeding ewes. Sanson DW, et al. **J Anim Sci** 1984 Aug;59(2):416–24

An assessment of Bacteroides fragilis group organisms as indicators of human faecal pollution. Allsop K, et al. **J Appl Bacteriol** 1985 Jan;58(1):95–9

A note on antibiotic resistance in the bacterial flora of raw sewage and sewage–polluted River Tigris in Mosul, Iraq. Al–Jebouri MM. **J Appl Bacteriol** 1985 Apr;58(4):401–6

The detection of rotaviruses in products of wastewater treatment. Bates J, et al. **J Hyg (Lond)** 1984 Dec;93(3):639–43

Salmonellae in sewage sludge and abattoir effluent in south–east Scotland. Linklater KA, et al. **J Hyg (Lond)** 1985 Jun;94(3):301–7

Salmonella isolation with Rappaport–Vassiliadis enrichment medium seeded with different sized inocula of pre–enrichment cultures of meat products and sewage polluted water. Vassiliadis P, et al. **J Hyg (Lond)** 1985 Aug;95(1):139–47

Toxicologic studies with male sheep grazing on municipal sludge–amended soil. Hogue DE, et al. **J Toxicol Environ Health** 1984;14(2–3):153–61

Isolation of different bacteriophages using the LamB protein for adsorption on Escherichia coli K–12. Charbit A, et al. **J Virol** 1985 Feb;53(2):667–71

Papillomas on fish exposed to chlorinated wastewater effluent. Grizzle JM, et al. **JNCI** 1984 Nov;73(5):1133–42

Intraparticle diffusivity of methylene blue into pores of pyrolysis ashes reduced in volume by the press from sewage sludge. Tanada S, et al. **Nippon Eiseigaku Zasshi** 1985 Feb;39(6):894–8

Toxicologic studies associated with the agricultural use of municipal sewage sludge and health effects among sewage treatment plant workers. Babish JG, et al. **Regul Toxicol Pharmacol** 1984 Sep;4(3):305–21

Chemical water and wastewater treatment. Practical experience and new concepts. Proceedings from the 1st Gothenburg Symposium, 1984. **Schriftenr Ver Wasser Boden Lufthyg** 1985;62:1–310

Significance and behaviour of heavy metals in wastewater treatment processes. IV. Water quality standards and criteria. Kirk PW, et al. **Sci Total Environ** 1984 Dec;40:1–44 (100 ref.)

The recovery of injured bacteria from water, sewage and sewage effluents: a round table discussion. White WR, et al. **Soc Appl Bacteriol Symp Ser** 1984;(12):372–82

Preliminary evaluation of the ELISA as a tool for the detection of rotaviruses in activated sewage sludge. Agbalika F, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 May;180(5–6):534–9

Occurrence of Salmonella in a chemical wastewater treatment plant. de Zutter L, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Oct;179(5):440–8

[Monitoring and evaluation of disinfecting effect by chlorination of hospital sewage] Zhou YL. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Sep;18(5):257–9 (Eng. Abstr.) **(Chi)**

[Poliovirus type 2 in sewage canals in Prague in 1981–1982] Kucharská Z, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 Mar;34(2):107–11 (Eng. Abstr.) **(Cze)**

[Urban alternate host cycle of Taenia saginata in Wittstock County, district of Potsdam (East Germany)] Engelbrecht H, et al. **Angew Parasitol** 1984 Aug;25(3):126–32 (Eng. Abstr.) **(Ger)**

[Hygienic aspects of agricultural land applications of wastewater and sewage sludge] Müller HE. **Naturwissenschaften** 1985 May;72(5):238–48 (Eng. Abstr.) **(Ger)**

[Experiences with the inspection of sewage from nuclear power plants as an example for decreasing industrial waste water disposal] Aurand K, et al. **Schriftenr Ver Wasser Boden Lufthyg** 1984;57:39–54 **(Ger)**

[Cellulose sewage––hazards, maximum content in sewage, preventive measures] Christmann W, et al. **Schriftenr Ver Wasser Boden Lufthyg** 1984;57:19–38 **(Ger)**

[Pathogenic viruses in activated sludge: problems and quantification] Heisig B, et al. **Schriftenr Ver Wasser Boden Lufthyg** 1985;63:137–48 **(Ger)**

[Aero–thermophilic stabilization of sewage sludge] Leschber R, et al. **Schriftenr Ver Wasser Boden Lufthyg** 1984;57:147–59 **(Ger)**

[Destruction of helminth eggs in sewage sludge purification plants] Birbaum C, et al. **Schweiz Arch Tierheilkd** 1985 Jan;127(1):25–44 (Eng. Abstr.) **(Ger)**

[Survival time of enterobacteria and enteroviruses in activated sludge–fertilized soils] Möller F, et al. **Z Gesamte Hyg** 1985 Apr;31(4):237–41 (Eng. Abstr.) **(Ger)**

[Use of fish cell cultures for toxicity determination in order to reduce and replace the fish tests] Ahne W. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 May;180(5–6):480–504 (Eng. Abstr.) **(Ger)**

[The behavior of polycyclic aromatic hydrocarbons in soil fertilized with sewage sludge–garbage compost. II. Laboratory studies] Pfeiffer EH, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec;179(6):574–85 (Eng. Abstr.) **(Ger)**

[The behavior of polycyclic aromatic hydrocarbons in soil fertilized with sewage sludge–garbage compost. I. Field studies] Pfeiffer EH, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec;179(6):566–73 (Eng. Abstr.) **(Ger)**

[Microbiological findings in a water treatment plant] Volterra L, et al. **Ann Ist Super Sanita** 1983;19(2–3):421–5 (Eng. Abstr.) **(Ita)**

[Hygienic recovery of sludge resulting from the depuration of waste water] Coppola S, et al. **Nuovi Ann Ig Microbiol** 1983 May–Jun;34(3):223–39 (Eng. Abstr.) **(Ita)**

[Sewage and industrial pollution of the salt water of an estuary. Possibility of decontamination. III. Eutrophication phenomena] Sechi N, et al. **Nuovi Ann Ig Microbiol** 1983 Jan–Feb;34(1):43–56 (Eng. Abstr.) **(Ita)**

[Disposition of radioactive organic liquid waste by incineration––pretreatment for incineration by demulsification] Kimura S, et al. **Radioisotopes** 1984 Nov;33(11):808–11 **(Jpn)**

[Generation of hydrogen sulfide at excavation sites. I. A survey of job sites in the sewage system construction work] Hiraoka Y, et al. **Sangyo Igaku** 1984 Nov;26(6):465–9 (Eng. Abstr.) **(Jpn)**

[Distribution of microorganisms lysing Pseudomonas aeruginosa and Staphylococcus aureus in the system of sewage waters] Seliavko AV, et al. **Biol Nauki** 1985;(4):84–8 (Eng. Abstr.) **(Rus)**

[Hygienic problems of developing and improving technological methods of purifying sewage water for urban industrial water supplies] Akulov KI, et al. **Gig Sanit** 1985 Feb;(2):9–12 (Eng. Abstr.) **(Rus)**

[Hygienic evaluation of the quality of water in closed system of industrial water supply] Gil'denskiol'd SR. **Gig Sanit** 1985 Apr;(4):23–5 (Eng. Abstr.) **(Rus)**

[Hygienic aspects of the current use of sewage waters for agricultural purposes] Perelygin VM. **Gig Sanit** 1984 Aug;(8):12–5 (Eng. Abstr.) **(Rus)**

[Hygienic evaluation of the working facilities for the purification and decontamination of waste water on ships] Sidenko VP, et al. **Gig Sanit** 1984 Nov;(11):18–21 (Eng. Abstr.) **(Rus)**

[Basic hygienic requirements for using purified sewage water in the cooling systems of industrial plants] Tsyganovskaia LKh, et al. **Gig Sanit** 1985 Feb;(2):14–7 (Eng. Abstr.) **(Rus)**

[Effectiveness of ammonia in the disinfection of biological wastes in foci of ascariasis] Chefranova IuA, et al. **Med Parazitol (Mosk)** 1984 Nov–Dec;(6):39–42 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Toxicologic studies with pregnant goats fed grass–legume silage grown on municipal sludge–amended subsoil. Telford JN, et al. **Arch Environ Contam Toxicol** 1984 Sep;13(5):635–40

Sewage effluent biomonitoring. I. Survival, growth, and histopathological effects in channel catfish. Mitz SV, et al. **Ecotoxicol Environ Safety** 1985 Aug;10(1):22–39

Sewage effluent biomonitoring. II. Biochemical indicators of ammonia exposure in channel catfish. Mitz SV, et al. **Ecotoxicol Environ Safety** 1985 Aug;10(1):40–52

[Sewage canals as a cause of ground–water hazards] Clodius CD. **Schriftenr Ver Wasser Boden Lufthyg** 1984;57:9–17 **(Ger)**

ANALYSIS

New approach to the simultaneous determination of pollutants in waste waters by flow injection analysis. Part I. Anionic pollutants. Ríos A, et al. **Analyst** 1984 Nov;109(11):1487–92

Anaerobic inhibition of trace organic compound removal during rapid infiltration of wastewater. Hutchins SR, et al. **Appl Environ Microbiol** 1984 Nov;48(5):1046–8

Identification of asbestos and glass fibers in municipal sewage sludges. Bishop K, et al. **Bull Environ Contam Toxicol** 1985 Mar;34(3):301–8

Dechlorination and trihalomethane yields. Helz GR, et al. **Bull Environ Contam Toxicol** 1985 Apr;34(4):497–503

Heavy metal concentrations in municipal wastewater treatment plant sludge. Spiegel SJ, et al. **Bull Environ Contam Toxicol** 1985 Jul;35(1):38–43

The occurrence of copper, iron, zinc and other elements and the nature of some copper and iron complexes in humic substances from municipal refuse disposed of in a landfill. Filip Z, et al. **Sci Total Environ** 1985 Jul;44(1):1–16

Behaviour of persistent organochlorine micropollutants during primary sedimentation of waste water. Garcia Gutierrez A, et al. **Sci Total Environ** 1984 Oct;39(1–2):27–47

[Sampling of urban waste waters in Tananarive. Physical, bacteriological and virological analysis] Lautier F, et al. **Bull Soc Pathol Exot Filiales** 1985;78(2):264–70 (Eng. Abstr.) **(Fre)**

[Residues of disinfectants in hospital sewage] Jobst D, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec;180(1):21–37 (Eng. Abstr.) **(Ger)**

SEX

see related

LIBIDO
PSYCHOSEXUAL DEVELOPMENT
RELIGION AND SEX

And now a few words about sex. Dirckx JH. **Am J Dermatopathol** 1985 Feb;7(1):43–8

Sexuality and chronic pain. Cash JT. **Am J Nurs** 1984 Nov;84(11):1417

The conceptual neutering of gender and the criminalization of sex. Money J. **Arch Sex Behav** 1985 Jun;14(3):279–90

The habituation of sexual arousal. O'Donohue WT, et al. **Arch Sex Behav** 1985 Jun;14(3):233–46

Explorations of the improvisational side of sex: charting the future of the sociology of sex. Ruefli T. **Arch Sex Behav** 1985 Apr;14(2):189–99

Harderian gland: regulation of sexual 'type' by gonads and pineal gland. McMasters KM, et al. **Biol Reprod** 1984 Oct;31(3):579–85

Physiologic assessment of sexual response in women: the unfulfilled promise. Hoon PW. **Clin Obstet Gynecol** 1984 Sep;27(3):767–80

Sexual function and the menopause. Semmens JP, et al. **Clin Obstet Gynecol** 1984 Sep;27(3):717–23

Physiology of female sexual function. Weisberg M. **Clin Obstet Gynecol** 1984 Sep;27(3):697–705

Adolescent sexual attitudes and behavior: are they consistent? Zabin LS, et al. **Fam Plann Perspect** 1984 Jul–Aug;16(4):181–5

Sex differences in survival from cutaneous melanoma. Rampen FH. **Int J Dermatol** 1984 Sep;23(7):444–52 (114 ref.)

Sex, age, and values. Renshaw DC. **J Am Geriatr Soc** 1985 Sep;33(9):635–43

International Symposium on 'The Aging Process'. Neuroendocrine and sexual aspects. Cosenza, 1981. **J Endocrinol Invest** 1985;8 Suppl 2:1–142

Biological bases of sexuality. Bertolini A. **J Endocrinol Invest** 1985;8 Suppl 2:1–15 (83 ref.)

Endocrine and metabolic aspects in male senescence. Conte D, et al. **J Endocrinol Invest** 1985;8 Suppl 2:99–102

Sexual function and liver failure. Della Casa L, et al. **J Endocrinol Invest** 1985;8 Suppl 2:111–6

Sexuological problems in nursing–homes: a methodology for investigation. Fonzo D, et al. **J Endocrinol Invest** 1985;8 Suppl 2:131–41

Sexual and gonadal functions in elderly uremic patients on hemodialysis. Mastrogiacomo I, et al. **J Endocrinol Invest** 1985;8 Suppl 2:117–21

Sexuality in aging: a study of a group of 300 elderly men and women. Todarello O, et al. **J Endocrinol Invest** 1985;8 Suppl 2:123–30

Pregnancy and sexuality. Mueller LS. **J Obstet Gynecol Neonatal Nurs** 1985 Jul–Aug;14(4):289–94

Opiates and sex. Abel EL. **J Psychoactive Drugs** 1984 Jul–Sep;16(3):205–16 (121 ref.)

Gender: history, theory and usage of the term in sexology and its relationship to nature/nurture. Money J. **J Sex Marital Ther** 1985 Summer;11(2):71-9
Five universal exigencies, indicatrons and sexological theory. Money J. **J Sex Marital Ther** 1984 Winter;10(4):229-38
Origin of sex. Bernstein H, et al. **J Theor Biol** 1984 Oct 5; 110(3):323-51
Sexual selection, handicaps and true fitness. Smith JM. **J Theor Biol** 1985 Jul 7;115(1):1-8
Testicular and sexual function in adults with prune belly syndrome. Woodhouse CR, et al. **J Urol** 1985 Apr; 133(4):607-9
Parental perceptions of children's modesty: a cross-sectional survey of ages two to ten years. Rosenfeld A, et al. **Psychiatry** 1984 Nov;47(4):351-65
Medical interview of sexually abused children. Schuh SE, et al. **South Med J** 1985 Mar;78(3):245-51
[A sexual attitude test] Mellan J. **Cas Lek Cesk** 1985 May 17;124(20):631-4 (Eng. Abstr.) **(Cze)**
[Ovarian hormones and the sex life of women] Raboch J, et al. **Cas Lek Cesk** 1985 May 17;124(20):609-13 (Eng. Abstr.) **(Cze)**
[The sex life of men in infertile marriages] Zvěřina J, et al. **Cas Lek Cesk** 1985 May 17;124(20):618-21 (Eng. Abstr.) **(Cze)**
[Sex life of women treated for malignant tumors of the reproductive organs] Bouda J, et al. **Cesk Gynekol** 1985 Jun;50(5):342-5 (Eng. Abstr.) **(Cze)**
[Mental anorexia and sexuality in women] Raboch J Jr, et al. **Cesk Psychiatr** 1984 Oct;80(5):329-34 (Eng. Abstr.) **(Cze)**
[Interdisciplinary system versus one-sidedness, and semantics and precision of formulations in sexology] Godlewski J. **Psychiatr Pol** 1984 Jul-Aug;18(4):383-8 **(Pol)**
[Successful cooperation by gynecologists and sexologists in Slovakia] Bárdoš A. **Cesk Gynekol** 1984 Nov;49(9):609-10 **(Slo)**
[Man, sex and the mountains] Ryn Z. **Actas Luso Esp Neurol Psiquiatr** 1984 Nov-Dec; 12(6):417-26 **(Spa)**

SEX ATTRACTANTS see under **PHEROMONES**

SEX BEHAVIOR

Sexual behaviour in a centre for epilepsy. Fenwick PB, et al. **Acta Neurol Scand** 1985 Jun;71(6):428-35
Sexuality during and after pregnancy. Ryding EL. **Acta Obstet Gynecol Scand** 1984;63(8):679-82
The influence of male and female best friends on adolescent sexual behavior. Billy JO, et al. **Adolescence** 1985 Spring; 20(77):21-32
Sexual development and behavior in black preadolescents. Westney OE, et al. **Adolescence** 1984 Fall;19(75):557-68
Female sexuality and feminine development: freud and his legacy. Lothstein LM. **Adv Psychosom Med** 1985;12:57-70
Sexuality in cancer patients. Walbroehl GS. **Am Fam Physician** 1985 Jan;31(1):153-8
Decreased helper T lymphocytes in homosexual men. II. Sexual practices. Goedert JJ, et al. **Am J Epidemiol** 1985 May;121(5):637-44
Decreased helper T lymphocytes in homosexual men. I. Sexual contact in high-incidence areas for the acquired immunodeficiency syndrome. Goedert JJ, et al. **Am J Epidemiol** 1985 May;121(5):629-36
Venous air embolism. Life-threatening complication of orogenital sex during pregnancy. Fyke FE 3d, et al. **Am J Med** 1985 Feb;78(2):333-6
Cervical dysplasia: association with sexual behavior, smoking, and oral contraceptive use? Clarke EA, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):612-6
Chlamydial endocervical infections and cytologic findings in sexually active female adolescents. Shafer MA, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):765-71
Therapist-client sexual involvement: a challenge for mental health professionals and educators. Bouhoutsos JC. **Am J Orthopsychiatry** 1985 Apr;55(2):177-82
Clients' reactions to sexual intimacy in therapy. Sonne J, et al. **Am J Orthopsychiatry** 1985 Apr;55(2):183-9
Gender identity in childhood and later sexual orientation: follow-up of 78 males. Green R. **Am J Psychiatry** 1985 Mar;142(3):339-41
Woman's role in Masters and Johnson program raises 'serious ethical problem' [letter] Kales JD. **Am J Psychiatry** 1984 Oct;141(10):1303
On the question of bisexuality. Altshuler KZ. **Am J Psychother** 1984 Oct;38(4):484-93
Genital herpes: does knowledge lead to action? Aral SO, et al. **Am J Public Health** 1985 Jan;75(1):69-71
AIDS and sexual behavior reported by gay men in San Francisco. McKusick L, et al. **Am J Public Health** 1985 May;75(5):493-6
Coital and non-coital sexual behaviors of white and black adolescents. Smith EA, et al. **Am J Public Health** 1985 Oct;75(10):1200-3
Non-therapy related pregnancies in the consorts of a group of men with obstructive azoospermia. Jequier AM. **Andrologia** 1985 Jan-Feb;17(1):6-8
The effects of the acquired immune deficiency syndrome on gay lifestyle and the gay individual. Hirsch DA, et al. **Ann NY Acad Sci** 1984;437:273-82
The prevention of AIDS by modifying sexual behavior. William DC. **Ann NY Acad Sci** 1984;437:283-5
Genital herpes. A pervasive psychosocial disorder. Luby ED, et al. **Arch Dermatol** 1985 Apr;121(4):494-7
Disseminated Kaposi's sarcoma without lymphocyte abnormalities. Ballard HS. **Arch Intern Med** 1985 Mar; 145(3):547
The influence of parents, church, and peers on the sexual attitudes and behaviors of college students. Daugherty LR, et al. **Arch Sex Behav** 1984 Aug;13(4):351-9
Sex habits, recent disease, and drug use in two groups of Danish male homosexuals. Ebbesen P, et al. **Arch Sex Behav** 1984 Aug;13(4):291-300
Sexual histories, attitudes, and behavior of schizophrenic and 'normal' women. Friedman S, et al. **Arch Sex Behav** 1984 Dec;13(6):555-67
Date rapists: differential sexual socialization and relative deprivation. Kanin EJ. **Arch Sex Behav** 1985 Jun; 14(3):219-31
Oral sex in an adolescent population. Newcomer SF, et al. **Arch Sex Behav** 1985 Feb;14(1):41-6
Sexual life of women with the Stein-Leventhal syndrome. Raboch J, et al. **Arch Sex Behav** 1985 Jun;14(3):263-70
The sexual development and life of female schizophrenic patients. Raboch J. **Arch Sex Behav** 1984 Aug;13(4):341-9
Explorations of the improvisational side of sex: charting the future of the sociology of sex. Ruefli T. **Arch Sex Behav** 1985 Apr;14(2):189-99
A comparison of structural patterns of sexual arousal in male and female homosexuals. Wincze JP, et al. **Arch Sex Behav** 1984 Aug;13(4):361-70
The psychosexual histories of young women with bulimia. Abraham SF, et al. **Aust NZ J Psychiatry** 1985 Mar; 19(1):72-6
Effects of repeated exposure to sexually violent or nonviolent stimuli on sexual arousal to rape and nonrape depictions. Ceniti J, et al. **Behav Res Ther** 1984;22(5):535-48
Attending to stimuli or to images of sexual feelings: effects on sexual arousal. Dekker J, et al. **Behav Res Ther** 1985; 23(2):139-49
Concordance between physiological and subjective measures of sexual arousal. Hall KS, et al. **Behav Res Ther** 1985; 23(3):297-303
Control of penile tumescence: the effects of arousal level and stimulus content. Malcolm PB, et al. **Behav Res Ther** 1985;23(3):273-80
Sexual activity and sleep in humans. Brissette S, et al. **Biol Psychiatry** 1985 Jul;20(7):758-63
Does kissing aid human bonding by semiochemical addiction? Nicholson B. **Br J Dermatol** 1984 Nov;111(5):623-7
Sexual rehabilitation of urologic cancer patients [letter] Gilbert I. **CA** 1984 Nov-Dec;34(6):354-5
Who uses natural family planning? Daly KJ, et al. **Can J Public Health** 1985 May-Jun;76(3):207-8
The Vancouver Lymphadenopathy-AIDS Study: 1. Persistent generalized lymphadenopathy. Schechter MT, et al. **Can Med Assoc J** 1985 Jun 1;132(11):1273-9
The role of sexual rehabilitation in the treatment of patients with cancer. von Eschenbach AC, et al. **Cancer** 1984 Dec 1;54(11 Suppl):2662-7
Sexual function of patients after cancer of the cervix treatment. Hubbard JL, et al. **Clin Obstet Gynaecol** 1985 Mar;12(1):247-64 (42 ref.)
Psychosexual responses to infertility. Keye WR Jr. **Clin Obstet Gynecol** 1984 Sep;27(3):760-6
Sexuality during pregnancy. Perkins RP. **Clin Obstet Gynecol** 1984 Sep;27(3):706-16
Sexual function and the menopause. Semmens JP, et al. **Clin Obstet Gynecol** 1984 Sep;27(3):717-23
Social class, sexual habits and cancer of the cervix. Brown S, et al. **Community Med** 1984 Nov;6(4):281-6
Micropenis: gender, erotosexual coping strategy, and behavioral health in nine pediatric cases followed to adulthood. Money J, et al. **Compr Psychiatry** 1985 Jan-Feb; 26(1):29-42
The risk of premarital first pregnancy among metropolitan-area teenagers: 1976 and 1979. Koenig MA, et al. **Fam Plann Perspect** 1982 Sep-Oct;14(5):239-41, 243-7
Sexually transmitted diseases, T cell subsets, and sexual practices in homosexual men attending an STD clinic. Maw RD, et al. **Genitourin Med** 1985 Jun;61(3):197-201
Sexuality and romance in advice books for the elderly. Arluke A, et al. **Gerontologist** 1984 Aug;24(4):415-8 (28 ref.)
Problems of adolescent sex. Senanayake P. **Int J Gynaecol Obstet** 1984 Dec;22(6):457-61
Who's to blame: adolescent sexual activity. Kornfield R. **J Adolesc** 1985 Mar;8(1):17-31
Adolescents and sexually transmitted diseases: an expanding problem. Introduction. Cates W Jr, et al. **J Adolesc Health Care** 1985 Jul;6(4):257-61
Postponing sexual involvement among adolescents. An alternative approach to prevention of sexually transmitted diseases. Howard M. **J Adolesc Health Care** 1985 Jul; 6(4):271-7
Adolescent misadventures with urethritis and cervicitis. McGregor JA. **J Adolesc Health Care** 1985 Jul;6(4):286-97
Adolescence and sexual behavior. Trends and implications for STD. O'Reilly KR, et al. **J Adolesc Health Care** 1985 Jul;6(4):262-70
On sex between adults and adolescents. Silber TJ. **J Adolesc Health Care** 1984 Oct;5(4):290-1
Sociocultural considerations in the emergence of sexual feelings in male patients seeing female therapists. Zicherman V. **J Am Acad Psychoanal** 1984 Oct; 12(4):545-51
Notes on critical examinations of the primal scene concept. Dahl G. **J Am Psychoanal Assoc** 1982;30(3):657-77
Sex education and sexual awareness building for autistic children and youth: some viewpoints and considerations. **J Autism Dev Disord** 1985 Jun;15(2):213-27
Breast-feeding and sexual abstinence in Papua New Guinea. Agyei WK. **J Biosoc Sci** 1984 Oct;16(4):451-61
Sexual functioning among breast cancer, gynecologic cancer, and healthy women. Andersen BL, et al. **J Consult Clin Psychol** 1985 Feb;53(1):25-32
Psychological impacts of sexual contact between therapists or other health care practitioners and their clients. Feldman-Summers S, et al. **J Consult Clin Psychol** 1984 Dec;52(6):1054-61
International Symposium on 'The Aging Process'. Neuroendocrine and sexual aspects. Cosenza, 1981. **J Endocrinol Invest** 1985;8 Suppl 2:1-142
Biological bases of sexuality. Bertolini A. **J Endocrinol Invest** 1985;8 Suppl 2:1-15 (83 ref.)
Neuroendocrine correlates in elderly sexual behavior. Frajese G, et al. **J Endocrinol Invest** 1985;8 Suppl 2:17-21
Sexuality in aging: a study of a group of 300 elderly men and women. Todarello O, et al. **J Endocrinol Invest** 1985; 8 Suppl 2:123-30
Problems associated with the typing of semen on anal swabs. Green RJ, et al. **J Forensic Sci Soc** 1985 Jan-Feb;25(1):55-6
Breaking out of the dominant paradigm: a new look at sexual attraction. Kaplan GT, et al. **J Homosex** 1984 Winter; 10(3-4):71-5
Sexual orientation, behavioral plasticity, and evolution. Seaborg DM. **J Homosex** 1984 Winter;10(3-4):153-8
A psychological comparison of heterosexuals, transvestites, preoperative transsexuals, and postoperative transsexuals. Beatrice J. **J Nerv Ment Dis** 1985 Jun;173(6):358-65
Kluver-Bucy syndrome in Huntington's chorea. Janati A. **J Nerv Ment Dis** 1985 Oct;173(10):632-5
Effect of maintenance hemodialysis on male sexual performance. Procci WR, et al. **J Nerv Ment Dis** 1985 Jun; 173(6):366-72
Regression of cervicovaginal abnormalities in DES-exposed women. A comparison of changes in sexually inactive women and the effects of the onset of sexual activity. Frank AR, et al. **J Reprod Med** 1985 May;30(5):400-3
Role of sexual behavior in the development of pelvic inflammatory disease. Newton W, et al. **J Reprod Med** 1985 Feb;30(2):82-8 (56 ref.)
The effects of coronary bypass surgery on female sexual, psychological, and vocational adaptation. Althof SE, et al. **J Sex Marital Ther** 1984 Fall;10(3):176-84
Extramarital sex: impact on depression and commitment in couples seeking marital therapy. Beach SR, et al. **J Sex Marital Ther** 1985 Summer;11(2):99-108
Pedophilia and heterosexuality vs. homosexuality. Freund K, et al. **J Sex Marital Ther** 1984 Fall;10(3):193-200
Sexual behavior, responsiveness, and attitudes among women: a test of two theories. Newcomb MD. **J Sex Marital Ther** 1984 Winter;10(4):272-86
The quality and quantity of marital intimacy in the marriages of psychiatric patients. Patton D, et al. **J Sex Marital Ther** 1984 Fall;10(3):201-6
Extramarital sexual crisis: common themes and therapy implications. Thompson AP. **J Sex Marital Ther** 1984 Winter;10(4):239-54
The avoidance of cervical intraepithelial neoplasia [letter] **JAMA** 1985 May 3;253(17):2496
Re: Causes of anal carcinoma [letter] Daniell HW. **JAMA** 1985 Jul 19;254(3):358
CIN or not to sin [editorial] Fenoglio CM. **JAMA** 1984 Dec 7;252(21):3012-3
Sexual orientation and physicians' fitness for military duty [letter] Harris SE. **JAMA** 1984 Dec 28;252(24):3364-5
Female-to-male transmission of AIDS [letter] Haverkos HW, et al. **JAMA** 1985 Aug 23-30;254(8):1035-6
Sexual and psychological implications of gynecologic malignancy. Wabrek AJ, et al. **JOGN Nurs** 1984 Nov-Dec; 13(6):371-6
Heterosexual partners: a large risk group for AIDS [letter] Des Jarlais DC, et al. **Lancet** 1984 Dec 8;2(8415):1346-7
Sexual satisfaction among middle-aged couples: correlation with frequency of intercourse and health status. Walfisch S, et al. **Maturitas** 1984 Nov;6(3):285-96
Contact tracing in the acquired immune deficiency syndrome (AIDS). Evidence for transmission of virus and disease by an asymptomatic carrier. Cooper DA, et al. **Med J Aust** 1984 Oct 27;141(9):579-82
Hepatitis B markers in heterosexuals involved in promiscuous sexual activity. Rajakumar MK, et al. **Med J Malaysia** 1984 Mar;39(1):65-8
Aqua-eroticum--a case of auto-erotic drowning. Sivaloganathan S. **Med Sci Law** 1984 Oct;24(4):300-2
Lack of correlation between promiscuity and seropositivity to HTLV-III from a low-incidence area for AIDS [letter] Calabrese LH, et al. **N Engl J Med** 1985 May 9; 312(19):1256-7
Heterosexual promiscuity among African patients with AIDS [letter] Clumck N, et al. **N Engl J Med** 1985 Jul 18; 313(3):182
Anal intercourse as a possible factor in heterosexual transmission of HTLV-III to spouses of hemophiliacs

[letter] Melbye M, et al. N **Engl J Med** 1985 Mar 28; 312(13):857

Sexuality in pregnancy and the puerperium: a review. Reamy K, et al. **Obstet Gynecol Surv** 1985 Jan;40(1):1–13 (144 ref.)

Relationships among pleasure, anxiety and physiological response patterns during the sexual sequence in normal and dispermic subjects. Ruggieri V, et al. **Percept Mot Skills** 1985 Apr;60(2):603–10

Sexual behavior frequency and biphasic ovulatory type menstrual cycles. Cutler WB, et al. **Physiol Behav** 1985 May;34(5):805–10

Myocardial infarction and advice on sexual activity. Cooper AJ. **Practitioner** 1985 Jun;229(1404):575–9

The sexual experience: a motivational analysis. Bernal y del Rio V. **Psychiatr J Univ Ottawa** 1984 Dec;9(4):196–206

A psychoanalytic perspective on sexually open relations. Felton JR. **Psychoanal Rev** 1984 Sep;71(2):279–95

Sexual dissatisfaction of female alcoholics. Peterson JS, et al. **Psychol Rep** 1984 Dec;55(3):744–6

Sexual assessment of the urologic oncology patient. Stoudemire A, et al. **Psychosomatics** 1985 May;26(5):405–8, 410

Patient–therapist sexual contact. I. Psychodynamic perspectives on the causes and results. Apfel RJ, et al. **Psychother Psychosom** 1985;43(2):57–62

Patient–therapist sexual contact. II. Problems of subsequent psychotherapy. Apfel RJ, et al. **Psychother Psychosom** 1985;43(2):63–8

A medical chart review for information about sexual functioning in cervical carcinoma. Bransfield DD, et al. **Radiother Oncol** 1984 Mar;1(4):317–23

Some aspects of sexual knowledge and sexual behaviour of local women. Results of a survey. IV Premarital coitus. Atputharajah V. **Singapore Med J** 1984 Dec;25(6):450–4

Some aspects of sexual knowledge and sexual behaviour of local women. Results of a survey. V. Sexual intercourse. Atputharajah V. **Singapore Med J** 1985 Apr;26(2):155–60

Some aspects of sexual knowledge and sexual behavior of local women. Results of a survey. I. General sexual knowledge and attitude to abortion, pregnancy and contraception. Atputharajah V. **Singapore Med J** 1984 Jun; 25(3):135–40

Some aspects of sexual knowledge and sexual behaviour of local women. Results of a survey. II. Female masturbation. Atputharajah V. **Singapore Med J** 1984 Aug;25(4):268–72

Some aspects of sexual knowledge and sexual behaviour of local women. Results of a survey III petting. Atputharajah V. **Singapore Med J** 1984 Oct;25(5):328–30

Public policy and adolescent sexual behavior in the United States. Finkel ML, et al. **Soc Biol** 1983 Summer; 30(2):140–50

'Love Boat' hepatitis [letter] Gordon SC, et al. **South Med J** 1985 Sep;78(9):1142–3

Sexual life following 'minimal' and 'total' transurethral prostatic resection. Møller–Nielsen C, et al. **Urol Int** 1985; 40(1):3–4

Women's satisfaction with partners' penile implant. Inflatable vs noninflatable prosthesis. Beutler LE, et al. **Urology** 1984 Dec;24(6):552–8

[The validity of reporting on sex life in infertile marriages] Hubálek S, et al. **Cesk Gynekol** 1984 Dec;49(10):724–6 (Eng. Abstr.) **(Cze)**

[Improvement of the sexual parternership of exhibitionists] Kolářský A, et al. **Cesk Psychiatr** 1984 Oct;80(5):303–7 (Eng. Abstr.) **(Cze)**

[Sexually transmissible gastrointestinal infections. Epidemiology, diagnosis and therapy] Prüfer L. **Dtsch Med Wochenschr** 1985 Jul 26;110(30):1170–4 (49 ref.) **(Ger)**

[Erotic and martial–like relations of the elderly in residential homes. Key role of the physician in counseling and care in the home] von Schumann HJ. **Fortschr Med** 1985 Jan 24;103(4):86–7 **(Ger)**

[Sex life following hysterectomy] Raboch J, et al. **Geburtshilfe Frauenheilkd** 1985 Jan;45(1):48–50 (Eng. Abstr.) **(Ger)**

[Adolescent sexuality and pregnancy––a special aspect of the preventive care of adolescents] Lorenz U, et al. **Z Arztl Fortbild (Jena)** 1985;79(1):17–20 **(Ger)**

[Usefulness of the S–S–G, a questionnaire for measuring attitude to pregnancy, sexuality and birth] Thormann K, et al. **Zentralbl Gynakol** 1984;106(19):1314–24 (Eng. Abstr.) **(Ger)**

[Sexual dysfunction in infarct patients and their partner: repercussions on the couple's relations] Cappelli V, et al. **G Ital Cardiol** 1984 Jul;14(7):505–7 (Eng. Abstr.) **(Ita)**

[Suffused ecchymosis of the palate caused by fellatio] Aloi FG. **G Ital Dermatol Venereol** 1984 Sep–Oct;119(5):351–2 (Eng. Abstr.) **(Ita)**

[The sexual life of patients with adenoma and carcinoma of the prostate] Malatinský E, et al. **Bratisl Lek Listy** 1984 Nov;82(5):1380–4 (Eng. Abstr.) **(Slo)**

[Patterns of sex behavior in eating disorders] Ingelmo Fernández J, et al. **Actas Luso Esp Neurol Psiquiatr** 1984 Nov–Dec;12(6):377–84 (Eng. Abstr.) **(Spa)**

[Sexual activity in older prostatectomized men] Llopis Cartagena M, et al. **Arch Esp Urol** 1984 Sep–Oct; 37(5):443–5 (Eng. Abstr.) **(Spa)**

[Sexual behavior after diagnosis and treatment of cancer of the testicle] Germà Lluch JR, et al. **Med Clin (Barc)** 1984 Nov 3;83(14):567–71 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Influence of lisuride, a dopaminergic agonist, on the sexual function of male patients with chronic renal failure. Ruilope L, et al. **Am J Kidney Dis** 1985 Mar;5(3):182–5

Sexual orientation after prenatal exposure to exogenous estrogen. Ehrhardt AA, et al. **Arch Sex Behav** 1985 Feb; 14(1):57–77

Effects of estrogen treatment on sexual behavior in male–to–female transsexuals: experimental and clinical observations. Kwan M, et al. **Arch Sex Behav** 1985 Feb; 14(1):29–40

The effect of oral medroxyprogesterone acetate and methyltestosterone on sexual functioning in a male contraceptive trial. Doody K, et al. **Contraception** 1985 Jan; 31(1):65–70

Cocaine– and alcohol–induced sexual dysfunction in patients with addictive disease. Smith DE, et al. **J Psychoactive Drugs** 1984 Oct–Dec;16(4):359–61

Prenatal gonadal steroidal influences on gender–related behavior. Reinisch JM, et al. **Prog Brain Res** 1984; 61:407–16 (39 ref.)

A controlled study of the effects of antidepressants on sexual function. Harrison WM, et al. **Psychopharmacol Bull** 1985; 21(1):85–8

Effects of antiandrogen treatment on the sexuality of women with hyperandrogenism. Appelt H, et al. **Psychother Psychosom** 1984;42(1–4):177–81

Alteration of behavioral sex differentiation by exposure to estrogenic compounds during a critical neonatal period: effects of zearalenone, methoxychlor, and estradiol in hamsters. Gray LE Jr, et al. **Toxicol Appl Pharmacol** 1985 Aug;80(1):127–36

[Adverse effects of drugs on sexual behavior and fertility in males] Przybilla B, et al. **Med Monatsschr Pharm** 1984 Jul;7(7):197–208 **(Ger)**

[Psychological and sexual effects of hormonal contraceptives––results of a survey] Synder K, et al. **Zentralbl Gynakol** 1984;106(10):644–52 (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

Multiple actions of steroids and their antagonists. Whalen RE. **Arch Sex Behav** 1984 Oct;13(5):497–502

Serum androgenic hormones motivate sexual behavior in adolescent boys. Udry JR, et al. **Fertil Steril** 1985 Jan; 43(1):90–4

Increased sexual activity during the midcycle portion of the human menstrual cycle. Matteo S, et al. **Horm Behav** 1984 Sep;18(3):249–55

Abnormal cervical cytology in sexually active adolescents. Russo JF, et al. **J Adolesc Health Care** 1984 Oct;5(4):269–71

The impact of aging on human sexuality. Rienzo BA. **J Sch Health** 1985 Feb;55(2):66–8

Sexual function and female radical cystectomy: a case series. Schover LR, et al. **J Urol** 1985 Sep;134(3):465–8

Prolactin and sexual behavior: a review. Drago F. **Neurosci Biobehav Rev** 1984 Winter;8(4):433–9 (83 ref.)

Psychoendocrine research on sexual orientation. Current status and future options. Meyer–Bahlburg HF. **Prog Brain Res** 1984;61:375–98 (127 ref.)

A possible difference between men's and women's sexuality. James WH. **Psychol Rep** 1984 Aug;55(1):40–2

[Regulation and determinants of sex behavior] Neumann F. **Wien Med Wochenschr [Suppl]** 1985;91:1–15 (68 ref.) (Eng. Abstr.) **(Ger)**

SEX BEHAVIOR, ANIMAL

Morphology of the erect glans penis in rats under various gonadal hormone conditions. Sachs BD, et al. **Anat Rec** 1984 Sep;210(1):45–52

Social influence on the display of sexually dimorphic behavior in rhesus monkeys: isosexual rearing. Goldfoot DA, et al. **Arch Sex Behav** 1984 Oct;13(5):395–412

The aging effect on male mating activity in Drosophila melanogaster. Kosuda K. **Behav Genet** 1985 May; 15(3):297–303

Emergence of displacement activities in the male rat following thwarting of sexual behavior. Hansen S, et al. **Behav Neurosci** 1984 Oct;98(5):868–83

Changes in the blood and plasma volume of Harris' sparrows during postnuptial molt. deGraw WA, et al. **Comp Biochem Physiol [A]** 1985;81(4):889–93

Organizational effects of testosterone via aromatization on feminine reproductive behavior and neural progestin receptors in rat brain. Parsons B, et al. **Endocrinology** 1984 Oct;115(4):1412–7

A monoamine oxidase inhibitor reverses the 'separation syndrome' in a new hamster separation model of depression. Crawley JN. **Eur J Pharmacol** 1985 May 28; 112(1):129–33

Stimulus requirements for prolactin and LH secretion in incubating ring doves. Ramsey SM, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):246–56

The effect of transformer, doublesex and intersex mutations on the sexual behavior of Drosophila melanogaster. McRobert SP, et al. **Genetics** 1985 Sep;111(1):89–96

Sexual behavior of an androgenized female rhesus macaque with a surgically constructed vagina. Phoenix CH, et al. **Horm Behav** 1984 Dec;18(4):393–9

Behavioral vocal response thresholds to mating calls in the bullfrog, Rana catesbeiana. Megela–Simmons A. **J Acoust Soc Am** 1984 Sep;76(3):676–81

The influence of the stage of the estrous cycle and novel cows upon mounting activity of dairy cattle. Alexander TJ, et al. **J Anim Sci** 1984 Dec;59(6):1430–9

Effects of concurrent lactation and postpartum mating on reproductive performance in mice selected for large litter size. Eisen EJ, et al. **J Anim Sci** 1984 Nov;59(5):1224–38

The effects of sexual stimulation on the sexual performance of Hereford bulls. Mader DR, et al. **J Anim Sci** 1984 Aug; 59(2):294–300

Influence of exposure to bulls on resumption of estrous cycles following parturition in beef cows. Zalesky DD, et al. **J Anim Sci** 1984 Nov;59(5):1135–9

Agonistic and reproductive interactions in Betta splendens. Bronstein PM. **J Comp Psychol** 1984 Dec;98(4):421–31

Social dynamics of group courtship behavior in male red–sided garter snakes (Thamnophis sirtalis parietalis). Joy JE, et al. **J Comp Psychol** 1985 Jun;99(2):145–9

Role of the uterine cervix in inhibition of sexual behaviour in lactating rats. Forsberg G, et al. **J Endocrinol** 1985 Aug; 106(2):183–8

Effects of restricted maternal contact in neonatal rats on sexual behaviour in the adult. Forsberg G, et al. **J Endocrinol** 1985 Mar;104(3):427–31

Effects of pup sucking behaviour on inhibition of sexual behaviour and ovulatory secretion of LH in lactating rats. Lindblom C, et al. **J Endocrinol** 1985 Mar;104(3):419–25

Odour recognition by male hamsters: discrimination of the hormonal state of females by odour from vaginal secretions. Steel E. **J Endocrinol** 1985 May;105(2):255–62

Prolactin influences sexual behavior during aging. Ferrara N, et al. **J Endocrinol Invest** 1985;8 Suppl 2:23–32

Ram–induced growth of ovarian follicles and gonadotrophin inhibition in anoestrous ewes. Atkinson S, et al. **J Reprod Fertil** 1985 Jan;73(1):185–9

Characteristics of the oestrous cycle and influence of social factors in grey short–tailed opossums (Monodelphis domestica). Fadem BH, et al. **J Reprod Fertil** 1985 Mar; 73(2):337–42

Diurnal variation in the response of anoestrous ewes to the ram effect. Martin GB, et al. **J Reprod Fertil** 1985 Sep; 75(1):275–84

Disruption of pair bonding induces pregnancy failure in newly mated mongolian gerbils (Meriones unguiculatus). Norris ML. **J Reprod Fertil** 1985 Sep;75(1):43–7

Advancement of reproductive activity, seasonal reduction in prolactin secretion and seasonal pelage changes in pubertal red deer hinds (Cervus elaphus) subjected to artificially shortened daily photoperiod or daily melatonin treatments. Webster JR, et al. **J Reprod Fertil** 1985 Jan; 73(1):255–60

Reduced mating efficiency due to osteo–arthrosis in a ram. Terblanche SJ. **J S Afr Vet Assoc** 1985 Mar;56(1):39–41

Female mimicry in garter snakes. Mason RT, et al. **Nature** 1985 Jul 4–10;316(6023):59–60

Mate competition between female rhesus monkeys. Zumpe D, et al. **Naturwissenschaften** 1985 Jul;72(7):382–4

Immunoreactive–beta–endorphin and LHRH levels in the brains of aged male rats with impaired sex behavior. Dorsa DM, et al. **Neurobiol Aging** 1984 Summer;5(2):115–20

Evidence of incomplete behavioral sexual differentiation in obese male Zucker rats. Doherty PC, et al. **Physiol Behav** 1985 Feb;34(2):177–9

An empirical study of the structure of the patrol/marking motivational system in the rat. Lee S, et al. **Physiol Behav** 1984 Apr;32(4):565–73

Sexual play and its functional significance in the domestic sheep (Ovis aries L.). Orgeur P, et al. **Physiol Behav** 1984 Jul;33(1):111–8

Time of mating behavior by males from lines of chickens selected for high and low mating frequency. Blohowiak CC, et al. **Poult Sci** 1984 Aug;63(8):1677–8

Sex play and behavioural sexualization in the pig. Berry M, et al. **Reprod Nutr Dev** 1984;24(5A):507–13

Facilitated sexual behavior reversed and serotonin restored by raphe nuclei transplanted into denervated hypothalamus. Luine VN, et al. **Science** 1984 Dec 21;226(4681):1436–9

[Mammary changes in male dogs following gestagen treatment] Braun U, et al. **Berl Munch Tierarztl Wochenschr** 1984 Dec 1;97(12):447–51 (Eng. Abstr.) **(Ger)**

[Social rank, sexuality and their relations to morphological and biochemical parameters in male DA rats] Militzer K, et al. **Z Versuchstierkd** 1984;26(5):217–30 (Eng. Abstr.) **(Ger)**

DRUG EFFECTS

Mounting evidence of paraben sensitivity in dogs [letter] Person JR. **Arch Dermatol** 1985 Sep;121(9):1107

Intrahypothalamic 5,7–dihydroxytryptamine: temporal analysis of effects on 5–hydroxytryptamine content in brain nuclei and on facilitated lordosis behavior. Frankfurt M, et al. **Brain Res** 1985 Aug 5;340(1):127–33

Inhibition of sexual receptivity by anesthesia during estrogen priming. Roy EJ, et al. **Brain Res** 1985 Jun 24;337(1):163–6

Progesterone stimulates sexual behaviour in female rats by increasing 5–HT activity on 5–HT2 receptors. Wilson CA, et al. **Brain Res** 1985 May 6;333(2):223–9

Development of sexual behavior in prenatally ethanol–exposed rats. Hård E, et al. **Drug Alcohol Depend** 1984 Sep;14(1):51–61

Effect of neonatal gonadectomy and administration of testosterone on coital masculinization in the ferret. Baum MJ, et al. **Endocrinology** 1984 Dec;115(6):2440–4

Diencephalic sites of progesterone action for inhibiting aggression and facilitating sexual receptivity in estrogen-primed golden hamsters. Takahashi LK, et al. **Endocrinology** 1985 Jun;116(6):2393–9

GABAergic drugs and sexual behaviour in the male rat. Agmo A, et al. **Eur J Pharmacol** 1985 Jun 19;112(3):371–8

Antagonism by lisuride and 8-OH-DPAT of 5-HTP-induced prolongation of the performance of male rat sexual behavior. Ahlenius S, et al. **Eur J Pharmacol** 1985 Apr 16;110(3):379–81

The dopamine autoreceptor agonist B-HT 920 markedly stimulates sexual behavior in male rats. Ferrari F, et al. **Experientia** 1985 May 15;41(5):636–8

Effects of ethylene glycol monomethyl ether (EGME) on mating performance and epididymal sperm parameters in F344 rats. Chapin RE, et al. **Fundam Appl Toxicol** 1985 Feb;5(1):182–9

Effect of progesterone on the sexual behavior of the male Japanese quail. Bottoni L, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):345–51

Role of progesterone in the control of female sexual receptivity in Anolis carolinensis. Wu J, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):402–6

Naltrexone facilitation of sexual receptivity in the rat. Allen DL, et al. **Horm Behav** 1985 Mar;19(1):98–103

Estradiol contributes to the postnatal demasculinization of female Japanese quail (Coturnix coturnix japonica). Balthazart J, et al. **Horm Behav** 1984 Sep;18(3):287–97

Role of the anterior hypothalamus-preoptic area in the regulation of courtship behavior in the male Canadian red-sided garter snake (Thamnophis sirtalis parietalis): intracranial implantation experiments. Friedman D, et al. **Horm Behav** 1985 Jun;19(2):122–36

Antagonism of central estrogen action by intracerebral implants of tamoxifen. Howard SB, et al. **Horm Behav** 1984 Sep;18(3):256–66

The postnatal demasculinization of sexual behavior in the Japanese quail (Coturnix coturnix japonica). Schumacher M, et al. **Horm Behav** 1984 Sep;18(3):298–312

Sexual dimorphism in the motor mounting pattern of the New Zealand white rabbit: steroid regulation of vigor and rhythmicity of pelvic thrusting. Soto MA, et al. **Horm Behav** 1984 Sep;18(3):225–34

Prostaglandin-F2 alpha stimulates reproductive behavior of female paradise fish (Macropodus opercularis). Villars TA, et al. **Horm Behav** 1985 Mar;19(1):21–35

Reevaluation of the role of progesterone in stimulating sexual receptivity in estrogen-treated gilts. Ford JJ. **J Anim Sci** 1985 Jul;61(1):36–43

Differential effects of gonadectomy on sensitivity to testosterone of brain centres associated with gonadotrophin negative feedback and with mating behaviour in rams. D'Occhio MJ, et al. **J Endocrinol** 1985 Jan;104(1):69–75

Involvement of 5-HT2 receptors in the LSD- and L-5-HTP-induced suppression of lordotic behavior in the female rat. Sietnieks A. **J Neural Transm** 1985; 61(1–2):65–80

Effect of feeding melatonin to red deer (Cervus elaphus) on the onset of the breeding season. Adam CL, et al. **J Reprod Fertil** 1984 Nov;72(2):463–6

Effects of oestradiol benzoate treatment on the reproductive performance and endocrine status of sows after lactations of 10 or 35 days. Kirkwood RN, et al. **J Reprod Fertil** 1984 Nov;72(2):329–37

Induction of early rutting in male red deer (Cervus elaphus) by melatonin and its dependence on LHRH. Lincoln GA, et al. **J Reprod Fertil** 1984 Nov;72(2):339–43

Pre- and neonatal exposure to cimetidine but not ranitidine adversely affects adult sexual functioning of male rats. Parker S, et al. **Neurobehav Toxicol Teratol** 1984 Jul–Aug; 6(4):313–8

Adverse effects of ethanol upon the adult sexual behavior of male rats exposed in utero. Parker S, et al. **Neurobehav Toxicol Teratol** 1984 Jul–Aug;6(4):289–93

Correlation of muscarinic receptor induction in the ventromedial hypothalamic nucleus with the activation of feminine sexual behavior by estradiol. Rainbow TC, et al. **Neuroendocrinology** 1984 Nov;39(5):476–80

Modulation of lordosis behavior of female rats by naloxone, beta-endorphin and its antiserum in the mesencephalic central gray: possible mediation via GnRH. Sirinathsinghji DJ. **Neuroendocrinology** 1984 Sep;39(3):222–30

Oxytocin stimulates lordosis behavior in female rats. Arletti R, et al. **Neuropeptides** 1985 Jun;6(3):247–53

Apomorphine and haloperidol-induced effects on male rat sexual behavior: no evidence for actions due to stimulation of central dopamine autoreceptors. Ahlenius S, et al. **Pharmacol Biochem Behav** 1984 Sep;21(3):463–6

LHRH and mating behavior: sexual receptivity versus sexual preference. Dudley CA, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):967–72

Prevention of progesterone-induced lordosis behavior by alpha or beta adrenergic antagonists in ovariectomized estrogen-primed rats. Fernández-Guasti A, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):279–82

Potentiative action of alpha- and beta-adrenergic receptor stimulation in inducing lordosis behavior. Fernández-Guasti A, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):613–7

Studies into the dual effects of serotonergic pharmacological agents on female sexual behaviour in the rat: preliminary evidence that endogenous 5HT is stimulatory. Hunter AJ, et al. **Pharmacol Biochem Behav** 1985 Jan;22(1):5–13

Inhibition of mating by naloxone or morphine in recently castrated, but not intact male rats. Lieblich I, et al. **Pharmacol Biochem Behav** 1985 Mar;22(3):361–4

Serotonin antagonist pirenperone inhibits sexual behavior in the male rat: attenuation by quipazine. Mendelson SD, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):565–71

Cholecystokinin-octapeptide produces inhibition of lordosis in the female rat. Mendelson SD, et al. **Pharmacol Biochem Behav** 1984 Nov;21(5):755–9

Suppression of male copulatory behavior by delta 9-THC is not dependent on changes in plasma testosterone or hypothalamic dopamine or serotonin content. Shrenker P, et al. **Pharmacol Biochem Behav** 1985 Mar;22(3):415–20

Effects of prenatal exposure to morphine on the development of sexual behavior in rats. Vathy IU, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):227–32

Sexual excitement and stretching and yawning induced by B-HT 920. Ferrari F. **Pharmacol Res Commun** 1985 Jun; 17(6):557–64

Serotonin involvement in lisuride-induced mounting and in sleep. Da Prada M, et al. **Pharmacopsychiatry** 1985 Mar; 18(2):202–8

The effect of estradiol and progesterone on the sexual behavior of ovariectomized mares. Asa CS, et al. **Physiol Behav** 1984 Nov;33(5):681–6

Mating behavior and brain biogenic amine concentrations in chickens treated with parachlorophenylalanine (PCPA). Balander RJ, et al. **Physiol Behav** 1984 Apr;32(4):603–7

Effects of progesterone on lordotic responses to specific mating stimuli in hamsters. Buntin JD, et al. **Physiol Behav** 1984 Sep;33(3):491–4

Maintenance of target tissue and sexual behavior with dihydrotestosterone in male rats and guinea pigs. Butera PC, et al. **Physiol Behav** 1985 Feb;34(2):319–21

Behavioral insensitivity to progesterone during lactation in female rats. Clark AS, et al. **Physiol Behav** 1985 May; 34(5):677–82

Pharmacological and anatomical aspects of cholinergic activation of female sexual behavior. Dohanich GP, et al. **Physiol Behav** 1984 Jun;32(6):1021–6

Metkephamid-induced Flehmen in lambs. Donchin Y, et al. **Physiol Behav** 1984 Aug;33(2):335–7

The desensitization effect of progesterone on female rat sexual behavior is not due to interference with estrogen priming. Gilchrist SM, et al. **Physiol Behav** 1984 May; 32(5):879–82

Dihydrotestosterone stimulates mounting behavior but not lordosis in female rats. Gladue BA. **Physiol Behav** 1984 Jul;33(1):49–53

Effects of oestradiol 17B, progesterone and testosterone upon proceptivity and receptivity in ovariectomized common marmosets (Callithrix jacchus). Kendrick KM, et al. **Physiol Behav** 1985 Jan;34(1):123–8

Factors in the dose-response effect of testosterone in the male ring dove. Klint T, et al. **Physiol Behav** 1984 Jun; 32(6):1037–40

Neonatal androgen influences sexual motivation but not the masculine copulatory motor pattern in the rat. Moralí G, et al. **Physiol Behav** 1985 Feb;34(2):267–75

The relative effectiveness of progestins for facilitation and inhibition of sexual receptivity in hamsters. Pleim ET, et al. **Physiol Behav** 1984 May;32(5):743–7

Suppression of sexual behavior and localization of [3H] puromycin after intracranial injection in the rat. Renner KJ, et al. **Physiol Behav** 1984 Sep;33(3):411–4

Differential effects of perinatal androgen treatment on sexually dimorphic characteristics in rats. Sachs BD, et al. **Physiol Behav** 1985 May;34(5):735–42

Estrogen action in anterior and ventromedial hypothalamus and the modulation of heterosexual behavior in female golden hamsters. Takahashi LK, et al. **Physiol Behav** 1985 Feb;34(2):233–9

Sex differences in the response to neonatal steroid treatment in the mongolian gerbil. Turner JW Jr. **Physiol Behav** 1984 Aug;33(2):173–7

Relationships between sexual and aggressive behavior in male and female rats: effects of gonadal hormones. De Jonge FH, et al. **Prog Brain Res** 1984;61:283–302 (98 ref.)

Sexual differentiation: do males differ from females in behavioral sensitivity to gonadal hormones? Södersten P. **Prog Brain Res** 1984;61:257–70 (45 ref.)

Lisuride, LY-141865, and 8-OH-DPAT facilitate male rat sexual behavior via a non-dopaminergic mechanism. Ahlenius S, et al. **Psychopharmacology (Berlin)** 1984; 83(4):330–4

Androgens and prenatal alcohol exposure. Sparber SB. **Science** 1985 Jul 12;229(4709):195–6

Injection of diethylstilbestrol on the first day of incubation affects morphology of sex glands and reproductive behavior of Japanese quail. Gildersleeve RP, et al. **Teratology** 1985 Feb;31(1):101–9

[The significance of the central regulation of sexual behavior in experimental alcoholism in male white rats] Lakoza GN, et al. **Farmakol Toksikol** 1985 May–Jun;48(3):95–8 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Testicular function and sexual activity in senescent mice. Chubb C, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E569–73

Morphology of the erect glans penis in rats under various gonadal hormone conditions. Sachs BD, et al. **Anat Rec** 1984 Sep;210(1):45–52

A note on barometric pressure and behavior in Drosophila pseudoobscura. Ankney PF. **Behav Genet** 1984 May; 14(3):315–7

Vaginal scent marking: effects on ultrasonic calling and attraction of male golden hamsters. Johnston RE, et al. **Behav Neural Biol** 1984 Nov;42(2):158–68

The DBA/1Bg and DBA/2Bg Y chromosomes compared for their effects on male sexual behavior. Shrenker P, et al. **Behav Neural Biol** 1984 Sep;42(1):33–7

Effects of volatile and nonvolatile chemical signals on male sex behaviors mediated by the main and accessory olfactory systems. O'Connell RJ, et al. **Behav Neurosci** 1984 Dec; 98(6):1083–93

Resumption of seasonal breeding patterns in male and female rhesus monkeys transferred from an indoor to an outdoor environment. Herndon JG, et al. **Biol Reprod** 1985 May; 32(4):733–44

Sexual deprivation and its influence on testosterone levels and sexual behavior of old and middle-aged rhesus males. Pheonix CH, et al. **Biol Reprod** 1984 Oct;31(3):480–6

The proestrous surge of prolactin enhances sexual receptivity in the rat. Witcher JA, et al. **Biol Reprod** 1985 May; 32(4):834–9

Increased estrogen receptor binding in amygdala correlates with facilitation of feminine sexual behavior induced by olfactory bulbectomy. McGinnis MY, et al. **Brain Res** 1985 May 13;334(1):19–25

Alpha 1-noradrenergic regulation of hypothalamic progestin receptors and guinea pig lordosis behavior. Nock B, et al. **Brain Res** 1984 Sep 17;310(1):77–85

Modulation of lordosis behaviour in the female rat by corticotropin releasing factor, beta-endorphin and gonadotropin releasing hormone in the mesencephalic central gray. Sirinathsinghji DJ. **Brain Res** 1985 Jun 10; 336(1):45–55

Lesions of the sexually dimorphic area disrupt mating and marking in male gerbils. Commins D, et al. **Brain Res Bull** 1984 Jul;13(1):185–93

Efferents from the supracommissural ventral telencephalon in the hime salmon (landlocked red salmon, Oncorhynchus nerka): an anterograde degeneration study. Shiga T, et al. **Brain Res Bull** 1985 Jan;14(1):55–61

The yawning-penile erection syndrome as a model for putative dopamine autoreceptor activity. Gower AJ, et al. **Eur J Pharmacol** 1984 Aug 3;103(1–2):81–9

Plasma testosterone levels are higher in old mating rats than in old non-mating rats. Frankel AI. **Exp Gerontol** 1984; 19(6):345–8

Impaired lordosis response in golden hamsters with lesions in the ventromedial midbrain. Havens MD, et al. **Exp Neurol** 1984 Dec;86(3):583–9

Further studies on peripeduncular-hypothalamic pathways involved in sexual behavior in the female rat. López HS, et al. **Exp Neurol** 1985 May;88(2):241–52

Effect of the presence of females on the pituitary-testicular activity in male Japanese quail (Coturnix coturnix japonica). Delville Y, et al. **Gen Comp Endocrinol** 1984 Aug;55(2):295–305

An oviposition-stimulating factor in the male accessory reproductive gland of the locust, Locusta migratoria. Lange AB, et al. **Gen Comp Endocrinol** 1985 Feb; 57(2):208–15

Changes in hormone levels in relation to breeding behavior in male bullfrogs (Rana catesbeiana) at the individual and population levels. Mendonça MT, et al. **Gen Comp Endocrinol** 1985 May;58(2):270–9

Role of progesterone in the control of female sexual receptivity in Anolis carolinensis. Wu J, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):402–6

Does neonatal gonadectomy affect the sexual differentiation of quail? Adkins-Regan E, et al. **Horm Behav** 1985 Mar; 19(1):71–6

Altered brain metabolism of testosterone is correlated with reproductive decline in aging quail. Balthazart J, et al. **Horm Behav** 1984 Sep;18(3):330–45

A possible physiological basis for the dud-stud phenomenon. Clark AS, et al. **Horm Behav** 1985 Jun;19(2):227–30

Duration of hormonal deprivation: influences on physiological and behavioral responsiveness to estradiol. Czaja JA, et al. **Horm Behav** 1985 Mar;19(1):52–63

Facilitation of sexual receptivity in female mice through blockade of adrenal 11 beta-hydroxylase. de Catanzaro D, et al. **Horm Behav** 1985 Mar;19(1):77–85

Progestin receptors and the activation of female reproductive behavior: a critical review. Etgen AM. **Horm Behav** 1984 Dec;18(4):411–30

Nonluteal source of lordosis-promoting progesterone secretion in guinea pigs. Feder HH, et al. **Horm Behav** 1985 Mar;19(1):104–9

Steroid hormone influences on the mating behavior of vervet monkeys (Cercopithecus aethiops). Girolami L. **Horm Behav** 1985 Mar;19(1):1–13

Preferences for salivary odor cues by female hamsters. Gray B, et al. **Horm Behav** 1984 Dec;18(4):451–6

Harderian letdown in male mongolian gerbils (Meriones unguiculatus) contributes to proceptive behavior. Harriman AE, et al. **Horm Behav** 1985 Jun;19(2):213–9

Further evidence for masculinization of female rats by males located caudally in utero. Richmond G, et al. **Horm Behav** 1984 Dec;18(4):484-90

Periovulatory changes in female sexual behavior and patterns of ovarian steroid secretion in group-living rhesus monkeys. Wallen K, et al. **Horm Behav** 1984 Dec; 18(4):431-50

Effect of lesions of striatum on lordosis behaviour in female rats. Mascarenhas JF, et al. **Indian J Med Res** 1985 Apr; 81:413-7

Ontogeny of aggressive-sexual behavior between males in lines of Japanese quail (Coturnix coturnix japonica) selected for male mating frequency. Blohowiak CC, et al. **J Comp Psychol** 1985 Mar;99(1):30-4

Determinants of mating success in the golden hamster (Mesocricetus auratus): I. Male capacity. Huck UW, et al. **J Comp Psychol** 1985 Mar;99(1):98-107

Organization and activation of behavior in quail: role of testosterone metabolism. Balthazart J, et al. **J Exp Zool** 1984 Dec;232(3):595-604 (50 ref.)

Hormonal mediation of reproductive behavior. Ottinger MA, et al. **J Exp Zool** 1984 Dec;232(3):605-16 (48 ref.)

Sexual behavior and aggression in male mice: involvement of the vomeronasal system. Clancy AN, et al. **J Neurosci** 1984 Sep;4(9):2222-9

Constant lighting conditions affect sexual behaviour and hormone levels in adult male rats. Fantie BD, et al. **J Reprod Fertil** 1984 Nov;72(2):435-41

Adrenalectomy does not prevent the hyperprolactinemic, induced sexual behavior deficits in CDF male rats. Shrenker P, et al. **Life Sci** 1985 May 13;36(19):1881-8

Role of gonadal and adrenal steroids in the impairment of the male rat's sexual behaviour by hyperprolactinaemia. Bailey DJ, et al. **Neuroendocrinology** 1984 Dec;39(6):555-62

Evidence for the modulation of sexual behavior by alpha-adrenoceptors in male rats. Clark JT, et al. **Neuroendocrinology** 1985 Jul;41(1):36-43

The importance of the peripeduncular nucleus in the neuroendocrine control of sexual behavior and milk ejection in the rat. Hansen S, et al. **Neuroendocrinology** 1984 Dec;39(6):563-72

Presence of a neural mechanism for the expression of female sexual behaviors in the male rat brain. Yamanouchi K, et al. **Neuroendocrinology** 1985 May;40(5):393-7

Neuroendocrine regulation of seasonal reproductive activity in the male golden hamster. Steger RW, et al. **Neurosci Biobehav Rev** 1985 Summer;9(2):191-201

A direct magnocellular-preopticospinal pathway in goldfish: implications for control of sex behavior. Demski LS, et al. **Neurosci Lett** 1985 Apr 19;55(3):283-8

The use of autologous 111In-labelled platelets and scintigraphy to illustrate enhanced platelet activity during erection in the chacma baboon. Dormehl IC, et al. **Nuklearmedizin** 1984 Dec;23(6):331-2

A facilitatory role for serotonin in the sexual behavior of the female rat. Mendelson SD, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):1025-33

Male hamster copulatory responses to a high molecular weight fraction of vaginal discharge: effects of vomeronasal organ removal. Clancy AN, et al. **Physiol Behav** 1984 Oct; 33(4):653-60

Testosterone metabolism and testosterone-dependent characteristics in Japanese quail. Delville Y, et al. **Physiol Behav** 1984 Nov;33(5):817-23

Individual recognition of female hamsters by males: role of chemical cues and of the olfactory and vomeronasal systems. Johnston RE, et al. **Physiol Behav** 1984 Jul; 33(1):95-104

Olfactory cues and accessory olfactory bulb lesion: effects on sexual behavior in the cyclic female rat. Kelche C, et al. **Physiol Behav** 1984 Jul;33(1):45-8

Male hamster investigatory and copulatory responses to vaginal discharge: an attempt to impart sexual significance to an arbitrary chemosensory stimulus. Macrides F, et al. **Physiol Behav** 1984 Oct;33(4):627-32

Male hamster investigatory and copulatory responses to vaginal discharge: relationship to the endocrine status of females. Macrides F, et al. **Physiol Behav** 1984 Oct; 33(4):633-7

Courtship ultrasonic vocalizations in male Swiss-Webster mice: effects of hormones and sexual experience. Nunez AA, et al. **Physiol Behav** 1984 May;32(5):717-21

Role of urine in coordinating reproduction in a desert rodent (Dipodomys merriami). Randall JA. **Physiol Behav** 1985 Feb;34(2):199-203

The relationship between heat abbreviation and neural progestin receptors in female rats. Reading DS, et al. **Physiol Behav** 1984 Jun;32(6):973-81

Androgens and reproductive behavior in ovariectomized ring doves. Rissman EF, et al. **Physiol Behav** 1984 Apr; 32(4):697-9

Different roles of catecholaminergic and serotoninergic neurons of the medial forebrain bundle on male rat sexual behavior. Rodriguez M, et al. **Physiol Behav** 1984 Jul; 33(1):5-11

Telencephalic and preoptic areas integrate sexual behavior in hime salmon (landlocked red salmon, Oncorhynchus nerka): results of electrical brain stimulation experiments. Satou M, et al. **Physiol Behav** 1984 Sep;33(3):441-7

Effects of neonatal castration and testosterone treatment on sexual partner preference in the ferret. Stockman ER, et al. **Physiol Behav** 1985 Mar;34(3):409-14

Conspecific urine marking in male-female pairs of laboratory rats. Taylor GT, et al. **Physiol Behav** 1984 Apr;32(4):541-6

Social complexity and hormonal influences on sexual behavior in rhesus monkeys (Macaca mulatta). Wallen K, et al. **Physiol Behav** 1984 Apr;32(4):629-37

Differentiation of sexual behaviour in female marmoset monkeys: effects of neonatal testosterone or a male co-twin. Abbott DH. **Prog Brain Res** 1984;61:349-58

The avian song system: relating sex differences in behavior to dimorphism in the central nervous system. DeVoogd T. **Prog Brain Res** 1984;61:171-84 (72 ref.)

Lordosis as a sexually dimorphic neural function. Harlan RE, et al. **Prog Brain Res** 1984;61:239-55 (82 ref.)

Androgen metabolism in the brain: behavioural correlates. Hutchison JB, et al. **Prog Brain Res** 1984;61:23-51 (141 ref.)

Social influences on sex differences in the behavior and endocrine state of talapoin monkeys. Keverne EB, et al. **Prog Brain Res** 1984;61:331-47 (39 ref.)

Hormone-dependent socio-sexual behaviors and neurotransmitters. Meyerson BJ. **Prog Brain Res** 1984; 61:271-81 (47 ref.)

Behavioral facilitation of reproduction in sexual and parthenogenetic Drosophila. Crews D, et al. **Science** 1985 Jan 4;227(4682):77-8

Evidence for an antiaphrodisiac in the sweat bee Lasioglossum (Dialictus) zephyrum. Kukuk P. **Science** 1985 Feb 8;227(4687):656-7

[Effect of the presence of females on the concentration of androgens in the male guinea pig at puberty] Robert A, et al. **Physiol Behav** 1984 Jul;33(1):69-72 (Eng. Abstr.) **(Fre)**

SEX CHARACTERISTICS

Secondary sexual characteristics and menstruation [letter] Buchta RM. **Am J Dis Child** 1984 Nov;138(11):1087

Fractional adjustment of predicted creatinine clearance in females. Canaday BR, et al. **Am J Hosp Pharm** 1984 Sep; 41(9):1842-3

Gestational age according to fetal sex in twins [letter] Bleker OP, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):830-1

Gonadotroph adenomas of the human pituitary: sex-related fine-structural dichotomy. A histologic, immunocytochemical, and electron-microscopic study of 30 tumors. Horvath E, et al. **Am J Pathol** 1984 Dec; 117(3):429-40

A statistical test for differences in sexual dimorphism between populations. Relethford JH, et al. **Am J Phys Anthropol** 1985 Jan;66(1):55-61

Sexual differences in the topographical distribution of serotonergic fibers in the anterior column of rat lumbar spinal cord. Kojima M, et al. **Anat Embryol (Berl)** 1984; 170(2):117-21

Sex differences in circadian rhythms of several variables in lymphoreticular organs, liver, kidney, and corneal epithelium in adult CD2F1 mice. Tsai TH, et al. **Anat Rec** 1985 Mar;211(3):263-70

Correlative changes in the Leydig's cells and male secondary sexual characters (SSC) in a freshwater fish Mystus (M) vittatus. Misra M, et al. **Ann Endocrinol (Paris)** 1984; 45(2):125-30

Cross-examination for students in andrology. Kelâmi A. **Arch Androl** 1984;13(1):101-2

Wives know. Hardison JE. **Arch Intern Med** 1984 Oct; 144(10):2045

Effect of androgen on the expression of the sex difference in susceptibility to infection with Strongyloides ratti in C57BL/6 mice. Kiyota M, et al. **Aust J Exp Biol Med Sci** 1984 Oct;62 (Pt 5):607-18

Feminization of the hepatic monooxygenases by growth hormone is mimicked by puromycin and correlates with a decrease in male-type cytochrome P450. Vockentanz BM, et al. **Biochem Biophys Res Commun** 1985 Apr 30; 128(2):683-8

Sex-specific difference of the galabiosylceramide level in the glycosphingolipids of human thyroid. Bouchon B, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):143-52

Evolution of the granular cells of the juxtaglomerular apparatus during postnatal development in the albino rat. Effect of age, body weight, renal weight and sex. Rabineau D, et al. **Biol Neonate** 1985;47(3):148-52

Response of male and female rats to undernutrition. 1. Changes in energy utilization, body composition and tissue turnover during undernutrition. Harris PM, et al. **Br J Nutr** 1984 Sep;52(2):289-306

Effects of prenatal stress on differentiation of the sexually dimorphic nucleus of the preoptic area (SDN-POA) of the rat brain. Anderson DK, et al. **Brain Res** 1985 Apr 15;332(1):113-8

Synaptogenesis and changes in synaptic morphology related to acquisition of a new behavior. Devoogd TJ, et al. **Brain Res** 1985 Mar 11;329(1-2):304-8

Reversal of hippocampal sexual dimorphism by gonadal steroid manipulation. Foy MR, et al. **Brain Res** 1984 Nov 12;321(2):311-4

Sexual dimorphism in the numbers of neurons in the pelvic ganglia of adult rats. Greenwood D, et al. **Brain Res** 1985 Aug 5;340(1):160-2

Sex differences in the dendritic branching of dentate granule cells following differential experience. Juraska JM, et al. **Brain Res** 1985 Apr 29;333(1):73-80

Estradiol and progesterone influence L-5-hydroxytryptophan-induced myoclonus in male guinea pigs: sex differences in serotonin-steroid interactions. O'Connor LH, et al. **Brain Res** 1985 Mar 18; 330(1):121-5

Sexual dimorphism of pleopod motor neurons in lobster. Page CH. **Brain Res** 1985 Jul 22;339(1):154-7

The distribution of monoaminergic cells and fibers in a periventricular preoptic nucleus involved in the control of gonadotropin release: immunohistochemical evidence for a dopaminergic sexual dimorphism. Simerly RB, et al. **Brain Res** 1985 Mar 18;330(1):55-64

Three sex dimorphisms in the granule cell layer of the hippocampus in house mice. Wimer RE, et al. **Brain Res** 1985 Feb 25;328(1):105-9

Effects of neonatal castration or treatment with dihydrotestosterone on numbers of neurons in the rat superior cervical sympathetic ganglion. Wright LL, et al. **Brain Res** 1985 Jun;352(2):314-6

Sex-dependent structural asymmetry of the medial habenular nucleus of the chicken brain. Gurusinghe CJ, et al. **Cell Tissue Res** 1985;240(1):149-52

Effects of age, gender, and cigarette smoking on human immunoregulatory T-cell subsets: establishment of normal ranges and comparison with patients with colorectal cancer and multiple sclerosis. Burton RC, et al. **Diagn Immunol** 1983;1(3):216-23

Age-, sex-, and gonadal steroid-related changes in immunoreactive substance P in the rat anterior pituitary gland. DePalatis LR, et al. **Endocrinology** 1985 Oct; 117(4):1368-73

Sexual dimorphism in the posterior pituitary response to stress in the rat. Williams TD, et al. **Endocrinology** 1985 Feb;116(2):738-40

Sex-related differences in the manual carriage of loads. Monod H, et al. **Ergonomics** 1985 Jan;28(1):125-9

Sex differences in long-term gonadectomized rats: monoamine levels and [3H]nitroimipramine binding in brain nuclei. Renner KJ, et al. **Exp Brain Res** 1985;58(1):198-201

Effect of sex, ovariectomy and female sex hormones on neutral cholesterol ester hydrolase in rat liver. Gandarias JM, et al. **Exp Clin Endocrinol** 1984 Dec;84(3):262-70

Sex-specific concentrations of plasma proteins in rats determined by sex hormones in perinatal life. Schade R, et al. **Exp Clin Endocrinol** 1984 Dec;84(3):257-61

Sex differences in human circadian rhythms: intrinsic periods and sleep fractions. Wever RA. **Experientia** 1984 Nov 15; 40(11):1226-34

Hypophysectomy abolishes sexual dimorphism of liver carbonic anhydrase III. Jeffery S, et al. **FEBS Lett** 1984 Sep 17;175(1):129-30

Hormonal correlates of polyandry in the spotted sandpiper, Actitis macularia. Rissman EF, et al. **Gen Comp Endocrinol** 1984 Dec;56(3):401-5

Hormonal influences on natal dispersal in free-living Belding's ground squirrels (Spermophilus beldingi). Holekamp KE, et al. **Horm Behav** 1984 Dec;18(4):465-83

Regulation of urine marking in male and female mice: effects of sex steroids. Kimura T, et al. **Horm Behav** 1985 Mar; 19(1):64-70

Effects of testosterone on ontogeny of urinary behavior in male and female dogs. Ranson E, et al. **Horm Behav** 1985 Mar;19(1):36-51

Induction of hepatic alkaline phosphatase by methylxanthines--influence of age and sex and the role of adrenals. Selvakumar D, et al. **Indian J Biochem Biophys** 1984 Jun;21(3):191-4

Sex differences in adrenocortical structure and function. XVI. Stereological and karyometric studies on the cortex of the suprarenal gland of intact adult male and female Mongolian gerbils (Meriones unguiculatus). Malendowicz LK. **J Anat** 1984 Oct;139 (Pt 3):525-33

The sexually differentiated delta 4-3-ketosteroid 5 beta-reductase of rat liver. Purification, characterization, and quantitation. Mode A, et al. **J Biol Chem** 1985 Jun 10;260(11):7137-41

Enzymuria of the rat: biorhythms and sex differences. Grötsch H, et al. **J Clin Chem Clin Biochem** 1985 Jun; 23(6):343-7

Intercuspal distances of maxillary pre-molar teeth in Australian Aboriginals. Townsend GC. **J Dent Res** 1985 Mar;64(3):443-6

Sex differences in plasma concentrations of steroids during the sensitive period for brain differentiation in the zebra finch. Hutchison JB, et al. **J Endocrinol** 1984 Dec; 103(3):363-9

Pigmentary fluctuation and hormonal changes. Banerjee S. **J Genet Hum** 1984 Dec;32(5):345-9

Sex and H-2 haplotype control the resistance of CBA-BALB hybrids to the induction of T cell lymphoma by Moloney leukemia virus. Storch TG, et al. **J Immunol** 1984 Nov; 133(5):2797-800

Relationship of sex and the effects of unilateral lesions on the Wechsler Intelligence Scales. Further considerations. Bornstein RA, et al. **J Nerv Ment Dis** 1984 Dec; 172(12):707-10

Sexually dimorphic regions in the medial preoptic area and the bed nucleus of the stria terminalis of the guinea pig brain: a description and an investigation of their relationship to gonadal steroids in adulthood. Hines M, et al. **J Neurosci** 1985 Jan;5(1):40-7

Sex differences in the response of rats to drugs affecting GABAergic transmission. Peričić D, et al. **Life Sci** 1985

Feb 11;36(6):541-7

Role of paternal and maternal genomes in mouse development. Barton SC, et al. **Nature** 1984 Sep 27-Oct 3;311(5984):374-6

Neuronal growth, atrophy and death in a sexually dimorphic song nucleus in the zebra finch brain. Konishi M, et al. **Nature** 1985 May 9-15;315(6015):145-7

Relation of gonadal hormones to differential LH response to naloxone in prepubertal male and female rats. Sylvester PW, et al. **Neuroendocrinology** 1985 Feb;40(2):165-70

PTH independent sex difference in renal handling of inorganic phosphate in the rat: effect of oophorectomy. Frick A, et al. **Pflugers Arch** 1985 May;404(2):172-7

Sex differences in the effects of early experience on the development of behavioral and brain asymmetries in rats. Camp DM, et al. **Physiol Behav** 1984 Sep;33(3):433-9

Sex differences in the activational effects of gonadal hormones on food intake and body weight. Czaja JA. **Physiol Behav** 1984 Oct;33(4):553-8

Transition from pup killing to parental behavior in male and virgin female albino rats. Jakubowski M, et al. **Physiol Behav** 1985 May;34(5):683-6

Sex differences in the brain: the relation between structure and function. Proceedings of the 13th International School of Brain Research. Amsterdam, The Netherlands, 22-26 August 1983. **Prog Brain Res** 1984;61:1-516

Hormonal organization of sex differences in play fighting and spatial behavior. Beatty WW. **Prog Brain Res** 1984; 61:315-30 (94 ref.)

Biological correlates of high mathematical reasoning ability. Benbow CP, et al. **Prog Brain Res** 1984;61:469-90 (88 ref.)

Steroid influences on the development and function of a neuromuscular system. Breedlove SM. **Prog Brain Res** 1984;61:147-70 (80 ref.)

Sex differences in human cerebral function. Butler S. **Prog Brain Res** 1984;61:443-55 (79 ref.)

The avian song system: relating sex differences in behavior to dimorphism in the central nervous system. DeVoogd T. **Prog Brain Res** 1984;61:171-84 (72 ref.)

Sex differences in vasopressin and other neurotransmitter systems in the brain. De Vries GJ, et al. **Prog Brain Res** 1984;61:185-203 (121 ref.)

Lordosis as a sexually dimorphic neural function. Harlan RE, et al. **Prog Brain Res** 1984;61:239-55 (82 ref.)

Sex differences in visual half-field superiority as a function of responding hand and motor demands. Heister G. **Prog Brain Res** 1984;61:457-68

Androgen metabolism in the brain: behavioural correlates. Hutchison JB, et al. **Prog Brain Res** 1984;61:23-51 (141 ref.)

Sex differences in developmental plasticity in the visual cortex and hippocampal dentate gyrus. Juraska JM. **Prog Brain Res** 1984;61:205-14 (43 ref.)

Social influences on sex differences in the behavior and endocrine state of talapoin monkeys. Keverne EB, et al. **Prog Brain Res** 1984;61:331-47 (39 ref.)

Sex differences in brain organization for verbal and non-verbal functions. Kimura D, et al. **Prog Brain Res** 1984;61:423-41 (46 ref.)

Comparison of aggressive behaviour induced by electrical stimulation in the hypothalamus of male and female rats. Kruk MR, et al. **Prog Brain Res** 1984;61:303-14

Performance and intelligence in hormonally different groups. Nyborg H. **Prog Brain Res** 1984;61:491-508 (79 ref.)

Sexual dimorphism in the hypothalamic metabolism of testosterone in the Japanese Quail (Coturnix coturnix japonica). Schumacher M, et al. **Prog Brain Res** 1984; 61:53-61 (30 ref.)

Sexual differentiation: do males differ from females in behavioral sensitivity to gonadal hormones? Södersten P. **Prog Brain Res** 1984;61:257-70 (45 ref.)

Sexual differentiation of the human brain. A historical perspective. Swaab DF, et al. **Prog Brain Res** 1984; 61:361-74 (88 ref.)

Morphometric methods in sexual dimorphism research on the central nervous system. Uylings HB, et al. **Prog Brain Res** 1984;61:215-22 (37 ref.)

A paradox in development: masculinization of the brain without androgen receptors. Shapiro BH. **Prog Clin Biol Res** 1985;171:151-73

Sex differences in platelet thromboxane and arterial prostacyclin production in control and n-6 fatty acid supplemented rats. Giani E, et al. **Prostaglandins** 1984 Oct; 28(4):573-86

Androgens prevent normally occurring cell death in a sexually dimorphic spinal nucleus. Nordeen EJ, et al. **Science** 1985 Aug 16;229(4714):671-3

A sexually dimorphic nucleus in the human brain. Swaab DF, et al. **Science** 1985 May 31;228(4703):1112-5

Sexing ratite birds by cloacal examination. Samour JH, et al. **Vet Rec** 1984 Aug 25;115(8):167-9

[Differences in mathematical thinking ability in men and women and mathematics in the biological sciences] Presl J. **Cesk Gynekol** 1984 Jul;49(6):455-7 **(Cze)**

[Field dependence-independence and operational thought in girls and boys] Bajard G. **Annee Psychol** 1984;84(3):347-67 (Eng. Abstr.) **(Fre)**

[Neuropsychological findings concerning the role of sex] **Rev Med Suisse Romande** 1984 Jul;104(7):515-22 **(Fre)**

[Variation of the concentration of immunoglobulins and serum proteins as a function of: the environment, age and sex] Popa D, et al. **Rev Ig [Bacteriol]** 1984 Oct-Dec; 29(4):325-31 (Eng. Abstr.) **(Rum)**

[Correlation of the magnitude of voluntary muscle strength and the characteristics of the adaptation of skeletal muscle to force loads in women and men] Issurin VB, et al. **Fiziol Cheloveka** 1985 Jan-Feb;11(1):17-22 **(Rus)**

[Electrocardiographic characteristics of the male and female population aged 20 to 69 (an epidemiological study)] Pakhomova EV, et al. **Ter Arkh** 1985;57(1):49-51 **(Rus)**

[Ultrastructural changes in the serous acini of the submandibular glands in castrated male Wistar rats] Carrera Moreno G, et al. **An Otorrinolaringol Ibero Am** 1985; 12(4):353-63 (Eng. Abstr.) **(Spa)**

SEX CHROMATIN

X-chromatin in congenital virilizing adrenal hyperplasia. Mendonça BB, et al. **Acta Endocrinol (Copenh)** 1984 Oct; 107(2):256-60

X chromatin, endomitoses, and mitotic abnormalities in human cervical cancer. Therman E, et al. **Cancer Genet Cytogenet** 1985 Mar 1;16(1):1-11

Mortality ratios and life expectancy in X chromatin positive males. Price WH, et al. **J Epidemiol Community Health** 1985 Mar;39(1):33-8

ANALYSIS

Sex chromatin as a useful tool for detection of freemartinism in bovine twins. Bhatia S, et al. **Br Vet J** 1985 Jan-Feb; 141(1):42-8

[The significance of Barr's chromatin in carcinoma of the breast] Zanoio L, et al. **Minerva Ginecol** 1984 Jul-Aug; 36(7-8):403-6 (Eng. Abstr.) **(Ita)**

ULTRASTRUCTURE

Distribution of sex chromatin in exfoliated cervical cells under different physiologic and pathologic conditions. De M, et al. **Indian J Pathol Microbiol** 1984 Jul;27(3):215-22

SEX CHROMOSOME ABNORMALITIES

Four cases of XX males: endocrine and clinical features. Menchini-Fabris FG, et al. **Acta Eur Fertil** 1985 Jan-Feb; 16(1):41-5

Trisomy 1q and loss of Y chromosome in a male with osteomyelosclerosis. Bauchinger M. **Acta Haematol (Basel)** 1984;72(2):131-4

The Martin-Bell syndrome: the physician's dilemma [letter] Berger CA, et al. **Am J Dis Child** 1985 Feb;139(2):116

Bibliography on X-linked mental retardation and related subjects II (1985). Opitz JM, et al. **Am J Med Genet** 1985 Aug;21(4):719-29

A case of male pseudohermaphroditism with normal androgen receptor binding and 47,XYY karyotype. Bosch-Banyeras JM, et al. **Ann Genet (Paris)** 1985; 28(2):125-9

Incontinentia pigmenti (IP) and r(X). Tentative mapping of the IP locus to the X juxtacentromeric region. de Grouchy J, et al. **Ann Genet (Paris)** 1985;28(2):86-9

Translocation (X;9)(p11;q34) in a girl with incontinentia pigmenti (IP): implications for the regional assignment of the IP locus to Xp11? Gilgenkrantz S, et al. **Ann Genet (Paris)** 1985;28(2):90-2

46,XX/46,XX,8p- mosaicism in a phenotypically normal female. Suciu S. **Ann Genet (Paris)** 1985;28(2):123-4

Long arm deletions of the X chromosome and their symptoms: a new case (bp q24) and a short review of the literature. Kaiser P, et al. **Clin Genet** 1984 Nov;26(5):433-9

Congenital adrenal hyperplasia and XYY hypogonadism. Abraham RR, et al. **J R Soc Med** 1985 Aug;78(8):672-4

Effects of X and Y chromosomes on body size and shape. Anthropometric studies of 45,X females, 46,XY females, 46,XX males, 47,XXY males, and 47,XYY males. Varrela J. **Proc Finn Dent Soc** 1984;80 Suppl 5:1-59

Specific cloning of DNA fragments absent from the DNA of a male patient with an X chromosome deletion. Kunkel LM, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4778-82

Cytological mapping of the human glucose-6-phosphate dehydrogenase gene distal to the fragile-X site suggests a high rate of meiotic recombination across this site. Szabo P, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7855-9

[Male infertility with chromosomal abnormalities. I. XYY syndrome] Hazama M, et al. **Hinyokika Kiyo** 1985 Jan; 31(1):165-72 (Eng. Abstr.) **(Jpn)**

BLOOD

Endocrinological evaluation in a case of XX male syndrome. Cohen I, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jan;19(1):53-7

Serotonin levels in fragile X autistic patients [letter] Jackson A 3d, et al. **J Autism Dev Disord** 1984 Dec;14(4):451-2

COMPLICATIONS

Association of fragile X syndrome with autism. Goldfine PE, et al. **Am J Psychiatry** 1985 Jan;142(1):108-10

Fra (X) syndrome and autism [letter] Bénézech M, et al. **Clin Genet** 1985 Jul;28(1):93

X chromosome rearrangements and leukemia. Werner-Favre C, et al. **Cytogenet Cell Genet** 1985;39(1):80

Developmental and behavioural disturbances in 13 boys with fragile X syndrome. Largo RH, et al. **Eur J Pediatr** 1985 Mar;143(4):269-75

Brief report: screening children with autism for fragile-X syndrome and phenylketonuria. Pueschel SM, et al. **J Autism Dev Disord** 1985 Sep;15(3):335-8

Neurological findings in patients with the fragile-X syndrome. Finelli PF, et al. **J Neurol Neurosurg Psychiatry** 1985 Feb;48(2):150-3

Fra(X)(p22) not associated with infantile autism [letter] **Lancet** 1984 Dec 15;2(8416):1397

[Description of a case of ring chromosome 21 and pericentric inversion of Y chromosome] Ponzio G, et al. **Pathologica** 1983;75 Suppl:276-9 **(Ita)**

[Cytogenetic evaluation in primary amenorrhea with a clinical presumption of sex chromosome abnormality] de León Esparza M, et al. **Ginecol Obstet Mex** 1983 Feb; 51(310):29-31 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

An important clinical approach in detecting the fragile X syndrome [editorial] Milunsky A. **Am J Public Health** 1985 Jul;75(7):715-6

Fragile X syndrome: a public health concern. Trusler S, et al. **Am J Public Health** 1985 Jul;75(7):771-2

Detection of the fragile X chromosome and other fragile sites. Hecht F, et al. **Clin Genet** 1984 Oct;26(4):301-3

Autism or fragile X syndrome? [letter] Hagerman RJ, et al. **J Am Acad Child Psychiatry** 1985 Mar;24(2):239-40

Polymorphic DNA markers in prenatal diagnosis of fragile X syndrome [letter] Oberlé I, et al. **Lancet** 1985 Apr 13; 1(8433):871

First trimester prenatal diagnosis of a male fetus with fragile X [letter] Tommerup N, et al. **Lancet** 1985 Apr 13; 1(8433):870

Fragile-X syndrome ascertained by the presence of macro-orchidism in a 5-month-old infant. Carmi R, et al. **Pediatrics** 1984 Nov;74(5):883-6

Prenatal sex diagnosis: testosterone and FSH levels in mid-trimester amniotic fluids. Abeliovich D, et al. **Prenat Diagn** 1984 Sep-Oct;4(5):347-53

Five cases of prenatally diagnosed sex chromosome mosaicism. Nocera G, et al. **Prenat Diagn** 1985 May-Jun; 5(3):169-74

Prenatal diagnosis of the fragile-X in male monozygotic twins: discordant expression of the fragile site in amniocytes. Rocchi M, et al. **Prenat Diagn** 1985 May-Jun; 5(3):229-31

A confirmed prenatal diagnosis of a female fetus with the fragile X chromosome [letter] Venter PA, et al. **Prenat Diagn** 1984 Nov-Dec;4(6):473-4

[Disorders of karyotype of hematopoietic cells in preleukemic states] Zedginidze AG. **Gematol Transfuziol** 1985 Jun; 30(6):22-6 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Folic acid blinded trial in identical twins with fragile X syndrome. Rosenblatt DS, et al. **Am J Hum Genet** 1985 May;37(3):543-52

Effect of folic acid treatment in the fragile X syndrome. Gustavson KH, et al. **Clin Genet** 1985 May;27(5):463-7

[Trial of folic acid treatment in fragile X syndrome] Lejeune J, et al. **Ann Genet (Paris)** 1984;27(4):230-2 (Eng. Abstr.) **(Fre)**

[Preliminary evaluation of the treatment with folic acid in 2 patients with sex-linked mental retardation and macroorchidism] Lacassie Y, et al. **Rev Med Chil** 1984 May; 112(5):469-73 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Lymphocyte phosphorylase kinase activities in the sex-linked form of liver phosphorylase kinase deficiency. Goji K, et al. **Eur J Pediatr** 1985 Jan;143(3):179-82

A case of 2-methylacetoacetyl CoA thiolase deficiency with coincidental chromosome abnormalities. Gray RG, et al. **J Med Genet** 1984 Oct;21(5):397

FAMILIAL & GENETIC

Macromelanosomes in X-linked ocular albinism (XLOA). Yoshiike T, et al. **Acta Derm Venereol (Stockh)** 1985; 65(1):66-9

Endocrine and immunogenetic evaluation of an XX male infant with perineoscrotal hypospadias. Kofman-Alfaro S, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):421-7

Cytogenetic findings in moderate and severe mental retardation. A study of an institutionalized population of 1991 patients. Fryns JP, et al. **Acta Paediatr Scand [Suppl]** 1984;313:1-23

Fragile X-chromosome among child psychiatric patients with disturbances of language and social relationships. A pilot study. Jørgensen OS, et al. **Acta Psychiatr Scand** 1984 Nov;70(5):510-4

Genetic mapping of DNA segments relative to the locus for the fragile-X syndrome at Xq27.3. Mulligan LM, et al. **Am J Hum Genet** 1985 May;37(3):463-72

Folate metabolism and chromosomal stability in the fragile X syndrome. Branda RF, et al. **Am J Med** 1984 Oct; 77(4):602-11

Börjeson-Forssman-Lehmann syndrome: further delineation in five cases. Ardinger HH, et al. **Am J Med Genet** 1984 Dec;19(4):653-64

Reproduction in XYY males: two new cases and implications for genetic counseling. Grass F, et al. **Am J Med Genet** 1984 Nov;19(3):553-60

A premutation that generates a defect at crossing over explains the inheritance of fragile X mental retardation. Pembrey ME, et al. **Am J Med Genet** 1985 Aug; 21(4):709-17

Deletion of the long arm of chromosome 11 and sex chromosome constitution [letter] Roy I, et al. **Am J Med Genet** 1985 Feb;20(2):401-2

Report of a third kindred with X-linked anencephaly/spina bifida [letter] Toriello HV. **Am J Med Genet** 1984 Oct; 19(2):411-2

Antifolate-induced misincorporation of deoxyuridine monophosphate into DNA by cells from patients with the fragile X syndrome. Wang JC, et al. **Am J Med Genet** 1985 Aug;21(4):691-6

Bayes' theorem and X-linked ophthalmic disorders. Nowakowski RW. **Am J Optom Physiol Opt** 1984 Oct; 61(10):643-6

Audiologic features of the X-linked progressive mixed deafness syndrome with perilymphatic gusher during stapes gusher. Cremers CW. **Am J Otol** 1985 May;6(3):243-6

Origin and structure of a satellited Y chromosome. Martin Lucas MA, et al. **Ann Genet (Paris)** 1984;27(3):184-6

Mutation and selection in the marker (X) syndrome. A hypothesis. Vogel F. **Ann Hum Genet** 1984 Oct;48 (Pt 4):327-32

Fragile X: a symptom of the disease? [letter] Soudek D. **Can Med Assoc J** 1985 Sep 1;133(5):358-9

Isochromosome X in acute myeloblastic leukemia. Debiec-Rychter M, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1-2):137-41

Translocation X;10 in a case of congenital acute monocytic leukemia. Weis J, et al. **Cancer Genet Cytogenet** 1985 Apr 15;16(4):357-64

Frequency of the fragile X syndrome in infantile autism. A Swedish multicenter study. Blomquist HK, et al. **Clin Genet** 1985 Feb;27(2):113-7

Oral and dental development in X chromosome aneuploidy. Farge P, et al. **Clin Genet** 1985 Feb;27(2):122-6

The fragile X syndrome. A study of 83 families. Fryns JP. **Clin Genet** 1984 Dec;26(6):497-528

Klinefelter syndrome and two fragile X chromosomes. Fryns JP, et al. **Clin Genet** 1984 Nov;26(5):445-7

Dermatoglyphic findings in patients with fragile X-chromosome. Hirth L, et al. **Clin Genet** 1985 Feb; 27(2):118-21

Yq deletion (q11.21) in a H-Y+ azoospermic male. Martín MJ, et al. **Clin Genet** 1985 Jul;28(1):80-3

Inherited tandem duplication dup(X) (q131-q212) in a male proband. Vejerslev LO, et al. **Clin Genet** 1985 Mar; 27(3):276-81

Detection of the fragile X chromosome and other fragile sites [letter] Webb GC. **Clin Genet** 1985 May;27(5):520-1

The human genes for hemophilia A and hemophilia B flank the X chromosome fragile site at Xq27.3. Purrello M, et al. **EMBO J** 1985 Mar;4(3):725-9

A case of 48, XYY, +21. Teramoto H, et al. **Hiroshima J Med Sci** 1985 Jun;34(2):173-5

Genetic linkage heterogeneity in the fragile X syndrome. Brown WT, et al. **Hum Genet** 1985;71(1):11-8

X-Y translocation. A case report. Cameron IT, et al. **Hum Genet** 1984;67(4):457-9

An aetiological study of 290 XXY males, with special reference to the role of paternal age. Carothers AD, et al. **Hum Genet** 1984;68(3):248-53

Transmission of the marker X syndrome trait by unaffected males: conclusions from studies of large families. Froster-Iskenius U, et al. **Hum Genet** 1984;67(4):419-27

Increased sister chromatid exchanges in human cell lines characterized by monosomy X or structural abnormalities of the X chromosome. Iqbal MA, et al. **Hum Genet** 1984; 68(3):205-8

Studies on chiasma frequency and distribution in two fertile men carrying reciprocal translocations; one with a t(9;10) karyotype and one with a t(Y;10) karyotype. Laurie DA, et al. **Hum Genet** 1984;68(3):235-47

A cytogenetic study of a population of retarded females with special reference to the fragile (X) syndrome. Mayer M, et al. **Hum Genet** 1985;69(3):206-8

Further segregation analysis of the fragile X syndrome with special reference to transmitting males. Sherman SL, et al. **Hum Genet** 1985;69(4):289-99

The phenotypic effects of small, distal Xq deletions. Trunca C, et al. **Hum Genet** 1984;68(1):87-9

Unequal mitotic sister chromatid exchange and different length of Y chromosomes. Wahlström J, et al. **Hum Genet** 1985;70(2):186-8

Linkage and recombination between fragile X-linked mental retardation and the factor IX gene. Warren ST, et al. **Hum Genet** 1985;69(1):44-6

X-linked sterility and lethality--a working hypothesis to explain abnormal sexual development. Bamezai R. **Indian J Exp Biol** 1984 May;22(5):233-8

Clinical presentation of sex chromosomal anomalies. O'Connell F, et al. **Ir Med J** 1984 Oct;77(10):313-6

Homicidality in a woman with a 47,XXX karyotype. Kazamatsuri H, et al. **J Clin Psychiatry** 1985 Aug; 46(8):346-7

Deleted X chromosomes in patients with the fragile X syndrome. Fitchett M, et al. **J Med Genet** 1984 Oct; 21(5):373

Frequency and replication status of the fragile X, fra(X)(q27-28), in a pair of monozygotic twins of markedly differing intelligence. Tuckerman E, et al. **J Med Genet** 1985 Apr;22(2):85-91

The genetic distance between the coagulation factor IX gene and the locus for the fragile X syndrome: clinical implications. Forster-Gibson CJ, et al. **J Neurogenet** 1985 Jun;2(3):231-7

Recombinant DNA approach to X-linked mental retardation. Sparkman DR. **J Neurogenet** 1984 Sep;1(3):199-211 (114 ref.)

Sex chromosome variations in school-age children. Cohen FL, et al. **J Sch Health** 1985 Mar;55(3):99-102

A 7q- son of an XYY father. Kajii T, et al. **Jinrui Idengaku Zasshi** 1984 Sep;29(3):387-9

Chromosome Y-specific DNA in related human XX males. Page DC, et al. **Nature** 1985 May 16-22;315(6016):224-6

X-linked mental retardation. Fryns JP. **Prog Clin Biol Res** 1985;177:309-19

[The 47,XXX syndrome in a family with the fragile X chromosome syndrome] Seemanová E, et al. **Cas Lek Cesk** 1985 Aug 2;124(31):988-91 (Eng. Abstr.) **(Cze)**

[Variations in the presence of a fragile site on X--fra(X)--according to cases and methods used] Crippa L, et al. **J Genet Hum** 1984 Jul;32(3):193-7 (Eng. Abstr.) **(Fre)**

[Mental retardation and fragile X chromosome. Clinical and cytogenetic study of 3 families] Gilgenkrantz S, et al. **J Genet Hum** 1984 Jul;32(3):199-207 (Eng. Abstr.) **(Fre)**

[Mental retardation linked to fragility of chromosome X: current knowledge] Mattei JF, et al. **J Genet Hum** 1984 Jul;32(3):167-92 (213 ref.) (Eng. Abstr.) **(Fre)**

[The 49,XYYYY syndrome: apropos of a case detected at birth and followed for 2 1/2 years] Plauchu H, et al. **J Genet Hum** 1984 Sep;32(4):299-306 (Eng. Abstr.) **(Fre)**

[Clinical picture of X chromosome recessive ichthyosis] Voss M. **Dermatol Monatsschr** 1985;171(1):25-37 (Eng. Abstr.) **(Ger)**

[The FG syndrome (McK 30545). Description of 2 cases with subaortic stenosis] Russo A, et al. **G Ital Cardiol** 1985 Mar; 15(3):349-53 (Eng. Abstr.) **(Ita)**

[2 cases of dicentric Y chromosome] Neri G, et al. **Pathologica** 1983;75 Suppl:286-9 **(Ita)**

[Somatic and mental changes in sex chromosome anomalies (a review of the literature)] Petrukhina TE. **Voen Med Zh** 1985 Mar;(3):38-41 (10 ref.) **(Rus)**

[Sex-related neurologic diseases. Familial X-linked mental retardation with a fragile X marker. Study of 8 families] Rodríguez Costa T, et al. **An Esp Pediatr** 1984 Oct;21 Suppl 20:54-7 **(Spa)**

IMMUNOLOGY

Study of H-Y antigen in abnormal sex determination with monoclonal antibody and an ELISA. Moreira-Filho CA, et al. **Am J Med Genet** 1985 Mar;20(3):525-34

METABOLISM

Relative DNA content in lymphocytes and buccal mucosa of patients with sex chromosomal anomalies. Sen S, et al. **Cytobios** 1985;42(166):87-91

The X-linked hypophosphatemic vitamin D resistant rickets: old and new concepts. Brunette MG. **Int J Pediatr Nephrol** 1985 Jan-Mar;6(1):55-62 (60 ref.)

Thymidylate metabolism in fragile X syndrome cells. Wang JC, et al. **Somatic Cell Mol Genet** 1985 Jul;11(4):353-7

MORTALITY

Mortality ratios and life expectancy in X chromatin positive males. Price WH, et al. **J Epidemiol Community Health** 1985 Mar;39(1):33-8

PATHOLOGY

Reduction of fragile X expression in blood after cryopreservation. Shimanuki K, et al. **Am J Med Genet** 1985 Aug;21(4):771-5

Co-cultivation studies in the expression of fragile (X) (q27) in lymphocytes. Webb TP. **Clin Genet** 1985 Jun; 27(6):529-34

Retinal histopathology of a carrier of X-chromosome-linked retinitis pigmentosa. Szamier RB, et al. **Ophthalmology** 1985 Feb;92(2):271-8

PHYSIOPATHOLOGY

Leydig cell function in the absence of an intact Y chromosome. Chubb C, et al. **Biol Reprod** 1984 Oct; 31(3):536-40

Tentative evidence of Y-linked statural gene(s). Growth in the testicular feminization syndrome. Smith DW, et al. **Clin Pediatr (Phila)** 1985 Apr;24(4):189-92

Early onset of menstruation in a 45,X girl. Murano I, et al. **Jinrui Idengaku Zasshi** 1985 Mar;30(1):35-40

[Longitudinal study of 10 subjects with structural anomalies of chromosome X] Kehyayan E, et al. **Minerva Endocrinol** 1984 Oct-Dec;9(4):401-8 (Eng. Abstr.) **(Ita)**

PSYCHOLOGY

Mental illness and sex chromosome aberration: renewed interest in light of a current survey. Wahlström J, et al. **Acta Psychiatr Scand** 1984 Oct;70(4):404-5

A psychological study of the personalities of XYY- and XXY-men. Theilgaard A. **Acta Psychiatr Scand [Suppl]** 1984;315:1-133

Learning disabilities and attentional problems in boys with the fragile X syndrome. Hagerman R, et al. **Am J Dis Child** 1985 Jul;139(7):674-8

The sex chromosomes--one key to autism? An XYY case of infantile autism. Gillberg C, et al. **Appl Res Ment Retard** 1984;5(3):353-60

Aggression and the XYY personality. Theilgaard A. **Int J Law Psychiatry** 1983;6(3-4):413-21

X chromosome abnormalities and cognitive development: implications for understanding normal human development. Walzer S. **J Child Psychol Psychiatry** 1985 Mar; 26(2):177-84 (41 ref.)

Cognitive and psychiatric variability in three brothers with fragile X syndrome. Varley CK, et al. **J Dev Behav Pediatr** 1985 Apr;6(2):87-90

VETERINARY

Fertile male tortoiseshell cats. Mosaicism due to gene instability? Moran C, et al. **J Hered** 1984 Sep-Oct; 75(5):397-402

Molecular evidence for partial inactivation of Y loops in T(X:Y)56 males from D. hydei. Lifshytz E, et al. **MGG** 1985;199(1):46-52

Sex chromosome mosaicism and infertility in mares. Halnan CR. **Vet Rec** 1985 May 18;116(20):542-3

SEX CHROMOSOMES

Sex differences in avian embryo pulmonary surfactant production: evidence for sex chromosome involvement. Nielsen HC, et al. **Endocrinology** 1985 Jul;117(1):31-7

A re-examination of the case for homology between the X and Y chromosomes of mouse and man. Ashley T. **Hum Genet** 1984;67(4):372-7

Does X-Y pairing during male meiosis protect the paired region of the X chromosome from subsequent X-inactivation? Burgoyne PS, et al. **Hum Genet** 1985; 70(1):82-3

The sex reversal syndrome (the XX male patient). Raspa RW, et al. **J Urol** 1985 Jul;134(1):152-3

The genetic basis of Haldane's rule. Coyne JA. **Nature** 1985 Apr 25-May 1;314(6013):736-8

Sex chromosomes and evolution. Haldane's Rule OK [news] Jones JS, et al. **Nature** 1985 Apr 25-May 1;314(6013):668-9

Maternal and sex-linked genetic effects in broiler parent stocks. Bernon DE, et al. **Poult Sci** 1985 Jan;64(1):29-38

[Vitreous hemorrhage and sex linked juvenile retinoschisis] Turut P, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):475-7 (Eng. Abstr.) **(Fre)**

DRUG EFFECTS

Trenimon-induced sex chromosome loss in Drosophila: different dose-responses for ring-X loss as compared to rod-X loss and Y-marker loss. Kramers PG. **Mutat Res** 1985 Jan-Feb;142(1-2):29-35

PHYSIOLOGY

Meiosis in Drosophila melanogaster. V. Univalent behavior in In(1)sc4Lsc8R/BsY males. Lin HP, et al. **Can J Genet Cytol** 1984 Aug;26(4):445-58

Correlation between sexual phenotype and X-chromosome inactivation pattern in the X*XY wood lemming. Schempp W, et al. **Cytogenet Cell Genet** 1985;39(1):30-4

Chromosomes and sex differentiation in eutherians. Müller U. **J Embryol Exp Morphol** 1984 Nov;83 Suppl:41-9

X-linkage of steroid sulphatase in the mouse is evidence for a functional Y-linked allele. Keitges E, et al. **Nature** 1985 May 16-22;315(6016):226-7

RADIATION EFFECTS

The effect of repeated microwave irradiation on the frequency of sex-linked recessive lethal mutations in Drosophila melanogaster. Marec F, et al. **Mutat Res** 1985 Aug-Sep;157(2-3):163-7

ULTRASTRUCTURE

Identification of sex chromosomes in lake trout (Salvelinus namaycush). Phillips RB, et al. **Cytogenet Cell Genet** 1985; 39(1):14-8

SEX DETERMINATION

see related
SEX CHROMATIN

Study of H-Y antigen in abnormal sex determination with monoclonal antibody and an ELISA. Moreira-Filho CA, et al. **Am J Med Genet** 1985 Mar;20(3):525-34

A statistical test for differences in sexual dimorphism between populations. Relethford JH, et al. **Am J Phys Anthropol** 1985 Jan;66(1):55-61

Effect of separating bull semen into X and Y chromosome-bearing fractions on the sex ratio of resulting embryos. Hagele WC, et al. **Can J Comp Med** 1984 Jul;

48(3):294–8

Weak male–determining genes and female heterogamety in Chironomus tentans. Feraday R. **Can J Genet Cytol** 1984 Dec;26(6):748–51

Are there female heterogametic strains of Chironomus tentans Fabricius? Martin J, et al. **Can J Genet Cytol** 1984 Dec;26(6):743–7

Sex–specific regulation of yolk protein gene expression in Drosophila. Belote JM, et al. **Cell** 1985 Feb;40(2):339–48

A sex–determining gene, fem–1, required for both male and hermaphrodite development in Caenorhabditis elegans. Doniach T, et al. **Dev Biol** 1984 Nov;106(1):223–35

Chromosomal sex and distribution of functional germ cells in a series of chimeric mice. Iannaccone PM, et al. **Exp Cell Res** 1985 Feb;156(2):471–7

Role of altered sexual physiology on X chromosomal replication pattern in Drosophila melanogaster. Mutsuddi D, et al. **Indian J Exp Biol** 1985 Jan;23(1):8–16

What determines sex? A study of converging approaches, 1880–1916. Maienschein J. **Isis** 1984 Sep;75(278):457–80

Switch genes and sex determination in the nematode C. elegans. Hodgkin J. **J Embryol Exp Morphol** 1984 Nov;83 Suppl:103–17

Discriminant function sexing of the tibia. Işcan MY, et al. **J Forensic Sci** 1984 Oct;29(4):1087–93

The determination of sex from forcibly removed hairs. Mudd JL. **J Forensic Sci** 1984 Oct;29(4):1072–80

Misclassification probability of dental discrimination functions for sex determination. Owsley DW, et al. **J Forensic Sci** 1983 Jan;28(1):181–5

Determination of sex with a discriminant analysis of new pelvic bone measurements: Part II. Schulter–Ellis FP, et al. **J Forensic Sci** 1985 Jan;30(1):178–85

Determination of sex with a discriminant analysis of new pelvic bone measurements: Part I. Schulter–Ellis FP, et al. **J Forensic Sci** 1983 Jan;28(1):169–80

H–Y antigen and the evolution of heterogamety. Nakamura D, et al. **J Hered** 1984 Sep–Oct;75(5):353–8

Erroneous theories of sex determination. Mittwoch U. **J Med Genet** 1985 Jun;22(3):164–70

A study on sex determination based on mandibular canines––by Moiré topography. Suzuki T, et al. **J Nihon Univ Sch Dent** 1984 Sep;26(3):246–55

Prenatal ultrasound diagnosis of ambiguous genitalia. Cooper C, et al. **J Ultrasound Med** 1985 Aug;4(8):433–6

Prenatal sex determination [letter] Boué J, et al. **Lancet** 1985 Jan 5;1(8419):57

Sex chromosomes and evolution. Haldane's Rule OK [news] Jones JS, et al. **Nature** 1985 Apr 25–May 1;314(6013):668–9

Relationship of vaginitis to the sex of conceptuses. Minkoff H, et al. **Obstet Gynecol** 1985 Aug;66(2):239–40

Prenatal sex diagnosis: testosterone and FSH levels in mid–trimester amniotic fluids. Abeliovich D, et al. **Prenat Diagn** 1984 Sep–Oct;4(5):347–53

Improved direct molecular diagnosis and rapid fetal sexing. Hoar DI, et al. **Prenat Diagn** 1984 Jul–Aug;4(4):241–7

Sex determination: a hypothesis based on noncoding DNA. Chandra HS. **Proc Natl Acad Sci USA** 1985 Feb; 82(4):1165–9

Genetic damage, mutation, and the evolution of sex. Bernstein H, et al. **Science** 1985 Sep 20;229(4719):1277–81 (41 ref.)

Sex determination of monomorphic birds by fibreoptic endoscopy. Jones DM, et al. **Vet Rec** 1984 Dec 8; 115(23):596–8

[Sex determination using a pulled out hair] Klir P, et al. **Soud Lek** 1984 May;29(2):17–21 (Eng. Abstr.) **(Cze)**

[Should parents be informed of fetal sex following genetic amniocentesis?] Vaara L, et al. **Duodecim** 1984; 100(17):1113–6 **(Fin)**

[Value and indications for ultrasonographic determination of fetal sex] Levi S, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(5):521–6 (Eng. Abstr.) **(Fre)**

[Fetal sex determination by molecular DNA probes specific for chromosome Y. Caution (letter)] Boue A. **Presse Med** 1985 Apr 27;14(17):982 **(Fre)**

[Use of chromosome Y–specific DNA molecular probes for determination of the fetal sex during the 1st trimester of pregnancy (letter)] Goossens M, et al. **Presse Med** 1985 Feb 16;14(7):428 **(Fre)**

[Morphometric sexual dimorphism and sexual diagnosis of the tubular hand skeleton] Killian W. **Z Morphol Anthropol** 1984;75(1):85–95 (Eng. Abstr.) **(Ger)**

[Discriminant analysis of the mandible for sex determination] Pötsch–Schneider L, et al. **Z Rechtsmed** 1985;94(1):21–30 (Eng. Abstr.) **(Ger)**

[Prenatal sex determination using ultrasound] Dalicho FH. **Zentralbl Gynakol** 1984;106(10):672–80 (Eng. Abstr.) **(Ger)**

[Sexual ambiguity at birth: causes and proposal for a diagnostic scheme] Dalla Pria S, et al. **Minerva Ginecol** 1985 Mar;37(3):99–103 (Eng. Abstr.) **(Ita)**

[Determination of the sex and shape of the face by examination of the mandible] Korovianskiĭ OP, et al. **Sud Med Ekspert** 1984 Jul–Sep;27(3):34–9 (Eng. Abstr.) **(Rus)**

[Does negative feedback exist in the determination of sex?] Geodakian VA, et al. **Zh Obshch Biol** 1985 Mar–Apr; 46(2):201–16 (30 ref.) (Eng. Abstr.) **(Rus)**

[Use of amniotic fluid cytology in the prenatal diagnosis of sex] Iglesias Benavides JL, et al. **Ginecol Obstet Mex** 1983 Apr;51(312):83–7 (Eng. Abstr.) **(Spa)**

VETERINARY

Sex determination of monomorphic birds [letter] Eaton TM. **Vet Rec** 1985 Jan 12;116(2):58

SEX DEVIATIONS see **PARAPHILIAS**

SEX DIFFERENTIATION

Influences of testosterone on contractile proteins of the guinea pig temporalis muscle. Kelly A, et al. **Adv Exp Med Biol** 1985;182:155–68

Mesonephric excretory function related to its influence on differentiation of fetal gonads. Grinsted J, et al. **Anat Rec** 1984 Dec;210(4):551–6

Gonadal hormones and brain development: implications for the genesis of sexual differentiation. Toran–Allerand CD. **Ann NY Acad Sci** 1984;435:101–11 (24 ref.)

Multiple actions of steroids and their antagonists. Whalen RE. **Arch Sex Behav** 1984 Oct;13(5):497–502

Differential effects of the perinatal steroid environment on three sexually dimorphic parameters of the rat brain. Handa RJ, et al. **Biol Reprod** 1985 May;32(4):855–64

Hypothalamic nuclei catechol–O–methyl–transferase and the process of brain sexual differentiation. Ladosky W, et al. **Braz J Med Biol Res** 1984;17(2):107–17

The ultrastructural and biosynthetic characteristics of steroidogenic cells in the gonad of Monopterus albus (Teleostei) during natural sex reversal. Yeung WS, et al. **Cell Tissue Res** 1985;239(2):383–94

Genetic analysis of developmental mechanics in hydra. XI. Mechanism of sex reversal by heterosexual parabiosis. Sugiyama T, et al. **Dev Biol** 1985 Aug;110(2):413–21

Sexual differentiation of positive feedback: effect of hour of castration at birth on estradiol–induced luteinizing hormone secretion in immature male rats. Corbier P. **Endocrinology** 1985 Jan;116(1):142–7

Sex differences in avian embryo pulmonary surfactant production: evidence for sex chromosome involvement. Nielsen HC, et al. **Endocrinology** 1985 Jul;117(1):31–7

Normal female germ cell differentiation requires the female X chromosome to autosome ratio and expression of sex–lethal in Drosophila melanogaster. Schüpbach T. **Genetics** 1985 Mar;109(3):529–48

Further evidence for masculinization of female rats by males located caudally in utero. Richmond G, et al. **Horm Behav** 1984 Dec;18(4):484–90

Does X–Y pairing during male meiosis protect the paired region of the X chromosome from subsequent X–inactivation? Burgoyne PS, et al. **Hum Genet** 1985; 70(1):82–3

Chromosomes and sex differentiation in eutherians. Müller U. **J Embryol Exp Morphol** 1984 Nov;83 Suppl:41–9

The role of neonatal and pubertal gonadal hormones in regulating the sex dependence of the hepatic microsomal testosterone 5–reductase activity in the rat. Pak RC, et al. **J Endocrinol** 1985 Jul;106(1):71–9

Age, sex and gonadal influences on oestrogen receptor content in the rat liver. Rochman H, et al. **J Endocrinol** 1985 Jul;106(1):95–102

Induction of selective release of FSH in castrated male rats bearing an ovarian transplant by the administration of human chorionic gonadotrophin. Watanabe G, et al. **J Endocrinol** 1985 Jul;106(1):31–6

Human sexual development. Wachtel SS. **J Endocrinol Invest** 1984 Dec;7(6):663–73 (65 ref.)

The articulations of Adam's rib with the lower urinary tract. [clinical conference] Federman DD. **Kidney Int** 1984 Oct; 26(4):476–81

Sexual differentiation of cytochrome P–450 in rat liver. Evidence for a constitutive isozyme as the male–specific 16 alpha–hydroxylase. Morgan ET, et al. **Mol Pharmacol** 1985 Apr;27(4):471–9

The search for the ultimate cause of maleness [editorial] Kidd KK. **N Engl J Med** 1985 Jul 25;313(4):260–1

Evidence that the human Y chromosome does not contain clustered DNA sequences (BKM) associated with heterogametic sex determination in other vertebrates. Kiel–Metzger K, et al. **N Engl J Med** 1985 Jul 25; 313(4):242–5

Male sexual differentiation in mice lacking H–Y antigen. McLaren A, et al. **Nature** 1984 Dec 6–12;312(5994):552–5

Evidence of incomplete behavioral sexual differentiation in obese male Zucker rats. Doherty PC, et al. **Physiol Behav** 1985 Feb;34(2):177–9

Differentiation of sexual behaviour in female marmoset monkeys: effects of neonatal testosterone or a male co–twin. Abbott DH. **Prog Brain Res** 1984;61:349–58

Participation of estrogens in female sexual differentiation of the brain; neuroanatomical, neuroendocrine and behavioral evidence. Döhler KD, et al. **Prog Brain Res** 1984;61:99–117 (79 ref.)

Sexual differentiation of the forebrain––relationship to gonadotrophin secretion. Dyer RG. **Prog Brain Res** 1984; 61:223–36 (54 ref.)

Sexual dimorphism and transsexuality: clinical observations. Gooren LJ. **Prog Brain Res** 1984;61:399–406

Critical role for the medial preoptic area in the sexual differentiation of the brain. Gorski RA. **Prog Brain Res** 1984;61:129–46 (89 ref.)

Serotoninergic influences on sexual differentiation of the rat brain. Jarzab B, et al. **Prog Brain Res** 1984;61:119–26

Psychoendocrine research on sexual orientation. Current status and future options. Meyer–Bahlburg HF. **Prog Brain Res** 1984;61:375–98 (127 ref.)

On the genesis of sexual differentiation of the general nervous system: morphogenetic consequences of steroidal exposure and possible role of alpha–fetoprotein. Toran–Allerand CD. **Prog Brain Res** 1984;61:63–98 (215 ref.)

Sex differentiation of liver protein synthesis. Lucier GW, et al. **Prog Clin Biol Res** 1985;163C:381–7

The intrauterine position phenomenon: effects on physiology, aggressive behavior and population dynamics in house mice. vom Saal FS. **Prog Clin Biol Res** 1984;169:135–79

[Synergistic action, on the masculinization of female chick embryo gonads, of a graft of embryonic testis and administration of an anti–estrogenic substance (tamoxifen)] Maraud R, et al. **C R Soc Biol (Paris)** 1985;179(1):78–84 (Eng. Abstr.) **(Fre)**

[Synaptic sexual differentiation and sex steroids] Arai Y, et al. **Tanpakushitsu Kakusan Koso** 1984 Dec;29(14):1919–27 **(Jpn)**

[Intravital selection of early mouse embryos by sex and karyotypic characteristics] Severova EL, et al. **Ontogenez** 1984 Nov–Dec;15(6):585–92 (Eng. Abstr.) **(Rus)**

[Etiopathogenic panorama of gonadal differentiation] Páramo PG, et al. **Actas Urol Esp** 1985 Jan–Feb;9(1):39–52 **(Spa)**

DRUG EFFECTS

Effects of corticosteroids on sexual differentiation of the rat brain. Stylianopoulou F, et al. **Acta Endocrinol [Suppl] (Copenh)** 1984;265:7–8

The correlation between the degree of brain masculinization and song quality in estradiol treated female zebra finches. Pohl–Apel G. **Brain Res** 1985 Jun 17;336(2):381–3

Reversal of the sexually dimorphic distribution of serotonin–immunoreactive fibers in the medial preoptic nucleus by treatment with perinatal androgen. Simerly RB, et al. **Brain Res** 1985 Aug 5;340(1):91–8

The development of a male pseudohermaphroditic rat using an inhibitor of the enzyme 5 alpha–reductase. Imperato–McGinley J, et al. **Endocrinology** 1985 Feb; 116(2):807–12

Effects of natural androgens and corticosteroids on gonad differentiation in the rainbow trout, Salmo gairdneri. van den Hurk R, et al. **Gen Comp Endocrinol** 1985 Feb; 57(2):216–22

Estradiol contributes to the postnatal demasculinization of female Japanese quail (Coturnix coturnix japonica). Balthazart J, et al. **Horm Behav** 1984 Sep;18(3):287–97

The postnatal demasculinization of sexual behavior in the Japanese quail (Coturnix coturnix japonica). Schumacher M, et al. **Horm Behav** 1984 Sep;18(3):298–312

Influence of perinatal androgen on the sexually dimorphic distribution of tyrosine hydroxylase–immunoreactive cells and fibers in the anteroventral periventricular nucleus of the rat. Simerly RB, et al. **Neuroendocrinology** 1985 Jun; 40(6):501–10

Effects of perinatal Kepone exposure on sexual differentiation of the rat brain. Cooper JR, et al. **Neurotoxicology (Little Rock Ar)** 1985 Spring;6(1):183–90

Neonatal androgen influences sexual motivation but not the masculine copulatory motor pattern in the rat. Moralí G, et al. **Physiol Behav** 1985 Feb;34(2):267–75

Differential effects of perinatal androgen treatment on sexually dimorphic characteristics in rats. Sachs BD, et al. **Physiol Behav** 1985 May;34(5):735–42

Sex differences in the response to neonatal steroid treatment in the mongolian gerbil. Turner JW Jr. **Physiol Behav** 1984 Aug;33(2):173–7

Prenatal gonadal steroidal influences on gender–related behavior. Reinisch JM, et al. **Prog Brain Res** 1984; 61:407–16 (39 ref.)

Alteration of behavioral sex differentiation by exposure to estrogenic compounds during a critical neonatal period: effects of zearalenone, methoxychlor, and estradiol in hamsters. Gray LE Jr, et al. **Toxicol Appl Pharmacol** 1985 Aug;80(1):127–36

[Tamoxifen and sex differentiation of the gonads in chick embryo] Weniger JP, et al. **Arch Anat Microsc Morphol Exp** 1984;73(4):217–27 (Eng. Abstr.) **(Fre)**

[Organotypic culture of the genital tubercle of the fetal rat: induction of the os penis by testosterone] Murakami R, et al. **C R Soc Biol (Paris)** 1984;178(5):576–9 (Eng. Abstr.) **(Fre)**

SEX DIFFERENTIATION DISORDERS

see related

TRANSSEXUALISM

[Etiopathogenic panorama of gonadal differentiation] Páramo PG, et al. **Actas Urol Esp** 1985 Jan–Feb;9(1):39–52 **(Spa)**

DIAGNOSIS

An approach to abnormal sexual differentiation. Lee BW. **J Singapore Paediatr Soc** 1985;27(1–2):61–4

Aspects of male hypogonadism. Wong HB, et al.

J Singapore Paediatr Soc 1985;27(1-2):47-60

Pediatric urologic intraoperative consultation. Kay R. **Urol Clin North Am** 1985 Aug;12(3):461-8

[The wrong sex] Otten BJ, et al. **Tijdschr Kindergeneeskd** 1984 Aug;52(4):155-9 (Eng. Abstr.) **(Dut)**

[Diagnosis of embryonic pathology of sexual development] Golubeva IV, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):45 **(Rus)**

FAMILIAL & GENETIC

H-Y antigen and disorders of gonadal development. Müller U. **Ergeb Inn Med Kinderheilkd** 1984;53:73-101 (145 ref.)

The sex reversal syndrome (the XX male patient). Raspa RW, et al. **J Urol** 1985 Jul;134(1):152-3

[The XX male syndrome] Alvarez de Santos M, et al. **Bol Med Hosp Infant Mex** 1985 Jun;42(6):393-6 (Eng. Abstr.) **(Spa)**

METABOLISM

Human minimal androgen insensitivity with normal dihydrotestosterone-binding capacity in cultured genital skin fibroblasts: evidence for an androgen-selective qualitative abnormality of the receptor. Pinsky L, et al. **Am J Hum Genet** 1984 Sep;36(5):965-78

PHYSIOPATHOLOGY

Abnormal sexual differentiation: male pseudohermaphroditism (MPH) and abnormal steroid synthesis metabolism and action. Simpson A, et al. **Prog Clin Biol Res** 1985;171:175-206

PREVENTION & CONTROL

Pharmacologic suppression of the fetal adrenal gland in utero. Attempted prevention of abnormal external genital masculinization in suspected congenital adrenal hyperplasia. Evans MI, et al. **JAMA** 1985 Feb 15; 253(7):1015-20

SEX DISORDERS

Physician education in human sexuality. Matteson GN, et al. **J Fam Pract** 1984 Nov;19(5):683-4

CHEMICALLY INDUCED

Neuroendocrine effects of haloperidol decanoate in patients with chronic schizophrenia. Meco G, et al. **Adv Biochem Psychopharmacol** 1985;40:89-93

Drug-induced sexual dysfunction and infertility. Beeley L. **Adverse Drug React Acute Poisoning Rev** 1984 Spring; 3(1):23-42 (125 ref.)

Reversal of MAOI-induced anorgasmia with cyproheptadine [letter] Decastro RM. **Am J Psychiatry** 1985 Jun;142(6):783

Cimetidine blocks testosterone synthesis. Lardinois CK, et al. **Arch Intern Med** 1985 May;145(5):920-2

Unusual side effects of clomipramine associated with yawning [letter] Harrison W, et al. **Can J Psychiatry** 1984 Oct; 29(6):546

Drug-induced sexual dysfunction in older men. Van Arsdalen KN, et al. **Geriatrics** 1984 Oct;39(10):63-7, 70

Sexual dysfunction secondary to topical ophthalmic timolol [letter] Fraunfelder FT, et al. **JAMA** 1985 Jun 7; 253(21):3092-3

Thioridazine and understanding sexual phases in both sexes. Shen WW, et al. **Psychiatr J Univ Ottawa** 1984 Dec; 9(4):187-90

[Effect of psychopharmacologic therapy on sexual functioning] Strauss B, et al. **Fortschr Neurol Psychiatr** 1984 Sep;52(9):293-301 (Eng. Abstr.) **(Ger)**

COMPLICATIONS

Anorgasmy in diabetic women [letter] Khardori R. **Hosp Pract [Off]** 1985 Jan 15;20(1):17

DIAGNOSIS

Screening for sexual problems through a simple questionnaire. Plouffe L Jr. **Am J Obstet Gynecol** 1985 Jan 15;151(2):166-9

An assessment approach to couples with sexual problems. Watters WW, et al. **Can J Psychiatry** 1985 Feb;30(1):2-11

[Multi-axial diagnosis of sexual dysfunction. A new model] Jensen SB, et al. **Ugeskr Laeger** 1984 Sep 19;146(38):2854-7 (Eng. Abstr.) **(Dan)**

[Erection dysfunction illustrated by multi-axial diagnosis] Jensen SB, et al. **Ugeskr Laeger** 1984 Sep 19; 146(38):2858-61 (Eng. Abstr.) **(Dan)**

DRUG THERAPY

The use of phenoxybenzamine treatment in premature ejaculation. Shilon M, et al. **Fertil Steril** 1984 Oct; 42(4):659-61

A clinical trial of the beta blocker propranolol in premature ejaculation. Cooper AJ, et al. **J Psychosom Res** 1984; 28(4):331-6

Behavioral analysis of sexual dysfunction in Hansen's disease. Faulstich ME. **Percept Mot Skills** 1985 Feb;60(1):115-8

[Treatment of the sexual disorders in chronic prostatitis with the preparation Undestor] Tsvetkov D, et al. **Akush Ginekol (Sofiia)** 1984;23(6):529-31 (Eng. Abstr.) **(Bul)**

ETIOLOGY

Sexual dysfunction after low anterior resection for midrectal cancer. Hjortrup A, et al. **Acta Chir Scand** 1984; 150(8):687-8

Sexual disturbances arising from multiple sclerosis. Minderhoud JM, et al. **Acta Neurol Scand** 1984 Oct; 70(4):299-306

Sexual dysfunctions in multiple sclerosis. Szasz G, et al. **Ann NY Acad Sci** 1984;436:443-52

Ejaculation and sexual function after endoscopic bladder neck incision. Hedlund H, et al. **Br J Urol** 1985 Apr; 57(2):164-7

Stress-induced inhibition of sexual behavior: corticosterone inhibits courtship behaviors of a male amphibian (Taricha granulosa). Moore FL, et al. **Horm Behav** 1984 Dec; 18(4):400-10

Sexual consequences of cerebrovascular accident: discussion paper. Humphrey M. **J R Soc Med** 1985 May;78(5):388-90

Sexual dysfunction in men with alcoholic liver cirrhosis. A comparative study. Jensen SB, et al. **Liver** 1985 Apr; 5(2):94-100

Disorder of the pineal gland associated with depression, peptic ulcers, and sexual dysfunction. Maurizi CP. **South Med J** 1984 Dec;77(12):1516-8 (39 ref.)

Sexual and marital relationships after treatment for nonseminomatous testicular cancer. Schover LR, et al. **Urology** 1985 Mar;25(3):251-5

[Ovarian hormones and the sex life of women] Raboch J, et al. **Cas Lek Cesk** 1985 May 17;124(20):609-13 (Eng. Abstr.) **(Cze)**

[Sexual functions and reproduction in diabetics] Fossati P, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:269-86 (48 ref.) **(Fre)**

[Clinical study of sexual dysfunction after surgery of cancer of the rectum] Frego M, et al. **Minerva Chir** 1985 Feb 15; 40(3):121-4 (Eng. Abstr.) **(Ita)**

[Aortic surgery and sexual function] Pellegrino F. **Minerva Med** 1985 Mar 24;76(12):533-42 (Eng. Abstr.) **(Ita)**

OCCURRENCE

[Sexual problems of patients in general practice] Buddeberg C, et al. **Schweiz Rundsch Med Prax** 1984 Sep 11; 73(37):1113-8 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Nocturnal penile tumescent evaluation of erectile function in insulin-dependent diabetic men. Schiavi RC, et al. **Diabetologia** 1985 Feb;28(2):90-4

Bupropion--an antidepressant without sexual pathophysiological action. Gardner EA, et al. **J Clin Psychopharmacol** 1985 Feb;5(1):24-9

Bladder and sexual dysfunction in multiple sclerosis. Schoenberg H. **Neurol Clin** 1983 Aug;1(3):601-13

Naloxone reversal of stress-induced reproductive effects in the male rhesus monkey. Gilbeau PM, et al. **Neuropeptides** 1985 Feb;5(4-6):335-8

PSYCHOLOGY

Sexual functioning morbidity among cancer survivors. Current status and future research directions. Andersen BL. **Cancer** 1985 Apr 15;55(8):1835-42

Sexual problems of sexual assault survivors. Becker JV, et al. **Women Health** 1984 Winter;9(4):5-20

[Psychodynamic approach to sex disorders] Mimoun MS. **Ann Urol (Paris)** 1984 May;18(3):175-9 (Eng. Abstr.) **(Fre)**

SURGERY

Surgical correction of post-operative retrograde ejaculation. Ramadan AE, et al. **Br J Urol** 1985 Aug;57(4):458-61

THERAPY

Sexual counselling with spinal cord injured persons. King NJ, et al. **Aust Fam Physician** 1985 Jan;14(1):47-52

Sexual medicine [editorial] Maurice WL. **Can Med Assoc J** 1985 May 15;132(10):1123-5

Sexual counseling for the nontherapist. Reamy K. **Clin Obstet Gynecol** 1984 Sep;27(3):781-8

Sex therapy and the penile prosthesis: a synthesis. Schover LR, et al. **J Sex Marital Ther** 1985 Spring;11(1):57-66

Sexual dysfunction. A guide to evaluation and intervention. Verhulst JM, et al. **Postgrad Med** 1985 Mar;77(4):295-300, 303

[Psychotherapeutic treatment of psychogenic vaginismus] Agpian S, et al. **Akush Ginekol (Sofiia)** 1984;23(4):349-51 **(Bul)**

SEX EDUCATION

Sexuality education groups in juvenile detention. Farrow JA, et al. **Adolescence** 1984 Winter;19(76):817-26

OCTOPUS--a church-based sex education program for teens and parents. Jacknik M, et al. **Adolescence** 1984 Winter;19(76):757-63

Achieving sex education program outcomes: points of view from students and alumni. Klein D, et al. **Adolescence** 1984 Winter;19(76):805-15

A theory of protection: parents as sex educators. Schuster EA, et al. **ANS** 1985 Apr;7(3):70-7

Systematic assessment and training of sex education for a mentally retarded woman. Shapiro ES, et al. **Appl Res Ment Retard** 1985;6(3):307-17

The relationship between sex education and knowledge in grade eight students. Cull-Wilby BL, et al. **Can J Public Health** 1985 May-Jun;76(3):163-6

Individual and community responsibility for population policy. Last JM. **Can J Public Health** 1985 Mar-Apr; 76(2):81-7 **(Eng, Fre)**

The Adolescent Family Life Act and the promotion of religious doctrine. Donovan P. **Fam Plann Perspect** 1984 Sep-Oct;16(5):222-8

A health belief model approach to adolescents' fertility control: some pilot program findings. Eisen M, et al. **Health Educ Q** 1985 Summer;12(2):185-210

Sexuality education for staff in long-term psychiatric hospitals. Cohen DD, et al. **Hosp Community Psychiatry** 1985 Feb;36(2):187-9

Parent-child communication about sexuality. The physician as a community educator. Aved BM, et al. **J Adolesc Health Care** 1984 Oct;5(4):292-3

Human sexuality instruction: curricula in osteopathic colleges. Johnson SM, et al. **J Am Osteopath Assoc** 1984 Sep;84(1):52-9

Sex education and sexual awareness building for autistic children and youth: some viewpoints and considerations. **J Autism Dev Disord** 1985 Jun;15(2):213-27

Changing homophobic attitudes through college sexuality education. Serdahely WJ, et al. **J Homosex** 1984 Fall; 10(1-2):109-16

Sexuality education for the visually and hearing impaired child in the regular classroom. Baugh RJ. **J Sch Health** 1984 Nov;54(10):407-9

Operationalizing the concept of sexuality comfort: applications for sexuality educators. Graham CA, et al. **J Sch Health** 1984 Dec;54(11):439-42

Parental evaluations of a sex education course for young adolescents. Parcel GS, et al. **J Sch Health** 1985 Jan; 55(1):9-12

Teenage pregnancy [editorial] Thomison JB. **J Tenn Med Assoc** 1984 Nov;77(11):678-9

Menstruation, menstrual protection and menstrual cycle problems. The knowledge, attitudes and practices of young Australian women. Abraham S, et al. **Med J Aust** 1985 Feb 18;142(4):247-51

Stress in school. A physician's call for innovative programs on sexuality. Masland RP Jr. **Postgrad Med** 1985 Jul; 78(1):177-8, 180-2

Sex education laws and policies. Roemer R, et al. **Stud Fam Plann** 1985 Jul-Aug;16(4):219-30

[Clinical sexology in Denmark. Status and ideas toward new sex hygiene politics] Jensen SB, et al. **Ugeskr Laeger** 1984 Aug 27;146(35):2654-60 **(Dan)**

[Prevention of Chlamydia trachomatis infections in women] Henrion R. **Rev Fr Gynecol Obstet** 1984 Oct;79(10):603-7 (Eng. Abstr.) **(Fre)**

[Sex disorders in gynecologic practice: what can be done?] Blaser A. **Gynakol Rundsch** 1985;25(1):1-14 **(Ger)**

[Education of the population with regard to sexual health] Iakobashvili RD., **Sov Zdravookhr** 1984;(8):24-6 (Eng. Abstr.) **(Rus)**

[A pilot clinic on sexual orientation and family life for adolescents] Sumano-Avendaño E, et al. **Bol Med Hosp Infant Mex** 1984 Sep;41(9):485-8 (Eng. Abstr.) **(Spa)**

SEX FACTOR, BACTERIAL see **F FACTOR**

SEX FACTOR F see **F FACTOR**

SEX FACTORS

Effects of age and sex on anorectal manometry. Loening-Baucke V, et al. **Am J Gastroenterol** 1985 Jan; 80(1):50-3

Adjustment of twin data for the effects of age and sex. McGue M, et al. **Behav Genet** 1984 Jul;14(4):325-43

Testing the effect of sex differences on sib-sib correlations. Donner A, et al. **Biometrics** 1984 Jun;40(2):349-56

The role of gender and other factors in the prognosis of young patients with colorectal cancer. Petrek JA, et al. **Cancer** 1985 Aug 15;56(4):952-5

Gender-related differences in the morphology of the lacrimal gland. Cornell-Bell AH, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1170-5

The effect of gender and training of residents on satisfaction ratings by patients. Linn LS, et al. **J Med Educ** 1984 Dec; 59(12):964-6

Ankylosing spondylitis: the case for the underestimated female. Russell ML. **J Rheumatol** 1985 Feb;12(1):4-6

Sex differences in attitudes towards newborn infants among women of Mexican origin. Engle PL, et al. **Med Anthropol** 1984 Spring;8(2):133-44

Sex differentials in survivorship and the customary treatment of infants and children. McKee L. **Med Anthropol** 1984 Spring;8(2):91-108

Changes in the differential treatment of Rajput girls in Khalapur: 1955-1975. Minturn L. **Med Anthropol** 1984 Spring;8(2):127-32

Prenatal genetic diagnosis [letter] Jones RA. **Med J Aust** 1985 Aug 5;143(3):127

Nebraska Symposium on Motivation 1984: Psychology and gender. **Nebr Symp Motiv** 1984;32:1-326

SEX HORMONE BINDING GLOBULIN

Methylation analysis in glycoprotein chemistry: a comparative study of the carbohydrate structures of three hormone-binding glycoproteins from human serum. Avvakumov GV, et al. **Carbohydr Res** 1985 Apr 30; 138(1):91-8

Comparison of rabbit androgen binding protein with testosterone estradiol binding globulin--I. Physical and chemical properties. Cheng SL, et al. **J Steroid Biochem** 1984 Dec;21(6):669-76

Sex hormone-binding globulin--still many questions. Lindstedt G, et al. **Scand J Clin Lab Invest** 1985 Feb; 45(1):1-6

ANALYSIS

Sex hormone binding globulin response to testosterone. An androgen sensitivity test. Belgorosky A, et al. **Acta Endocrinol (Copenh)** 1985 May;109(1):130-8

Effects of a low-dose desogestrel-ethinylestradiol combination on hirsutism, androgens and sex hormone binding globulin in women with a polycystic ovary syndrome. Cullberg G, et al. **Acta Obstet Gynecol Scand** 1985;64(3):195-202

Serum high density lipoprotein subclasses, testosterone and sex-hormone-binding globulin in Trinidadian men of African and Indian descent. Miller GJ, et al. **Atherosclerosis** 1985 Jun;55(3):251-8

A recognition system for sex-hormone-binding protein-estradiol complex in human decidual endometrium plasma membranes. Strel'chyonok OA, et al. **Biochim Biophys Acta** 1984 Dec 20;802(3):459-66

Non-protein bound oestradiol, sex hormone binding globulin, breast cancer and breast cancer risk. Bruning PF, et al. **Br J Cancer** 1985 Apr;51(4):479-84

Serum sex-hormone binding globulin and mortality risk in postmenopausal women [letter] Lundberg PA, et al. **Clin Chem** 1985 Apr;31(4):654-6

Measurement of sex hormone binding globulin [letter] Pidcock NB, et al. **Clin Chem** 1984 Oct;30(10):1719-20

Comparison of DHT-binding and monoclonal immunoradiometric methods for the measurement of sex hormone-binding globulin. Cannell GR, et al. **Clin Chim Acta** 1985 Mar 15;146(2-3):195-201

Serum hormones during prolonged training of neuromuscular performance. Häkkinen K, et al. **Eur J Applied Physiol** 1985;53(4):287-93

Influence of orchidectomy or oestrogen treatment on serum levels of pregnancy associated alpha 2-glycoprotein and sex hormone binding globulin in patients with prostatic cancer. Carlström K, et al. **Int J Androl** 1985 Feb;8(1):21-7

There are two forms of androgen binding protein in human testes. Comparison of their protomeric variants with serum testosterone-estradiol binding globulin. Cheng CY, et al. **J Biol Chem** 1985 May 10;260(9):5631-40

Low levels of sex hormone--binding globulin in obese children. Dunkel L, et al. **J Pediatr** 1985 Jul;107(1):95-7

Estrogen and sex hormone-binding globulin levels in nulliparous and parous women. Bernstein L, et al. **JNCI** 1985 Apr;74(4):741-5

The effect of estrogen treatment on plasma concentrations of steroid hormones, gonadotropins, prolactin and sex hormone-binding globulin in post-menopausal women. Mathur RS, et al. **Maturitas** 1985 Jul;7(2):129-33

Binding capacity of sex-hormone-binding globulin and free testosterone determination in evaluation of hirsute women. Ohsawa M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Mar;37(3):416-20

Radioimmunoassay of human sex hormone binding globulin: improved radioiodination procedure. Fernlund P, et al. **Scand J Clin Lab Invest** 1985 Sep;45(5):461-9

[Evolution of plasma levels of SHBG (sex-hormone binding globulin) during ovulation induction using gonadotrophins] Clair P, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985; 14(1):19-25 (Eng. Abstr.) **(Fre)**

[Mechanism and classification of hormone therapy for human breast cancer studied by changes of SHBG binding capacity] Murayama Y. **Gan No Rinsho** 1984 Dec; 30(15):1879-82 (Eng. Abstr.) **(Jpn)**

[Testosterone, albumin and sex steroid-binding globulin in the blood serum of patients with laryngeal cancer] Kushlinskiĭ NE, et al. **Vopr Onkol** 1985;31(8):36-41 (Eng. Abstr.) **(Rus)**

BLOOD

Serum total and unbound testosterone and sex hormone binding globulin (SHBG) in female acne patients treated with two different oral contraceptives. Palatsi R, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):517-23

Changes in the SHBG concentration during danazol treatment. Gershagen S, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:117-23

Hormone binding globulins and anticonvulsant therapy. Beastall GH, et al. **Scott Med J** 1985 Apr;30(2):101-5

[Androgens and SHBG in women with late-appearing or persistent acne] Peserico A, et al. **G Ital Dermatol Venereol** 1985 Jan-Feb;120(1):17-8 (Eng. Abstr.) **(Ita)**

[Sex hormone binding globulin in stimulated cycles] Breznik R, et al. **Jugosl Ginekol Opstet** 1984 Sep-Dec;24(5-6):84-6 (Eng. Abstr.) **(Scr)**

IMMUNOLOGY

The role of the carbohydrate moiety on the size heterogeneity and immunologic determinants of human testosterone-estradiol-binding globulin. Cheng CY, et al. **J Steroid Biochem** 1985 Jan;22(1):127-34

ISOLATION & PURIFICATION

Subunit structure of sex-steroid-binding plasma proteins from man, cattle, dog, and rabbit. Suzuki Y, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):751-9

METABOLISM

Serum sex hormone-binding globulin during puberty in girls and in different types of adolescent menstrual cycles. Apter D, et al. **Acta Endocrinol (Copenh)** 1984 Nov;107(3):413-9

Decrease in serum sex hormone binding globulin during human chorionic gonadotrophin stimulation in prepubertal boys. Dunkel L. **Acta Endocrinol (Copenh)** 1985 Jul; 109(3):423-7

Plasma sex hormone binding globulin concentration and binding capacity in children before and during puberty. Lee IR, et al. **Acta Endocrinol (Copenh)** 1985 Jun; 109(2):276-80

Studies of the human testis. XIX. Preparation of an antibody to human testosterone-oestradiol-binding globulin and its application to the study of testicular androgen-binding protein. Waheed A, et al. **Acta Endocrinol (Copenh)** 1985 Feb;108(2):284-8

Serum, total/free testosterone and sex hormone binding globulin binding capacity (SHBG) in a non-competitive marathon run. Dessypris A, et al. **Acta Endocrinol [Suppl] (Copenh)** 1984;265:18-9

Effect of dexamethasone treatment on sex steroid-binding protein, corticosteroid-binding globulin, and steroid hormones in cycling rhesus macaques. Stanczyk FZ, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):464-70

Testosterone-estradiol-binding globulin binds to human prostatic cell membranes. Hryb DJ, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):432-40

A routine solid-phase assay for the binding capacity of sex hormone binding globulin. Bruning PF, et al. **Clin Chim Acta** 1985 May 15;148(1):69-76

The interaction between sex hormone binding globulin and levonorgestrel released from vaginal rings in women. Cekan SZ, et al. **Contraception** 1985 Apr;31(4):431-9

Sex steroid-binding protein in a subline of Dunning R 3327 prostatic adenocarcinoma of the rat. Kodama T, et al. **Endocrinol Jpn** 1984 Jun;31(3):301-9

The effect of D- and L-thyroxine on sex hormone-binding globulin in rabbits. Yosha S, et al. **Endocrinology** 1984 Oct; 115(4):1446-50

Effects of desogestrel, levonorgestrel and lynestrenol on serum sex hormone binding globulin, cortisol binding globulin, ceruloplasmin and HDL-cholesterol. Ruokonen A, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jul; 20(1):13-8

Daily variations of plasma sex hormone-binding globulin binding capacity, testosterone and luteinizing hormone concentrations in healthy rested adult males. Clair P, et al. **Horm Res** 1985;21(4):220-3

Changes in sex hormone-binding globulin binding capacity and percent free estradiol during development in the female rhesus monkey (Macaca mulatta): relation to the metabolic clearance rate of estradiol. Hotchkiss J. **J Clin Endocrinol Metab** 1985 Apr;60(4):786-92

Plasma steroid-binding proteins in the cysts of gross cystic disease of the breast. Rosner W, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):200-3

Effect of D-thyroxine on serum sex hormone binding globulin (SHBG), testosterone, and pituitary-thyroid function in euthyroid subjects. Yosha S, et al. **J Endocrinol Invest** 1984 Oct;7(5):489-94

Response of serum testosterone and its precursor steroids, SHBG and CBG to anabolic steroid and testosterone self-administration in man. Ruokonen A, et al. **J Steroid Biochem** 1985 Jul;23(1):33-8

The gonadotropin-suppressive activity of androgen is increased in elderly men. Winters SJ, et al. **Metabolism** 1984 Nov;33(11):1052-9

[Protein binding of steroids] Gandar R. **Rev Fr Gynecol Obstet** 1984 Feb;79(2):79-84, 87-9 (76 ref.) (Eng. Abstr.) **(Fre)**

[Estradiol, luteinizing hormone, testosterone and sex hormone-binding globulin in the clomiphene-induced menstrual cycle] Huber H, et al. **Gynakol Rundsch** 1985; 25(1):23-30 **(Ger)**

[Binding of steroid hormones and plasma proteins and the uptake of steroid hormones] Masugi F, et al. **Nippon Rinsho** 1984 Nov;42(11):2427-32 (11 ref.) **(Jpn)**

[Changes in % free testosterone and sex-hormone binding globulin during danazol administration] Asai M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jun;37(6):1001-6 (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

Studies on the role of the sex-hormone-binding globulin (SHBG) in prostatic gland hypertrophy in men. II. In vitro research. Pachman A. **Int Urol Nephrol** 1984;16(3):211-7

PHYSIOLOGY

Sex hormone-binding globulin--still many questions. Lindstedt G, et al. **Scand J Clin Lab Invest** 1985 Feb; 45(1):1-6

SECRETION

Hormonal influences on the secretion of steroid-binding proteins by a human hepatoma-derived cell line. Rosner W, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):806-8

SEX HORMONES

ADVERSE EFFECTS

Negative correlation between sex hormone usage and malformations. Wiseman RA. **Prog Clin Biol Res** 1985; 163C:171-5

Cervicovaginal abnormalities in BALB/c mice treated neonatally with sex hormones. Bern HA, et al. **Teratology** 1984 Oct;30(2):267-74

ANALYSIS

Effect of seasonal variations on hormone levels of follicular fluid of sheep ovarian follicles. Shailaja K, et al. **Indian J Exp Biol** 1984 Jul;22(7):357-62

Salivary concentrations of steroid hormones in males and in cycling and postmenopausal females with and without periodontitis. Vittek J, et al. **J Periodont Res** 1984 Sep; 19(5):545-55

[Is there a hormonal etiology in prostatic hypertrophy?] Robel P. **Ann Urol (Paris)** 1985;19(3):151-2 **(Fre)**

BIOSYNTHESIS

Steroidogenesis in isolated rat granulosa cells--changes during follicular maturation. Nordenström K, et al. **Acta Endocrinol (Copenh)** 1985 Apr;108(4):550-6

The synthesis and metabolism of gonadal steroids in pouch young of the opossum, Didelphis virginiana. George FW, et al. **Endocrinology** 1985 Mar;116(3):1145-50

Gonadotrophin-induced oocyte maturation in the catfish, Heteropneustes fossilis (Bloch), requires steroidogenesis in both interrenal and ovary. Goswami SV, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):53-63

Temperature regulation of ovarian steroid production in the common carp, Cyprinus carpio L., in vivo and in vitro. Manning NJ, et al. **Gen Comp Endocrinol** 1984 Dec; 56(3):376-88

Human menopausal gonadotropin/human chorionic gonadotropin-induced ovarian hyperstimulation with transient hyperprolactinemia: steroidogenesis enhanced during bromocriptine therapy in monkeys. Collins RL, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):727-33

Granulosa and thecal cells from human ovarian follicles under growth: steroid formation in vitro and responsiveness to human chorionic gonadotropin. Nilsson L, et al. **J Endocrinol Invest** 1984 Aug;7(4):323-6

Testicular steroidogenic response to human chorionic gonadotropin of fifteen male transsexuals on chronic estrogen treatment. Futterweit W, et al. **Metabolism** 1984 Oct;33(10):936-42

BLOOD

Application of rapid and simultaneous measurement of sex steroid hormones to the monitoring of gonadotropin therapy. Hayata K, et al. **Acta Med Okayama** 1985 Jun; 39(3):161-70

Effects of clonidine on polypeptide and steroid hormone levels in man. A review. Carlström K. **Acta Obstet Gynecol Scand [Suppl]** 1985;132:33-4

Some aspects of the endocrinology of the climacterium. Larsson-Cohn U. **Acta Obstet Gynecol Scand [Suppl]** 1985; 132:13-4

Premature thelarche--natural history and sex hormone secretion in 68 girls. Ilicki A, et al. **Acta Paediatr Scand** 1984 Nov;73(6):756-62

Clinical and endocrinological studies in primiparous post partum sows. Effects of lactation length and litter size. Kunavongkrit A. **Acta Vet Scand** 1984;25(2):260-79

Sex hormones and adrenocortical steroids in men acutely intoxicated with ethanol. Välimäki MJ, et al. **Alcohol** 1984 Jan-Feb;1(1):89-93

Effects of elevated female sex steroids on ethanol and acetaldehyde metabolism in humans. Jeavons CM, et al. **Alcoholism (NY)** 1984 Jul-Aug;8(4):352-8

Levels of serum sex hormones and risk factors for coronary heart disease in exercise-trained men. Gutin B, et al. **Am J Med** 1985 Jul;79(1):79-84

The effect of a prostaglandin synthetase inhibitor on the hormonal profile and the endometrium in women. Landgren BM, et al. **Am J Obstet Gynecol** 1985 Feb 1; 151(3):361-8

Pelvic ultrasonography in premenarcheal girls: relation to puberty and sex hormone concentrations. Salardi S, et al. **Arch Dis Child** 1985 Feb;60(2):120-5

Hypophyseal-gonadal system during male aging. Moroz EV, et al. **Arch Gerontol Geriatr** 1985 Apr;4(1):13-9

Plasma follicle-stimulating hormone, luteinizing hormone, and sex hormones in patients with gout. Marinello E, et

al. **Arthritis Rheum** 1985 Feb;28(2):127-31
Simultaneous intra- and extra-uterine pregnancy and hormone milieu after early luteectomy: case report. Nagae M, et al. **Asia Oceania J Obstet Gynaecol** 1984 Dec; 10(4):473-7
Shifts in gonadotropin and steroid levels that precede anestrus in female golden hamsters exposed to a short photoperiod. Jorgenson KL, et al. **Biol Reprod** 1985 Apr; 32(3):611-8
Influence of bromocriptine on plasma prolactin, human placental lactogen, beta-HCG and steroid hormones in early human pregnancy. Tolino A, et al. **Biol Res Pregnancy Perinatol** 1985;6(2):70-2
Hormonal profiles in the follicular phase, luteal phase and first trimester of pregnancies arising from in-vitro fertilization. Yovich JL, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):374-84
Hormonal and metabolic changes induced by flunarizine therapy: preliminary results. Cortelli P, et al. **Cephalalgia** 1985 May;5 Suppl 2:185-6
Premenarcheal endocrine changes in relation to age at menarche. Apter D, et al. **Clin Endocrinol (Oxf)** 1985 Jun; 22(6):753-60
Hormonal changes during the first year of use of subdermal levonoregestrel implants, Norplant. Shaaban MM, et al. **Contraception** 1984 Nov;30(5):391-405
Reversible inhibition of gonadal functions by a potent gonadotropin-releasing hormone agonist in adult dog. Tremblay Y, et al. **Contraception** 1984 Nov;30(5):483-97
Seasonal variations in parameters of milt production and in plasma concentration of sex steroids of male rainbow trout (Salmo gairdneri). Baynes SM, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):150-60
Seasonal reproduction in the mongoose, Herpestes auropunctatus. IV. Organ weight and hormone changes in the female. Hoffmann JC, et al. **Gen Comp Endocrinol** 1984 Aug;55(2):305-14
Plasma sex hormone and lipid patterns in normal and restricted-ovulator chicken hens. Leszczynski DE, et al. **Gen Comp Endocrinol** 1984 Aug;55(2):280-8
Endocrine changes during natural spawning in the white sucker, Catostomus commersoni. II. Steroid hormones. Scott AP, et al. **Gen Comp Endocrinol** 1984 Dec; 56(3):349-59
Changes in plasma steroid and thyroid hormones and insulin during final maturation and spawning of the sea lamprey, Petromyzon marinus. Sower SA, et al. **Gen Comp Endocrinol** 1985 May;58(2):259-69
Progesterone, 17-OH-progesterone, androstenedione and testosterone plasma levels in spermatic venous blood of normal men and varicocele patients. Ando S, et al. **Horm Metab Res** 1985 Feb;17(2):99-103
Sex hormones in women on hemodialysis. Mantouvalos H, et al. **Int J Gynaecol Obstet** 1984 Oct;22(5):367-70
Puberty in the chimpanzee: somatomedin-C and its relationship to somatic growth and steroid hormone concentrations. Copeland KC, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1154-60
Periovulatory hormonal dynamics: relationship of immunoassayable gonadotropins and ovarian steroids to the bioassayable luteinizing hormone surge in rhesus monkeys. Schenken RS, et al. **J Clin Endocrinol Metab** 1985 May; 60(5):886-90
Intersexuality in five pigs, with particular reference to oestrous cycles, the ovotestis, steroid hormone secretion and potential fertility. Hunter RH, et al. **J Endocrinol** 1985 Aug;106(2):233-42
Sex differences in plasma concentrations of steroids during the sensitive period for brain differentiation in the zebra finch. Hutchison JB, et al. **J Endocrinol** 1984 Dec; 103(3):363-9
Dietary protein effects on lipoproteins and on sex and thyroid hormones in blood of rhesus monkeys. Portman OW, et al. **J Nutr** 1985 Apr;115(4):425-35
Pituitary and gonadal secretory variations and control mechanism during physical exercise. Métivier G. **J Sports Med Phys Fitness** 1985 Mar-Jun;25(1-2):18-26
Reproductive biology of paraplegics: results of semen collection, testicular biopsy and serum hormone evaluation. Perkash I, et al. **J Urol** 1985 Aug;134(2):284-8
The effect of estrogen treatment on plasma concentrations of steroid hormones, gonadotropins, prolactin and sex hormone-binding globulin in post-menopausal women. Mathur RS, et al. **Maturitas** 1985 Jul;7(2):129-33
Bone mass and sex steroid concentrations in postmenopausal Caucasian diabetics. Johnston CC Jr, et al. **Metabolism** 1985 Jun;34(6):544-50
Serum lipoproteins and endogenous sex hormones in early life: observations in children with different lipoprotein profiles. Srinivasan SR, et al. **Metabolism** 1985 Sep; 34(9):861-7
Familial factors affecting prostatic cancer risk and plasma sex-steroid levels. Meikle AW, et al. **Prostate** 1985; 6(2):121-8
Effects of sulpiride on levels of FSH, LH and steroid hormones. Ruiz E, et al. **Rev Esp Fisiol** 1984 Jun; 40(2):243-8
[Changes in the reproductive hormone during the normal menstrual cycle in 41 Chinese women] Xiao BL. **Chung Hua I Hsueh Tsa Chih** 1984 Dec;64(12):728-31, 790 (Eng. Abstr.) **(Chi)**
[Platelet monoamine oxidase and sex hormones in a population of depressed patients] Poirier MF, et al. **Encephale** 1985 May-Jun;11(3):125-9 (Eng. Abstr.) **(Fre)**
[Changes in plasma 2-hydroxyestrone levels in pubertal females and correlation with sex hormones] Kawai K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Dec; 36(12):2551-60 (Eng. Abstr.) **(Jpn)**
[Steroid levels and myometrial sensitivity to oxytocin] Ogawa K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1203-12 (Eng. Abstr.) **(Jpn)**
[Blood hormone levels in threatened abortion] Fedorova MV, et al. **Akush Ginekol (Mosk)** 1984 Dec;(12):31-3 (Eng. Abstr.) **(Rus)**
[Morphologic and hormonal correlates of true hermaphroditism in the rabbit] Brindak OI, et al. **Arkh Anat Gistol Embriol** 1984 Oct;87(10):82-6 (Eng. Abstr.) **(Rus)**
[Circadian rhythms of the sex steroids of female Papio hamadryas in long-term hypokinesia] Shekhova AN, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):348-51 (Eng. Abstr.) **(Rus)**
[Steroid sex hormone and cortisol levels in the blood of patients with various forms of ischemic heart disease and vegetative-endocrine myocardiodystrophy] Moiseev VS, et al. **Klin Med (Mosk)** 1985 Feb;63(2):50-3 **(Rus)**
[Comparative characteristics of the sex steroid content in the blood plasma of the big-mouthed buffalo, silver carp and channel catfish during reproduction] Godovich PL, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):70-5 (Eng. Abstr.) **(Rus)**

DEFICIENCY

[Prevention and treatment of hormonal spondylopathy] German DG, et al. **Zh Nevropatol Psikhiatr** 1985; 85(4):487-92 (Eng. Abstr.) **(Rus)**

HISTORY

[Walter Siegried Loewe (1884-1963). His contribution to the analysis, biology and pharmacology of sex hormones] Kattermann R. **J Clin Chem Clin Biochem** 1984 Aug; 22(8):505-14 (Eng. Abstr.) **(Ger)**

METABOLISM

Luteinized unruptured follicle syndrome: hormone assay on peritoneal fluid in a laparoscopic study of infertile women. Melega C, et al. **Acta Eur Fertil** 1984 May-Jun;15(3):195-7
Comparison between the steroidogenic responses after pulsatile and continuous administration of gonadotrophin releasing hormone to superfused rat follicles. Hedin L. **Acta Physiol Scand** 1985 Jun;124(2):269-76
Steroid conversions by the 19-day old foetal rat ovary in organ culture. Weniger JP, et al. **Biol Chem Hoppe Seyler** 1985 Jun;366(6):555-9
Concentrations of steroids and gonadotropins in follicular fluid from normal heifers and heifers primed for superovulation. Fortune JE, et al. **Biol Reprod** 1985 Jun; 32(5):1069-79
Salivary female sex hormone levels and gingivitis in pregnancy. Zaki K, et al. **Biomed Biochim Acta** 1984; 43(6):749-54
Investigation of sex hormones in male epileptic patients. Rodin E, et al. **Epilepsia** 1984 Dec;25(6):690-4
Effects of early tamoxifen treatment on hormonal content of 15-day quail embryo gonads. Scheib D, et al. **Gen Comp Endocrinol** 1984 Dec;56(3):425-32
Changes in the levels of pituitary and steroid hormones in ovine and human ovarian follicular fluid. Shailaja K, et al. **Horm Res** 1985;21(3):175-84
Follicular fluid steroid levels in dysmature and mature follicles from spontaneous and hyperstimulated cycles in normal and anovulatory women. Lobo RA, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):81-7
Patterns and biological significance of steroidal hormone metabolism in birds. Massa R. **J Exp Zool** 1984 Dec; 232(3):531-7 (65 ref.)
Steroid metabolism in corpora lutea of the western spotted skunk (Spilogale putorius latifrons). Ravindra R, et al. **J Reprod Fertil** 1984 Nov;72(2):495-502
Changes in concentrations of prostaglandins and sex steroids around the time of induced ovulation in prepuberal gilts. Yamada Y, et al. **Nippon Juigaku Zasshi** 1984 Oct; 46(5):677-85
Relationship between follicular fluid steroid concentrations and in vitro fertilization. Uehara S, et al. **Obstet Gynecol** 1985 Jul;66(1):19-23
Alterations in follicular fluid steroids and follicular hCG and FSH binding during atresia in hamster. Na JY, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):123-7
[Alcohol and fertility: sex hormones] Kley HK, et al. **Z Hautkr** 1985 Jul 1;60(13):1017-25 (12 ref.) (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Gonadal steroid-induced modification of opiate binding sites in anterior hypothalamus of female rats. Wilkinson M, et al. **Biol Reprod** 1985 Apr;32(3):501-6
Long-term effects of the menopause and sex hormones on skin thickness. Brincat M, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):256-9
In vitro precocious accumulation of calcium and matrix vesicles formation in young cartilage cells: specific effects of corticosteroids. Lewinson D, et al. **Calcif Tissue Int** 1984 Dec;36(6):702-10
Vasopressin release in male and female rats: effects of gonadectomy and treatment with gonadal steroid hormones. Crofton JT, et al. **Endocrinology** 1985 Sep; 117(3):1195-200
Effects of exogenous administration of female sex hormones on gastric secretion and ulcer formation in the rat. Aguwa CN. **Eur J Pharmacol** 1984 Sep 3;104(1-2):79-84
Influence of sex steroids on the catecholamine biosynthesis in chromaffin tissue from rainbow trout, Salmo gairdneri. Jönsson AC, et al. **Gen Comp Endocrinol** 1984 Aug; 55(2):200-7
Influence of administration route and treatment duration on the glucoregulatory effects of sex steroids in female mice. Carrington LJ, et al. **Gen Pharmacol** 1984;15(5):415-7
Effect of castration and steroid treatment on the release of gonadotropins by the rat pituitary-hypothalamus complex in vitro. Gill MK, et al. **Horm Metab Res** 1985 Mar; 17(3):141-6
Sex-dependent organ distribution of radiopharmaceuticals: effect of hormones on localization of acetyl-103Ru-ruthenocene. Shani J, et al. **Int J Nucl Med Biol** 1985;12(1):13-9
The role of neonatal and pubertal gonadal hormones in regulating the sex dependence of the hepatic microsomal testosterone 5-reductase activity in the rat. Pak RC, et al. **J Endocrinol** 1985 Jul;106(1):71-9
Effects of gonadal steroids and adrenergic agonists on avian growth and feed efficiency. Weppelman RM. **J Exp Zool** 1984 Dec;232(3):461-4 (27 ref.)
Rat liver sulfotransferases: effects of gonadal hormones and other factors on enzyme activities. Watanabe HK, et al. **J Pharmacobiodyn** 1984 Sep;7(9):641-7
Human NK cell activity is not inhibited by pregnancy and cord serum factors and female steroid hormones in vitro. Uksila J. **J Reprod Immunol** 1985 Feb;7(2):111-20
Effects of gonadal steroids on catecholamine levels in the brain of the oyster toadfish. Pennypacker KR, et al. **Neurosci Lett** 1985 Apr 9;55(2):203-6
Influence of sexual hormones on solid tumor growth and ATP C+ cell replication. Liotti FS, et al. **Oncology** 1985; 42(5):312-6
Relationships between sexual and aggressive behavior in male and female rats: effects of gonadal hormones. De Jonge FH, et al. **Prog Brain Res** 1984;61:283-302 (98 ref.)
Prenatal gonadal steroidal influences on gender-related behavior. Reinisch JM, et al. **Prog Brain Res** 1984; 61:407-16 (39 ref.)
Sexual differentiation: do males differ from females in behavioral sensitivity to gonadal hormones? Södersten P. **Prog Brain Res** 1984;61:257-70 (45 ref.)
The use of steroid-containing Silastic implants in male nude mice: plasma hormone levels and the effect of implantation on the weights of the ventral prostate and seminal vesicles. van Steenbrugge GJ, et al. **Prostate** 1984;5(6):639-47
Effects of adrenalectomy on gonadal hormone-induced changes in hepatic microsomal carboxylesterase activities in rats. Hosokawa M, et al. **Res Commun Chem Pathol Pharmacol** 1985 Feb;47(2):285-8
Gonadal hormone-induced changes in hepatic microsomal carboxylesterase in rats. Hosokawa M, et al. **Res Commun Chem Pathol Pharmacol** 1984 Nov; 46(2):245-58
Effect of steroidal sex hormones on the sex-related differences in the hepatic activities of gamma-glutamyltranspeptidase, glutathione S-transferase and glutathione peroxidase in rats. Igarashi T, et al. **Res Commun Chem Pathol Pharmacol** 1984 Aug; 45(2):225-32
Calmodulin concentration in the uterus during pregnancy and influence of sex steroids. Yoshida T, et al. **Tohoku J Exp Med** 1985 Apr;145(4):381-5
[Relations between parasitism of the rat by Strongyloides ratti, female sex hormones and blood corticosterone] Bailenger J, et al. **Ann Parasitol Hum Comp** 1984; 59(6):619-33 (Eng. Abstr.) **(Fre)**
[Effect of sex steroids in vivo and in vitro on the binding of uric acid to plasma proteins] Taddeo A, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1709-14 (Eng. Abstr.) **(Ita)**
[Effect of sex hormones on the induction of macrophage-mediated hepatocytotoxicity] Tsutsui H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):1989-94 (Eng. Abstr.) **(Jpn)**
[Effect of sex steroids on the fetus in the perinatal period] Gladkova AI. **Farmakol Toksikol** 1984 Sep-Oct;47(5):121-6 **(Rus)**

PHYSIOLOGY

Regulation of alpha- and beta-adrenergic receptor subclasses by gonadal steroids in human myometrium. Bottari SP, et al. **Acta Physiol Hung** 1985;65(3):335-46
Sexual dimorphisms as an index of hormonal influences on conditioned food aversions. Chambers KC. **Ann NY Acad Sci** 1985;443:110-25
The influence of sex steroids on human nonverbal memory processes. Gabrieli JD, et al. **Ann NY Acad Sci** 1985; 444:457-9
Quantitative observation of megakaryocytes in the spleen and bone marrow of the mouse: effects of sex, sex hormones, pregnancy and lactation. Matsumura G, et al.

Arch Histol Jpn 1984 Aug;47(3):251–8

Multiple actions of steroids and their antagonists. Whalen RE. **Arch Sex Behav** 1984 Oct;13(5):497–502

Sex steroids and the rheumatic diseases. Lahita RG. **Arthritis Rheum** 1985 Feb;28(2):121–6

Further data indicating ovarian hormone independent cells in the human endocervical crypts. Faccioli G. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):39–45

Neurons with whorl bodies have increased numbers of synapses. Naftolin F, et al. **Brain Res** 1985 Mar 11; 329(1–2):289–93

Sex differences of normal dogs in lipid mobilization and blood glucose levels after glucose or insulin infusion. dos-Santos BP, et al. **Braz J Med Biol Res** 1984;17(3–4):335–40

Neurotransmitters involved in mediating the steroid-dependent suppression of pulsatile luteinizing hormone secretion in anestrous ewes: effects of receptor antagonists. Meyer SL, et al. **Endocrinology** 1985 May; 116(5):2054–61

Epilepsy, sex hormones, and antiepileptic drugs. Mattson RH, et al. **Epilepsia** 1985;26 Suppl 1:S40–51 (102 ref.)

Role of sex hormones in sex-dependent differences in phencyclidine-induced stereotyped behaviors in rats. Nabeshima T, et al. **Eur J Pharmacol** 1984 Oct 15; 105(3–4):197–206

Sex-specific concentrations of plasma proteins in rats determined by sex hormones in perinatal life. Schade R, et al. **Exp Clin Endocrinol** 1984 Dec;84(3):257–61

The influence of gonadal steroids on the dopamine inhibitory effect on gonadotropin release in men. Foresta C, et al. **Fertil Steril** 1984 Dec;42(6):942–5

Cervicovaginal peroxidases: sex hormone control and potential clinical uses. Tsibris JC, et al. **Fertil Steril** 1985 Aug;44(2):236–40

The effect of temperature on spontaneous, and ovulation hormone-induced female reproduction in Lymnaea stagnalis. Dogterom GE, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):204–9

Involvement of gonadotrophin and steroid hormones in spermiation in the amago salmon, Oncorhynchus rhodurus, and goldfish, Carassius auratus. Ueda H, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):24–30

Regulation of bile salt sulfotransferase isoenzymes by gonadal hormones. Kane RE 3d, et al. **Hepatology** 1984 Nov–Dec; 4(6):1195–9

Does neonatal gonadectomy affect the sexual differentiation of quail? Adkins-Regan E, et al. **Horm Behav** 1985 Mar; 19(1):71–6

Hormonal influences on natal dispersal in free-living Belding's ground squirrels (Spermophilus beldingi). Holekamp KE, et al. **Horm Behav** 1984 Dec;18(4):465–83

Regulation of urine marking in male and female mice: effects of sex steroids. Kimura T, et al. **Horm Behav** 1985 Mar; 19(1):64–70

Insulinotropic effect of ovarian steroid hormones in streptozotocin diabetic female mice. Puah JA, et al. **Horm Metab Res** 1985 Apr;17(4):216–8

Role of ovarian hormones on hoarding in rats--feedback mechanism. Borker AS, et al. **Indian J Physiol Pharmacol** 1984 Oct–Dec;28(4):253–8

Role of ovarian hormones in hoarding pattern. Borker AS, et al. **Indian J Physiol Pharmacol** 1984 Apr–Jun; 28(2):115–20

Mesenchymal-epithelial interactions in hormone-induced development. Cunha GR, et al. **J Anim Sci** 1982;55 Suppl 2:14–31 (63 ref.)

Naloxone-induced prolactin secretion in women: evidence against a direct prolactin stimulatory effect of endogenous opioids. Cetel NS, et al. **J Clin Endocrinol Metab** 1985 Jan; 60(1):191–6

Pigmentary fluctuation and hormonal changes. Banerjee S. **J Genet Hum** 1984 Dec;32(5):345–9

Effect of orchiectomy and ovariectomy on oxalate production, transport and excretion in rats. Seethlakshmi L, et al. **J Urol** 1984 Dec;132(6):1244–6

The influence of blinding, olfactory bulbectomy and pinealectomy on plasma and anterior pituitary prolactin levels and on uterine and anterior pituitary weights in normal and neonatally androgenized rats. Gala RR, et al. **Life Sci** 1985 Apr 29;36(17):1617–24

Endocrine aspects of aging in the male. Bartsch W, et al. **Maturitas** 1984 Nov;6(3):243–51 (48 ref.)

The effects of endogenous and exogenous sex hormones and of maturation on cGMP phosphodiesterase activity in the brain. Karakiulakis G, et al. **Methods Find Exp Clin Pharmacol** 1984 Aug;6(8):437–43

Sex hormones and susceptibility of the rat to paracoccidioidomycosis. Kerr IB, et al. **Mycopathologia** 1984 Dec 30;88(2–3):149–54

Gender differences: a biosocial perspective. Ehrhardt AA. **Nebr Symp Motiv** 1984;32:37–57 (36 ref.)

Relation of gonadal hormones to differential LH response to naloxone in prepubertal male and female rats. Sylvester PW, et al. **Neuroendocrinology** 1985 Feb;40(2):165–70

The dynamic interaction between steroids and gonadotropins in the mammalian ovulatory cycle. Mahesh VB. **Neurosci Biobehav Rev** 1985 Summer;9(2):245–60 (137 ref.)

Pubertal gonadal hormones in modulating the testosterone dependency of hepatic aryl hydrocarbon hydroxylase in female rats. Pak RC, et al. **Pharmacology** 1984;29(3):121–7

Perseveration of attention to conspecific odors and novel objects in castrated gerbils. Cheal ML, et al. **Physiol Behav** 1984 Oct;33(4):563–70

Male hamster investigatory and copulatory responses to vaginal discharge: relationship to the endocrine status of females. Macrides F, et al. **Physiol Behav** 1984 Oct; 33(4):633–7

Courtship ultrasonic vocalizations in male Swiss-Webster mice: effects of hormones and sexual experience. Nunez AA, et al. **Physiol Behav** 1984 May;32(5):717–21

Social complexity and hormonal influences on sexual behavior in rhesus monkeys (Macaca mulatta). Wallen K, et al. **Physiol Behav** 1984 Apr;32(4):629–37

Hormonal organization of sex differences in play fighting and spatial behavior. Beatty WW. **Prog Brain Res** 1984; 61:315–30 (94 ref.)

Steroid influences on the development and function of a neuromuscular system. Breedlove SM. **Prog Brain Res** 1984;61:147–70 (80 ref.)

Social influences on sex differences in the behavior and endocrine state of talapoin monkeys. Keverne EB, et al. **Prog Brain Res** 1984;61:331–47 (39 ref.)

Psychoendocrine research on sexual orientation. Current status and future options. Meyer-Bahlburg HF. **Prog Brain Res** 1984;61:375–98 (127 ref.)

Hormone-dependent socio-sexual behaviors and neurotransmitters. Meyerson BJ. **Prog Brain Res** 1984; 61:271–81 (47 ref.)

Performance and intelligence in hormonally different groups. Nyborg H. **Prog Brain Res** 1984;61:491–508 (79 ref.)

Reproductive hormones and aggressive behavior. Barfield RJ. **Prog Clin Biol Res** 1984;169:105–34

The intrauterine position phenomenon: effects on physiology, aggressive behavior and population dynamics in house mice. vom Saal FS. **Prog Clin Biol Res** 1984;169:135–79

Interactions between the gonadal steroids and the immune system. Grossman CJ. **Science** 1985 Jan 18; 227(4684):257–61

[Regulation and determinants of sex behavior] Neumann F. **Wien Med Wochenschr [Suppl]** 1985;91:1–15 (68 ref.) (Eng. Abstr.) **(Ger)**

[Reaction of neurons of the basolateral group of nuclei of the amygdaloid complex to gonadectomy in the rat] Kalimullina LB. **Arkh Anat Gistol Embriol** 1985 Mar; 88(3):20–6 (Eng. Abstr.) **(Rus)**

SECRETION

Immunization with zona pellucida proteins results in abnormal ovarian follicular differentiation and inhibition of gonadotropin-induced steroid secretion. Skinner SM, et al. **Endocrinology** 1984 Dec;115(6):2418–32

Periovulatory changes in female sexual behavior and patterns of ovarian steroid secretion in group-living rhesus monkeys. Wallen K, et al. **Horm Behav** 1984 Dec; 18(4):431–50

Common sex hormone abnormalities in women. McKenna TJ. **Ir J Med Sci** 1985 Apr;154(4):131–9

[The effects of dopamine agonist (bromocriptine) on the secretion of pituitary gonadotropins and ovarian sex steroids in normally cycling women] Aisaka K, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Sep 20;60(9):1067–79 (Eng. Abstr.) **(Jpn)**

[Aging and steroid hormones] Kato K, et al. **Nippon Rinsho** 1984 Nov;42(11):2494–502 (44 ref.) **(Jpn)**

THERAPEUTIC USE

Growth and sexual development before and after sex steroid therapy in patients with thalassemia major. Landau H, et al. **Arch Intern Med** 1984 Dec;144(12):2341–6

Sex steroid therapy in children and adolescents. Lee WK. **J Singapore Paediatr Soc** 1985;27(1–2):65–8

Consecutive bestatin-hormone regimen induces redifferentiation of cancer cells in vitro. Okuyama S, et al. **Tohoku J Exp Med** 1984 Aug;143(4):501–2

TOXICITY

The induction of NB rat prostatic carcinomas. Drago JR. **Anticancer Res** 1984 Jul–Oct;4(4–5):255–6

SEX MATURATION

Somatomedin A in male puberty. Variation with age, maturity, growth and androgens. Krabbe S, et al. **Acta Endocrinol (Copenh)** 1984 Nov;107(3):312–6

Sexual maturation of the hypothalamus: pathophysiological aspects and clinical implications. Forest MG. **Acta Neurochir (Wien)** 1985;75(1–4):23–42

Timing of pubertal growth and maturation in the first Zurich longitudinal growth study. Prader A, et al. **Acta Paediatr Hung** 1984;25(1–2):155–9

Sexual development and behavior in black preadolescents. Westney OE, et al. **Adolescence** 1984 Fall;19(75):557–68

Adolescent development in males with Down syndrome. Pueschel SM, et al. **Am J Dis Child** 1985 Mar;139(3):236–8

The adolescent with end-stage renal disease. Fine RN. **Am J Kidney Dis** 1985 Aug;6(2):81–5

Oigarche: the age at first ejaculation. Carlier JG, et al. **Andrologia** 1985 Jan–Feb;17(1):104–6

Maturation of the human testicular response to hCG. Forest MG. **Ann NY Acad Sci** 1984;438:304–28

Functional maturation of rat testis Leydig cells. Huhtaniemi IT, et al. **Ann NY Acad Sci** 1984;438:283–303

Effects of confinement on attainment of puberty in gilts. Prunier A, et al. **Ann Rech Vet** 1984;15(2):159–64 (32 ref.)

Thyroid-testis interrelationship during the development and sexual maturity of the rat. Chowdhury AR, et al. **Arch Androl** 1984;13(2–3):233–9

Quantitative study of testis histology and plasma androgens at onset of spermatogenesis in the prepuberal laboratory-born macaque (Macaca fascicularis). Dang DC, et al. **Arch Androl** 1984;12 Suppl:43–51

LHRH self-priming in the male: effect of multiple priming injections in the immature rat. Nazian SJ. **Arch Androl** 1984; 13(2–3):241–4

Effects of accelerating growth on the onset of puberty in male mice. Jean-Faucher C, et al. **Arch Int Physiol Biochim** 1984 Nov;92(4):283–9

Impact of prolactin on the growth rate pattern and biochemical components of accessory sex organs of male albino rats during puberal transition. Venkatarami Reddy K, et al. **Arch Int Physiol Biochim** 1984 Nov;92(4):273–82

Changes in the lipid content of boar sperm plasma membranes during epididymal maturation. Nikolopoulou M, et al. **Biochim Biophys Acta** 1985 May 28;815(3):486–98

Effect of selective removal of the adrenal medulla on female sexual development. Aguado LI, et al. **Biol Reprod** 1984 Oct;31(3):605–18

Characterization of luteinizing hormone-human chorionic gonadotropin receptor and its relationships to testicular development and steroidogenesis during sexual maturation in boars. Berardinelli JG, et al. **Biol Reprod** 1984 Oct; 31(3):541–7

Estradiol and testosterone metabolic clearance and production rates during puberal development in boars. Christenson RK, et al. **Biol Reprod** 1984 Dec;31(5):905–12

Endocrine mechanisms of puberty in heifers: estradiol negative feedback regulation of luteinizing hormone secretion. Day ML, et al. **Biol Reprod** 1984 Sep; 31(2):332–41

Comparison of granulosa cell proliferation in small follicles of hypophysectomized, prepubertal, and mature rats. Hirshfield AN. **Biol Reprod** 1985 May;32(4):979–87

Growth and reproductive development of male Microtus montanus is affected by the prenatal photoperiod. Horton TH. **Biol Reprod** 1984 Oct;31(3):499–504

Altered negative feedback response to ovariectomy and estrogen in prepubertal restricted-diet rats. Piacsek BE. **Biol Reprod** 1985 Jun;32(5):1062–8

Female reproductive development is not activated by male California voles exposed to family cues. Rissman EF, et al. **Biol Reprod** 1985 Mar;32(2):352–60

Chemical cues from families delay puberty in male California voles. Rissman EF, et al. **Biol Reprod** 1984 Sep;31(2):324–31

Hormonal correlates of photoperiod-induced puberty in a reflex ovulator, the female ferret (Mustela furo). Ryan KD. **Biol Reprod** 1984 Dec;31(5):925–35

Changes in serum levels of 1,25-dihydroxyvitamin D3, calcium and phosphorus with age and vitamin D status in chickens. Sedrani SH. **Br J Nutr** 1984 Sep;52(2):329–34

Parasagittal hypothalamic knife cuts in male chicks: advancement of reproductive function and changes in plasma concentrations of luteinising hormone and androgen. Kuenzel WJ, et al. **Br Poult Sci** 1985 Apr; 26(2):199–205

Plasma concentrations of luteinising hormone, follicle stimulating hormone, androgen, growth hormone, prolactin, thyroxine and triiodothyronine during growth and sexual development in the cockerel. Sterling RJ, et al. **Br Poult Sci** 1984 Jul;25(3):353–9

Measures of growth, development, and sexual maturation in mongolian gerbils (Meriones unguiculatus): effects of photic period during ontogeny. Clark MM, et al. **Dev Psychobiol** 1985 Mar;18(2):191–202

Acceleration of puberty in female mice by a urinary chemosignal from pregnant or lactating females: timing and duration of stimulation. Drickamer LC. **Dev Psychobiol** 1984 Sep;17(5):451–5

Reproductive development in male deer mice exposed to aggressive behavior. Whitsett JM, et al. **Dev Psychobiol** 1985 May;18(3):287–90

Activity of the hypothalamo-pituitary axis and testicular development in prepubertal ram lambs with induced hypothyroidism or hyperthyroidism. Chandrasekhar Y, et al. **Endocrinology** 1985 Oct;117(4):1645–51

Longitudinal study of the surge of gonadotropins induced by exogenous hormones in prepuberal gilts. Fleming MW, et al. **Endocrinology** 1985 May;116(5):1893–8

Effect of restricted nutrition on puberty in the lamb: patterns of tonic luteinizing hormone (LH) secretion and competency of the LH surge system. Foster DL, et al. **Endocrinology** 1985 Jan;116(1):375–81

Perinatal and postnatal patterns of plasma sex steroid-binding protein and testosterone in relation to puberty in the male little brown bat. Gustafson AW, et al. **Endocrinology** 1984 Dec;115(6):2347–54

Stimulation of cyclic adenosine 3',5'-monophosphate production enhances hypothalamic luteinizing hormone-releasing hormone release without increasing prostaglandin E2 synthesis: studies in prepubertal female rats. Ojeda SR, et al. **Endocrinology** 1985 Sep;117(3):1175–8

A rise in tonic luteinizing hormone secretion occurs during photoperiod-stimulated sexual maturation of the female ferret. Ryan KD, et al. **Endocrinology** 1985 May; 116(5):2013–8

Posterior hypothalamic lesions advance the onset of puberty in the female rhesus monkey. Terasawa E, et al. **Endocrinology** 1984 Dec;115(6):2241-50

Developmental changes in the luteinizing hormone secretory pattern in peripubertal female rhesus monkeys: comparisons between gonadally intact and ovariectomized animals. Terasawa E, et al. **Endocrinology** 1984 Dec;115(6):2233-40

The juvenile-peripubertal transition period in the female rat: establishment of a diurnal pattern of pulsatile luteinizing hormone secretion. Urbanski HF, et al. **Endocrinology** 1985 Aug;117(2):644-9

Gonadal status influences developmental patterns of serum prolactin in female rhesus monkeys housed outdoors. Wilson ME, et al. **Endocrinology** 1985 Feb;116(2):640-5

Alternate photoperiods time puberty in the female lamb. Yellon SM, et al. **Endocrinology** 1985 May;116(5):2090-7

The effects of sexual maturation on alpha-adrenoceptors in female rabbits. Mishra N, et al. **Eur J Pharmacol** 1985 Jun 7;112(2):243-7

Dynamics of physiological changes in bovine myofibers during growth and sexual development. Sink JD, et al. **Exp Cell Biol** 1985;53(3):170-9

Pubertal changes in the medio-basal hypothalamic area after neonatal suprachiasmatic nucleus lesions in the rat. Marani E, et al. **Experientia** 1984 Oct 15;40(10):1146-9

Sex differences in adrenocortical structure and function. XVII. Analysis of adrenal growth rate in maturing male and female rats and hamsters. Nikicicz H, et al. **Gegenbaurs Morphol Jahrb** 1984;130(4):573-82

Effect of the presence of females on the pituitary-testicular activity in male Japanese quail (Coturnix coturnix japonica). Delville Y, et al. **Gen Comp Endocrinol** 1984 Aug;55(2):295-305

Photoperiodic requirement for the dissipation of scotorefractoriness in Japanese quail. Sharp PJ, et al. **Gen Comp Endocrinol** 1985 Apr;58(1):169-73

The in vitro metabolism of radioactive progesterone and testosterone by the gonads of the protandrous Rhabdosargus sarba at various sexual phases. Yeung WS, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):171-83

Weight and age at puberty in female and male mice of strains selected for large and small body size. Falconer DS. **Genet Res** 1984 Aug;44(1):47-72

The influence of physical exercise on growth and sexual maturation in young female rats. Erich WB, et al. **Growth** 1985 Spring;49(1):131-40

Strain differences in the concentration, motility and morphology of epididymal sperm in relation to puberty in mice. Albert M, et al. **Int J Androl** 1984 Aug;7(4):334-47

The temporal response of rat testes to hCG stimulation during sexual maturation. Hodgson YM, et al. **Int J Androl** 1984 Jun;7(3):203-14

Testosterone and dihydrotestosterone levels in the epididymis, vas deferens and preputial gland of mice during sexual maturation. Jean-Faucher C, et al. **Int J Androl** 1985 Feb;8(1):44-57

Evaluation of the morphology of sperm in urine of adolescent boys. Weissenberg R, et al. **Int J Androl** 1984 Aug; 7(4):348-51

Spermarche--the age of onset of sperm emission. Hirsch M, et al. **J Adolesc Health Care** 1985 Jan;6(1):35-9

Effect of prepubertal versus postpubertal castration on sexual and aggressive behavior in male horses. Line SW, et al. **J Am Vet Med Assoc** 1985 Feb 1;186(3):249-51

Plasma prolactin, LH, FSH and estrogen excretion patterns in gilts during sexual development. Camous S, et al. **J Anim Sci** 1985 May;60(5):1308-17

Endocrine regulation of reproductive development and function in the male. Desjardins C. **J Anim Sci** 1978;47 Suppl 2:56-79 (216 ref.)

Growth patterns of Angus, Hereford and shorthorn cattle. I. Comparison of inbred and noninbred lines, changes in patterns over time and effects of level of inbreeding and reproductive performance. McCurley JR, et al. **J Anim Sci** 1984 Nov;59(5):1194-204

Growth patterns of Angus, Charolais, Charolais X Angus and Holstein X Angus cows from birth to maturity. Nadarajah K, et al. **J Anim Sci** 1984 Oct;59(4):957-66

The role of nongonadal restraint of gonadotropin secretion in the delay of the onset of puberty in the rhesus monkey (Macaca mulatta). Plant TM, et al. **J Anim Sci** 1982;55 Suppl 2:43-55

Onset of puberty and duration of the breeding season in Suffolk, Rambouillet, Finnish Landrace, Dorset and Finn-Dorset ewe lambs. Quirke JF, et al. **J Anim Sci** 1985 Jun;60(6):1463-71

Cardiovascular disease risk factors related to sexual maturation: the Oslo Youth Study. Tell GS. **J Chronic Dis** 1985;38(8):633-42

Urinary chemosignals from mice (Mus musculus): acceleration and delay of puberty in related and unrelated young females. Drickamer LC. **J Comp Psychol** 1984 Dec; 98(4):414-20

Sexual maturation, social class, and the desire to be thin among adolescent females. Dornbusch SM, et al. **J Dev Behav Pediatr** 1984 Dec;5(6):308-14

Effects of acute administration of 2-hydroxylated metabolites of oestrogens on LH and prolactin secretion in male and female prepubertal rats. Brar AK, et al. **J Endocrinol** 1984 Dec;103(3):317-25

Peripubertal changes in the nature of LH. Buckingham JC, et al. **J Endocrinol** 1985 Feb;104(2):173-7

Monosodium L-glutamate administration: effects on gonadotrophin secretion, gonadotrophs and mammotrophs in prepubertal female rats. Dada MO, et al. **J Endocrinol** 1985 Feb;104(2):185-92

Precocious ovulation induced by human chorionic gonadotrophin in the immature female rat: comparison of follicle growth induced by treatment with human chorionic gonadotrophin and by electrical stimulation of the hypothalamus. Meijs-Roelofs HM, et al. **J Endocrinol** 1985 Jul;106(1):61-6

Age, sex and gonadal influences on oestrogen receptor content in the rat liver. Rochman H, et al. **J Endocrinol** 1985 Jul;106(1):95-102

Influence of lighting cycles on daily rhythms in concentrations of plasma tri-iodothyronine and thyroxine in intact and pinealectomized immature broiler hens (Gallus domesticus). Sharp PJ, et al. **J Endocrinol** 1984 Dec; 103(3):337-45

Social factors and puberty in female rats. Slob AK, et al. **J Endocrinol** 1985 Feb;104(2):309-13

Infantile ovariectomy potentiates the stimulatory effect of oestrogen/progesterone on LH secretion in the rat. Wilkinson M, et al. **J Endocrinol** 1985 Jul;106(1):133-9

Oestradiol and somatomedin-C influence body weight patterns in premenarchial rhesus monkeys housed outdoors. Wilson ME, et al. **J Endocrinol** 1984 Sep;102(3):311-7

Idiopathic precocious puberty in the chimpanzee: a case report. Winterer J, et al. **J Med Primatol** 1984;13(2):73-9

Rigid spine syndrome associated with tent-like configuration of the thoracic cage, cerebral lesion and delayed sexual maturation in three patients. Jušić A. **J Neurol** 1985; 232(1):32-7

Influence of undernutrition during gestation and suckling on development and sexual maturity in the rat. Menendez-Patterson A, et al. **J Nutr** 1985 Aug; 115(8):1025-32

Growth and sexual maturation in thalassemia major. Borgna-Pignatti C, et al. **J Pediatr** 1985 Jan;106(1):150-5

Consequences of complete bile-duct ligation on the pubertal process in the male rat. Van Thiel DH, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):616-21

Metabolic clearance and production rates of oestradiol and progesterone during pubertal and postpubertal development in gilts. Christenson RK, et al. **J Reprod Fertil** 1985 Sep;75(1):247-53

Effect of density, duration of grouping and age of urine stimulus on the puberty delay pheromone in female mice. Coppola DM, et al. **J Reprod Fertil** 1985 Mar;73(2):517-22

Neonatal androgen abolishes clock-timed gonadotrophin release in prepubertal and adult female hamsters. Donham RS, et al. **J Reprod Fertil** 1985 Jan;73(1):215-21

Weight and vaginal opening in the albino rat. Edwards DF, et al. **J Reprod Fertil** 1985 Jan;73(1):1-8

Photoperiodic regulation of reproductive development in male white-footed mice (Peromyscus leucopus) born at different phases of the breeding season. Forger NG, et al. **J Reprod Fertil** 1985 Jan;73(1):271-8

Photoperiodic time measurement is maintained in undernourished lambs with delayed puberty. Foster DL, et al. **J Reprod Fertil** 1985 Sep;75(1):203-8

Internal and external determinants of the timing of puberty in the female. Foster DL, et al. **J Reprod Fertil** 1985 Sep; 75(1):327-44

Effect of conspecifics on sexual maturation in female European pine voles (Pitymys subterraneus). Frankiewicz J, et al. **J Reprod Fertil** 1985 May;74(1):153-6

Pinealectomy delays puberty in ewe lambs. Kennaway DJ, et al. **J Reprod Fertil** 1985 May;74(1):119-25

Release of LHRH in vitro and anterior pituitary responsiveness to LHRH in vivo during sexual maturation in pullets (Gallus domesticus). Knight PG, et al. **J Reprod Fertil** 1985 May;74(1):145-51

Reproductive characteristics of a free-ranging population of Cape mountain zebra (Equus zebra zebra). Penzhorn BL. **J Reprod Fertil** 1985 Jan;73(1):51-7

The functional maturation of the Sertoli cell and Leydig cell in the mammalian testis. Waites GM, et al. **J Reprod Fertil** 1985 Sep;75(1):317-26 (84 ref.)

Advancement of reproductive activity, seasonal reduction in prolactin secretion and seasonal pelage changes in pubertal red deer hinds (Cervus elaphus) subjected to artificially shortened daily photoperiod or daily melatonin treatments. Webster JR, et al. **J Reprod Fertil** 1985 Jan; 73(1):255-60

Influence of melatonin on pubertal development in male deer mice (Peromyscus maniculatus). Whitsett JM, et al. **J Reprod Fertil** 1984 Nov;72(2):287-93

Photosensitive stages in pubertal development of male deer mice (Peromyscus maniculatus). Whitsett JM, et al. **J Reprod Fertil** 1984 Nov;72(2):269-76

Effect of transitional photoperiods on testicular development and puberty in male deer mice (Peromyscus maniculatus). Whitsett JM, et al. **J Reprod Fertil** 1984 Nov;72(2):277-86

Deficiency of 5 alpha-steroid formation in guinea pig ovaries compared with immature rat and hamster ovaries. Nagareda T, et al. **J Steroid Biochem** 1984 Oct;21(4):477-8

5 Alpha- and 5 beta-reductases for 4-ene-3-ketosteroids and 17 beta-ol-dehydrogenase in epididymis and testis of golden hamster during sexual development. Tsuji M, et al. **J Steroid Biochem** 1984 Aug;21(2):179-83

Puberty without gonadotropins. A unique mechanism of sexual development. Wierman ME, et al. **N Engl J Med** 1985 Jan 10;312(2):65-72

Patterns of mortality and age at first reproduction in natural populations of mammals. Harvey PH, et al. **Nature** 1985 May 23-29;315(6017):319-20

A follow-up study of the effects of early malnutrition on subsequent development. I. Physical growth and sexual maturation during adolescence. Galler JR, et al. **Pediatr Res** 1985 Jun;19(6):518-23

Pubertal gonadal hormones in modulating the testosterone dependency of hepatic aryl hydrocarbon hydroxylase in female rats. Pak RC, et al. **Pharmacology** 1984;29(3):121-7

Urinary chemosignals and puberty in female house mice: effects of photoperiod and food deprivation. Drickamer LC. **Physiol Behav** 1984 Dec;33(6):907-11

Sexual play and its functional significance in the domestic sheep (Ovis aries L.). Orgeur P, et al. **Physiol Behav** 1984 Jul;33(1):111-8

Delayed female sexual maturation. How to approach differential diagnosis. Huffman JW. **Postgrad Med** 1985 Aug;78(2):239-42, 245-50, 253-60

Fatty acid compositions of triacylglycerols and phospholipids in hen liver lipid before and after sexual maturity. Fujii M, et al. **Poult Sci** 1985 Jul;64(7):1371-6

Effects of early maturation, layer protein level, and methionine concentration on production performance of brown-egg-type pullets. Kling LJ, et al. **Poult Sci** 1985 Apr;64(4):640-5

Effects of early maturation of brown egg-type pullets, flock uniformity, layer protein level, and cage design on egg production, egg size, and egg quality. Kling LJ, et al. **Poult Sci** 1985 Jun;64(6):1050-9

Feed restriction during the growing period, forced molt, and egg production. Lee K. **Poult Sci** 1984 Sep;63(9):1895-7

Effect of cyclic sound cues on sexual development in nonphotostimulated Japanese quail. Millam JR, et al. **Poult Sci** 1985 Jan;64(1):169-75

Minimum weight for onset of sexual maturity in female chickens: heritability and phenotypic and genetic correlations with early growth rate. Soller M, et al. **Poult Sci** 1984 Nov;63(11):2103-13

Epidermal cellular proliferation and differentiation in sexually mature male Salmo salar with androgen levels depressed by oil. Burton D, et al. **Proc R Soc Lond [Biol]** 1985 Jul 22;225(1238):121-8

Induction of the self-priming effect of luteinizing hormone releasing hormone during the sexual maturation of the male rat. Nazian SJ. **Proc Soc Exp Biol Med** 1985 Jul; 179(3):348-51

Comparative plasma lipid response of pullets and laying hens to estradiol and progesterone. Hagan RC, et al. **Toxicol Appl Pharmacol** 1984 Dec;76(3):483-9

Neurosecretory system of the thoracic ganglion and its relation to testicular maturation of the crab, Potamon koolooense (Rathbun). Joshi PC, et al. **Z Mikrosk Anat Forsch** 1984;98(3):429-42

[Dynamics of plasma testosterone, dehydroepiandrosterone, androstenedione and 17-hydroxyprogesterone after stimulation with hCG and tetracosactide in the male dog during puberty] Mialot JP, et al. **Pathol Biol (Paris)** 1984 Oct;32(8):863-6 **(Fre)**

[Effect of the presence of females on the concentration of androgens in the male guinea pig at puberty] Robert A, et al. **Physiol Behav** 1984 Jul;33(1):69-72 (Eng. Abstr.) **(Fre)**

[Spermatogenesis in the prepuberty Wistar rat during protein-energy malnutrition followed by balanced refeeding] Lac G, et al. **Reprod Nutr Dev** 1984;24(4):487-94 (Eng. Abstr.) **(Fre)**

[Evaluation of body mass with regard to the state of biological development (13 to 18-year-old children)] Brauer BM. **Arztl Jugendkd** 1985 Apr;76(2):77-80 (Eng. Abstr.) **(Ger)**

[Compensatory testicular hypertrophy after unilateral castration. Contribution to the problem of searching for the factor initiating the onset of sex maturation] Zarzycki J. **Endokrynol Pol** 1984;35(6):345-8 **(Pol)**

[Dynamics of growth and maturation of girls in the Upper Silesia Industrial District] Mikusek J. **Rocz Panstw Zakl Hig** 1985;36(1):59-67 (Eng. Abstr.) **(Pol)**

[Structural changes and hemodynamic relations in the microcirculatory bed of the mesentery of the white rat during the period of sexual maturation] Kistanova EK, et al. **Arkh Anat Gistol Embriol** 1984 Nov;87(11):72-8 (Eng. Abstr.) **(Rus)**

[Development of the reactivity of the microcirculatory system of the rat mesentery during sexual maturation] Kistanova EK. **Biull Eksp Biol Med** 1985 Feb;99(2):135-7 (Eng. Abstr.) **(Rus)**

[Age-related characteristics of energy metabolism in girls during sex maturation] Guminskii AA, et al. **Fiziol Cheloveka** 1985 Mar-Apr;11(2):286-92 **(Rus)**

[Cytotoxic action of the interferons produced by the cells of newborn and sexually mature animals] Malinovskaia VV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Mar; (3):78-81 (Eng. Abstr.) **(Rus)**

[Blood testosterone levels in nonpsychotic psychopath-like behavior disorders among adolescents with accelerated or delayed physical development] Aleksandrov AA, et al. **Zh Nevropatol Psikhiatr** 1984;84(10):1526-30 (Eng. Abstr.) **(Rus)**

[Use of the human chorionic gonadotropin test in the differentiation of disorders of sexual development in boys]

, et al. **Srp Arh Celok Lek** 1984 Feb;
(Eng. Abstr.) **(Scc)**
levelopment. Evaluation of sex maturation]
inosa C, et al. **An Esp Pediatr** 1984 Oct;21
)6 **(Spa)**
oidectomy and submaxillary sialoadenectomy
gical parameters in the female rat] Domínguez-López O, et al. **Rev Esp Fisiol** 1985 Jun; 41(2):151-9 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Effects of flutamide or of supplementation with testosterone in prepubertal male rats prenatally treated with busulfan. Viguier-Martinez MC, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):550-7

Growth and sexual development before and after sex steroid therapy in patients with thalassemia major. Landau H, et al. **Arch Intern Med** 1984 Dec;144(12):2341-6

Bromoergocryptine decreases serum prolactin and delays sexual maturation in male golden hamsters. Stroud CM, et al. **Biol Reprod** 1985 Jun;32(5):1191-9

Chronic treatment with [D-Ala6, des Gly-NH2(10)]-LHRH ethylamide reversibly delays puberty in the female rat. Landymore KM, et al. **Can J Physiol Pharmacol** 1984 Jul; 62(7):853-5

Increase of steroid-producing cells in interrenal tissue and masculinization of gonads after long-term treatment of juvenile rainbow trout with cyanoketone. van den Hurk R, et al. **Cell Tissue Res** 1984;237(2):285-9

Gonadotrophin induced development of the 'special zone' in the adrenal cortex of immature female possums (Trichosurus vulpecula) with concomitant activation of steroid reductases. Weiss M. **Comp Biochem Physiol [B]** 1984;79(2):173-9

Daily afternoon administration of melatonin does not irreversibly inhibit sexual maturation in the male rat. Lang U, et al. **Endocrinology** 1984 Dec;115(6):2303-10

Influence of testosterone on precocious sexual development in immature rainbow trout. Magri MH, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):411-21

Sexual development in beef bulls following zeranol implants. Staigmiller RB, et al. **J Anim Sci** 1985 Feb;60(2):342-51

Induction of precocious puberty in the female rat after chronic naloxone administration during the neonatal period: the opiate 'brake' on prepubertal gonadotrophin secretion. Sirinathsinghji DJ, et al. **J Endocrinol** 1985 Feb; 104(2):299-307

Effect of intravaginal implants of melatonin on the onset of ovarian activity in adult and prepubertal ewes. Nowak R, et al. **J Reprod Fertil** 1985 May;74(1):287-93

Studies on the developmental pattern of rat ovarian 3 alpha-hydroxysteroid dehydrogenase: inhibition of the postpubertal activity with medroxyprogesterone acetate in vivo. Jarrell J. **J Steroid Biochem** 1984 Aug;21(2):151-6

Delayed sexual maturation in the female rat during chronic exposure to delta-9-tetrahydrocannabinol. Field E, et al. **Life Sci** 1984 Oct 22;35(17):1725-30

Adverse effects of ethanol upon the adult sexual behavior of male rats exposed in utero. Parker S, et al. **Neurobehav Toxicol Teratol** 1984 Jul-Aug;6(4):289-93

Metkephamid-induced Flehmen in lambs. Donchin Y, et al. **Physiol Behav** 1984 Aug;33(2):335-7

Delay of onset of oviposition in pullets promoted by 6-methoxybenzoxazolinone. Brake JD, et al. **Poult Sci** 1985 Apr;64(4):774-6

Physiological peripubertal activation of the ovary is not reproduced by pregnant mare serum gonadotropin (PMSG) administration. Aguado LI, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):121-5

[Morphokinetic effect of chlormadinone acetate on parts of the brain-hypophysis-gonadal axis of pubertal male rats] Hünigen H. **Z Mikrosk Anat Forsch** 1985;99(2):293-302 (Eng. Abstr.) **(Ger)**

[Significance and mechanism of desensitization to the gonadotropin-inhibiting effect of estrogen. 1. Studies on prepubertal desensitization] Döcke F, et al. **Zentralbl Gynakol** 1984;106(16):1124-36 (Eng. Abstr.) **(Ger)**

[Action of the volatile components of the urine on the generative function of sexually immature male house mice Mus musculus L.] Novikov SN, et al. **Dokl Akad Nauk SSSR** 1985;281(6):1506-8 **(Rus)**

[Environmental pollution and the problems of growth acceleration] Antropov IuA. **Gig Sanit** 1985 Jun;(6):60-2 (24 ref.) **(Rus)**

SEX OFFENSES

see related
PARAPHILIAS

Women, alcohol, and sexuality. Covington SS, et al. **Adv Alcohol Subst Abuse** 1984 Fall;4(1):41-56

Herpetic vulvovaginitis and child abuse [letter] Hibbard RA. **Am J Dis Child** 1985 Jun;139(6):542

Trichomonas vaginalis infestation in sexually abused girls. Jones JG, et al. **Am J Dis Child** 1985 Aug;139(8):846-7

Homosexual panic and murder. Walter R. **Am J Forensic Med Pathol** 1985 Mar;6(1):49-51

Schizophreniform disorder in a mentally retarded adolescent boy following sexual victimization [letter] Martorana GR. **Am J Psychiatry** 1985 Jun;142(6):784

Noninstitutional treatment for sex offenders in Florida. Moore HA, et al. **Am J Psychiatry** 1985 Aug;142(8):964-7

Therapeutic approach to sexual abuse. Furniss T, et al. **Arch Dis Child** 1984 Sep;59(9):865-70

Personality variables and circumstances of sexual assault predictive of a woman's resistance. Burnett RC, et al. **Arch Sex Behav** 1985 Apr;14(2):183-8

Sexual abuse of children. Connon AF. **Aust NZ J Obstet Gynaecol** 1984 May;24(2):139-42

The medical examination of sexually abused children [letter] Bentovim A. **Br Med J [Clin Res]** 1985 May 11; 290(6479):1431

Help for the child who is sexually abused [letter] Bentovim A. **Br Med J [Clin Res]** 1984 Dec 15;289(6459):1693

Help for the child who is sexually abused [editorial] Duddle M. **Br Med J [Clin Res]** 1984 Nov 24;289(6456):1399-400

Family violence: guidelines for recognition and management. Ghent WR, et al. **Can Med Assoc J** 1985 Mar 1; 132(5):541-53

Policy options on child abuse and neglect. Doek JE. **Child Abuse Negl** 1984;8(4):385-6

Is the child victim of sexual abuse telling the truth? Faller KC. **Child Abuse Negl** 1984;8(4):473-81

Incidence of sexual abuse in the United States [letter] Kempe CH. **Child Abuse Negl** 1984;8(3):377

The prevalence of child sexual abuse victimization in an adult sample of Texas residents. Kercher GA, et al. **Child Abuse Negl** 1984;8(4):495-501

Defense mechanisms used by sexually abused children. Adams-Tucker C. **Child Today** 1985 Jan-Feb;14(1):8-12, 34

How widespread is child sexual abuse? Finkelhor D. **Child Today** 1984 Jul-Aug;13(4):18-20 (7 ref.)

When systems fail: protecting the victim of child sexual abuse. Fontana VJ. **Child Today** 1984 Jul-Aug;13(4):14-8 (8 ref.)

Child sexual abuse prevention: does it work? Swan HL, et al. **Child Welfare** 1985 Jul-Aug;64(4):395-405

Sexual harassment [letter] Carey S. **Hosp Community Psychiatry** 1984 Sep;35(9):940

The medical evaluation of sexual abuse in children. De Jong AR. **Hosp Community Psychiatry** 1985 May;36(5):509-12

Severity of emotional distress among sexually abused preschool, school-age, and adolescent children. Gomes-Schwartz B, et al. **Hosp Community Psychiatry** 1985 May;36(5):503-8

Childhood sexual abuse: guidelines for evaluation. Blythe MJ, et al. **Indiana Med** 1985 Jan;78(1):11-8

Child sexual abuse called silent epidemic. Abrams ME. **Iowa Med** 1984 Nov;74(11):475-80

The unmet psychiatric needs of sexually abused youths: referrals from a child protection agency and clinical evaluations. Adams-Tucker C. **J Am Acad Child Psychiatry** 1984 Nov;23(6):659-67

Assessing child abuse in childhood condyloma acuminatum. Schachner L, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):157-60

The seduction theory controversy. Herman J. **J Am Med Wom Assoc** 1984 Sep-Oct;39(5):168-9, 172

MMPI discrimination of defensive and nondefensive felony sex offenders. Lanyon RI, et al. **J Consult Clin Psychol** 1984 Oct;52(5):841-3

Heterosexual social skills in a population of rapists and child molesters. Segal ZV, et al. **J Consult Clin Psychol** 1985 Feb;53(1):55-63

Neuropsychological performance of sexual assaulters and pedophiles. Scott ML, et al. **J Forensic Sci** 1984 Oct; 29(4):1114-8

Sexual criminality and hypnotizability. Bliss EL, et al. **J Nerv Ment Dis** 1985 Sep;173(9):522-6

Goal attainment scaling with hospitalized sexual offenders. Lang RA, et al. **J Nerv Ment Dis** 1985 Sep;173(9):527-37

Advancing the science of victimology [interview] Burgess A. **J Psychosoc Nurs Ment Health Serv** 1985 Jan;23(1):35-8

The use of art therapy with sexually abused children. Kelley SJ. **J Psychosoc Nurs Ment Health Serv** 1984 Dec; 22(12):12-8

Syphilis in the elderly [letter] Luke EA Jr. **JAMA** 1985 Oct 4;254(13):1722-3

Sexual abuse of children [editorial] Adler R. **Med J Aust** 1985 Jun 10;142(12):623

Sexual abuse of children in Tasmania [editorial] Donald TG. **Med J Aust** 1985 Aug 19;143(4):137-8

Sexual abuse of children: issues, views and comments. Grunseit F. **Med J Aust** 1985 Jun 10;142(12):637-9

Patterns of sexual abuse of children. Rickarby GA. **Med J Aust** 1985 Jun 10;142(12):636-7

Sexual assault: the problem and its management. Tipple AL, et al. **Minn Med** 1984 Aug;67(8):433-6

Sexual abuse of children--causes, diagnosis and management. Blumberg ML. **Pediatr Ann** 1984 Oct;13(10):753-8

Eyelash infestation by Phthirus pubis as a manifestation of child abuse [letter] Scott MJ, et al. **Pediatr Dermatol** 1983 Oct;1(2):179

Sexual abuse of children--a review. Cohen L. **S Afr Med J** 1985 May 4;67(18):730-2 (24 ref.)

Pelvic symptoms in children and sexual abuse [letter] Fourie T. **S Afr Med J** 1985 Jul 6;68(1):5-6

Annual rhythms in human violence and sexual aggression in the United States and the role of temperature. Michael RP, et al. **Soc Biol** 1983 Fall;30(3):263-78

[Deviant and non-deviant sex delinquents] Weiss P, et al. **Cas Lek Cesk** 1985 May 17;124(20):622-5 (Eng. Abstr.) **(Cze)**

[Phalloplethysmographic reactions in perpetrators of sexual offenses against adult women] Zvěřina J. **Cas Lek Cesk** 1984 Nov 9;123(45):1381-3 (Eng. Abstr.) **(Cze)**

[Do 'sexually immature' pedophilic delinquents differ from pedophiles?] Lachman M. **Cesk Psychiatr** 1985 Jun; 81(3):198-202 (Eng. Abstr.) **(Cze)**

[Psychopathological findings in sexual aggressors] Zvěřina J, et al. **Cesk Psychiatr** 1984 Oct;80(5):298-302 (Eng. Abstr.) **(Cze)**

[Violence in psychopathics and perverts] Laxenaire M. **Ann Med Psychol (Paris)** 1984 Apr;142(4):566-72 **(Fre)**

[Perverse symptom formation as clues in the diagnostic process] Haag A, et al. **Nervenarzt** 1985 Jul;56(7):373-8 **(Ger)**

[The pedophilic criminal] Heim M, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Feb; 37(2):107-12 (Eng. Abstr.) **(Ger)**

[Sadistic behavior in sex offenders] Ponikiewska W, et al. **Psychiatr Pol** 1984 May-Jun;18(3):289-93 **(Pol)**

[Profile of the present-day sexual offender in relation to indecent acts] Ponikiewska W, et al. **Psychiatr Pol** 1984 Mar-Apr;18(2):137-41 (Eng. Abstr.) **(Pol)**

CLASSIFICATION

[DSM III personality diagnosis in a group of chronic offenders] Berner W, et al. **Wien Klin Wochenschr** 1985 Jun 21;97(13):555-61 (Eng. Abstr.) **(Ger)**

HISTORY

[Selected problems of sexual mores in old Poland. Rape, adultery and other sex offenses] Stapiński A. **Przegl Dermatol** 1985 Jan-Feb;72(1):91-102 (Eng. Abstr.) **(Pol)**

LEGISLATION & JURISPRUDENCE

Malpractice data seem inconsistent [letter] Lewin-Fetter V. **Am J Psychiatry** 1985 Apr;142(4):514

Complications, consent, and cognitions in sex between children and adults. Abel GG, et al. **Int J Law Psychiatry** 1984;7(1):89-103

Some issues in the assessment of sexual deviance. Earls CM. **Int J Law Psychiatry** 1983;6(3-4):431-41

Genital warts and sexual abuse in children. American Academy of Dermatology Task Force on Pediatric Dermatology. **J Am Acad Dermatol** 1984 Sep;11(3):529-30

Psychodiagnostic testing of sex offenders: a comparative study. Bonheur HH. **J Forensic Sci** 1983 Jan;28(1):49-60

Psychiatric evaluations of sexual offenders. Packard WS, et al. **J Forensic Sci** 1985 Jul;30(3):715-20

[Case of the lawsuit as a contribution to reflections on the etiology of sexual deviations] Godlewski J. **Psychiatr Pol** 1984 Sep-Oct;18(5):503-5 **(Pol)**

SEX PRESELECTION see under **GENETIC INTERVENTION**

SEX RATIO

Paternal effects on the human sex ratio at birth: evidence from interracial crosses. Khoury MJ, et al. **Am J Hum Genet** 1984 Sep;36(5):1103-11

Paternal-age and birth-order effect on the human secondary sex ratio. Ruder A. **Am J Hum Genet** 1985 Mar; 37(2):362-72

Multiparity and sex ratio in mice. Ashman RB. **Aust J Exp Biol Med Sci** 1985 Apr;63 (Pt 2):195-6

Raised mortality from lung cancer and high sex ratios of births associated with industrial pollution. Lloyd OL, et al. **Br J Ind Med** 1985 Jul;42(7):475-80

The sex ratio of infants born after hormonal induction of ovulation. James WH. **Br J Obstet Gynaecol** 1985 Mar; 92(3):299-301

An unusual sex ratio of births in an industrial town with mortality problems. Lloyd OL, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):901-7

Effect of separating bull semen into X and Y chromosome-bearing fractions on the sex ratio of resulting embryos. Hagele WC, et al. **Can J Comp Med** 1984 Jul; 48(3):294-8

Sex ratio of offspring of patients with prostatic cancer. Hill GB, et al. **Can Med Assoc J** 1985 Sep 15;133(6):567-71

Sex ratio associated with natural family planning [letter] Perez A, et al. **Fertil Steril** 1985 Jan;43(1):152-3

Sex ratio and clomiphene treatment [letter] Rönnberg L, et al. **Fertil Steril** 1985 Jan;43(1):155

Genetic variation for the sex ratio in Nasonia vitripennis. Parker ED Jr, et al. **Genetics** 1985 May;110(1):93-105

Sex ratio equilibrium under partial sib mating. Taylor PD. **Heredity (Edinburgh)** 1985 Apr;54 (Pt 2):179-85

Male predominance in Indian childhood cirrhosis (ICC) [letter] Sharda B. **Indian J Pediatr** 1984 Nov-Dec; 51(413):755

Artificial insemination with frozen semen. Sex ratio at birth. Alfredsson JH. **Int J Fertil** 1984;29(3):152-5

The sex ratio of Igbo births. Egwuatu VE. **Int J Gynaecol Obstet** 1984 Oct;22(5):399-402

The sex distribution of children in care. Lawson CW, et al. **J Adolesc** 1985 Jun;8(2):167-81

Differences in sex ratios in autism as a function of measured intelligence. Lord C, et al. **J Autism Dev Disord** 1985 Jun;

15(2):185-93

Parental age, parity and sex ratio in births in England and Wales, 1968-77. James WH, et al. **J Biosoc Sci** 1985 Jan; 17(1):47-56

A note on the human sex ratio and factors influencing family size in Japan. Osman MI. **J Hered** 1985 Mar-Apr;76(2):141

Murine antibody induced-sex-ratio changes in Drosophila melanogaster. Pechan P. **J Hered** 1985 May-Jun;76(3):220

On the optimal sex-ratio: a stability analysis based on a characterization for one-locus multiallele viability models. Karlin S, et al. **J Math Biol** 1984;20(1):15-38

H-Y antigen and immunity: a means for controlling the secondary sex ratio? Hings I, et al. **J Reprod Immunol** 1984 Dec;6(6):345-52

Anti-male (anti-H-Y) male treatment influences progeny sex ratio. Pechan P. **J Reprod Immunol** 1985 Jun;7(4):361-4

Sex ratio, dominance status and maternal hormone levels at the time of conception. James WH. **J Theor Biol** 1985 Jun 7;114(3):505-10

A general mathematical model for sex allocation. Taylor PD. **J Theor Biol** 1985 Feb 21;112(4):799-818

Secular changes of the sex-ratio of stillbirths and early deaths in Italy: evidence for postponement of male specific risk. Ulizzi L, et al. **Jinrui Idengaku Zasshi** 1984 Jun; 29(2):139-45

Maternal-fetal histocompatibility and sex ratio [letter] Kilpatrick DC, et al. **Lancet** 1985 Jun 1;1(8440):1270-1

Increased male-to-female sex ratio among HLA-DR compatible pregnancies [letter] Ober C, et al. **Lancet** 1985 Mar 30;1(8431):761

Daughter neglect, women's work, and marriage: Pakistan and Bangladesh compared. Miller BD. **Med Anthropol** 1984 Spring;8(2):109-26

Effect of drought on sex ratio [letter] Rourke K. **Med J Aust** 1985 Apr 29;142(9):531-2

[Reciprocal equilibrium in cleft defects] Cerný M, et al. **Rozhl Chir** 1985 Feb;64(2):127-33 (Eng. Abstr.) **(Cze)**

[Secondary sex ratio in Kać and Kovilj over the past 100 years] Grbić S, et al. **Med Pregl** 1985;38(1-2):23-5 (Eng. Abstr.) **(Scr)**

SEX REVERSAL, GONADAL

Genetic analysis of developmental mechanics in Hydra. XI. Mechanism of sex reversal by heterosexual parabiosis. Sugiyama T, et al. **Dev Biol** 1985 Aug;110(2):413-21

Hyperlipidaemia and premature coronary artery disease associated with sex-change in a female. ffrench-Constant CK, et al. **Postgrad Med J** 1985 Jan;61(711):61-3

[Camptomelic dysplasia. A case with sex reversal] Colli R, et al. **Minerva Pediatr** 1985 Feb 28;37(4):187-92 (Eng. Abstr.) **(Ita)**

SEXUAL ABSTINENCE see under **SEX BEHAVIOR**

SEZARY SYNDROME

BLOOD

Growth, interleukin-2 production, and responsiveness to IL-2 in T4-positive T Lymphocyte populations from malignant cutaneous T cell lymphoma (Sézary's syndrome): the effect of cyclosporin A. Solbach W, et al. **Blood** 1984 Nov;64(5):1022-7

[What is your diagnosis? Sézary cells] Viollier AF, et al. **Schweiz Rundsch Med Prax** 1984 Oct 9;73(41):1227-8 **(Ger)**

COMPLICATIONS

The Sézary syndrome with rapid pulmonary dissemination. Foster GH, et al. **Cancer** 1985 Sep 1;56(5):1197-8

DIAGNOSIS

Circulating Sézary cells. A new preparatory method for their identification and enumeration. Fletcher V, et al. **Arch Pathol Lab Med** 1984 Dec;108(12):954-8

T cell subset heterogeneity in a series of patients with mycosis fungoides and Sézary syndrome. Piepkorn M, et al. **J Am Acad Dermatol** 1984 Sep;11(3):427-32

[T cell subsets and nuclear contour index of skin-infiltrating T cells in mycosis fungoides and Sézary syndrome] Iwahara K. **Nippon Hifuka Gakkai Zasshi** 1984 Nov;94(13):1499-507 **(Jpn)**

DRUG THERAPY

Treatment of therapy-resistant Sézary syndrome with Cyclosporin-A: suppression of pruritus, leukaemic T cell activation markers and tumour mass. Tötterman TH, et al. **Scand J Haematol** 1985 Feb;34(2):196-203

FAMILIAL & GENETIC

Chromosome studies in 17 patients with the Sézary syndrome. Johnson GA, et al. **Cancer** 1985 May 15;55(10):2426-33

Cytogenetic findings in a case of Sézary syndrome. Schmidt M, et al. **Cancer Genet Cytogenet** 1985 Mar 15;16(2):117-21

IMMUNOLOGY

Immunopathology of cutaneous T-cell lymphomas. Nasu K, et al. **Am J Pathol** 1985 Jun;119(3):436-47

Sézary's syndrome: a case with blood T-lymphocytes of helper phenotype, elevated IgE levels and circulating immune complexes. Spinozzi F, et al. **Int Arch Allergy Appl Immunol** 1985;76(3):282-5

Human malignant T cells capable of inducing an immunoglobulin class switch. Mayer L, et al. **J Exp Med** 1985 Jan 1;161(1):134-44

Regulatory activity of neoplastic T cells in Sezary syndrome on in vitro immunoglobulin production. Miedema F, et al. **Leuk Res** 1984;8(5):873-84

PATHOLOGY

Immunohistochemical studies using monoclonal antibodies on lymph nodes from patients with mycosis fungoides and Sézary's syndrome. Willemze R, et al. **Am J Pathol** 1985 Jul;120(1):46-54

Actinic reticuloid simulating Sézary syndrome. Report of two cases. Toonstra J, et al. **Arch Dermatol Res** 1985; 277(3):159-66

Sezary's syndrome: T lymphocyte phenotyping of a skin biopsy using monoclonal antibodies. Hoffman MA, et al. **Clin Lab Haematol** 1984;6(4):383-6

Lymph node histopathology in Sézary syndrome. Buzzanga J, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):880-8

Baccaredda-Sézary syndrome [letter] Rebora A, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):907-8

Sézary syndrome: phenotypic and functional characterization of the neoplastic cells. Ralfkiaer E, et al. **Scand J Haematol** 1985 May;34(5):385-93

Heterogeneity in the phenotypic profile of cerebriform cells from a patient with Sézary syndrome. Fattorossi A, et al. **Tumori** 1984 Dec 31;70(6):507-11

RADIONUCLIDE IMAGING

Imaging of T-cell lymphoma by radiolabelled monoclonal antibody [letter] Bunn PA Jr, et al. **Lancet** 1984 Nov 24; 2(8413):1219-21

THERAPY

Leukapheresis in a patient with Sézary syndrome. Decaro JH, et al. **Vox Sang** 1984;47(4):276-9

SGOT see **ASPARTATE AMINOTRANSFERASE**

SGPT see **ALANINE AMINOTRANSFERASE**

SHAME see under **GUILT**

SHARED PARANOID DISORDER

For better, for worse [editorial] **Lancet** 1985 Aug 10; 2(8450):315

[Induced psychosis--folie à deux. Case report] Petković S, et al. **Vojnosanit Pregl** 1984 May-Jun;41(3):207-9 **(Scr)**

CLASSIFICATION

[Induced psychosis and the viewpoint of the forensic psychiatry expert] Poczkodi S, et al. **Morphol Igazsagugyi Orv Sz** 1985 Jan;25(1):53-7 (Eng. Abstr.) **(Hun)**

FAMILIAL & GENETIC

A relapsing folie à trois. Fernando FP, et al. **Br J Psychiatry** 1985 Mar;146:315-6

PSYCHOLOGY

Folie à deux: psychosis by association or genetic determinism? Lazarus A. **Compr Psychiatry** 1985 Mar-Apr; 26(2):129-35

The social construction of unreality: a case study of a family's attribution of competence to a severely retarded child. Pollner M, et al. **Fam Process** 1985 Jun;24(2):241-57

SHARKS

ANATOMY & HISTOLOGY

The spiracular organ of sharks and skates: anatomical evidence indicating a mechanoreceptive role. Barry MA, et al. **Science** 1984 Nov 23;226(4677):990-2

[New findings on the organization of retinal projections in the Scyliorhinus canicula shark. Radioautographic study] Repérant J, et al. **C R Acad Sci [III]** 1984;299(18):739-44 (Eng. Abstr.) **(Fre)**

[Spinal nerves of the female shark (Mustelus manazo) innervating the cloaca and cloacal opening] Tanaka S, et al. **Kaibogaku Zasshi** 1984 Jun;59(3):177-86 (Eng. Abstr.) **(Jpn)**

[Innervation and ultrastructure of the ampullae of Lorenzini of the lesser spotted dogfish, Scyliorhinus canicula, L.] Lázaro García A, et al. **Trab Inst Cajal Invest Biol** 1982; 73(1-2):79-93 (Eng. Abstr.) **(Spa)**

BLOOD

The primary structure of the hemoglobin of the dogfish shark (Squalus acanthias). Antagonistic effects of ATP and urea on oxygen affinity of an elasmobranch hemoglobin. Aschauer H, et al. **Biol Chem Hoppe Seyler** 1985 Jun; 366(6):589-99

Oxygen binding by the blood and hematological effects of capture stress in two big game-fish: mako shark and striped marlin. Wells RM, et al. **Comp Biochem Physiol [A]** 1985; 81(3):643-6

Calcitonin produces hypercalcemia in leopard sharks. Glowacki J, et al. **Endocrinology** 1985 Feb;116(2):827-9

Plasma levels of glucose, alanine, lactate, and beta-hydroxybutyrate in the unfed spiny dogfish shark (Squalus acanthias) after surgery and following mammalian insulin infusion. deRoos R, et al. **Gen Comp Endocrinol** 1985 Apr;58(1):28-43

EMBRYOLOGY

Permeability of external gill filaments in the embryonic shark. Electron microscopic observations using horseradish peroxidase as a macromolecular tracer. Hamlett WC, et al. **J Submicrosc Cytol** 1985 Jan;17(1):31-40

GENETICS

Immunoglobulin VH gene structure and diversity in Heterodontus, a phylogenetically primitive shark. Litman GW, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2082-6

GROWTH & DEVELOPMENT

Fatty acid and squalene compositions of Mediterranean Centrophorus SPP egg and liver oils in relation to age. Peyronel D, et al. **Lipids** 1984 Sep;19(9):643-8

IMMUNOLOGY

Chemotaxis of nurse shark leukocytes. Obenauf SD, et al. **Dev Comp Immunol** 1985 Spring;9(2):221-30

METABOLISM

Electrophysiological evidence for Cl secretion in shark renal proximal tubules. Beyenbach KW, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):F282-95

Purification and properties of glutamine synthetase from liver of Squalus acanthias. Shankar RA, et al. **Arch Biochem Biophys** 1985 May 15;239(1):248-59

Protein biosynthesis during spiny dogfish (Squalus acanthias) enameloid formation. Graham EE. **Arch Oral Biol** 1984; 29(10):821-5

Chemical nature of collagen in the placoid-scale dentine of the blue shark, Prionace glauca L. Kawaguchi T. **Arch Oral Biol** 1985;30(5):385-90

Neutral lipid components of eleven species of Caribbean sharks. Van Vleet ES, et al. **Comp Biochem Physiol [B]** 1984;79(4):549-54

Cd-, Zn-, Cu-binding protein in the elasmobranch Scyliorhinus canicula. Hidalgo J, et al. **Comp Biochem Physiol [C]** 1985;81(1):159-65

Factors affecting the secretory dynamics of 1 alpha-hydroxycorticosterone in the dogfish, Scyliorhinus canicula. Hazon N, et al. **Gen Comp Endocrinol** 1985 Jul; 59(1):50-5

Ameloblastic secretion and calcification of the enamel layer in shark teeth. Kemp NE. **J Morphol** 1985 May; 184(2):215-30

Mechanism of NaCl secretion in the rectal gland of spiny dogfish (Squalus acanthias). I. Experiments in isolated in vitro perfused rectal gland tubules. Greger R, et al. **Pflugers Arch** 1984 Sep;402(1):63-75

MICROBIOLOGY

Bacteriology of the teeth from a great white shark: potential medical implications for shark bite victims. Buck JD, et al. **J Clin Microbiol** 1984 Nov;20(5):849-51

PHYSIOLOGY

Synthetic surfactants: a new approach to the development of shark repellents. Zlotkin E, et al. **Arch Toxicol** 1984 Nov;56(1):55-8

Effects of relaxin and insulin on reproductive tract size and early fetal loss in Squalus acanthias. Koob TJ, et al. **Biol Reprod** 1984 Sep;31(2):231-8

Changes in heart rate during progressive hyperoxia in the dogfish Scyliorhinus canicula L.: evidence for a venous oxygen receptor. Barrett DJ, et al. **Comp Biochem Physiol [A]** 1984;78(4):697-703

Pardaxin increases solute permeability of gills and rectal gland in the dogfish shark (Squalus acanthias). Primor N, et al. **Comp Biochem Physiol [C]** 1984;78(2):483-90

Stage-dependent changes in steroidogenic enzymes and estrogen receptors during spermatogenesis in the testis of the dogfish, Squalus acanthias. Callard GV, et al. **Endocrinology** 1985 Oct;117(4):1328-35

Pharyngeal cavity and the gills are the target organ for the repellent action of pardaxin in shark. Primor N. **Experientia** 1985 May 15;41(5):693-5

The involvement of melanotrophins in physiological colour change in the dogfish Scyliorhinus canicula. Sumpter JP, et al. **Gen Comp Endocrinol** 1984 Dec;56(3):360-7

Secretory dynamics of 1 alpha-hydroxycorticosterone in the elasmobranch fish, Scyliorhinus canicula. Hazon N, et al. **J Endocrinol** 1984 Nov;103(2):205-11

Lack of renal effects of DOCA, ACTH, spironolactone, and angiotensin II in Squalus acanthias. Churchill PC, et al. **J Exp Zool** 1985 Apr;234(1):17-22

Isolation of enamelinlike proteins from blue shark (Prionace glauca) enameloid. Graham EE. **J Exp Zool** 1985 May;

234(2):185-91

Dopamine hyperpolarizes and reduces the light responses of rod ON-centre bipolar cells in the retina of the dogfish, Scyliorhinus canicula. Shiells RA, et al. **Neurosci Lett** 1985 Apr 19;55(3):331-6

Exclusive nuclear location of estrogen receptors in Squalus testis. Callard GV, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1336-40

Ultrastructure of the pre-implantation shark yolk sac placenta. Hamlett WC, et al. **Tissue Cell** 1984;16(4):613-25

SHARP SYNDROME see **MIXED CONNECTIVE TISSUE DISEASE**

SHEEHAN'S SYNDROME see **HYPOPITUITARISM**

SHEEP

Possible mechanisms of action of caerulein on intestinal motility of sheep. Ormas P, et al. **Ann Rech Vet** 1984; 15(4):557-62

Dieldrin and diazinon resistance in populations of the Australian sheep blowfly, Lucilia cuprina, from sheep-grazing areas and rubbish tips. McKenzie JA. **Aust J Biol Sci** 1984;37(5-6):367-74

A comparison of six methods used for detecting pregnancy in sheep. Watt BR, et al. **Aust Vet J** 1984 Dec;61(12):377-82

Phospholipid fatty acids in brains of normal sheep and sheep with ceroid-lipofuscinosis. Palmer DN, et al. **Biochim Biophys Acta** 1985 Apr 25;834(2):159-63

Sheep slaughtering procedures. III. Head-to-back electrical stunning. Gregory NG, et al. **Br Vet J** 1984 Nov-Dec; 140(6):570-5

Fluosol-DA causes pulmonary hypertension and increased lung lymph flow in unanesthetized sheep. O'Brodovich H, et al. **Clin Invest Med** 1985;8(1):15-21

Postnatal maturation of the islets of Langerhans in sheep. Light microscopic, immunohistochemical, morphometric, and ultrastructural investigations with particular reference to the transient appearance of argyrophil insulin immunoreactive cells. Titlbach M, et al. **Diabetes Res** 1985 Jan;2(1):5-15

Depression of uterine blood flow during total umbilical cord occlusion in sheep. Hasaart TH, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Feb;19(2):125-31

Modulation of spontaneous myometrial activity in chronically instrumented ovariectomized sheep. Verhoeff A, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Feb; 19(2):113-24

Current status of semen preservation in the ram, boar and stallion. Graham EF, et al. **J Anim Sci** 1978;47 Suppl 2:80-119 (212 ref.)

Preliminary results of non-surgical intra-uterine insemination of sheep with thawed frozen semen. Lawrenz R. **J S Afr Vet Assoc** 1985 Jun;56(2):61-3

Gestational changes in prostaglandin production by ovine fetal trophoblast cells. Risbridger GP, et al. **Placenta** 1985 Mar-Apr;6(2):117-25

Differences in behaviour between sheep and cattle during slaughter. Blackmore DK. **Res Vet Sci** 1984 Sep; 37(2):223-6

Presynaptic stimulation of dopaminergic CNS structures in sheep as a mechanism of immobilising action of Immobyl (fentanyl + azaperone). Kania BF. **Res Vet Sci** 1985 Mar; 38(2):179-83

The effect of Citrullus colocynthis on sheep. Elawad AA, et al. **Vet Hum Toxicol** 1984 Dec;26(6):481-5

Electroanaesthesia or electroimmobilisation of calves, sheep and pigs by the Feenix Stockstill. Lambooy E. **Vet Q** 1985 Apr;7(2):120-6

Energy requirements for the penetration of heads of domestic stock and the development of a multiple projectile. Blackmore DK. **Vet Rec** 1985 Jan 12;116(2):36-40

Normal lambs born following transfer of embryos by laparoscopy [letter] McKelvey WA, et al. **Vet Rec** 1984 Sep 1;115(9):230

Collection of embryos from ewes by laparoscopy [letter] McKelvey WA, et al. **Vet Rec** 1984 Aug 18;115(7):158

[Experiences with dairy cows, sheep and deer as an alternative to dairy animal raising] Coenen J. **Tierarztl Prax** 1984;12(1):1-4 **(Ger)**

[Systemogenesis of the group behavior of animals] Kokina NN. **Vestn Akad Med Nauk SSSR** 1985;(2):86-93 (Eng. Abstr.) **(Rus)**

ANATOMY & HISTOLOGY

Anatomy and histology of the cervix uteri of the ewe: new insights. Moré J. **Acta Anat (Basel)** 1984;120(3):156-9

Regression of the corpus luteum of pregnancy following parturition in the ewe. O'Shea JD, et al. **Acta Anat (Basel)** 1985;122(2):69-76

Ultrastructural changes in the oviductal epithelium of Merino ewes during the estrous cycle. Hollis DE, et al. **Am J Anat** 1984 Dec;171(4):441-56

The choledochoduodenal junction in sheep and goat. Abdalla O, et al. **Anat Histol Embryol** 1985 Mar;14(1):6-14

On the histochemistry of the seminiferous tubules and their terminal segments in the ram testis. Osman DI. **Anat Histol Embryol** 1984 Dec;13(4):319-26

Gross and subgross anatomy of bronchial circulation in sheep. Charan NB, et al. **J Appl Physiol** 1984 Sep;57(3):658-64

Measurements of mass, length and valve diameters from normal formalin-fixed ovine hearts. Newsholme SJ, et al. **Onderstepoort J Vet Res** 1984 Jun;51(2):103-6

Effects in sheep of high dietary levels of vitamin D3 as measured by circulating concentrations of some vitamin D metabolites and skeletal examination. Smith BS, et al. **Res Vet Sci** 1985 May;38(3):317-21

Pelvic dimensions, bodyweight and parturition in rare breeds of sheep. Robalo Silva J, et al. **Vet Rec** 1984 Sep 8; 115(10):242-5

A study of the pregnant uterus of the ewe and the goat using real-time ultrasound scanning and electromyography. Scheerboom JE, et al. **Vet Res Commun** 1985 Feb; 9(1):45-56

Ultrastructural study of the entero-endocrine cells of the sheep. Calingasan NY, et al. **Z Mikrosk Anat Forsch** 1984; 98(4):605-20

[Variability of the celiac artery and its branches in sheep] Karmona Kh, et al. **Vet Med Nauki** 1985;22(4):31-7 (Eng. Abstr.) **(Bul)**

[Effects of different floorings on the hooves of sheep. 2. The hoof mass of sheep as a basis for the determination of floor grating size] Rieger E, et al. **Arch Exp Veterinarmed** 1984 Sep;38(5):765-70 (Eng. Abstr.) **(Ger)**

[Effect of movement on synovial pit development] Mehlfeld R, et al. **DTW** 1984 Oct 8;91(10):360-4 (Eng. Abstr.) **(Ger)**

[Comparative anatomy of the skeletal muscles in fallow deer (Dama dama L. 1758), sheep (Ovis aries L. 1758) and goats (Capra hircus L. 1758). 1. The forelimb] Pohlmeyer K. **DTW** 1984 Oct 8;91(10):354-60 (Eng. Abstr.) **(Ger)**

[Biometric parameters of ovaries in the Tsigai strain of sheep and their changes after administration of cloprostenol] Maraček I, et al. **Vet Med (Praha)** 1985 Jan;30(1):11-20 (Eng. Abstr.) **(Slo)**

[Impregno-architectonic study of the medial part of the hypothalamus in sheep] Rajtová V. **Vet Med (Praha)** 1985 Feb;30(2):91-101 (Eng. Abstr.) **(Slo)**

[Morphologic picture of the ependyma of the 3d cerebral ventricle in ewes after hormonal stimulation] Rajtová V, et al. **Vet Med (Praha)** 1985 May;30(5):301-10 (Eng. Abstr.) **(Slo)**

[Impregnoarchitectonic study of neurons in the caudal hypothalamic area in sheep] Rajtová V. **Vet Med (Praha)** 1985 Jun;30(6):337-44 (Eng. Abstr.) **(Slo)**

[Changes in neurosecretory activity in the hypothalamus of sheep after administration of PMSG] Staniková A, et al. **Vet Med (Praha)** 1985 Jan;30(1):45-58 (Eng. Abstr.) **(Slo)**

BLOOD

Evaluation of linkage between the R-O-i and C blood group systems in sheep. Nguyen TC. **Anim Blood Groups Biochem Genet** 1985;16(1):13-7

Haemopexin in sheep, mouflon and goat: genetic polymorphism, heterogeneity and partial characterization. Stratil A, et al. **Anim Blood Groups Biochem Genet** 1984; 15(4):285-97

Changes in the blood and foetal fluid composition at different stages of gestation in ewes. Chiboka O, et al. **Beitr Trop Landwirtsch Veterinarmed** 1985;23(1):65-71

Characterization of normal, glutathione-deficient and arginase-deficient sheep erythrocytes by 1H-NMR spectroscopy. Rabenstein DL, et al. **Biochim Biophys Acta** 1985 Aug 30;846(2):200-7

The effects of arterial glucose infusion above the celiac axis in the neonatal lamb. Cowett RM, et al. **Biol Neonate** 1985; 47(3):179-85

Seasonal, genetic and age variation in non-esterified fatty acid concentrations in the ewe. Wheeler AG. **Comp Biochem Physiol [B]** 1984;79(2):157-60

The influence of multiple liver biopsies on hematologic and serum biochemical values of sheep. Harvey RB, et al. **Cornell Vet** 1984 Oct;74(4):322-30

Plasma vitamin D3 response in cattle and sheep exposed to ultraviolet radiation. Hidiroglou M, et al. **Int J Vitam Nutr Res** 1985;55(1):41-6

Blood selenium levels of sheep in some districts of the Northern Orange Free State: the Bultfontein area. Erasmus JA. **J S Afr Vet Assoc** 1984 Sep;55(3):115-6

Circulatory changes in newborn lambs with experimental polycythemia: comparison between fetal and adult type blood. Fouron JC, et al. **Pediatrics** 1985 Jun;75(6):1054-60

Variations in the plasma levels of gonadotrophin and testosterone and in Leydig and Sertoli cell populations between birth and adulthood in Romanov lambs born in spring or autumn. Lafortune E, et al. **Reprod Nutr Dev** 1984;24(6):937-46

A comparison of the changes in LH, FSH and testosterone in spring-born ram lambs of two different breeds. Lafortune E, et al. **Reprod Nutr Dev** 1984;24(6):947-52

Formation of calcium complexes by borogluconate in vitro and during calcium borogluconate infusion in sheep. Farningham DA. **Res Vet Sci** 1985 Jul;39(1):70-4

Stability and storage characteristics of enzymes in sheep blood. Jones DG. **Res Vet Sci** 1985 May;38(3):307-11

Effect of parenteral vitamin D3 on plasma 25-hydroxyvitamin D3 concentration in sheep. Smith BS, et al. **Res Vet Sci** 1985 Jul;39(1):59-61

Relative contributions of diet and sunshine to the overall vitamin D status of the grazing ewe. Smith BS, et al. **Vet Rec** 1984 Nov 24;115(21):537-8

Transketolase activity in the blood of cattle and sheep in relation to thiamine deficiency. Bogin E, et al. **Zentralbl Veterinarmed [A]** 1985 Feb;32(2):135-9

[Effect of the intravenous infusion of butyrate, isobutyrate and isovalerate on the blood serum levels of glucose, insulin, free fatty acids and total alpha-amino-N in sheep under conditions of adequate feeding and after an 8-day fast] Müller I, et al. **Arch Exp Veterinarmed** 1985 Jan; 39(1):10-24 (Eng. Abstr.) **(Ger)**

[Modification of the level of glucose, insulin, free fatty acids and total alpha-amino-nitrogen in the blood plasma of sheep by intravenous infusion of glucose and fructose solution during full feeding and following a hunger period] Müller I, et al. **Arch Exp Veterinarmed** 1985 Mar; 39(2):268-81 (Eng. Abstr.) **(Ger)**

[Development and standardization of a radioimmunoassay to quantify reverse T3 in human and bovine sera] Ruíz A, et al. **Rev Invest Clin** 1984 Jul-Sep;36(3):213-8 (Eng. Abstr.) **(Spa)**

CYTOLOGY

A stathmokinetic study on the ruminal epithelium of sheep. Ohwada S, et al. **Vet Res Commun** 1984 Aug;8(3):203-9

EMBRYOLOGY

A comparison of sheep and human fetal oxygen delivery systems with use of a mathematical model. Huikeshoven FJ, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):449-55

The distribution of plasma proteins in the neocortex and early allocortex of the developing sheep brain. Reynolds ML, et al. **Anat Embryol (Berl)** 1985;171(1):41-60

CSF-brain permeability in the immature sheep fetus: a CSF-brain barrier. Fossan G, et al. **Brain Res** 1985 Feb; 350(1-2):113-24

The metabolism of palmitic acid in the fetal lamb. Christie WW, et al. **Comp Biochem Physiol [B]** 1985;80(3):617-21

Maternal vocalisations and other sounds in the fetal lamb's sound environment. Vince MA, et al. **Early Hum Dev** 1985 Jul;11(2):179-90

Possible role of cortisol in the stimulation of cortisol-binding capacity in the plasma of fetal sheep. Challis JR, et al. **Endocrinology** 1985 Mar;116(3):1139-44

Safety margin of fetal oxygenation. Meschia G. **J Reprod Med** 1985 Apr;30(4):308-11

The regulation of flow of pulmonary fluid in fetal sheep. Harding R, et al. **Respir Physiol** 1984 Jul;57(1):47-59

The morphogenesis of vasculature elements in the fetal skin of sheep. Fath El-Bab MR, et al. **Z Mikrosk Anat Forsch** 1984;98(5):659-72

[Relations between the accessory nerve and the distal ganglion of the vagus nerve in sheep during the prenatal period] Pospieszny N. **Anat Anz** 1984;157(2):127-35 (Eng. Abstr.) **(Ger)**

GENETICS

Three phenotypes of glucosephosphate isomerase in sheep: improved staining recipe. Manwell C, et al. **Anim Blood Groups Biochem Genet** 1985;16(2):149-55

Sheep twin chimaeras with admixtures of red cell amino acid and potassium transport phenotypes. Tucker EM, et al. **Anim Blood Groups Biochem Genet** 1985;16(2):157-60

Sheep major histocompatibility complex OLA: gene frequencies in two French breeds with scrapie. Evidence for a linkage between OLA and resistance or susceptibility to the disease. Millot P, et al. **Immunogenetics** 1985; 21(2):117-23

A comparison of Dorset and Finnish Landrace crossbred ewes. Cochran KP, et al. **J Anim Sci** 1984 Aug;59(2):329-37

Lifetime (seven years) production of 1/4 and 1/2 Finnish Landrace ewes from Rambouillet, Targhee and Columbia dams under range conditions. Ercanbrack SK, et al. **J Anim Sci** 1985 Jul;61(1):66-77

Selection among males for the genetic improvement of female fertility. Land RB. **J Anim Sci** 1978;47 Suppl 2:48-55 (20 ref.)

Breed group differences in testicular growth patterns in spring-born ram lambs. Notter DR, et al. **J Anim Sci** 1985 Mar;60(3):622-31

The effect of selection in retrospect on lifetime production efficiency in sheep. Saoud NB, et al. **J Anim Sci** 1984 Sep; 59(3):620-9

Genetic, environmental and interaction effects on lifetime production efficiency of crossbred ewes. Saoud NB, et al. **J Anim Sci** 1984 Sep;59(3):594-606

Phenotypic relationships among early life traits and lifetime ewe production efficiency. Saoud NB, et al. **J Anim Sci** 1984 Sep;59(3):607-19

Cytogenetic and blood group studies of sheep/goat chimaeras. Fehilly CB, et al. **J Reprod Fertil** 1985 May; 74(1):215-21

Ovarian activity in Booroola X Romney ewes which have a major gene influencing their ovulation rate. McNatty KP, et al. **J Reprod Fertil** 1985 Jan;73(1):109-20

Disproval of an apparent goat x sheep hybrid. Märki U, et al. **J S Afr Vet Assoc** 1984 Sep;55(3):133-4

Production of transgenic rabbits, sheep and pigs by microinjection. Hammer RE, et al. **Nature** 1985 Jun 20-26; 315(6021):680-3

Selection of Swaledale sheep of reduced susceptibility to experimental scrapie. Davies DC, et al. **Vet Rec** 1985 Feb 23;116(8):211-4

GROWTH & DEVELOPMENT

Effect of defaunating the rumen on growth and carcass composition of lambs. van Nevel CJ, et al. **Arch Tierernahr** 1985 May;35(5):331-7

Appetite and growth of weaner sheep fed oat grain with and without a limestone supplement. Peet RL, et al. **Aust Vet J** 1984 Jun;61(6):195-6

Internal and external determinants of the timing of puberty in the female. Foster DL, et al. **J Reprod Fertil** 1985 Sep;75(1):327-44

Ontogenesis of opiate receptors in regions of the ovine brain. Villiger JW, et al. **Pediatr Pharmacol (New York)** 1982;2(4):349-56

IMMUNOLOGY

Adaption of ELISA for the detection of Campylobacter antibodies and its application in seroepidemiological studies in sheep and cattle herds. Gröhn K, et al. **Acta Vet Scand** 1985;26(1):30-48

Sheep peripheral blood-T-lymphocytes: isolation, separation and surface receptors for Helix pomatia agglutinin and peanut agglutinin from Arachis hypogaea. Mlangwa JE. **Acta Vet Scand** 1984;25(4):536-47

Mitogenic responses of sheep peripheral blood T-lymphocytes to PHA and LPS in a hanging drop microassay. Mlangwa JE. **Acta Vet Scand** 1984;25(4):548-60

Antibody-dependent cell-mediated cytotoxicity in sheep. Mlangwa JE. **Acta Vet Scand** 1985;26(1):105-19

Cross-reactivity of a monoclonal antibody with bovine, equine, ovine, and porcine peripheral blood B lymphocytes. Lewin HA, et al. **Am J Vet Res** 1985 Apr;46(4):785-8

Q fever serologic surveillance program for sheep and goats at a research animal facility. Singh SB, et al. **Am J Vet Res** 1985 Feb;46(2):321-5

Immunologic response of sheep to inactivated and virulent bluetongue virus. Stott JL, et al. **Am J Vet Res** 1985 May;46(5):1043-9

The role of slow-reacting substance of anaphylaxis in the late bronchial response after antigen challenge in allergic sheep. Delehunt JC, et al. **Am Rev Respir Dis** 1984 Nov;130(5):748-54

Sheep histocompatibility antigens: a population level comparison between lymphocyte antigens previously defined in France, England and Scotland, and sheep red cell groups. Cullen PR, et al. **Anim Blood Groups Biochem Genet** 1985;16(1):19-34

Epithelial cell renewal and antibody transfer in the intestine of the foetal and neonatal lamb. Smeaton TC, et al. **Aust J Exp Biol Med Sci** 1985 Feb;63 (Pt 1):41-51

Comparison of immune response stimulated in sheep, rabbits and guinea pigs by the administration of multi-component clostridial vaccines. Webster AC, et al. **Aust Vet J** 1985 Apr;62(4):112-4

Initial characterization of sheep T-cell growth factor and its species-restricted activity on human, rat, and mouse cells. English LS, et al. **Cell Immunol** 1985 Feb;90(2):314-21

Characterization of two sheep lymphocyte differentiation antigens, SBU-T1 and SBU-T6. Mackay CR, et al. **Immunology** 1985 Aug;55(4):729-37

The sheep analogue of leucocyte common antigen (LCA). Maddox JF, et al. **Immunology** 1985 Jun;55(2):347-53

Surface antigens, SBU-T4 and SBU-T8, of sheep T lymphocyte subsets defined by monoclonal antibodies. Maddox JF, et al. **Immunology** 1985 Aug;55(4):739-48

An association between a lymphocyte antigen in sheep and the response to vaccination against the parasite Trichostrongylus colubriformis. Outteridge PM, et al. **Int J Parasitol** 1985 Apr;15(2):121-7

Complement fixing antibodies to Orungo virus in food animals of Northern Nigeria. Ezeifeka GO, et al. **Int J Zoonoses** 1984 Dec;11(2):149-54

Development of cell-mediated immunity in young ruminants. Outteridge PM. **J Dairy Sci** 1985 Jan;68(1):257-60 (16 ref.)

A method of purifying sheep sIg+ lymphocytes as a tool for class II MHC antigen analysis. Chasset P, et al. **J Immunol Methods** 1985 Feb 28;77(1):37-43

Intestinal absorption of maternal leucocytes by newborn lambs. Schnorr KL, et al. **J Reprod Immunol** 1984 Aug;6(5):329-37

Autologous mixed-lymphocyte reaction and the role of sheep red blood cells. Ohno R, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):1025-34

Colostrum-derived antibodies to Cowdria ruminantium in the serum of calves and lambs. Du Plessis JL. **Onderstepoort J Vet Res** 1984 Dec;51(4):275-6

Immune response of mice and sheep to bluetongue virus inactivated by gamma irradiation. Campbell CH, et al. **Prog Clin Biol Res** 1985;178:639-47

Humoral and cellular immune response of sheep to bluetongue virus. Ghalib HW, et al. **Prog Clin Biol Res** 1985;178:489-96

Importance of ovine cytotoxic T cells in protection against bluetongue virus infection. Jeggo MH, et al. **Prog Clin Biol Res** 1985;178:477-87

Bluetongue: a review of the immune response of sheep and cattle to bluetongue virus infection. Jochim MM. **Prog Clin Biol Res** 1985;178:455-60

Protection of lambs against enteric colibacillosis by vaccination of ewes. Pugh CA, et al. **Res Vet Sci** 1985 May;38(3):255-8

Specific antibody-containing cells in the mammary gland of non-lactating sheep after intraperitoneal and intramammary immunisation. Sheldrake RF, et al. **Res Vet Sci** 1985 May;38(3):312-6

The prevalence of Toxoplasma gondii antibodies in man in Plateau State and meat animals in Nigeria. Osiyemi TI, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):21-3

Serological studies with peste des petits ruminants and rinderpest viruses in Nigeria. Obi TU, et al. **Trop Anim Health Prod** 1984 May;16(2):115-8

Microneutralisation systems for use with different strains of peste des petits ruminants virus and rinderpest virus. Rossiter PB, et al. **Trop Anim Health Prod** 1985 May;17(2):75-81

Quantitation of sheep IgG1, IgG2, IgA, IgM and albumin by radioimmunoassay. Cripps AW, et al. **Vet Immunol Immunopathol** 1985 Jan;8(1-2):137-47

Existence of cytotoxic activity against BLV-transformed cells in lymphocytes from normal cattle and sheep. Yamamoto S, et al. **Vet Immunol Immunopathol** 1985 Jan;8(1-2):63-78

The immune reactivity of the regional and distant lymph nodes to autochthonous ovine squamous cell carcinomata. Al-Yaman FM, et al. **Vet Immunol Immunopathol** 1985 Jul;9(3):261-72

Preparation and evaluation of antigens used in serological tests for caprine syncytial retrovirus antibody in sheep and goat sera. Coackley W, et al. **Vet Microbiol** 1984 Oct;9(6):581-6

Reactivity of sera from sheep immunised with individual outer membrane proteins of Bacteroides nodosus against heterologous bacterial strains. Emery DL. **Vet Microbiol** 1984 Sep;9(5):453-66

Survey for antibodies to respiratory viruses in two groups of sheep in Northern Ireland. Adair BM, et al. **Vet Rec** 1984 Oct 20;115(16):403-6

Maedi-visna in Britain [letter] Bouchard N. **Vet Rec** 1985 Jan 5;116(1):26

Vaccination of cows with clostridial antigens and passive transfer of clostridial antibodies from bovine colostrum to lambs. Clarkson MJ, et al. **Vet Rec** 1985 Apr 27;116(17):467-9

On the serology and immunobiology of listeriosis. VIII. Communication: antibody against Listeria monocytogenes in sheep without and after vaccination against listeriosis as measured by means of different serological methods. Kuhlmann-Berger S, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Feb;259(1):51-8

[Reactivity of sheep to the application of plasma membranes from cattle lymph node tumors] Ristau E, et al. **Arch Exp Veterinarmed** 1985 Jan;39(1):58-62 (Eng. Abstr.) **(Ger)**

METABOLISM

Solubility of copper and zinc containing proteins before and after 2-mercaptoethanol treatment of liver samples from normal and from chronically copper poisoned sheep. Hussein KS, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Sep;55(3):247-51

Effect of feeding raw soybean flour on the digestion of the adult sheep. Baintner K, et al. **Acta Vet Hung** 1984;32(3-4):205-12

Effects of varying hematocrit on intestinal oxygen uptake in neonatal lambs. Holzman IR, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):G432-6

Single intravenous and multiple intramuscular dose pharmacokinetics and tissue residue profile of gentamicin in sheep. Brown SA, et al. **Am J Vet Res** 1985 Jan;46(1):69-74

Comparative pharmacokinetics of febantel and its metabolites in sheep and cattle. Delatour P, et al. **Am J Vet Res** 1985 Jun;46(6):1399-402

Pharmacokinetics of digoxin in sheep: limitations of the use of biological half-life for interspecies extrapolation. Dix LP, et al. **Am J Vet Res** 1985 Feb;46(2):470-2

Effects of deficient and adequate dietary magnesium concentrations on body magnesium concentrations in wethers. Fisher DD, et al. **Am J Vet Res** 1985 Aug;46(8):1777-80

Adenosine triphosphatase activity in the carotid rete-cavernous sinus complex of sheep and goats. Khamas WA, et al. **Am J Vet Res** 1985 Jan;46(1):215-7

Toxicologic studies with lambs fed sugar beets grown on municipal sludge-amended soil: lowered relative hemoglobin in red blood cells and mutagens in blood and excreta. Telford JN, et al. **Am J Vet Res** 1984 Dec;45(12):2490-4

Metabolism of protein supplements studied by the rumen simulation technique (Rusitec). Czerkawski JW, et al. **Arch Tierernahr** 1985 Apr;35(4):261-77

The influence of urea diet supplemented with protected protein on metabolism and wool growth in sheep. Motyl T, et al. **Arch Tierernahr** 1984 Sep;34(9):623-30

Effect of monensin on fermentation pattern and soybean protein degradation in the rumen of sheep. Vanhaecke H, et al. **Arch Tierernahr** 1985 Apr;35(4):279-86

The respiration and energy metabolism of sheep lymphocytes. Cheung K, et al. **Aust J Exp Biol Med Sci** 1984 Dec;62 (Pt 6):671-85

The measurement of the oxygen tension of lymph in conscious sheep. Cheung K, et al. **Aust J Exp Biol Med Sci** 1984 Dec;62 (Pt 6):661-70

The iodine status of grazing sheep as monitored by concentrations of iodine in milk. Azuolas JK, et al. **Aust Vet J** 1984 Jul;61(7):223-7

Examination of the susceptibility of different breeds of sheep to zinc intoxication. Ellis TM, et al. **Aust Vet J** 1984 Sep;61(9):296-8

Oxidised copper wire as a copper supplement for sheep: a study of some variables which may alter copper availability. Judson GJ, et al. **Aust Vet J** 1984 Sep;61(9):294-5

Experiments with limestone supplemented cereal grain fed sheep. Peet RL, et al. **Aust Vet J** 1985 Apr;62(4):138-9

1,25 dihydroxyvitamin D3 increases plasma magnesium and calcium in sheep fed liquid diets low in calcium and magnesium. Schneider KM, et al. **Aust Vet J** 1985 Mar;62(3):82-5

Growth hormone-releasing factor from ovine and caprine hypothalamus: isolation, sequence analysis and total synthesis. Brazeau P, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):606-14

Relaxin concentrations in endometrial, placental, and ovarian tissues and in sera from ewes during middle and late pregnancy. Renegar RH, et al. **Biol Reprod** 1985 May;32(4):840-7

The irreversible loss of alanine and of glycine in fetal and sucking lambs. Hatfield GM, et al. **Br J Nutr** 1984 Nov;52(3):529-43

Some aspects of the use of the growth promoter zeranol in ewe lambs retained for breeding. III. Effect on plasma LH levels. Cooper RA. **Br Vet J** 1985 Jul-Aug;141(4):424-6

Heavy metals in lamb liver: contribution from atmospheric fallout. Frøslie A, et al. **Bull Environ Contam Toxicol** 1985 Feb;34(2):175-82

The effects of duodenal glucose and dextrin infusion on adipose tissue metabolism in sheep. Pearce J, et al. **Comp Biochem Physiol [B]** 1984;78(3):565-7

The lipid composition of ovine placental tissue homogenate and its subcellular fractions. Shand JH, et al. **Comp Biochem Physiol [B]** 1984;79(2):291-5

Partial purification and characterization of somatomedin from sheep serum. Hossner KL, et al. **Endocrinology** 1985 Apr;116(4):1351-6

Effect of acute maternal starvation on tyrosine metabolism and protein synthesis in fetal sheep. Krishnamurti CR, et al. **Growth** 1984 Winter;48(4):391-403

Effect of maternal starvation on fetal tissue nucleic acid, plasma amino acid and growth hormone concentration in sheep. Schaefer AL, et al. **Growth** 1984 Winter;48(4):404-14

Iodine-129 in ovine thyroids from England. Van Middlesworth L. **Health Phys** 1984 Sep;47(3):488-90

The effects of physiological state and plane of nutrition on the concentrations of microsomal cytochromes and the omega-oxidation of fatty acids in various tissues of the sheep (Ovis aries). Hare WR, et al. **Int J Biochem** 1985;17(4):455-62

Magnitude of ouabain-sensitive respiration of lamb hepatocytes (Ovis aries). McBride BW, et al. **Int J Biochem** 1985;17(1):43-9

Effect of lipid-coated lysine on digestion and nitrogen metabolism by wethers. Glenn BP, et al. **Int J Vitam Nutr Res** 1984;54(4):377-86

Influence of aluminum as sulfate, chloride and citrate on magnesium and calcium metabolism in sheep. Allen VG, et al. **J Anim Sci** 1984 Sep;59(3):798-804

Influence of dietary aluminum on nutrient utilization in ruminants. Allen VG. **J Anim Sci** 1984 Sep;59(3):836-44 (62 ref.)

Thiamin and niacin in the rumen. Brent BE, et al. **J Anim Sci** 1984 Sep;59(3):813-22 (52 ref.)

Rumen fermentation characteristics, nitrogen balance and growth in lambs fed methane digester effluent. Goedeken FK, et al. **J Anim Sci** 1985 Jun;60(6):1472-8

Effects of monensin on monovalent ion metabolism and tissue concentrations in lambs. Kirk DJ, et al. **J Anim Sci** 1985 Jun;60(6):1479-84

Effects of monensin on Mg, Ca, P and Zn metabolism and tissue concentrations in lambs. Kirk DJ, et al. **J Anim Sci** 1985 Jun;60(6):1485-90

Effect of salinomycin level on nutrient digestibility and ruminal characteristics of sheep and feedlot performance of cattle. Merchen NR, et al. **J Anim Sci** 1985 May;60(5):1338-46

Effects of dietary potassium and sodium on magnesium utilization in sheep. Poe JH, et al. **J Anim Sci** 1985 Feb;60(2):578-82

Effects of long-term consumption of sewage solids on blood, milk and tissue elemental composition of breeding ewes. Sanson DW, et al. **J Anim Sci** 1984 Aug;59(2):416-24

Effect of calcium phosphates and zinc in salt-mineral mixtures on ad libitum salt-mix intake and on zinc and selenium status of sheep. Sword JT Jr, et al. **J Anim Sci** 1984 Dec;59(6):1594-600

Hexestrol residues and metabolites in the tissues of wethers injected with hexestrol dicaprylate or hexestrol. Tobioka H, et al. **J Anim Sci** 1985 Feb;60(2):511-8

Lung protein leaks in ventilated lambs: effects of gestational age. Jobe A, et al. **J Appl Physiol** 1985 Apr;58(4):1246-51

Mammary uptake of amino acids and glucose throughout lactation in Friesland sheep. Fleet IR, et al. **J Dairy Res** 1985 May;52(2):229-37

Relationship between magnesium intake and fecal magnesium excretion of ruminants. Shockey WL, et al. **J Dairy Sci**

1984 Nov;67(11):2594-8

Digestion and absorption of lipids and bile acids in sheep fed stearic acid, oleic acid, or tristearin. Sklan D, et al. **J Dairy Sci** 1985 Jul;68(7):1667-75

Movement and absorption of major minerals and water in ovine gastrointestinal tract. Sklan D, et al. **J Dairy Sci** 1985 Jul;68(7):1659-66

Digestion and absorption of protein along ovine gastrointestinal tract. Sklan D, et al. **J Dairy Sci** 1985 Jul;68(7):1676-81

Properties and ontogeny of the glucocorticoid receptor in the placenta and fetal lung of the sheep. Flint AP, et al. **J Endocrinol** 1984 Oct;103(1):31-42

Differential immunocytochemical staining for fetuin and transferrin in the developing cortical plate. Møllgård K, et al. **J Neurocytol** 1984 Aug;13(4):497-502

The transport of sugars across the perfused choroid plexus of the sheep. Deane R, et al. **J Physiol (Lond)** 1985 May;362:245-60

Differential patterns in luteal prolactin and LH receptors during pregnancy in sows and ewes. Jammes H, et al. **J Reprod Fertil** 1985 Jan;73(1):27-35

Neurochemical changes in the brain and spinal cord of sheep: a basis for the immobilizing action of etorphine. Kania BF. **J S Afr Vet Assoc** 1985 Jun;56(2):89-92

Methylene blue: effects and disposition in sheep. Burrows GE. **J Vet Pharmacol Ther** 1984 Sep;7(3):225-31

Effect of probenecid on the pharmacokinetics of cefotaxime in sheep. Guerrini VH, et al. **J Vet Pharmacol Ther** 1985 Mar;8(1):38-46

Pharmacokinetics of probenecid in sheep. Guerrini VH, et al. **J Vet Pharmacol Ther** 1985 Jun;8(2):128-35

Pharmacokinetics of cefaronide, ceftriaxone and cefoperazone in sheep. Guerrini VH, et al. **J Vet Pharmacol Ther** 1985 Jun;8(2):120-7

Pharmacokinetics of cefotaxime and probenecid in sheep with normal and reduced renal function. Guerrini VH, et al. **J Vet Pharmacol Ther** 1984 Dec;7(4):283-91

Pharmacokinetics of ivermectin in sheep following intravenous, intra-abomasal or intraruminal administration. Prichard RK, et al. **J Vet Pharmacol Ther** 1985 Mar;8(1):88-94

Renal metabolism in fetal and newborn sheep. Iwamoto HS, et al. **Pediatr Res** 1985 Jul;19(7):641-4

Distribution of 5'-nucleotidase in the tissues of sheep and the effect of kidney and liver lesions on the activity of the enzyme in plasma and urine. Ford EJ, et al. **Res Vet Sci** 1985 Jul;39(1):103-9

Effects of secretagogues on membrane potential and input resistance of pancreatic acinar cells of sheep. Katoh K, et al. **Res Vet Sci** 1985 Mar;38(2):250-1

Effect of oestrogen and progesterone on sodium, potassium and water balance in sheep. Michell AR, et al. **Res Vet Sci** 1985 Jan;38(1):46-53

Immunoreactive gastrin concentrations in gastrointestinal tissues of sheep. Reynolds GW, et al. **Res Vet Sci** 1984 Sep;37(2):172-4

Effect of lactation on the metabolism of sheep adipose tissue. Smith RW, et al. **Res Vet Sci** 1984 Nov;37(3):320-3

Absorption of 3-nitropropanol and 3-nitropropionic acid from the digestive system of sheep. Pass MA, et al. **Toxicol Lett** 1984 Oct;23(1):1-7

Methods of copper supplementation [letter] Allen WM, et al. **Vet Rec** 1985 Apr 27;116(17):479-80

Effects of three benzimidazole anthelmintics on the ruminal fermentation ability of sheep. Jara W, et al. **Vet Rec** 1984 Dec 1;115(22):565-6

Sodium in health and disease: a comparative review with emphasis on herbivores. Michell AR. **Vet Rec** 1985 Jun 22;116(25):653-7

Effects of monensin on polyamine formation in rumen liquid of small ruminants. Eliassen KA, et al. **Zentralbl Veterinarmed** [A] 1985 May;32(5):356-67

A study of bile secretion in conscious sheep. Mostaghni K. **Zentralbl Veterinarmed** [A] 1985 Jan;32(1):75-9

[5'-nucleotidase activity in the organs of cattle, sheep and swine] Goranov Kh. **Vet Med Nauki** 1984;21(10):37-41 (Eng. Abstr.) **(Bul)**

[Modified method for the rapid determination of the magnesium requirement of cows and sheep] Goranov Kh. **Vet Med Nauki** 1985;22(3):43-7 (Eng. Abstr.) **(Bul)**

[Effect of prolonged concentrate feeding on the digestibility and utilization of feed in weaned lambs] Simov P. **Vet Med Nauki** 1985;22(5):75-84 (Eng. Abstr.) **(Bul)**

[The effect of prolonged whole-body gamma irradiation of 6,7 Gy and 4,8 Gy (700 and 500 R) on the trypsin inhibiting activity (TIA) of blood, the cervical mucus and the morphological structure of the cervix in ewes] Molnárová M, et al. **Vet Med (Praha)** 1984 Sep;29(9):549-62 (Eng. Abstr.) **(Cze)**

[Changes in proacrosin levels during preservation of ram semen] Srámek C, et al. **Vet Med (Praha)** 1985 Apr;30(4):231-7 (Eng. Abstr.) **(Cze)**

[Studies on rumen fermentation with special reference to the volatile fatty acid production rate in ewes during reproduction. 2. Production rate of volatile fatty acids and rumen volume] Schindler K, et al. **Arch Tierernahr** 1985 May;35(5):351-9 (Eng. Abstr.) **(Ger)**

[Levels of catecholamines in the hypothalamus, hypophysis and in the adrenal in sheep after whole-body exposure to gamma rays] Pástorová B, et al. **Vet Med (Praha)** 1985 Aug;30(8):485-92 (Eng. Abstr.) **(Slo)**

MICROBIOLOGY

Increased mosquito feeding on Rift Valley fever virus-infected lambs. Turell MJ, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1232-8

Serologic classification of two ovine adenovirus isolates from the central United States. Adair BM, et al. **Am J Vet Res** 1985 Apr;46(4):945-6

Comparison of minimal inhibitory concentration and disk-diffusion antimicrobic sensitivity testing of bacterial pathogens isolated from food animals. Libal MC. **Am J Vet Res** 1985 May;46(5):1200-5

Identification of species and biotypes of the brucella genus in apparently healthy and aborted ewes and goats in Egypt. Abdel-Ghani M, et al. **Int J Zoonoses** 1984 Dec;11(2):139-44

Ampicillin inactivation in the caecum of axenic, gnotoxenic and conventional lambs: interaction with resistant or sensitive Escherichia coli. Coste M, et al. **J Gen Microbiol** 1984 Jun;130 (Pt 6):1325-30

Lentiviruses are naturally resident in a latent form in long-term ovine fibroblast cultures. Barban V, et al. **J Virol** 1984 Nov;52(2):680-2

Enterococci in lambs. Liao YS. **Prog Clin Biol Res** 1985;181:221-3

Clinical and antigenic relationship between isolates of sheep and goat pox viruses. Kitching RP, et al. **Trop Anim Health Prod** 1985 May;17(2):64-74

Attempted venereal transmission of Chlamydia psittaci in sheep. Appleyard WT, et al. **Vet Rec** 1985 May 18;116(20):535-8

Experimental inoculation of an ovine ureaplasma strain into the respiratory tract of lambs. Ball HJ, et al. **Vet Rec** 1984 Dec 15;115(24):626

Selective medium for isolation of Haemophilus somnus from cattle and sheep. Slee KJ, et al. **Vet Rec** 1985 Feb 23;116(8):215-7

Isolation of visna-maedi virus from the choroid plexus of an apparently healthy sheep in Italy. Caporale VP, et al. **Vet Res Commun** 1985 Apr;9(2):115-22

[Separation of colicins from E. coli strains isolated from lambs] Mokhamed T, et al. **Vet Med Nauki** 1985;22(3):23-5 (Eng. Abstr.) **(Bul)**

[Comparative studies of protein A from staphylococci isolated from sheep] Vitkov M. **Vet Med Nauki** 1984;21(9):52-6 (Eng. Abstr.) **(Bul)**

[The significance of sheep in the epidemiology of Q fever in Slovakia] Baloghová D, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 May;34(3):184-8 (Eng. Abstr.) **(Slo)**

[Adherence of bacteria to epithelial cells of the rumen wall] Kmet' V, et al. **Vet Med (Praha)** 1984 Aug;29(8):473-7 (Eng. Abstr.) **(Slo)**

PARASITOLOGY

Studies on the dynamics of active populations of the sheep tick, Ixodes ricinus L. in Co. Wicklow, Ireland. Gray JS. **Acarologia** 1984 Jul;25(2):167-78

A serological survey of the prevalence of Toxoplasma gondii in goats and sheep in southern Tanzania. Connor RJ, et al. **Ann Trop Med Parasitol** 1985 Feb;79(1):111-2

Stocking rate effects on the worm burdens of Angora goats and Merino sheep. Le Jambre LF. **Aust Vet J** 1984 Sep;61(9):280-2

The eradication of Damalinia ovis by spraying insecticide onto the tip of the wool. Wilkinson FC. **Aust Vet J** 1985 Jan;62(1):18-20

Correlations between numbers of enteric nematode parasites in grazing lambs. Barger IA. **Int J Parasitol** 1984 Dec;14(6):587-9

Morphological characterisation of Australian strains of Echinococcus granulosus. Kumaratilake LM, et al. **Int J Parasitol** 1984 Oct;14(5):467-77

Manifestations of resistance to ovine ostertagiasis associated with immunological responses in the gastric lymph. Smith WD, et al. **J Comp Pathol** 1984 Oct;94(4):591-601

The distribution of the infective larvae of sheep gastro-intestinal nematodes in soil and on herbage and the vertical migration of Trichostrongylus vitrinus larvae through the soil. Rose JH, et al. **J Helminthol** 1985 Jun;59(2):127-35

The relation of climate and topography to worm egg counts of gastro-intestinal nematodes of sheep in the Eastern Cape. McCulloch B, et al. **Onderstepoort J Vet Res** 1984 Dec;51(4):223-38

Pathogenicity of the coccidium Eimeria crandallis in laboratory lambs. Catchpole J, et al. **Parasitology** 1985 Aug;91 (Pt 1):45-52

Comparison of two techniques used for the recovery of nematode infective larvae from pasture. Gettinby G, et al. **Res Vet Sci** 1985 Jul;39(1):99-102

Tick survey on goats and sheep in Kenya. Mwangi EN, et al. **Trop Anim Health Prod** 1985 May;17(2):102-6

Culicoides imicola: a bluetongue virus vector in Spain and Portugal. Mellor PS, et al. **Vet Rec** 1985 Jun 1;116(22):589-90

The ecological age of the sheep ked, Melophagus ovinus (L.) (Diptera: Hippoboscidae). Piotrowski F. **Wiad Parazytol** 1984;30(4):493-8

PHYSIOLOGY

Heart rate and PO2 in the fetal lamb. Towell ME, et al. **Adv Exp Med Biol** 1984;180:489-98

Ovine placental vascular response to the local application of prostacyclin. Landauer M, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):460-4

Increase in cervical extensibility during labor induced after isolation of the cervix from the uterus in pregnant ewes. Ledger WL, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):397-402

Effect of maternal intravenous infusions on fetal extracellular fluid composition in pregnant ewes. Golden SM, et al. **Am J Perinatol** 1985 Jul;2(3):189-93

A simple method for reducing cardiac output in the conscious lamb. Fahey JT, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):H188-92

Role of alpha-receptors in estrogen-induced vasodilation in nonpregnant sheep. Naden RP, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):H339-44

Neonatal adaptation: greater sympathoadrenal response in preterm than full-term fetal sheep at birth. Padbury JF, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):E443-9

Amniotic fluid volume and fetal swallowing rate in sheep. Tomoda S, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R133-8

Phenolsulfonphthalein test in healthy sheep and in sheep with reductions in functional renal mass. Filippich LJ, et al. **Am J Vet Res** 1985 Mar;46(3):733-8

Relative oxytocic properties of fenprostalene compared with cloprostenol, prostaglandin F2 alpha, and oxytocin in the ovariectomized ewe. Garcia-Villar R, et al. **Am J Vet Res** 1985 Apr;46(4):841-4

Measurement of portal and hepatic blood flows using a modified method for surgical placement of catheters in the major splanchnic vessels of sheep. Naylor JM, et al. **Am J Vet Res** 1985 Jan;46(1):202-8

Effects of whole blood clots, time, and implant size on vascularization and collagen deposition along Teflon-ensheathed carbon fibers implanted in ewes. Stein LE, et al. **Am J Vet Res** 1984 Dec;45(12):2640-4

Growth gradients in the skeleton of cattle, sheep and pigs. Davies AS, et al. **Anat Histol Embryol** 1984 Sep;13(3):222-30

Effects of continuous long-term intravenous infusion of long-chain fatty acids on feeding behaviour and blood components of adult sheep. Vandermeerschen-Doizé F, et al. **Appetite** 1984 Jun;5(2):137-46

Reproductive biology of the Booroola Merino sheep. Bindon BM. **Aust J Biol Sci** 1984;37(3):163-89 (94 ref.)

Dose rate, time of injection and litter size effects on dexamethasone-induced parturition in Border Leicester x Merino ewes. Edey TN, et al. **Aust Vet J** 1985 Mar;62(3):104-5

Laparoscopic technique for the transfer of embryos in sheep. Walker SK, et al. **Aust Vet J** 1985 Mar;62(3):105-6

Effect of monensin on the performance of grazing Boran Zebu bulls and Ogaden sheep during the dry season in Ethiopia. Flachowsky G, et al. **Beitr Trop Landwirtsch Veterinarmed** 1984;22(4):415-9

Refractoriness to inductive day lengths terminates the breeding season of the Suffolk ewe. Robinson JE, et al. **Biol Reprod** 1984 Nov;31(4):656-63

Importance of duration of nocturnal melatonin secretion in determining the reproductive response to inductive photoperiod in the ewe. Yellon SM, et al. **Biol Reprod** 1985 Apr;32(3):523-9

Effect of halothane on spinal somatosensory evoked potentials in sheep. Baines DB, et al. **Br J Anaesth** 1985 Sep;57(9):896-9

Sheep slaughtering procedures. IV. Responsiveness of the brain following electrical stunning. Gregory NG, et al. **Br Vet J** 1985 Jan-Feb;141(1):74-81

The mating of Libyan fat-tailed ewe lambs. Madani MO, et al. **Br Vet J** 1985 Jul-Aug;141(4):401-8

The effect of light environment on post-partum reproductive activity and prolactin levels in two breeds of sheep. Pijoan PJ, et al. **Br Vet J** 1985 May-Jun;141(3):272-81

The reproductive activity of autumn and spring-lambing ewes given bromocriptine during lactation. Pijoan PJ, et al. **Br Vet J** 1985 May-Jun;141(3):282-7

Effects of shearing on the reproductive activity and plasma prolactin levels of Dorset ewes. Pijoan PJ, et al. **Br Vet J** 1984 Sep-Oct;140(5):444-9

Reproductive activity of poll Dorset ewes following shearing in January. Williams HL. **Br Vet J** 1984 Sep-Oct;140(5):517-8

Cerebrospinal fluid sodium concentration and salt appetite. Weisinger RS, et al. **Brain Res** 1985 Feb 4;326(1):95-105

Seasonal changes in the secretion of gonadotropic hormones and in the endocrine response of the pituitary of male sheep in the absence of gonadal influence. Sanford LM, et al. **Can J Physiol Pharmacol** 1984 Jul;62(7):834-9

Seasonal changes in the endocrine responsiveness of the pituitary and tests of male sheep in relation to their patterns of gonadotropic hormone and testosterone secretion. Sanford LM, et al. **Can J Physiol Pharmacol** 1984 Jul;62(7):827-33

Spinal cord autoregulation in the sheep. Lobosky JM, et al. **Curr Surg** 1984 Jul-Aug;41(4):264-7

Luteinizing hormone beta-subunit mRNA amounts increase during the preovulatory surge of luteinizing hormone in the ewe: the highest levels are observed at the completion of the peak. Landefeld T, et al. **DNA** 1985 Jun;4(3):249-54

Serum melatonin profiles and endocrine responses of ewes exposed to a pulse of light late in the dark phase. Earl

CR, et al. **Endocrinology** 1985 Jul;117(1):226–30

Importance of short luteal phases in the endocrine mechanism controlling initiation of estrous cycles in anestrous ewes. Legan SJ, et al. **Endocrinology** 1985 Oct;117(4):1530–6

Alternate photoperiods time puberty in the female lamb. Yellon SM, et al. **Endocrinology** 1985 May;116(5):2090–7

Practice tip: fostering of lambs. Baker I. **In Pract** 1985 Mar; :61

Control of the breeding season in sheep and goats. Henderson D. **In Pract** 1985 Jul;7(4):118–23

Determination of fetal numbers in sheep by real time ultrasonic scanning. White IR, et al. **In Pract** 1984 Nov; 6(6):200–2

Effect of ethyl alcohol infusions on glucose and hormone status in ovine pregnancy. Cook PS, et al. **Int J Gynaecol Obstet** 1984 Jun;22(3):237–42

Effect on the ewe and lamb of low zinc intake throughout pregnancy. Apgar J, et al. **J Anim Sci** 1985 Jun;60(6):1530–8

Effects of high dietary manganese as manganese oxide or manganese carbonate in sheep. Black JR, et al. **J Anim Sci** 1985 Mar;60(3):861–6

Environmental influences on the postpartum animal. Christenson RK. **J Anim Sci** 1980;51 Suppl 2:53–67 (154 ref.)

Control of feed intake in sheep. Della-Fera MA, et al. **J Anim Sci** 1984 Nov;59(5):1362–8 (31 ref.)

Nutrition and the postpartum interval of the ewe, sow and cow. Dunn TG, et al. **J Anim Sci** 1980;51 Suppl 2:29–39 (62 ref.)

Relationship between LH and testicular development in progesterone-implanted prepubertal ram lambs. Echternkamp SE, et al. **J Anim Sci** 1984 Aug;59(2):441–53

Effect of lactation upon the postpartum interval. Edgerton LA. **J Anim Sci** 1980;51 Suppl 2:40–52 (111 ref.)

The effect of passive immunization against somatostatin on marker retention time in lambs. Fadlalla AM, et al. **J Anim Sci** 1985 Jul;61(1):234–9

Increased ovulation rate of adult ewes treated with anti-bovine LH antiserum during the normal breeding season. Fitzgerald JA, et al. **J Anim Sci** 1985 Mar; 60(3):749–54

The effect of castration, estradiol and LHRH on LH secretion of lambs fed different levels of dietary energy. Fitzgerald JA. **J Anim Sci** 1984 Aug;59(2):460–9

Factors influencing the quantity and quality of semen harvested from bulls, rams, boars and stallions. Foote RH. **J Anim Sci** 1978;47 Suppl 2:1–11 (96 ref.)

Control of uterine and ovarian blood flow throughout the estrous cycle and pregnancy of ewes, sows and cows. Ford SP. **J Anim Sci** 1982;55 Suppl 2:32–42 (79 ref.)

Effects of double decking and space allowance on the performance and behavior of feeder lambs. Gonyou HW, et al. **J Anim Sci** 1985 May;60(5):1110–6

Reproductive performance of Finnish Landrace and Suffolk sheep maintained indoors year-round. Hackett AJ, et al. **J Anim Sci** 1985 Feb;60(2):334–41

Fertility of ewe lambs maintained indoors year-round on an accelerated breeding program. Hackett AJ, et al. **J Anim Sci** 1984 Nov;59(5):1129–34

Effect of prostaglandin F2 alpha, phenylephrine and ergonovine on uterine contractions in the ewe. Hawk HW, et al. **J Anim Sci** 1985 Feb;60(2):537–43

Improvement by ergonovine of sperm transport, fertilization and pregnancy rates in ewes in natural or prostaglandin-induced estrus. Hawk HW, et al. **J Anim Sci** 1984 Sep;59(3):754–63

Lifespan of corpora lutea induced in estrous-synchronized cycling and anestrous ewes. Killian DB, et al. **J Anim Sci** 1985 Jul;61(1):210–5

Uterine involution: its role in regulating postpartum intervals. Kiracofe GH. **J Anim Sci** 1980;51 Suppl 2:16–28 (142 ref.)

Effects of number of lambs suckled and supplemental protein source on lactating ewe performance. Loerch SC, et al. **J Anim Sci** 1985 Jan;60(1):6–13

Effects of a single injection of LHRH on the response of anestrous ewes to the introduction of rams. Lopez-Sebastian A, et al. **J Anim Sci** 1984 Aug; 59(2):277–83

Fostering lambs by odor transfer: the substitution experiment. Price EO, et al. **J Anim Sci** 1984 Aug;59(2):301–7

Onset of puberty and duration of the breeding season in Suffolk, Rambouillet, Finnish Landrace, Dorset and Finn-Dorset ewe lambs. Quirke JF, et al. **J Anim Sci** 1985 Jun;60(6):1463–71

Effects of dietary sewage solids on feedlot performance, carcass characteristics, serum constituents and tissue elements of growing lambs. Sanson DW, et al. **J Anim Sci** 1984 Aug;59(2):425–31

Hormonal interrelationships between hypothalamus, pituitary and testis of rams and bulls. Schanbacher BD. **J Anim Sci** 1982;55 Suppl 2:56–67 (56 ref.)

Maintenance of the corpus luteum of early pregnancy in the ewe. III. Differences between pregnant and nonpregnant ewes in luteal responsiveness to prostaglandin F2 alpha. Silvia WJ, et al. **J Anim Sci** 1984 Sep;59(3):746–53

The influence of photoperiod on body weight gain, body composition, nutrient intake and hormone secretion. Tucker HA, et al. **J Anim Sci** 1984 Dec;59(6):1610–20 (51 ref.)

Postpartum endocrine function of cattle, sheep and swine. Wettemann RP. **J Anim Sci** 1980;51 Suppl 2:2–15 (154 ref.)

A comparison of hip joint forces in sheep, dog and man. Bergmann G, et al. **J Biomech** 1984;17(12):907–21

Lactogenic hormones: binding sites, mammary growth, secretory cell differentiation, and milk biosynthesis in ruminants. Akers RM. **J Dairy Sci** 1985 Feb;68(2):501–19 (158 ref.)

Effect of quantity and route of administration of manganese monoxide on feed intake and serum manganese in ruminants. Black JR, et al. **J Dairy Sci** 1985 Feb;68(2):433–6

Growth and biochemical changes in mammary glands of ewes from 1 to 18 months of age. Hassan A, et al. **J Dairy Sci** 1985 Jul;68(7):1647–51

Effects of copper sulfate supplement on growth, tissue concentration, and ruminal solubilities of molybdenum and copper in sheep fed low and high molybdenum diets. Ivan M. et al. **J Dairy Sci** 1985 Apr;68(4):891–6

Activity of the genital tract and plasma levels of oxytocin and cortisol at the time of mating in the ewe. Garcia-Villar R, et al. **J Endocrinol** 1985 Jun;105(3):323–9

Central effects of photoperiod on reproduction in the ram revealed by the use of a testosterone clamp. Lincoln GA. **J Endocrinol** 1984 Nov;103(2):233–41

Flow through the foramen ovale of the fetal and new-born lamb. Anderson DF, et al. **J Physiol (Lond)** 1985 Aug; 365:29–40

Pancreatic neuroendocrine responses to butyrate in conscious sheep. Bloom SR, et al. **J Physiol (Lond)** 1985 Jul;364:281–8

The mechanism of the increase of tonic tension produced by caffeine in sheep cardiac Purkinje fibres. Eisner DA, et al. **J Physiol (Lond)** 1985 Jul;364:313–26

Effects of stimulation and diphenylhydantoin on the intracellular sodium activity in Purkinje fibres of sheep heart. Ellis D. **J Physiol (Lond)** 1985 May;362:331–48

Initiation of migrating myoelectric complex in sheep by duodenal acidification and hyperosmolarity: role of vagus nerves. Gregory PC, et al. **J Physiol (Lond)** 1984 Oct; 355:509–21

Central stimulation of breathing movements in fetal lambs by prostaglandin synthetase inhibitors. Koos BJ. **J Physiol (Lond)** 1985 May;362:455–66

Measurement of net transplacental transfer of fluid to the fetal sheep. Lumbers ER, et al. **J Physiol (Lond)** 1985 Jul; 364:289–99

Some properties of the circular myometrium of the sheep throughout pregnancy and during labour. Parkington HC. **J Physiol (Lond)** 1985 Feb;359:1–15

Ovarian follicular populations and preovulatory enlargement in Booroola and control Merino ewes. Driancourt MA, et al. **J Reprod Fertil** 1985 Jan;73(1):93–107

Pinealectomy delays puberty in ewe lambs. Kennaway DJ, et al. **J Reprod Fertil** 1985 May;74(1):119–25

Ovarian follicular growth during the oestrous cycle in two breeds of ewes of different ovulation rate, the D'Man and the Timahdite. Lahlou-Kassi A, et al. **J Reprod Fertil** 1984 Nov;72(2):301–10

Changes in calmodulin level and cAMP-dependent protein kinase activity during epididymal maturation of ram spermatozoa. Pariset CC, et al. **J Reprod Fertil** 1985 May; 74(1):105–12

Toxicologic studies with male sheep grazing on municipal sludge-amended soil. Hogue DE, et al. **J Toxicol Environ Health** 1984;14(2–3):153–61

Preliminary pharmacological characterization of ovine mesenteric vasculature. Mirbahar KB, et al. **J Vet Pharmacol Ther** 1984 Sep;7(3):177–81

Effects of elevated-hematocrit levels on pulmonary circulation in conscious sheep. Sakai A, et al. **Jpn J Physiol** 1984;34(5):871–82

Pineal melatonin mediates photoperiodic control of pulsatile luteinizing hormone secretion in the ewe. Bittman EL, et al. **Neuroendocrinology** 1985 May;40(5):409–18

Effect of hypoglycemic stress on plasma and cerebrospinal fluid immunoreactive beta-endorphin in conscious sheep. Owens PC, et al. **Neurosci Lett** 1984 Aug 24;49(1–2):1–6

The enigma of copper sulfate in animal nutrition. **Nutr Rev** 1984 Aug;42(8):296–7 (17 ref.)

Autoregulation of cerebral blood flow in the preterm fetal lamb. Papile LA, et al. **Pediatr Res** 1985 Feb;19(2):159–61

The effect of maternal water deprivation on ovine fetal blood volume. Bell RJ, et al. **Q J Exp Physiol** 1985 Jan;70(1):95–9

The effects of feeding either roughage or concentrate diets on salivary phosphorus secretion, net intestinal phosphorus absorption and urinary phosphorus excretion in the sheep. Scott D, et al. **Q J Exp Physiol** 1985 Jul;70(3):365–75

Follicular dynamics throughout the oestrous cycle in sheep. A review. Driancourt MA, et al. **Reprod Nutr Dev** 1985; 25(1A):1–15 (90 ref.)

Superovulation and egg transfer in the ewe. Torrès S, et al. **Reprod Nutr Dev** 1984;24(5A):623–31

Intestinal uptake of intact maternal lymphocytes by neonatal rats and lambs. Sheldrake RF, et al. **Res Vet Sci** 1985 Jul; 39(1):10–5

Peripheral circulatory responses to 96 hours of eucapnic hypoxia in conscious sheep. Krasney JA, et al. **Respir Physiol** 1985 Feb;59(2):197–211

Developmental alterations in pulmonary function of the lamb. Shaffer TH, et al. **Respiration** 1985;47(2):129–37

Hair as indicator of mineral status in Yankassa sheep. Kumaresan A, et al. **Rev Elev Med Vet Pays Trop** 1984; 37(1):61–4

Reproductive performance, pre-weaning growth rate and pre-weaning lamb mortality of Djallonké sheep in Ghana. Tuah AK, et al. **Trop Anim Health Prod** 1985 May; 17(2):107–13

Increasing lambing rates with ovandrotone-albumin. Harding RB, et al. **Vet Rec** 1984 Dec 8;115(23):601

Feeding bovine colostrum to lambs [letter] Heath SE. **Vet Rec** 1985 Jun 15;116(24):647

Experimental studies of sperm transport in sheep, cows and pigs. Hunter RH. **Vet Rec** 1985 Feb 16;116(7):188

Reduced superovulatory response in the ewe following repeated gonadotrophin treatment. Al-Kamali AA, et al. **Vet Rec** 1985 Feb 16;116(7):180–1

Real-time ultrasonic scanning in the diagnosis of pregnancy and the determination of fetal numbers in sheep. White IR, et al. **Vet Rec** 1984 Aug 18;115(7):140–3

Duodenal bulb motor activity in sheep. Ruckebusch Y, et al. **Zentralbl Veterinarmed** [A] 1984 Jul;31(6):401–13

The participation of adrenal medullary hormones in the metabolic effects of hyperammonaemia. Sławski Z, et al. **Zentralbl Veterinarmed** [A] 1984 Aug;31(7):481–8

[Adaptation of the digestive system in sheep to long-term feeding of a fixed ration] Gabrovski L, et al. **Vet Med Nauki** 1985;22(4):63–9 **(Bul)**

[Outlook for the programmed insemination of sheep in the anestrual season] Kostov L, et al. **Vet Med Nauki** 1985; 22(3):37–42 (Eng. Abstr.) **(Bul)**

[Control of antroduodenal motility in sheep] Ruckebusch Y, et al. **Ann Rech Vet** 1985;16(1):57–68 (Eng. Abstr.) **(Fre)**

[Annual variations in plasma prolactin and testosterone concentrations in the Ouled-Djellal ram in Algeria] Darbeida H, et al. **C R Acad Sci [III]** 1984;299(19):789–94 (Eng. Abstr.) **(Fre)**

[Light entrainment and stimulation of the secretion of prolactin in rams] Pelletier J, et al. **C R Acad Sci [III]** 1985;301(6):323–8 (Eng. Abstr.) **(Fre)**

[Origin of the secondary peristalsis of the esophagus in sheep] Boivin R, et al. **C R Soc Biol (Paris)** 1984;178(6):651–8 (Eng. Abstr.) **(Fre)**

[Characteristics of esophageal antiperistaltic activity in sheep] Peralta FE, et al. **J Physiol (Paris)** 1985;80(1):8–19 (Eng. Abstr.) **(Fre)**

[Influence of the photoperiod on the production and fecundity of spermatozoa in the adult Ile-de-France ram] Colas G, et al. **Reprod Nutr Dev** 1985;25(1A):101–11 (Eng. Abstr.) **(Fre)**

[Significance of pH values for the assessment of sperm quality and sexual activity as well as for achievement of good fertilization results. 1. pH value in ram ejaculates, its variability and its significance for the assessment of sperm quality] Menger H. **Arch Exp Veterinarmed** 1984 Nov; 38(6):832–9 (Eng. Abstr.) **(Ger)**

[Effects of different floorings on the hooves of sheep. 1. Various hoof parameters of sheep housed on different types of floors] Rieger E, et al. **Arch Exp Veterinarmed** 1984 Sep;38(5):757–64 (Eng. Abstr.) **(Ger)**

[Feed intake of ewes in the perinatal period] Dittrich A, et al. **Arch Tierernahr** 1984 Oct;34(10):705–13 (Eng. Abstr.) **(Ger)**

[Rumen fermentation with special reference to volatile fatty acid production during reproduction. 1. Methods and results of volatile fatty acid levels and production rates in vitro] Schindler K, et al. **Arch Tierernahr** 1984 Sep; 34(9):631–40 (Eng. Abstr.) **(Ger)**

[Regulation of food intake in ruminants] Koppel J, et al. **Cesk Fysiol** 1985;34(3):215–28 **(Slo)**

[The effect of hormonal preparations on superovulation and egg transport in ewes] Arendarčik J, et al. **Vet Med (Praha)** 1984 Oct;29(10):619–26 (Eng. Abstr.) **(Slo)**

SURGERY

Attempts surgically to induce chorionic fusion between embryos. Marcum JB, et al. **J Dairy Sci** 1985 Mar; 68(3):740–4

Long-term blood access by catheters implanted into arteriovenous fistulas of sheep. Dennis MB Jr, et al. **Lab Anim Sci** 1984 Aug;34(4):388–92

[Respiratory functional hypoxia in ruminants under general anesthesia] Erhardt W, et al. **Tierarztl Prax** 1985;Suppl 1:45–9 (Eng. Abstr.) **(Ger)**

URINE

An apparatus for quantitative collection of urine from male cattle, sheep, and swine. Paulson GD, et al. **Am J Vet Res** 1984 Oct;45(10):2150–1

[Renal excretion of urea in the Merino and Steppe fat-tailed breeds of sheep after a short period of fasting] Szanyiová M, et al. **Vet Med (Praha)** 1985 Feb;30(2):83–90 (Eng. Abstr.) **(Slo)**

SHEEP DISEASES

Experimental reproduction of septicemic pasteurellosis in feedlot lambs: bacteriologic and pathologic examinations. Suàrez-Güémes F, et al. **Am J Vet Res** 1985 Jan; 46(1):193–201

Modern aspects of sheep mastitis. Watson DJ, et al. **Br Vet J** 1984 Nov-Dec;140(6):529–34

Copper deficiency in cattle and sheep. Whitelaw A. **In Pract** 1985 May;7(3):98–100

Overview of mycoplasmoses in sheep and goats. Cottew GS. **Isr J Med Sci** 1984 Oct;20(10):962–4 (22 ref.)

Diaphragmatic hernia in a sheep. Ahmed SS, et al. **Vet Rec** 1984 Oct 27;115(17):441

Extrauterine pregnancy in a ewe. Madani MO, et al. **Vet Rec** 1984 Nov 24;115(21):547-8

Osteodystrophy in growing lambs fed a diet rich in wheat bran. Mahin L, et al. **Vet Rec** 1984 Oct 6;115(14):355-7

Presumptive protozoan (sarcocystis) encephalomyelitis with paresis in lambs. Stubbings DP, et al. **Vet Rec** 1985 Apr 6;116(14):373-4

[Ecthyma of sheep and goats] Büttner M. **Tierarztl Prax** 1985; 13(2):163-9 (10 ref.) (Eng. Abstr.) **(Ger)**

BLOOD

The diagnosis of vitamin B12 deficiency in sheep: comparison of serum vitamin B12 levels measured by a microbiological and a radioisotope dilution technique. Mohammed R, et al. **Ann Rech Vet** 1985;16(1):51-6

Further physiopathological features of experimental Homeria glauca (Wood & Evans) N.E.Br. poisoning in Merino sheep. Button C, et al. **Onderstepoort J Vet Res** 1984 Jun; 51(2):95-6

The effect of isolation on plasma cortisol, glucose and free fatty acids in sheep. Pierzchala K, et al. **Zentralbl Veterinarmed** [A] 1985 Feb;32(2):140-5

[Pathogenic role of O. venulosum in lambs] Badrie F, et al. **Vet Med Nauki** 1985;22(6):34-40 (Eng. Abstr.) **(Bul)**

[Biochemical changes in the blood of sheep with experimental Corynebacterium infection] Borisov I. **Vet Med Nauki** 1985;22(2):59-66 (Eng. Abstr.) **(Bul)**

[Morphological and biochemical changes in the blood of lambs with experimental Erysipelothrix polyarthritis] Koĭchev K, et al. **Vet Med Nauki** 1985;22(6):46-55 (Eng. Abstr.) **(Bul)**

CHEMICALLY INDUCED

Influence of endotoxin-induced fever on the pharmacokinetics of gentamicin in ewes. Wilson RC, et al. **Am J Vet Res** 1984 Dec;45(12):2495-7

Effects of a pour-on insecticidal formulation on sheep skin. Britt AG, et al. **Aust Vet J** 1984 Oct;61(10):329-30

Ruminal motility in sheep intoxicated with 2,3-dihydroxypyridine. McSweeney CS, et al. **Aust Vet J** 1984 Aug;61(8):271-2

Gastro-intestinal motor disturbances induced by lysine-acetylsalicylate treatment in sheep. Honde C, et al. **J Vet Pharmacol Ther** 1984 Sep;7(3):189-95

Ergot from meadow grass in Norway--chemical composition and toxicological effects in sheep. Løken T. **Nord Vet Med** 1984 Jul-Aug;36(7-8):259-65

3-Methylindole-induced pulmonary injury in lambs. A comparison with acute respiratory distress syndrome (ARDS). Ulvund MJ. **Nord Vet Med** 1984 Jul-Aug; 36(7-8):253-8

Isolation and characterization of and some observations on poisoning by bufadienolides from Cotyledon orbiculata L. var. orbiculata. Anderson LA, et al. **Onderstepoort J Vet Res** 1985 Mar;52(1):21-4

Suspected selenium poisoning in lambs [letter] Anderson PH, et al. **Vet Rec** 1985 Jun 15;116(24):647

Selenium poisoning in lambs. Hopper SA, et al. **Vet Rec** 1985 May 25;116(21):569-71

Susceptibility of North Ronaldsay sheep to copper from cupric oxide needles. Britt DP, et al. **Vet Res Commun** 1985 Feb;9(1):57-65

[Ryegrass staggers--Lolium perenne (English ryegrass)] de Jonge WK. **Tijdschr Diergeneeskd** 1984 Jul 15;109(14):589 **(Dut)**

CONGENITAL

Viral persistence and abnormalities of the central nervous system after congenital infection of sheep with border disease virus. Potts BJ, et al. **J Infect Dis** 1985 Feb; 151(2):337-43

Congenital ocular defects in food-producing animals. Leipold HW. **Vet Clin North Am [Large Anim Pract]** 1984 Nov;6(3):577-95 (126 ref.)

DIAGNOSIS

Diagnosis of Corynebacterium pseudotuberculosis infections in sheep, using an enzyme-linked immunosorbent assay. Maki LR, et al. **Am J Vet Res** 1985 Jan;46(1):212-4

Diagnosis of ovine fascioliasis by a dot enzyme-linked immunosorbent assay: a rapid microdiagnostic technique. Zimmerman GL, et al. **Am J Vet Res** 1985 Jul;46(7):1513-5

Haemonchus-free trichostrongylid illthrift in unweaned lambs in south eastern Queensland. Copland RS, et al. **Aust Vet J** 1985 Apr;62(4):132-3

Complications in field diagnosis of Johne's disease in sheep. Dent CH. **Aust Vet J** 1985 May;62(5):171

Contagious pustular dermatitis of sheep--possible confusion with vesicular diseases. Larsen JW. **Aust Vet J** 1985 Jan; 62(1):27

Evaluation of an enzyme linked-immunosorbent assay for the diagnosis of Brucella ovis infection in rams. Lee K, et al. **Aust Vet J** 1985 Mar;62(3):91-3

Counter-immunoelectrophoresis for rapid diagnosis of sheep pox. Chand P, et al. **Br Vet J** 1985 Mar-Apr;141(2):124-8

Observations on a skin sensitivity test for ovine enzootic abortion. Wilsmore AJ, et al. **Br Vet J** 1984 Sep-Oct; 140(5):468-77

Evaluation of a radial immunodiffusion test for diagnosing brucellosis in sheep and its possible value for differentiating infected from Brucella melitensis REV 1 vaccinated sheep. Blasco JM, et al. **Dev Biol Stand** 1984;56:507-11

Evaluation of the allergic test in diagnosis of brucellosis in sheep. Ebadi A. **Dev Biol Stand** 1984;56:387-91

Characterization of Brucella ovis lipopolysaccharide and its use for diagnosis of ram epididymitis by enzyme-linked immunosorbent assay. Afzal M, et al. **J Clin Microbiol** 1984 Dec;20(6):1159-64

Use of the enzyme-linked immunosorbent assay in the diagnosis of Dictyocaulus filaria infection. Joshi P, et al. **Res Vet Sci** 1984 Sep;37(2):258-9

Evaluation of a monoclonal antibody to the K99 fimbrial adhesin produced by Escherichia coli enterotoxigenic for calves, lambs and piglets. Morris JA, et al. **Res Vet Sci** 1985 Jul;39(1):75-9

Rapid diagnosis of peste des petits ruminants (PPR) infection, application of immunoelectroosmophoresis (IEOP) technique. Majiyagbe KA, et al. **Rev Elev Med Vet Pays Trop** 1984;37(1):11-5

Survey of brucellosis in goats and sheep in the Yemen Arab Republic: comparison of tests for Brucella melitensis infection in sheep. Hosie BD, et al. **Trop Anim Health Prod** 1985 May;17(2):93-9

Ocular diagnostic and therapeutic techniques in food animals. Whitley RD, et al. **Vet Clin North Am [Large Anim Pract]** 1984 Nov; 6(3):553-75

The use of haemoglobin, packed-cell volume and serum sorbitol dehydrogenase as indicators of the development of fascioliasis in sheep. Hawkins CD. **Vet Parasitol** 1984 Aug;15(2):125-33

Ovine listerial encephalitis: analysis, hypothesis and synthesis. Barlow RM, et al. **Vet Rec** 1985 Mar 2;116(9):233-6

Ataxia/paresis syndrome of sheep [letter] Rogers EP, et al. **Vet Rec** 1985 Mar 16;116(11):301

Dermatitis of the legs of sheep associated with Staphylococcus aureus. Synge BA, et al. **Vet Rec** 1985 Apr 27;116(17):459-60

Taenia hydatigena: a cause of persistent liver condemnations in lambs. Trees AJ, et al. **Vet Rec** 1985 May 11; 116(19):512-6

[Clinical, radiotelemetric and x-ray research on erythematous polyarthritis in lambs] Borisov I, et al. **Vet Med Nauki** 1985; 22(4):22-30 (Eng. Abstr.) **(Bul)**

[Clinical applications of a delayed hypersensitivity skin test for detecting brucellosis in sheep and goats using a commercial allergen] Loquerie R, et al. **Dev Biol Stand** 1984;56:407-10 **(Fre)**

[Enzootic septicemic listeriosis in a migrating flock of sheep] Palmer DG. **Schweiz Arch Tierheilkd** 1984 Oct; 126(10):539-43 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

Alleviation of excessive gas accumulation in the ruminant stomach by ritanserin. Ruckebusch Y, et al. **Am J Vet Res** 1985 Feb;46(2):434-7

The effect of strategic anthelmintic treatment on the breeding performance and survival of ewes naturally infected with gastro-intestinal strongyles and protostrongylids. Pandey VS, et al. **Ann Rech Vet** 1984;15(4):491-6

Failure of oral zinc therapy to alleviate Bacteroides nodosus infections in cattle and sheep. Egerton JR, et al. **Aust Vet J** 1985 Mar;62(3):85-8

Resistance to benzimidazole anthelmintics in field strains of Ostertagia and Nematodirus in sheep. Martin PJ, et al. **Aust Vet J** 1985 Feb;62(2):38-43

Anthelmintic resistance and sheep management practices in south western Victoria. Riffkin GG, et al. **Aust Vet J** 1984 Aug;61(8):248-51

Anthelmintic activity of a benzimidazoline compound in sheep by abomasal infusion. Boisvenue RJ, et al. **Experientia** 1984 Dec 15;40(12):1394-5

Cobalt--from bacteria to borax bead test. Jukes TH. **J Appl Biochem** 1984 Oct-Dec;6(5-6):269-70

Administration of activated charcoal for the treatment of lantana poisoning of sheep and cattle. Pass MA, et al. **J Appl Toxicol** 1984 Oct;4(5):267-9

The efficacy of closantel against Fascioloides magna in sheep. Stromberg BE, et al. **J Parasitol** 1984 Jun;70(3):446-7

Efficacy of ivermectin against internal parasites of sheep. Swan GE, et al. **J S Afr Vet Assoc** 1984 Dec;55(4):165-9

Studies on the influence of non-steroidal anti-inflammatory drugs upon trypanosomiasis in goats and sheep. Dwinger RH, et al. **J Vet Pharmacol Ther** 1984 Dec;7(4):293-301

Effects of dipyrone on endotoxin-induced fever, central nervous depression and hypoglycaemia in sheep. Naylor JM, et al. **J Vet Pharmacol Ther** 1984 Sep;7(3):233-8

Albendazole treatment of pulmonary hydatid cysts in naturally infected sheep: a study with relevance to the treatment of hydatid cysts in man. Morris DL, et al. **Thorax** 1985 Jun;40(6):453-8

Analysis of anthelmintic trial protocols using sheep experimentally or naturally infected with Fasciola hepatica. Smith G. **Vet Parasitol** 1984 Oct;16(1-2):83-94

Chemotherapy of ovine fascioliasis: use of an analytical model to assess the impact of a series of discrete doses of anthelmintic on the prevalence and intensity of infection. Smith G. **Vet Parasitol** 1984 Oct;16(1-2):95-106

Inclusion keratoconjunctivitis ('pink eye') in sheep. A proposal for a new name for chlamydial keratoconjunctivitis in sheep and comment on recent clinical trials. Bogaard AE Jr. **Vet Q** 1984 Sep;6(4):229-35

Ovine urolithiasis [letter] Scott CH, et al. **Vet Rec** 1985 May 4;116(18):504

Efficacy of nitroxynil against Oestrus ovis in sheep. Wellington AC. **Vet Rec** 1985 Mar 23;116(12):322

Effects of trenbolone acetate and propylene glycol on pregnancy toxaemia in ewes. Wierda A, et al. **Vet Rec** 1985 Mar 16;116(11):284-7

[Effect of levamisole on the formation of agglutinins against salmonellosis in weaned lambs] Bŭrdarov I, et al. **Vet Med Nauki** 1984;21(7-8):113-8 (Eng. Abstr.) **(Bul)**

[Trial of anthelmintic treatment with fenbendazole in sheep of the Sahelian zone in Senegal] Vassiliades G. **Rev Elev Med Vet Pays Trop** 1984;37(3):293-8 (Eng. Abstr.) **(Fre)**

[Oxfendazole in the treatment of helminthiasis in cattle and sheep] Kozakiewicz B, et al. **Wiad Parazytol** 1984; 30(5-6):629-35 (Eng. Abstr.) **(Pol)**

EMBRYOLOGY

Intracranial haemorrhage in the preterm sheep fetus [letter] Thoresen M, et al. **Early Hum Dev** 1984 Sep;10(1-2):149-56

ENZYMOLOGY

A mild form of ovine dermatosparaxis. Ramshaw JA. **Coll Relat Res** 1984 Dec;4(6):441-51

Distribution of 5'-nucleotidase in the tissues of sheep and the effect of kidney and liver lesions on the activity of the enzyme in plasma and urine. Ford EJ, et al. **Res Vet Sci** 1985 Jul;39(1):103-9

Lactate dehydrogenase isoenzymes in the lungs of sheep with acute and chronic pneumonia. Milne EM, et al. **Vet Res Commun** 1984 Aug;8(3):211-6

Transketolase activity in the blood of cattle and sheep in relation to thiamine deficiency. Bogin E, et al. **Zentralbl Veterinarmed** [A] 1985 Feb;32(2):135-9

ETIOLOGY

Mastitis associated with ovine progressive pneumonia virus infection in sheep. Cutlip RC, et al. **Am J Vet Res** 1985 Feb;46(2):326-8

Effects of feeding lupin seed naturally infected with Phomopsis leptostromiformis to sheep and pigs. Allen JG, et al. **Aust Vet J** 1984 Jun;61(6):178-80

Eperythrozoon ovis and copper poisoning as causes of jaundice in lamb carcases. Archer JF, et al. **Aust Vet J** 1984 Oct;61(10):312-3

Staggers in sheep associated with the ingestion of Tribulus terrestris. Bourke CA. **Aust Vet J** 1984 Nov;61(11):360-3

Liver biopsy and black disease in a sheep. Duncan IF. **Aust Vet J** 1984 Aug;61(8):272-3

Attempted induction of premature birth in sheep fed Cupressus macrocarpa. Mason RW. **Aust Vet J** 1984 Jun; 61(6):192-3

Feeding rubberbush (Calotropis procera) to cattle and sheep. Radunz BL, et al. **Aust Vet J** 1984 Jul;61(7):243-4

Observations of the effects of Rapistrum rugosum on thyroid function. Stocks DC, et al. **Aust Vet J** 1984 Aug;61(8):264-5

Anorexia and progressive weight loss in long-term feeding experiments with sheep. Walker KH, et al. **Aust Vet J** 1984 Jun;61(6):193-4

Clinical and antibody responses to Clostridium perfringens type A enterotoxin in experimental sheep and calves. Niilo L, et al. **Can J Comp Med** 1985 Apr;49(2):145-8

Studies on Mycoplasma mycoides subsp. mycoides (LC) in lambs and calves. Truscott RB, et al. **Can J Comp Med** 1985 Apr;49(2):233-4

Naturally occurring nasal obstructions in 11 sheep. Rings DM, et al. **Cornell Vet** 1985 Apr;75(2):269-76

Effect of experimental infection with ovine ureaplasma upon the development of uroliths in feedlot lambs. Livingston CW Jr, et al. **Isr J Med Sci** 1984 Oct;20(10):958-61

Pathogenicity of a modified-live pseudorabies vaccine virus in lambs. Clark LK, et al. **J Am Vet Med Assoc** 1984 Dec 15;185(12):1535-7

Abomasal emptying defect in Suffolk sheep. Rings DM, et al. **J Am Vet Med Assoc** 1984 Dec 15;185(12):1520-2

Attempts surgically to induce chorionic fusion between embryos. Marcum JB, et al. **J Dairy Sci** 1985 Mar; 68(3):740-4

Ovine wet carcass syndrome induced by water deprivation and subsequent overhydration: preliminary findings. Joubert JP, et al. **J S Afr Vet Assoc** 1985 Mar;56(1):17-9

Pathologic changes and microorganisms found in bighorn sheep during a stress-related die-off. Spraker TR, et al. **J Wildl Dis** 1984 Oct;20(4):319-27

Induction of diplodiosis, a neuromycotoxicosis, in domestic ruminants with cultures of indigenous and exotic isolates of Diplodia maydis. Kellerman TS, et al. **Onderstepoort J Vet Res** 1985 Mar;52(1):35-42

Resistance of sheep to poisoning by The plant, Marticaria nigellifolia DC. Newsholme SJ, et al. **Onderstepoort J Vet Res** 1984 Dec;51(4):277-8

Susceptibility of specific pathogen-free lambs to concentrations of Pasteurella haemolytica serotype A2 in aerosols. Gilmour NJ, et al. **Res Vet Sci** 1984 Nov; 37(3):374-5

Investigations into the possible role of Mycoplasma arginini in ovine respiratory disease. Jones GE, et al. **Res Vet Sci** 1985 May;38(3):368-72

Lentiviral diseases of sheep and goats: chronic pneumonia leukoencephalomyelitis and arthritis. Narayan O, et al. **Rev Infect Dis** 1985 Jan-Feb;7(1):89-98 (58 ref.)

Ophthalmic diseases of small domestic ruminants. Moore CP, et al. **Vet Clin North Am [Large Anim Pract]** 1984 Nov; 6(3):641-65 (93 ref.)

The effect of Citrullus colocynthis on sheep. Elawad AA, et al. **Vet Hum Toxicol** 1984 Dec;26(6):481-5

Idiopathic meningoencephalitis of sheep in England. Duffell SJ. **Vet Rec** 1984 Nov 24;115(21):547

Rhododendron poisoning in sheep. Higgins RJ, et al. **Vet Rec** 1985 Mar 16;116(11):294-5

Acorn poisoning in ruminants. Holliman A. **Vet Rec** 1985 May 18;116(20):546

Liver lesions resembling ovine white liver disease in cobalt deficient lambs. McLoughlin MF, et al. **Vet Rec** 1984 Sep 29;115(13):325

Sudden deaths in wethers associated with fatty livers. Malone F, et al. **Vet Rec** 1984 Nov 17;115(20):516

Rhododendron poisoning in sheep [letter] Shannon D. **Vet Rec** 1985 Apr 20;116(16):451

Suspected wild garlic poisoning in sheep [letter] Stevens H. **Vet Rec** 1984 Oct 6;115(14):363

Experimental diarrhoea in lambs. Wray C, et al. **Zentralbl Veterinarmed** [B] 1984 Jun;31(5):381-90

[Experimental infection of lambs with strains of the bovine respiratory syncytial virus] Khristozova S, et al. **Vet Med Nauki** 1985;22(1):31-5 (Eng. Abstr.) **(Bul)**

[Pathogenesis of paramphistomiasis in sheep] Vasilev I, et al. **Vet Med Nauki** 1985;22(2):67-73 (Eng. Abstr.) **(Bul)**

[Newly seeded Italian rye grassland--photosensitization?] de Jonge WK. **Tijdschr Diergeneeskd** 1984 Jul 15;109(14):589 **(Dut)**

[Not on thin ice...] van der Kamp JS. **Tijdschr Diergeneeskd** 1985 Jun 1;110(11):454 **(Dut)**

FAMILIAL & GENETIC

Inheritance of spina bifida in Icelandic lambs. Adalsteinsson S, et al. **J Hered** 1984 Sep-Oct;75(5):378-82

IMMUNOLOGY

Effect of repeated locoweed feeding on peripheral lymphocytic function and plasma proteins in sheep. Sharma RP, et al. **Am J Vet Res** 1984 Oct;45(10):2090-3

Use of enzyme-linked immunosorbent assay for detection of antibodies to Brucella ovis in sheep: field trial. Walker RL, et al. **Am J Vet Res** 1985 Aug;46(8):1642-6

The structural integrity of pili from Bacteroides nodosus is required to elicit protective immunity against foot-rot in sheep. Emery DL, et al. **Aust Vet J** 1984 Jul;61(7):237-8

The cellular response of sheep to challenge with cultivated allogeneic tumor cells derived from naturally occurring ovine squamous cell carcinomata. Al-Yaman FM, et al. **Immunol Invest** 1985 Feb;14(1):73-84

Resistance of exotic and domestic lambs to experimental infection with Haemonchus contortus. Courtney CH, et al. **Int J Parasitol** 1985 Feb;15(1):101-9

Resistance of nonlambing exotic and domestic ewes to naturally acquired gastrointestinal nematodes. Courtney CH, et al. **Int J Parasitol** 1985 Jun;15(3):239-43

Attempts to probe the antigens and protective immunogens of Trichostrongylus colubriformis in immunoblots with sera from infected and hyperimmune sheep and high- and low-responder guinea pigs. O'Donnell IJ, et al. **Int J Parasitol** 1985 Apr;15(2):129-36

Initial characterisation of the sheep immune response to infections of Lucilia cuprina. Sandeman RM, et al. **Int J Parasitol** 1985 Apr;15(2):181-5

Immunity against genital infection by Histophilus ovis in rams. Jansen BC, et al. **Onderstepoort J Vet Res** 1984 Sep; 51(3):203-7

The acquisition of immunity to Histophilus ovis by sheep in nature. Jansen BC, et al. **Onderstepoort J Vet Res** 1984 Dec;51(4):269-70

Precipitating antibodies in experimental visna and natural progressive pneumonia of sheep. Klein JR, et al. **Res Vet Sci** 1985 Mar;38(2):129-33

Demonstration of IgA-containing cells in the small intestine of lambs infected with Nematodirus battus. Sinclair IJ, et al. **Res Vet Sci** 1985 May;38(3):373-6

Resistance to Haemonchus contortus transferred between genetically histocompatible sheep by immune lymphocytes. Smith WD, et al. **Res Vet Sci** 1984 Sep;37(2):199-204

Impaired mitogen responses in lambs with white muscle disease. Turner RJ, et al. **Res Vet Sci** 1984 Nov;37(3):357-8

Immunophysiological activity of supramammary lymph nodes of the ewe during the very early phase of staphylococcal mastitis. Watson DL, et al. **Res Vet Sci** 1985 Jul;39(1):52-8

Response of sheep vaccinated with large doses of vaccine to challenge by airborne foot and mouth disease virus. Gibson CF, et al. **Vaccine** 1984 Jun;2(2):157-61

Progress towards sheep and goat pox vaccines. Kitching P. **Vaccine** 1983 Dec;1(1):4-9 (71 ref.)

The immune reactivity of the regional and distant lymph nodes to autochthonous ovine squamous cell carcinomata. Al-Yaman FM, et al. **Vet Immunol Immunopathol** 1985 Jul; 9(3):261-72

Relationship of histamine in tissues and antiparasitic substances in gastrointestinal mucus to the development of resistance to trichostrongyle infections in young sheep. Douch PG, et al. **Vet Parasitol** 1984 Nov;16(3-4):273-88

The effect of transfer factor treatment on two challenge infections of Haemonchus contortus in immuno-competent 7-month-old lambs. MacKenzie G, et al. **Vet Res Commun** 1984 Nov;8(4):283-92

[Experimental study of postvaccinal immunity to sheep-pox] Fassi-Fehri M, et al. **Ann Rech Vet** 1984;15(1):59-64 (Eng. Abstr.) **(Fre)**

[Interference between anthelmintics and immunity in gastrointestinal strongylosis of sheep] Luffau G, et al. **Ann Rech Vet** 1985;16(1):17-23 (Eng. Abstr.) **(Fre)**

METABOLISM

Metabolic consequences of induced hypoxia in newborn lambs. Grongnet JF. **Ann Rech Vet** 1984;15(1):17-28

Phospholipid fatty acids in brains of normal sheep and sheep with ceroid-lipofuscinosis. Palmer DN, et al. **Biochim Biophys Acta** 1985 Apr 25;834(2):159-63

Calcium and phosphorus absorption in lambs exposed to Trichostrongylus colubriformis. Poppi DP, et al. **J Comp Pathol** 1985 Jul;95(3):453-64

Pharmacokinetics of cefotaxime and probenecid in sheep with normal and reduced renal function. Guerrini VH, et al. **J Vet Pharmacol Ther** 1984 Dec;7(4):283-91

X-ray microanalysis of liver and kidney in copper loaded sheep with and without thiomolybdate administration. Jones HB, et al. **Res Vet Sci** 1984 Nov;37(3):273-82

Effect of parasitism with Ostertagia circumcincta on pharmacokinetics of fenbendazole in sheep. Marriner SE, et al. **Vet Parasitol** 1985 Mar;17(3):239-49

Swainsonine toxicosis mimics lectin histochemistry of mannosidosis. Alroy J, et al. **Vet Pathol** 1985 Jul; 22(4):311-6

Pathobiology of copper toxicity. Nederbragt H, et al. **Vet Q** 1984 Sep;6(4):179-85, 235 (39 ref.)

[Pharmacokinetics of amoxicillin trihydrate in sheep infected experimentally with Corynebacterium pyogenes and Escherichia coli] Drumev D, et al. **Vet Med Nauki** 1985; 22(5):85-9 (Eng. Abstr.) **(Bul)**

[Metabolic disorders in dicrocoeliasis in sheep] Markiewicz K, et al. **Wiad Parazytol** 1984;30(4):469-77 (Eng. Abstr.) **(Pol)**

MICROBIOLOGY

Properties of a respiratory syncytial virus isolated from a sheep with rhinitis. Evermann JF, et al. **Am J Vet Res** 1985 Apr;46(4):947-51

Production and preliminary characterization of monoclonal antibodies to Actinobacillus sp isolated from epididymitis lesions in a ram. Healey MC, et al. **Am J Vet Res** 1985 Jun;46(6):1297-302

Serologic analysis of isolates of Pasteurella haemolytica and Staphylococcus aureus from mastitic ewes. Shoop DS, et al. **Am J Vet Res** 1984 Oct;45(10):1944-6

Isolation of ovine rotavirus in cell cultures. Brief report. Makabe T, et al. **Arch Virol** 1985;83(1-2):123-7

Characterisation of isolates of Pseudomonas aeruginosa from sheep. Burrell DH, et al. **Aust Vet J** 1984 Sep;61(9):277-9

Kidney disease of sheep, associated with infection by leptospires of the Sejroe serogroup. Ellis TM, et al. **Aust Vet J** 1984 Sep;61(9):304-6

Cultural characteristics and virulence of strains of Fusobacterium necrophorum isolated from the feet of cattle and sheep. Emery DL, et al. **Aust Vet J** 1985 Feb;62(2):43-6

Development of an artificial infection technique for examining the susceptibility of sheep to Dermatophilus congolensis. Gherardi SG, et al. **Aust Vet J** 1984 Sep; 61(9):304

An outbreak of facial eczema in sheep. Greenwood PE, et al. **Aust Vet J** 1985 Feb;62(2):65-6

Utilisation of wool wax by fleece-rot isolates of Pseudomonas aeruginosa. Merritt GC, et al. **Aust Vet J** 1984 Oct; 61(10):334

Development of lymphosarcoma in sheep after inoculation with bovine leucosis virus. Rogers RJ, et al. **Aust Vet J** 1984 Jun;61(6):196-8

A microaerophilic coccus in pyogenic infections of ruminants. Slee KJ. **Aust Vet J** 1985 Feb;62(2):57-9

Colitis in sheep due to a Campylobacter-like bacterium. Stephens LR, et al. **Aust Vet J** 1984 Jun;61(6):183-7

Characterization of mycoplasmas isolated from pneumonic sheep lungs in Sudan. Elmahi M, et al. **Br Vet J** 1985 Jan-Feb;141(1):82-3

Transforming potential of a retrovirus isolated from lung carcinoma of sheep. Safran N, et al. **Int J Cancer** 1985 Apr 15;35(4):499-504

Ovine abortion associated with an anaerobic bacterium. Kirkbride CA, et al. **J Am Vet Med Assoc** 1985 Apr 15; 186(8):789-91

Visna-like disease in a Minnesota sheep. Schultheiss PC. **J Am Vet Med Assoc** 1985 Apr 15;186(8):811

Trimethoprim resistance plasmids in Escherichia coli isolated from cases of diarrhoea in cattle, pigs and sheep. Wise PJ, et al. **J Appl Bacteriol** 1985 Jun;58(6):555-61

Isolation of Bacteroides fragilis from the feces of diarrheic calves and lambs. Border M, et al. **J Clin Microbiol** 1985 Mar;21(3):472-3

Effect of bluetongue virus on reproduction in sheep and cattle. Luedke AJ. **Prog Clin Biol Res** 1985;178:71-8

Investigations into the association of retroviruses with ovine lymphoma. Dixon RJ, et al. **Res Vet Sci** 1985 Jan; 38(1):126-8

Clinical and antigenic relationship between isolates of sheep and goat pox viruses. Kitching RP, et al. **Trop Anim Health Prod** 1985 May;17(2):64-74

The experimental production of mastitis in ewes as a determinant of the virulence of ovine ureaplasma strains. Ball HJ, et al. **Vet Microbiol** 1985 Jan;10(2):117-23

Comparison of virulence of ovine respiratory mycoplasmas in the mouse mammary gland. Buddle BM, et al. **Vet Microbiol** 1984 Aug;9(4):367-74

Experimental infection of sheep with Mycoplasma ovipneumoniae and Pasteurella haemolytica. Buddle BM, et al. **Vet Microbiol** 1984 Oct;9(6):543-8

Motility in relation to virulence of Bacteroides nodosus. Depiazzi LJ, et al. **Vet Microbiol** 1985 Jan;10(2):107-16

Ovine abortion and stillbirth due to purulent placentitis caused by Yersinia pseudotuberculosis. Karbe E, et al. **Vet Pathol** 1984 Nov;21(6):601-6

The commonest rotaviruses from neonatal lamb diarrhoea in England and Wales have atypical electropherotypes. Chasey D, et al. **Vet Rec** 1984 Sep 29;115(13):326-7

Serogroups of Bacteroides nodosus isolated from ovine footrot in Britain. Hindmarsh F, et al. **Vet Rec** 1985 Feb 16;116(7):187-8

Septicaemia, encephalitis and abortions in a housed flock of sheep caused by Listeria monocytogenes type 1/2. Low JC, et al. **Vet Rec** 1985 Feb 9;116(6):147-50

Experimental intrauterine inoculation of pregnant ewes with ureaplasmas. Ball HJ, et al. **Vet Res Commun** 1985 Feb; 9(1):35-43

[Enterotoxic staphylococci in the milk of cows and sheep with mastitis] Gogov I, et al. **Vet Med Nauki** 1984; 21(9):86-92 (Eng. Abstr.) **(Bul)**

[Mycoplasma carrier state in the respiratory apparatus of sheep and lambs] Todorov D. **Vet Med Nauki** 1985; 22(2):21-6 (Eng. Abstr.) **(Bul)**

[Listeria strains isolated from sick animals and consumed silage] Fensterbank R, et al. **Ann Rech Vet** 1984;15(1):113-8 (Eng. Abstr.) **(Fre)**

MORTALITY

Corynebacterium pseudotuberculosis exotoxin: fatal hemolytic anemia induced in gnotobiotic neonatal small ruminants by parenteral administration of preparations containing exotoxin. Hsu TY, et al. **Am J Vet Res** 1985 May;46(5):1206-11

Causes of lamb mortality in a commercial lowland sheep flock. Purvis GM, et al. **Vet Rec** 1985 Mar 16;116(11):293-4

OCCURRENCE

An outbreak of Morel's disease (a contagious sheep disease accompanied by abscess formation) in Hungary. Bajmócy E, et al. **Acta Vet Hung** 1984;32(1-2):9-13

A serological study on the prevalence of Toxoplasma gondii in meat-producing animals in Sweden. Uggla A, et al. **Acta Vet Scand** 1984;25(4):567-76

Epidemiologic study of toxoplasmosis on a sheep ranch. Behymer DE, et al. **Am J Vet Res** 1985 May;46(5):1141-4

Study of gastro-intestinal strongylosis in a sheep flock on permanent pasture 2. Sheep parasitism in 1978-1979. Hubert J, et al. **Ann Rech Vet** 1985;16(1):29-39

A syndrome of hepatogenous photosensitisation, resembling geeldikkop, in sheep grazing Tribulus terrestris. Glastonbury JR, et al. **Aust Vet J** 1984 Oct;61(10):314-6

A survey of hairy shaker disease (border disease, hypomyelinogenesis congenita) in sheep. Lim CF, et al. **Aust Vet J** 1984 Jun;61(6):174-7

The prevalence of ovine brucellosis in cull Merino rams in western Australia. Mercy AR, et al. **Aust Vet J** 1985 Apr; 62(4):137-8

Johne's disease in sheep. Seaman JT, et al. **Aust Vet J** 1984 Jul;61(7):227-9

Caseous lymphadenitis in sheep imported from Australia for slaughter in Malaysia. Sheikh-Omar AR, et al. **Aust Vet J** 1984 Dec;61(12):410

Observations on watery mouth in newborn lambs. Collins RO, et al. **Br Vet J** 1985 Mar-Apr;141(2):135-40

The epidemiology of brucellosis in animals. Nicoletti P. **Dev Biol Stand** 1984;56:623-8

Listeriosis in sheep. Low C, et al. **In Pract** 1985 Mar;:66-7

Prevalence and causes of ram epididymitis in Utah. Bagley CV, et al. **J Am Vet Med Assoc** 1985 Apr 15;186(8):798-801

Lingual abscesses in suckling and weaned lambs. Rossiter DL, et al. **J Am Vet Med Assoc** 1984 Dec 15;185(12):1552

Effect on the ewe and lamb of low zinc intake throughout pregnancy. Apgar J, et al. **J Anim Sci** 1985 Jun;60(6):1530-8

Suspected facial eczema in sheep in the central Orange Free State. De Wet JA, et al. **J S Afr Vet Assoc** 1984 Dec; 55(4):199-200

Epididymitis of rams in the central and southern districts of the Orange Free State. De Wet JA, et al. **J S Afr Vet Assoc** 1984 Dec;55(4):173-9

An outbreak of ovine listeriosis associated with poor flock management practices. Meredith CD, et al. **J S Afr Vet Assoc** 1984 Jun;55(2):55-6

Fleece-rot: the epidemiology and significance of the disease in sheep. Salisbury RH, et al. **J S Afr Vet Assoc** 1984 Sep; 55(3):147-51 (26 ref.)

Phenoxy and picolinic acid herbicides and small-intestinal adenocarcinoma in sheep. Newell KW, et al. **Lancet** 1984 Dec 8;2(8415):1301-5

Epidemiology of Nematodirus battus infection in eastern Scotland. Mitchell GB, et al. **Res Vet Sci** 1985 Mar; 38(2):197-201

Ovine internal parasitism in the Yemen Arab Republic. Hunter AG, et al. **Trop Anim Health Prod** 1984 May; 16(2):95-106

Epidemiology of Oestrus ovis infection of sheep in Morocco. Pandey VS, et al. **Trop Anim Health Prod** 1984 Nov; 16(4):246-52

Observations on blood-borne parasites of domestic livestock in the lower Juba region of Somalia. Schoepf K, et al. **Trop Anim Health Prod** 1984 Nov;16(4):227-32

Border disease in Syria. Wilsmore AJ, et al. **Trop Anim Health Prod** 1984 Nov;16(4):225-6

Rumen papillomas in sheep. Norval M, et al. **Vet Microbiol** 1985 Apr;10(3):219-29

A preliminary serological survey of viral antibodies in Peruvian sheep. Rosadio RH, et al. **Vet Microbiol** 1984 Dec;10(1):91-6

Ovine coccidia in Papua New Guinea. Varghese T, et al. **Vet Parasitol** 1985 Mar;17(3):181-91

Psoroptic ear mange (Psoroptes cuniculi, Delafond, 1859) in domestic and wild ruminants in Israel. Yeruham I, et al **Vet Parasitol** 1985 Apr;17(4):349-53

Dental calculus and periodontal disease in sheep. Baker JR, et al. **Vet Rec** 1984 Oct 20;115(16):411-2

Ataxia/paresis syndrome of sheep in West Africa associated with bilateral multifocal cerebrospinal poliomalacia. Bonniwell MA, et al. **Vet Rec** 1985 Jan 26;116(4):94-7

Abortion in sheep caused by Thogoto virus. Davies FG, et al. **Vet Rec** 1984 Dec 22-29;115(25-26):654

Outbreak of posthitis in grazing wethers in Scotland. Doherty ML. **Vet Rec** 1985 Apr 6;116(14):372-3

Autumn nematodiriasis [letter] Hollands RD. **Vet Rec** 1984 Nov 17;115(20):526-7

Mastitis in sheep in Iraq. Al-Samarrae SA, et al. **Vet Rec** 1985 Mar 23;116(12):323

Is salmonellosis still a serious problem in veterinary practice? Wray C. **Vet Rec** 1985 May 4;116(18):485-9

[Prediction of the periods favorable for the development of gastrointestinal nematodes in sheep in various climatic regions of Bulgaria] Dimitrov G. **Vet Med Nauki** 1985; 22(3):69-76 (Eng. Abstr.) **(Bul)**

[Photosensitization dermatosis in sheep in the interior of the Ivory Coast] Pierre F. **Rev Elev Med Vet Pays Trop** 1984; 37(3):277-85 (Eng. Abstr.) **(Fre)**

[Lungworms in sheep in Hesse: incidence of Dictyocaulus filaria and protostrongylids as well as seasonal dynamics of larval excretion under various management systems] Gothe R, et al. **Berl Munch Tierarztl Wochenschr** 1984 Oct 1;97(10):359-66 (Eng. Abstr.) **(Ger)**

[Coccidiosis in sheep] Pfister K, et al. **Schweiz Arch Tierheilkd** 1985 Jul;127(7):433-41 (Eng. Abstr.) **(Ger)**

[Old routes of circulation of cattle. The transiency of merino sheep in Spain and epizootics] Saiz Moreno L. **Rev Sanid Hig Publica (Madr)** 1983 Nov-Dec; 57(11-12):1229-53 (Eng. Abstr.) **(Spa)**

PARASITOLOGY

Some host factors which influence the epidemiology of Taenia multiceps infections in sheep. Herbert IV, et al. **Ann Trop Med Parasitol** 1984 Jun;78(3):243-8

Stocking rate effects on the worm burdens of Angora goats and Merino sheep. Le Jambre LF. **Aust Vet J** 1984 Sep; 61(9):280-2

Effects on plasma pepsinogen, gastrin and pancreatic polypeptide of Ostertagia spp. transferred directly into the abomasum of sheep. Anderson N, et al. **Int J Parasitol** 1985 Apr;15(2):159-65

A prediction model for parasitic gastro-enteritis in lambs. Paton G, et al. **Int J Parasitol** 1984 Oct;14(5):439-45

Metallic elements in hydatid fluid. Sheriff DS, et al. **J Helminthol** 1984 Dec;58(4):335-6

Effects of gamma-irradiation on the infective larvae of Bunostomum trigonocephalum (Rud., 1808) in lambs. Srivastava VK, et al. **J Helminthol** 1985 Mar;59(1):43-5

Parasitological and pathological observations on schistosomiasis in sheep in Senegal. Vercruysse J, et al. **J Helminthol** 1984 Sep;58(3):219-20

Differences in paralyzing ability and sites of attachment to cattle of Rocky Mountain wood ticks (Acari: Ixodidae) from three regions of western Canada. Wilkinson PR. **J Med Entomol** 1985 Jan 18;22(1):28-31

Identification of helminths in ruminants at necropsy. Reinecke RK. **J S Afr Vet Assoc** 1984 Sep;55(3):135-43

Muellerius capillaris (Mueller, 1889) (Nematoda: Protostrongylidae): an unusual finding in Rocky Mountain bighorn sheep (Ovis canadensis canadensis Shaw) in South Dakota. Pybus MJ, et al. **J Wildl Dis** 1984 Oct;20(4):284-8

Methods of infesting sheep with gastro-intestinal nematodes after cryopreservation: dosing of larvae in gelatin capsules compared to dosing of larvae in water suspension. Van Wyk JA, et al. **Onderstepoort J Vet Res** 1984 Dec; 51(4):217-21

Winter survival of trichostrongyle larvae: a study using tracer lambs. Kerboeuf D. **Res Vet Sci** 1985 May;38(3):364-7

Cryptosporidium spp. in new born lambs in Iran. Ahourai P, et al. **Trop Anim Health Prod** 1985 Feb;17(1):6-8

Prevalence of hydatid cysts in domestic livestock in the Niger Delta. Arene FO. **Trop Anim Health Prod** 1985 Feb; 17(1):3-5

Infectivity and pathogenicity of Fasciola gigantica in West African dwarf sheep and goats. Ogunrinade AF. **Trop Anim Health Prod** 1984 Aug;16(3):161-6

Seasonal changes in the abomasal nematodes of naturally infected ewes in Moulay-Bouazza (Morocco). Cabaret J. **Vet Parasitol** 1984 Jul;15(1):47-56

Migration and growth of Neostrongylus linearis (Marotel, 1913) Gebauer, 1932 in sheep. Castañón Ordóñez L, et al. **Vet Parasitol** 1984 Sep;15(3-4):271-84

Experimental infection of sheep by the camel stomach worm, Haemonchus longistipes. Elbihari S, et al. **Vet Parasitol** 1984 Sep;15(3-4):257-61

The survival in sheep and infectivity to dogs of Taenia hydatigena and T. ovis in sheep. Gemmell MA, et al. **Vet Parasitol** 1985 Mar;17(3):215-8

Maturation of Paramphistomum cervi in sheep in India. Gupta BC, et al. **Vet Parasitol** 1984 Sep;15(3-4):239-45

Effects of vasopressor drugs on number of Trypanosoma congolense in ruminant blood. Kalu AU, et al. **Vet Parasitol** 1985 Apr;17(4):287-94

Demonstration of viable Sarcocystis sporocysts in the faeces of a lamb dosed orally. Munday BL. **Vet Parasitol** 1985 Apr;17(4):355-7

Development and growth of Sarcocystis gigantea in experimentally-infected sheep. Munday BL, et al. **Vet Parasitol** 1984 Sep;15(3-4):203-11

Morphology of Sarcocystis gigantea in experimentally-infected sheep. Munday BL, et al. **Vet Parasitol** 1984 Nov;16(3-4):193-9

The impact of repeated doses of anthelmintic on the intensity of infection and age structure of Fasciola hepatica populations in sheep. Smith G. **Vet Parasitol** 1984 Oct; 16(1-2):107-15

The seasonal prevalence of inhibited development of Haemonchus contortus in sheep in Senegal. Vercruysse J. **Vet Parasitol** 1985 Jan;17(2):159-63

Parasitic liver damage in lambs with particular reference to the migrating larvae of Ascaris suum. Brown D, et al. **Vet Rec** 1984 Sep 22;115(12):300-3

Duration of tick activity [letter] Webster K, et al. **Vet Rec** 1985 Apr 6;116(14):378-9

Abnormal eggs of Trichuris ovis (Abildgaard 1795) (Nematoda: Trichuridae). Jansen J. **Z Parasitenkd** 1984; 70(6):827-8

Three new types of globidium of sheep: an in vivo and in vitro investigation. Sénaud J, et al. **Z Parasitenkd** 1984; 70(6):721-9

[Characterization of Teladorsagia circumcincta and T. trifurcata. I. Epidemiological and biological aspects] Cabaret J, et al. **Ann Parasitol Hum Comp** 1984; 59(6):607-17 (Eng. Abstr.) **(Fre)**

[Kinetics of the population of worms in various developmental stages, Haemonchus contortus in sheep after a single experimental infection] experimental infection] Dakkak A, et al. **Ann Rech Vet** 1984;15(4):475-82 (Eng. Abstr.) **(Fre)**

[The development of Sarcocystis arieticanis n. sp.] Heydorn AO. **Berl Munch Tierarztl Wochenschr** 1985 Jul 1; 98(7):231-41 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Susceptibility of cats, sheep, and swine to a rabbit isolate of Encephalitozoon cuniculi. Pang VF, et al. **Am J Vet Res** 1985 May;46(5):1071-7

Sale and processing of wool affected with dermatophilosis. Edwards JR. **Aust Vet J** 1985 May;62(5):173-4

Histopathology of experimental brucellosis in rams following vaccination with Brucella ovis. Rahaley RS, et al. **Aust Vet J** 1984 Nov;61(11):353-6

Differences between strains of Bacteroides nodosus in their effects on the severity of foot-rot, bodyweight and wool growth in Merino sheep. Stewart DJ, et al. **Aust Vet J** 1984 Nov;61(11):348-52

Morphological and hormonal features of an ovine and a caprine intersex. Bosu WT, et al. **Can J Comp Med** 1984 Oct;48(4):402-9

Firm udder in periparturient ewes with lymphocytic accumulations, retrovirus infection, and milk unavailable at the teat. Anderson BC, et al. **J Am Vet Med Assoc** 1985 Feb 15;186(4):391-3

Water deprivation-sodium chloride intoxication in a group of feeder lambs. Scarratt WK, et al. **J Am Vet Med Assoc** 1985 May 1;186(9):977-8

Border disease of sheep: spinal cord morphometry. Done JT, et al. **J Comp Pathol** 1985 Jul;95(3):325-33

A morphologic study of a mild form of ovine dermatosparaxis. Bavinton JH, et al. **J Invest Dermatol** 1985 May;84(5):391-5

Myocardial pathology of domestic ruminants in southern Africa. Newsholme SJ, et al. **J S Afr Vet Assoc** 1984 Jun; 55(2):89-96

Valsiekte (falling disease): a nervous disorder in lambs suspected of being caused by the plant Chrysocoma tenuifolia. Van der Vyver FH, et al. **J S Afr Vet Assoc** 1985 Jun;56(2):65-8

The abomasal histology of worm-free sheep given primary and challenge infections of Haemonchus contortus. Salman SK, et al. **Vet Parasitol** 1984 Oct;16(1-2):43-54

Lesions of spinal cord parelaphostrongylosis in sheep. Sequential changes following intramedullary larval migration. Jortner BS, et al. **Vet Pathol** 1985 Mar; 22(2):137-40

A chronic indurative mastitis in sheep, associated with maedi/visna virus infection. van der Molen EJ, et al. **Vet Q** 1985 Apr;7(2):112-9

The physical appearance of the vulva in ureaplasma infected ewes. McCaughey WJ, et al. **Vet Res Commun** 1985 Apr; 9(2):123-5

[Morphological changes in the genitalia of culled sheep] Dzhurova I, et al. **Vet Med Nauki** 1985;22(5):43-52 (Eng. Abstr.) **(Bul)**

[Pathomorphological studies of experimental echinococcosis in sheep] Svilenov D, et al. **Vet Med Nauki** 1984; 21(9):120-32 (Eng. Abstr.) **(Bul)**

[Dicrocoeliasis of sheep: studies of the pathogenesis and regeneration of the liver following therapy] Wolff K, et al. **Berl Munch Tierarztl Wochenschr** 1984 Oct 1; 97(10):378-87 (Eng. Abstr.) **(Ger)**

[Intestinal polyps in small ruminants with chronic coccidiosis] Tontis A, et al. **Schweiz Arch Tierheilkd** 1985 Jun; 127(6):401-5 (Eng. Abstr.) **(Ger)**

[Terminal ileitis in sheep] Tontis A. **Schweiz Arch Tierheilkd** 1984 Sep;126(9):489-93 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Haemonchus contortus and Ostertagia circumcincta: fenbendazole treatment and abomasal permeability changes in sheep. Dakkak A, et al. **Am J Vet Res** 1985 Jan; 46(1):209-11

Propionate loading test for liver function during experimental liver necrosis in sheep. Gröhn Y, et al. **Am J Vet Res** 1985 Apr;46(4):952-8

Pathophysiologic effects of experimentally induced Fascioloides magna infection in sheep. Stromberg BE, et al. **Am J Vet Res** 1985 Aug;46(8):1637-41

Effect of epididymitis on semen quality of rams. Bagley CV, et al. **J Am Vet Med Assoc** 1984 Oct 15;185(8):876-7

Reduced mating efficiency due to osteo-arthrosis in a ram. Terblanche SJ. **J S Afr Vet Assoc** 1985 Mar;56(1):39-41

Studies on the pathophysiology of chronic ovine haemonchosis in Merino and Scottish blackface lambs. Abbott EM, et al. **Parasitology** 1984 Dec;89 (Pt 3):585-96

Influence of dietary protein on the pathophysiology of ovine haemonchosis in Finn Dorset and Scottish Blackface lambs given a single moderate infection. Abbott EM, et al. **Res Vet Sci** 1985 Jan;38(1):54-60

Influence of dietary protein on parasite establishment and pathogenesis in Finn Dorset and Scottish Blackface lambs given a single moderate infection of Haemonchus contortus. Abbott EM, et al. **Res Vet Sci** 1985 Jan; 38(1):6-13

Effect of experimental Ostertagia circumcincta infection on the performance of grazing lambs. Coop RL, et al. **Res Vet Sci** 1985 May;38(3):282-7

Wool production of sheep chronically infected with Haemonchus contortus. Barger IA, et al. **Vet Parasitol** 1984 Aug;15(2):169-75

Productivity in sheep treated with diamphenethide at different times after infection with Fasciola hepatica. Hawkins CD. **Vet Parasitol** 1984 Aug;15(2):117-23

The effect of Sarcocystis tenella on wool growth in sheep. Munday BL. **Vet Parasitol** 1984 Aug;15(2):91-4

[Changes in the ECG telemetry of lambs infected with Cysticercus ovis] Kostov I, et al. **Vet Med Nauki** 1985; 22(6):56-61 (Eng. Abstr.) **(Bul)**

[Physiopathology of ovine ostertagiasis. Effects of experimental infection by Ostertagia circumscripta on various parameters as indicators of abomasum function] Dakkak A, et al. **Ann Rech Vet** 1984;15(3):319-24 (Eng. Abstr.) **(Fre)**

[Experimental infection of sheep with Salmonella abortus ovis: effect of the gestational stage] Sanchis R, et al. **Ann Rech Vet** 1984;15(1):97-103 (Eng. Abstr.) **(Fre)**

PREVENTION & CONTROL

Comparison of protection induced in lambs by Corynebacterium pseudotuberculosis whole cell and cell wall vaccines. Brogden KA, et al. **Am J Vet Res** 1984 Nov; 45(11):2393-5

A note on adult sheep vaccination with reduced dose of Brucella melitensis Rev 1. Blasco JM, et al. **Ann Rech Vet** 1984;15(4):553-6

Immunisation of sheep against experimental Pseudomonas aeruginosa dermatitis and fleece-rot associated body strike. Burrell DH. **Aust Vet J** 1985 Feb;62(2):55-7

The immunophysiological basis for vaccinating ruminants against mastitis. Colditz IG, et al. **Aust Vet J** 1985 May; 62(5):145-53 (81 ref.)

The treatment and eradication of sheep lice and ked with cyhalothrin--a new synthetic pyrethroid. Rundle JC, et al. **Aust Vet J** 1984 Dec;61(12):396-9

Differences between breeds of sheep in their responses to Bacteroides nodosus vaccines. Stewart DJ, et al. **Aust Vet J** 1985 Apr;62(4):116-20

The protection given by pilus and whole cell vaccines of Bacteroides nodosus strain 198 against ovine foot-rot induced by strains of different serogroups. Stewart DJ, et al. **Aust Vet J** 1985 May;62(5):153-9

Q-fever control in Cyprus--recent progress. Polydorou K. **Br Vet J** 1985 Jul-Aug;141(4):427-30

Protection from parainfluenza-3 virus and persistence of infectious bovine rhinotracheitis virus in sheep vaccinated with a modified live IBR-PI-3 vaccine. Lehmkuhl HD, et al. **Can J Comp Med** 1985 Jan;49(1):58-62

Protection of sheep against Schistosoma bovis using cryopreserved radiation-attenuated schistosomula. James ER, et al. **J Helminthol** 1985 Mar;59(1):51-5

An improved Corynebacterium pseudotuberculosis vaccine for sheep. Cameron CM, et al. **Onderstepoort J Vet Res** 1984 Dec;51(4):263-7

Formulation of an effective Pasteurella multocida vaccine for sheep. Cameron CM, et al. **Onderstepoort J Vet Res** 1984 Sep;51(3):189-91

Protection of lambs against enteric colibacillosis by vaccination of ewes. Pugh CA, et al. **Res Vet Sci** 1985 May;38(3):255-8

Control of ovine brucellosis in Najdi sheep in Saudi Arabia. Radwan AI, et al. **Trop Anim Health Prod** 1984 Nov;16(4):213-8

Chemoprophylaxis of Anaplasma ovis infection in sheep with a long-acting oxytetracycline. Sharma SP, et al. **Vet Parasitol** 1985 Mar;17(3):255-8

Some factors influencing the immunisation of sheep with irradiated Haemonchus contortus larvae. Sivanathan S, et al. **Vet Parasitol** 1984 Nov;16(3-4):313-23

Boluses of controlled release glass for supplementing ruminants with cobalt. Allen WM, et al. **Vet Rec** 1985 Feb 16;116(7):175-7

Use of pyrethroid impregnated tags in the control of sheep headfly disease. Appleyard WT, et al. **Vet Rec** 1984 Nov 3;115(18):463-4

Control of sheep scab and other sheep ectoparasites with propetamphos. Bramley PS, et al. **Vet Rec** 1984 Nov 3;115(18):460-3

Methods of copper supplementation [letter] MacPherson A. **Vet Rec** 1985 Mar 23;116(12):330

Methods of selenium supplementation of ruminants. MacPherson A, et al. **Vet Rec** 1984 Nov 24;115(21):544-6

Colouring for dips [letter] Murphy TM, et al. **Vet Rec** 1984 Sep 15;115(11):284

The ability of diamphenethide to control immature Fasciola hepatica in sheep at a lower than standard dose level. Rowlands DT, et al. **Vet Rec** 1985 Feb 16;116(7):182-4

[Immunoprophylaxis of listeriosis in sheep with a killed vaccine] Bŭrdarov I, et al. **Vet Med Nauki** 1985;22(6):13-9 (Eng. Abstr.) **(Bul)**

[Prevention of ruminal acidosis during the intensive fattening of weanling lambs] Malchevski M, et al. **Vet Med Nauki** 1985;22(2):50-8 (Eng. Abstr.) **(Bul)**

[Use of a concentrated and purified vaccine against chlamydial abortion in sheep] Martinov S, et al. **Vet Med Nauki** 1985;22(5):25-31 (Eng. Abstr.) **(Bul)**

[Trial, in a contaminated environment, of an attenuated lyophilized vaccine against S. abortus ovis abortion in sheep] Sanchis R, et al. **Ann Rech Vet** 1984;15(3):381-6 (Eng. Abstr.) **(Fre)**

[Contribution of the OIE to controlling animal brucellosis on a world-wide scale. Office International des Epizooties] Blajan L. **Dev Biol Stand** 1984;56:21-40 **(Fre)**

[Control of animal brucellosis in France] Dufrêne P. **Dev Biol Stand** 1984;56:719-25 **(Fre)**

[Immunization of ewes and she-goats against experimental Brucella melitensis infection. A comparison of REV 1 and H 38 vaccines] Gaumont R, et al. **Dev Biol Stand** 1984;56:629-42 **(Fre)**

[Brucella vaccination administered via the conjunctiva] Plommet M, et al. **Dev Biol Stand** 1984;56:681-7 **(Fre)**

[Use of vaccine H 38 in preventing bovine and ovine brucellosis in France] Thillerot M, et al. **Dev Biol Stand** 1984;56:689-96 **(Fre)**

[Usefulness of febantel for the inhibition of the 'spring rise' phenomenon in sheep] Zarnowski E, et al. **Wiad Parazytol** 1984;30(4):483-7 (Eng. Abstr.) **(Pol)**

SURGERY

Treatment of gid [letter] Daly PJ. **Vet Rec** 1985 Jan 12;116(2):59

Coenuriasis in sheep [letter] Kirby B. **Vet Rec** 1984 Nov 17;115(20):526

Diagnosis and treatment of coenuriasis (gid) in sheep. Skerritt GC, et al. **Vet Rec** 1984 Oct 20;115(16):399-403

THERAPY

Blood transfusion as a treatment of anaemia in lambs [letter] Wain EB, et al. **Vet Rec** 1985 May 11;116(19):527

TRANSMISSION

Role of insects in the transmission of bovine leukosis virus: potential for transmission by stable flies, horn flies, and tabanids. Buxton BA, et al. **Am J Vet Res** 1985 Jan;46(1):123-6

Possible origin of human AIDS [letter] Mackie ID, et al. **Can Med Assoc J** 1985 Sep 15;133(6):547-8

Q fever and experimental sheep. From the International Council for Laboratory Animal Science. Grant CG, et al. **Infect Control** 1985 Mar;6(3):122-3

Transmission of a malignant catarrhal fever-like syndrome to sheep: preliminary experiments. Buxton D, et al. **Res Vet Sci** 1985 Jan;38(1):22-9

Attempted venereal transmission of Chlamydia psittaci in sheep. Appleyard WT, et al. **Vet Rec** 1985 May 18;116(20):535-8

Autumn nematodiriasis [letter] Hosie BD. **Vet Rec** 1984 Dec 22-29;115(25-26):666-7

Infection of lambs with caprine arthritis encephalitis virus by feeding milk from infected goats [letter] Oliver R, et al. **Vet Rec** 1985 Jan 19;116(3):83

[Role of vertical transmission and seminal fluid in the infectious leukemia process] Tsutsumanski V, et al. **Vet Med Nauki** 1984;21(7-8):62-7 (Eng. Abstr.) **(Bul)**

[Agricultural animals as a source of yersiniosis] Kolos EN, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):77-80 (Eng. Abstr.) **(Rus)**

SHELLFISH

see related

CLAMS
CRABS
CRAYFISH
LOBSTERS
MUSSELS
OYSTERS
SHRIMP

Faecal pollution and shellfish hygienic condition. Volterra L, et al. **Ann Ist Super Sanita** 1983;19(2-3):317-21

An epidemic of cockles-associated hepatitis A in Singapore. Goh KT, et al. **Bull WHO** 1984;62(6):893-7

Bacteria in bivalve shellfish with special reference to the oyster. Kueh CS, et al. **J Appl Bacteriol** 1985 Jul;59(1):41-7

The microbiology of cooked prawns and shrimps on retail sale. Greenwood MH, et al. **J Hyg (Lond)** 1985 Jun;94(3):319-26

Vibrio vulnificus. Man and the sea. Johnston JM, et al. **JAMA** 1985 May 17;253(19):2850-3

Clinical features of sporadic non-A, non-B hepatitis possibly associated with faecal-oral spread [letter] Caredda F, et al. **Lancet** 1985 Aug 24;2(8452):444-5

NAG Vibrio cholerae isolated from imported shellfish in Guam. Haddock RL, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar;16(1):113-6

[Microflora of sea shellfish] Grigor'ev IuI, et al. **Gig Sanit** 1984 Dec;(12):64-5 **(Rus)**

[Antigen of hepatitis A virus detected in shellfish using the ELISA test] Zivanović-Marinković V, et al. **Vojnosanit Pregl** 1984 Jul-Aug;41(4):263-5 **(Scr)**

[Bacteriological study of bivalves of the Gulf of Nicoya, Costa Rica. II. State of the mollusk at the time of eating it] Fernández B, et al. **Rev Biol Trop** 1983 Nov;31(2):311-6 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Identification of crustacea allergens by crossed radioimmunoelectrophoresis. Lehrer SB, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):192-4

Allergic contact urticaria caused by raw prawns and shrimps: three cases. Nagano T, et al. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 1):489-93

Pigless pigbel: enteritis necroticans in the Solomon Islands. Eason RJ, et al. **Papua New Guinea Med J** 1984 Mar;27(1):42-4

ANALYSIS

Partition coefficients as a measure of bioconcentration potential of crude oil compounds in fish and shellfish. Ogata M, et al. **Bull Environ Contam Toxicol** 1984 Nov;33(5):561-7

Evaluation of laboratory performance of the AOAC method for PSP toxin in shellfish. Adams WN, et al. **J Assoc Off Anal Chem** 1984 Nov-Dec;67(6):1147-8

Indirect enzyme-linked immunosorbent assay for saxitoxin in shellfish. Chu FS, et al. **J Assoc Off Anal Chem** 1985 Jan-Feb;68(1):13-6

Trace metal residues in shellfish from Maryland waters, 1976-1980. Eisenberg M, et al. **J Environ Sci Health [B]** 1984 Oct;19(7):649-71

Organochlorine residues in shellfish from Maryland waters, 1976-1980. Eisenberg M, et al. **J Environ Sci Health [B]** 1984 Oct;19(7):673-88

A combination fluorescence assay and Folin-Ciocalteau phenol reagent assay for the detection of paralytic shellfish poisons. Mosley S, et al. **Toxicon** 1985;23(3):375-81

POISONING

Control of food poisoning risks associated with shellfish. West PA, et al. **J R Soc Health** 1985 Feb;105(1):15-21

SHELTERED WORKSHOPS

Observing executive activity in a simple assembly task. Lawson MJ. **Am J Ment Defic** 1985 May;89(6):642-9

A five-year follow-up of sheltered workshop employees placed in competitive jobs. Brickey MP, et al. **Ment Retard** 1985 Apr;23(2):67-73

[Role of the sheltered workshop in rehabilitation] Uibe P, et al. **Z Gesamte Hyg** 1984 Nov;30(11):638-40 (Eng. Abstr.) **(Ger)**

[Prolonged vocational rehabilitation of severely mentally retarded students in trade schools] Pilecka O. **Psychiatr Pol** 1984 Sep-Oct;18(5):439-43 (Eng. Abstr.) **(Pol)**

ORGANIZATION & ADMINISTRATION

Which clients should a sheltered workshop serve? **Hastings Cent Rep** 1984 Oct;14(5):52-4

SHIGELLA

see related

DYSENTERY, BACILLARY

CLASSIFICATION

DNA hybridization technique to detect Shigella species and enteroinvasive escherichia coli. Boileau CR, et al. **J Clin Microbiol** 1984 Nov;20(5):959-61

Evaluation of the API latex conjugate reagent for serological typing of Salmonella and Shigella species. Cleary TJ. **J Clin Microbiol** 1984 Aug;20(2):288-9

Usefulness of plasmid profiles for differentiation of Shigella isolates in Bangladesh. Tacket CO, et al. **J Clin Microbiol** 1984 Aug;20(2):300-1

Addition of three new serotypes of Shigella boydii to the Shigella schema. Wathen-Grady HG, et al. **J Clin Microbiol** 1985 Jan;21(1):129-32

Shigellosis in Ethiopia. I. Prevalent Shigella serogroups and serotypes. Gebre-Yohannes A, et al. **J Diarrhoeal Dis Res** 1984 Jun;2(2):79-82

[Bacterial antigenic polysaccharides. 12. Structure and 13C NMR spectrum of the polysaccharide chain of Shigella boydii type 8 lipopolysaccharide] L'vov VL, et al. **Bioorg Khim** 1983 Jan;9(1):60-73 (Eng. Abstr.) **(Rus)**

[Effect of specimen workup on detection of Shigella antigens] Nurkina NM, et al. **Lab Delo** 1985;(4):232-5 (Eng. Abstr.) **(Rus)**

[Shigella serotypes isolated July-October 1983 and their antibiotic sensitivity] Ozsoy K, et al. **Mikrobiyol Bul** 1985 Apr;19(2):73-87 (Eng. Abstr.) **(Tur)**

DRUG EFFECTS

Plasmid-mediated drug resistance of shigellae in Kuwait. Chugh TD, et al. **Antonie Van Leeuwenhoek** 1985;51(2):241-7

Comparison of the in vitro activity of ciprofloxacin (Bay o 9867) and norfloxacin against gastrointestinal tract pathogens [letter] Diez-Enciso M, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):367

Transmissible antibiotic resistance among Shigella species. Agarwal SK, et al. **Indian J Med Res** 1984 Oct;80:402-8

Serotype prevalence and antibiotic susceptibility of Shigella strains isolated in Malaysia during 1980 and 1981. Jegathesan M. **J Diarrhoeal Dis Res** 1984 Jun;2(2):102-4

GENETICS

Aerobactin genes in Shigella spp. Lawlor KM, et al. **J Bacteriol** 1984 Oct;160(1):266-72

[Characteristics of R plasmids expressed by dysenteric bacteria] Shishkina ZV, et al. **Antibiot Med Biotekhnol** 1985 May;30(5):348-51 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Studies of human milk. II. Concentration of antibodies against Salmonella and Shigella in milk of women from different populations and the daily intake by their breast-fed infants. Cruz JR, et al. **Acta Paediatr Scand** 1985 May;74(3):338-41

Sialic acids of a new type from the lipopolysaccharides of Pseudomonas aeruginosa and Shigella boydii. Knirel YA, et al. **Carbohydr Res** 1984 Oct 15;133(2):C5-8

[Analysis of the seasonality of acute intestinal diseases with regard to the detection of dysentery by antigen indication] Karal'nik BV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Aug;(8):37-40 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Incidence of shigellosis among paediatric diarrhoeal disorders (a bacteriological study). Sultana CM, et al. **J Indian Med Assoc** 1984 Aug;82(8):279-81

Detection of classic and invasive E. coli and Shigella serotypes in stools by indirect immunofluorescence. Dias W de O, et al. **Rev Inst Med Trop Sao Paulo** 1984 Nov-Dec;26(6):295-300

[Presence of Salmonellas and Shigellas in a school population] Goiriena de Gandarias J, et al. **Rev Sanid Hig Publica (Madr)** 1983 Nov-Dec;57(11-12):1161-74 (Eng. Abstr.) **(Spa)**

[Species of Shigella isolated in a 4-year period and antimicrobial sensitivity] López-Brea M, et al. **Rev Sanid Hig Publica (Madr)** 1984 Jan-Feb;58(1-2):151-8 (Eng. Abstr.) **(Spa)**

METABOLISM

Studies of metabolites in diarrheal stool specimens containing Shigella species by frequency-pulsed electron capture gas-liquid chromatography. Brooks JB, et al. **J Clin Microbiol** 1985 Apr;21(4):599-606

PATHOGENICITY

Shigella toxin and the pathogenesis of shigellosis. Keusch GT, et al. **Ciba Found Symp** 1985;112:193-214

Large plasmids associated with virulence in Shigella species have a common function necessary for epithelial cell penetration. Watanabe H, et al. **Infect Immun** 1985 Apr;48(1):260-2

Modified enzyme-linked immunosorbent assay for detecting enteroinvasive Escherichia coli and virulent Shigella strains. Pál T, et al. **J Clin Microbiol** 1985 Mar;21(3):415-8

[Conditions and factors determining the etiological structure of dysentery and its alterations. III. The epidemiological assessment of the biological properties of Shigella and their importance in the development of the epidemic process in different nosological forms of dysentery] Solodovnikov IuP. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):109-14 **(Rus)**

PHYSIOLOGY

Ionic, hydrophobic, and hemagglutinating properties of Shigella species [letter] Kabir S, et al. **J Infect Dis** 1985 Jan;151(1):194

SHIGELLA BOYDII see under **SHIGELLA**

SHIGELLA DYSENTERIAE

ANALYSIS

Immunoblotting procedure for the analysis of electrophoretically-fractionated bacterial lipopolysaccharide. Sturm S, et al. **Arch Microbiol** 1984 Dec;140(2-3):198-201

[Molecular structure of the O-specific polysaccharide of Shigella dysenteriae type 2] Nikitin IV, et al. **Dokl Akad Nauk SSSR** 1984;278(5):1133-7 **(Rus)**

CLASSIFICATION

A new provisional serovar of Shigella dysenteriae. Shmilovitz M, et al. **J Clin Microbiol** 1985 Feb;21(2):240-2

DRUG EFFECTS

Plasmid characterization of drug-resistant Shigella dysenteriae 1 from an epidemic in Central Africa. Frost JA, et al. **J Hyg (Lond)** 1985 Apr;94(2):163-72

Nalidixic-acid-resistant Shigella dysenteriae 1 [letter] Panhotra BR, et al. **Lancet** 1985 Mar 30;1(8431):763

GENETICS

Expression of lipopolysaccharide O antigen in Escherichia coli K-12 hybrids containing plasmid and chromosomal genes from Shigella dysenteriae 1. Hale TL, et al. **Infect Immun** 1984 Nov;46(2):470-5

Small virulence plasmid of Shigella dysenteriae 1 strain W30864 encodes a 41,000-dalton protein involved in formation of specific lipopolysaccharide side chains of serotype 1 isolates. Watanabe H, et al. **Infect Immun** 1984 Oct;46(1):55-63

IMMUNOLOGY

[Theoretical conformation analysis of specific O-antigenic polysaccharides. Polysaccharide of Shigella dysenteriae of serotype 2] Lipkind GM, et al. **Bioorg Khim** 1983 Nov;9(11):1568-77 (Eng. Abstr.) **(Rus)**

SHIGELLA FLEXNERI

CLASSIFICATION

[A new serotype of Shigella flexneri in Czechoslovakia?] Gaislerová V, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 Feb;34(1):44-7 (Eng. Abstr.) **(Cze)**

[Unusual serovar of the causative agent of Flexner's dysentery. I. Its distribution and biochemical properties] Priamukhina NS, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):63-7 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

[Antibiotic resistance in the isolates of Shigella flexneri type 2 associated with the 'shrimp epidemic'] van Klingeren B, et al. **Ned Tijdschr Geneeskd** 1985 May 11;129(19):890-2 (Eng. Abstr.) **(Dut)**

GENETICS

Cloning the gene for Congo red binding in Shigella flexneri. Daskaleros PA, et al. **Infect Immun** 1985 Apr;48(1):165-8

Synthesis of aerobactin and a 76,000-dalton iron-regulated outer membrane protein by Escherichia coli K-12-Shigella flexneri hybrids and by enteroinvasive strains of Escherichia coli. Griffiths E, et al. **Infect Immun** 1985 Jul;49(1):67-71

Cloning and characterization of recA genes froM Proteus vulgaris, Erwinia carotovora, Shigella flexneri, and Escherichia coli B/r. Keener SL, et al. **J Bacteriol** 1984 Oct;160(1):153-60

Analysis of mobilization elements in plasmids from Shigella flexneri. Roessler E, et al. **J Bacteriol** 1985 Mar;161(3):1233-5

[The conjugation system determined by plasmid R477 and other plasmids belonging to the H2 incompatibility group] Cavazza ME, et al. **Rev Latinoam Microbiol** 1984 Jan-Mar;26(1):61-8 (Eng. Abstr.) **(Spa)**

GROWTH & DEVELOPMENT

Plaque formation by virulent Shigella flexneri. Oaks EV, et al. **Infect Immun** 1985 Apr;48(1):124-9

IMMUNOLOGY

Protective properties of peptidoglycan associated protein of Shigella flexneri. Mulczyk M, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(5):631-5

Rabbit antisera against three different bacteria which can induce reactive arthritis: analysis by ELISA, immunoprecipitation and Western Blot. Ogasawara M, et al. **Immunology** 1985 Apr;54(4):665-76

Oral vaccination of monkeys with an invasive Escherichia coli K-12 hybrid expressing Shigella flexneri 2a somatic antigen. Formal SB, et al. **Infect Immun** 1984 Nov;46(2):465-9

Effect of antigen form on local immunoglobulin A memory response of intestinal secretions to Shigella flexneri. Keren DF, et al. **Infect Immun** 1985 Jan;47(1):123-8

Cytotoxicity of human peripheral blood and colostral leukocytes against Shigella species. Morgan DR, et al. **Infect Immun** 1984 Oct;46(1):25-33

[Synthesis of oligosaccharide fragments of O-specific Shigella flexneri polysaccharides. II. Synthesis of trisaccharide Glc alpha1----3RHa alpha1----2Rha alpha1----OMe and tetrasaccharide GlcNAc beta1----2(Llc alpha1----3)Rha alpha1----2Rh alpha1----OMe] Bakinovskii LV, et al. **Bioorg Khim** 1985 Feb;11(2):254-63 (Eng. Abstr.) **(Rus)**

[Synthesis of oligosaccharide fragments of O-specific polysaccharides of Shigella flexneri. III. Synthesis of the tetrasaccharide Glc alpha 1-3Rha alpha 1-2(Glc alpha 1-3)Rha alpha 1-OMe and the pentasaccharide GlcNAc beta 1-2(Glc alpha 1-3)Rha alpha 1-2(Glc alpha 1-3)Rha alpha 1-OMe] Bakinovskii LV, et al. **Bioorg Khim** 1985 May;11(5):655-61 (Eng. Abstr.) **(Rus)**

[Immunochemical analysis of oligosaccharide fragments of O-specific Shigella flexneri polysaccharides] Iankina NF, et al. **Bioorg Khim** 1984 Oct;10(10):1421-2 (Eng. Abstr.) **(Rus)**

[Theoretical conformation analysis of tetrasaccharide-repeated links of the Shigella flexneri O-antigenic polysaccharide] Lipkind GM, et al. **Bioorg Khim** 1985 Apr;11(4):539-49 (Eng. Abstr.) **(Rus)**

[Identification of specific antibodies in dysentery] Bunin KV, et al. **Sov Med** 1984;(10):19-22 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

[Clinical observations during an epidemic caused by Shigella flexneri] van Spreeuwel JP, et al. **Ned Tijdschr Geneeskd** 1985 May 11;129(19):899-903 (Eng. Abstr.) **(Dut)**

PATHOGENICITY

Cloning of plasmid DNA sequences involved in invasion of HeLa cells by Shigella flexneri. Maurelli AT, et al. **Infect Immun** 1985 Jul;49(1):164-71

[Cathepsin D activity in splenocytes in relation to Shigella virulence in an experiment] Belaia IuA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):72-6 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

The effect of postnatal age on the adherence of Shigella flexneri, Escherichia coli 0124, and E. coli 0128 to guinea pig intestinal cells. Ashkenazi S, et al. **Pediatr Res** 1984 Dec;18(12):1366-71

ULTRASTRUCTURE

Glycocalyx visualization in Shigella flexneri. Mora-Galindo J, et al. **Arch Invest Med (Mex)** 1984 Jul-Sep;15(3):215-22 **(Eng, Spa)**

[Structural characteristics of the remote interaction of Shigella and Salmonella with enterocytes of experimental animals] Koval'chuk VK, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):68-72 (Eng. Abstr.) **(Rus)**

SHIGELLA INFECTIONS see **DYSENTERY, BACILLARY**

SHIGELLA SONNEI

Effects of different bacterial endotoxins on the drinking behaviour of the rat. Foca' A, et al. **G Batteriol Virol Immunol** 1984 Jan-Jun;77(1-6):9-18

Shigella sonnei endotoxin reduces arterial blood pressure but does not alter pituitary pro-opiocortin cleavage and corticosterone release in the rat. Saija A, et al. **Res Commun Chem Pathol Pharmacol** 1984 Aug;45(2):313-6

[Bacterial lipopolysaccharides: comparative analysis of the cardiovascular effects of E. coli, S. sonnei and Y. enterocolitica in anesthetized rats] Altavilla D, et al. **G Batteriol Virol Immunol** 1983 Jan-Jun;76(1-6):20-4 (Eng. Abstr.) **(Ita)**

[Comparative pharmacological analysis of the mechanisms of thrombocyte aggregation induced by bacterial toxins and ADP] Brill' GE, et al. **Farmakol Toksikol** 1985 Mar-Apr;48(2):82-5 (Eng. Abstr.) **(Rus)**

ANALYSIS

The purification of the peptidoglycan associated protein of Shigella sonnei phase I by chromatofocusing. Adamus G, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(4):489-92

Immunoblotting procedure for the analysis of electrophoretically-fractionated bacterial lipopolysaccharide. Sturm S, et al. **Arch Microbiol** 1984 Dec;140(2-3):198-201

Fifty-four Shigella sonnei colicin types and their typing by specific indicator strains. Horák V. **Folia Microbiol (Praha)** 1985;30(1):76-9

CLASSIFICATION

[Combined use of microbiological methods for the intraspecific differentiation of Shigella sonnei. II. The role of S. sonnei strains belonging to unclassifiable phagotypes in the etiology of dysentery in the People's Republic of Bulgaria] Trifonova A, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):45-9 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Sequence specificity of isolated DNA-adenine methylases from Mycobacterium smegmatis (butyricum) and Shigella sonnei 47 cells. Nikolskaya II, et al. **Biochem Int** 1985 Mar;10(3):405-13

Isoelectric focusing of bacterial DNA methylases. Nikolskaya II, et al. **Biochem Int** 1983 Nov;7(5):605-15

Sequence specificity of isolated DNA-cytosine methylases from Shigella sonnei 47 cells. Nikolskaya II, et al. **Biochem Int** 1984 Dec;9(6):771-81

Isolation of adenosine 5'-diphosphate-L-glycero-D-mannoheptose, the assumed substrate of heptose transferase(s), from Salmonella minnesota R595 and Shigella sonnei Re mutants. Kocsis B, et al. **J Biol Chem** 1984 Oct 10;259(19):11858-60

[Determination of the adenine-specific methylase recognition site of Shigella sonnei 47, using hydrazinolysis with subsequent separation of purine oligonucleotides by thin layer chromatography on DEAE- cellulose.] Lopatina NG, et al. **Biokhimiia** 1985 Mar;50(3):495-502 (Eng. Abstr.) **(Rus)**

[Restriction endonucleases from Shigella sonnei 47] Uporova TM, et al. **Vopr Med Khim** 1985 Mar-Apr;31(2):131-6 (Eng. Abstr.) **(Rus)**

GENETICS

Characterization of a mini plasmid isolated from Shigella sonnei. Sugiura S, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1193-204

IMMUNOLOGY

Cytotoxicity of human peripheral blood and colostral leukocytes against Shigella species. Morgan DR, et al. **Infect Immun** 1984 Oct;46(1):25-33

Experiences with serology of Plesiomonas shigelloides. 1. O-antigenic structure. Aldová E. **J Hyg Epidemiol Microbiol Immunol** 1985;29(2):201-10

[Identification of specific antibodies in dysentery] Bunin KV, et al. **Sov Med** 1984;(10):19-22 (Eng. Abstr.) **(Rus)**

[Biological properties of a ribosomal vaccine from S. sonnei obtained by polyethylene glycol fractionation] Levenson VI, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):77-81 (Eng. Abstr.) **(Rus)**

[Systemic immunological memory in enteral immunization with the O antigen from S. sonnei] Liubinskaia MM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):101-5 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Clonal distribution of multiple-drug-resistant Shigella sonnei strains: identification by means of plasmid pattern analysis. Tietze E, et al. **Ann Microbiol (Paris)** 1984 Sep-Oct;135B(2):155-64

Improved enrichment for recovery of Shigella sonnei from foods. Mehlman IJ, et al. **J Assoc Off Anal Chem** 1985 May-Jun;68(3):552-5

PATHOGENICITY

[Cathepsin D activity in splenocytes in relation to Shigella virulence in an experiment] Belaia IuA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):72-6 (Eng. Abstr.) **(Rus)**

SHIKIMIC ACID

BIOSYNTHESIS

The biosynthesis of shikimate metabolites. Dewick PM. **Nat Prod Rep** 1984 Oct;1(5):451-69 (132 ref.)

SHINGLES see **HERPES ZOSTER**

SHIPPING FEVER see under **PASTEURELLA INFECTIONS**

SHIPS

Control of styrene vapor in a large fiberglass boat manufacturing operation. Todd WF, et al. **Am Ind Hyg Assoc J** 1984 Dec;45(12):817-25

An investigation of bias in a study of nuclear shipyard workers. Greenberg ER, et al. **Am J Epidemiol** 1985 Feb; 121(2):301-8

Mortality studies of dockyard workers (longshoremen) in Italy. Bonassi S, et al. **Am J Ind Med** 1985;7(3):219-27

An analysis of mooring accidents on the Polish Ocean Lines ships in 1975-80. Preventive recommendations. Dankiewicz-Sznajder J. **Bull Inst Marit Trop Med Gdynia** 1983;34(3-4):173-9

An anthropometric aspect of optimization of working spaces aboard a ship. Dankiewicz-Sznajder J. **Bull Inst Marit Trop Med Gdynia** 1983;34(1-2):81-8

Vigilance variations studied with electroencephalography. Dolmierski R, et al. **Bull Inst Marit Trop Med Gdynia** 1983; 34(1-2):41-8

Medical aspects of the survival of shipwrecked crewmen of the m/s 'Kudowa Zdrój'. Renke W. **Bull Inst Marit Trop Med Gdynia** 1983;34(1-2):23-9

Modern aspects of hygienic standardization of ship noise. Sten'ko YM, et al. **Bull Inst Marit Trop Med Gdynia** 1983; 34(3-4):159-64

Evaluation of anthropometric parameters related to the man-ship ergonomic system. Sten'ko YM, et al. **Bull Inst Marit Trop Med Gdynia** 1983;34(1-2):73-80

Studies on the state of health of the workers employed at the trans-shipment of aluminium oxide in the port of Gdynia. Tomaszewski R, et al. **Bull Inst Marit Trop Med Gdynia** 1983;34(1-2):54-62

Hygienic aspects for preventing diseases of seamen in modern vessels. Voitenko AM. **Bull Inst Marit Trop Med Gdynia** 1983;34(1-2):67-71

Survey of insecticide resistance in Blattella germanica (L.) from Polish sea-going ships. Wegner Z, et al. **Bull Inst Marit Trop Med Gdynia** 1983;34(1-2):101-9

Cancer occurrence in shipyard workers exposed to asbestos in Hawaii. Kolonel LN, et al. **Cancer Res** 1985 Aug; 45(8):3924-8

Asbestosis, pulmonary symptoms and functional impairment in shipyard workers. Kilburn KH, et al. **Chest** 1985 Aug; 88(2):254-9

Hours at work at sea: watchkeeping schedules, circadian rhythms and efficiency. Colquhoun WP. **Ergonomics** 1985 Apr;28(4):637-53

Hazards from sinking of ships with U cargo [letter] Cohen BL. **Health Phys** 1985 Aug;49(2):318-9

Adjustment of the oral temperature rhythm to a fixed watchkeeping system on board ship. Condon R, et al. **Int Arch Occup Environ Health** 1984;54(2):173-80

Mortality in lung and gastrointestinal cancer among shipyard workers. Sandén A, et al. **Int Arch Occup Environ Health** 1985;55(4):277-83

William Augustus Newell, M.D., and the Life Saving Service. Guthorn PJ. **J Med Soc NJ** 1984 Sep;81(9):769-72

The health of British trawlermen on the Arctic fishing grounds. Cross T. **J Soc Occup Med** 1985 May;35(2):55-61

Toxic effects of marine plywood [letter] Gidseg G. **JAMA** 1985 Feb 15;253(7):980-1

Use of health services by merchant seamen. Kelman HR, et al. **NY State J Med** 1985 Jan;85(1):14-7

Why the islands move. Hutchins E, et al. **Perception** 1984; 13(5):629-32

'Love Boat' hepatitis [letter] Gordon SC, et al. **South Med J** 1985 Sep;78(9):1142-3

[A paraplegic skipper of his own sailing yacht] Christians U. **Rehabilitation (Stuttg)** 1985 May;24(2):96-9 (Eng. Abstr.) **(Ger)**

[Hygienic evaluation of the working facilities for the purification and decontamination of waste water on ships] Sidenko VP, et al. **Gig Sanit** 1984 Nov;(11):18-21 (Eng. Abstr.) **(Rus)**

[Effect of ship noise on the rate of free associations in sailors during long sea voyages] Volkov AA, et al. **Gig Sanit** 1985 Feb;(2):82-3 **(Rus)**

[Detection of arterial hypertension in female workers employed in the ship repair industry] Libenzon RT, et al. **Sov Zdravookhr** 1985;(1):33-5 **(Rus)**

[Aboard ship--an occupation and a life style in transition] Brochmann JH, et al. **Nord Med** 1985;100(2):54-9 (Eng. Abstr.) **(Swe)**

STANDARDS

[Medical control of microclimate in ship's cabins] Bukharin EA, et al. **Voen Med Zh** 1985 Jan;(1):55-7 **(Rus)**

SHIVERING

Postanesthetic shivering in primates: inhibition by peripheral heating and by taurine. Murphy MT, et al. **Anesthesiology** 1985 Aug;63(2):161-5

A model of shivering thermogenesis based on the neurophysiology of thermoreception. Mekjavic IB, et al. **IEEE Trans Biomed Eng** 1985 Jun;32(6):407-17

[Reasons for the occurrence of chills during hemosorption and the measures for their prevention] Bulakh AD, et al. **Klin Khir** 1985 Mar;(3):50-2 **(Rus)**

[Postanesthetic shivering] González de Zárate Apiñániz J, et al. **Rev Esp Anestesiol Reanim** 1985 Jan-Feb;32(1):30-6 (Eng. Abstr.) **(Spa)**

SHOCK

Proceedings of the First International Conference on the Basic Mechanisms and Clinical Management of Shock. **Am J Emerg Med** 1984 Jan;2(1):1-107

Dengue shock syndrome. An evaluation of clinical experiences. Munir M, et al. **Paediatr Indones** 1984 Nov-Dec;24(11-12):254-64

[Shock] Novák I. **Cesk Pediatr** 1984 Nov;39(11):662-6 (Eng. Abstr.) **(Cze)**

BLOOD

Lactate and shock [letter] Campbell IT. **Anaesthesia** 1984 Dec;39(12):1259

Toxic factors in shock. Haglund U. **Z Med Lab Diagn** 1985; 26(4):183-7

[Animal experiments on blood alcohol curves in shock] Brettel HF, et al. **Blutalkohol** 1984 Jul;21(4):338-46 (Eng. Abstr.) **(Ger)**

[Significance of indices of plasma osmolarity in clinical practice] Slepushkin VD. **Klin Med (Mosk)** 1984 Jul; 62(7):62-5 **(Rus)**

CHEMICALLY INDUCED

Circulatory shock following intravenous propoxyphene poisoning. An experimental study of cardiac function and metabolism in pentobarbital-anesthetized pigs. Bredgaard Sørensen M, et al. **Acta Anaesthesiol Scand** 1985 Jan; 29(1):130-6

Acute myocardial effects of chloramphenicol in newborn pigs: a possible insight into the gray baby syndrome. Werner JC, et al. **J Infect Dis** 1985 Aug;152(2):344-50

Sudden collapse after intra-amniotic prostaglandin E2 injection [letter] Cameron IT, et al. **Lancet** 1984 Nov 3; 2(8410):1046-7

[Low-heart-rate collapse in 2 newborn infants from mothers treated with beta-blockers (letter)] Brosset P, et al. **Presse Med** 1985 Jan 19;14(2):105-6 **(Fre)**

[Shock after periarticular injection of cortivazol (letter)] Volle L, et al. **Presse Med** 1985 Jun 29;14(26):1432 **(Fre)**

[A case of shock by pretesting of contrast media] Kwak R. **Rinsho Hoshasen** 1985 Mar;30(3):407-9 (Eng. Abstr.) **(Jpn)**

COMPLICATIONS

The hypoxic response to hypovolemia. Metzger H, et al. **Adv Exp Med Biol** 1984;180:599-607

Importance of hypovolaemic shock and endoscopic signs in predicting recurrent haemorrhage from peptic ulceration: a prospective evaluation. Bornman PC, et al. **Br Med J [Clin Res]** 1985 Jul 27;291(6490):245-7

The effect of prophylactic heparinization on DIC arising from transitory circulatory arrest in dogs. Takemoto Y, et al. **Circ Shock** 1985;15(2):131-9

Shock and terminal pancreatitis. Becker V, et al. **Pathol Res Pract** 1985 Mar;179(4-5):512-6

Chest injury complicated by shock induced necrosis of the colon. Ashour M. **Thorax** 1985 Jul;40(7):556-7

[Study of organ function in patients with acute respiratory failure after shock] Kazda A, et al. **Cas Lek Cesk** 1985 Jan 4;124(1):22-6 (Eng. Abstr.) **(Cze)**

[Hypoglycemia, jaundice and shock complicating relapsing fever] Alkan M, et al. **Harefuah** 1984 Jun 1;106(11):508-9 (Eng. Abstr.) **(Heb)**

DIAGNOSIS

Differential diagnosis of hypovolemic shock. Rush BF Jr. **Am J Emerg Med** 1984 Jan;2(1):82-5

Detection of blood volume deficits through conjunctival oxygen tension monitoring. Abraham E, et al. **Crit Care Med** 1984 Nov;12(11):931-4

Diagnosis and treatment of haemorrhage and shock in musculoskeletal trauma. Anderson MG. **Ethiop Med J** 1985 Jan;23(1):43-7

End-tidal CO2 and tissue pH in the monitoring of acid-base changes: a composite technique for continuous, minimally invasive monitoring. Das JB, et al. **J Pediatr Surg** 1984 Dec;19(6):758-63

DRUG THERAPY

Naloxone in shock and toxic coma. Chen HL. **Am J Emerg Med** 1984 Sep;2(5):444-52 (109 ref.)

Opiate antagonists in shock and trauma. Holaday JW. **Am J Emerg Med** 1984 Jan;2(1):8-12

Histamine antagonists in the treatment of shock hyperglycemia in the rat. Dimlich RV. **Ann Emerg Med** 1985 Feb;14(2):91-6

Use and misuse of vasoactive agents in acute circulatory failure. Vincent JL. **Arch Int Physiol Biochim** 1984 Nov; 92(4):S5-9

Immediate hemodynamic effects of high-dose furosemide in normovolemic and hypovolemic dogs. Poulton TJ, et al. **Crit Care Med** 1985 May;13(5):420-2

A comparison of dopamine, dobutamine and isoproterenol in the treatment of shock. Worthley LI, et al. **Intensive Care Med** 1985;11(1):13-9

Cimetidine therapy for burn shock: a quantitative assessment. Boykin JV Jr, et al. **J Trauma** 1985 Sep;25(9):864-70

Naloxone does not prevent death after rapid hemorrhage in swine. Traverso LW, et al. **Surg Gynecol Obstet** 1985 Sep; 161(3):229-39

Substitution of antithrombin III in shock and DIC: a randomized study. Blauhut B, et al. **Thromb Res** 1985 Jul 1;39(1):81-9

[Shock and the administration of naloxone] Jolivet M, et al. **Union Med Can** 1984 Sep;113(9):783-5 (Eng. Abstr.) **(Fre)**

[Naloxone and endogenous opiates in shock] Nielsen JV, et al. **Lakartidningen** 1984 Oct 10;81(41):3717-8 **(Swe)**

ENZYMOLOGY

[Arachidonic acid metabolites and shock] Förster W. **Z Gesamte Inn Med** 1985 Apr 15;40(8):217-21 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Circulatory shock due to ascites and responsive to paracentesis. McCullough KI, et al. **Am J Cardiol** 1985 Sep 1;56(7):500-1

Acute adrenal insufficiency in a patient with appendicitis during anesthesia. Hertzberg LB, et al. **Anesthesiology** 1985 Apr;62(4):517-9

Pheochromocytoma of the organ of Zuckerkandl presenting as shock. Ciobotaru M, et al. **Isr J Med Sci** 1985 Jun; 21(6):517-9

[Hypovolemic shock caused by an increase in capillary permeability after cesarean section] Tanguy M, et al. **Ann Fr Anesth Reanim** 1984;3(5):374-6 (Eng. Abstr.) **(Fre)**

[Shock associated with disseminated intravascular coagulation syndrome following injection of DT.TAB vaccine (letter)] Cailleba A, et al. **Presse Med** 1984 Sep 15;13(31):1900 **(Fre)**

[Severe skin burns caused by a photochemotherapeutic agent] Lohmann H, et al. **Derm Beruf Umwelt** 1985;33(3):102-3 (Eng. Abstr.) **(Ger)**

[Hypotension and shock in pheochromocytoma] Kieler C, et al. **Dtsch Med Wochenschr** 1984 Dec 7;109(49):1885-9 (Eng. Abstr.) **(Ger)**

[Spinal shock in traumatic lesions of the cervical spinal cord. 2 cases] Becker R, et al. **Fortschr Med** 1984 Oct 11; 102(38):940-2 (Eng. Abstr.) **(Ger)**

[Embolectomy in patients with pulmonary embolism without symptoms of shock] Busch U, et al. **Klin Wochenschr** 1984 Aug 1;62(15):724-7 (Eng. Abstr.) **(Ger)**

[Role of prostaglandins in the pathogenesis and treatment of shock] Glants RM, et al. **Klin Khir** 1985 Jan;(1):56-9 (49 ref.) **(Rus)**

[Hypovolemic shock in acute myocardial infarct] Nikolić V, et al. **Lijec Vjesn** 1984 Oct;106(10):417-21 (Eng. Abstr.) **(Scr)**

[Ventriculo-peritoneal shunt, hypovolemic shock and cerebrospinal fluid ascites] Gairi Tahull JM, et al. **An Esp Pediatr** 1984 Aug;21(2):147-52 (Eng. Abstr.) **(Spa)**

[Hypovolemic shock caused by erosion of the splenic artery in acute pancreatitis (letter)] Hidalgo Grau L, et al. **Med Clin (Barc)** 1985 Mar 9;84(9):375-6 **(Spa)**

HISTORY

The writings of Sir Bernard Spilsbury: Part II. Eckert WG. **Am J Forensic Med Pathol** 1985 Mar;6(1):31-7

METABOLISM

Prostanoids and cell injury. Flynn JT. **Am J Emerg Med** 1984 Jan;2(1):20-7

Mitochondrial function in shock. Mela-Riker L, et al. **Am J Emerg Med** 1984 Jan;2(1):2-7

Changes in plasminogen activator activity and plasmin inhibition in the pig during experimental hypovolaemia. Smokovitis A, et al. **Thromb Haemost** 1985 Feb 18; 53(1):130-3

[Changes in the cAMP-dependent phosphorylation system of myocardial sarcoplasmic reticulum components during circulatory hypoxia] Antipenko AE, et al. **Biokhimiia** 1985 Jan;50(1):12-6 (Eng. Abstr.) **(Rus)**

MORTALITY

Inhibitors of lipoxygenase products improve survival in traumatic shock. Hock CE, et al. **Prostaglandins** 1984 Oct; 28(4):557-71

PATHOLOGY

Microscopic changes of endothelial cells in blood vessels of people died in shock. Nikulin A, et al. **Acta Med Iugosl** 1984;38(4):255-67

Lesions of the kidney in tourniquet shock: ultrastructural study. Orsi R, et al. **Microsurgery** 1984;5(4):191-6

Effect of hyperthermic shock on the ultrastructure of cultured pituicytes. Zareba-Kowalska A, et al **Neuropatol Pol** 1984;22(3):445-56

Ultrastructural changes of the human pancreas in acute shock. Hegewald G, et al. **Pathol Res Pract** 1985 May; 179(6):610-5

Necrosis of aorta, myocardium and brain in rabbits following orthostatic shock: main aortic involvement. Lopes de Faria J, et al. **Pathol Res Pract** 1985 Jan;179(3):365-9

PHYSIOPATHOLOGY

Toe temperature--a monitor of perfusion failure (shock). Puri VK, et al. **Acute Care** 1983-84;10(1):47-56

Electrolytes and plasma volume regulation in hypovolemic shock. Scholten DJ. **Am J Emerg Med** 1984 Jan;2(1):86-91

Small bowel and liver tissue pO2 and pCO2 during hypovolaemic shock and intravenous vasopressin infusion. Korsbäck C, et al. **Ann Chir Gynaecol** 1984;73(4):236-40

Overview of shock. Majerus TC. **Arch Int Physiol Biochim** 1984 Nov;92(4):S1-4 (12 ref.)

Myocardial function following injury and in low-flow states: introduction. Abel FL. **Circ Shock** 1985;15(4):221-6

Local blood flow changes in the renal cortex during tourniquet and burn shock in rats. Haugan A, et al. **Circ Shock** 1984;14(3):147-57

Depression of left ventricular performance during canine splanchnic artery occlusion shock. Nightingale LM, et al. **Circ Shock** 1984;14(2):93-106

Isolated cardiac preparations: models of intrinsic myocardial dysfunction in circulatory shock. Parker JL, et al. **Circ Shock** 1985;15(4):227-45

Bradycardia during severe but reversible hypovolemic shock in man. Secher NH, et al. **Circ Shock** 1984;14(4):267-74

Blood pressure homeostasis in Rana catesbeiana under normal and hypovolemic conditions. Sham JS, et al. **Comp Biochem Physiol [C]** 1984;79(2):301-4

Effects of changes in abdominal pressure on left ventricular performance and regional blood flow. Robotham JL, et al. **Crit Care Med** 1985 Oct;13(10):803-9

Naloxone improves myocardial perfusion in hypovolemic shock. Tuggle DW, et al. **Curr Surg** 1985 May-Jun; 42(3):195-8

Experimental data on the nature of postresuscitation alpha frequency activity. Gurvitch AM, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov; 58(5):426-37

Opioids and neuropeptides: mechanisms in circulatory shock. Bernton EW, et al. **Fed Proc** 1985 Feb;44(2):290-9 (86 ref.)

Eicosanoids as mediators of ischemia and shock. Lefer AM. **Fed Proc** 1985 Feb;44(2):275-80 (33 ref.)

Respiratory muscle and organ blood flow with inspiratory elastic loading and shock. Magder S, et al. **J Appl Physiol** 1985 Apr;58(4):1148-56

Pulmonary hemodynamics and lung water content during splanchnic ischemic shock. Pilati CF, et al. **J Appl Physiol** 1985 May;58(5):1577-84

Puff adder venom shock: a model of increased vascular permeability. Schaeffer RC Jr, et al. **J Pharmacol Exp Ther** 1985 May;233(2):312-7

Immediate hemodynamic consequences of MAST inflation in normo- and hypovolemic anesthetized swine. Bellamy RF, et al. **J Trauma** 1984 Oct;24(10):889-95

Venous return and the pneumatic antishock garment in hypovolemic baboons. Holcroft JW, et al. **J Trauma** 1984 Nov;24(11):928-37

Cellular alterations in shock and ischemia and their correction. Chaudry IH. **Physiologist** 1985 Apr, 28(2):109-18

Effects of changes in circulating volume and in arterial pressure on plasma renin activity in the intact rat. Soler A, et al. **Rev Esp Fisiol** 1985 Mar;41(1):107-16

[Conjunctival and renal surface microcirculation changes in shock rabbits] Tao GM. **Chung Hua I Hsueh Tsa Chih** 1984 Jun;64(6):375-9 **(Chi)**

[Changes in renal blood flow and uropoiesis during alpha-adrenoreceptor blockade in shock] Zak VI, et al. **Anesteziol Reanimatol** 1985 Mar-Apr;(2):27-30 (Eng. Abstr.) **(Rus)**

[Mesenteric microvessel reactivity in rats in mesenteric shock] Hamar J, et al. **Biull Eksp Biol Med** 1984 Nov; 98(11):533-4 (Eng. Abstr.) **(Rus)**

[Functional state of the hypothalamo-hypophyseo-adrenal system and its correction in shock] El'skii VN, et al. **Patol Fiziol Eksp Ter** 1984 Nov-Dec;(6):83-6 **(Rus)**

[Comparative study of the phagocytic activity of the reticuloendothelial system using blood clearance of colloidal carbon dust particles (C11/143) and radioactive gold Au198 in experimental histamine shock] Selak I, et al. **Acta Med Iugosl** 1984;38(3):141-54 (Eng. Abstr.) **(Scr)**

PREVENTION & CONTROL

Lower body positive pressure vs. dopamine during PEEP in humans. Payen DM, et al. **J Appl Physiol** 1985 Jan; 58(1):77-82

Positive pressure respirations and pneumatic antishock garment application--hemodynamic response. Burchard KW, et al. **J Trauma** 1985 Jan;25(1):83-9

THERAPY

The mechanism of MAST: stalking the elusive autotransfusion [editorial] Stair TO. **Am J Emerg Med** 1983 Jul;1(1):112-3

Shock in the operating room. Wagner DL. **Am J Emerg Med** 1984 Jan;2(1):92-9

Treatment of shock in a canine model of pulmonary embolism. Molloy WD, et al. **Am Rev Respir Dis** 1984 Nov; 130(5):870-4

Successful cardiovascular resuscitation after massive intravenous bupivacaine overdosage in anesthetized dogs. Kasten GW, et al. **Anesth Analg** 1985 May;64(5):491-7

Technical limitations in the rapid infusion of intravenous fluids. Aeder MI, et al. **Ann Emerg Med** 1985 Apr; 14(4):307-10

Rapid flow rates for the resuscitation of hypovolemic shock. Dula DJ, et al. **Ann Emerg Med** 1985 Apr;14(4):303-6

Science and shock: a clinical perspective. Wilson RF. **Ann Emerg Med** 1985 Aug;14(8):714-23 (109 ref.)

Shock. A century of progress. MacLean LD. **Ann Surg** 1985 Apr;201(4):407-14

Pneumatic antishock trousers. Baxter FJ, et al. **Can J Surg** 1984 Sep;27(5):423-6

The effects of fluid resuscitation in the critically ill patient. Howard M, et al. **Heart Lung** 1984 Nov;13(6):649-54

The beneficial role of calcium supplementation during resuscitation from shock. Denis R, et al. **J Trauma** 1985 Jul;25(7):594-600

The prehospital use of external counterpressure: does MAST make a difference? Mackersie RC, et al. **J Trauma** 1984 Oct;24(10):882-8

Emergency pediatrics. Priorities and stabilization. Barkin RM. **Primary Care** 1984 Sep;11(3):419-30

[Treatment of burn patients in the shock stage] Spijker RE, et al. **Ned Tijdschr Geneeskd** 1984 Nov 10;128(45):2119-22 (Eng. Abstr.) **(Dut)**

[Antithrombin III substitution in patients in shock] Vinazzer H, et al. **Folia Haematol (Leipz)** 1984;111(6):806-16 (Eng. Abstr.) **(Ger)**

[Progress in resuscitation and shock treatment] Schmitz E, et al. **Fortschr Med** 1985 Mar 21;103(11):287-9 (Eng. Abstr.) **(Ger)**

[Shock--diagnosis and therapy within the scope of rapid medical care] Weidner D. **Z Arztl Fortbild (Jena)** 1984; 78(15):629-32 **(Ger)**

VETERINARY

Pharmacokinetics of prednisolone sodium succinate and its metabolites in normovolemic and hypovolemic dogs. Hankes GH, et al. **Am J Vet Res** 1985 Feb;46(2):476-8

Increased mortality in gray wolves captured with acepromazine and etorphine hydrochloride in combination. Tobey RW, et al. **J Wildl Dis** 1985 Apr;21(2):188-90

Feline trauma and critical care medicine. Kitchell BE, et al. **Vet Clin North Am [Small Anim Pract]** 1984 Nov; 14(6):1331-44

Methylprednisolone [letter] **Vet Rec** 1984 Aug 18; 115(7):159-60

[Shock: a review. I: Pathophysiology] Schrauwen E. **Tijdschr Diergeneeskd** 1984 Dec 1;109(23):957-67 (0 ref.) (Eng. Abstr.) **(Dut)**

[Shock: a review. II: Treatment] Schrauwen E. **Tijdschr Diergeneeskd** 1984 Dec 1;109(23):967-77 (0 ref.) (Eng. Abstr.) **(Dut)**

SHOCK, ANAPHYLACTIC see **ANAPHYLAXIS**

SHOCK, CARDIOGENIC

[Deaths during anesthesia: pheochromocytoma?] Melloni C, et al. **Minerva Anestesiol** 1984 Dec;50(12):615-8 (Eng. Abstr.) **(Ita)**

BLOOD

Release of gastrointestinal hormones in cardiodepressive shock. Revhaug A, et al. **Acta Anaesthesiol Scand** 1985 May;29(4):371-4

Effect of hemorrhagic and nortriptyline-induced shock on the porcine pancreas as evaluated by changes in serum cationic trypsin-like immunoreactivity. Florholmen J, et al. **Scand J Gastroenterol** 1985 Aug;20(6):720-6

CHEMICALLY INDUCED

Haemodynamic pattern of formyl-leurosine induced acute cardiovascular depression in the dog. Juhász-Nagy A, et al. **Acta Chir Hung** 1985;26(1):35-49

Cardiogenic shock associated with calcium-channel and beta blockers: reversal with intravenous calcium chloride. Henry M, et al. **Am J Emerg Med** 1985 Jul;3(4):334-6

Dimethoate-induced toxic cardiac failure in the guinea pig. Marosi G, et al. **Arch Toxicol** 1985 Jun;57(2):142-3

[Cardiogenic shock caused by metoprolol poisoning. Reversibility with high doses of glucagon and isoproterenol (letter)] Gabry AL, et al. **Presse Med** 1985 Feb 2;14(4):229 **(Fre)**

COMPLICATIONS

Diffuse hepatic calcification as a sequela to shock liver. Shibuya A, et al. **Gastroenterology** 1985 Jul;89(1):196-201

[Long-term artificial pulmonary ventilation in the treatment of a patient with acute myocardial infarction complicated by true cardiogenic shock and pulmonary edema] Netiazhenko VZ, et al. **Anesteziol Reanimatol** 1984 Jul-Aug;(4):37-8 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Cardiogenic shock and pulmonary edema [clinical conference] Martin GB, et al. **Am J Emerg Med** 1984 May; 2(3):232-40

[Cardiogenic shock] Estanove S, et al. **Ann Fr Anesth Reanim** 1985;4(4):43A-52A **(Fre)**

[Cardiogenic shock in acute myocardial infarct patients] Gritsiuk AI, et al. **Kardiologiia** 1984 Sep;24(9):19-26 (Eng. Abstr.) **(Rus)**

[Cardiogenic shock in children] Serbin VI. **Pediatriia** 1985 Jan;(1):47-50 **(Rus)**

DRUG THERAPY

Amrinone in the management of low cardiac output after open heart surgery. Goenen M, et al. **Am J Cardiol** 1985 Jul 22;56(3):33B-38B

Inotropic agents in the treatment of cardiogenic shock. Mueller HS. **World J Surg** 1985 Feb;9(1):3-10 (45 ref.)

[Combined high doses of dopamine and nitroprusside in the treatment of cardiogenic shock] Jakobsen CJ, et al. **Ugeskr Laeger** 1984 Aug 27;146(35):2628-9 (Eng. Abstr.) **(Dan)**

[Our experience with the treatment of cardiogenic shock in recent myocardial infarction with dopamine and sodium nitroprusside] Korewicki J, et al. **Kardiol Pol** 1984; 27(5):345-51 (Eng. Abstr.) **(Pol)**

[Naloxone in the treatment of shock] Jastrzebski J, et al. **Pol Tyg Lek** 1984 Oct 22;39(43):1409-12 (Eng. Abstr.) **(Pol)**

ENZYMOLOGY

Shock-induced damage to mitochondrial function and some cellular antioxidant mechanisms in humans. Corbucci GG, et al. **Circ Shock** 1985;15(1):15-26

ETIOLOGY

Hypocalcemic acute myocardial failure secondary to rapid transfusion of citrated blood. Bashour TT, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):1040-2

Mechanical valve occluder dislodgment. Kabbani SS, et al. **Am Heart J** 1984 Nov;108(5):1374-7

Shock late after implantation of a permanent transvenous cardiac pacemaker. Bogart DB, et al. **Am J Cardiol** 1985 Apr 15;55(9):1241

Cardiac causes of shock early after open heart surgery: etiologic classification by radionuclide ventriculography. Bateman TM, et al. **Circulation** 1985 Jun;71(6):1153-61

[Pheochromocytoma with hypotension and shock: diagnosis and therapy (letter)] Drexel H, et al. **Dtsch Med Wochenschr** 1985 Jun 28;110(26):1056-7 **(Ger)**

[Emergency anesthesia of a patient with acute myocardial infarction complicated with perforation of the ventricular septum] Ikeda T, et al. **Masui** 1985 Feb;34(2):236-40 (Eng. Abstr.) **(Jpn)**

[Pathogenetic characteristics of cardiogenic shock in closed chest injury with cardiac contusion] Alekseev AV, et al. **Vestn Khir** 1984 Sep;133(9):76-80 (Eng. Abstr.) **(Rus)**

[Pathogenesis and pathomorphology of cardiogenic shock in myocardial infarction in middle-aged and elderly patients] Rozenberg VD. **Vrach Delo** 1985 Mar;(3):33-6 (Eng. Abstr.) **(Rus)**

MORTALITY

Shock and death in a 43-year-old woman [clinical conference] Sobel B, et al. **Am J Med** 1985 Aug; 79(2):245-52

[Long-term survival after myocardial infarction with complicating cardiogenic shock] Kjøler E, et al. **Ugeskr Laeger** 1984 Nov 19;146(47):3631-5 (Eng. Abstr.) **(Dan)**

[Cardiogenic shock. Survival and intensive medical treatment] Tvede K, et al. **Ugeskr Laeger** 1984 Nov 19; 146(47):3629-31 (Eng. Abstr.) **(Dan)**

PATHOLOGY

[Occlusion of the right coronary artery with acute right heart infarct and cardiogenic shock] Tebbe U, et al. **Z Kardiol** 1984 May;73(5):327-32 (Eng. Abstr.) **(Ger)**

[Dynamics of experimental myocardial infarct complicated by cardiogenic shock during treatment with neuroleptanalgesia] Gordadze NG, et al. **Arkh Patol** 1985; 47(4):27-35 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Spontaneous recovery from cardiogenic shock and renal failure. Schwartz ML, et al. **Am J Med** 1985 May; 78(5):878-80

The importance of biventricular failure in patients with postoperative cardiogenic shock. Pennington DG, et al. **Ann Thorac Surg** 1985 Jan;39(1):16-26

Control of gastric vascular resistance in cardiogenic shock. Bulkley GB, et al. **Surgery** 1985 Aug;98(2):213-23

[Function of the respiratory muscles in acute cardiac decompensation] Aubier M, et al. **Schweiz Med Wochenschr** 1985 Feb 9;115(6):190-3 (Eng. Abstr.) **(Fre)**

[Selection of the optimal volume of the blood shunt for synchronous veno-arterial perfusion during acute cardiovascular insufficiency] Gutnikova AR, et al. **Anesteziol Reanimatol** 1984 Nov-Dec;(6):20-2 (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

Detection of occult pericardial hemorrhage early after open-heart surgery using technetium-99m red blood cell radionuclide ventriculography. Bateman TM, et al. **Am Heart J** 1984 Nov;108(5):1198-206

SURGERY

Operation for acute postinfarction mitral insufficiency and cardiogenic shock. Tepe NA, et al. **J Thorac Cardiovasc Surg** 1985 Apr;89(4):525-30

THERAPY

Right ventricular infarction, bradyarrhythmias, and cardiogenic shock: importance of atrial or atrioventricular sequential pacing. Abraham KA, et al. **Aust NZ J Med** 1985 Feb;15(1):52-4

Long-term follow-up of postcardiotomy patients with profound cardiogenic shock treated with ventricular assist devices. Pennington DG, et al. **Circulation** 1985 Sep;72(3 Pt 2):II216-26

The effect of intraaortic balloon pumping (IABP) on cardiogenic shock due to acute myocardial infarction. Okada M, et al. **Kobe J Med Sci** 1984 Aug;30(3-4):35-51

Cardiogenic shock. Handler CE. **Postgrad Med J** 1985 Aug; 61(718):705-12 (61 ref.)

Experience with the Pierce-Donachy ventricular assist device in postcardiotomy patients with cardiogenic shock. Pennington DG, et al. **World J Surg** 1985 Feb;9(1):37-46

[Right ventricular infarction--a treatable form of cardiogenic shock] Lindroos M, et al. **Duodecim** 1985;101(14):1352-8 **(Fin)**

[Treatment of cardiogenic shock and medically refractory left ventricular failure in acute myocardial infarction and acute myocarditis by intraaortic balloon counterpulsation] Yoshikawa J, et al. **J Cardiogr** 1984;14 Suppl 3:93-7 (Eng. Abstr.) **(Jpn)**

VETERINARY

[Light and electron microscopic findings in intramural coronary arteries of swine for slaughter] Reetz J, et al. **Arch Exp Veterinarmed** 1984 Jul;38(4):469-81 (Eng. Abstr.) **(Ger)**

SHOCK, ENDOTOXIC see **SHOCK, SEPTIC**

SHOCK, HEMORRHAGIC

[Ketalar anesthesia in traumatic and hemorrhagic shock] Martinkus AV, et al. **Voen Med Zh** 1984 Nov;(11):48-9 **(Rus)**

[Intestinal hemorrhage, shock and encephalopathy, an epidemic syndrome of unknown etiology (editorial)] Arias Vallejo E. **Rev Esp Enferm Apar Dig** 1985 May;67(5):435-6 **(Spa)**

BLOOD

Raised serum immunoreactive trypsin in the haemorrhagic shock and encephalopathy syndrome. Mughal MZ, et al. **Acta Paediatr Scand** 1985 May;74(3):456-7

Influences of fasting and water intake on plasma refill during hemorrhagic shock. Chadwick CD, et al. **J Trauma** 1985 Jul;25(7):608-14

Effect of hemorrhagic and nortriptyline-induced shock on the porcine pancreas as evaluated by changes in serum cationic trypsin-like immunoreactivity. Florholmen J, et al. **Scand J Gastroenterol** 1985 Aug;20(6):720-6

[Effects of various drugs and fluid on the blood coagulation-fibrinolysis and kinin systems in canine hemorrhagic shock] Hatano K. **Masui** 1985 May;34(5):637-48 (Eng. Abstr.) **(Jpn)**

[Hemorheological disorders in the pathogenesis of post-resuscitation circulatory failure] Evtushenko AIa, et al. **Patol Fiziol Eksp Ter** 1984 Nov-Dec;(6):41-5 (Eng. Abstr.) **(Rus)**

CLASSIFICATION

[Possibilities for the classification of functional respiratory changes in experimental hemorrhagic shock] Tenchev P. **Khirurgiia (Sofiia)** 1984;37(4):264-70 (Eng. Abstr.) **(Bul)**

COMPLICATIONS

Cimetidine does not change regional gastrointestinal blood flow or stress ulcer formation in rabbits after hemorrhage. Asher EF, et al. **Curr Surg** 1985 Mar-Apr;42(2):126-8

Pseudoperiodic paroxysmal discharge in a case of hemorrhagic shock. Bindi A, et al. **Ital J Neurol Sci** 1984 Dec;5(4):447-50

Effects of tissue acidosis on skeletal muscle microcirculatory responses to hemorrhagic shock in unanesthetized rats. Cryer HM, et al. **J Surg Res** 1985 Jul;39(1):59-67

Haemorrhagic shock encephalopathic syndrome and neurodevelopmental delay [letter] Russell RI, et al. **Lancet** 1985 Aug 24;2(8452):441-2

Gastric mucosal blood flow related to acute mucosal damage. Svanes K, et al. **Scand J Gastroenterol [Suppl]** 1984; 105:62-6

[Successful surgical repair for ruptured dissecting aneurysm of descending thoracic aorta with severe hemorrhagic shock] Odagiri S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jul;32(7):1097-100 (Eng. Abstr.) **(Jpn)**

DRUG THERAPY

Enteric administration of anisodamine in the treatment of hemorrhagic shock. Su JY, et al. **Acta Acad Med Wuhan** 1985;5(2):92-6

Intracoronary naloxone in hemorrhagic shock: dose-dependent stereospecific effects. Lechner RB, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):H272-7

Naloxone and TRH in the treatment of shock and trauma: what future roles? Bernton EW. **Ann Emerg Med** 1985 Aug; 14(8):729-35 (37 ref.)

Red cell substitutes: an update. Gould SA, et al. **Ann Emerg Med** 1985 Aug;14(8):798-803

Hemodynamic effects of 10% dextrose and of dextran 70 on hemorrhagic shock during exposure to hyperbaric air and hyperbaric hyperoxia. Gross DR, et al. **Aviat Space Environ Med** 1984 Dec;55(12):1118-28

Successful treatment of irreversible hemorrhagic shock in dogs with fructose-1,6 diphosphate and dichloroacetate. Granot H, et al. **Circ Shock** 1985;15(3):163-73

Effect of temperature on naloxone treatment in canine hemorrhagic shock. Horton JW, et al. **Circ Shock** 1984; 14(4):251-65

Dose-dependent effects of nalbuphine in canine hemorrhagic shock. Hunt LB, et al. **Circ Shock** 1984;13(4):307-18

The effects of phentolamine and isoproterenol in experimental hemorrhagic shock in the dog. Liu ZM, et al. **Circ Shock** 1984;14(1):1-11

Effects on intracranial pressure of resuscitation from hemorrhagic shock with hypertonic saline versus lactated Ringer's solution. Prough DS, et al. **Crit Care Med** 1985 May;13(5):407-11

The use of antiserotonergic agents for the treatment of acute hemorrhagic shock of cats. Elam R, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):275-8

Fluorocarbons in the resuscitation of hemorrhage. Biro GP. **Int Anesthesiol Clin** 1985 Spring;23(1):143-67

Infusion of very hypertonic saline to bled rats: membrane potentials and fluid shifts. Nakayama S, et al. **J Surg Res** 1985 Feb;38(2):180-6

Experimental evaluation of the prophylactic and therapeutic effects of hydrocortisone in haemorrhagic shock. Engelbrecht FM, et al. **S Afr Med J** 1985 Apr 20; 67(16):637-42

The effect of WR 149024 on survival following hemorrhage in conscious rats. Brown DF, et al. **Toxicol Lett** 1985 Aug; 26(2-3):127-32

[Fixed mydriasis in hemorrhagic shock treated with dopamine] Longhi A, et al. **Minerva Anestesiol** 1984 Nov; 50(11):551-3 (Eng. Abstr.) **(Ita)**

[Effect of exogenous cholinesterase on the pulmonary surfactant system after massive blood loss] Zeliak VI, et al. **Patol Fiziol Eksp Ter** 1984 Sep-Oct;(5):8-11 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Hormone changes and beta-endorphin in the pathogenesis of hemorrhagic shock. Machuganska A, et al. **Acta Physiol Pharmacol Bulg** 1985;11(1):26-33

Etiology of shock in blunt trauma. Lane PL, et al. **Can Med Assoc J** 1985 Aug 1;133(3):199-201

Overheating and the haemorrhagic shock and encephalopathy syndrome [letter] Bacon CJ. **J R Soc Med** 1985 Feb;78(2):175-6

Haemorrhagic shock and encephalopathy [editorial] **Lancet** 1985 Sep 7;2(8454):534-6

Hemorrhagic shock in the dog. I. Correlation between survival and severity of shock. Schoenberg MH, et al. **Res Exp Med (Berl)** 1985;185(1):21-33

[Bichorionic pregnancy as a cause of posthemorrhagic shock] Seget'a J, et al. **Cesk Gynekol** 1985 Jun;50(5):359-60 **(Cze)**

[Aortic aneurysm with rupturing into the stomach following salmonella sepsis] Strittmatter B, et al. **Immun Infekt** 1984 Apr;12(2):101-4 (Eng. Abstr.) **(Ger)**

[A case report of anesthesia in a shocked obstetric patient complicated with Ehlers-Danlos syndrome] Narita M, et al. **Masui** 1984 Aug;33(8):900-4 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

[Characteristics of the immune response to corpuscular antigen in hemorrhagic shock] Timchenko AS. **Klin Khir** 1985 Jan;(1):55-6 (Eng. Abstr.) **(Rus)**

METABOLISM

Renal oxygen and lactate metabolism in hemorrhagic shock. An experimental study. Nelimarkka O. **Acta Chir Scand [Suppl]** 1984;518:1-44

Transcutaneous oxygen monitoring in the emergency department [letter] Maningas PA, et al. **Am J Emerg Med** 1984 Mar;2(2):181-2

Opiate binding in rat hearts: modulation of binding after hemorrhagic shock. Krumins SA, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):120-8

Role of the lung in metabolism of prostaglandin E during severe hemorrhagic shock in the dog. Blasingham MC, et al. **Circ Shock** 1985;15(3):175-84

Effect of hemorrhagic shock on conjunctival and transcutaneous oxygen tensions in relation to hemodynamic and oxygen transport changes. Shoemaker WC, et al. **Crit Care Med** 1984 Nov;12(11):949-52

Shock and starvation: similar metabolism in different energy-depletion states. Barillo DJ, et al. **Curr Surg** 1985 May-Jun;42(3):204-7

Role of oxygen-derived free radicals in hemorrhagic shock-induced gastric lesions in the rat. Itoh M, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1162-7

OCCURRENCE

Joint British Paediatric Association and Communicable Disease Surveillance Centre surveillance scheme for haemorrhagic shock encephalopathy syndrome: surveillance report for 1982-4. **Br Med J [Clin Res]** 1985 May 25;290(6481):1578-9

Haemorrhagic shock and encephalopathy syndrome: epidemic of a new disease [editorial] David TJ, et al. **J R Soc Med** 1984 Sep;77(9):721-2

PATHOLOGY

Morphological differences in cutaneous and skeletal muscle vasculature during compensatory and decompensatory hemorrhagic hypotension. Johnson G 3d, et al. **Circ Shock** 1985;15(2):111-21

Morphology of haemorrhagic shock, systemic immunocomplex reaction and systemic anaphylactic reaction. A comparative study. Jakubovský J, et al. **Czech Med** 1984;7(4):215-37

[Patient with a hemorrhaging peptic ulcer of the jejunum successfully recovered from hemorrhagic shock and clinical death] Damianov D, et al. **Khirurgiia (Sofiia)** 1984; 37(4):318-20 **(Bul)**

[Ultrastructural changes in the microcirculation in hemorrhagic shock] Zeng XY, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Jan;23(1):9-10, 61 (Eng. Abstr.) **(Chi)**

PHYSIOPATHOLOGY

The effect of anaesthesia on the haemodynamic and sympathoadrenal responses of the dog in experimental haemorrhagic shock. Adamicza A, et al. **Acta Physiol Hung** 1985;65(3):239-54

Mechanism of action of beta-endorphin and naloxone in hypophysectomized rats with hemorrhagic shock--the role of CNS. Machuganska A, et al. **Acta Physiol Pharmacol Bulg** 1985;11(1):34-42

Microcirculation and hemorrhagic shock. Haljamäe H. **Am J Emerg Med** 1984 Jan;2(1):100-7

Venous return in hemorrhagic shock after application of military anti-shock trousers. Lee HR, et al. **Am J Emerg Med** 1983 Jul;1(1):7-11

Hemorrhagic shock and the central vasopressin and opioid peptide system of rats. Feuerstein G, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):E244-50

Cardiovascular function and fluid compartments in newborn canine hemorrhagic shock. Horton JW, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):R724-31

The relationship between hepatic and cardiac function during hemorrhagic shocks in dogs. Malliwah JA. **Am Surg** 1985 Sep;51(9):537-44

Pathophysiology of haemorrhagic shock. Runciman WB, et al. **Anaesth Intensive Care** 1984 Aug;12(3):193-205

Hemodilution during standardized hemorrhage in high-altitude acclimatized rats. Cherdrungsi P. **Aviat Space Environ Med** 1985 May;56(5):431-5

Tyrosine accelerates catecholamine synthesis in hemorrhaged hypotensive rats. Conlay LA, et al. **Brain Res** 1985 Apr 29;333(1):81-4

Reduced venoconstrictor reserve in spontaneously hypertensive rats subjected to hemorrhagic stress. Burke MJ, et al. **Circ Shock** 1984;14(1):25-37

Cardiovascular effects of haemorrhagic shock in spleen intact and in splenectomized dogs. Horton JW, et al. **Clin Physiol** 1984 Dec;4(6):533-48

The effect of etomidate on adrenocortical function in dogs before and during hemorrhagic shock. Fraser R, et al. **Endocrinology** 1984 Dec;115(6):2266-70

Variations in transmucosal gastric potential difference during hemorrhagic shock in the rat. Zavagno G, et al. **Eur Surg Res** 1985;17(1):38-43

Vascular adrenergic interactions during hemorrhagic shock. Bond RF, et al. **Fed Proc** 1985 Feb;44(2):281-9

An analysis of cardiopulmonary hemodynamics during hemorrhagic shock in dogs. Malliwah JA, et al. **Hiroshima J Med Sci** 1985 Mar;34(1):19-30

Hemorrhagic shock and encephalopathy: further description of a new syndrome. Whittington LK, et al. **J Pediatr** 1985 Apr;106(4):599-602

Anti-shock actions of a new converting enzyme inhibitor, enalaprilic acid, in hemorrhagic shock in cats. Freeman JG, et al. **J Pharmacol Exp Ther** 1984 Dec;231(3):610-5

Carbohydrate metabolism and the hemodynamic response to shock. Wood CD, et al. **J Surg Res** 1985 Jan;38(1):1-6

Sublethal hemorrhage impairs the acute peritoneal inflammatory response in the rat. Fink MP, et al. **J Trauma** 1985 Mar;25(3):234-7

Direct spinal cord stimulation and recording in hemorrhagic stock. Hitchon PW, et al. **Neurosurgery** 1985 Jun; 16(6):796-800

Effects of naloxone on regional blood flow distribution in canine hemorrhagic shock. Lechner RB, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):227-33

Cardiovascular effects of intravenously given ATP-MgCl2 in canine hemorrhagic shock. Horton JW, et al. **Surg Gynecol Obstet** 1985 Mar;160(3):195-203

Endogenous opioid activity in clinical hemorrhagic shock. Shatney CH, et al. **Surg Gynecol Obstet** 1985 Jun; 160(6):547-51

Pathophysiology of hemorrhagic shock. A model for studying the effects of acute blood loss in the rat. Sato T, et al. **Virchows Arch [Cell Pathol]** 1985;48(4):361-75

[Ratios of oxygen consumption to the changes in hemodynamics and oxygen transport in hemorrhagic shock] Teuchev P. **Khirurgiia (Sofiia)** 1984;37(4):252-7 (Eng. Abstr.) **(Bul)**

[Anesthesia protocol in the swine. Effects of bleeding on circulation and acid-base equilibrium] Lepage JY, et al. **Ann Fr Anesth Reanim** 1984;3(6):421-3 (Eng. Abstr.) **(Fre)**

[The decrease in cardiac output by the continuous administration of calcium chloride after hemorrhagic shock] Takekawa K, et al. **Masui** 1985 Jun;34(6):785-91 (Eng. Abstr.) **(Jpn)**

[Activity of the afferent links in the reflex compensatory mechanisms of hemodynamic disorders in acute blood loss and hyperbaric oxygenation] Tumanovskii IuM, et al. **Anesteziol Reanimatol** 1985 Mar-Apr;(2):39-42 (Eng. Abstr.) **(Rus)**

[Potential use of rats resistant to blood loss for studying the mechanisms of energy metabolism maintenance during prolonged deep hypotension] Kazueva TV, et al. **Patol Fiziol Eksp** Ter 1984 Sep-Oct;(5):11-3 (Eng. Abstr.) **(Rus)**

[Regional circulatory changes after massive blood loss in immobilization stress] Kovalev OA, et al. **Patol Fiziol Eksp Ter** 1985 Mar-Apr;(2):15-8 (Eng. Abstr.) **(Rus)**

[Respiratory patterns in hemorrhagic shock] Nasonkin OS, et al. **Patol Fiziol Eksp Ter** 1985 Mar-Apr;(2):52-5 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Prevention of fatal hemorrhagic shock in dog by pretreatment with chronic high-salt diet. Rocchini AP, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):H577-84

[Low-dose heparin in thoracic surgery] Pogliani EM. **Minerva Med** 1985 Mar 17;76(11):495-500 **(Ita)**

[Indications for blood transfusion in acute gastrointestinal hemorrhage] Plotnikov IuV. **Anesteziol Reanimatol** 1984 Nov-Dec;(6):51-3 (Eng. Abstr.) **(Rus)**

THERAPY

Control of intraabdominal hemorrhage and shock: a comparison of fluid resuscitation, MAST, and balloon occlusion. Low RB, et al. **Ann Emerg Med** 1985 Jun; 14(6):540-6

Hemorrhagic shock in the gynecologic patient. Marsden DE, et al. **Clin Obstet Gynecol** 1985 Jun;28(2):381-90

Hemorrhagic shock and trauma. Elboim CM. **Compr Ther** 1985 Feb;11(2):6-12

Haemoglobin solution as an oxygen-carrying resuscitation fluid in haemorrhagic shock. Odling-Smee W, et al. **Ir J Med Sci** 1984 Nov;153(11):385-8

Control of intra-abdominal hemorrhage. A comparison of methods. Low RB, et al. **J Okla State Med Assoc** 1984 Oct;77(10):356-60

Changes in epicardial and core temperatures during resuscitation of hemorrhagic shock. Shaver J, et al. **J Trauma** 1984 Nov;24(11):957-63

Cardiac response to fluid resuscitation from hemorrhagic shock. Horton J, et al. **Surg Gynecol Obstet** 1985 May; 160(5):444-52

Parathyroid response to hypocalcemia after treatment of hemorrhagic shock. Lucas CE, et al. **Surgery** 1984 Oct; 96(4):711-6

[Resuscitation of hemorrhagic shock in cirrhotics taking propranolol (letter)] Cales P, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):186-7 **(Fre)**

[Substitution of antithrombin III in shock and consumption coagulopathy] Blauhut B, et al. **Wien Klin Wochenschr** 1984 Dec 21;96(24):879-81 (Eng. Abstr.) **(Ger)**

[Intensive treatment of obstetric hemorrhagic shock] Serov VN, et al. **Akush Ginekol (Mosk)** 1985 Jan;(1):19-22 (Eng. Abstr.) **(Rus)**

[Increasing the effectiveness of blood substitute solutions in the treatment of hemorrhage and shock] Shabalin VN, et al. **Gematol Transfuziol** 1985 Feb;30(2):3-7 (Eng. Abstr.) **(Rus)**

[Effect of vasoactive drugs on the effectiveness of transfusion therapy in the late period of hemorrhagic shock] Sherman DM, et al. **Gematol Transfuziol** 1985 Feb;30(2):27-31 (Eng. Abstr.) **(Rus)**

SHOCK LUNG see **RESPIRATORY DISTRESS SYNDROME, ADULT**

SHOCK, SEPTIC

Septic shock in the gynecologic patient. Cavanagh D, et al. **Clin Obstet Gynecol** 1985 Jun;28(2):355-64

Animal studies of toxic shock syndrome. Quimby F, et al. **CRC Crit Rev Microbiol** 1985;12(1):1-44 (321 ref.)

Relapsing toxic shock syndrome in the puerperium [letter] Tweardy DJ. **JAMA** 1985 Jun 14;253(22):3249-50

[Septic shock] Džinić L. **Vojnosanit Pregl** 1984 May-Jun; 41(3):199-203 **(Scr)**

BLOOD

Release of gastrointestinal peptides during E. coli endotoxinaemia. Revhaug A, et al. **Acta Chir Scand** 1984; 150(7):535-9

The origin and fall of plasma motilin during Escherichia coli endotoxin shock in pigs. Jenssen TG, et al. **Acta Physiol Scand** 1985 Apr;123(4):399-404

Changes in thyrotropic hormone, triiodothyronine and thyroxine level in endotoxin shock in rats. Hadjikostova H, et al. **Agressologie** 1985 Mar;26(3):261-3

Plasma ACTH and aldosterone levels in endotoxin shock in rats. Hadjikostova H, et al. **Agressologie** 1985 Mar; 26(3):259-60

Dynamics of changes in the blood coagulation system, fibrynolysis and kallikreinogenesis in endotoxin shock in rabbits. Prandota J, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(3):357-68

Anisodamine effects on functional and morphologic changes of platelets in endotoxinemic rabbits. Xu SH, et al. **Chin Med J [Engl]** 1985 Feb;98(2):106-10

Persistent hyperinsulinemia due to induced euglycemia in awake endotoxic minipigs. Hand MS, et al. **Circ Shock** 1984;14(3):169-87

Plasma catecholamines in the conscious rat during endotoxicosis. Jones SB, et al. **Circ Shock** 1984; 14(3):189-201

Elevated plasma 6-keto-prostaglandin F1 alpha in patients in septic shock. Halushka PV, et al. **Crit Care Med** 1985 Jun;13(6):451-3

Distributions of cardiopulmonary variables in pediatric survivors and nonsurvivors of septic shock. Pollack MM, et al. **Crit Care Med** 1985 Jun;13(6):454-9

Quantitative analysis of polymorphonuclear leukocyte superoxide anion generation in critically ill children. Zimmerman JJ, et al. **Crit Care Med** 1985 Mar;13(3):143-50

Plasma gastrointestinal glucagon concentration in dogs administered LD100 Escherichia coli. Ishida K, et al. **Curr Surg** 1985 Jul-Aug;42(4):307-11

Early released lipid-soluble cardiodepressant factor and elevated oestrogenic substances in human septic shock. Benassayag C, et al. **Eur J Clin Invest** 1984 Aug; 14(4):288-94

An experimental method for in vivo studies of pulmonary platelet sequestration. Thörne J, et al. **Eur J Nucl Med** 1984;9(10):472-7

Increased plasma levels of vasoactive intestinal polypeptide in pigs during endotoxinaemia. Revhaug A, et al. **Eur Surg Res** 1985;17(2):75-82

Activation and inhibition of Hageman factor-dependent pathways and the complement system in uncomplicated bacteremia or bacterial shock. Kalter ES, et al. **J Infect Dis** 1985 Jun;151(6):1019-27

Plasma beta-endorphin-like-immunoreactivity levels and hemodynamics in patients with septic shock. Hughes GS Jr. **Res Commun Chem Pathol Pharmacol** 1985 Apr; 48(1):121-31

Changes in thromboxane formation by platelets during and after a continuous endotoxin infusion into rabbits. Ditter H, et al. **Vasa** 1984;13(4):327-32

Toxic factors in shock. Haglund U. **Z Med Lab Diagn** 1985; 26(4):183-7

[Level of plasma ACTH and aldosterone in endotoxic shock in rats] Khadzhikostova Kh, et al. **Khirurgiia (Sofiia)** 1985; 38(2):35-8 (Eng. Abstr.) **(Bul)**

[Electron microscopic observation on platelet microaggregation in dogs during septic shock] Wang FX. **Chung Hua I Hsueh Tsa Chih** 1984 Jun;64(6):380-2 **(Chi)**

[Changes in the plasma 6-keto-PGF1 alpha level during canine endotoxic shock] Xiao DM, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1985 Feb; 7(1):50-2 (Eng. Abstr.) **(Chi)**

[Changes in plasma amino acids in the septic hyperdynamic state] Imai T, et al. **Masui** 1984 Aug;33(8):814-22 (Eng. Abstr.) **(Jpn)**

[Cytochemical analysis of the formed elements of the peripheral blood for prognosis in infection and septic shock of various etiologies in newborn infants and children in the first 6 months of life] Nizharadze MI. **Pediatriia** 1984 Dec;(12):26-8 (Eng. Abstr.) **(Rus)**

[Hemorheologic disorders in septic shock in peritonitis] Savel'ev VS, et al. **Vestn Akad Med Nauk SSSR** 1984; (10):36-42 **(Rus)**

COMPLICATIONS

Acute gastric mucosal ulceration in septic shock. An experimental study on pathogenic mechanisms. Arvidsson S, et al. **Acta Chir Scand** 1984;150(7):541-7

Septic shock and hyperthermia as possible teratogenic factors. Ivarsson SA, et al. **Acta Paediatr Scand** 1984 Nov; 73(6):875-6

In vivo studies of hypoglycemia and lactic acidosis in endotoxic shock. Naylor JM, et al. **Am J Physiol** 1985 Mar; 248(3 Pt 1):E309-16

Hypersensitivity to endotoxin hepatotoxicity in rats with inflammatory lesions. Ishizuki S, et al. **Experientia** 1985 May 15;41(5):661-4

Respiratory muscle fatigue: a cause of ventilatory failure in septic shock. Hussain SN, et al. **J Appl Physiol** 1985 Jun; 58(6):2033-40

Cryptogenic acute cholangitis associated with toxic shock syndrome. Rolfes DB. **Milit Med** 1985 Jun;150(6):332-3

Tachycardia as a sign of early onset neonatal sepsis. Graves GR, et al. **Pediatr Infect Dis** 1984 Sep-Oct;3(5):404-6

Association of septic shock caused by early-onset group B streptococcal sepsis and periventricular leukomalacia in the preterm infant. Faix RG, et al. **Pediatrics** 1985 Sep; 76(3):415-9

On the pathogenesis of acute gastric mucosal lesions in septic shock. Arvidsson S, et al. **Scand J Gastroenterol [Suppl]** 1984;105:67-74

Acute gastric ulceration in septic shock: an experimental model. Arvidsson S, et al. **Scand J Gastroenterol [Suppl]** 1984;105:46-9

[A case of generalized pneumococcal infection] Primakov SV, et al. **Vrach Delo** 1985 May;(5):113-5 **(Rus)**

[Delayed obliterative vasculopathy without interstitial fibrosis in toxic oil syndrome] Sueiro Bendito A, et al. **Med Clin (Barc)** 1985 Feb 16;84(6):237-9 (Eng. Abstr.) **(Spa)**

[Brain edema in toxic shock syndrome. The first fatal case in Sweden?] Pehrson PO, et al. **Lakartidningen** 1985 Apr 24;82(17):1593-4 **(Swe)**

DIAGNOSIS

The spectrum of toxic shock syndrome. Thek J, et al. **Am J Emerg Med** 1983 Jul;1(1):30-4

Erysipelothrix rhusiopathiae bacteremia presenting as septic shock. Ognibene FP, et al. **Am J Med** 1985 May;78(5):861-4

Toxic shock syndrome. Buchdahl R, et al. **Arch Dis Child** 1985 Jun;60(6):563-7

Endotoxemia in intensive care patients: a longitudinal study with the limulus amebocyte lysate test. Fink PC, et al. **Klin Wochenschr** 1984 Oct 15;62(20):986-91

[Toxic shock syndrome in a menstruating woman (letter)] Martinot JB, et al. **Acta Clin Belg** 1985;40(1):58 **(Fre)**

[Menstrual toxic shock syndrome in a 17-year-old girl] Deupmann M, et al. **Monatsschr Kinderheilkd** 1985 Apr; 133(4):238-40 (Eng. Abstr.) **(Ger)**

[New infectious diseases and new aspects of infectious diseases] **Verh Dtsch Ges Inn Med** 1984;90 Pt 1:1-44 **(Ger)**

[Terminal pneumonia--shock lung (validity of diagnosis by evaluating respiratory disorders in children with severe forms of intestinal infections)] Bogadel'nikov IV, et al. **Pediatriia** 1985 Feb;(2):73-4 **(Rus)**

DRUG THERAPY

Naloxone and TRH in the treatment of shock and trauma: what future roles? Bernton EW. **Ann Emerg Med** 1985 Aug; 14(8):729-35 (37 ref.)

Dopamine and dobutamine in septic shock. A comparison. Majerus TC, et al. **Arch Int Physiol Biochim** 1984 Nov; 92(4):S65-7

Evaluation of naloxone for therapy of Escherichia coli shock. Species differences. Hinshaw LB, et al. **Arch Surg** 1984 Dec;119(12):1410-8

Endotoxin shock in the piglet: beneficial effects of serotonin antagonism. Schrauwen E, et al. **Br Vet J** 1985 Mar-Apr; 141(2):179-85

Increased survival of endotoxin-injected dogs treated with methylprednisolone, naloxone, and ibuprofen. Almqvist PM, et al. **Circ Shock** 1984;14(2):129-36

Effects of glucose-insulin-potassium (GIK) on myocardial blood flow and metabolism in canine endotoxin shock. Bronsveld W, et al. **Circ Shock** 1984;13(4):325-40 (53 ref.)

Methylprednisolone plus ibuprofen increases mortality in septic rats. Elinger JH, et al. **Circ Shock** 1984;14(3):203-8

Neuroendocrine and cardiovascular changes in septic shock and after cardiac surgery: effect of high-dose corticosteroid therapy. Hinds CJ, et al. **Circ Shock** 1985;15(1):61-72

Cardiovascular improvement due to RA642, a pyrimido-pyrimidine derivative, in canine endotoxin shock. Koyama S. **Circ Shock** 1984;13(4):341-51

Metabolic and cardiovascular effects of endotoxin infusion in conscious unrestrained rats: effects of methylprednisolone and BW755C. McKechnie K, et al. **Circ Shock** 1985;15(3):205-15

Dazoxiben in human sepsis and adult respiratory distress syndrome. Reines HD, et al. **Clin Pharmacol Ther** 1985 Apr;37(4):391-5

Betamethasone sodium phosphate injection: high-dose regimen in septic shock. Lederer V. **Clin Ther** 1984; 6(5):719-26

Naloxone therapy of septic shock [letter] **Crit Care Med** 1985 Oct;13(10):874-7

Use of glucose-insulin-potassium (GIK) in human septic shock. Bronsveld W, et al. **Crit Care Med** 1985 Jul; 13(7):566-70

Cardiorespiratory failure in toxic shock syndrome: effect of dobutamine. Fisher CJ Jr, et al. **Crit Care Med** 1985 Mar; 13(3):160-5

Efficacy and safety of naloxone in septic shock. Rock P, et al. **Crit Care Med** 1985 Jan;13(1):28-33

Continuous naloxone infusion in two neonates with septic shock. Furman WL, et al. **J Pediatr** 1984 Oct;105(4):649-51

Corticosteroid therapy for patients with toxic shock syndrome. Todd JK, et al. **JAMA** 1984 Dec 28; 252(24):3399-402

Naloxone versus placebo in treatment of septic shock. DeMaria A, et al. **Lancet** 1985 Jun 15;1(8442):1363–5

Value of naloxone in septic shock [letter] Soulioti AM. **Lancet** 1985 Aug 24;2(8452):452

Naloxone and methylprednisolone sodium succinate enhance sympathomedullary discharge in patients with septic shock. Hughes GS Jr. **Life Sci** 1984 Dec 3;35(23):2319–26

Corticosteroids for septic shock [letter] **N Engl J Med** 1985 Feb 21;312(8):509–12

High-dose corticosteroids for septic shock [editorial] Kass EH. **N Engl J Med** 1984 Nov 1;311(18):1178–9

The effects of high-dose corticosteroids in patients with septic shock. A prospective, controlled study. Sprung CL, et al. **N Engl J Med** 1984 Nov 1;311(18):1137–43

Effect of Win 44441-3 and naloxone on endotoxin-induced hypotensive shock in anesthetized hypertensive rats. DeFelice AF, et al. **Neuropeptides** 1985 Feb;5(4–6):299–302

ICI 174864, a putative delta opioid antagonist, reverses endotoxemic hypotension: pretreatment with dynorphin 1-13, A kappa agonist, blocks this action. Long JB, et al. **Neuropeptides** 1984 Dec;5(1–3):291–4

Effect of the thromboxane receptor antagonist EP 092 on endotoxin shock in the sheep. Armstrong RA, et al. **Prostaglandins** 1985 May;29(5):703–13

Sulindac does not preserve renal prostacyclin synthesis during endotoxemia. Olanoff LS, et al. **Prostaglandins** 1985 Jun;29(6):1031–7

Lack of effect of glucocorticoids upon plasma thromboxane in patients in a state of shock. Reines HD, et al. **Surg Gynecol Obstet** 1985 Apr;160(4):320–2

[Catecholamines in internal medicine emergencies] Brandt D, et al. **Wien Med Wochenschr** 1984 Jul 31; 134(13–14):324–7 (Eng. Abstr.) **(Ger)**

[Use of 6-methyl-prednisolone in impending septic shock] Di Crescenzo V, et al. **Minerva Chir** 1985 Apr 30; 40(8):581–8 (Eng. Abstr.) **(Ita)**

[Clinical and experimental studies of septic shock lung––on the usefulness of corticosteroid] Kawai S. **Kansenshogaku Zasshi** 1984 Nov;58(11):1144–60 (Eng. Abstr.) **(Jpn)**

[The anti-shock effects of several drugs, with special reference to the effect of lidocaine] Tanaka K. **Masui** 1985 Feb;34(2):165–72 (Eng. Abstr.) **(Jpn)**

[An ultrastructural study of the changes of the liver and spleen induced by experimental E. coli endotoxin shock––with special reference to effects of the low-dose heparin therapy] Toba M. **Nippon Geka Gakkai Zasshi** 1984 Aug;85(8):778–90 (Eng. Abstr.) **(Jpn)**

[Naloxone in the treatment of shock] Jastrzebski J, et al. **Pol Tyg Lek** 1984 Oct 22;39(43):1409–12 (Eng. Abstr.) **(Pol)**

[Effect of unithiol on the ultrastructure of the myocardium and adrenals in endotoxin shock] Kirichenko IuG, et al. **Farmakol Toksikol** 1985 May–Jun;48(3):49–52 (Eng. Abstr.) **(Rus)**

[Treatment of toxico-infectious shock] Ivanov NR, et al. **Sov Med** 1984;(9):51–6 (64 ref.) **(Rus)**

ENZYMOLOGY

Elevated plasma phospholipase A2 levels: correlation with the hemodynamic and pulmonary changes in gram-negative septic shock. Vadas P. **J Lab Clin Med** 1984 Dec;104(6):873–81

[Activation of the kallikrein-kinin system by endotoxin in the experimental shock model of the rat] Kühne H, et al. **Z Med Lab Diagn** 1985;26(2):67–70 (Eng. Abstr.) **(Ger)**

[Glucocorticoid effect on glucoregulatory enzymes of the septic rat liver] Ebata T, et al. **Masui** 1984 Dec; 33(12):1366–70 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

Injection-site abscess caused by group A beta-hemolytic Streptococcus. An unusual complication of tonsillectomy and intramuscular injection. Jacobson JT, et al. **Am J Infect Control** 1984 Oct;12(5):293–6

Endotoxemia in the neonatal lamb. O'Brien WF, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):671–4

Toxic shock syndrome: a review of the literature. Thomas D, et al. **Ann R Coll Surg Engl** 1985 May;67(3):156–8 (25 ref.)

The impact of bias in the Tri-State Toxic-Shock Syndrome Study [letter] Osterholm MT, et al. **Arch Intern Med** 1985 Apr;145(4):763–4

Toxic shock syndrome after skin grafting [letter] Schmid RE, et al. **Arch Surg** 1985 Feb;120(2):243

The toxic shock syndrome in burned children. Frame JD, et al. **Burns Incl Therm Inj** 1985 Apr;11(4):234–41

Myocardial depression in septic shock caused by meningococcal infection. Monsalve F, et al. **Crit Care Med** 1984 Dec;12(12):1021–3

Toxic shock syndrome from staphylococcal pharyngitis. Hirsch B, et al. **Ear Nose Throat J** 1984 Oct;63(10):494–7

Contraceptive sponge patient insert warns of TSS. **FDA Drug Bull** 1984 Aug;14(2):18–9

A turkey dinner and its sequelae. Novak N, et al. **Hosp Pract [Off]** 1985 Jul 15;20(7):138, 140

Postsurgical toxic shock syndrome: report of a case in which full syndrome manifestations were aborted by early recognition and therapy. Hartman BC, et al. **J Am Osteopath Assoc** 1984 Dec;84(4):356–9

Toxic shock syndrome as a complication of orthopedic surgery [letter] Hermens KA. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1321

Postoperative toxic shock syndrome following osteoplasty of the hip. A case report [letter] Irvine GW. **J Bone Joint Surg [Am]** 1985 Mar;67(3):504–5

Assessment of burn wound sepsis. Krupp S, et al. **J Hosp Infect** 1985 Mar;6 Suppl A:133–7

Induction of the early hypotensive phase by Escherichia coli: role of bacterial surface structures and inflammatory mediators. Kalter ES, et al. **J Infect Dis** 1985 Sep; 152(3):493–9

Study of staphylococcal toxic shock syndrome toxin in human epithelial cell culture. Kushnaryov VM, et al. **J Infect Dis** 1984 Oct;150(4):535–45

Aeromonas septicemia with shock in children with thalassemias. Tanphaichitr VS, et al. **J Med Assoc Thai** 1984 Jul;67(7):420–6

Toxic shock syndrome, a case report in childhood. Thisyakorn U, et al. **J Med Assoc Thai** 1985 Mar; 68(3):164–6

Staphylococcal tracheitis and toxic shock syndrome in a young child. Surh L, et al. **J Pediatr** 1984 Oct;105(4):585–7

Toxic shock syndrome associated with the use of the vaginal contraceptive sponge [letter] Dart RC, et al. **JAMA** 1985 Apr 5;253(13):1877

Pathogenesis and clinical features of acute cholangitis accompanied by shock. Shimada H, et al. **Jpn J Surg** 1984 Jul;14(4):269–77

A nasty shock from antibiotics? [editorial] **Lancet** 1985 Sep 14;2(8455):594

A fatal case of toxic-shock syndrome following cholecystectomy. Beck S, et al. **Med Sci Law** 1984 Oct; 24(4):269–70

High incidence of sepsis in percutaneous liver abscess drainage. Crass JR. **Minn Med** 1985 Jan;68(1):13–5

The presentation and complications of odontogenic septic shock. Report of a case. Quinn P, et al. **Oral Surg Oral Med Oral Pathol** 1985 Apr;59(4):336–9

Toxic shock syndrome as a complication of bacterial tracheitis. Solomon R, et al. **Pediatr Infect Dis** 1985 May–Jun;4(3):298–9

Myocardial dysfunction in group B streptococcal shock. Peevy KJ, et al. **Pediatr Res** 1985 Jun;19(6):511–3

Bacterial shock due to transfusion with Yersinia enterocolitica infected blood. Bjune G, et al. **Scand J Infect Dis** 1984;16(4):411–2

Pathogenesis of toxic shock syndrome: clinical-bacteriological correlates. Todd JK. **Surv Synth Pathol Res** 1984;3(1):63–72 (44 ref.)

[Septic shock following septoplasty] Qvarnberg Y, et al. **Duodecim** 1984;100(22):1540–3 **(Fin)**

[Toxic shock syndrome] Brückner O, et al. **Immun Infekt** 1983 May;11(3):75–8 (Eng. Abstr.) **(Ger)**

[Infectious-toxic shock in suppurative peritonitis] Gel'fand BR. **Anesteziol Reanimatol** 1984 Sep–Oct;(5):25–30 (Eng. Abstr.) **(Rus)**

[Role of the adrenals in the pathogenesis of endotoxin shock] Bardakhch'ian EA, et al. **Patol Fiziol Eksp Ter** 1985 Jan–Feb;(1):67–72 (73 ref.) **(Rus)**

IMMUNOLOGY

Insulin receptor autoantibodies in sepsis. Spitzer JA, et al. **Arch Intern Med** 1984 Oct;144(10):2019–22

Enhanced susceptibility of male rabbits to infection with a toxic shock strain of Staphylococcus aureus. Best GK, et al. **Infect Immun** 1984 Dec;46(3):727–32

Depressing hepatic macrophage complement receptor function causes increased susceptibility to endotoxemia and infection. Loegering DJ, et al. **Infect Immun** 1985 Mar; 47(3):659–64

Antibody responses to toxic-shock-syndrome (TSS) toxin by patients with TSS and by healthy staphylococcal carriers. Bonventre PF, et al. **J Infect Dis** 1984 Nov; 150(5):662–6

Development of serum antibody to toxic shock toxin among individuals with toxic shock syndrome in Wisconsin. Stolz SJ, et al. **J Infect Dis** 1985 May;151(5):883–9

Genetic characterization and cloning of the toxic shock syndrome exotoxin. Kreiswirth BN, et al. **Surv Synth Pathol Res** 1984;3(1):73–82

Biological properties of toxic shock syndrome exotoxin. Schlievert PM. **Surv Synth Pathol Res** 1984;3(1):54–62

[Shock and complement] Kondo M, et al. **Masui** 1984 Sep; 33(9):934–41 **(Jpn)**

METABOLISM

The potential role of thromboxane and prostacyclin in endotoxic and septic shock. Cook JA, et al. **Am J Emerg Med** 1984 Jan;2(1):28–37

Reticuloendothelial system function and glucose-insulin dyshomeostasis in sepsis. Filkins JP. **Am J Emerg Med** 1984 Jan;2(1):70–3

Hepatocellular clearance function of bacterial lipopolysaccharides and free lipid A in mice with endotoxic shock. Hopf U, et al. **Am J Emerg Med** 1984 Jan;2(1):13–9

Skeletal muscle metabolism and insulin resistance during endotoxin shock in the dog. Raymond RM. **Am J Emerg Med** 1984 Jan;2(1):45–59

alpha-Aminoisobutyric acid transport in rat soleus muscle during endotoxic shock. Karlstad MD, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R142–6

Oxygen consumption during septic shock. Effects of inotropic drugs. Dhainaut JF, et al. **Arch Int Physiol Biochim** 1984 Nov;92(4):S57–64 (9 ref.)

Decreased hepatic glutathione levels in septic shock. Predisposition of hepatocytes to oxidative stress: an experimental approach. Keller GA, et al. **Arch Surg** 1985 Aug;120(8):941–5

Oxygen consumption in septic shock: collective review. Houtchens BA, et al. **Circ Shock** 1984;13(4):361–84 (169 ref.)

Production of peptide leukotrienes in endotoxin shock. Hagmann W, et al. **FEBS Lett** 1985 Jan 28;180(2):309–13

Monokines and the metabolic pathophysiology of septic shock. Filkins JP. **Fed Proc** 1985 Feb;44(2):300–4 (46 ref.)

Some cardiac metabolic studies in experimental endotoxaemia. Siddiqui R, et al. **Indian J Med Res** 1984 Dec;80:699–702

The role of thromboxane in primate endotoxin shock. Casey LC, et al. **J Surg Res** 1985 Aug;39(2):140–9

The metabolism of an exogenous lipid source during septic shock in the puppy. Coran AG, et al. **JPEN** 1984 Nov–Dec; 8(6):652–6

Distribution and localization of endotoxin in the reticulo-endothelial system (RES) and in the main vessels of the rat during shock. Freudenberg N, et al. **Pathol Res Pract** 1985 Mar;179(4–5):517–27

Ketogenesis during sepsis in relation to hepatic energy metabolism. Ohtoshi M, et al. **Res Exp Med (Berl)** 1984; 184(4):209–19

Hepatic fructose 2,6-bisphosphate in rats with peritonitis and septic shock. Apantaku FO, et al. **Surgery** 1984 Oct; 96(4):770–4

[The effect of reduced glutathione on the changes of lipid-peroxide concentration in shock states––clinical and experimental studies] Imai M. **Hokkaido Igaku Zasshi** 1985 Mar;60(2):170–82 (Eng. Abstr.) **(Jpn)**

[Rat liver lipoperoxide in endotoxemia] Morita T. **Masui** 1985 May;34(5):656–63 (Eng. Abstr.) **(Jpn)**

[Alanine metabolism in the skeletal muscle and plasma in endotoxemia] Ishida K, et al. **Nippon Geka Gakkai Zasshi** 1985 Apr;86(4):400–3 (Eng. Abstr.) **(Jpn)**

[Studies on the mechanism of endotoxin shock––using bradykinin depletor cellulose sulphate] Chiba K. **Nippon Shokakibyo Gakkai Zasshi** 1984 Dec;81(12):3003–12 (Eng. Abstr.) **(Jpn)**

[Role of the lymphatic system in the transport of biologically active substances in shock of various etiologies] Minnebaev MM, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):409–12 (Eng. Abstr.) **(Rus)**

[Effect of protease inhibitors on the anti-enzymatic and surface activities of bronchoalveolar contents in infectious-toxic shock] Protsenko VA, et al. **Patol Fiziol Eksp Ter** 1984 Nov–Dec;(6):49–52 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

The disease spectrum, epidemiology, and etiology of toxic-shock syndrome. Chesney PJ, et al. **Annu Rev Microbiol** 1984;38:315–38 (93 ref.)

In vitro amplification of toxic shock syndrome toxin-1 by intravaginal devices. Tierno PM Jr, et al. **Contraception** 1985 Feb;31(2):185–94

Toxicity of staphylococcal toxic shock syndrome toxin 1 in rabbits. de Azavedo JC, et al. **Infect Immun** 1984 Nov; 46(2):314–7

Acquired ability of Staphylococcus aureus to produce toxic shock-associated protein and resulting illness in a rabbit model. Rasheed JK, et al. **Infect Immun** 1985 Mar; 47(3):598–604

Septic shock due to Pasteurella hemolytica. Bitterman H, et al. **Isr J Med Sci** 1985 Apr;21(4):397–8

Spontaneous occurrence of Staphylococcus aureus mutants with different pigmentation and ability to produce toxic shock syndrome toxin 1. Lee AC, et al. **J Clin Microbiol** 1985 Aug;22(2):308–9

Studies on staphylococci from toxic shock syndrome in France, 1981–1983. Melconian AK, et al. **J Hyg (Lond)** 1985 Feb;94(1):23–9

Tryptophan auxotypy associated with Staphylococcus aureus that produce toxic-shock-syndrome toxin. Chu MC, et al. **J Infect Dis** 1985 Jun;151(6):1157–8

Staphylococcus aureus isolates from patients with nonmenstrual toxic shock syndrome. Evidence for additional toxins. Garbe PL, et al. **JAMA** 1985 May 3; 253(17):2538–42

Toxic shock syndrome Staphylococcus aureus: effect of tampons on toxic shock syndrome toxin 1 production. Schlievert PM, et al. **Obstet Gynecol** 1984 Nov; 64(5):666–71

Toxic shock syndrome: a microbiological perspective. Staneck JL, et al. **Surv Synth Pathol Res** 1984;3(1):38–53

MORTALITY

Benoxaprofen attenuation of lethal canine endotoxic shock. Toth PD, et al. **Circ Shock** 1985;15(2):89–103

Search for possible fatal cases of toxic shock syndrome. Donovan JW. **Med J Aust** 1984 Nov 10;141(10):646–7

NURSING

[Nursing of 98 children with toxic shock] Zhao D.

Chung Hua Hu Li Tsa Chih 1985 Jun;20(3):161-2 **(Chi)**

OCCURRENCE

Diagnostic bias and toxic shock syndrome [letter] **Am J Med** 1984 Oct;77(4):A72, A81-2, A97 passim

Toxic shock syndrome in Oregon. Risk of recurrence. Helgerson SD, et al. **JAMA** 1984 Dec 28;252(24):3402-4

Epidemiology of toxic-shock syndrome, United States, 1960-1984. Reingold AL. **MMWR CDC Surveill Summ** 1984;33(3):19SS-22SS

PATHOLOGY

Ultrastructural changes of the pulmonary parenchyma after experimentally induced endotoxic shock in dogs with and without drug protection. Banna P, et al. **Respiration** 1985; 47(3):177-84

Identification of endotoxin-positive cells in the rat lung during shock. Freudenberg N, et al. **Virchows Arch [A]** 1984;404(2):197-211

Pathogenesis of renal changes in experimental prolonged shock. Kaup FJ, et al. **Zentralbl Veterinarmed [A]** 1984 Sep;31(8):611-24

[An ultrastructural and cytochemical study of the rat kidney in experimentally induced endotoxin shock] Ando T. **Nippon Geka Gakkai Zasshi** 1984 Aug;85(8):835-48 (Eng. Abstr.) **(Jpn)**

[Characteristics of the ultrastructural changes in adrenal cortical cells in the intermediate period of endotoxin shock] Bardakhch'iah EA, et al. **Tsitol Genet** 1985 Jan-Feb; 19(1):3-5 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Left ventricular performance in septic shock: reversible segmental and global abnormalities. Ellrodt AG, et al. **Am Heart J** 1985 Aug;110(2):402-9

Development of myocardial dysfunction in endotoxin shock. Parker JL, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):H818-26

Cardiac function in septic shock [letter] Snyder JV. **Ann Intern Med** 1984 Dec;101(6):879

Inhibition of prostaglandin synthesis restores normal hemodynamics in canine hyperdynamic sepsis. Fink MP, et al. **Ann Surg** 1984 Nov;200(5):619-26

Hemodynamic response to naloxone during live Escherichia coli sepsis in splenectomized dogs. Rees M, et al. **Ann Surg** 1984 Nov;200(5):614-8

Lack of evidence for interaction between tobramycin and shock in their effect on renal function. Ambinder RF, et al. **Antimicrob Agents Chemother** 1985 Feb;27(2):217-9

Myocardial dysfunction in septic shock. Carmona RH, et al. **Arch Surg** 1985 Jan;120(1):30-5

Systolic properties of normal and septic isolated rat hearts. The effect of branched chain amino acids. Freund HR, et al. **Arch Surg** 1985 Apr;120(4):483-8

Prostacyclin biosynthesis and hypotension in relation to complement activation in rabbit endotoxic shock. Rampart M, et al. **Biomed Biochim Acta** 1984;43(8-9):S191-4

A new canine model of endotoxin shock. Evans SF, et al. **Br J Pharmacol** 1984 Oct;83(2):433-42

Effects of intravascular volume expansion on the cardiovascular response to naloxone in a canine model of severe endotoxin shock. Evans SF, et al. **Br J Pharmacol** 1984 Oct;83(2):443-8

Hepatic trapping of red cells in canine endotoxin shock: a variable phenomenon after splenectomy. Teule GJ, et al. **Cardiovasc Res** 1985 Apr;19(4):201-5

Skeletal muscle perfusion and metabolism during canine endotoxin shock. van Lambalgen AA, et al. **Cardiovasc Res** 1985 May;19(5):278-87

Myocardial dysfunction in endotoxin- and E. coli-induced shock: pathophysiological mechanisms. Archer LT. **Circ Shock** 1985;15(4):261-80 (63 ref.)

Hepatosplanchnic insulin kinetics in awake endotoxemic Yucatan minipigs: the 'misinformed B-cell' hypothesis revisited. Fettman MJ, et al. **Circ Shock** 1984;14(4):237-50

Evaluation of ventricular performance in shock. Goldfarb RD. **Circ Shock** 1985;15(4):281-301

Role of peptide leukotrienes and their hepatobiliary elimination in endotoxin action. Hagmann W, et al. **Circ Shock** 1984;14(4):223-35

Dramatic changes in blood gases that are unrelated to arterial pH or cerebral oxygen delivery during endotoxin shock in conscious rats. Law WR, et al. **Circ Shock** 1985; 15(1):49-59

The effect of hyperdynamic sepsis on myocardial performance. McDonough KH, et al. **Circ Shock** 1985; 15(4):247-59

Unsuspected mesenteric hypoperfusion despite apparent hemodynamic recovery in the early phase of septic shock in piglets. Meadow WL, et al. **Circ Shock** 1985;15(2):123-9

Left and right ventricular function in porcine Escherichia coli sepsis. Teule GJ, et al. **Circ Shock** 1985;15(3):185-92

Protective effects and role of endotoxin in experimental septicemia. Urbaschek B, et al. **Circ Shock** 1984; 14(4):209-22

Role for calcium in the insulin hypersecretory state of the endotoxic rat pancreas. Yelich MR, et al. **Circ Shock** 1984; 14(1):49-62

Is platelet activating factor (PAF) a mediator of endotoxin shock? Terashita Z, et al. **Eur J Pharmacol** 1985 Feb 26; 109(2):257-61

Peritonitis and septic shock--an evaluation of two experimental models in the rat. Martineil S, et al. **Eur Surg Res** 1985;17(3):160-6

Comparative observations of fever and associated clinical hematological and blood biochemical changes after intravenous administration of staphylococcal enterotoxins B and F (toxic shock syndrome toxin-1) in goats. Van Miert AS, et al. **Infect Immun** 1984 Nov;46(2):354-60

Cardiovascular dysfunction in septic shock: new insights into a deadly disease. Parrillo JE. **Int J Cardiol** 1985 Mar; 7(3):314-21

Septic shock in colony bred puppies versus random source puppies. Coran AG, et al. **Int Surg** 1984 Apr-Jun; 69(2):107-12

An extreme form of the hyperdynamic syndrome in septic shock. Baumgartner JD, et al. **Intensive Care Med** 1984; 10(5):245-9

Right ventricular performance in septic shock: a combined radionuclide and hemodynamic study. Kimchi A, et al. **J Am Coll Cardiol** 1984 Nov;4(5):945-51

Reduction of intrinsic contractile reserves of the left ventricle by Escherichia coli endotoxin shock in guinea-pigs. Adams HR, et al. **J Mol Cell Cardiol** 1985 Jun;17(6):575-85

Low-dose dopamine preserves renal blood flow in endotoxin shocked dogs treated with ibuprofen. Fink MP, et al. **J Surg Res** 1985 Jun;38(6):582-91

Increased vascular permeability: a major cause of hypoalbuminaemia in disease and injury. Fleck A, et al. **Lancet** 1985 Apr 6;1(8432):781-4

Dynorphin: cardiovascular consequences of opioid receptor interactions in normal and endotoxemic rats. Holaday JW, et al. **Proc West Pharmacol Soc** 1984;27:429-33

[Hemodynamic changes in canine endotoxin shock produced by continuous infusion] Takekawa K, et al. **Masui** 1985 Jan;34(1):38-43 (Eng. Abstr.) **(Jpn)**

[Hyperdynamic state induced by continuous infusion of E. coli endotoxin in dogs] Wu TT. **Nippon Geka Gakkai Zasshi** 1985 Apr;86(4):381-93 (Eng. Abstr.) **(Jpn)**

PREVENTION & CONTROL

Knowledge of toxic shock syndrome among adolescent females: a need for education. Witzig DK, et al. **J Sch Health** 1985 Jan;55(1):17-20

Prophylaxis of superior mesenteric artery occlusion shock in rabbits by antilipopolysaccharide (anti-LPS) antibodies. Zanotti AM, et al. **J Surg Res** 1985 Feb;38(2):113-5

Prevention of gram-negative shock and death in surgical patients by antibody to endotoxin core glycolipid. Baumgartner JD, et al. **Lancet** 1985 Jul 13;2(8446):59-63

PSYCHOLOGY

Attitudes toward AIDS, herpes II, and toxic shock syndrome. Simkins L, et al. **Psychol Rep** 1984 Dec;55(3):779-86

THERAPY

Pathophysiology and treatment of septic shock. Schumer W. **Am J Emerg Med** 1984 Jan;2(1):74-7

Exchange transfusions in rats with a perfluorated blood substitute: effect on thromboxane B2 levels during endotoxemia. Cook JA, et al. **Circ Shock** 1985; 15(3):193-204

SCCM's new horizons conference on sepsis and septic shock. Ayres SM. **Crit Care Med** 1985 Oct;13(10):864-6

Continuous arteriovenous hemofiltration as an adjunctive therapy for septic shock. Ossenkoppele GJ, et al. **Crit Care Med** 1985 Feb;13(2):102-4

Preliminary study on administration of high-titer lipid A antibody serum in sepsis and septic shock patients. Marget W, et al. **Infection** 1985 May-Jun;13(3):120-4

Prevention and treatment of toxic shock syndrome: a retrospective look [editorial] Dan BB. **JAMA** 1984 Dec 28;252(24):3411-2

Preventing death from shock by antibody to endotoxin core glycolipid [letter] **Lancet** 1985 Sep 7;2(8454):565-6

Anti-lipopolysaccharide antibodies: update [letter] Lachman E, et al. **Lancet** 1984 Oct 13;2(8407):875-6

[Resuscitation of children in a toxico-septic state with pulmonary complications and surgical pathology] Boĭcheva A, et al. **Khirurgiia (Sofiia)** 1984;37(6):447-54 (Eng. Abstr.) **(Bul)**

[Extracorporeal, activated charcoal hemoperfusion in experimental endotoxic shock in dogs] Bende S, et al. **Orv Hetil** 1985 Mar 3;126(9):515-8 (Eng. Abstr.) **(Hun)**

[Septic shock] Takamizawa H, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Dec; 36(12):2641-5 **(Jpn)**

VETERINARY

Studies on the availability, transport and utilization of oxygen in low- and high-flow septic shock in calves. Sahay PN, et al. **Acta Vet Hung** 1984;32(3-4):187-92

Endotoxin-induced hematologic and blood chemical changes in ponies: effects of flunixin meglumine, dexamethasone, and prednisolone. Ewert KM, et al. **Am J Vet Res** 1985 Jan;46(1):24-30

Endotoxic shock in the awake young pig: absence of beneficial effect of prednisolone sodium succinate treatment. Schrauwen EM, et al. **Am J Vet Res** 1985 Aug; 46(8):1770-4

Flunixin meglumine attenuation of endotoxin-induced damage to the cardiopulmonary vascular endothelium of the pony. Turek JJ, et al. **Am J Vet Res** 1985 Mar; 46(3):591-6

Methylprednisolone [letter] **Vet Rec** 1984 Aug 18; 115(7):159-60

SHOCK, SURGICAL

ETIOLOGY

[Enzymatic-bacterial fibrinolysis during gynecologic surgery] Mikhailenko VM. **Anesteziol Reanimatol** 1984 Sep-Oct;(5):71-2 **(Rus)**

HISTORY

To stop his wounds, lest he do bleed to death. A history of surgical shock. Moffat LE, et al. **J R Coll Surg Edinb** 1985 Apr;30(2):73-81

METABOLISM

[The effect of reduced glutathione on the changes of lipid-peroxide concentration in shock states--clinical and experimental studies] Imai M. **Hokkaido Igaku Zasshi** 1985 Mar;60(2):170-82 (Eng. Abstr.) **(Jpn)**

PREVENTION & CONTROL

[Pathogenesis and methods of prevention of ischemic shock during reperfusion of prolonged ischemicized limbs] Bilenko MV, et al. **Vestn Akad Med Nauk SSSR** 1985; (4):24-33 (Eng. Abstr.) **(Rus)**

SHOCK THERAPY see **CONVULSIVE THERAPY**

SHOCK THERAPY, ELECTRIC see **ELECTROCONVULSIVE THERAPY**

SHOCK THERAPY, INSULIN see **CONVULSIVE THERAPY**

SHOCK, TOXIC see **SHOCK, SEPTIC**

SHOCK, TRAUMATIC

[Ketalar anesthesia in traumatic and hemorrhagic shock] Martinkus AV, et al. **Voen Med Zh** 1984 Nov;(11):48-9 **(Rus)**

BLOOD

[Role of K+, Na+, and Ca2+ ions in the cardiodepressive action of blood plasma in burn shock and the crush syndrome] Vornovitskiĭ EG, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):19-22 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

[Experimental prostaglandin E2 therapy of acute kidney failure due to the crush syndrome] Glants RM, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):532-3 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

[Combined craniocerebral injury and shock] Komarov BD, et al. **Vestn Akad Med Nauk SSSR** 1984;(12):16-9 (Eng. Abstr.) **(Rus)**

[Characteristics of the clinical picture and neurological examination in combined craniocerebral injury against a background of shock] Artem'ev BV, et al. **Vestn Khir** 1984 Sep;133(9):71-5 (Eng. Abstr.) **(Rus)**

[Primary evaluation of the severity of combined cranio-cerebral trauma complicated by shock] Artem'ev BV, et al. **Vestn Khir** 1984 Nov;133(11):89-93 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Naloxone and TRH in the treatment of shock and trauma: what future roles? Bernton EW. **Ann Emerg Med** 1985 Aug; 14(8):729-35 (37 ref.)

Beneficial effect of a thromboxane synthetase inhibitor in traumatic shock. Hock CE, et al. **Circ Shock** 1984; 14(3):159-68

Beneficial effects of a neutral protease inhibitor in traumatic shock. Hock CE, et al. **Pharmacol Res Commun** 1985 Mar; 17(3):217-26

[Hydroxyethyl starch 450/0.7 in burn shock. Effect on edema formation] Steen M, et al. **Unfallchirurg** 1985 Jan;88(1):22-6 (Eng. Abstr.) **(Ger)**

[Effect of pyridoxine, riboflavin and glutamic acid on lysosomal hydrolase activity of the liver and kidney of rats with severe mechanical injuries] Kobylianskiĭ LN, et al. **Patol Fiziol Eksp Ter** 1985 Mar-Apr;(2):44-8 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

[Effect of adrenaline on kidney lysosome function in rats during prolonged soft tissue crushing] Kobylianskiĭ LN. **Biull Eksp Biol Med** 1984 Oct;98(10):425-7 (Eng. Abstr.) **(Rus)**

[Effect of lysosomal enzymes on myocardial electrical and contractile activity in burn shock] Vornovitskiĭ EG, et al.

Biull Eksp Biol Med 1984 Dec;98(12):750-3 (Eng. Abstr.) **(Rus)**

[Function of the mitochondria and lysosomal apparatus of rabbit liver cells in burn shock] Slepneva LV, et al. **Patol Fiziol Eksp Ter** 1985 Mar-Apr;(2):32-6 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Crush syndrome with death following pneumatic antishock garment application. Godbout B, et al. **J Trauma** 1984 Dec; 24(12):1052-6

[Rape as a medical problem] Bang L, et al. **Tidsskr Nor Laegeforen** 1985 Feb 10;105(4):305-7 (Eng. Abstr.) **(Nor)**

[Traumatic shock in multiple fractures of bones of the limbs in children] Rusakov AB, et al. **Vestn Khir** 1984 Aug; 133(8):103-5 (Eng. Abstr.) **(Rus)**

[Pathogenetic mechanisms of shock in napalm burns] Mikhaĭlov VV, et al. **Voen Med Zh** 1985 Jan;(1):70-3 **(Rus)**

HISTORY

[Principles of the pathogenetic treatment for the victims of traumatic shock during World War II and today] Seleznev SA. **Patol Fiziol Eksp Ter** 1985 Mar-Apr;(2):8-14 **(Rus)**

[Antishock care during World War II and its importance for the development of the science of resuscitation] Shanin IuN, et al. **Vestn Khir** 1985 Apr;134(4):3-7 **(Rus)**

[Work of E. A. Asratian on the theory of traumatic shock and anti-shock fluid] Simonov PV. **Zh Vyssh Nerv Deiat** 1985 Mar-Apr;35(2):380-2 **(Rus)**

IMMUNOLOGY

[Changes in the number of E- and EAC-rosette-forming lymphocytes in the blood of patients after traumatic shock] Anan'eva SK. **Anesteziol Reanimatol** 1984 Nov-Dec; (6):25-8 (Eng. Abstr.) **(Rus)**

METABOLISM

[Correction of lipid peroxidation disorders in experimental traumatic shock using the antioxidant ionol] Iakubenko ED, et al. **Ukr Biokhim Zh** 1985 Jan-Feb;57(1):79-82 (Eng. Abstr.) **(Rus)**

MORTALITY

[Analysis of the causes of the fatal outcome of injuries in traffic accidents and their diagnosis] Nagnibeda AN, et al. **Vestn Khir** 1984 Aug;133(8):80-3 (Eng. Abstr.) **(Rus)**

NURSING

[Emergency care of traumatic shock patients] Wang SD. **Chung Hua Hu Li Tsa Chih** 1985 Jun;20(3):150-1 **(Chi)**

PATHOLOGY

[Pathological anatomy of the myorenal syndrome in the light of current methods of treatment] Zimina LN. **Arkh Patol** 1985;47(2):44-51 (Eng. Abstr.) **(Rus)**

[Rupture of the brachial artery in dislocation of the forearm in a multiple injury victim with shock] Veselov VS, et al. **Vestn Khir** 1984 Sep;133(9):101-2 **(Rus)**

PHYSIOPATHOLOGY

Effect of burn shock on myocardial function in guinea pigs. Temples TE, et al. **Circ Shock** 1984;14(2):81-92

[Traumatic shock] Lahdensuu M. **Duodecim** 1985; 101(9):840-6 **(Fin)**

[Disorders of cardio- and hemodynamics in the crush syndrome and their correction by detoxification] Kreĭnes VM. **Fiziol Zh** 1984 Nov-Dec;30(6):746-50 **(Rus)**

[Interrelations between the hypothalamo-hypophyseo-adrenal and sympathetico-adrenal systems in the early period of formation of the posttraumatic reaction] Lysyĭ LT. **Patol Fiziol Eksp Ter** 1984 Nov-Dec;(6):15-8 (Eng. Abstr.) **(Rus)**

[Analysis of systemic hemodynamic changes in the victims of severe mechanical injuries in the early stages of traumatic disease] Seleznev SA, et al. **Patol Fiziol Eksp Ter** 1984 Jul-Aug;(4):9-13 (Eng. Abstr.) **(Rus)**

[Effect of adaptation to high-altitude hypoxia on the microcirculation of rats in early burn shock] Shtykhno IuM, et al. **Patol Fiziol Eksp Ter** 1985 Mar-Apr;(2):30-2 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Reduction of shock in skiing accidents [letter] Gilchrist A. **Med J Aust** 1985 Jun 10;142(12):663

THERAPY

Management of crush syndrome. Michaelson M, et al. **Resuscitation** 1984 Jul;12(2):141-6

[Use of antishock-trousers in traumatic shock] Zhou ZD, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Mar;23(3):166-7, 191 (Eng. Abstr.) **(Chi)**

[Principles of treating multiple injuries in children] Koszla MM. **Chir Narzadow Ruchu Ortop Pol** 1984;49(3):225-30 (Eng. Abstr.) **(Pol)**

[Antishock effects of blood components and tranquilizers] Bazarevich GIa, et al. **Gematol Transfuziol** 1985 Jan; 30(1):42-4 (Eng. Abstr.) **(Rus)**

[Possibilities of using tranquilizers in traumatic shock] Bazarevich GIa, et al. **Ortop Travmatol Protez** 1984 Nov; (11):40-3 (Eng. Abstr.) **(Rus)**

[Disputes on traumatic shock in clinical practice] D'iachenko PK. **Vestn Khir** 1985 Feb;134(2):127-33 (Eng. Abstr.) **(Rus)**

SHOES

The effect of immobilization devices on the load distribution under the foot. Shereff MJ, et al. **Clin Orthop** 1985 Jan-Feb; (192):260-7

Basic considerations for shoes, shoe modifications, and orthoses in foot care. Helfand AE. **Clin Podiatry** 1984 Aug; 1(2):431-40

Allergenic degradation products of para-tertiary butylphenolformaldehyde plastic. Malten KE, et al. **Contact Dermatitis** 1985 Apr;12(4):222-4

The energy cost and heart-rate response of trained and untrained subjects walking and running in shoes and boots. Jones BH, et al. **Ergonomics** 1984 Aug;27(8):895-902

The design and function of military footwear: a review following experiences in the South Atlantic. Oakley EH. **Ergonomics** 1984 Jun;27(6):631-7

Pressures on the foot in pointe shoes. Teitz CC, et al. **Foot Ankle** 1985 Mar-Apr;5(5):216-21

The seven basic shoe styles. Rossi WA. **J Am Podiatr Med Assoc** 1985 Mar;75(3):169-71

The influence of the height of the heel on the first metatarsophalangeal joint. Sussman RE, et al. **J Am Podiatry Assoc** 1984 Oct;74(10):504-8

Energy of gait in below-knee casts with different soles. Pratt DJ. **J Biomed Eng** 1985 Jan;7(1):63-7

Compressive behavior after simulated service conditions of some foamed materials intended as orthotic shoe insoles. Campbell GJ, et al. **J Rehabil Res Dev** 1984 Jul;21(2):57-65

Effects of shoes and foot orthotics on VO2 and selected frontal plane knee kinematics. Burkett LN, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):158-63

Untied shoelaces [letter] Goldsmith SB. **N Engl J Med** 1985 Jul 18;313(3):189

[The importance of proper footwear in children] Poul J. **Cesk Pediatr** 1985 Apr;40(4):234-6 **(Cze)**

[Comparative study on the effectiveness of early functional treatment using special shoes following surgery of ruptures of fibular ligaments] Biegler M, et al. **Unfallchirurg** 1985 Mar;88(3):113-7 (Eng. Abstr.) **(Ger)**

[Effect of artificial shock absorbers on heel-strike transients] Wosk I, et al. **Harefuah** 1985 Feb 1;108(3):128-30 (Eng. Abstr.) **(Heb)**

[Ergonomic improvement of workplace in the rubber-soled shoe industry] Iacovone MT, et al. **Med Lav** 1984 May-Jun; 75(3):221-35 (Eng. Abstr.) **(Ita)**

[Polyneuropathies in shoe factory workers] Governa M, et al. **Recenti Prog Med** 1984 May;75(5):514-29 (108 ref.) (Eng. Abstr.) **(Ita)**

[Effect of a complex of industrial factors of low intensity and monotony on the bodies of students at a technical school] Kruglova II. **Gig Sanit** 1984 Jul;(7):25-8 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Where did you get those shoes ? Ferguson RK. **Arch Intern Med** 1984 Dec;144(12):2406-7

Sneakers as a source of Pseudomonas aeruginosa in children with osteomyelitis following puncture wounds. Fisher MC, et al. **J Pediatr** 1985 Apr;106(4):607-9

Pulmonary embolism caused by high ski boots [letter] Höflin F, et al. **N Engl J Med** 1985 Jun 20;312(25):1645

Shoe contact dermatitis. Sun CC. **Taiwan I Hsueh Hui Tsa Chih** 1985 Feb;84(2):250-5

[Determination of shoe marks in cases of skin injuries] Vorontsov VS, et al. **Sud Med Ekspert** 1984 Jul-Sep; 27(3):15-6 (Eng. Abstr.) **(Rus)**

STANDARDS

Shock absorption characteristics of running shoes. Cook SD, et al. **Am J Sports Med** 1985 Jul-Aug;13(4):248-53

Molded shoes. A discussion. Miller J. **J Am Podiatry Assoc** 1984 Sep;74(9):462-7

Going the extra 'foot' for workers involves more than measuring stick. Aydelotte C. **Occup Health Saf** 1985 Jun; 54(6):88

[Children's shoe problems. Observation by an orthopedist] Timm H. **Z Orthop** 1985 Jan-Feb;123(1):100-1 **(Ger)**

SHOPE FIBROMA VIRUS see under **POXVIRIDAE**

SHOPE PAPILLOMA VIRUS see under **PAPILLOMAVIRUSES**

SHORT BOWEL SYNDROME see under **MALABSORPTION SYNDROMES**

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SHORT TERM PSYCHOTHERAPY see **PSYCHOTHERAPY, BRIEF**

SHORT-WAVE THERAPY see under **DIATHERMY**

SHORTHAND

Preserved stenography reading in a patient with pure alexia. A model for dissociated reading processes. Regard M, et al. **Arch Neurol** 1985 Apr;42(4):400-2

SHOULDER

Treatment of peritendinitis calcarea of the shoulder by transcutaneous nerve stimulation. Kaada B. **Acupunct Electrother Res** 1984;9(2):115-25

The Zavanelli maneuver: a potentially revolutionary method for the resolution of shoulder dystocia. Sandberg EC. **Am J Obstet Gynecol** 1985 Jun 15;152(4):479-84

Postmastectomy angiosarcoma. Martin MB, et al. **Am Surg** 1984 Oct;50(10):541-5

Sitting position to reduce postoperative shoulder pain associated with intraperitoneal dextran. Fanning J, et al. **Fertil Steril** 1985 Jul;44(1):136-7

A postoperative long-term study of the deltoid contracture in children. Minami M, et al. **J Pediatr Orthop** 1984 Sep; 4(5):609-13

Chronic neck and shoulder pain. Focusing on myofascial origins. Grosshandler SL, et al. **Postgrad Med** 1985 Feb 15;77(3):149-51, 154-8

The painful shoulder. Kay NR. **Practitioner** 1985 Feb; 229(1400):121-7

Geophysical variables and behavior: XXVII. Magnetic necklace: its therapeutic effectiveness on neck and shoulder pain: 2. Psychological assessment. Lin JC, et al. **Psychol Rep** 1985 Apr;56(2):639-49

Case report 321. Extraosseous chondroblastoma in the subcutaneous tissues of the right shoulder. Abdul-Karim FW, et al. **Skeletal Radiol** 1985;14(1):73-5

[Chronicles in osteoarticular pathology. Isolated involvement of the suprascapular nerve in sports medicine. Apropos of 2 cases] Crielaard JM, et al. **Rev Med Liege** 1984 Dec 15;39(24):886-8 **(Fre)**

[Shoulder dystocia: statistical study and review of the literature] Jacques Desrosiers JA, et al. **Union Med Can** 1985 May;114(5):400-5, 408-9 (22 ref.) (Eng. Abstr.) **(Fre)**

[Pre and postoperative computerized tomographic diagnosis in tumors of the shoulder girdle] Crone-Münzebrock W, et al. **Z Orthop** 1985 Mar-Apr;123(2):223-6 (Eng. Abstr.) **(Ger)**

[Brachial plexus neuropathy (amyotrophic neuralgia) and infectious mononucleosis: report of a case] Kouyoumdjian JA. **Arq Neuropsiquiatr** 1984 Sep;42(3):289-93 (Eng. Abstr.) **(Por)**

[Angiosarcoma in newborn infants (case report)] Khutiev TsS, et al. **Vopr Onkol** 1985;31(2):102-4 **(Rus)**

[Malignant neoplasms of vascular origin in children] Anzieta J, et al. **Rev Chil Pediatr** 1984 Jul-Aug;55(4):263-8 (Eng. Abstr.) **(Spa)**

ANATOMY & HISTOLOGY

Ultrasonography of the rotator cuff. Normal and pathologic anatomy. Bretzke CA, et al. **Invest Radiol** 1985 May-Jun; 20(3):311-5

Ultrasonography of the rotator cuff: technique and normal anatomy. Middleton WD, et al. **J Ultrasound Med** 1984 Dec;3(12):549-51

[The point of intramuscular injections on deltoid muscle] Zhu SL. **Chung Hua Hu Li Tsa Chih** 1984 Oct;19(5):310-2 **(Chi)**

INJURIES

Sonographic detection of rotator cuff tears. Middleton WD, et al. **AJR** 1985 Feb;144(2):349-53

Rehabilitation of the pitching shoulder. Pappas AM, et al. **Am J Sports Med** 1985 Jul-Aug;13(4):223-35

Football shoulder and neck injury: a study of the 'stinger'. Poindexter DP, et al. **Arch Phys Med Rehabil** 1984 Oct; 65(10):601-2

Swimmers' injuries. McLean ID. **Aust Fam Physician** 1984 Jul;13(7):499-502

Intratendinous tear of the supraspinatus tendon exhibiting winging of the scapula. A case report. Tamai K, et al. **Clin Orthop** 1985 Apr;(194):159-63

Shoulder impingement syndrome in athletes treated by an anterior acromioplasty. Tibone JE, et al. **Clin Orthop** 1985 Sep;(198):134-40

Shoulder rehabilitation. Aronen JG. **Clin Sports Med** 1985 Jul;4(3):477-93

Common leg and shoulder conditions in athletes. Dominguez RH. **Compr Ther** 1985 Jan;11(1):57-64

Injuries of the shoulder and arm. Szalay EA, et al. **Emerg Med Clin North Am** 1984 May;2(2):279-94 (8 ref.)

Lone axillary nerve lesion due to closed non-dislocating injury of the shoulder. Hopkins GO, et al. **Injury** 1985 Mar; 16(5):305-6

Metastasizing basal cell carcinoma developing in a gunshot wound in a black man. Lambert WC, et al. **J Surg Oncol** 1984 Oct;27(2):97-105

High-pressure acid injection: case report with recommended initial management and therapy. Bucklew PS, et al. **J Trauma** 1985 Jun;25(6):552-6

US evaluation of the rotator cuff. Mack LA, et al. **Radiology** 1985 Oct;157(1):205-9

Myofascial trigger points in persistent posttraumatic shoulder pain. Reynolds MD. **South Med J** 1984 Oct;77(10):1277-80

[Paralysis of the serratus anterior muscle] Vastamäki M. **Duodecim** 1985;101(10):969-76 (Eng. Abstr.) **(Fin)**

[Syndrome of the glenoid ridge in sports medicine] Crielaard JM, et al. **Acta Belg Med Phys** 1984 Oct-Dec;7(4):117-20 **(Fre)**

[Painful and unstable shoulders in sports traumatology] Crielaard JM, et al. **Rev Med Liege** 1985 Mar 1;40(5):181-5 **(Fre)**

[Rupture of the rotator cuff of the shoulder] Freising S. **Unfallheilkunde** 1984 Aug;87(8):317-25 (Eng. Abstr.) **(Ger)**

PATHOLOGY

US of the biceps tendon apparatus. Middleton WD, et al. **Radiology** 1985 Oct;157(1):211-5

PHYSIOLOGY

Isokinetic testing of shoulder strength: normal values. Ivey FM Jr, et al. **Arch Phys Med Rehabil** 1985 Jun;66(6):384-6

The preservation of shoulder function after radical neck dissection. Jones TA, et al. **Clin Otolaryngol** 1985 Apr; 10(2):89-92

Some new aspects of the functional anatomy of the shoulder. Celli L, et al. **Ital J Orthop Traumatol** 1985 Mar;11(1):83-91

Kinematic and force data collection in biomechanics by means of sonic emitters--II: Force data collection and application to the human shoulder complex. Engin AE, et al. **J Biomech Eng** 1984 Aug;106(3):212-9

Electromyographic analysis of shoulder muscle load. Sigholm G, et al. **J Orthop Res** 1984;1(4):379-86

PHYSIOPATHOLOGY

Shoulder pain and function after neck dissection with or without preservation of the spinal accessory nerve. Short SO, et al. **Am J Surg** 1984 Oct;148(4):478-82

[Elevation in upper part of trapezius muscles in FSH muscular dystrophy] Mano Y, et al. **Rinsho Shinkeigaku** 1985 Apr;25(4):448-53 (Eng. Abstr.) **(Jpn)**

RADIOGRAPHY

Radiographic evaluation of the modified Bristow procedure for recurrent anterior dislocation of the shoulder. Lemmens JA, et al. **Diagn Imag Clin Med** 1984;53(5):221-5

Compensation filter for shoulder radiography. Vezina JA. **Radiology** 1985 Jun;155(3):823

SURGERY

Shoulder defect correction with the island latissimus dorsi flap. Cohen BE. **Plast Reconstr Surg** 1984 Nov;74(5):650-6

SHOULDER DISLOCATION

Simultaneous bilateral erect dislocation of the shoulder [letter] Hoofwijk AG, et al. **Neth J Surg** 1984 Dec;36(6):175

[Habitual voluntary and atraumatic posterior dislocation of the shoulder. Description of a case] Vicenzi G, et al. **Chir Organi Mov** 1984;69(1):87-90 (Eng. Abstr.) **(Ita)**

COMPLICATIONS

Dislocation of the shoulder with fracture of the ipsilateral shaft of the humerus. Barquet A, et al. **Injury** 1985 Mar; 16(5):300-2

[A rare 3d grade open shoulder joint rupture with humerus head fracture] Müller HA. **Z Unfallchir Versicherungsmed Berufskr** 1984;77(3):143-52 **(Ger)**

[Bilateral complication of shoulder dislocations] Malinovskiĭ IL, et al. **Ortop Travmatol Protez** 1984 Sep;(9):45-6 **(Rus)**

DIAGNOSIS

Arthroscopy of the shoulder joint--a cadaver and clinical study. Part 2: Clinical study. Rojvanit V. **Nippon Seikeigeka Gakkai Zasshi** 1984 Oct;58(10):1047-57

[Diagnosis of posterior shoulder luxations] Ennker J, et al. **Unfallchirurg** 1985 Apr;88(4):198-203 (Eng. Abstr.) **(Ger)**

EMBRYOLOGY

Anterior capsular redundancy of the shoulder: congenital or traumatic? An embryological study. Uhthoff HK, et al. **J Bone Joint Surg [Br]** 1985 May;67(3):363-6

ETIOLOGY

Simultaneous bilateral anterior and posterior shoulder dislocations. Aufderheide TP, et al. **Am J Emerg Med** 1985 Jul;3(4):331-3

Bilateral posterior fracture-dislocations of the shoulder after convulsive status epilepticus. Parrish GA, et al. **Ann Emerg Med** 1985 Mar;14(3):264-6

The posterior mechanism of acute anterior shoulder dislocations. Craig EV. **Clin Orthop** 1984 Nov;(190):212-6

[The shoulder in hemiplegic patients] Diethelm U, et al. **Schweiz Rundsch Med Prax** 1985 Feb 19;74(8):177-9 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Superior glenohumeral dislocation--a case report. Farrugia PD. **Injury** 1985 Jul;16(7):489-90

[Significance of the limbus glenoidalis for the stability of the shoulder joint] Hertz H. **Wien Klin Wochenschr [Suppl]** 1984;152:1-23 (Eng. Abstr.) **(Ger)**

PSYCHOLOGY

[Bilateral voluntary dislocation of the shoulder] Palkonyay G, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1984; 27(3):234-7 (Eng. Abstr.) **(Hun)**

RADIOGRAPHY

Isolated posterior shoulder dislocation in a child. A case report. Foster WS, et al. **Am J Sports Med** 1985 May-Jun; 13(3):198-200

Anterior dislocation of the shoulder joint sustained through skiing. Arthrographic findings and prognosis. Kuriyama S, et al. **Am J Sports Med** 1984 Sep-Oct;12(5):339-46

Computerized arthrotomography in recurring shoulder dislocations and subluxations. Kinnard P, et al. **Can J Surg** 1984 Sep;27(5):487-8

The cephaloscapular projection. A special diagnostic aid. Oppenheim WL, et al. **Clin Orthop** 1985 May;(195):191-3

The roentgenographic evaluation of anterior shoulder instability. Pavlov H, et al. **Clin Orthop** 1985 Apr; (194):153-8

Bilateral posterior dislocation of the shoulder [letter] Fullarton GM, et al. **Injury** 1985 May;16(6):428-9

CT findings in normal and dislocating shoulders. Seltzer SE, et al. **J Can Assoc Radiol** 1985 Mar;36(1):41-6

Loose body within the glenohumeral joint in recurrent anterior dislocation: CT demonstration. Gould R, et al. **J Comput Assist Tomogr** 1985 Mar-Apr;9(2):404-6

Glenohumeral malalignment in the hemiplegic shoulder. An early radiologic sign. Shai G, et al. **Scand J Rehabil Med** 1984;16(3):133-6

Bilateral anterior dislocation of the shoulder. Hartney-Velazco K, et al. **South Med J** 1984 Oct; 77(10):1340-1

[Dislocation of the shoulder joint] Sijbrandij S. **Ned Tijdschr Geneeskd** 1984 Jul 14;128(28):1313-8 **(Dut)**

[Computed tomographic diagnosis of recurrent shoulder luxation] Resch H, et al. **Unfallchirurg** 1985 Apr; 88(4):204-7 (Eng. Abstr.) **(Ger)**

[Conventional roentgen diagnosis of the proximal end of the humerus] Gutjahr G, et al. **Unfallchirurgie** 1984 Dec; 10(6):282-7 (Eng. Abstr.) **(Ger)**

[Diagnosis and therapy of traumatic posterior shoulder dislocations] Pfister U, et al. **Unfallchirurgie** 1985 Feb; 11(1):12-6 (Eng. Abstr.) **(Ger)**

[Roentgen examination in recurrent shoulder luxation--value of different exposure technics] Resch H, et al. **Unfallchirurgie** 1985 Apr;11(2):65-9 (Eng. Abstr.) **(Ger)**

[Radiologic procedure in shoulder dislocation] Johner R, et al. **Z Unfallchir Versicherungsmed Berufskr** 1984; 77(2):79-84 **(Ger)**

SURGERY

The Putti-Platt operation for recurrent anterior dislocation of the shoulder. Houben L, et al. **Acta Orthop Belg** 1984 Jul-Aug;50(4):481-8

Recurrent anterior dislocation of the shoulder. Results of Eden-Hybbinette and Putti-Platt operations. Paavolainen P, et al. **Acta Orthop Scand** 1984 Oct;55(5):556-60

A modification of the Bristow procedure for recurrent anterior shoulder dislocation and subluxation. Braly WG, et al. **Am J Sports Med** 1985 Mar-Apr;13(2):81-6

Elbow flexion analysis in Bristow patients. A preliminary report. Chen SK, et al. **Am J Sports Med** 1984 Sep-Oct; 12(5):347-50

Carbon fiber replacement of the ligaments of the shoulder girdle and the treatment of lateral instability of the ankle joint. Burri C, et al. **Clin Orthop** 1985 Jun;(196):112-7

Radiographic evaluation of the modified Bristow procedure for recurrent anterior dislocation of the shoulder. Lemmens JA, et al. **Diagn Imag Clin Med** 1984;53(5):221-5

Shoulder dislocation in skiing: choice of surgical method depending on the degree of humeral retrotorsion. Pieper HG. **Int J Sports Med** 1985 Jun;6(3):155-60

Posterior dislocation of the shoulder with a large anteromedial defect of the head of the humerus. A case report. Vukov V. **Int Orthop** 1985;9(1):37-40

The coracoid transfer for recurrent anterior instability of the shoulder in adolescents. Barry TP, et al. **J Bone Joint Surg [Am]** 1985 Mar;67(3):383-7

Computed tomographic documentation of intra-articular penetration of a screw after operations on the shoulder. A report of two cases. Lower RF, et al. **J Bone Joint Surg [Am]** 1985 Sep;67(7):1120-2

Recurrent posterior dislocation of the shoulder: treatment using a bone block. Mowery CA, et al. **J Bone Joint Surg [Am]** 1985 Jun;67(5):777-81

Rotational humeral osteotomy for recurrent anterior dislocation of the shoulder associated with a large Hill-Sachs lesion. Weber BG, et al. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1443-50

Treatment of recurrent anterior shoulder dislocation by the modified Bristow-Helfet procedure [letter] Mackenzie DB. **S Afr Med J** 1984 Sep 22;66(12):436

[Modified Bristow procedure in recurrent anterior shoulder dislocation caused by trauma] Lacroix H, et al. **Ned Tijdschr Geneeskd** 1984 Jul 14;128(28):1318-21 (Eng. Abstr.) **(Dut)**

[Current role of Latarjet's operation in the treatment of recurrent luxations and anterior instabilities of the shoulder] Delaunay C, et al. **Ann Chir** 1985 Jun;39(5):293-304 (Eng. Abstr.) **(Fre)**

[Neglected shoulder dislocation] el Arjoun L, et al. **Maroc Med** 1985 Mar;7(1):489-93 (Eng. Abstr.) **(Fre)**

[2 cases of habitual bilateral posterior dislocation of the shoulder treated with glenoid osteotomy] Saló i Orfila JM. **Rev Chir Orthop** 1985;71(1):51-4 (Eng. Abstr.) **(Fre)**

[Indications for the Bankart operation] Resch H, et al. **Aktuel Traumatol** 1985 Jun;15(3):122-6 (Eng. Abstr.) **(Ger)**

[Subcapital humerus rotation osteotomy using Weber's method and screwing of the limbus using Müller's method--2 methods for the treatment of recurrent shoulder dislocation] Irlenbusch U. **Beitr Orthop Traumatol** 1984 Sep;31(9):472-81 (Eng. Abstr.) **(Ger)**

[Dislocation of the shoulder joint] Dingels WR, et al. **Z Unfallchir Versicherungsmed Berufskr** 1984;77(2):59-77 **(Ger)**

[Significance of osseous lesions for the prognosis of shoulder dislocation] Ducrest P, et al. **Z Unfallchir Versicherungsmed Berufskr** 1984;77(2):85-9 **(Ger)**

[Surgical treatment of habitual luxations of the shoulder: our experience] Cozzolino F, et al. **Chir Organi Mov** 1982-83; 68(4-6):625-8 (Eng. Abstr.) **(Ita)**

[Late results of the surgical treatment of habitual anterior shoulder dislocation by a modified Eden-Hybbinette method] Herra K, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(3):255-9 (Eng. Abstr.) **(Pol)**

[Treatment of habitual shoulder dislocation] Levenets VN, et al. **Ortop Travmatol Protez** 1985 Apr;(4):56-8 **(Rus)**

[Method of surgical treatment of habitual shoulder dislocations] Maslakov EA, et al. **Ortop Travmatol Protez** 1984 Oct;(10):53 **(Rus)**

[Outcome of the surgical treatment of habitual shoulder dislocation] Pelipenko VP, et al. **Ortop Travmatol Protez** 1985 Apr;(4):24-6 (Eng. Abstr.) **(Rus)**

[Personal experience with the surgical treatment of habitual luxation of the shoulder joint] Steńo M, et al. **Acta Chir Orthop Traumatol Cech** 1984 Oct;51(5):400-3 (Eng. Abstr.) **(Slo)**

THERAPY

Treatment of acute shoulder dislocations. Norwood LA. **Ala Med** 1984 Dec;54(6):30, 32, 36 passim

Shoulder forearm support for the subluxed shoulder. Rajaram V, et al. **Arch Phys Med Rehabil** 1985 Mar;66(3):191-2

Conservative treatment of fractures and fracture-dislocations of the upper end of the humerus. Young TB, et al. **J Bone Joint Surg [Br]** 1985 May;67(3):373-7

[Shoulder reposition without anesthesia, experiences with the Nöller technic] Galis D, et al. **Z Unfallchir Versicherungsmed Berufskr** 1984;77(2):103-5 **(Ger)**

VETERINARY

[Shoulder joint dysplasia in the dachshund. 2. Results of pathoanatomical and pathohistological study; conclusions for breed standards and breeding] Köppel E, et al. **Zentralbl Veterinarmed [A]** 1985 Mar;32(3):214-25 (Eng. Abstr.) **(Ger)**

[Shoulder joint dysplasia in the dachshund. 1. Clinical aspects and x-ray findings] Mayrhofer E, et al. **Zentralbl Veterinarmed [A]** 1985 Mar;32(3):202-13 (Eng. Abstr.) **(Ger)**

SHOULDER FRACTURES

CLASSIFICATION

Fractures of the proximal humerus in adults. Mills HJ, et al. **J Trauma** 1985 Aug;25(8):801-5

COMPLICATIONS

Axillary artery injury as a complication of proximal humeral fractures. Two case reports and a review of the literature. Zuckerman JD, et al. **Clin Orthop** 1984 Oct;(189):234-7 (10 ref.)

[A rare 3d grade open shoulder joint rupture with humerus head fracture] Müller HA. **Z Unfallchir Versicherungsmed Berufskr** 1984;77(3):143-52 **(Ger)**

DIAGNOSIS

Arthroscopy of the shoulder joint--a cadaver and clinical study. Part 2: Clinical study. Rojvanit V. **Nippon Seikeigeka Gakkai Zasshi** 1984 Oct;58(10):1047-57

ETIOLOGY

Bilateral posterior fracture-dislocations of the shoulder after convulsive status epilepticus. Parrish GA, et al. **Ann Emerg Med** 1985 Mar;14(3):264-6
Pathological fracture of the humerus in a young adult with Paget's disease of bone. Greiss M, et al. **Injury** 1984 Nov; 16(3):204-6
[Shoulder injuries in newborn infants] Hromec I, et al. **Acta Chir Orthop Traumatol Cech** 1984 Oct;51(5):415-20 (Eng. Abstr.) **(Slo)**

RADIOGRAPHY

Importance of proper radiography in acute shoulder trauma. Craig EV. **Minn Med** 1985 Feb;68(2):109-12

SURGERY

[Significance of osseous lesions for the prognosis of shoulder dislocation] Ducrest P, et al. **Z Unfallchir Versicherungsmed Berufskr** 1984;77(2):85-9 **(Ger)**
[A method of compression osteosynthesis of the humerus in subtuberal fractures] Kotenko VV, et al. **Ortop Travmatol Protez** 1985 Apr;(4):58-9 **(Rus)**
[A method of compression osteosynthesis in periarticular fractures of long tubular bones] Kotenko VV, et al. **Ortop Travmatol Protez** 1985 May;(5):50-1 **(Rus)**

THERAPY

Conservative treatment of fractures and fracture-dislocations of the upper end of the humerus. Young TB, et al. **J Bone Joint Surg [Br]** 1985 May;67(3):373-7
[Elbow hanging cast in the treatment of fractures of the proximal humerus. Review of 614 cases] Maggi G. **Chir Organi Mov** 1984;69(1):27-9 (Eng. Abstr.) **(Ita)**

SHOULDER-HAND SYNDROME

CHEMICALLY INDUCED

Bilateral shoulder-hand syndrome associated with phenobarbital administration. A case report. Reddy MP. **Phys Ther** 1985 Feb;65(2):201-2
[A case from practice (26). Classical acute shoulder syndrome caused by beta blockers (metoprolol, Lopresor)] Moeschlin S. **Schweiz Rundsch Med Prax** 1984 Nov 13;73(46):1425-6 **(Ger)**

COMPLICATIONS

Shoulder-hand syndrome in patients with ovarian carcinoma [letter] McGill PE, et al. **Ann Rheum Dis** 1985 Jan;44(1):72

ETIOLOGY

Diagnosis of persistent shoulder pain [letter] Ecker A. **JAMA** 1984 Dec 28;252(24):3365
[The shoulder in hemiplegic patients] Diethelm U, et al. **Schweiz Rundsch Med Prax** 1985 Feb 19;74(8):177-9 (Eng. Abstr.) **(Ger)**

SHOULDER JOINT

Shoulder arthroscopy. Lilleby H. **Acta Orthop Scand** 1984 Oct;55(5):561-6
Artificial encapsulation of joint prostheses. Yao ZX, et al. **Biomaterials** 1985 May;6(3):208-12
A comparative study of the aetiological factors in shoulder pain. Withrington RH, et al. **Br J Rheumatol** 1985 Feb; 24(1):24-6
Time for a new name for 'frozen shoulder' [editorial] Bunker TD. **Br Med J [Clin Res]** 1985 Apr 27;290(6477):1233-4
Shoulder pain and heavy manual labor. Herberts P, et al. **Clin Orthop** 1984 Dec;(191):166-78
Clinical diagnosis of shoulder pain. Gerhart TN, et al. **Hosp Pract [Off]** 1985 Sep 15;20(9):134-6, 140-1
The pathology of the rotator cuff of the shoulder. Perugia L, et al. **Ital J Orthop Traumatol** 1985 Mar;11(1):93-105
Recurrent instability of the gleno-humeral joint. Randelli M. **Ital J Orthop Traumatol** 1985 Mar;11(1):107-17
Four cases of 'Milwaukee shoulder,' with a description of clinical presentation and long-term treatment. Weiss JJ, et al. **J Am Geriatr Soc** 1985 Mar;33(3):202-5
Rotator cuff disease of the shoulder. Cofield RH. **J Bone Joint Surg [Am]** 1985 Jul;67(6):974-9
Infection in a Charcot joint. A case report. Goodman MA, et al. **J Bone Joint Surg [Am]** 1985 Apr;67(4):642-3
235 cases of frozen shoulder treated by manipulation and massage. Li ZM. **J Tradit Chin Med** 1984 Sep;4(3):213-5
Frozen shoulder [editorial] **Lancet** 1985 Jan 12;1(8420):87-8
[Surgical repair of rotator cuff rupture] Vastamäki M. **Duodecim** 1984;100(23-24):1609-17 (Eng. Abstr.) **(Fin)**
[Radioguided puncture-infiltration in the treatment of refractory calcifying periarthritis of shoulders] Moutounet J, et al. **J Radiol** 1984 Aug-Sep;65(8-9):569-72 (Eng. Abstr.) **(Fre)**
[Rotator cuff syndrome caused by an anomaly of the insertion of the pectoralis minor] Samuel P, et al. **Rev Chir Orthop** 1984;70(5):401-4 (Eng. Abstr.) **(Fre)**
[The treatment of humeroscapular periarthritis with pirprofen. Interindividual double-blind study with ambulatory patients] Taller AJ. **Fortschr Med** 1985 Feb 26;103(7A):197-9 (Eng. Abstr.) **(Ger)**
[Humeroscapular periarthritis as a main symptom of gout] Brauer W. **Radiol Diagn (Berl)** 1984;25(5):569-72 (Eng. Abstr.) **(Ger)**
[Differential diagnostic aspects of posttraumatic shoulder pain] Gerber C. **Unfallheilkunde** 1984 Sep;87(9):357-62 (Eng. Abstr.) **(Ger)**
[Arthroscopy of the shoulder joint] Berner W, et al. **Z Unfallchir Versicherungsmed Berufskr** 1984;77(2):91-8 **(Ger)**
[Rheumatoid arthritis of the shoulder] Fukuda H. **Ryumachi** 1984 Oct;24(5):397-406 **(Jpn)**
[Multiple symmetrical and multistructural arthropathies in a patient with syringomyelia] Markiewicz M, et al. **Wiad Lek** 1984 Mar 15;37(6):466-9 (Eng. Abstr.) **(Pol)**
[Injuries of the supraspinatus muscle within the structure of humeroscapular periarthroses and their surgical treatment] Abdrakhmanov AZh, et al. **Zh Nevropatol Psikhiatr** 1984; 84(8):1163-8 (Eng. Abstr.) **(Rus)**

ANATOMY & HISTOLOGY

Arthroscopy of the shoulder joint--a cadaver and clinical study. Part 1: Cadaver study. Rojvanit V. **Nippon Seikeigeka Gakkai Zasshi** 1984 Oct;58(10):1035-46

EMBRYOLOGY

Anterior capsular redundancy of the shoulder: congenital or traumatic? An embryological study. Uhthoff HK, et al. **J Bone Joint Surg [Br]** 1985 May;67(3):363-6

INJURIES

Internal fixation by percutaneous pinning for the treatment of fracture of surgical neck of humerus. Li XR, et al. **Acta Acad Med Wuhan** 1984;4(4):236-40
Rotator cuff tears associated with os acromiale [letter] Neer CS 2d. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1320-1
Isolated avulsion of the subscapularis insertion in a child. A case report. White GM, et al. **J Bone Joint Surg [Am]** 1985 Apr;67(4):635-6
Ultrasonography of the rotator cuff: surgical correlation. Crass JR, et al. **JCU** 1984 Oct;12(8):487-91
Current concepts in the diagnosis and treatment of shoulder instability in athletes. Zarins B, et al. **Med Sci Sports Exerc** 1984 Oct;16(5):444-8
[Treatment of ruptures of the short rotator cuff of the shoulder by simple reinsertion of the supraspinatus without translation. Results of 63 cases] Kénési C. **Chirurgie** 1984; 110(4):365-9 (Eng. Abstr.) **(Fre)**
[Pathology of the 'roof of the shoulder' in sport traumatology] Crielaard JM, et al. **Rev Med Liege** 1985 Feb 1;40(3):100-4 **(Fre)**
[Clinical evaluation of the shoulder in athletes] Crielaard JM, et al. **Rev Med Liege** 1985 Feb 15;40(4):140-4 **(Fre)**
[Significance of osseous lesions for the prognosis of shoulder dislocation] Ducrest P, et al. **Z Unfallchir Versicherungsmed Berufskr** 1984;77(2):85-9 **(Ger)**
[Comparative diagnosis of rotator muscle injuries using arthrography, computed tomography and sonography] Habermeyer P, et al. **Z Unfallchir Versicherungsmed Berufskr** 1984;77(3):121-9 **(Ger)**
[Traumatic tears of the rotator cuff and their treatment] Müller HA, et al. **Z Unfallchir Versicherungsmed Berufskr** 1984;77(3):131-8 **(Ger)**
[Surgical management of injuries of the rotator cuff] Varga A, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1985; 28(1):1-10 (Eng. Abstr.) **(Hun)**
[The value of computed tomography in the diagnosis of the rotator cuff tears and bone and soft tissue tumors] Yoh S. **Nippon Seikeigeka Gakkai Zasshi** 1984 Jul;58(7):639-58 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Arthroscopy of the shoulder joint--a cadaver and clinical study. Part 2: Clinical study. Rojvanit V. **Nippon Seikeigeka Gakkai Zasshi** 1984 Oct;58(10):1047-57
[Lesions of the rotator cuff and acromioclavicular joint. Data of arthrography. Apropos of 2 cases] Kuntz JL, et al. **J Radiol** 1984 Aug-Sep;65(8-9):579-80 (Eng. Abstr.) **(Fre)**
[Significance of the limbus glenoidalis for the stability of the shoulder joint] Hertz H. **Wien Klin Wochenschr [Suppl]** 1984;152:1-23 (Eng. Abstr.) **(Ger)**
[Macroscopic and microscopic autopsy findings in the rotator cuff--a study of 195 shoulder joints] Refior HJ, et al. **Z Unfallchir Versicherungsmed Berufskr** 1984;77(3):139-42 **(Ger)**

PHYSIOLOGY

Shoulder function after deltoid muscle removal. Markhede G, et al. **Acta Orthop Scand** 1985 Jun;56(3):242-4
Stability of the shoulder joint. Cadaver study of stabilizing structures. Ovesen J, et al. **Acta Orthop Scand** 1985 Apr; 56(2):149-51
Shoulder function following the loss of the latissimus dorsi muscle. Laitung JK, et al. **Br J Plast Surg** 1985 Jul; 38(3):375-9
Shoulder motion and muscle strength of normal men and women in two age groups. Murray MP, et al. **Clin Orthop** 1985 Jan-Feb;(192):268-73
On the damping properties of the shoulder complex. Engin AE. **J Biomech Eng** 1984 Nov;106(4):360-3

PHYSIOPATHOLOGY

Acromioplasty for impingement syndrome. Thorling J, et al. **Acta Orthop Scand** 1985 Apr;56(2):147-8
Calcifying supracoracoid bursitis as a cause of chronic shoulder pain. Mens J, et al. **Ann Rheum Dis** 1984 Oct; 43(5):758-9
Stress analyses of joint arthroplasty in the proximal humerus. Orr TE, et al. **J Orthop Res** 1985;3(3):360-71
'Zero-position' functional shoulder orthosis. Ozaki J, et al. **Prosthet Orthot Int** 1984 Dec;8(3):139-42
[The painful shoulder in the vertebro-scapulo-humeral system] De Giorgi G, et al. **Chir Organi Mov** 1982-83; 68(4-6):637-41 (Eng. Abstr.) **(Ita)**

RADIOGRAPHY

The double-contrast shoulder arthrogram. A review of 327 studies. Oprins L, et al. **Acta Orthop Belg** 1984 Sep-Oct; 50(5):666-76
Osteoarthritis of the glenohumeral joint: a radiologic-pathologic study. Kerr R, et al. **AJR** 1985 May; 144(5):967-72
Arthrographic findings in hemiplegic shoulders. Hakuno A, et al. **Arch Phys Med Rehabil** 1984 Nov;65(11):706-11
Degenerative disease of the shoulder. Cone RO, et al. **Australas Radiol** 1984 Aug;28(3):232-9 (22 ref.)
Computerized arthrotomography in recurring shoulder dislocations and subluxations. Kinnard P, et al. **Can J Surg** 1984 Sep;27(5):487-8
The geyser sign and torn rotator cuff: clinical significance and pathomechanics. Craig EV. **Clin Orthop** 1984 Dec; (191):213-5
The roentgenographic evaluation of anterior shoulder instability. Pavlov H, et al. **Clin Orthop** 1985 Apr; (194):153-8
Single and double contrast arthrography in lesions of the glenohumeral joint. Ahovuo J. **Eur J Radiol** 1984 Nov; 4(4):237-40
Roentgenographic demonstration of instability of the shoulder: the apical oblique projection. A technical note. Garth WP Jr, et al. **J Bone Joint Surg [Am]** 1984 Dec; 66(9):1450-3
Computed tomographic documentation of intra-articular penetration of a screw after operations on the shoulder. A report of two cases. Lower RF, et al. **J Bone Joint Surg [Am]** 1985 Sep;67(7):1120-2
Loose body within the glenohumeral joint in recurrent anterior dislocation: CT demonstration. Gould R, et al. **J Comput Assist Tomogr** 1985 Mar-Apr;9(2):404-6
Computed tomography of the glenohumeral and sternoclavicular joints. Deutsch AL, et al. **Orthop Clin North Am** 1985 Jul;16(3):497-511
Computed and conventional arthrotomography of the glenohumeral joint: normal anatomy and clinical experience. Deutsch AL, et al. **Radiology** 1984 Dec; 153(3):603-9
Shoulder arthrography: comparison of morbidity after use of various contrast media. Hall FM, et al. **Radiology** 1985 Feb;154(2):339-41
Rheumatoid arthritis of the shoulder. Description and standard radiographs. Dijkstra J, et al. **ROFO** 1985 Feb; 142(2):179-85
Milwaukee Shoulder syndrome: eleven additional cases with involvement of the knee in seven (basic calcium phosphate crystal deposition disease). Halverson PB, et al. **Semin Arthritis Rheum** 1984 Aug;14(1):36-44
[X-ray computed tomography in the study of anterior instability of the shoulder. Study of a series of 23 cases] Delgoffe C, et al. **J Radiol** 1984 Nov;65(11):737-45 (Eng. Abstr.) **(Fre)**
[The hyperostotic shoulder] Fournié B, et al. **Rev Rhum Mal Osteoartic** 1984 Jul-Sep;51(7-8):389-92 (Eng. Abstr.) **(Fre)**
[Role of computerized tomography in the evaluation of the stability of the glenohumeral articulation] Baratelli M, et al. **Radiol Med (Torino)** 1984 Oct;70(10):714-7 (Eng. Abstr.) **(Ita)**
[Double contrast arthrography of the shoulder joint] Ogawa K. **Nippon Seikeigeka Gakkai Zasshi** 1984 Aug;58(8):745-59 (Eng. Abstr.) **(Jpn)**

SURGERY

Shoulder block anesthesia for shoulder reconstruction surgery. Peterson DO. **Anesth Analg** 1985 Mar;64(3):373-5
Shoulder synovectomy. Pahle JA, et al. **Ann Chir Gynaecol [Suppl]** 1985;198:37-9
Shoulder replacement arthroplasty. Pahle JA, et al. **Ann Chir Gynaecol [Suppl]** 1985;198:85-9
Shoulder girdle resection for giant basal cell carcinoma. O'Brien CJ, et al. **Br J Plast Surg** 1984 Oct;37(4):566-7
Carbon fiber replacement of the ligaments of the shoulder girdle and the treatment of lateral instability of the ankle joint. Burri C, et al. **Clin Orthop** 1985 Jun;(196):112-7
Rotator cuff repair with carbon filament. A preliminary report of five cases. Post M. **Clin Orthop** 1985 Jun; (196):154-8
Shoulder arthrodesis for the treatment of brachial plexus palsy. Richards RR, et al. **Clin Orthop** 1985 Sep;(198):250-8

Osteochondral hemiarthroplasty. An experimental investigation in baboons. Roffman M, et al. **Int Orthop** 1985; 9(1):69–75

Major ruptures of the rotator cuff. The results of surgical repair in 89 patients. Watson M. **J Bone Joint Surg [Br]** 1985 Aug;67(4):618–24

Shoulder joint replacement. Worland RL. **Va Med** 1985 Jun; 112(6):382–3

[Subdeltoid approach to the shoulder by the Martini method] Sigut Z. **Acta Chir Orthop Traumatol Cech** 1985 Apr; 52(2):107–12 (Eng. Abstr.) **(Cze)**

[Complete shoulder arthroplasty by the St George method. A preliminary study in patients with rheumatoid arthritis] Jensen CM, et al. **Ugeskr Laeger** 1985 Jan 14;147(3):166–7 (Eng. Abstr.) **(Dan)**

[Shoulder joint replacement by the Neer Mark II method. A preliminary account] Ovesen J. **Ugeskr Laeger** 1985 Apr 15;147(16):1337–9 (Eng. Abstr.) **(Dan)**

[Current role of Latarjet's operation in the treatment of recurrent luxations and anterior instabilities of the shoulder] Delaunay C, et al. **Ann Chir** 1985 Jun;39(5):293–304 (Eng. Abstr.) **(Fre)**

[Lesions of the rotator cuff of the shoulder. Surgical treatment. Apropos of 100 surgically treated cases] Kenesi C, et al. **Rev Rhum Mal Osteoartic** 1985 Feb;52(2):85–9 (Eng. Abstr.) **(Fre)**

[Rotator cuff rupture. Surgical results in relation to the approach] Reichelt A. **Z Orthop** 1985 Jan–Feb;123(1):38–43 (Eng. Abstr.) **(Ger)**

[Late results of the surgical treatment of habitual anterior shoulder dislocation by a modified Eden–Hybbinette method] Herra K, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(3):255–9 (Eng. Abstr.) **(Pol)**

[Chondromatosis of the shoulder joint] Wierzbicki S, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(1):71–3 (Eng. Abstr.) **(Pol)**

[Treatment of habitual shoulder dislocation] Levenets VN, et al. **Ortop Travmatol Protez** 1985 Apr;(4):56–8 **(Rus)**

[Outcome of the surgical treatment of habitual shoulder dislocation] Pelipenko VP, et al. **Ortop Travmatol Protez** 1985 Apr;(4):24–6 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Histopathological and ultrastructural studies of synovium in Milwaukee shoulder syndrome––a basic calcium phosphate crystal arthropathy. Halverson PB, et al. **Ann Rheum Dis** 1984 Oct;43(5):734–41

SHOWDOMYCIN see under **ANTIBIOTICS, ANTINEOPLASTIC**

SHREWS

Serial transplantation to nude mice of an androgen–dependent pilosebaceous tumor developed in Suncus murinus. Itami S, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5666–9

Fecal pellets from a commensal shrew (Suncus murinus) and a house gecko (Gekkonidae). Olsen AR. **J Assoc Off Anal Chem** 1984 Nov–Dec;67(6):1035–6

Breeding the common shrew (Sorex araneus) in captivity. Searle JB. **Lab Anim** 1984 Oct;18(4):359–63

ANATOMY & HISTOLOGY

Ultrastructure of the stomach of the small short–tailed shrew, Blarina brevicauda c. Pfeiffer CJ, et al. **J Submicrosc Cytol** 1985 Jul;17(3):315–26

Gross anatomy of Watase's shrew, Crocidura horsfieldi watasei. Hattori S, et al. **Jikken Dobutsu** 1984 Oct; 33(4):519–24

Laryngeal cartilages in the house musk shrew (Suncus murinus). Nokubi K, et al. **Kaibogaku Zasshi** 1984 Jun; 59(3):187–93

EMBRYOLOGY

Histoenzymological compartmentation of the embryonic shrew tooth. Sood PP, et al. **J Oral Med** 1984 Oct–Dec; 39(4):250–3

GENETICS

Nondisjunction frequencies in Robertsonian heterozygotes from natural populations of the common shrew, Sorex araneus L. Searle JB. **Cytogenet Cell Genet** 1984; 38(4):265–71

METABOLISM

Isolation of the epidermal growth factor from the shrew submaxillary gland. Yip TT, et al. **FEBS Lett** 1985 Aug 5;187(2):345–8

Comparative morphometry of the mitochondria and activity of some enzymes in the myocardium of small mammals. Oron U, et al. **J Mol Cell Cardiol** 1985 Jun;17(6):627–32

MICROBIOLOGY

Isolation of haemorrhagic fever with renal syndrome virus from Suncus murinus, an insectivore [letter] Tang YW, et al. **Lancet** 1985 Mar 2;1(8427):513–4

The occurrence of Salmonellae in house shrews and rats in Ipoh, Malaysia. Joseph PG, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep; 15(3):326–30

PARASITOLOGY

[Detection of echinococcal infection in rodents and shrews caught in Asahikawa and Kushiro districts] Inaoka T, et al. **Hokkaido Igaku Zasshi** 1984 Nov;59(6):728–33 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Gonadal response to psychosocial stress in male tree shrews (Tupaia belangeri) morphometry of testis, epididymis and prostate. Fischer HD, et al. **Andrologia** 1985 May–Jun; 17(3):262–75

Fine structure of the lutein cell in the house musk shrew, Suncus murinus. Hirunagi K, et al. **Cell Tissue Res** 1984; 238(3):447–52

Effect of flutamide on the testis and accessory sex glands of the musk shrew, Suncus murinus L. Singh SK. **Exp Clin Endocrinol** 1984 Jul;84(1):20–6

Role of progesterone on the control of scent marking in Suncus murinus viridescens (Blyth). Balakrishnan M, et al. **Physiol Behav** 1984 Sep;33(3):415–9

Food habits of Microtus, Peromyscus, and Blarina along Kansas roadsides: cause for caution in roadside contamination studies. O'Neill DH, et al. **Trans Kans Acad Sci** 1985 Apr;88(1–2):40–5

SHREWS, TREE see **TUPAIIDAE**

SHRIMP

Hypersensitivity reactions to ingested crustacea: clinical evaluation and diagnostic studies in shrimp–sensitive individuals. Waring NP, et al. **J Allergy Clin Immunol** 1985 Sep;76(3):440–5

A note on the screening of dried shrimps, shrimp paste and raw groundnut kernels for aflatoxin–producing Aspergillus flavus. Sim TS, et al. **J Appl Bacteriol** 1985 Jul;59(1):29–34

[Sanitary–bacteriological characteristics of industrial areas for processing shrimp meat] Grigor'ev IuI. **Gig Sanit** 1984 Nov;(11):89–90 **(Rus)**

ANALYSIS

Amino acid sequence of the beta chain of sarcoplasmic calcium binding protein (SCP) obtained from shrimp tail muscle. Takagi T, et al. **J Biochem (Tokyo)** 1984 Jul; 96(1):59–67

[Technochemical characteristics of canned 'Natural Antarctic shrimp meat' and its nutritive value] Iarochkin AP, et al. **Vopr Pitan** 1985 Mar–Apr;(2):69–72 (Eng. Abstr.) **(Rus)**

[Nutritional evaluation of flour from shrimp heads. By–product residue] Arosemena G. **Rev Med Panama** 1985 Jan;10(1):48–55 (Eng. Abstr.) **(Spa)**

ANATOMY & HISTOLOGY

Morphology of isolated crustacean larval salt glands. Lowy RJ, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):R709–16

ENZYMOLOGY

Mercuric chloride intoxication in freshwater prawn. II. Effect on phosphatases activity. Murti R, et al. **Ecotoxicol Environ Safety** 1984 Dec;8(6):581–6

METABOLISM

The effects of two physiological salines, Locke's and van Harreveld's, on the midgut red chromatophores of the freshwater shrimp, Caridina denticulata. Miyawaki M, et al. **Cell Biol Int Rep** 1985 Jun;9(6):555–9

Alteration in carbohydrate metabolism of freshwater prawn, Macrobrachium lamarrei after dichlorvos exposure [letter] Omkar, et al. **Ind Health** 1984;22(2):133–6

MICROBIOLOGY

The microbiology of cooked prawns and shrimps on retail sale. Greenwood MH, et al. **J Hyg (Lond)** 1985 Jun; 94(3):319–26

PHYSIOLOGY

Isolation and functional characterization of crustacean larval salt gland. Lowy RJ, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):R702–8

Toxicity of a phthalate ester in the diet of a penaied shrimp. Hobson JF, et al. **J Toxicol Environ Health** 1984; 13(4–6):959–68

RADIATION EFFECTS

Comparison of the radiosensitivity of dry dormant eggs, gemmules, and statoblasts of three invertebrate forms. Shimada A, et al. **J Radiat Res (Tokyo)** 1985 Mar; 26(1):123–30

SHWARTZMAN PHENOMENON

Effect of zinc on the local Shwartzman phenomenon. Szilágyi T, et al. **Acta Microbiol Hung** 1984;31(4):355–8

Comparison of the capacity of two lipid A precursor molecules to express the local Shwartzman phenomenon. Galanos C, et al. **Infect Immun** 1985 May;48(2):355–8

Determination of the presence of root–bound endotoxin using the local Shwartzman phenomenon (LSP). Ito K, et al. **J Periodontol** 1985 Jan;56(1):8–17

Fatty acid composition and Shwartzman activity of lipopolysaccharides from oral bacteria. Mashimo J, et al. **Microbiol Immunol** 1985;29(5):395–403

ETIOLOGY

Intravascular coagulation as a clinical manifestation of the Shwartzman reaction. Mori W. **Bibl Haematol** 1983; (49):41–8

[Model of acute appendicitis reproduced by using the Shwartzman phenomenon] Fomin AN. **Patol Fiziol Eksp Ter** 1985 Jan–Feb;(1):59–61 **(Rus)**

PATHOLOGY

Protracted histopathological change of the liver necrosis induced by Shwartzman reaction. An experimental animal model of liver cirrhosis? Shiga J, et al. **Acta Pathol Jpn** 1985 Jan;35(1):103–7

Local Shwartzman reaction in the rectal mucosa in acute diarrhoea. Mathan MM, et al. **J Pathol** 1985 Jul; 146(3):179–87

PHYSIOPATHOLOGY

Alterations in the generalized Shwartzman reaction induced by cyclosporine. Bock GH, et al. **Transplantation** 1985 Jul; 40(1):97–100

SHY–DRAGER SYNDROME see under **AUTONOMIC NERVOUS SYSTEM DISEASES**

SIADH see **INAPPROPRIATE ADH SYNDROME**

SIALADENITIS see under **SALIVARY GLAND DISEASES**

SIALIC ACIDS

Common conditions for high–performance liquid chromatographic microdetermination of aldoses, hexosamines, and sialic acids in glycoproteins. Honda S, et al. **Anal Biochem** 1984 Oct;142(1):167–74

Studies on the structure and carbohydrate binding properties of lobster agglutinin 1 (LAg1), a sialic acid–binding lectin. Abel CA, et al. **Prog Clin Biol Res** 1984;157:103–14

Lectins of the Limulidae and hemagglutination–inhibition by sialic acid analogs and derivatives. Cohen E, et al. **Prog Clin Biol Res** 1984;157:55–69

Limax flavus agglutinin: properties of a sialic acid specific lectin and its biomedical application. Miller RL, et al. **Prog Clin Biol Res** 1984;157:31–41

ANALYSIS

N–acetylneuraminic acid concentrations in human milk oligosaccharides and glycoproteins during lactation. Carlson SE. **Am J Clin Nutr** 1985 Apr;41(4):720–6

Reduced sialylation of podocalyxin––the major sialoprotein of the rat kidney glomerulus––in aminonucleoside nephrosis. Kerjaschki D, et al. **Am J Pathol** 1985 Mar; 118(3):343–9

Interaction of low density lipoproteins with arterial proteoglycans. The role of charge and sialic acid content. Camejo G, et al. **Atherosclerosis** 1985 Apr;55(1):93–105

Sialic acid moiety is responsible for the charge heterogeneity and the biological potency of rat lutropin. Hattori M, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):501–8

Human X– and Y–bearing sperm differ in cell surface sialic acid content. Kaneko S, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):950–5

Effects of variant gamma chains and sialic acid content of fibrinogen upon its interactions with ADP–stimulated human and rabbit platelets. Harfenist EJ, et al. **Blood** 1984 Dec;64(6):1163–8

Sialic acid in mature megakaryocytes: detection by wheat germ agglutinin. Schick PK, et al. **Blood** 1985 May; 65(5):1120–6

Sialic acids of a new type from the lipopolysaccharides of Pseudomonas aeruginosa and Shigella boydii. Knirel YA, et al. **Carbohydr Res** 1984 Oct 15;133(2):C5–8

G.l.c. of O–methyloxime and alditol acetate derivatives of neutral sugars, hexosamines, and sialic acids: 'one–pot' quantitative determination of the carbohydrate constituents of glycoproteins and a study of the selectivity of alkaline borohydride reductions. Neeser JR. **Carbohydr Res** 1985 May 15;138(2):189–98

Sialic acid–containing sugar chains of hen ovalbumin and ovomucoid. Yamashita K, et al. **Carbohydr Res** 1984 Jul 15;130:271–88

A new technique for studying the relationship between maternal diabetes and the sialic acid content of fetal pulmonary surfactant. Delahunty T. **Clin Chem** 1984 Nov; 30(11):1851–3

Variations in sialic acid content of gamma–glutamyltransferase: a consequence for immunochemical determinations? Wellman–Bednawska M, et al. **Clin Chim Acta** 1985 May 15;148(1):21–30

'Cytoplasmic' islet cell antibodies. Evidence that the target antigen is a sialoglycoconjugate. Nayak RC, et al. **Diabetes** 1985 Jun;34(6):617–9

Combined measurement and significance of lipid–bound sialic

acid and carcinoembryonic antigen in detection of human cancer. Munjal DD, et al. **Diagn Immunol** 1984;2(1):36-43
Increased sialylation of complex glycopeptides during differentiation of mouse embryonal carcinoma cells. Cossu G, et al. **Differentiation** 1985;29(1):63-7
Trypanosoma cruzi: surface charge and freeze-fracture of amastigotes. De Carvalho TU, et al. **Exp Parasitol** 1985 Feb;59(1):12-23
Demonstration of sialic acid groups in the glomerular basement membrane of the rat with phosphotungstic acid at low pH. Quatacker J. **Histochem J** 1985 Feb;17(2):201-12
Chemical and histochemical studies of normal and diseased gastrointestinal tract. IV. A comparison of histochemical and chemical methods for the estimation of side chain O-acylated sialic acids. Reid PE, et al. **Histochem J** 1985 Feb;17(2):183-7
Chemical and histochemical studies of normal and diseased human gastrointestinal tract. III. Changes in the histochemical and chemical properties of the epithelial glycoproteins in the mucosa close to colonic tumours. Reid PE, et al. **Histochem J** 1985 Feb;17(2):171-81
Identification of a disialoganglioside (GD1a) containing terminal N-acetyl-9-O-acetylneuraminic acid in rat erythrocytes. Gowda DC, et al.
Hoppe Seylers Z Physiol Chem 1984 Oct;365(10):1247-53
Beta-lactamase with high molecular weight: evidence for an interaction with neuraminic acid-containing structures. Jouvenot M, et al. **J Antimicrob Chemother** 1984 Nov; 14(5):549-52
Isoforms of apolipoprotein A-II in human plasma and thoracic duct lymph. Identification of proapolipoprotein A-II and sialic acid-containing isoforms. Lackner KJ, et al. **J Biol Chem** 1985 Jan 25;260(2):703-6
N-Acetylneuraminic acid and N-glycolylneuraminic acid in the O-linked oligosaccharides of a tumor cell glycoprotein. Incorporation and distribution. Sherblom AP, et al.
J Biol Chem 1985 Feb 10;260(3):1484-92
Structural analysis of underivatized sialic acids by combined high-performance liquid chromatography-mass spectrometry. Shukla AK, et al. **J Chromatogr** 1985 Feb 8;337(2):231-8
Distribution of sialoglycoconjugates on the luminal surface of the endothelial cell in the fenestrated capillaries of the pancreas. Muresan V, et al. **J Histochem Cytochem** 1985 May;33(5):474-6
Histochemical methods for characterizing secretory and cell surface sialoglycoconjugates. Schulte BA, et al.
J Histochem Cytochem 1985 May;33(5):427-38
An immunochemical procedure to evaluate the degree of desialylation of alpha 1-acid glycoprotein in rat serum. Biou D, et al. **J Immunol Methods** 1984 Nov 30; 74(2):267-71
Absence of sialic acid in lipopolysaccharide (LPS) preparations from Trypanosoma cruzi. Goldberg SS, et al. **J Parasitol** 1984 Jun;70(3):331-2
Effect of the sialylation state of alpha 1-acid glycoprotein on propranolol binding. Primozic S, et al. **J Pharm Sci** 1985 Apr;74(4):473-5
Sialylated Lewis antigen detected in the sera of cancer patients [letter] Iguro T, et al. **Lancet** 1984 Oct 6; 2(8406):817-8
Sialic acid (N-acetylneuraminic acid) in the synovial fluid and serum of patients with inflammatory and non-inflammatory joint disease. Omdal R, et al.
Scand J Rheumatol 1985;14(1):87-9
An improved method for identifying
8-O-acetyl-N-acetylneuraminic acid. Hayama M, et al.
Stain Technol 1985 Jul;60(4):201-5
Expression of receptors for Fc portion of IgM (Fc mu . R) and surface neuraminic acid on the human peripheral lymphocytes. Kataoka S, et al. **Tohoku J Exp Med** 1985 Jan;145(1):73-84
Differentiation between Trypanosoma cruzi and
Trypanosoma rangeli on the basis of their sialic acid content. Schottelius J. **Tropenmed Parasitol** 1984 Sep; 35(3):160-2
Qualitative and quantitative analysis of erythrocyte surface membrane sialyl residues using affinity cytochemistry with special reference to diabetic patients. Suganuma T, et al. **Virchows Arch [Cell Pathol]** 1985;49(1):1-11
[Sialic acid in malignancy] Araki E. **Rinsho Byori** 1985 Jan; 33(1):19-26 (34 ref.) **(Jpn)**
[Chromatographic-mass spectrometric analysis of sialic acids of disialosyllactosylceramides from the calf thymus] Sadovskaia VL, et al. **Bioorg Khim** 1984 Aug;10(8):1114-8 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Membrane proteins correlated with expression of the polysialic acid capsule in Escherichia coli K1. Whitfield C, et al. **J Bacteriol** 1985 Feb;161(2):743-9
Sialylation of glycoprotein oligosaccharides with N-acetyl-, N-glycolyl-, and N-O-diacetylneuraminic acids. Higa HH, et al. **J Biol Chem** 1985 Jul 25;260(15):8838-49
Biosynthesis and assembly of the polysialic acid capsule in Escherichia coli K1. Activation of sialyl polymer synthesis in inactivate sialyltransferase complexes requires protein synthesis. Whitfield C, et al. **J Biol Chem** 1984 Oct 25; 259(20):12776-80
Biosynthesis and assembly of the polysialic acid capsule in Escherichia coli K1. Role of a low-density vesicle fraction in activation of the endogenous synthesis of sialyl polymers. Whitfield C, et al. **J Biol Chem** 1984 Oct 25; 259(20):12769-75
Regeneration of membrane sialic acid after neuraminidase treatment of leukemic granulocytes. Taub RN, et al. **Leuk Res** 1985;9(4):507-10
Overproduction of N-acetylneuraminic acid (sialic acid) by sialuria fibroblasts. Thomas GH, et al. **Pediatr Res** 1985 May;19(5):451-5

BLOOD

Rheological characteristics of desialylated erythrocytes in relation to fibrinogen-induced aggregation. Maeda N, et al. **Biochim Biophys Acta** 1984 Sep 19;776(1):151-8
Partial resialylation of human asialotransferrin types 1 and 2 in the rat. Regoeczi E, et al.
Can J Biochem Cell Biol 1984 Sep;62(9):853-8
Use and limitations of serum total and lipid-bound sialic acid concentrations as markers for colorectal cancer. Erbil KM, et al. **Cancer** 1985 Jan 15;55(2):404-9
Prevention of leukemia and the increase of plasma levels of lipid-bound sialic acid by allogeneic bone marrow transplantation in mice. Wustrow TP, et al. **Cancer Res** 1985 Mar;45(3):1097-100
Erythrocyte sialic acid alterations in experimental diabetes. Gavella M, et al. **Cell Mol Biol** 1985;31(2):75-80
Evaluation of the degree of desialylation of serum C1-inactivator and haemopexin. Serbource-Goguel Seta NS, et al. **Clin Chim Acta** 1984 Nov 30;143(3):235-41
Sialic acid residues contribute to the heterogeneity of human serum ribonuclease: demonstration by isoelectric focusing and neuraminidase treatment of serum. Thomas JM, et al. **Clin Chim Acta** 1984 Sep 15;142(1):73-81
Clinical significance of plasma lipid-bound sialic acid (LBSA) and carcinoembryonic antigen (CEA) in gynaecologic cancer patients. Tredese F, et al. **Eur J Gynaecol Oncol** 1985;6(2):136-8
Detection of gastric cancer by a combination of tissue polypeptide antigen (TPA), lipid-bound sialic acid (LBSA) and carcinoembryonic antigen (CEA). Uehara Y, et al. **Gastroenterol Jpn** 1984 Oct;19(5):424-9
Osmotic resistance of rat erythrocytes in hyperinsulinism and streptozotocin-diabetes as compared with cholesterol and sialic acid contents of erythrocyte ghosts. Sosin D, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:89-91
Unusual sialilation of three different rare genetic variants of serum DBP: Gc1A17, Gc1A16, and Gc1A11. Thymann M, et al. **Hum Genet** 1985;69(3):224-7
A study of serum sialic acid levels. Ahmad P, et al.
Indian Pediatr 1984 May;21(5):395-7
Serum sialic acid in malignant tumors, bacterial infections, and chronic liver diseases. Stefenelli N, et al.
J Cancer Res Clin Oncol 1985;109(1):55-9
Serum sialic acid in normals and in cancer patients. Shamberger RJ. **J Clin Chem Clin Biochem** 1984 Oct; 22(10):647-51
Relation between raised concentrations of fucose, sialic acid, and acute phase proteins in serum from patients with cancer: choosing suitable serum glycoprotein markers. Turner GA, et al. **J Clin Pathol** 1985 May;38(5):588-92
Sialic acid content of erythrocytes in uremic patients. Correlation with the age distribution of erythrocytes as assessed by glutamic oxaloacetic transaminase determination. Gafter U, et al. **Nephron** 1985;40(4):463-6
Elevation in blood sialic acid and mucoprotein levels during hepatic abscess in cattle. Motoi Y, et al.
Nippon Juigaku Zasshi 1985 Jun;47(3):341-7
Lipid bound sialic acid in cancer patients. Salvagno L, et al. **Tumori** 1985 Apr 30;71(2):127-33
[Effect of levamisole on the level of antihemagglutinins, serum sialic acid and lysozyme in the aerosol vaccination of chickens against Newcastle disease] Angelov AT, et al. **Vet Med Nauki** 1984;21(10):63-6 (Eng. Abstr.) **(Bul)**
[Value of N-acetylneuraminic acid (NANA) in the serum of patients with gynecologic cancers] Schrempel A, et al. **Zentralbl Gynakol** 1985;107(3):175-8 (Eng. Abstr.) **(Ger)**
[Serum sialic acid levels in acute urinary tract infection] Ohkawa M, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jun;75(6):951-8 (Eng. Abstr.) **(Jpn)**
[Blood serum sialic acids in the diagnosis of ovarian tumors] Makhova EE, et al. **Akush Ginekol (Mosk)** 1985 Mar; (3):54-5 **(Rus)**

CEREBROSPINAL FLUID

Total and lipid-bound sialic acid in the cerebrospinal fluid of patients with brain tumors. Kakari S, et al.
Anticancer Res 1984 Jul-Oct;4(4-5):313-6
Sialic acid-deficient serum and cerebrospinal fluid transferrin in a newly recognized genetic syndrome. Jaeken J, et al. **Clin Chim Acta** 1984 Dec 29;144(2-3):245-7
Cerebrospinal fluid & serum sialic acid levels in pyogenic meningitis. Kumar A, et al. **Indian J Med Res** 1984 May; 79:647-51
Cerebrospinal fluid sialic acid in tuberculous meningitis. Ahmad P, et al. **Indian Pediatr** 1985 Mar;22(3):191-4

IMMUNOLOGY

A sialic-acid-specific lectin from Cepaea hortensis that promotes phagocytosis of a group-B, type-Ia, streptococcal strain. Holm SE, et al. **J Med Microbiol** 1985 Jun;19(3):317-23
Li cold agglutinin: a further antibody recognizing sialic acid-dependent antigens fully expressed on newborn erythrocytes. Roelcke D. **Vox Sang** 1985;48(3):181-3

ISOLATION & PURIFICATION

Characterization of 2,7-anhydro-N-acetylneuraminic acid in human wet cerumen. Suzuki M, et al.
J Biochem (Tokyo) 1985 Feb;97(2):509-15

METABOLISM

Blood and urinary heparin and N-acetylneuraminic acid in children with urticaria pigmentosa. Gumińska M, et al. **Acta Med Pol** 1983;24(1-4):87-92
Intralumenal pool and transport of
CMP-N-acetylneuraminic acid, GDP-fucose and
UDP-galactose. Study with
plasma-membrane-permeabilized mouse thymocytes.
Cacan R, et al. **Biochem J** 1984 Nov 15;224(1):277-84
The metabolism of sialic acids in isolated rat colonic mucosal cells. Corfield AP, et al. **Biochem J** 1985 Feb 15; 226(1):163-74
Identification and characterization of
N-acetyl-2,3-didehydro-2-deoxyneuraminic acid as a metabolite in mammalian brain. Saito M, et al.
Biochemistry 1984 Jul 31;23(16):3784-8
Effect of nucleotides on translocation of sugar nucleotides and adenosine 3'-phosphate 5'-phosphosulfate into Golgi apparatus vesicles. Capasso JM, et al.
Biochim Biophys Acta 1984 Oct 17;777(1):133-9
Rat colonic mucosal cell sialic acid metabolism in azoxymethane-induced tumours. Corfield AP, et al.
Biochim Biophys Acta 1985 Jun 18;840(2):264-70
Accumulation of N-acetylneuraminic acid (sialic acid) in human fibroblasts cultured in the presence of N-acetylmannosamine. Thomas GH, et al.
Biochim Biophys Acta 1985 Jul 30;846(1):37-43
Noncollagenous proteins in normal and pathological human bone. Quelch KJ, et al. **Calcif Tissue Int** 1984 Sep; 36(5):545-9
Temporal correlation of changes in rat brain sialic acid and in inhibition of Na++K+ ATPase with ethanol tolerance. Rangaraj N, et al. **Can J Physiol Pharmacol** 1984 Aug; 62(8):899-904
Enhancement by retinoic acid of the sensitivity of different tumor cell lines to the sialic acid-specific toxin of Entamoeba histolytica. Feingold C, et al. **Cancer Lett** 1984 Oct;24(3):263-71
Effects of pyrimidine antagonists on sialic acid regeneration in HL-60 cells. Hindenburg AA, et al. **Cancer Res** 1985 Jul;45(7):3048-52
Elevated serum and urine sialic acid levels in renal diseases of childhood. Asami T, et al. **Clin Nephrol** 1985 Mar; 23(3):112-9
Evidence that desialylation and uptake by hepatic receptors for galactose-terminated glycoproteins are immaterial to the metabolism of human choriogonadotropin in the rat. Lefort GP, et al. **Endocrinology** 1984 Oct;115(4):1551-7
Study of spontaneous rosette formation and changes of sialic acid content in the surface glycoproteins of macrophages induced by hamster transplantable melanomas. Kozłowska K, et al. **Exp Pathol** 1985;27(2):123-8
Differential binding of conA and WGA on the cell surface, the role of sialic acid in their expression and the increased activity of sialidase after cis-Platin treatment. Sodhi A, et al. **Experientia** 1985 Jan 15;41(1):93-5
Histochemical procedures for the simultaneous visualization of sialic acid, its side chain O-acyl variants and O-sulphate ester. Reid PE, et al. **Histochem J** 1985 Jan;17(1):113-7
Metabolism of sialic acids from exogenously administered sialyllactose and mucin in mouse and rat. Nöhle U, et al.
Hoppe Seylers Z Physiol Chem 1984 Dec;365(12):1457-67
Circular dichroism studies on carcinoscorpin, the sialic acid binding lectin of horseshoe crab, Carcinoscorpius rotundacauda. Mohan S, et al.
Indian J Biochem Biophys 1984 Jun;21(3):151-4
Sialic acid on the surface of photoreceptors and pigment epithelium in RCS rats. Cohen D, et al.
Invest Ophthalmol Vis Sci 1984 Nov;25(11):1342-5
Role of lipid intermediate(s) in the synthesis of serogroup B Neisseria meningitidis capsular polysaccharide. Masson L, et al. **J Bacteriol** 1985 Mar;161(3):861-7
Studies on the interaction of Clostridium perfringens sialidase with sialic acid linked to the internal galactose in monosialoganglioside ceramide. Corfield AP, et al.
J Biochem (Tokyo) 1985 Feb;97(2):449-61
Cleavage of the polysialosyl units of brain glycoproteins by a bacteriophage endosialidase. Involvement of a long oligosaccharide segment in molecular interactions of polysialic acid. Finne J, et al. **J Biol Chem** 1985 Jan 25; 260(2):1265-70
The transport and utilization of acetyl coenzyme A by rat liver Golgi vesicles. O-acetylated sialic acids are a major product. Varki A, et al. **J Biol Chem** 1985 Jun 10; 260(11):6600-8
Light and electron microscopic demonstration of sialic acid residues with the lectin from Limax flavus: a cytochemical affinity technique with the use of fetuin-gold complexes. Roth J, et al. **J Histochem Cytochem** 1984 Nov; 32(11):1167-76
Removal or oxidation of surface membrane sialic acid inhibits formyl-peptide-induced polymorphonuclear leukocyte chemotaxis. Perez HD, et al. **J Immunol** 1985 Mar;

134(3):1902-8

Sialic acid moieties on surface glycoproteins protect endothelial cells from proteolytic damage. Görög P, et al. **J Pathol** 1985 Jul;146(3):205-12

Binding of iron beads to sialic acid residues on macrophage membranes stimulates arachidonic acid metabolism. Kouzan S, et al. **Lab Invest** 1985 Sep;53(3):320-7

The relationship between sialic acid content and peanut agglutinin binding on senescent and enzyme treated human erythrocytes. Skutelsky E, et al. **Mech Ageing Dev** 1985 Jun;31(1):13-23

Effect of desialylation of very low-density lipoproteins on their catabolism by lipoprotein lipase. Stoline AM, et al. **Metabolism** 1985 Jan;34(1):30-5

Incorporation of sialic acid into Trypanosoma cruzi macromolecules. A proposal for a new metabolic route. Previato JO, et al. **Mol Biochem Parasitol** 1985 Jun;16(1):85-96

Spin labelling of sialic acid and galactose residues on lymphocyte plasma membrane: effects of lectins on oligosaccharide dynamics. Sharom FJ, et al. **Mol Immunol** 1985 May;22(5):521-30

Mechanisms of glycosylation and sulfation in the Golgi apparatus: evidence for nucleotide sugar/nucleoside monophosphate and nucleotide sulfate/nucleoside monophosphate antiports in the Golgi apparatus membrane. Capasso JM, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7051-5

Sialic acid is incorporated into influenza hemagglutinin glycoproteins in the absence of viral neuraminidase. Basak S, et al. **Virus Res** 1985 Feb;2(1):61-8

[Role of sialic acid loss in the myocardium in depressing the contractile function of the heart muscle during stress] Meerson FZ, et al. **Vopr Med Khim** 1985 Mar-Apr;31(2):118-20 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Arrest of metastatic cells: agents promoting and inhibiting instant non-specific adhesion by fibronectin. Hills BA. **Anticancer Res** 1985 May-Jun;5(3):287-91

Effect of pregnancy plasma, neuraminidase and sialic acid on phytohemagglutinin-induced human lymphocyte response. Rajan R, et al. **Biol Res Pregnancy Perinatol** 1984;5(3):113-7

Inhibitory effects of mannose and N-acetylneuraminic acid on the envelope and the adherence of a Neisseria gonorrhoeae isolate to rabbit mesentery. Jacques M, et al. **Exp Biol** 1985;43(4):257-62

Binding of complement component C3b to glycoprotein C is modulated by sialic acid on herpes simplex virus type 1-infected cells. Smiley ML, et al. **J Virol** 1985 Sep;55(3):857-61

PHYSIOLOGY

Removal of sialic acids from the purified insulin receptor results in enhanced insulin-binding and kinase activities. Fujita-Yamaguchi Y, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):739-45

Possible role of sialic acid and endogenous neuraminidase in T-cell proliferation. Stancou R, et al. **Cell Biol Int Rep** 1984 Aug;8(8):637-47

Glycolipid receptor for human migration inhibitory factor: fucose and sialic acid are important for the human monocyte response to migration inhibitory factor. Liu DY, et al. **Cell Immunol** 1985 Feb;90(2):539-46

The role of sialic acid in the nerve terminal for the release of transmitter. Nishimura M, et al. **Life Sci** 1984 Dec 10;35(24):2435-41

Involvement of sialic acid on endothelial cells in organ-specific lymphocyte recirculation. Rosen SD, et al. **Science** 1985 May 24;228(4702):1005-7

RADIATION EFFECTS

[Changes in sialic acid levels in blood platelets in whole-body irradiated rats] Polívková J, et al. **Sb Lek** 1985 May;87(5):132-7 (Eng. Abstr.) **(Cze)**

SECRETION

Analysis of mammary tumour cell metastasis and release of bound n-acetylneuraminic acid. Hoon DB, et al. **Br J Cancer** 1985 Jun;51(6):775-81

URINE

A simple enzymatic determination of urinary sialic acid--its significance in the diagnosis of disorders of sialic acid metabolism. Okamura-Oho Y, et al. **Clin Chim Acta** 1984 Dec 29;144(2-3):263-7

Hyperexcretion of free N-acetylneuraminic acid--a novel type of sialuria. Palo J, et al. **Clin Chim Acta** 1985 Feb 15;145(3):237-42

Finnish type of sialic acid storage disease with sialuria (Salla disease): the occurrence and diagnostic significance of cytoplasmic vacuoles in blood lymphocytes. Similä S, et al. **J Ment Defic Res** 1985 Jun;29 (Pt 2):179-86

Familial lysosomal storage disease with generalized vacuolization and sialic aciduria. Sporadic Salla disease. Wolburg-Buchholz K, et al. **Neuropediatrics** 1985 May;16(2):67-75

Overproduction of N-acetylneuraminic acid (sialic acid) by sialuria fibroblasts. Thomas GH, et al. **Pediatr Res** 1985 May;19(5):451-5

Copper and zinc metabolism in aspartylglycosaminuria and Salla disease. van Langevelde F, et al. **Sci Total Environ** 1985 Mar 15;42(1-2):171-80

SIALIDASE see **NEURAMINIDASE**

SIALOGLYCOPEPTIDES see **SIALOGLYCOPROTEINS**

SIALOGLYCOPROTEINS

13C-NMR spectral study of reductively [13C]methylated glycophorin B. Carter RD, et al. **Biochim Biophys Acta** 1984 Nov 9;790(3):285-7

ANALYSIS

Sialoglycoproteins and sialoglycolipids contribute to the negative surface charge of epimastigote and trypomastigote forms of Trypanosoma cruzi. Souto-Padrón T, et al. **Biochim Biophys Acta** 1985 Mar 28;814(1):163-9

Sialyl glycoprotein distribution on the plasma membrane of ejaculated ram spermatozoa. Malik Z, et al. **Biol Cell** 1985;54(1):93-9

Sialoglycoproteins of ejaculated human spermatozoa and seminal plasma. Wongkome C, et al. **Int J Androl** 1984 Aug;7(4):352-61

Epitopes immunologically related to glycophorin A on human malignant and non-malignant cells in culture. Barsoum AL, et al. **Int J Cancer** 1984 Dec 15;34(6):789-95

Rabbit corneal endothelial cell surface glycoproteins. Panjwani N, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):450-6

Biochemical characteristics and protein composition of murine saliva evoked in vivo by receptor-selective agonists. Nieuw Amerongen AV, et al. **J Biol Buccale** 1985 Jun;13(2):167-78

N-Acetylneuraminic acid and N-glycolylneuraminic acid in the O-linked oligosaccharides of a tumor cell glycoprotein. Incorporation and distribution. Sherblom AP, et al. **J Biol Chem** 1985 Feb 10;260(3):1484-92

Histochemical methods for characterizing secretory and cell surface sialoglycoconjugates. Schulte BA, et al. **J Histochem Cytochem** 1985 May;33(5):427-38

Scrapie PrP 27-30 is a sialoglycoprotein. Bolton DC, et al. **J Virol** 1985 Feb;53(2):596-606

Sialylated oligosaccharides O-glycosidically linked to glycoprotein C from herpes simplex virus type 1. Dall'Olio F, et al. **J Virol** 1985 Oct;56(1):127-34

Localization and distribution of anionic charges in the glomerular mesangium of normal and nephrotic rats. Grond J, et al. **Virchows Arch [Cell Pathol]** 1985;48(2):135-43

Varicella-zoster virus envelope glycoproteins: biochemical characterization and identification in clinical material. Edson CM, et al. **Virology** 1985 Aug;145(1):62-71

BIOSYNTHESIS

The cell specificity and biosynthesis of mouse glycophorins studied with monoclonal antibodies. Kasturi K, et al. **Exp Cell Res** 1985 Mar;157(1):253-64

Biosynthesis of the major human red cell sialoglycoprotein, glycophorin A. O-Glycosylation. Jokinen M, et al. **J Biol Chem** 1985 Sep 15;260(20):11314-21

BLOOD

Red cell membrane sialoglycoprotein beta in homozygous and heterozygous 4.1(-) hereditary elliptocytosis. Alloisio N, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):57-62

Altered membrane sialoglycoproteins in human erythrocytes lacking the Gerbich blood group antigens. Dahr W, et al. **Biol Chem Hoppe Seyler** 1985 Feb;366(2):201-11

Electrophoretic and lectin-binding properties of glycopeptides released from the membrane during 'in vitro' aging of human erythrocytes. Pallavicini G, et al. **Biomed Biochim Acta** 1984;43(7):955-61

The large sialoglycoprotein of human lymphocytes. I. Distribution on T and B lineage cells as revealed by a monospecific chicken antibody. Axelsson B, et al. **Eur J Immunol** 1985 May;15(5):417-26

The large sialoglycoprotein of human lymphocytes. II. Biochemical features. Axelsson B, et al. **Eur J Immunol** 1985 May;15(5):427-33

The biosynthesis and fatty acid acylation of the murine erythrocyte sialoglycoproteins. Dolci ED, et al. **J Biol Chem** 1985 Sep 5;260(19):10728-35

Indications that the erythrocyte receptor involved in enterotoxigenic Escherichia coli attachment is a sialoglycoconjugate. Bartus H, et al. **J Clin Microbiol** 1985 Jun;21(6):951-4

Serum protein bound sialic acid in diabetes mellitus. Anand VK, et al. **J Postgrad Med** 1984 Apr;30(2):75-9

Serological thermo-stability of M- and N-active sialoglycoprotein preparations from OM and ON human erythrocytes. Okazaki S, et al. **Nippon Hoigaku Zasshi** 1984 Apr;38(2):147-51

Identification and function of transmembrane glycoproteins--the red cell model. Wise GE. **Tissue Cell** 1984;16(5):665-76

GENETICS

Regulation of glycophorin gene expression by a tumor-promoting phorbol ester in human leukemic K562 cells. Siebert PD, et al. **J Biol Chem** 1985 Jan 10;260(1):640-5

IMMUNOLOGY

Mouse erythrocyte membrane sialoglycoproteins and their involvement in the interaction with mouse rosette forming human lymphocytes. Krotkiewski H, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(5):613-20

High frequency antigens of human erythrocyte membrane sialoglycoproteins. I. Ena receptors in the glycosylated domain of the MN sialoglycoprotein. Dahr W, et al. **Biol Chem Hoppe Seyler** 1985 Jan;366(1):41-51

Cryptic I antigen activity and Mycoplasma pneumoniae-receptor activity associated with sialoglycoprotein GP-2 of bovine erythrocyte membranes. Feizi T, et al. **Biosci Rep** 1984 Sep;4(9):743-9

Late expression of M and N antigens on glycophorin A during erythroid differentiation. Ekblom M, et al. **Blood** 1985 Jul;66(1):233-6

Chemoattractant lymphokines specific for the helper/inducer T-lymphocyte subset. Berman JS, et al. **Cell Immunol** 1985 Oct 1;95(1):105-12

The appearance of eosinophil-directed chemotactic inhibitory factor in the serum of complete Freund's adjuvant-treated guinea pigs. Hirashima M, et al. **Cell Immunol** 1984 Nov;89(1):113-21

Induction of tolerance by haptenated liposomes carrying mouse erythrocyte membrane glycoprotein. Hitsumoto Y, et al. **Immunology** 1984 Dec;53(4):847-54

Lymphocyte chemotaxis in inflammation. X. Heterogeneity of chemotactic responsiveness in human T subsets towards lymphocyte chemotactic factors from delayed hypersensitivity reaction site. Mibu Y, et al. **Immunology** 1985 Jul;55(3):473-9

Synthesis of the Mg antigenic determinant and peptide analogs related to human glycophorin A. Ferrari B, et al. **Int J Pept Protein Res** 1984 Nov;24(5):488-97

The Wrb antigen in Sta-positive and Dantu-positive human erythrocytes. Ridgwell K, et al. **J Immunogenet** 1984 Oct-Dec;11(5-6):365-70

Binding specificities of eight monoclonal antibodies to human glycophorin A--studies with McM, and MkEn(UK) variant human erythrocytes and M- and MNV-type chimpanzee erythrocytes. Bigbee WL, et al. **J Immunol** 1984 Dec;133(6):3149-55

Flow cytometric characterization of normal and variant cells with monoclonal antibodies specific for glycophorin A. Langlois RG, et al. **J Immunol** 1985 Jun;134(6):4009-17

Monoclonal antibody BA-1 recognizes a novel human leukocyte cell surface sialoglycoprotein complex. Pirruccello SJ, et al. **J Immunol** 1985 Jun;134(6):3962-8

Wright's b determinant, monoclonal antibodies, and Plasmodium falciparum merozoite invasion [letter] Schulman S, et al. **Lancet** 1984 Oct 20;2(8408):934-5

Monoclonal antibodies to cyanogen bromide fragments of glycophorin A. Barsoum AL, et al. **Mol Immunol** 1985 Apr;22(4):361-7

Glycophorin A on normal and leukemia cells detected by monoclonal antibodies, including a new monoclonal antibody reactive with glycophorins A and B. Rearden A, et al. **Mol Immunol** 1985 Apr;22(4):369-78

An erythrocyte Pr auto-antibody with sialoglycoprotein specificity in a patient with purine nucleoside phosphorylase deficiency. McGinniss MH, et al. **Transfusion** 1985 Mar-Apr;25(2):131-6

ISOLATION & PURIFICATION

Selective solubilization by melittin of glycophorin A and acetylcholinesterase from human erythrocyte ghosts. Maulet Y, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):594-601

METABOLISM

Phosphorylation of glycophorin A in membranes of intact human erythrocytes. Dzandu JK, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):878-84

Gangliosides and sialosylglycoproteins in coated vesicles from bovine brain. Gravotta D, et al. **Biochem J** 1985 Feb 1;225(3):713-21

A 13C-methylation study of glycophorin A intact erythrocytes by 13C-NMR spectroscopy. Carter RD, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):396-402

The influence of lipid composition and lectin-glycophorin interaction on the rotational diffusion of glycophorin in vesicles, as measured by time-resolved phosphorescence depolarization. van Hoogevest P, et al. **Biochim Biophys Acta** 1985 Feb 28;813(1):1-9

Enhancement by retinoic acid of the sensitivity of different tumor cell lines to the sialic acid-specific toxin of Entamoeba histolytica. Feingold C, et al. **Cancer Lett** 1984 Oct;24(3):263-71

Correlation of retinoic acid-enhanced sialyltransferase activity and glycosylation of specific cell surface sialoglycoproteins with growth inhibition in a murine melanoma cell system. Lotan R, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5805-12

Identification of the major human sialoglycoprotein from red cells, glycophorin AM, as the receptor for Escherichia coli IH 11165 and characterization of the receptor site. Jokinen M, et al. **Eur J Biochem** 1985 Feb 15;147(1):47-52

Rapid reconstitution of a transmembrane protein into supported planar lipid membranes. Nakanishi M. **FEBS Lett** 1984 Oct 29;176(2):385-8

Histochemical localization of sialoglycoconjugates with a sialic acid-specific lectin from the slug Limax flavus. Schulte BA, et al. **Histochem J** 1984 Oct;16(10):1125-32

Diffusion of target cell membrane proteins allows recognition of cryptic binding sites by Mycoplasma pulmonis hemagglutinin. Minion FC, et al. **Infect Immun** 1985 May; 48(2):579-80

Effect of lipid composition on HVJ-mediated fusion of glycophorin liposomes to erythrocytes. Umeda M, et al. **J Biochem (Tokyo)** 1985 May;97(5):1301-10

Interaction between glycophorin and ganglioside GM1 on liposomal membranes. Effect of the interaction on the susceptibility of membranes to HVJ. Umeda M, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):229-35

Differentiation of human erythroid cells is associated with increased O-glycosylation of the major sialoglycoprotein, glycophorin A. Gahmberg CG, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6752-6

PHYSIOLOGY

Role of the carbohydrate domains of glycophorins as erythrocyte receptors for invasion by Plasmodium falciparum merozoites. Vanderberg JP, et al. **Infect Immun** 1985 Jan;47(1):201-10

Erythrocyte membrane rigidity induced by glycophorin A-ligand interaction. Evidence for a ligand-induced association between glycophorin A and skeletal proteins. Chasis JA, et al. **J Clin Invest** 1985 Jun;75(6):1919-26

Hydrophobic interactions in Plasmodium falciparum invasion into human erythrocytes. Breuer WV, et al. **Mol Biochem Parasitol** 1984 Jun;12(2):125-38

SIALOGRAPHY

High resolution computed tomography, Part 2: The salivary glands and oral cavity. Swartz JD, et al. **Head Neck Surg** 1984 Dec;7(2):150-61

High-resolution computed tomography of the major salivary glands: current status. Saluk PH, et al. **J Comput Tomogr** 1985 Jan;9(1):39-50

[Sialographic diagnosis of autoimmune parotitis] Meregaglia D, et al. **Radiol Med (Torino)** 1984 Jul-Aug;70(7-8):545-6 **(Ita)**

[Sialography--salivary gland tumors and para-sialoma (the 5th report)] Yamazaki M, et al. **Rinsho Hoshasen** 1984 Oct; 29(10):1077-83 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Bacteraemia consequential to sialography. Lamey PJ, et al. **Br Dent J** 1985 Mar 23;158(6):218-20

Sialographic damage in rat submandibular gland. Yoshida Y, et al. **Oral Surg Oral Med Oral Pathol** 1985 Apr; 59(4):426-30

METHODS

Sialography and CT-sialography in the diagnosis of parotid masses. Eyjólfsson O, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(5):361-4

Digital subtraction ductography. Lightfoote JB, et al. **AJR** 1985 Mar;144(3):635-8

Zonarc MLA program for parotid sialography. Wolf J, et al. **Proc Finn Dent Soc** 1984;80(4):175-81

[Analysis of sialograms: microradiograms of mouse parotid glands with reduced saliva excretion] Kurabayashi T. **Kokubyo Gakkai Zasshi** 1985 Mar;52(1):72-93 (Eng. Abstr.) **(Jpn)**

[Sialography: an analysis of microradiography of the mouse parotid gland] Shiga Y. **Kokubyo Gakkai Zasshi** 1984 Jun; 51(2):189-216 (Eng. Abstr.) **(Jpn)**

[Sialography (the sixth report). Simultaneous computed tomography and sialography of the salivary glands] Yamazaki M, et al. **Rinsho Hoshasen** 1984 Nov; 29(12):1367-72 (Eng. Abstr.) **(Jpn)**

SIALOLITHIASIS see **SALIVARY DUCT CALCULI**

SIALOMETAPLASIA, NECROTIZING see under **SALIVARY GLAND DISEASES**

SIALOPROTEINS see **SIALOGLYCOPROTEINS**

SIALORRHEA

ETIOLOGY

Supersalivation [letter] **JAMA** 1985 May 17;253(19):2831-2

A 'supersalivation syndrome' [letter] Miller AJ. **JAMA** 1984 Dec 28;252(24):3363

SURGERY

Transtympanic neurectomies for control of drooling. Grewal DS, et al. **Auris Nasus Larynx** 1984;11(2):109-14

Drooling [letter] Brody GS. **Plast Reconstr Surg** 1985 Jun; 75(6):929

SIALYLTRANSFERASES see under **TRANSFERASES**

SIBIROMYCIN see under **ANTIBIOTICS, ANTINEOPLASTIC**

SIBLING RELATIONS

The care of older children when a sibling is born. Graudins A, et al. **Aust NZ J Obstet Gynaecol** 1985 Feb;25(1):74-6

Sibs of children with chronic conditions: counseling considerations. Cerreto MC. **Birth Defects** 1984;20(6):31-43 (58 ref.)

Sibling interaction: evidence of a generational effect in maltreating infants. Crittenden PM. **Child Abuse Negl** 1984; 8(4):433-8

Child abuse by siblings. Green AH. **Child Abuse Negl** 1984; 8(3):311-7

Children's perceptions of the qualities of sibling relationships. Furman W, et al. **Child Dev** 1985 Apr;56(2):448-61

Brief report: preschool siblings of handicapped children--impact of peer support and training. Lobato D. **J Autism Dev Disord** 1985 Sep;15(3):345-50

Continuities in sibling relationships: patterns of aggression and friendliness. Stillwell R, et al. **J Child Psychol Psychiatry** 1985 Jul;26(4):627-37

Theoretical foundations of a prepared sibling class. Johnsen NM, et al. **J Obstet Gynecol Neonatal Nurs** 1985 May-Jun; 14(3):237-42

Effects of older siblings on the language young children hear and produce. Wellen CJ. **J Speech Hear Disord** 1985 Feb; 50(1):84-99

The 'discovery' of siblings [editorial] Edmundson K. **Ment Retard** 1985 Apr;23(2):49-51

[Concepts of index patients and their siblings about their families. Comparison of family structures based on some results from 2 child projective tests (Family Relations Test and Family Interaction Test)] Günther C. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:242-76 **(Ger)**

SICK ROLE

see related

ATTITUDE TO HEALTH

Health attitudes and psychological distress in patients attending a lithium clinic. Fava GA, et al. **Acta Psychiatr Scand** 1984 Dec;70(6):591-3

Women's 'sickness': a case of secondary gains or primary losses. Connors DD. **ANS** 1985 Apr;7(3):1-17

Psychosocial factors and the management of physical illness: a contribution to the cost-containment of medical care. Mendelson G. **Aust NZ J Psychiatry** 1984 Sep;18(3):211-6

Chronic pain: an experimental analysis of the effects of exposure. Philips HC, et al. **Behav Res Ther** 1985; 23(3):281-90

An investigation of hysteria using the Illness Behaviour Questionnaire. Wilson-Barnett J, et al. **Br J Psychiatry** 1985 Jun;146:601-8

Symptoms and signs: physical disease or illness behaviour? Waddell G, et al. **Br Med J [Clin Res]** 1984 Sep 22; 289(6447):739-41

Psychosocial aspects of surviving sudden cardiac death. Vlay SC, et al. **Clin Cardiol** 1985 Apr;8(4):237-43

Physical illness and psychiatric disorders. Ananth J. **Compr Psychiatry** 1984 Nov-Dec;25(6):586-93

Symptomatic differences between the sexes in rural Mexico. Finkler K. **Cult Med Psychiatry** 1985 Mar;9(1):27-57

Psyche, soma, and society: the social construction of psychosomatic disorders. Helman CG. **Cult Med Psychiatry** 1985 Mar;9(1):1-26

Chronic disease: the sick role and informed consent. Lidz CW, et al. **Cult Med Psychiatry** 1985 Sep;9(3):241-55

Conflicts and complexity in inpatient geropsychiatry. Marin RS, et al. **Gen Hosp Psychiatry** 1985 Jan;7(1):83-91

Some methodological issues in consultation-liaison psychiatry research. Mitchell WD, et al. **Gen Hosp Psychiatry** 1985 Jan;7(1):66-72

Measuring regression in hospitalized medical patients: the BUMP scale. Zeldow PB, et al. **Gen Hosp Psychiatry** 1985 Jan;7(1):49-53

Gender, role, and illness behavior in a military population. Bishop GD. **Health Psychol** 1984;3(6):519-34

Health beliefs and physician identified 'worried well'. Wagner PJ, et al. **Health Psychol** 1984;3(5):459-74

In children and adolescents. Emotional responses to medical illness. Forman M. **IMJ** 1984 Dec;166(6):429-31

The elderly sick role: an experimental analysis. Fisher W, et al. **Int J Aging Hum Dev** 1984-85;20(3):161-5

The influence of self-ascribed handicapped status on the positive and negative affect of the elderly. Stutsman HR, et al. **Int J Aging Hum Dev** 1984-85;20(4):283-91

Abnormal illness behaviour: the nursing contribution. Wilson-Barnett J, et al. **Int J Nurs Stud** 1984;21(4):267-78

Psychological concepts in the care of intensive care unit patients. Eisendrath SJ. **Int J Psychosom** 1984;31(3):8-14

Factitious disorder: reflections on primary and secondary gain in Munchausen syndrome. Fisch RZ, et al. **Isr J Psychiatry Relat Sci** 1984;21(2):127-32

Long-term psychological follow-up of patients after corrective surgery for tetralogy of Fallot. Baer PE, et al. **J Am Acad Child Psychiatry** 1984 Sep;23(5):622-5

Personal and environmental predictors of patient disturbance due to hospital noise. Topf M. **J Appl Psychol** 1985 Feb; 70(1):22-8

Comparing physical and behavior therapy for chronic low back pain on physical abilities, psychological distress, and patients' perceptions. Heinrich RL, et al. **J Behav Med** 1985 Mar;8(1):61-78

An empirical examination of the 'pain-behavior' construct. Turk DC, et al. **J Behav Med** 1985 Jun;8(2):119-30

The relationship between strategies of coping and perception of pain in three chronic pain groups. Anderson LP, et al. **J Clin Psychol** 1984 Sep;40(5):1170-7

The utility of the modified WAIS in a clinical setting. Jeffrey TB, et al. **J Clin Psychol** 1984 Jul;40(4):1067-9

Depression in multiple sclerosis as a function of length and severity of illness, age, remissions, and perceived social support. McIvor GP, et al. **J Clin Psychol** 1984 Jul; 40(4):1028-33

Depression in geriatric and adult medical inpatients. Magni G, et al. **J Clin Psychol** 1985 May;41(3):337-44

Subscales to the Taylor Manifest Anxiety Scale in three chronically ill populations. Moore PN, et al. **J Clin Psychol** 1984 Nov;40(6):1431-3

Weighted versus unweighted life event scores: is there a difference? Zimmerman M. **J Human Stress** 1983 Dec; 9(4):30-5

Two pathographies: a study in illness and literature. Hawkins A. **J Med Philos** 1984 Aug;9(3):231-52

A commentary on 'two pathographies: a study in illness and literature'. Jones AH. **J Med Philos** 1984 Aug;9(3):257-9

The experience of illness: integrating metaphors and the transcendence of illness. Shelp EE. **J Med Philos** 1984 Aug; 9(3):253-6

Difficult denture patients: observations and hypothesis. Pitts WC. **J Prosthet Dent** 1985 Apr;53(4):532-4

The effect of illness behaviour on the apparent relationship between physical and mental disorders. Benjamin S, et al. **J Psychosom Res** 1984;28(5):387-95

Somatic illness in manic-depressive and schizophrenic patients. Ghadirian AM, et al. **J Psychosom Res** 1985; 29(3):281-6

Managing maladaptive behavior in ill children through family interventions. Golden LB. **J Sch Health** 1984 Nov; 54(10):389-91

The role of the psychiatrist in otolaryngology. Hertz SM, et al. **Otolaryngol Clin North Am** 1984 Nov;17(4):735-43

Health psychology and medicine. Asken MJ. **Pa Med** 1985 Mar;88(3):62-4

An objective approach to quantifying pain behavior and gait patterns in low back pain patients. Keefe FJ, et al. **Pain** 1985 Feb;21(2):153-61

Direct observation of pain behavior in low back pain patients during physical examination. Keefe FJ, et al. **Pain** 1984 Sep;20(1):59-68

Prediction of treatment response in pain patients: the illness self-concept repertory grid and EMG feedback. Large RG. **Pain** 1985 Mar;21(3):279-87

The effects of persistent pain: the chronic headache sufferer. Philips HC, et al. **Pain** 1985 Feb;21(2):163-76

Anxiety and depression in geriatric and adult medical inpatients: a comparison. Magni G, et al. **Psychol Rep** 1984 Oct;55(2):607-12

Psychological and neuropsychological aspects of COPD. Greenberg GD, et al. **Psychosomatics** 1985 Jan;26(1):29-33

Postoperative course of patients during hospitalization following renal transplantation. Muthny FA. **Psychother Psychosom** 1984;42(1-4):133-42

Repeated short-term sick-leave as a possible symptom of psycho-social problems. Leijon M, et al. **Scand J Soc Med** 1984;12(4):165-9

Age, education and illness behaviour of patients undergoing haemodialysis. Boey KW. **Singapore Med J** 1984 Oct; 25(5):362-7

An illness behavior paradigm: a conceptual exploration of a situational-adaptation perspective. Alonzo AA. **Soc Sci Med** 1984;19(5):499-510

Weaving a tangled web: the psychology of deception and self deception in psychogenic pain. Bayer TL. **Soc Sci Med** 1985;20(5):517-27

Mexican-American, black-American and white-American differences in reporting illnesses, disability and physician visits for illnesses. Berkanovic E, et al. **Soc Sci Med** 1985; 20(6):567-77

Illness behaviour in mothers with young children. Campion PD, et al. **Soc Sci Med** 1985;20(4):325-30

Social uses of illness at the workplace: sick leave and moral evaluation. Dodier N. **Soc Sci Med** 1985;20(2):123-8

Maintenance of psychosocial attitudes in medical students. Dornbush RL, et al. **Soc Sci Med** 1985;20(1):107-9

Psychosocial metaphors of physical distress among MS patients. Duval ML. **Soc Sci Med** 1984;19(6):635-8

Status of life-areas: congruence/noncongruence in ESRD patient and spouse perceptions. Gray H, et al. **Soc Sci Med** 1985;20(4):341-6

The social construction of the patient: patients and illnesses in other ages. Herzlich C, et al. **Soc Sci Med** 1985; 20(2):145-51

Skin disease and handicap: an analysis of the impact of skin conditions. Jowett S, et al. **Soc Sci Med** 1985;20(4):425-9

Cultural differences in reactions to patient behaviour: a comparison of Swedish and Australian health professionals. Westbrook MT, et al. **Soc Sci Med** 1984;19(9):939-47

Social work and Alzheimer's disease: psychosocial management in the absence of medical cure. Berman S, et al. **Soc Work Health Care** 1984 Winter;10(2):53-70

The patient has a family: reaffirming social work's domain. Caroff P, et al. **Soc Work Health Care** 1985 Summer; 10(4):17-34

Social work with cancer patients: stresses and coping patterns. Davidson KW. **Soc Work Health Care** 1985 Summer;10(4):73-82

Families, transitions, and health: another look. Dillon C. **Soc Work Health Care** 1985 Summer;10(4):35-44

The impact of illness on patients and families: social workers teach medical students. Hunsdon S, et al. **Soc Work Health Care** 1984 Winter;10(2):41-52

Family treatment in the health setting: the need for innovation. Kemler B. **Soc Work Health Care** 1985 Summer;10(4):45-53

[Pre- and postoperative conditions in the self evaluation of 3 groups of surgical patients] Wengle HP, et al. **Chirurg** 1985 May;56(5):327-31 (Eng. Abstr.) **(Ger)**

[Psychiatric stress tolerance of acute and chronic surgical patients] Kern E. **Langenbecks Arch Chir** 1984;364:45-9 (Eng. Abstr.) **(Ger)**

[Stress tolerance of the patient in pediatric surgery] Mildenberger H. **Langenbecks Arch Chir** 1984;364:173-5 (Eng. Abstr.) **(Ger)**

[Reconvalescence in early childhood] Lorenz K, et al. **Padiatr Grenzgeb** 1985;24(1):15-9 (Eng. Abstr.) **(Ger)**

[Suffering and structuralization in convulsive diseases in childhood] Schernus R. **Prax Kinderpsychol Kinderpsychiatr** 1985 Jan;34(1):19-23 (Eng. Abstr.) **(Ger)**

[Significance of the patient's theory of disease for the physician-patient relation] Becker H. **Psychother Psychosom Med Psychol** 1984 Dec; 34(12):313-21 (Eng. Abstr.) **(Ger)**

[Medical conversation during rounds in an intensive care station--initial results of an empirical study] Hannich HJ, et al. **Psychother Psychosom Med Psychol** 1985 Mar-Apr; 35(3-4):95-8 (Eng. Abstr.) **(Ger)**

[Time concept and duration in illness] Hartmann F. **Psychother Psychosom Med Psychol** 1985 Jan;35(1):32-40 (Eng. Abstr.) **(Ger)**

[Psychosocial status and the reaction to life threatening illness--a comparison of breast cancer and dialysis patients] Muthny FA, et al. **Psychother Psychosom Med Psychol** 1984 Nov;34(11):287-95 (Eng. Abstr.) **(Ger)**

[Psychological reactions and disease processing in dialysis patients] Ziegler G, et al. **Psychother Psychosom Med Psychol** 1985 Feb;35(2):62-70 (Eng. Abstr.) **(Ger)**

[Help in coping with breast cancer--experiences with affected females] Limacher B. **Schweiz Rundsch Med Prax** 1985 Feb 5;74(6):115-8 (Eng. Abstr.) **(Ger)**

[Psychosocial relations in medical practice] Horn B. **Ther Umsch** 1984 Nov;41(11):796-808 (Eng. Abstr.) **(Ger)**

[A questionnaire for the detection of psychiatric and somatic complaints in the elderly] Hautzinger M. **Z Gerontol** 1984 Jul-Aug;17(4):223-6 (Eng. Abstr.) **(Ger)**

[Reactions to health stress in middle and advanced adulthood] Thomae H. **Z Gerontol** 1984 Jul-Aug;17(4):186-97 (Eng. Abstr.) **(Ger)**

[Case history and the 'unlived life'] Zacher A. **Z Klin Psychol Psychopathol Psychother** 1985;33(1):51-7 (Eng. Abstr.) **(Ger)**

[Psychological adjustment to disease in patients with ankylosing spondylitis] Engst-Hastreiter U. **Z Rheumatol** 1984 Nov-Dec;43(6):299-302 (Eng. Abstr.) **(Ger)**

[Personality factors, psychological distress and 'illness behavior' in patients before heart surgery] Magni G, et al. **Minerva Psichiatr** 1985 Jan-Mar;26(1):11-20 (Eng. Abstr.) **(Ita)**

[Theory of social roles in the rehabilitation of repeatedly hospitalized schizophrenic patients] Czuma K, et al. **Psychiatr Pol** 1984 Jul-Aug;18(4):367-70 (Eng. Abstr.) **(Pol)**

SICK SINUS SYNDROME

Sick sinus syndrome. Wahls SA. **Am Fam Physician** 1985 Mar;31(3):117-24

Current concepts in sick sinus syndrome. I. Anatomy, physiology, and pharmacologic causes. Belic N, et al. **Arch Intern Med** 1985 Mar;145(3):521-3 (32 ref.)

[Sick sinus syndrome and its results] Oter R. **Med Clin (Barc)** 1984 Sep 29;83(9):369-72 **(Spa)**

COMPLICATIONS

Thyrotoxicosis associated with sick sinus syndrome: a diagnostic and therapeutic dilemma. Cueto-García L, et al. **Rev Invest Clin** 1985 Jan-Mar;37(1):35-7

Anaesthesia for abdominal hysterectomy in Charcot-Marie-Tooth disease. A case report. Roelofse JA, et al. **S Afr Med J** 1985 Apr 13;67(15):605-6

[Three cases of funnel chest with sick sinus syndrome] Kaguraoka H, et al. **Rinsho Kyobu Geka** 1984 Nov; 4(6):729-34 (Eng. Abstr.) **(Jpn)**

[Dihydralazine in the treatment of bradycardia in the sick sinus syndrome] Krug H, et al. **Kardiol Pol** 1984; 27(4):273-81 (Eng. Abstr.) **(Pol)**

DIAGNOSIS

Role of electrophysiologic testing in the selection of patients requiring pacemaker implantation. Garcia H, et al. **Bol Asoc Med PR** 1985 Jan;77(1):6-10 (26 ref.)

Electrocardiogram of the month. Sick sinus syndrome. Johnson CD. **Bol Asoc Med PR** 1984 Jul;76(7):325-6

Autonomic blockade and sick sinus syndrome. New concept in the interpretation of electrophysiological and Holter data. Szatmáry LJ. **Eur Heart J** 1984 Aug;5(8):637-48

Bradyarrhythmias: sinus node dysfunction. Sokoloff NM. **Geriatrics** 1984 Nov;39(11):105-9

Sick sinus syndrome. Dubey M, et al. **J Assoc Physicians India** 1984 Jun;32(6):513-5

Appropriate diagnostic studies for sinus node dysfunction. Karagueuzian HS, et al. **PACE** 1985 Mar;8(2):242-54

[Invasive electrophysiologic methods in the diagnosis of sick sinus syndrome] Cihalík C, et al. **Vnitr Lek** 1984 Sep; 30(9):849-54 (Eng. Abstr.) **(Cze)**

[Sick sinus syndrome--clinical presentation, diagnostic and therapeutic measures in an ambulatory patient sample] Conen D, et al. **Schweiz Med Wochenschr** 1985 Mar 2; 115(9):301-4 (Eng. Abstr.) **(Ger)**

[Limitations of the stress test in the diagnosis of the sick sinus syndrome] Brignole M, et al. **G Ital Cardiol** 1984 Dec; 14(12):1045-51 (Eng. Abstr.) **(Ita)**

[Use of selected pharmacological tests in the diagnosis of sinoatrial node insufficiency] Szponar M, et al. **Kardiol Pol** 1985;28(1):23-32 (Eng. Abstr.) **(Pol)**

[Diagnostic value of selected reflex tests in the diagnosis of sinoatrial node insufficiency] Szponar M, et al. **Kardiol Pol** 1984;27(6):475-83 (Eng. Abstr.) **(Pol)**

[Clinical value of the intracardiac recording of sinoatrial node potentials] Trusz-Gluza M, et al. **Kardiol Pol** 1985; 28(1):33-40 (Eng. Abstr.) **(Pol)**

[Methods of diagnosing sick sinus syndrome] Szponar M. **Wiad Lek** 1984 May 1;37(9):661-7 (37 ref.) **(Pol)**

[Various features of the clinical picture and central hemodynamics of patients with the sick sinus syndrome] Gembitskiĭ EV, et al. **Kardiologiia** 1984 Dec;24(12):30-3 (Eng. Abstr.) **(Rus)**

[Functional tests in the diagnosis of the sick sinus syndrome] Shul'man VA. **Kardiologiia** 1984 Dec;24(12):109-13 (75 ref.) **(Rus)**

[Work capacity evaluation of patients with sick sinus syndrome] Klemenkov SV, et al. **Ter Arkh** 1984;56(8):46-9 (Eng. Abstr.) **(Rus)**

[Use of a physical exertion test for the diagnosis of the sick sinus syndrome] Shul'man VA, et al. **Ter Arkh** 1985; 57(4):116-9 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Prenalterol in symptomatic sinus node dysfunction. Feleke E, et al. **Am Heart J** 1985 Jan;109(1):185-7

[Clinical efficacy of huxindan in patients with sick sinus syndrome] Liu WM. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):590-2, 578 (Eng. Abstr.) **(Chi)**

[Clinical efficacy of aconitic injection in asthenia patients suffering from sick sinus syndrome and its mechanism] Zhu BQ. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):219-22, 195 (Eng. Abstr.) **(Chi)**

[Effects of digitalis on the parameters of sinus function in sick sinus syndrome. Evaluation using a multiprogrammable permanent atrial pacemaker with temporary inhibition] Adornato E, et al. **G Ital Cardiol** 1984 Jun;14(6):395-400 (Eng. Abstr.) **(Ita)**

ETIOLOGY

Pericarditis and the sick sinus syndrome [letter] Spodick DH. **Arch Intern Med** 1985 Oct;145(10):1930

Multiple myeloma and sick sinus syndrome [letter] Sasaki J, et al. **Chest** 1985 Apr;87(4):555

[Bradycardia-tachycardia syndrome in chronic Chagas' cardiopathy] Lavadens R, et al. **Arq Bras Cardiol** 1984 May; 42(5):345-50 (Eng. Abstr.) **(Spa)**

[Sick sinus syndrome in the subacute phase of myocardial infarct] Rubio R, et al. **Rev Esp Cardiol** 1984 Nov-Dec; 37(6):434-9 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Clinical and electrophysiologic course of sinus node disease: five-year follow-up study. Rosenqvist M, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):513-22

AV conduction in sick sinus syndrome [letter] Simonsen E. **Am Heart J** 1985 Jun;109(6):1407-8

Current concepts in sick sinus syndrome. II. ECG manifestation and diagnostic and therapeutic approaches. Belic N, et al. **Arch Intern Med** 1985 Apr;145(4):722-6

Sick sinus syndrome in an adolescent and a young adult. Johnson CD. **Bol Asoc Med PR** 1985 Mar;77(3):106-8

Baroreflex sensitivity measured by the phenylephrine pressor test in patients with carotid sinus and sick sinus syndromes. Morley CA, et al. **Cardiovasc Res** 1984 Dec;18(12):752-61

New application of direct sinus node recordings in man: assessment of sinus node recovery time. Gomes JA, et al. **Circulation** 1984 Oct;70(4):663-71

Effects of pharmacologic autonomic blockade on atrial electrophysiologic properties in normal subjects and in patients with sinus node disease. Michelucci A, et al. **Int J Cardiol** 1985 Aug;8(4):437-49

Sick sinus syndrome: adenosine mediated? [letter] Dighton DH. **Lancet** 1985 May 18;1(8438):1157

Sick sinus syndrome: an adenosine-mediated disease. Watt AH. **Lancet** 1985 Apr 6;1(8432):786-8

Sick sinus syndrome and adenosine [letter] Watt AH. **Lancet** 1985 Jun 8;1(8441):1340

[Secondary pauses following high frequency atrial stimulation: incidence and possible underlying mechanisms] Schmidt G, et al. **Z Kardiol** 1985 May;74(5):287-93 (Eng. Abstr.) **(Ger)**

[Influence of beta block and autonomic nerve block on the recovery time of the sinus node in sick sinus syndrome and carotid sinus syndrome] Brignole M, et al. **G Ital Cardiol** 1984 Oct;14(10):745-51 (Eng. Abstr.) **(Ita)**

[Exercise testing in patients with the sick sinus syndrome] Cavalli A, et al. **G Ital Cardiol** 1984 Dec;14(12):1025-30 (Eng. Abstr.) **(Ita)**

[Intrinsic function of the sinus node in patients with syncope and positive vagal maneuvers] Raviele A, et al. **G Ital Cardiol** 1984 Jun;14(6):431-9 (Eng. Abstr.) **(Ita)**

[Evaluation of exercise tolerance of treadmill test in patients with a cardiac pacemaker. A comparison of sick sinus syndrome (SSS) with complete A-V block (CAVB) on VVI mode pacing] Fukumoto H, et al. **Kyobu Geka** 1985 Mar;38(3):186-90 (Eng. Abstr.) **(Jpn)**

[A study on atrial potential--characteristics and its relation to ECG] Murase M, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Sep;32(9):1288-92 (Eng. Abstr.) **(Jpn)**

[Disorders of auriculo-ventricular conduction in sick sinus syndrome] Almazán Ceballos A, et al. **Med Clin (Barc)** 1984 Sep 29;83(9):355-7 (Eng. Abstr.) **(Spa)**

THERAPY

Current concepts and management of the sick sinus syndrome. Nieminski KE, et al. **Heart Lung** 1984 Nov; 13(6):675-81

Respiration-dependent ventricular pacing compared with fixed ventricular and atrial-ventricular synchronous pacing: aerobic and hemodynamic variables. Rossi P, et al. **J Am Coll Cardiol** 1985 Sep;6(3):646-52

Indications for cardiac pacing. Glancy DL. **J La State Med Soc** 1985 Apr;137(4):38-9

Problems of artificial pacemaker therapy. Murase M, et al. **Jpn Circ J** 1985 Mar;49(3):370-8

Problems and anti-tachyarrhythmic effects of chronic atrial pacing. Ohe T, et al. **Jpn Circ J** 1985 Mar;49(3):379-84

Sinus node dysfunction in pediatric and young adult patients: treatment by implantation of a permanent pacemaker in 39 cases. Albin G, et al. **Mayo Clin Proc** 1985 Oct; 60(10):667-72

Emergency situations in sinus node dysfunction. Repolski M, et al. **Med Interne** 1984 Oct-Dec;22(4):271-7

Indications of temporary transvenous pacing. Chin K, et al. **Med J Malaysia** 1984 Jun;39(2):139-42

Artificial circus movement tachycardias: incidence, mechanisms, and prevention. Bertholet M, et al. **PACE** 1985 May;8(3 Pt 1):415-23

Reappearance of persistent normal sinus rhythm in a patient with the sick sinus syndrome following cardiac pacing for 10.5 years. Chen HZ, et al. **PACE** 1985 May;8(3 Pt 1):387-92

Reversion mode activation by myopotential sensing in a ventricular inhibited demand pacemaker. Erkkila KI, et al. **PACE** 1985 Jan;8(1):50-1

Use of atrial pacing in a young population. Gillette PC, et al. **PACE** 1985 Jan;8(1):94-100

Activity-sensing, rate-responsive pacing: improvement in myocardial performance with exercise. Humen DP, et al. **PACE** 1985 Jan;8(1):52-9

Atrial pacing bigeminy: a manifestation of crosstalk. Kersschot IE, et al. **PACE** 1985 May;8(3 Pt 1):402-7

Disseminated aspergillosis and pacemaker endocarditis. Kramer L, et al. **PACE** 1985 Mar;8(2):225-9

Acute and long-term atrial and ventricular stimulation thresholds with a steroid-eluting electrode. Kruse IM, et al. **PACE** 1985 Jan;8(1):45-9

Radionuclide evaluation of dual chamber pacing: comparison between variable AV intervals and ventricular pacing. Leman RB, et al. **PACE** 1985 May;8(3 Pt 1):408-14

Extraction of a chronically infected endocardial screw-in pacemaker lead by pigtail catheter and wire loop via the femoral vein. Maisch B, et al. **PACE** 1985 Mar;8(2):230-4

[Differential Pacemaker therapy of sinus node syndrome] Rathgen K, et al. **Z Arztl Fortbild (Jena)** 1985;79(5):199-204 **(Ger)**

[Special aspects in the treatment of heart failure in patients with the sick sinus syndrome] Vintilă P, et al. **Rev Med Interna [Med Interna]** 1984 Jul-Aug;36(4):365-8 **(Rum)**

[Clinical evaluation of continuous myocardial electrostimulation of the atria in the sick sinus syndrome] Egorov DF, et al. **Kardiologiia** 1984 Dec;24(12):27-30 (Eng. Abstr.) **(Rus)**

[Electrostimulation of the interatrial septum] Stirbis PP, et al. **Kardiologiia** 1984 Dec;24(12):11-4 (Eng. Abstr.) **(Rus)**

SICKLE CELL TRAIT see under **ANEMIA, SICKLE CELL**

SID see **SUDDEN INFANT DEATH**

SIDEROPHILIN see **TRANSFERRIN**

SIDEROSIS

see related
HEMOSIDEROSIS

COMPLICATIONS

[A case of idiopathic portal hypertension with a splenic arterial aneurysm and severe deposits of iron salts in the spleen] Tanaka T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May;82(5):1402-5 **(Jpn)**

[Clinical features of newly diagnoses siderosilicotuberculosis among miners] Afonin AP. **Probl Tuberk** 1984 Nov;(11):28-31 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

High-field MR imaging of superficial siderosis of the central nervous system. Gomori JM, et al. **J Comput Assist Tomogr** 1985 Sep-Oct;9(5):972-5

DRUG THERAPY

Studies on the use of desferrioxamine in experimental ocular siderosis produced by extrabulbar administration of iron. Gerkowicz K, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(2):101-5

ETIOLOGY

Experimental ocular siderosis after extrabulbar administration of iron. Gerkowicz K, et al. **Br J Ophthalmol** 1985 Feb;69(2):149-53

Iron deficiency and iron overload. Jacobs A. **CRC Crit Rev Oncol Hematol** 1985;3(2):143-86 (508 ref.)

FAMILIAL & GENETIC

Heterozygosity for HLA-linked hemochromatosis as a likely cause of the hepatic siderosis associated with sporadic porphyria cutanea tarda. Kushner JP, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1232-8

METABOLISM

Functional efficiency of mitochondrial membrane of rats with hepatic chronic iron overload. Masini A, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):462-9

OCCURRENCE

[Spread and course of siderosilicotuberculosis] Afonin AP, et al. **Vrach Delo** 1984 Nov;(11):116-7 **(Rus)**

PATHOLOGY

[A fatal disease of the heart in primary and secondary hemochromatosis] Fakan F, et al. **Cesk Patol** 1985 May;21(2):123-7 (Eng. Abstr.) **(Cze)**

[Localized cutaneous siderosis following intramuscular iron injections] Bork K. **Hautarzt** 1984 Nov;35(11):598-9 (Eng. Abstr.) **(Ger)**

[A morphological study of plasma cells with iron-laden granules] Nakazawa M, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Aug;47(5):1144-56 (Eng. Abstr.) **(Jpn)**

SIGA see **IGA, SECRETORY**

SIGMA FACTOR see under **TRANSCRIPTION FACTORS**

SIGMODON see **CRICETIDAE**

SIGMOID

Colonoscopic removal of a 'pop-up meat thermometer' from the sigmoid colon [letter] Norfleet RG, et al. **J Clin Gastroenterol** 1984 Oct;6(5):477-8

ABNORMALITIES

[Diagnosis and surgical treatment of dolichosigmoid in children] Krivcheva DIu, et al. **Klin Khir** 1985;(6):12-4 (Eng. Abstr.) **(Rus)**

[Clinical masks of dolichomegasigmoid] Belkaniia SP, et al. **Vrach Delo** 1985 May;(5):29-32 (Eng. Abstr.) **(Rus)**

BLOOD SUPPLY

Angiodysplasia of the left colon. Supe AN, et al. **Indian J Gastroenterol** 1985 Jul;4(3):191-2

[Fatal hemorrhage from ruptured varicose veins of the sigmoid colon in liver cirrhosis] Vock R, et al. **Z Rechtsmed** 1985;94(1):61-9 (Eng. Abstr.) **(Ger)**

[Variation in the distribution of the sigmoid arterial pedicle] Blagotić M, et al. **Srp Arh Celok Lek** 1984 Jul-Aug;112(7-8):769-76 (Eng. Abstr.) **(Scc)**

INJURIES

Water-ski colon [letter] Mavrelis PG, et al. **N Engl J Med** 1984 Oct 25;311(17):1128

Sigmoid colon perforation: result of accidental swallowing of a toothpick. Kaufman E, et al. **Oral Surg Oral Med Oral Pathol** 1984 Nov;58(5):535-6

PATHOLOGY

Perforation of the colon by ingested chicken bone, leading to diagnosis of carcinoma of the sigmoid. Osler T, et al. **Dis Colon Rectum** 1985 Mar;28(3):177-9

[Stercoral ulceration and perforation of the sigmoid] Müller PG, et al. **Ugeskr Laeger** 1984 Dec 10;146(50):3923 (Eng. Abstr.) **(Dan)**

PHYSIOLOGY

Effects of beta-adrenoceptor stimulation on rectosigmoid motility in man. Lyrenäs E, et al. **Dig Dis Sci** 1985 Jun;30(6):536-40

Sigmoidal and rectal motility in healthy elderly. Loening-Baucke V, et al. **J Am Geriatr Soc** 1984 Dec;32(12):887-91

SURGERY

A modified technique for stapled anastomosis after the Hartmann procedure. Moesgaard F, et al. **Acta Chir Scand** 1984;150(8):693-4

Irrigation management of sigmoid colostomy. Jao SW, et al. **Arch Surg** 1985 Aug;120(8):916-7

Vaginal reconstruction with a sigmoid loop in pelvic exenteration. Ng HT, et al. **Asia Oceania J Obstet Gynaecol** 1984 Sep;10(3):341-5

Malignant lymphoma as a complication of ureterosigmoidostomy. Ghanem AN, et al. **Br J Surg** 1985 Jul;72(7):559-60

Is anterior resection of the rectosigmoid safe after preoperative radiation? Roberson SH, et al. **Dis Colon Rectum** 1985 Apr;28(4):254-9

Influence of sigmoid resection on progression of diverticular disease of the colon. Wolff BG, et al. **Dis Colon Rectum** 1984 Oct;27(10):645-7

The anterior resection operation revisited. Jascalevich ME. **Int Surg** 1984 Apr-Jun;69(2):163-6

31-year survival following total cystectomy and bilateral ureterosigmoidal anastomosis in a case of vesical carcinoma. Bandurski A, et al. **Int Urol Nephrol** 1984;16(4):297-300

Reilly's sigmomyotomy in the treatment of diverticulosis: a review of 21 cases. McCollum PT, et al. **Ir J Med Sci** 1984 Dec;153(12):426-30

Sigmoidocystoplasty to augment bladder capacity. Weiss JP, et al. **Surg Gynecol Obstet** 1984 Oct;159(4):377-80

[Sigmoid cancer: left hemicolectomy or segmental resection?] Farthmann EH, et al. **Langenbecks Arch Chir** 1984;362(4):289-96 **(Ger)**

[Late development of colonic neoplasms after uretero-sigmoidostomy] Wickramanayake PD, et al. **Leber Magen Darm** 1984 Jan;14(1):38-41 (Eng. Abstr.) **(Ger)**

[Endoscopic surgery in enteric bladder and urinary diversions] Vargas Delaunoy F, et al. **Arch Esp Urol** 1984 Nov-Dec;37(6):521-5 (Eng. Abstr.) **(Spa)**

[Sigmoidostomy and quality of life--good planning can relieve the problems] Josefsson M, et al. **Lakartidningen** 1985 Jan 16;82(3):108-9 **(Swe)**

TRANSPLANTATION

[Revascularization of intestinal transplants] Andrianov AV. **Klin Med (Mosk)** 1984 Aug;62(8):136-30 (Eng. Abstr.) **(Rus)**

[Pregnancy and natural labor after replacement of the urinary bladder with an intestinal graft] Sitdykov EN, et al. **Urol Nefrol (Mosk)** 1985 Jan-Feb;(1):52-3 **(Rus)**

SIGMOID DISEASES

[Volvulus of the sigmoid in pregnancy] Pecorella G, et al. **Minerva Ginecol** 1985 May;37(5):225-8 (Eng. Abstr.) **(Ita)**

[Sigmoid volvulus: a rare pathology of pediatric significance. Presentation of 2 clinical cases] Vitali V, et al. **Minerva Pediatr** 1984 May 31;36(10):549-52 (Eng. Abstr.) **(Ita)**

[Perforation of the rectum and sigmoid after electrocoagulation via a rectoscope] Svezhintsev AP, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):135-6 **(Rus)**

[Volvulus of the sigmoid] Moračić V, et al. **Acta Chir Iugosl** 1984;31 Suppl 1:71-80 **(Scr)**

[Incidence of benign and malignant diseases of the rectosigmoid from data of the Gastroenterology Department of the Internal Medicine Service--5 years' data] Naumov B, et al. **Med Pregl** 1984;37(7-8):293-8 (Eng. Abstr.) **(Scr)**

COMPLICATIONS

Air in painful total hip arthroplasty: diagnosis and treatment. Bach BR Jr, et al. **Clin Orthop** 1985 Mar;(193):146-9

Gangrene of male external genitalia in a patient with colorectal disease. Anatomic pathways of spread. Khan SA, et al. **Dis Colon Rectum** 1985 Jul;28(7):519-22

Simultaneous occurrence of sigmoid and cecal volvulus. Singh G, et al. **Dis Colon Rectum** 1985 Feb;28(2):115-6

Polypoid lesions associated with diverticular disease of the sigmoid colon. Franzin G, et al. **Gastrointest Endosc** 1985 Jun;31(3):196-9

A case report of Crohn's disease with sigmoido-vesical fistula. Takeshima H, et al. **Hinyokika Kiyo** 1984 Jun;30(6):793-6

Herniation of small bowel into rectum through a spontaneous rupture of sigmoid colon. Mathur B, et al. **J Indian Med Assoc** 1984 Nov;82(11):407-8

Sequelae of gangrene of the ileum in childhood. Ibrahim N, et al. **Med J Aust** 1985 Apr 1;142(7):411-2

Sigmoid volvulus in advanced pregnancy. Report of 2 cases. Hofmeyr GJ, et al. **S Afr Med J** 1985 Jan 12;67(2):63-4

[Generalized peritonitis caused by perforation of diverticular sigmoiditis] Langlois P, et al. **Chirurgie** 1984;110(10):829-30 **(Fre)**

[Acute generalized peritonitis caused by diverticular sigmoiditis] Loygue J, et al. **Chirurgie** 1984;110(8-9):788-9 **(Fre)**

[Peritonitis caused by sigmoid diverticula. Initial therapeutic attitude] Olivier A, et al. **Chirurgie** 1984;110(6-7):672-4 **(Fre)**

[Peritonitis caused by sigmoid diverticular perforation] Rousseau B, et al. **Chirurgie** 1984;110(10):838-9 **(Fre)**

[Generalized peritonitis caused by perforation of a sigmoid diverticulitis. Retrospective study of 37 cases] Stoppa R, et al. **Chirurgie** 1984;110(6-7):668-9 **(Fre)**

[Stercoral peritonitis caused by sigmoid diverticula. Apropos of 29 cases] Testas P, et al. **Chirurgie** 1984;110(6-7):670-1 **(Fre)**

DIAGNOSIS

Ileosigmoid knot. Amy B, et al. **South Med J** 1984 Oct;77(10):1338

[Echographic and x-ray computed tomographic aspects of pneumatosis cystoides of the colon in the adult. Apropos of a case] Bernard C, et al. **J Radiol** 1985 Jan;66(1):65-9 (Eng. Abstr.) **(Fre)**

[Rectoscopy and sigmoidoscopy--new instruments] Phillip J, et al. **Internist (Berlin)** 1985 Jan;26(1):6-8 **(Ger)**

ETIOLOGY

Acquired B-antigen in a patient with a colo-vesical fistula. Muylle L, et al. **Acta Clin Belg** 1984;39(6):390-2

Colonic variceal hemorrhage after endoscopic injection sclerosis of esophageal varices: a report of three cases. Foutch PG, et al. **Am J Gastroenterol** 1984 Oct;79(10):756-60

Ureterocolic fistula. Heney NM, et al. **Br J Urol** 1984 Apr;56(2):225-6

Enterocutaneous fistulization due to Actinomyces odontolyticus. Report of a case. Klaaborg KE, et al. **Dis Colon Rectum** 1985 Jul;28(7):526-7

Cytomegalovirus hemorrhagic colitis in a nontransplant patient. Bennett MR, et al. **Postgrad Med** 1985 Jun;77(8):227-9, 232

[Colonic diverticulitis with retroperitoneal perforation] Raskov HH, et al. **Ugeskr Laeger** 1984 Nov 19;146(47):3659 (Eng. Abstr.) **(Dan)**

[Free perforation of the colon in Crohn's disease] Cornet A, et al. **Acta Chir Belg** 1984 Nov-Dec;84(6):371-6 (Eng. Abstr.) **(Dut)**

[Sigmoid volvulus in association with megacolon in myotonic dystrophy] Sasaki H, et al. **Nippon Naika Gakkai Zasshi** 1984 Aug;73(8):1195-200 **(Jpn)**

FAMILIAL & GENETIC

Sigmoid diverticulitis in identical twins. Frieden JH, et al. **Dig Dis Sci** 1985 Feb;30(2):182-3

MORTALITY

[Volvulus of the sigmoid colon] Olsen O, et al. **Ugeskr Laeger** 1984 Dec 17;146(51):4015-7 (Eng. Abstr.) **(Dan)**

OCCURRENCE

Decreasing incidence of sigmoid volvulus at Baragwanath Hospital Johannesburg [letter] Segal I. **S Afr Med J** 1985 Mar 23;67(12):443

The effects of westernisation on sigmoid volvulus. Segal I. **Trop Gastroenterol** 1985 Jan-Mar;6(1):4-9

PATHOLOGY

Adult intussusception with autoamputation and preservation of bowel continuity. Gomez GA, et al. **Dis Colon Rectum** 1984 Oct;27(10):654-7

Elastosis in diverticular disease of the sigmoid colon. Whiteway J, et al. **Gut** 1985 Mar;26(3):258-66

[Stercoral ulceration and perforation of the sigmoid] Müller PG, et al. **Ugeskr Laeger** 1984 Dec 10;146(50):3923 (Eng. Abstr.) **(Dan)**

[Myenteric plexuses and colonic diverticulosis: results of a histological study] Vuong NP, et al. **Gastroenterol Clin Biol** 1985 May;9(5):434-6 (Eng. Abstr.) **(Fre)**

PHYSIOPATHOLOGY

[Results of electromyography studies of the rectosigmoid] Kratzsch KH. **Dtsch Z Verdau Stoffwechselkr** 1985;45(2):45-51 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

Sigmoid-appendiceal fistula in diverticular disease. Libson E, et al. **Diagn Imag Clin Med** 1984;53(5):262-4

The whirl sign: a CT finding in volvulus of the large bowel. Shaff MI, et al. **J Comput Assist Tomogr** 1985 Mar-Apr; 9(2):410

The ileorectal and ileosigmoidal fistula in Crohn's disease: a clinical-radiological correlation. Korelitz BI. **Mt Sinai J Med (NY)** 1984 Jul-Aug;51(4):341-6

[Vesico-intestinal fistulas] Van Kerrebroeck P, et al. **Acta Chir Belg** 1985 May-Jun;85(3):199-204 (Eng. Abstr.) **(Dut)**

[Cause of bacteriuria?] Wimmer B. **Radiologe** 1984 Nov; 24(11):535-6 **(Ger)**

[Inflammatory vesicosigmoidal fistula. A case report] Yoshimura N, et al. **Hinyokika Kiyo** 1984 Jun;30(6):775-9 (Eng. Abstr.) **(Jpn)**

RADIONUCLIDE IMAGING

Utility of lateral imaging in rectosigmoid bleeding. Graham GD, et al. **Clin Nucl Med** 1985 Apr;10(4):298-9

SURGERY

Rectal bleeding due to diversion colitis. Ona FV, et al. **Am J Gastroenterol** 1985 Jan;80(1):40-1

Sigmoid volvulus in children. McCalla TH, et al. **Am Surg** 1985 Sep;51(9):514-9

A community experience with entericovesical fistulas. Suits GS, et al. **Am Surg** 1985 Sep;51(9):523-8

Changing patterns in the surgical treatment of diverticular disease. Rodkey GV, et al. **Ann Surg** 1984 Oct; 200(4):466-78

Sigmoid diverticulitis with perforation and generalized peritonitis. Nagorney DM, et al. **Dis Colon Rectum** 1985 Feb;28(2):71-5

Influence of sigmoid resection on progression of diverticular disease of the colon. Wolff BG, et al. **Dis Colon Rectum** 1984 Oct;27(10):645-7

Lithotripsy of urinary concrement in the sigmoid after ureterosigmoidostomy. Burmeister W, et al. **Endoscopy** 1985 Jan;17(1):38-9

YAG laser endoscopic treatment of an esophageal and sigmoid stricture after end-to-end anastomosis stapling. Chen PC, et al. **Gastrointest Endosc** 1984 Aug;30(4):258-60

Surgical management of ileosigmoid fistulas in Crohn's disease. van Dongen LM, et al. **Surg Gynecol Obstet** 1984 Oct;159(4):325-7

[Surgical diverticular sigmoiditis. Apropos of a series of 117 cases] Anselm Y, et al. **Ann Chir** 1984 Sep;38(6):409-13 (Eng. Abstr.) **(Fre)**

[Peritoneal gas cyst in sigmoid diverticulosis] Flückiger R. **Chirurg** 1985 Jan;56(1):56-8 **(Ger)**

[Early operation of sigmoid diverticulitis] Gräf KD, et al. **Zentralbl Chir** 1985;110(5):311-5 **(Ger)**

[Perforation of Crohn disease in the free abdominal cavity] Riedler L, et al. **Zentralbl Chir** 1985;110(11):686-91 **(Ger)**

[Original operative technic in the surgical treatment of recto-sigmoid perforations (traumatic lesions, diverticular perforations, anastomotic dehiscences)] Lago TF, et al. **Chir Ital** 1984 Jun;36(3):306-13 (Eng. Abstr.) **(Ita)**

[Mesosigmoidoplasty in the treatment of volvulus of the sigmoid. Personal technic] Gullino D, et al. **Minerva Chir** 1984 Dec 15-31;39(23-24):1709-11 (Eng. Abstr.) **(Ita)**

THERAPY

Volvulus of sigmoid colon. Vasudevan S. **Trop Doct** 1985 Jul;15(3):144

SIGMOID NEOPLASMS

Adenocarcinoma of sigmoid colon seeding into pre-existing fistula in ano. Rollinson PD, et al. **Br J Surg** 1984 Sep; 71(9):664-5

Endobronchial metastasis from colorectal carcinoma. Berg HK, et al. **Dis Colon Rectum** 1984 Nov;27(11):745-8

Carcinoma of rectosigmoid junction in a young child. Shukla B, et al. **J Indian Med Assoc** 1984 Jun;82(6):205-6

Cavitary pulmonary metastases in a patient with adenocarcinoma of the colon. Weinstock LB, et al. **NY State J Med** 1984 Sep;84(9):460-1

[Incidence of benign and malignant diseases of the rectosigmoid from data of the Gastroenterology Department of the Internal Medicine Service--5 years' data] Naumov B, et al. **Med Pregl** 1984;37(7-8):293-8 (Eng. Abstr.) **(Ser)**

COMPLICATIONS

Acquired B-antigen in a patient with a colo-vesical fistula. Muylle L, et al. **Acta Clin Belg** 1984;39(6):390-2

Polypoid lesions associated with diverticular disease of the sigmoid colon. Franzin G, et al. **Gastrointest Endosc** 1985 Jun;31(3):196-9

[Colonic diverticulitis with retroperitoneal perforation] Raskov HH, et al. **Ugeskr Laeger** 1984 Nov 19;146(47):3659 (Eng. Abstr.) **(Dan)**

[Yellow-nail syndrome. Review of the literature apropos of 2 cases associated with cancer] Levillain C, et al. **Ann Med Interne (Paris)** 1984;135(6):440-3 (Eng. Abstr.) **(Fre)**

[Collagenous colitis coexisting with polyadenoma. Favorable effect of mepacrine (letter)] Maroy B, et al. **Gastroenterol Clin Biol** 1985 May;9(5):453-4 **(Fre)**

[Neoplasms of the sigmoid incarcerated in inguinal hernia (case report and review of the literature)] Maldarizzi F, et al. **Chir Ital** 1983 Feb;35(1):43-50 (Eng. Abstr.) **(Ita)**

[Thrombopenia and carcinoma] Parra R, et al. **Rev Clin Esp** 1984 Sep 15;174(5):197-8 **(Spa)**

DIAGNOSIS

Detection of recurrent rectosigmoid carcinoma: prospective evaluation of CT and clinical factors. McCarthy SM, et al. **AJR** 1985 Mar;144(3):577-9

Predictive value of rectal bleeding in screening for rectal and sigmoid polyps. Chapuis PH, et al. **Br Med J [Clin Res]** 1985 May 25;290(6481):1546-8

Perforation of the colon by ingested chicken bone, leading to diagnosis of carcinoma of the sigmoid. Osler T, et al. **Dis Colon Rectum** 1985 Mar;28(3):177-9

Endometriosis of the sigmoid colon [letter] Emmanouilidis A, et al. **Gastrointest Endosc** 1984 Dec;30(6):373-4

[Diagnosis of tumor recurrence following curative treatment of rectosigmoid cancers] Detry R, et al. **Acta Gastroenterol Belg** 1984 Jul-Aug;47(4):370-5 (Eng. Abstr.) **(Fre)**

[The importance of monitoring carcinoembryonic antigen levels in carcinomas of the large intestine and rectum] Slančík J, et al. **Cas Lek Cesk** 1984 Nov 9;123(45):1374-6 (Eng. Abstr.) **(Slo)**

[Itching in the gluteal region as a symptom of malignancy?] Gisslén NG. **Lakartidningen** 1984 Nov 28;81(48):4541 **(Swe)**

DRUG THERAPY

Complications following postoperative combined radiation and chemotherapy in adenocarcinoma of the rectum and rectosigmoid. A randomized trial that failed. Sparsø BH, et al. **Cancer** 1984 Dec 1;54(11):2363-6

Phase II trial of 4'-epi-doxorubicin in metastatic colorectal carcinoma. Wils JA. **Invest New Drugs** 1984;2(4):397-9

ENZYMOLOGY

The role of peptidases in cancer of the rectum and sigmoid colon. Durdey P, et al. **Br J Surg** 1985 May;72(5):378-81

ETIOLOGY

Malignant lymphoma as a complication of ureterosigmoidostomy. Ghanem AN, et al. **Br J Surg** 1985 Jul;72(7):559-60

[Adenocarcinoma of the colon associated with the intestinal inflammatory reaction of the Crohn disease type] Manuel Palazuelos JC, et al. **Rev Esp Enferm Apar Dig** 1985 Apr; 67(4):347-51 (Eng. Abstr.) **(Spa)**

OCCURRENCE

Epidemiology of polyps in the rectum and sigmoid colon. Endoscopic evaluation of size and localization of polyps. Hoff G, et al. **Scand J Gastroenterol** 1985 Apr;20(3):356-60

Epidemiology of polyps in the rectum and sigmoid colon. Design of a population screening study. Hoff G, et al. **Scand J Gastroenterol** 1985 Apr;20(3):351-5

Epidemiology of polyps in the rectum and sigmoid colon. Histological examination of resected polyps. Hoff G, et al. **Scand J Gastroenterol** 1985 Aug;20(6):677-83

PATHOLOGY

Small-cell undifferentiated carcinoma of the rectosigmoid colon. Schwartz AM, et al. **Arch Pathol Lab Med** 1985 Jul;109(7):629-32

Coexisting primary malignant lymphoma and adenocarcinoma of the large intestine in an IgA-deficient boy. Mir-Madjlessi SH, et al. **Dis Colon Rectum** 1984 Dec; 27(12):822-4

Clinicopathological study of white spots of the colonic mucosa around polyps, with special reference to the endoscopic diagnosis of invasive carcinoma. Muto T, et al. **Gastrointest Endosc** 1984 Aug;30(4):231-3

Histochemical and morphologic studies of mucosa bordering rectosigmoid carcinomas: comparisons with normal, diseased, and malignant colonic epithelium. Lev R, et al. **Hum Pathol** 1985 Feb;16(2):151-61

The adenoma-carcinoma sequence. Day DW. **Scand J Gastroenterol [Suppl]** 1984;104:99-107

[CEA elevation 16 months after the detection of liver metastases in colonic carcinoma [letter] Putzki H, et al. **Dtsch Med Wochenschr** 1985 Apr 4;110(14):562 **(Ger)**

RADIOGRAPHY

False-negative barium enema in patients with sigmoid cancer and coexistent diverticula. Baker SR, et al. **Gastrointest Radiol** 1985;10(2):171-3

Local recurrence after sphincter-saving resection for rectal and rectosigmoid carcinoma. Value of various diagnostic methods. Grabbe E, et al. **Radiology** 1985 May; 155(2):305-10

RADIOTHERAPY

Preoperative irradiation of primarily non-resectable adenocarcinoma of the rectum and rectosigmoid. Påhlman L, et al. **Acta Radiol [Oncol]** 1985 Jan-Feb;24(1):35-9

Postoperative adjuvant irradiation for adenocarcinoma of the rectum and sigmoid. Brizel HE, et al. **Am J Clin Oncol** 1984 Dec;7(6):679-85

Adjuvant postoperative radiotherapy in carcinoma of the rectum and rectosigmoid. Hoskins RB, et al. **Cancer** 1985 Jan 1;55(1):61-71

Complications following postoperative combined radiation and chemotherapy in adenocarcinoma of the rectum and rectosigmoid. A randomized trial that failed. Sparsø BH, et al. **Cancer** 1984 Dec 1;54(11):2363-6

Radiation therapy of carcinoma in the rectum and sigmoid colon. Asakawa H, et al. **Tohoku J Exp Med** 1984 Dec; 144(4):409-16

[Adjuvant radiotherapy in rectosigmoid cancers] Winkler R. **Zentralbl Chir** 1985;110(2-3):124-36 (Eng. Abstr.) **(Ger)**

[Radiotherapy of local recurrences of surgically treated rectal and rectosigmoidal cancer] Gardani G, et al. **Radiol Med (Torino)** 1984 Mar;70(3):130-8 (Eng. Abstr.) **(Ita)**

SURGERY

Is anterior resection of the rectosigmoid safe after preoperative radiation? Roberson SH, et al. **Dis Colon Rectum** 1985 Apr;28(4):254-9

Sphincter-saving procedure for treatment of diffuse cavernous hemangioma of the rectum and sigmoid colon. Wang CH. **Dis Colon Rectum** 1985 Aug;28(8):604-7

Rationale for liver resection for metastatic colon carcinoma. Gardner B. **J Med Soc NJ** 1985 Apr;82(4):306-8

Total pelvic exenteration for advanced carcinoma of the lower colon. Takagi H, et al. **J Surg Oncol** 1985 Jan; 28(1):59-62

Surgical management of endometriosis with the carbon dioxide laser. Bellina JH, et al. **Microsurgery** 1984; 5(4):197-201

[Endoscopic surveillance of patients subjected to treatment for recto-sigmoid cancer] Di Felice G, et al. **Schweiz Rundsch Med Prax** 1984 Oct 30;73(44):1351-2 (Eng. Abstr.) **(Fre)**

[Sigmoid cancer: left hemicolectomy or segmental resection?] Farthmann EH, et al. **Langenbecks Arch Chir** 1984; 362(4):289-96 **(Ger)**

[Cyst of Gartner's duct as a surgical problem] Kukuk G, et al. **Zentralbl Chir** 1984;109(10):688-90 **(Ger)**

[A new variant of sigmoid anus praeternaturalis] Clemens M. **Orv Hetil** 1985 Jan 27;126(4):219-20 (Eng. Abstr.) **(Hun)**

[Studies on the results of operations for carcinoma of the sigmoid colon] Ouchi A, et al. **Gan No Rinsho** 1984 Aug; 30(10):1274-9 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of pelvic exenteration for carcinoma of the lower colon] Takeshima H, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jun;75(6):967-72 (Eng. Abstr.) **(Jpn)**

[Method of resecting large polyps of the rectum and distal portion of the sigmoid colon] Baranchikov VI, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):106-9 **(Rus)**

SIGMOIDOSCOPY

The benefits of systematic fiberoptic flexible sigmoidoscopy. Yarborough GW, et al. **Arch Intern Med** 1985 Jan; 145(1):95-6

Symposium on outpatient anorectal procedures. Flexible fiberoptic sigmoidoscopy. an office procedure. Smith LE. **Can J Surg** 1985 May;28(3):233-6

Current perspectives in colon radiography: the postendoscopy and postbiopsy barium enema. Lappas JC, et al. **CRC Crit Rev Diagn Imaging** 1985;24(4):369-87 (59 ref.)

Does flexible sigmoidoscopy have any justification as compared with complete colonoscopy. An analysis of cost-effectiveness and medical risks. Aberg T, et al. **Endoscopy** 1985 Jul;17(4):133-6

Endometriosis of the sigmoid colon [letter] Emmanouilidis A, et al. **Gastrointest Endosc** 1984 Dec;30(6):373-4

Flexible sigmoidoscopy [letter] Rodney WM. **J Fam Pract** 1984 Oct;19(4):429, 432

Flexible sigmoidoscopy for screening in primary practice. A key to improved survival in colon cancer. Semerdjian G. **Postgrad Med** 1985 Sep 1;78(3):47-50

Relative sensitivity of the fecal occult blood test and flexible sigmoidoscopy in detecting polyps. Demers RY, et al. **Prev Med** 1985 Jan;14(1):55-62

[Contribution of proctosigmoidoscopy in colonopathies caused by Candida albicans] Bensaude RJ. **Ann Gastroenterol Hepatol (Paris)** 1984 Oct-Nov; 20(5):275-80 (Eng. Abstr.) **(Fre)**

[Sensitivity and specificity of the Hemoccult test compared with fibrosigmoidoscopy in the detection of colorectal polyps (letter)] Ndjitoyap C, et al. **Gastroenterol Clin Biol** 1984 Aug-Sep;8(8-9):678-9 **(Fre)**

[Emergency situations in pathology of the left colon: validity of fibrosigmoidoscopy in differential diagnosis] Gabrielli F, et al. **Chir Ital** 1983 Oct;35(5):733-41 (Eng. Abstr.) **(Ita)**

ADVERSE EFFECTS

Does bacteremia occur during flexible sigmoidoscopy? Goldman GD, et al. **Am J Gastroenterol** 1985 Aug; 80(8):621-3

Subcutaneous emphysema: a rare complication of fibreoptic sigmoidoscopy. McCarthy JH, et al. **Aust NZ J Med** 1985

Feb;15(1):47-9

Enterococcal endocarditis after sigmoidoscopy [letter] Murray JL. **West J Med** 1984 Nov;141(5):689-90

[Intestinal injuries in rectosigmoidoscopy in expert opinion] Ludwig K, et al. **Zentralbl Chir** 1984;109(19):1268-72 (Eng. Abstr.) **(Ger)**

EDUCATION

Experience with flexible sigmoidoscopy in a training program. Brock CD, et al. **J SC Med Assoc** 1985 Jun; 81(6):327-31

Sigmoidoscopy. A basic medical skill? [editorial] Hugh TB. **Med J Aust** 1984 Aug 18;141(4):211-2

Training in sigmoidoscopy. An assessment in three teaching hospitals. Speer AG, et al. **Med J Aust** 1984 Aug 18; 141(4):223-5

INSTRUMENTATION

Second-generation video sigmoidoscopy. Rodney WM, et al. **Am Fam Physician** 1985 Mar;31(3):127-32

Lithotripsy of urinary concrement in the sigmoid after ureterosigmoidostomy. Burmeister W, et al. **Endoscopy** 1985 Jan;17(1):38-9

Why flexible sigmoidoscopy instead of rigid sigmoidoscopy? Rodney WM, et al. **J Fam Pract** 1984 Oct;19(4):471-6

Physician compliance with colorectal cancer screening (1978-1983): the impact of flexible sigmoidoscopy. Rodney WM, et al. **J Fam Pract** 1985 Mar;20(3):265-9

Flexible fiberoptic sigmoidoscopy. Knoepp LF Jr. **J SC Med Assoc** 1985 Jul;81(7):391-3

[Rectoscopy and sigmoidoscopy--new instruments] Phillip J, et al. **Internist (Berlin)** 1985 Jan;26(1):6-8 **(Ger)**

METHODS

Sigmoidoscopy. Fraser A. **Aust Fam Physician** 1985 Apr; 14(4):329-33

Flexible sigmoidoscopy: safety and usefulness in the geriatric patient. Helzberg JH, et al. **Geriatrics** 1985 May; 40(5):105-7, 111

UTILIZATION

Sigmoidoscopy/proctoscopy service with open access to general practitioners. Donald IP, et al. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):759-61

SIGN LANGUAGE see under **MANUAL COMMUNICATION**

SILAGE see under **ANIMAL FEED**

SILANES see under **SILICON**

SILASTICS see **SILICONE ELASTOMERS**

SILICA

Reconstruction of silica exposure in the North Carolina dusty trades. Rice C, et al. **Am Ind Hyg Assoc J** 1984 Oct; 45(10):689-96

Silica, pneumoconiosis, and carcinoma of the lung. Heppleston AG. **Am J Ind Med** 1985;7(4):285-94 (72 ref.)

Percoll and Ficoll self-generated density gradients by low-speed osmocentrifugation. Nunes SP, et al. **Anal Biochem** 1985 Apr;146(1):48-51

Adjustment of the osmolality of Percoll for the isopycnic separation of cells and cell organelles. Vincent R, et al. **Anal Biochem** 1984 Sep;141(2):322-8

Chitin-coated Celite as an affinity adsorbent for high-performance liquid chromatography of lysozyme. Yamada H, et al. **Anal Biochem** 1985 Apr;146(1):71-4

Immobilization of immunoglobulins on silica surfaces. Stability. Jönsson U, et al. **Biochem J** 1985 Apr 15; 227(2):363-71

Immobilization of immunoglobulins on silica surfaces. Kinetics of immobilization and influence of ionic strength. Jönsson U, et al. **Biochem J** 1985 Apr 15;227(2):373-8

A caution in the use of octadecylsilane-bonded silica cartridges for the extraction of bile acids from serum. Whiting MJ. **Clin Chim Acta** 1984 Aug 31;141(2-3):261-5

The use of the PREP system for handling of body fluids. Williams RC. **Int J Environ Anal Chem** 1984;18(1-2):37-49

Reversed-phase chromatography of proteins with diphenyl-silica column and hydro-organic eluents containing two organic solvents. Chang JP, et al. **J Chromatogr** 1985 Jan 4;318(1):11-21

Properties of microfilled composite resins as influenced by filler content. St. Germain H, et al. **J Dent Res** 1985 Feb; 64(2):155-60

An evaluation of fused silica capillary columns for the screening of basic drugs in postmortem blood: qualitative and quantitative analysis. Koves EM, et al. **J Forensic Sci** 1985 Jul;30(3):692-707

Isolation of interleukin 2 (IL-2) from human and mouse lymphocyte culture supernatants by batch adsorption onto silicic acid. Pauly JL, et al. **J Immunol Methods** 1984 Dec 14;75(1):73-84

Bare silica as a reverse-phase stationary phase: liquid chromatographic separation of antihistamines with buffered aqueous organic mobile phases. Richardson H, et al. **J Pharm Sci** 1984 Oct;73(10):1480-2

The isolation of rat alveolar type II cells: a simplified approach using Percoll density centrifugation. Skillrud DM, et al. **Lung** 1984;162(4):245-52

Degradation of DNA by silicic acid. Rahman Q, et al. **Mutat Res** 1984 Sep;141(1):1-5

[Quantitative radiometry of [3H]androgens on silica gel plates with an aluminum layer] Degtiar' VG, et al. **Bioorg Khim** 1983 Oct;9(10):1416-21 (Eng. Abstr.) **(Rus)**

[Body functions of operators of various types of plasma units] Il'nitskaia AV. **Gig Tr Prof Zabol** 1985 Feb;(2):25-9 (Eng. Abstr.) **(Rus)**

[Various properties of galactose oxidase from Fusarium graminearum IMV-F-1060 immobilized on aminoorganosilochromes] Kondakova LV, et al. **Ukr Biokhim Zh** 1984 Jul-Aug;56(4):394-8 (Eng. Abstr.) **(Rus)**

[Biological role of contaminants of construction material dust based on natural silicates in the development of pneumoconiosis (experimental study)] Khmel'nitskiĭ OK, et al. **Vestn Akad Med Nauk SSSR** 1984;(10):61-8 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Measurements of reticuloendothelial system phagocytic activity in the rat after treatment with silica, liposomes, and cyclosporine. Merion RM. **Transplantation** 1985 Jul; 40(1):86-90

[Pharmaceutical and biological availability of theophylline from suppositories with or without aminophylline and with the addition of aerosil] Masiakowski J, et al. **Acta Pol Pharm** 1984;41(2):253-7 (Eng. Abstr.) **(Pol)**

ADVERSE EFFECTS

In vitro assessment of the fibrogenicity of mineral dusts. Heppleston AG, et al. **Am J Ind Med** 1984;6(5):373-86

Gaviscon bezoars [letter] Sorbie AL, et al. **Arch Dis Child** 1984 Sep;59(9):905-6

Respiratory morbidity in wollastonite workers. Hanke W, et al. **Br J Ind Med** 1984 Nov;41(4):474-9

Pustular reactions to hexafluorosilicate in foam rubber. Dooms-Goossens A, et al. **Contact Dermatitis** 1985 Jan; 12(1):42-7

Correlation between cytotoxicity and fibrogenicity of silicosis-inducing dusts. Katsnelson BA, et al. **Med Lav** 1984 Nov-Dec;75(6):450-62

Iatrogenic hypokalaemia [letter] Haboubi NY, et al. **Practitioner** 1985 Apr;229(1402):302

ANALYSIS

Quantitative determination of crystalline silica in respirable-size dust samples by infrared spectrophotometry. Foster RD, et al. **Analyst** 1984 Sep;109(9):1117-27

Determination of free quartz surfaces in coal mine dust. Kriegseis W, et al. **Ann Occup Hyg** 1985;29(1):91-9

A membrane filter technique for glass fibres. Rendall RE, et al. **Ann Occup Hyg** 1985;29(1):101-8

Silicon dioxide calculi in humans in the absence of silicate antacid medication. Alpaugh HB, et al. **Scan Electron Microsc** 1984;(Pt 2):969-72

[Investigation of the permissible concentrations of free silica dust] Liu JD. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Mar;18(2):101-4 (Eng. Abstr.) **(Chi)**

[Determination of excipients in pharmaceutical preparations I. Simultaneous determination of talc and aerosil in tablets] Varsányi E, et al **Acta Pharm Hung** 1984 Jul;54(4):146-53 (Eng. Abstr.) **(Hun)**

[Optimization of environmental sampling of quartziferous dust as a function of the limits and non-linearity of the diffractometric response] Casciani G, et al. **Med Lav** 1984 May-Jun;75(3):200-6 (Eng. Abstr.) **(Ita)**

[Determination of free silica in airborne dust by phosphoric acid method] Koyano M, et al. **Sangyo Igaku** 1984 Jan; 26(1):9-14 (Eng. Abstr.) **(Jpn)**

DIAGNOSTIC USE

Long-term preservation of fungi (yeast, thermophilic actinomycetes and filamentous species) on anhydrous silica gel. Khan ZU, et al. **Indian J Exp Biol** 1984 Sep; 22(9):509-10

Further studies on the lymphocyte transformation test in diagnosis of nickel allergy. Effect of fractionation of lymphocytes into different subpopulations on the basis of density. Nordlind K. **Int Arch Allergy Appl Immunol** 1984; 75(4):333-6

Isolation of proteins from crude mixtures with silica and silica-based adsorbents. Wolfe RA, et al. **J Chromatogr** 1984 Jul 27;296:277-84

IMMUNOLOGY

[Formation of a protective cellular reaction of the respiratory tract after combined exposure to silicon dioxide and ozone] Kalina OV, et al. **Gig Tr Prof Zabol** 1984 Dec;(12):29-33 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Elimination of silica gel from gangliosides by using a reversed-phase column after preparative thin-layer chromatography. Kubo H, et al. **J Lipid Res** 1985 May; 26(5):638-41

METABOLISM

Interaction of type I collagen with sepiolite (magnesium silicate). Olmo N, et al. **Coll Relat Res** 1985 Jan;5(1):9-16

PHARMACODYNAMICS

ATP depletion and loss of cell integrity in anoxic hepatocytes and silica-treated P388D1 macrophages. Kane AB, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):C256-66

A spin label study of the effects of asbestos, quartz, and titanium dioxide dusts on the bovine erythrocyte membrane. Leyko W, et al. **Br J Ind Med** 1985 Apr; 42(4):281-4

The assessment of gastric acidity and antacid effect in pregnant women by a non-invasive radiotelemetry technique. O'Sullivan GM, et al. **Br J Obstet Gynaecol** 1984 Oct;91(10):973-8

Effect of silica and volcanic ash on the content of lung alveolar and tissue phospholipids. Kornbrust DJ, et al. **Environ Res** 1984 Oct;35(1):140-53

Induction of early alveolar injury by inhaled asbestos and silica. Brody AR, et al. **Fed Proc** 1985 Jul;44(10):2596-601

Murine natural resistance to Trypanosoma lewisi involves complement component C3 and radiation-resistant, silica dust-sensitive effector cells. Albright JW, et al. **Infect Immun** 1985 Jan;47(1):176-82

Biogenic silica fibre promotes carcinogenesis in mouse skin. Bhatt T, et al. **Int J Cancer** 1984 Oct 15;34(4):519-28

[Inhibition of cytotoxic reactivity of HLA-A and B antigens by Percoll] Májský A, et al. **Cas Lek Cesk** 1984 Mar 23; 123(12):358-62 (Eng. Abstr.) **(Cze)**

[Biological and pharmacological properties of orthosilicic acid and its derivatives and their effect on the body] Janczarski I, et al. **Polim Med** 1983;13(3-4):173-81 (Eng. Abstr.) **(Pol)**

POISONING

Accidental magnesium fluoro silicate ingestion. Brookes MT, et al. **Scott Med J** 1984 Oct;29(4):239-40

[Death by peroral ingestion of soluble glass (sodium silicate)] Sigrist T, et al. **Z Rechtsmed** 1985;94(3):245-50 (Eng. Abstr.) **(Ger)**

RADIATION EFFECTS

[Graft polymerization onto poly(methylvinylsiloxane)-bonded silica gel by gamma-ray irradiation] Yamakita H, et al. **Radioisotopes** 1984 Aug; 33(8):513-8 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

Magnesium trisilicate mixture BP [letter] Lord PW. **Anaesthesia** 1984 Nov;39(11):1144

The effect of magnesium trisilicate mixture, metoclopramide and ranitidine on gastric pH, volume and serum gastrin. O'Sullivan G, et al. **Anaesthesia** 1985 Mar;40(3):246-53

Administration of silica prevents diabetes in BB-rats. Oschilewski U, et al. **Diabetes** 1985 Feb;34(2):197-9

Comparative study of four antacids. Jacyna MR, et al. **Postgrad Med J** 1984 Sep;60(707):592-6

Sucralfate and alginate/antacid in reflux esophagitis. Laitinen S, et al. **Scand J Gastroenterol** 1985 Mar;20(2):229-32

[Therapy of stomach ulcer with low-dose antacid gel and cimetidine. A multicenter double-blind study] Pace F, et al. **Dtsch Med Wochenschr** 1985 Feb 22;110(8):283-7 (Eng. Abstr.) **(Ger)**

TOXICITY

The comparative toxicity of volcanic ash and quartz. Effects on cells derived from the human lung. Martin TR, et al. **Am Rev Respir Dis** 1984 Nov;130(5):778-82

A further experimental study of the antisilicotic effect of glutamate. Morosova KI, et al. **Br J Ind Med** 1984 Nov; 41(4):518-25

Inhalation studies on the effects of tremolite and brucite dust in rats. Davis JM, et al. **Carcinogenesis** 1985 May; 6(5):667-74

Effects of selenium on quartz-induced cytotoxicity in macrophages. Gabor S, et al. **Environ Res** 1985 Aug; 37(2):293-9

Lead silicate toxicity: a comparison among different compounds. Sartorelli E, et al. **Environ Res** 1985 Apr; 36(2):420-5

IARC monographs on the evaluation of the carcinogenic risk of chemicals to humans. Polynuclear aromatic compounds, Part 4, Bitumens, coal-tars and derived products, shale-oils and soots. **IARC Monogr Eval Carcinog Risk Chem Hum** 1985 Jan; 35:1-247

Shale-oils. **IARC Monogr Eval Carcinog Risk Chem Hum** 1985 Jan;35:161-217

Environmental silica in badger lungs: a possible association with susceptibility to Mycobacterium bovis infection. Higgins DA, et al. **Infect Immua** 1985 Apr;48(1):252-6

Interaction of silicate dust with erythrocyte ghost membrane: in vitro studies. Singh SV, et al. **J Appl Toxicol** 1984 Oct; 4(5):236-40

Relative effects of asbestos and wollastonite on alveolar macrophages. Pailes WH, et al. **J Toxicol Environ Health** 1984;14(4):497-510

Twenty-eight week toxicity study of perlite powder in mice. Sakai T, et al. **J Toxicol Sci** 1985 May;10(2):83-93

Elimination of macrophages with silica and asbestos. Kagan E, et al. **Methods Enzymol** 1984;108:325-35

In vitro effects of crocidolite asbestos and wollastonite on pulmonary macrophages and serum complement. Warheit DB, et al. **Scan Electron Microsc** 1984;(Pt 2):919-26

[Assessment of the maximum permissible concentration of quartz dust in the air by its experimentally established maximum permissible content in the lungs] Elovskaia LT, et al. **Gig Tr Prof Zabol** 1985 Apr;(4):16-21 (Eng. Abstr.) **(Rus)**

[Comparative characteristics of the cytotoxic properties of natural zeolites] Korkina LG, et al. **Gig Tr Prof Zabol** 1984 Dec;(12):49-50 **(Rus)**

SILICIC ACID see under **SILICA**

SILICON

see related
ASBESTOS

Selective shielding of a p-Si detector for quality independence. Rikner G, et al. **Acta Radiol [Oncol]** 1985 Jan-Feb;24(1):65-9

Characteristics of a p-Si detector in high energy electron fields. Rikner G. **Acta Radiol [Oncol]** 1985 Jan-Feb; 24(1):71-4

Characteristics of a selectively shielded p-Si detector in 60Co and 8 and 16 MV roentgen radiation. Rikner G. **Acta Radiol [Oncol]** 1985 Mar-Apr;24(2):205-8

Direct bonding of orthodontic brackets to esthetic restorative materials using a silane. Newman SM, et al. **Am J Orthod** 1984 Dec;86(6):503-6

Use of t-butyldimethylsilylation in the gas chromatographic/mass spectrometric analysis of physiologic compounds found in plasma using electron-impact ionization. Schwenk WF, et al. **Anal Biochem** 1984 Aug 15;141(1):101-9

Silane crosslinked polyethylene for prosthetic applications. II. Creep and wear behaviour and a preliminary moulding test. Atkinson JR, et al. **Biomaterials** 1984 Nov;5(6):326-35

Alignment of microscopic particles in electric fields and its biological implications. Takashima S, et al. **Biophys J** 1985 Apr;47(4):513-8

Role of surfactants in a self-gelling liquid composition for use in the oral cavity. Gron P, et al. **Caries Res** 1984; 18(6):519-24

Thermophilic microspheres of peptide-like polymers and silicates formed at 250 degrees C. Yanagawa H, et al. **J Biochem (Tokyo)** 1985 May;97(5):1521-4

Influence of silane treatment and filler fraction on thermal expansion of composite resins. Söderholm KJ. **J Dent Res** 1984 Nov;63(11):1321-6

Nuclear fragmentation of clinical silicon beam. Jain PL, et al. **Radiat Res** 1985 Feb;101(2):225-36

[Study of thrombus resistance of materials using the prothrombin consumption test] Uglov FG, et al. **Vestn Khir** 1984 Sep;133(9):3-5 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Pneumoconiosis associated with exposure to glass and abrasive particles. Brody J, et al. **Am J Ind Med** 1984; 6(5):339-45

Role of fluoride and silicon in urinary calculi disease. **Nutr Rev** 1985 May;43(5):140-1 (9 ref.)

[Intestinal occlusion and enterocolitis caused by Gelopectose] Mercier JC, et al. **Arch Fr Pediatr** 1984 Dec;41(10):709-10 (Eng. Abstr.) **(Fre)**

ANALYSIS

Silicon-containing particles in synovial fluid: scanning electron microscopy coupled with analytical techniques allows an easy identification and differentiation from pathologically relevant crystals. Faure G, et al. **Ann Rheum Dis** 1985 Mar;44(3):148-50

Cigarette smoking and inorganic dust in human lungs. Vallyathan V, et al. **Arch Environ Health** 1985 Mar-Apr; 40(2):69-73

Silicon contents in normal, fatty streaks and atheroma of human aortic intima: its relationship with glycosaminoglycans. Nakashima Y, et al. **Br J Exp Pathol** 1985 Feb;66(1):123-7

Extrapulmonary localisation of carbon and silica particles in anthracosilicosis. Kádas I, et al. **Med Lav** 1984 Sep-Oct; 75(5):404-6

Occurrence of airborne silicon carbide fibers during industrial production of silicon carbide. Bye E, et al. **Scand J Work Environ Health** 1985 Apr;11(2):111-5

[A study on silicon localization in the mucous membrane of chronic maxillary sinusitis] Morita K. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Jan;88(1):13-9 (Eng. Abstr.) **(Jpn)**

CHEMICAL SYNTHESIS

Synthesis of [18F]2-deoxy-2-fluoro-D-glucose from highly reactive [18F]tetraethylammonium fluoride prepared by hydrolysis of [18F]fluorotrimethylsilane. Hutchins LG, et al. **Int J Appl Radiat Isot** 1985 May;36(5):375-8

Deoxyribonucleoside-3',5'-cyclic silanediyl derivatives: formation and properties. Furusawa K, et al. **Nucleic Acids Symp Ser** 1984;(15):41-4

[Synthesis and study of 5-(trialkylsilyl)pyrimidine nucleosides. A new alpha-2'-deoxynucleoside with antiherpes activity] Mel'nik SIa, et al. **Bioorg Khim** 1984 Dec;10(12):1645-54 (Eng. Abstr.) **(Rus)**

DIAGNOSTIC USE

Synthesis and some characteristics of no-carrier added [18F]fluorotrimethylsilane. Rosenthal MS, et al. **Int J Appl Radiat Isot** 1985 Apr;36(4):318-9

METABOLISM

Silicon compounds as substrates and inhibitors of acetylcholinesterase. Aberman A, et al. **Biochim Biophys Acta** 1984 Dec 7;791(2):278-80

[Toxicokinetics and metabolism of hexamethyldisilazane] Turzhova BB, et al. **Gig Sanit** 1985 May;(5):73-4 **(Rus)**

THERAPEUTIC USE

Results of the Sherbrooke-Lac Mégantic fluoride varnish study after 20 months. Clark DC, et al. **Community Dent Oral Epidemiol** 1985 Apr;13(2):61-4

TOXICITY

Organosilicone induced malformation of rat sperms, a histochemical study. Haider SG, et al. **Acta Histochem (Jena)** 1984;75(2):149-51

Studies on chemical carcinogens and mutagens. XXIX. Mutagenic N-trimethylsilylmethyl-N-nitrosourea as a biological alkylating agent equivalent to N-methyl-N-nitrosourea (MNU). Hakura A, et al. **Mutat Res** 1985 Jul;157(1):87-93

Concerning the relative non-toxicity of silacrown ionophores. Pannell KH, et al. **Pharmacol Biochem Behav** 1984;21 Suppl 1:77-80

SILICONE ELASTOMERS

Oligosiloxans in reconstructive surgery of the face. Daurova TT, et al. **Acta Chir Plast** 1985;27(2):91-7

Polyurethane-covered silicone gel mammary prosthesis for successful breast reconstruction. Pennisi VR. **Aesthetic Plast Surg** 1985;9(2):73-7

Long-term reversible contraception with levonorgestrel-releasing Silastic rods [letter] Gupta GN. **Am J Obstet Gynecol** 1985 Mar 15;151(6):827

Reduced capsule formation around soft silicone rubber prostheses coated with solid collagen. Ksander GA, et al. **Ann Plast Surg** 1985 Apr;14(4):351-60

Silastic foam dressing: an appraisal [letter] Regnard C, et al. **Ann R Coll Surg Engl** 1985 Jul;67(4):271

Evaluation of silicone elastomer catheters for long-term intravenous chemotherapy. Legha SS, et al. **Arch Intern Med** 1985 Jul;145(7):1208-11

Implant effects on polyurethane and silicone cardiac pacing leads in humans: insulation measurements and SEM observations. Barbaro V, et al. **Biomaterials** 1985 Jan; 6(1):28-32

Silastic sling for urethral sphincter incompetence in women. Stanton SL, et al. **Br J Obstet Gynaecol** 1985 Jul; 92(7):747-50

Resection arthroplasty with Swanson's implant for posttraumatic stiffness of proximal interphalangeal joints. Iselin F, et al. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall; 44(2):233-47

Stabilization of the ulnar side of the rheumatoid wrist, following radiocarpal Swanson's implant arthroplasty and resection of the distal ulna. Rowland SA. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):442-8

Percutaneous placement of two single-lumen Silastic catheters for long-term venous access. Lessons learned with experience in over 200 patients. Carroll C, et al. **Cancer** 1985 Jun 1;55(11):2712-4

Silicone contact lenses: a personal 13-year perspective. Blackhurst RT. **CLAO J** 1985 Jan-Mar;11(1):57-61

Silastic condylar arthroplasty. Howard FM, et al. **Clin Orthop** 1985 May;(195):144-50

The angled great toe implant (Swanson design/Weil modification) in the surgical reconstruction of the first metatarsophalangeal joint. Arenson DJ. **Clin Podiatry** 1984 Apr;1(1):89-102

A new implant for the metatarsophalangeal joint. Sgarlato T. **Clin Podiatry** 1984 Apr;1(1):69-77

Venous access using the Hickman catheter. Ready AR, et al. **Eur J Surg Oncol** 1985 Jun;11(2):155-7

Release of osmotically active drugs from silicone rubber matrixes. Di Colo G, et al. **Farmaco [Prat]** 1984 Sep; 39(9):310-9

Serratia rubidaea isolated from a silastic foam dressing. Parment PA, et al. **Infection** 1984 Jul-Aug;12(4):268-9

Silastic arthroplasty for avascular necrosis of the carpal lunate. Pardini AG. **Int Orthop** 1984;8(3):223-7

Evaluation of an automatic mixing system for an addition silicone impression material. Craig RG. **J Am Dent Assoc** 1985 Feb;110(2):213-5

Complications of scaphoid silicone arthroplasty. Kleinert JM, et al. **J Bone Joint Surg [Am]** 1985 Mar;67(3):422-7

Metacarpal resection with a contoured iliac bone graft and silicone rubber implant for metacarpal giant cell tumor: a case report. Carlow SB, et al. **J Hand Surg [Am]** 1985 Mar;10(2):275-8

Silicone synovitis of the wrist. Smith RJ, et al. **J Hand Surg [Am]** 1985 Jan;10(1):47-60

Swanson silastic wrist arthroplasty. A retrospective study of fifteen cases. McCombe PF, et al. **J Hand Surg [Br]** 1985 Jun;10(2):199-201

The gastrostomy 'button'--a simple, skin-level, nonrefluxing device for long-term enteral feedings. Gauderer MW, et al. **J Pediatr Surg** 1984 Dec;19(6):803-5

Physical model approach in the study of the transport of alkyl amines across a silicone rubber membrane in a two-chamber diffusion cell. Patel DC, et al. **J Pharm Sci** 1984 Aug;73(8):1028-34

A quick method for processing MDX-4-4210 silicone rubber. Draper J, et al. **J Prosthet Dent** 1984 Sep;52(3):450-2

New irreversible hydrocolloid silicone impression material. Eames WB, et al. **J Prosthet Dent** 1984 Oct;52(4):479-84

A comparison of the physical properties of a room temperature vulcanizing silicone modified and unmodified. Kouyoumdjian J, et al. **J Prosthet Dent** 1985 Mar; 53(3):388-91

Acetic acid vapor levels associated with facial prosthetics. McElroy TH, et al. **J Prosthet Dent** 1985 Jan;53(1):86-7

Putty materials for stable removable partial denture bases. Mitchener RW, et al. **J Prosthet Dent** 1985 Mar;53(3):435-6

Relationship of syringe-tip diameter to voids in elastomer impressions. Stackhouse JA Jr. **J Prosthet Dent** 1985 Jun; 53(6):812-5

Mechanical properties of a new facial prosthetic material. Wolfaardt JF, et al. **J Prosthet Dent** 1985 Feb;53(2):228-34

Permeation of lipophilic drugs through synthetic elastomers. Bruck SD, et al. **Med Prog Technol** 1983-84;10(3):161-9

Evidence for macrophage activation in dialysis patients exposed to silicone filing. Bommer J, et al. **Nephron** 1985; 39(4):395-7

Spallation of dialysis materials--problems and perspectives. Bommer J, et al. **Nephron** 1985;39(4):285-9 (48 ref.)

Community hospital's experience with penile prosthesis. Limbert DJ. **Ohio State Med J** 1985 Jan;81(1):53-5

Silicone tubing used in intubating the lacrimal system. Joining the ends for easy removal. Rutherford S, et al. **Ophthalmology** 1984 Aug;91(8):963-5

An epoxy resin and silicone impregnation technique for the preservation of oral pathology teaching specimens. Aufdemorte TB, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):74-6

Mandibular reconstruction using silicone: fifteen-year follow-up. McKenzie ML. **Plast Reconstr Surg** 1984 Oct; 74(4):531-4

Scanning electron-microscopic study of Silastic scleral sponges. Bartley GB, et al. **Retina** 1985 Winter-Spring; 5(1):42-6

Effect of silastic tubing wall thickness on ex vivo thrombus formation in a series shunt. Lelah MD, et al. **Trans Am Soc Artif Intern Organs** 1984;30:411-6

Use of a silicone membrane feeding technique in the laboratory maintenance of a colony of Ornithodoros moubata. Osborne RW, et al. **Trop Anim Health Prod** 1985 Feb;17(1):31-8

[On the causes of extrusion of episcleral silicone implants following retinal detachment surgery] Fu SJ. **Chung Hua Yen Ko Tsa Chih** 1985 Jan;21(1):44-5 **(Chi)**

[Silastic foam dressing compared with mèche-treatment in open management following excision of a pilonidal cyst] Eldrup J. **Ugeskr Laeger** 1985 Jan 28;147(5):408-9 (Eng. Abstr.) **(Dan)**

[A new concept of dressing: silastic foam] Balique JG, et al. **J Chir (Paris)** 1984 Nov;121(11):685-9 (Eng. Abstr.) **(Fre)**

[Silicone biliary prosthesis. 150 cases] Kron B, et al. **Presse Med** 1985 Jun 15;14(24):1335-7 (Eng. Abstr.) **(Fre)**

[Use of silicone rubber in prosthetic sockets--report of experiences] Wilk R, et al. **Biomed Tech (Berlin)** 1984 Dec; 29(12):337-40 (Eng. Abstr.) **(Ger)**

[Silicone rubber dressing in wound healing disorders] Fröbel WJ, et al. **Langenbecks Arch Chir** 1984;364:313-6 (Eng. Abstr.) **(Ger)**

[Sonography of superficial areas using a silicone elastomer block] Schwaighofer B, et al. **Ultraschall Med** 1985 Feb; 6(1):49-50 (Eng. Abstr.) **(Ger)**

[A new artificial cushion (elastomer) as the interface for sonography] Wichmann W, et al. **Ultraschall Med** 1984 Oct; 5(5):265-7 (Eng. Abstr.) **(Ger)**

[Reaction of bones to silicone rubber implants. Results of histology, microradiography and polychrome sequence labeling] Feldmeier C, et al. **Unfallheilkunde** 1984 Sep; 87(9):380-3 (Eng. Abstr.) **(Ger)**

[Joint surface replacement with silicone rubber. Experimental studies] Feldmeier C, et al. **Unfallheilkunde** 1984 Oct; 87(10):430-5 (Eng. Abstr.) **(Ger)**

[Radius joint surface replacement with silicone rubber. Clinical results] Feldmeier C. **Unfallheilkunde** 1984 Oct; 87(10):436-9 (Eng. Abstr.) **(Ger)**

[Prevention and treatment of complications of breast endoprostheses] Iudenich VV, et al. **Sov Med** 1985; (3):115-8 **(Rus)**

[Clinical and functional evaluation of the results of contour mandibuloplasty using a silicone implant] Baev VT, et al. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):31-4 (Eng. Abstr.) **(Rus)**

[Elastic silicone artificial crystalline lens (the results of its clinical use)] Fedorov SN, et al. **Vestn Oftalmol** 1985 Mar-Apr;101(2):20-2 (Eng. Abstr.) **(Rus)**

[Endoprosthesis of the carpal bones] Movshovich IA, et al.

Voen Med Zh 1985 Apr;(4):50-3 (Rus)

[Silicone foam dressing in the surgery of hypospadias] Aragona F, et al. **Arch Esp Urol** 1984 Dec;37 Suppl 1:606-8 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

Implanted material tolerance studies for a multiple-channel cochlear prosthesis. Shepherd RK, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;411:71-81

Massive heterotopic ossification in breast implant capsules. Peters WJ, et al. **Aesthetic Plast Surg** 1985;9(1):43-5

Hemolytic anemia secondary to erosion of a Silastic band into the lumen of the pulmonary trunk. Kutsche LM, et al. **Am J Cardiol** 1985 May 1;55(11):1438-9

Flammability of silicone rubber: an unrecognized hazard. Whitacre MM, et al. **Ann Ophthalmol** 1984 Aug;16(8):770-2

Complications of silicone implants in foot surgery. Vanore J, et al. **Clin Podiatry** 1984 Apr;1(1):175-98 (66 ref.)

Silicone shard formation: a product of implant arthroplasty. Sollitto RJ, et al. **J Foot Surg** 1984 Sep-Oct;23(5):362-5

Collagen implantation in patients treated previously with silicone. Cooperman L, et al. **J Int Med Res** 1985; 13(2):109-15

Sterile shunt malfunction. A scanning electron microscopic perspective. Gower DJ, et al. **J Neurosurg** 1984 Dec; 61(6):1079-84

Late infections of pacemaker units due to silicone rubber insulation boots. Buch J, et al. **PACE** 1985 Jul;8(4):494-6

Five years experience of breast augmentation using silicone gel prostheses with emphasis on capsule shrinkage. Brandt B, et al. **Scand J Plast Reconstr Surg** 1984;18(3):311-6

[Central venous catheterization--experiences in neonatal intensive medicine based on scanning electron microscopy study of Silastic catheters] Kerstan J, et al. **Klin Padiatr** 1985 Mar-Apr;197(2):111-5 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

Surface texture of stone model setting against elastomer impression materials. Nanami T, et al. **Swed Dent J** 1984; 8(5):251-5

THERAPEUTIC USE

Silastic foam dressing: an appraisal. Groves AR, et al. **Ann R Coll Surg Engl** 1985 Mar;67(2):116-8

Foam elastomer and gauze dressings in the management of open perineal wounds: a cost-effectiveness study. Culyer AJ, et al. **Br J Clin Pract** 1984 Jul-Aug;38(7-8):263-8, 274

Prevention of reformation of pelvic adhesions by 'Barrier' methods. Yemini M, et al. **Int J Fertil** 1984;29(3):194-6

[Scar correction using tissue expanders] von Szalay L. **Handchir Mikrochir Plast Chir** 1985 Mar;17(2):61-3 (Eng. Abstr.) (Ger)

TOXICITY

New low-bleed implant--Silastic II. Barker DE, et al. **Aesthetic Plast Surg** 1985;9(1):39-41

SILICONES

A new silicone oil pump [letter] Gonvers M. **Am J Ophthalmol** 1985 Feb 15;99(2):210

The siloxane bond in contact lens materials: the siloxanyl alkyl methacrylate copolymers. Refojo MF. **Ann Ophthalmol** 1984 Nov;16(11):1009-13

Augmentation of temporal area by insertion of silicone plate under the temporal fascia. Watanabe K, et al. **Ann Plast Surg** 1984 Oct;13(4):309-19

Injectable liquid silicone [letter] Aronsohn RB. **Arch Otolaryngol** 1985 Jan;111(1):70

The chemistry of silicone materials for biomedical devices and contact lenses. Whitford MJ. **Biomaterials** 1984 Sep; 5(5):298-300

Silicone contact lenses: a personal 13-year perspective. Blackhurst RT. **CLAO J** 1985 Jan-Mar;11(1):57-61

Aspheric silicone lenses for keratoconus. Lembach RG, et al. **CLAO J** 1984 Oct-Dec;10(4):323-5

Arthroplasty of the thumb basal joints. Swanson AB, et al. **Clin Orthop** 1985 May;(195):151-60

The fluid silicone prosthesis. Balkin SW. **Clin Podiatry** 1984 Apr;1(1):145-64

Thrombogenicity of central venous catheters: prospective study of polyethylene, silicone and polyurethane catheters with phlebography or post-mortem examination. Pottecher T, et al. **Eur J Anaesthesiol** 1984 Dec;1(4):361-5

Biobrane--a useful adjunct in the therapy of outpatient burns. Klein RL, et al. **J Pediatr Surg** 1984 Dec;19(6):846-7

Clinical evaluation of polyvinylsiloxane for complete denture impressions. Appelbaum EM, et al. **J Prosthet Dent** 1984 Oct;52(4):537-9

Silicone arthroplasty in the carpus [editorial] **Lancet** 1985 Aug 17;2(8451):368

Pollution of insulin with silicone oil, a hazard of disposable plastic syringes [letter] Chantelau EA, et al. **Lancet** 1985 Jun 22;1(8443):1459

Silicone oil as oxygen carrier in dialyzate during hemodialysis and extracorporeal oxygenation of rabbits. Zborowski M, et al. **Life Support Syst** 1984 Oct-Dec;2(4):287-9

Mycobacterium avium infection in a silicone-injected breast. Perry RR, et al. **Plast Reconstr Surg** 1985 Jan;75(1):104-6

Calf augmentation: a new calf prosthesis. von Szalay L. **Plast Reconstr Surg** 1985 Jan;75(1):83-7

[Clinical application of silicone sponge as a postenucleation orbital cushion for ocular prosthesis] Wang DR. **Chung Hua Yen Ko Tsa Chih** 1984 Jan;20(1):51-2 (Chi)

[Elimination of implants as complications of surgery of retinal detachments] Karel I, et al. **Cesk Oftalmol** 1985 Mar; 41(2):95-100 (Eng. Abstr.) (Cze)

[Flexible silicone hepatic casts] Kumon M, et al. **Ann Chir** 1985 Apr;39(3):221-3 (Eng. Abstr.) (Fre)

[Y-shaped silicone tube intubation with balloon in dacryocystorhinostomy] Ruprecht KW. **Klin Monatsbl Augenheilkd** 1985 Feb;186(2):136-8 (Eng. Abstr.) (Ger)

[Complications of operations for retinal detachment using rubber and silicone sponge implants] Iwaszkiewicz E, et al. **Klin Oczna** 1984 Dec;86(12):555-6 (Eng. Abstr.) (Pol)

[Experimental cerclage of the rabbit eye during its growth period] Kałużny J, et al. **Klin Oczna** 1985 Feb;87(2):49-51 (Eng. Abstr.) (Pol)

[Scleral buckling using silicone sponge in children and adolescents] Koraszewska-Matuszewska B, et al. **Klin Oczna** 1984 Jul;86(7):317-9 (Eng. Abstr.) (Pol)

[Factors causing intolerance to silicone implants] Myszka-Maćkowiakowa A, et al. **Klin Oczna** 1985 Feb; 87(2):59-60 (Eng. Abstr.) (Pol)

[Complications of intra- and extrascleral silicone implants] Stankiewicz A, et al. **Klin Oczna** 1984 Dec;86(12):553-4 (Eng. Abstr.) (Pol)

[Cerclage with a silicone band as the method of choice in the treatment of severe forms of retinal detachment] Zygulska-Machowa H, et al. **Klin Oczna** 1985 Feb; 87(2):73-5 (Eng. Abstr.) (Pol)

ADMINISTRATION & DOSAGE

Temporary silicone oil tamponade in the management of retinal detachment with proliferative vitreoretinopathy. Gonvers M. **Am J Ophthalmol** 1985 Aug 15;100(2):239-45

Combined vitrectomy, intraocular microsurgery and liquid silicone in the treatment of proliferative vitreoretinopathy. Cairns JD, et al. **Aust J Ophthalmol** 1984 May;12(2):133-8

Histological assessment of skin damage by irritants: its possible use in the evaluation of a 'barrier cream'. Mahmoud G, et al. **Contact Dermatitis** 1984 Sep; 11(3):179-85

Substances for soft tissue augmentation: collagen and silicone. Klein AW, et al. **J Dermatol Surg Oncol** 1985 Mar; 11(3):337-9

[Use of silicone oil for temporary tamponade in the treatment of retinal detachment with vitreoretinal retraction. 1. Short- and long-term anatomic and functional results in 110 cases] Barthelemy F, et al. **J Fr Ophtalmol** 1984; 7(4):273-7 (Eng. Abstr.) (Fre)

[Retinal detachment: temporary internal tamponade with silicone oil after vitrectomy. Anatomic and functional results] Ruellan YM, et al. **J Fr Ophtalmol** 1985;8(2):117-24 (Eng. Abstr.) (Fre)

[Premedication for sonography. Enzyme-paractol in comparison with a placebo] Heyder N, et al. **Fortschr Med** 1984 Sep 13;102(34):850-2 (Eng. Abstr.) (Ger)

[Echographic findings following intravitreous silicone injections] Clemens S, et al. **Klin Monatsbl Augenheilkd** 1984 Jul;185(1):17-21 (Eng. Abstr.) (Ger)

[Silicone oil injection in the treatment of complicated retinal detachments] Heimann K, et al. **Klin Monatsbl Augenheilkd** 1984 Dec;185(6):505-8 (Eng. Abstr.) (Ger)

[A new instrument for the injection of silicone oil into the vitreous body] Spitznas M. **Klin Monatsbl Augenheilkd** 1984 Aug;185(2):142 (Eng. Abstr.) (Ger)

[Results of silicone oil injections in various stages of proliferative vitreoretinopathy] Tavakolian U, et al. **Klin Monatsbl Augenheilkd** 1985 Apr;186(4):268-71 (Eng. Abstr.) (Ger)

[Subcutaneous implantation of gestagens. A new alternative for safe contraception] Odlind V, et al. **Lakartidningen** 1984 Sep 26;81(39):3494-6 (Swe)

ADVERSE EFFECTS

Intraocular hypertension resulting from pupillary block by silicone oil. Ando F. **Am J Ophthalmol** 1985 Jan 15; 99(1):87-8

Relation of free silicone to human breast carcinoma. Morgenstern L, et al. **Arch Surg** 1985 May;120(5):573-7

Catheter-induced urethritis: a comparison between latex and silicone catheters in a prospective clinical trial. Nacey JN, et al. **Br J Urol** 1985 Jun;57(3):325-8

Silicone granulomas: report of three cases and review of the literature. Travis WD, et al. **Hum Pathol** 1985 Jan; 16(1):19-27

Stone formation as a complication of indwelling ureteral stents: a report of 5 cases. Spirnak JP, et al. **J Urol** 1985 Aug;134(2):349-51

Complications of silicone implant [letter] Schned AR, et al. **JAMA** 1985 Feb 1;253(5):635

Insulin syringes and silicone oil [letter] Collier FC, et al. **Lancet** 1985 Sep 14;2(8455):611

Hypercalcemia associated with silicone-induced granulomas. Kozeny GA, et al. **N Engl J Med** 1984 Oct 25; 311(17):1103-5

Silicone-induced foreign body reaction and lymphadenopathy after temporomandibular joint arthroplasty. Dolwick MF, et al. **Oral Surg Oral Med Oral Pathol** 1985 May;59(5):449-52

Obscure carcinoma encountered in subcutaneous mastectomy in silicone- and paraffin-injected breasts: two patients. Pennisi VR. **Plast Reconstr Surg** 1984 Oct;74(4):535-8

Use of suction to treat soft tissue injected with liquid silicone. Zandi I. **Plast Reconstr Surg** 1985 Aug;76(2):307-9

Reduction of silicone particle release during haemodialysis. Bommer J, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:287-90

Postoperative retinal breaks occurring after intravitreal silicone oil injection. Glaser BM, et al. **Retina** 1984 Fall-Winter;4(4):246-8

[Acute respiratory distress syndrome: an unusual complication of intraocular silicone] Chauvaud D, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):569-72 (Fre)

[Problems posed by secondary detachment of the posterior hyaloid after vitrectomy and by its secondary retraction following injection of intraocular silicone] Limon S, et al. **Bull Soc Ophtalmol Fr** 1984 Feb;84(2):147-9 (Fre)

[Use of silicone oil for temporary tamponade in the treatment of retinal detachment with vitreoretinal retraction. 2. Aspects, prevention and treatment of complications] Chauvaud D, et al. **J Fr Ophtalmol** 1984;7(4):279-84 (Eng. Abstr.) (Fre)

[Lens opacities following intravitreous silicone injection] Kroll P, et al. **Fortschr Ophthalmol** 1985;82(3):235-6 (Eng. Abstr.) (Ger)

[Corneal endothelial findings following silicone oil implantation--initial experiences] Olbert D, et al. **Fortschr Ophthalmol** 1985;82(3):283-4 (Eng. Abstr.) (Ger)

[Clinical study of systemic and local reactions to the improper use of liquid silicone and/or mineral oil] Gemperli R, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jul-Aug; 39(4):158-62 (Eng. Abstr.) (Por)

ANALYSIS

Adsorption and desorption of polydimethylsiloxane, PCBs, cadmium nitrate, copper sulfate, nickel sulfate and zinc nitrate by river surface sediments. Watanabe N, et al. **Sci Total Environ** 1985 Feb;41(2):153-61

[Studies on the late complications after injection and identification of unknown artificial injected materials] Horiuchi A. **Nippon Hoigaku Zasshi** 1984 Apr;38(2):224-36 (Eng. Abstr.) (Jpn)

[Detection by analysis of dispersion of x-ray energy of silicone particles in the liver of a patient in a dialysis program] Estruch R, et al. **Med Clin (Barc)** 1985 Jun 1; 85(1):25-7 (Eng. Abstr.) (Spa)

DIAGNOSTIC USE

Diagnosis of gastric angiodysplasia by silicone rubber injection technique [letter] Quintero E, et al. **Hum Pathol** 1984 Oct;15(10):1003-4

[Use of organosilicone foam retardants in endoscopic and roentgenological studies] Vainshtein SG, et al. **Sov Med** 1985;(3):122 (Rus)

METABOLISM

Bioconcentration potential of polydimethylsiloxane (PDMS) fluids by fish. Watanabe N, et al. **Sci Total Environ** 1984 Sep;38:167-72

PHARMACODYNAMICS

Silicone oil and its influence on electrophysiologic findings. Foerster MH, et al. **Am J Ophthalmol** 1985 Feb 15; 99(2):201-6

The effect of silicone oil on the cornea. Sternberg P Jr, et al. **Arch Ophthalmol** 1985 Jan;103(1):90-4

Posterior collagenous layer [letter] Waring GO 3d. **Arch Ophthalmol** 1985 Sep;103(9):1278

Electroretinographic studies following vitrectomy and intraocular silicone oil injection. Meredith TA, et al. **Br J Ophthalmol** 1985 Apr;69(4):254-60

Effect of a simethicone-containing tablet on colonic gas elimination in breath. Lifschitz CH, et al. **Dig Dis Sci** 1985 May;30(5):426-30

RADIATION EFFECTS

[Graft polymerization onto poly(methylvinylsiloxane)-bonded silica gel by gamma-ray irradiation] Yamakita H, et al. **Radioisotopes** 1984 Aug; 33(8):513-8 (Eng. Abstr.) (Jpn)

THERAPEUTIC USE

Treatment of infantile colic with surface active substance (simethicone). Danielsson B, et al. **Acta Paediatr Scand** 1985 May;74(3):446-50

Proliferative vitreoretinopathy. The Silicone Study Group [editorial] **Am J Ophthalmol** 1985 May 15;99(5):593-5

Organ ablation by fluid emboli. An experimental study comparing two solidifying liquids. Barth KH, et al **Invest Radiol** 1984 Nov-Dec;19(6):517-22

Comparative study of cimetidine and Mylanta II in the 6-week treatment of gastric ulcer. Sherbaniuk RW, et al. **J Clin Gastroenterol** 1985 Jun;7(3):211-5 cAMP levels in reactive tissues around dimethylpolysiloxane solid implants. Faga A, et al. **Plast Reconstr Surg** 1985 Oct; 76(4):570–3

Comparative study of four antacids. Jacyna MR, et al. **Postgrad Med J** 1984 Sep;60(707):592–6

[Clinical laboratory studies before and after liver resection using antimicrobial polycaproamide mesh and sutures made in Bulgaria in an experiment] Penchev R, et al. **Khirurgiia (Sofiia)** 1984;37(5):338–44 (Eng. Abstr.) **(Bul)**

[Acute phosgene poisoning: therapeutic effect of 156 cases] Zhu J. **Chung Hua Nei Ko Tsa Chih** 1985 Apr;24(4):224–6, 255 (Eng. Abstr.) **(Chi)**

[Cataract after vitrectomy through the pars plana and silicone oil injection] De Molfetta V, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:164–6 **(Fre)**

TOXICITY

Long term complications caused by injected silicone gel and paraffin oil. Kubota J, et al. **Keio J Med** 1984 Sep; 33(3):127–36

SILICOSIS

Black lung and silicosis. Krokosky NJ. **Am J Nurs** 1985 Aug; 85(8):883–6

BLOOD

[Biochemical characteristics of an inflammatory destructive process in the lungs in dust-induced bronchitis] Shatskaia NN, et al. **Gig Tr Prof Zabol** 1984 Dec;(12):18–21 **(Rus)**

COMPLICATIONS

Asymmetric rapidly progressive lung fibrosis: a cause of pseudotumour in asbestosis. Cookson WO, et al. **Br J Ind Med** 1985 May;42(5):350–3

Lung cancer complicated by silicosis: a clinical and histopathological study. Tashiro T, et al. **Jpn J Med** 1985 Feb;24(1):3–7

Clinical and pathological aspects of lung cancer associated with asbestosis and other pneumoconiosis. Yokoyama K, et al. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:75–82

[Prevalence of silicosis complicated by pulmonary tuberculosis and the results of prevention and control] Lou JZ. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Oct;7(5):277–80 (Eng. Abstr.) **(Chi)**

[Antimicrobial protection of the respiratory tract in advanced silicosis complicated by chronic obstructive bronchopneumopathy] Szabó S, et al. **Rev Ig [Pneumoftiziol]** 1984 Oct–Dec;33(4):371–8 (Eng. Abstr.) **(Rum)**

[The course of intrathoracic adenopathy in silicosis and silicotuberculosis] Tambovtseva ID. **Gig Tr Prof Zabol** 1984 Aug;(8):20–4 (Eng. Abstr.) **(Rus)**

[Vegetative and psychoemotional disorders in occupational dust-induced pathology] Vasil'eva TF. **Gig Tr Prof Zabol** 1984 Aug;(8):50–2 **(Rus)**

DIAGNOSIS

Changes in clinical status and lung functions of patients with chronic respiratory diseases over 10 years. Mándi A, et al. **Respiration** 1984;46(2):151–9

Symptoms and clinical findings in patients with silicosis. Koskinen H. **Scand J Work Environ Health** 1985 Apr; 11(2):101–6

[Clinico-morphological manifestations of silicosis in miners in complex-ore mines] Abdrashitova GA, et al. **Gig Tr Prof Zabol** 1985 Jan;(1):14–7 (Eng. Abstr.) **(Rus)**

[Development of a complex of informative indicators of respiratory function for the screening, diagnosis and prognosis of dust-induced pulmonary pathology] Prosina II. **Gig Tr Prof Zabol** 1984 Dec;(12):7–10 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

[Polyvinylpyridine N-oxide (Bay 3504, P-204, PVNO) in the treatment of human silicosis] Prügger F, et al. **Wien Klin Wochenschr** 1984 Dec 7;96(23):848–53 (Eng. Abstr.) **(Ger)**

ENZYMOLOGY

Measurements of enzymes of collagen synthesis in rats with experimental silicosis. Poole A. **Br J Exp Pathol** 1985 Feb; 66(1):89–94

Serum angiotensin converting enzyme (ACE) in silicosis. Bucca C, et al. **Eur J Respir Dis** 1984 Oct;65(7):477–80

Serum lysozyme concentration in silicosis patients and workers exposed to silica dust. Koskinen H, et al. **Eur J Respir Dis** 1984 Oct;65(7):481–5

[Histoenzymatic changes in the lungs of albino rats after exposure to sandy shale dust] Iulish NR, et al. **Gig Tr Prof Zabol** 1984 Dec;(12):21–4 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Correlation between cytotoxicity and fibrogenicity of silicosis-inducing dusts. Katsnelson BA, et al. **Med Lav** 1984 Nov–Dec;75(6):450–62

[A study of the relation between energy transduction ATPase of mitochondrial membranes and experimental silicosis] Yin LY. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Jun;7(3):149–50, 191 (Eng. Abstr.) **(Chi)**

IMMUNOLOGY

Immunological effect of silica dust analyzed by monoclonal antibodies. Youinou P, et al. **J Clin Lab Immunol** 1985 Apr; 16(4):207–10

[Immune response to tuberculin in patients with silicosis and silicotuberculosis] Alekseeva OG, et al. **Gig Tr Prof Zabol** 1984 Dec;(12):13–7 (Eng. Abstr.) **(Rus)**

[Study of morphofunctional characteristics of monocytes for evaluation of the changes in the mononuclear phagocyte system in silicosis] Rendel' EI. **Gig Tr Prof Zabol** 1984 Dec;(12):24–7 (Eng. Abstr.) **(Rus)**

[The state and relation between various indicators of the body's natural resistance in patients with silicosis and silicotuberculosis] Savvaitova NI, et al. **Gig Tr Prof Zabol** 1984 Aug;(8):49–50 **(Rus)**

METABOLISM

Kinetics of inflammatory and fibrotic pulmonary changes in a murine model of silicosis. Callis AH, et al. **J Lab Clin Med** 1985 May;105(5):547–53

[Effect of synthetic regulators of radical reactions on the course of experimental silicosis] Ivanova AS, et al. **Vopr Med Khim** 1984 Sep–Oct;30(5):22–5 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

[Occurrence of Mycobacterium shimoidei in West Germany] Rüsch-Gerdes S, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Feb; 259(1):146–50 (Eng. Abstr.) **(Ger)**

MORTALITY

[Bronchial cancer in anthracosilicosis and silicosis. Study of workers in coal fields in Wallonia] Vande Weyer R, et al. **Rev Mal Respir** 1984;1(6):351–5 (Eng. Abstr.) **(Fre)**

OCCURRENCE

Silicosis in stone-cutters in Kashmir. Saini RK, et al. **J Indian Med Assoc** 1984 Jun;82(6):198–201

Silicosis in women. Experience from the Swedish Pneumoconiosis Register. Gerhardsson L, et al. **J Occup Med** 1985 May;27(5):347–50

[Prevalence of silicosis and the effect of control measures in a lead mine] Lou JZ. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Oct;7(5):281–4 (Eng. Abstr.) **(Chi)**

[Pneumoconiosis in Chile] Prenafeta J. **Rev Med Chil** 1984 May;112(5):511–5 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Role of polymorphonuclear leukocytes in silica-induced pulmonary fibrosis. Adamson IY, et al. **Am J Pathol** 1984 Oct;117(1):37–43

Morphometric and elemental microanalytical studies of human lung in health and disease. Siegesmund KA, et al. **Br J Ind Med** 1985 Jan;42(1):36–42

Silicotic lesions of the bone marrow: histopathology and microanalysis. Eide J, et al. **Histopathology** 1984 Jul; 8(4):693–703

Raman microspectroscopy in human pathology. de Mul FF, et al. **Hum Pathol** 1984 Nov;15(11):1062–8

Extrapulmonary silicosis: a clinical, morphologic, and ultrastructural study. Slavin RE, et al. **Hum Pathol** 1985 Apr;16(4):393–412

The role of cell injury and the continuing inflammatory response in the generation of silicotic pulmonary fibrosis. Bowden DH, et al. **J Pathol** 1984 Nov;144(3):149–61

PHYSIOPATHOLOGY

[Role of tobacco smoking in the determination of CO diffusion impairment in silicotic patients] Paggiaro PL, et al. **Rev Mal Respir** 1984;1(5):309–12 (Eng. Abstr.) **(Fre)**

[Interpretation of pneumoconiosis--results of cardiopulmonary function tests in dust-exposed patients with and without silicosis] Bürkmann I, et al. **Z Erkr Atmungsorgane** 1985;164(2):162–72 (Eng. Abstr.) **(Ger)**

[Correlation between average pulmonary artery pressure under rest and stress conditions in relation to the stage of silicosis] Krause M, et al. **Z Erkr Atmungsorgane** 1985; 164(3):288–91 (Eng. Abstr.) **(Ger)**

PREVENTION & CONTROL

[Stabilizing action of glutamic acid on the membrane structures of the coniophage] Shnaidman IM, et al. **Gig Tr Prof Zabol** 1985 Mar;(3):55–7 **(Rus)**

RADIOGRAPHY

The use of lay readers of chest roentgenograms in industrial screening programs. Hessel PA, et al. **J Occup Med** 1985 Jan;27(1):43–50

[X-ray analysis of 33 cases of acute silicosis] Chen KZ. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Dec;7(6):333–5, 382 (Eng. Abstr.) **(Chi)**

[Cutters and drillers: 2 different coal pneumoconioses?] Del Campo JM, et al. **Rev Mal Respir** 1984;1(5):305–7 (Eng. Abstr.) **(Fre)**

[Correlation of roentgen picture and lung function testing within the scope of silicosis evaluation] Otto H, et al. **Radiologe** 1985 Jan;25(1):2–8 (Eng. Abstr.) **(Ger)**

REHABILITATION

[Rehabilitation of the worker with bronchopneumopathy] Donner CF, et al. **G Ital Med Lav** 1984 Jan–Mar; 6(1–2):51–9 (Eng. Abstr.) **(Ita)**

SILICOTUBERCULOSIS

COMPLICATIONS

[The course of intrathoracic adenopathy in silicosis and silicotuberculosis] Tambovtseva ID. **Gig Tr Prof Zabol** 1984 Aug;(8):20–4 (Eng. Abstr.) **(Rus)**

[Clinical features of newly diagnoses siderosilicotuberculosis among miners] Afonin AP. **Probl Tuberk** 1984 Nov; (11):28–31 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

[The present status of pneumoconiosis in Japan and the results of chemotherapy of silico-tuberculosis] Chiyotani K, et al. **Kekkaku** 1984 Nov;59(11):589–603 (Eng. Abstr.) **(Jpn)**

[Clinico-biochemical indices of silicotuberculosis patients undergoing treatment with antibacterial preparations combined with immunodepressants] Fadina OV, et al. **Probl Tuberk** 1985;(4):22–6 (Eng. Abstr.) **(Rus)**

[Various aspects of antibacterial therapy of patients with coniotuberculosis] Fomicheva NI, et al. **Probl Tuberk** 1985; (3):63–5 **(Rus)**

[Methyluracil in the combined treatment of coniotuberculosis patients] Savenkov DI, et al. **Vrach Delo** 1984 Nov; (11):101–4 (Eng. Abstr.) **(Rus)**

[Evaluation of the treatment of silicotuberculosis] Corradini A, et al. **Rev Med Chil** 1984 Dec;112(12):1271–8 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

[Immune response to tuberculin in patients with silicosis and silicotuberculosis] Alekseeva OG, et al. **Gig Tr Prof Zabol** 1984 Dec;(12):13–7 (Eng. Abstr.) **(Rus)**

[The state and relation between various indicators of the body's natural resistance in patients with silicosis and silicotuberculosis] Savvaitova NI, et al. **Gig Tr Prof Zabol** 1984 Aug;(8):49–50 **(Rus)**

[Changes in the immunity indicators in patients with silicotuberculosis] Varzina NV, et al. **Probl Tuberk** 1984 Sep;(9):46–9 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

[Use of irritating inhalations for the detection of bacteria in patients with silicotuberculosis] Savvaitova NI, et al. **Probl Tuberk** 1985;(1):57–9 (Eng. Abstr.) **(Rus)**

OCCURRENCE

[Spread and course of siderosilicotuberculosis] Afonin AP, et al. **Vrach Delo** 1984 Nov;(11):116–7 **(Rus)**

PREVENTION & CONTROL

[Electroroentgenography in the supplementary examination of patients with coniotuberculosis detected on preventive fluorography] Sokolik LI, et al. **Probl Tuberk** 1984 Nov; (11):31–3 (Eng. Abstr.) **(Rus)**

SURGERY

[Effectiveness of the surgical treatment of tuberculosis of the respiratory organs and restoration of work capacity in workers in jobs with risk of pneumoconiosis] Matuzkova LI, et al. **Probl Tuberk** 1984 Jul;(7):44–7 (Eng. Abstr.) **(Rus)**

THERAPY

[Activities of a coniotuberculosis center] Gol'del'man AG, et al. **Gig Tr Prof Zabol** 1984 Dec;(12):44–5 (Eng. Abstr.) **(Rus)**

SILKWORMS

Prevalence of occupational asthma in silk filatures. Harindranath N, et al. **Ann Allergy** 1985 Sep;55(3):511–5

ANALYSIS

Isolation and partial characterization of U1–U6 small RNAs from Bombyx mori. Adams DS, et al. **Biochemistry** 1985 Jan 1;24(1):117–25

ENZYMOLOGY

Changes in the transaminase activities in the middle and posterior silk-gland tissues of eri-silkworm, Philosamia ricini, in relation to spinning process. Singh SP, et al.

Acta Physiol Hung 1985;66(1):61–4

Purification and characterization of membrane-bound alkaline proteases from midgut tissue of the silkworm, Bombyx mori. Eguchi M, et al. **J Biochem (Tokyo)** 1985 May;97(5):1437–45

Purification and properties of alanyl-tRNA synthetase from Bombyx mori: a monomeric enzyme. Nishio K, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1867–74

Two-domain structure of alanyl-tRNA synthetase from Bombyx mori: isolation of the N-terminal catalytic domain. Nishio K, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1875–81

Domain-structure of large monomeric alanyl-tRNA synthetase from Bombyx mori: evidence of a single catalytic domain. Nishio K, et al. **Nucleic Acids Symp Ser** 1984;(15):135–8

GENETICS

Developmentally regulated genes in silkmoths. Goldsmith MR, et al. **Annu Rev Genet** 1984;18:443–87 (172 ref.)

Genetic variants of protease inhibitors against fungal protease and alpha-chymotrypsin from hemolymph of the silkworm, Bombyx mori. Eguchi M, et al. **Biochem Genet** 1984 Dec;22(11–12):1093–102

Transcription regulation of silk genes. Suzuki Y, et al. **Cell Struct Funct** 1984 Jul;9 Suppl:s1–4

Sequence polymorphisms around the 5'-end of the silkworm fibroin H-chain gene suggesting the occurrence of crossing-over between heteromorphic alleles. Ueda H, et al. **Gene** 1985;34(2–3):351–5

Reduced level of secretion and absence of subunit combination for the fibroin synthesized by a mutant silkworm, Nd(2). Takei F, et al. **J Cell Biol** 1984 Dec;99(6):2005–10

Diversity in a chorion multigene family created by tandem duplications and a putative gene-conversion event. Rodakis GC, et al. **J Mol Evol** 1984;20(3–4):265–73

Production of human alpha-interferon in silkworm using a baculovirus vector. Maeda S, et al. **Nature** 1985 Jun 13–19;315(6020):592–4

Structural organization of the P25 gene of Bombyx mori and comparative analysis of its 5' flanking DNA with that of the fibroin gene. Couble P, et al. **Nucleic Acids Res** 1985 Mar 11;13(5):1801–14

Introns and their flanking sequences of Bombyx mori rDNA. Fujiwara H, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6861–9

Silkmoth chorion gene families contain patchwork patterns of sequence homology. Eickbush TH, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2814–8

Nucleotide sequence of an unusual regionally expressed silkmoth chorion RNA: predicted primary and secondary structures of an architectural protein. Regier JC, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6035–9

METABOLISM

Effect of cadmium-feeding on tissue concentrations of elements in germ-free silkworm (Bombyx mori) larvae and distribution of cadmium in the alimentary canal. Suzuki KT, et al. **Comp Biochem Physiol [C]** 1984;79(2):249–53

Studies on immunological properties of fibroin heavy and light chains. Oyama F, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1689–94

Predominant synthesis of fibroin heavy and light chains on the membrane-bound polysomes prepared from the posterior silk gland of the silkworm, Bombyx mori. Oyama F, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1143–53

DNA synthesis inhibitory peptides in mammalian serum and insect hemolymph. Okai Y. **Mol Biol Rep** 1985 Apr;10(3):123–8

Uptake and metabolism of [3H]ecdysone in cultured ovaries of the silkworm, Bombyx mori. Ogiso M, et al. **Mol Cell Endocrinol** 1984 Nov;38(1):13–9

MICROBIOLOGY

Study on the pathogenecity of Bacillus thuringiensis var. israelensis H-14 strain against silkworm, Bombyx mori under laboratory conditions. Sharma SK, et al. **J Commun Dis** 1985 Mar;17(1):15–21

PHYSIOLOGY

Metabolic reorganization in the silk gland of eri-silkworm, Philosamia ricini, during thermal acclimation. Singh SP, et al. **Arch Int Physiol Biochim** 1984 Aug;92(2):81–4

Cyclic GMP may serve as a second messenger in peptide-induced muscle degeneration in an insect. Schwartz LM, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6718–22

SILO FILLER'S DISEASE see under **LUNG DISEASES**

SILOXANES see under **SILICONES**

SILVER

Porosities in a dental silver-palladium casting alloy. Oilo G, et al. **Acta Odontol Scand** 1985 Mar;43(1):9–13

Sensitive colloidal metal (gold or silver) staining of protein blots on nitrocellulose membranes. Moeremans M, et al. **Anal Biochem** 1985 Mar;145(2):315–21

The basis for colored silver-protein complex formation in stained polyacrylamide gels. Nielsen BL, et al. **Anal Biochem** 1984 Sep;141(2):311–5

Quantitation of protein and DNA in silver-stained agarose gels. Peats S. **Anal Biochem** 1984 Jul;140(1):178–82

Silver staining for selective detection of histones in polyacrylamide gels. Tsutsui K, et al. **Anal Biochem** 1985 Apr;146(1):111–7

Two-dimensional electrophoresis and 'ultrasensitive' silver staining of cerebrospinal fluid proteins in neurological diseases. Harrington MG, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1933–7

'Ultrasensitive' silver stains: their use exemplified in the study of normal human cerebrospinal fluid proteins separated by two-dimensional electrophoresis. Merril CR, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1938–42

Opposite staining effect of two silver-staining techniques on sister chromatids. Jan KY, et al. **Exp Cell Res** 1985 Jul;159(1):55–62

Simultaneous high resolution localization of Ag-NOR proteins and nucleoproteins in interphasic and mitotic nuclei. Ploton D, et al. **Histochem J** 1984 Aug;16(8):897–906

Increased sensitivity in immunocytochemistry. Effects of double application of antibodies and of silver intensification on immunogold and peroxidase-antiperoxidase staining techniques. Scopsi L, et al. **Histochemistry** 1985;82(4):321–9

Electric silver antisepsis. Marino AA, et al. **IEEE Trans Biomed Eng** 1985 May;32(5):336–7

Evaluation of a Ag-In-Pd casting alloy for preclinical teaching. Bardzinski MA, et al. **J Dent Educ** 1985 Aug;49(8):589–91

Microstructures of duplex (beta + gamma) silver-tin alloys. Abbott JR, et al. **J Dent Res** 1985 May;64(5):860–4

Thermal stress failure of porcelain bonded to a palladium-silver alloy. Walton TR, et al. **J Dent Res** 1985 Mar;64(3):476–80

Visualization of surface structure of catalase crystals by metal decoration. Murakami S, et al. **J Electron Microsc (Tokyo)** 1984;33(4):401–4

Ultrastructural autometallography: a method for silver amplification of catalytic metals. Danscher G, et al. **J Histochem Cytochem** 1985 Jul;33(7):706–10

Silver amplification of mercury sulfide and selenide: a histochemical method for light and electron microscopic localization of mercury in tissue. Danscher G, et al. **J Histochem Cytochem** 1985 Mar;33(3):219–28

Castability of silver-base fixed partial denture alloys. Kaminski RA, et al. **J Prosthet Dent** 1985 Mar;53(3):329–32

Use of silver alloys to oppose lingual bladed denture teeth. Levin B. **J Prosthet Dent** 1984 Oct;52(4):602–4

Re: Multiple fractures of the silver wire strands as a complication of the silicone-silver wire prosthesis [letter] Jonas U. **J Urol** 1985 Apr;133(4):687

Cyanide intoxication among silver-reclaiming workers. Blanc P, et al. **JAMA** 1985 Jan 18;253(3):367–71

Oligoclonal bands in unconcentrated CSF. Silver stain for agarose gels. Rammohan KW. **Neurochem Pathol** 1985 Spring;3(1):15–25

The infrared spectrum and structure of the type I complex of silver and DNA. DiRico DE Jr, et al. **Nucleic Acids Res** 1985 Jan 11;13(1):251–60

Maximum contents of mercury in dental silver amalgams. Jensen SJ. **Scand J Dent Res** 1985 Feb;93(1):84–8

Identification of cells by backscattered electron imaging of silver stained bulk tissues in scanning electron microscopy. Horiguchi T, et al. **Stain Technol** 1984 May;59(3):143–8

Improvement in the specificity of the silver staining technique for AgNOR-associated acidic proteins in paraffin sections. Thiebaut F, et al. **Stain Technol** 1984 May;59(3):181–8

The immunogold-silver staining method. A powerful tool in histopathology. Hacker GW, et al. **Virchows Arch [A]** 1985;406(4):449–61

[Gold-silver technic--a new immunohistochemical method for detecting cell membrane antigens] Lageman A, et al. **Acta Histochem (Jena)** 1985;76(1):113–20 (Eng. Abstr.) **(Ger)**

[Silver-containing zeolite for concentrating carbon monoxide from the air] Zverev IuG, et al. **Gig Sanit** 1984 Sep;(9):53–5 **(Rus)**

ADMINISTRATION & DOSAGE

[Katoxyn spray in the topical therapy of burns of intermediate degree] Donati L, et al. **Minerva Chir** 1984 Sep 15;39(17):1177–81 (Eng. Abstr.) **(Ita)**

ADVERSE EFFECTS

Paresthesia of the mental nerve after overextension with AH26 and gutta-percha: report of case. Barkhordar RA, et al. **J Am Dent Assoc** 1985 Feb;110(2):202–3

Neuropathy caused by silver absorption from arthroplasty cement [letter] Vik H, et al. **Lancet** 1985 Apr 13;1(8433):872

Toxicity of silver amalgam: fact or fiction. Raskin RB. **NY State Dent J** 1984 Nov;50(9):582, 585, 587

ANALYSIS

The reaction zone around experimental amalgam alloy particles of Ag-Cu eutectic composition. Bryant RW. **J Oral Rehabil** 1985 Jan;12(1):27–36

The reaction zone around commercially available amalgam alloy particles of Ag-Cu eutectic composition. Bryant RW. **J Oral Rehabil** 1985 Jan;12(1):37–48

Microprobe analysis of dental amalgam alloy particles of Ag-Cu eutectic composition. Bryant RW. **J Oral Rehabil** 1984 Nov;11(6):571–8

Estimating silver content in used fixer. Gordon MD. **Radiography** 1985 Mar–Apr;51(596):109–11

[Demonstration of silver and lead contamination of oysters (Crassostrea gigas) and mussels (Mytilus edulis) in French coastal waters. Microanalytical study by secondary ion emission] Chassard-Bouchaud C, et al. **C R Acad Sci [III]** 1985;300(1):3–8 (Eng. Abstr.) **(Fre)**

DIAGNOSTIC USE

Colorimetric micromethod for the determination of protein in solutions with silver ions and dithizone. Boratyński J. **Anal Biochem** 1985 Jul;148(1):213–9

Silver staining of meiotic chromosomes in the fungus, Coprinus cinereus. Pukkila PJ, et al. **Chromosoma** 1985;91(2):108–12

Isoelectric focusing followed by silver staining. A suitable method for routine investigation of cerebrospinal fluid proteins. Wikkelsö C, et al. **Eur Neurol** 1984;23(4):306–12

Silver staining of the nucleolar organizer regions (NORs) on Lowicryl and cryo-ultrathin sections. Moreno FJ, et al. **J Histochem Cytochem** 1985 May;33(5):389–99

Distribution of 110Ag-silver nitrate prophylaxis solutions following eyedrop application to the albino rabbit. Lambrecht RM, et. al. **Nucl Med Commun** 1985 Apr;6(4):245–7

Silver-intensified gold and peroxidase as dual ultrastructural immunolabels for pre- and postsynaptic neurotransmitters. van den Pol AN. **Science** 1985 Apr 19;228(4697):332–5

A method for silver impregnation of mammary myoepithelia. Caruolo EV, et al. **Stain Technol** 1985 Sep;60(5):255–60

Silver staining as an indicator of active ribosomal genes. Hubbell HR. **Stain Technol** 1985 Sep;60(5):285–94

Intensifier for Bodian staining of tissue sections and cell cultures. Katz MJ, et al. **Stain Technol** 1985 Mar;60(2):81–7

Some introductory comments on silver staining. LaVelle A. **Stain Technol** 1985 Sep;60(5):271–3

Silver staining in clinical cytogenetics. Martin AO. **Stain Technol** 1985 Sep;60(5):275–84

[The association of satellites of human acrocentric chromosomes and Ag staining of nucleolar organizers] Baliček P, et al. **Cas Lek Cesk** 1984 Dec 28;123(52):1599–603 (Eng. Abstr.) **(Cze)**

METABOLISM

Cytology of argyrophilic carcinoma of the breast. Ravinsky E, et al. **Acta Cytol (Baltimore)** 1985 Jan–Feb;29(1):1–6

Argyrophil cells in the endometrioid carcinoma of the ovary. Ueda G, et al. **Cancer** 1984 Oct 15;54(8):1569–73

Energy dispersive X-ray analysis of tissue gold after silver amplification by physical development. Danscher G, et al. **Histochemistry** 1984;81(3):283–5

[Interaction of chromium and silver in the body (an experimental study)] Kazimov MA. **Gig Tr Prof Zabol** 1985 Jan;(1):31–6 (Eng. Abstr.) **(Rus)**

[Silver: various aspects of its toxicokinetics] Roshchin AV, et al. **Gig Tr Prof Zabol** 1984 Oct;(10):25–8 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Effect of Ag+ on isolated bullfrog gastric mucosa. Rangachari PK, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):G443–9

The effects of dietary L-ascorbic acid on the absorption and utilization of Na75SeO3 of silver-treated rats. Abdel Rahim AG. **Comp Biochem Physiol [C]** 1985;81(1):131–2

Ethanol and silver effects on ion transport across toad skin. Gerencser GA, et al. **Comp Biochem Physiol [C]** 1985;81(2):337–9

Comparative study of effect of acute administration of cadmium and silver on ceruloplasmin and metallothionein: involvement of disposition of copper, iron, and zinc. Sugawara N, et al. **Environ Res** 1984 Dec;35(2):507–15

Silver ions trigger Ca2+ release by acting at the apparent physiological release site in sarcoplasmic reticulum. Salama G, et al. **J Biol Chem** 1984 Nov 10;259(21):13363–9

Specific 3H-DMCM binding to a non-benzodiazepine binding site after silver ion treatment of rat brain membranes. Honoré T, et al. **Life Sci** 1984 Nov 26;35(22):2257–67

TOXICITY

Cytotoxicity of corroded and non-corroded dental silver amalgams. Milleding P, et al. **Scand J Dent Res** 1985 Feb;93(1):76–83

SILVER NITRATE

ADVERSE EFFECTS

A controlled study of silver nitrate prophylaxis and the incidence of nasolacrimal duct obstruction. Hick JF, et al. **J Pediatr Ophthalmol Strabismus** 1985 May–Jun;22(3):92–3

DIAGNOSTIC USE

Distribution of 110Ag-silver nitrate prophylaxis solutions following eyedrop application to the albino rabbit. Lambrecht RM, et al. **Nucl Med Commun** 1985 Apr;6(4):245–7

A silver impregnation technique for normal axons in the human central nervous system for celloidin and epon sections, with substitutes for soft tap water. Starega U. **Stain Technol** 1985 Mar;60(2):103-10

METABOLISM

Demonstration of regional blood-brain barrier permeability in human brain. Landas S, et al. **Neurosci Lett** 1985 Jun 24;57(3):251-6

PHARMACODYNAMICS

Inhibition of adenosine triphosphatase in vitro by silver nitrate and silver sulfadiazine. Nechay BR, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4-5):119-26

[Patterns of the synergistic action of heavy metal salts (Cu, Ag) and drugs] Lebedev VS, et al. **Dokl Akad Nauk SSSR** 1984;279(2):491-4 **(Rus)**

SILVER PROTEINS

DIAGNOSTIC USE

Ultrastructural demonstration of a glycoproteinic surface coat in allergenic pollen grains by combined cetylpyridinium chloride precipitation and silver proteinate staining. Grote M, et al. **Histochemistry** 1984;81(2):171-6

SILVER SULFADIAZINE see under **SULFADIAZINE**

SILYMARIN see under **FLAVONES**

SIMAZINE see under **HERBICIDES, TRIAZINE**

SIMBU GROUP VIRUSES see under **BUNYAVIRIDAE**

SIMETHICONE see under **SILICONES**

SIMIAN SARCOMA VIRUSES see under **RETROVIRIDAE**

SIMIAN VIRUS 40 see **SV40 VIRUS**

SIMMONDS' DISEASE see **HYPOPITUITARISM**

SIMULIIDAE

Simuliosis. Analysis of dermatological manifestations following blackfly (Simuliidae) bites as observed in the years 1981-1983 in Bratislava (Czechoslovakia). Farkaš J. **Derm Beruf Umwelt** 1984;32(5):171-3

Field evaluation of three repellents against mosquitoes, black flies & land leeches. Kumar S, et al. **Indian J Med Res** 1984 Nov;80:541-5

Synthesis and evaluation of the naturally occurring phototoxin, alpha-terthienyl, as a control agent for larvae of Aedes intrudens, Aedes atropalpus (Diptera: Culicidae) and Simulium verecundum (Diptera: Simuliidae). Philogène BJ, et al. **J Econ Entomol** 1985 Feb;78(1):121-6

The response of Vaal River drift and benthos to Simulium (Diptera: Nematocera) control using Bacillus thuringiensis var. israelensis (H-14). Car M, et al. **Onderstepoort J Vet Res** 1984 Sep;51(3):155-60

Laboratory and field trials with two Bacillus thuringiensis var. israelensis products for Simulium(Diptera: Nematocera) control in a small polluted river in South Africa. Car M. **Onderstepoort J Vet Res** 1984 Jun; 51(2):141-4

Blackfly bites, onchocerciasis and leopard skin. Connor DH, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):415-7

[The activity of Bacillus thuringiensis var. israelensis against black fly larvae under field conditions in South Bohemia] Olejniček J, et al. **Vet Med (Praha)** 1985 Jul;30(7):433-41 (Eng. Abstr.) **(Cze)**

[Attacks of black flies (Diptera, Simuliidae) on man in the Udmurt ASSR] Mukanov SM. **Med Parazitol (Mosk)** 1985 May-Jun;(3):87-9 (Eng. Abstr.) **(Rus)**

ANALYSIS

Identification of adults of the Simulium damnosum complex using hydrocarbon analysis. Phillips A, et al. **Trop Med Parasitol** 1985 Jun;36(2):97-101

ANATOMY & HISTOLOGY

[Identification of adults and pupas of the most common species of Panamanian Simuliidae (Diptera: Simuliidae)] Petersen JL, et al. **Rev Med Panama** 1984 Sep;9(3):265-73 (Eng. Abstr.) **(Spa)**

CLASSIFICATION

Morphological identification of simulium sanctipauli and S. yahense in Liberia and comparison of results with those of enzyme electrophoresis. Garms R, et al. **Tropenmed Parasitol** 1984 Dec;35(4):217-20

DRUG EFFECTS

Field trials on the relative efficacy of five repellents against Simulium himalayense (Diptera:Simuliidae). Das SC, et al. **Indian J Med Res** 1985 Apr;81:378-81

MICROBIOLOGY

Studies on the transmission of Venezuelan equine encephalitis virus by Colombian simuliidae (Diptera). Homan EJ, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):799-804

PARASITOLOGY

The gonotrophic cycle of wild Simulium ochraceum and the associated development of Onchocerca volvulus. Porter CH, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):302-9

Modelling the migration of Onchocerca volvulus in simuliids, using a simple compartmental process. Jerwood D, et al. **Biometrics** 1984 Jun;40(2):313-22

Experimental and natural infection of Simulium sanchezi by Mansonella ozzardi in the Middle Orinoco region of Venezuela. Yarzábal L, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):29-33

[Recent findings on the transmission of onchocerciasis in Kinsuka, Kinshasa, Zaire] Henry MC, et al. **Ann Soc Belg Med Trop** 1984 Sep;64(3):267-81 (Eng. Abstr.) **(Fre)**

[Vectors of human onchocerciasis in the neotropical region] Ramírez Pérez J. **Bol Of Sanit Panam** 1985 Feb; 98(2):117-35 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Bionomics of anthropophilic Simuliidae (Diptera) from the Adirondack Mountains of New York State, USA. 1. Adult dispersal and longevity. White DJ, et al. **J Med Entomol** 1985 Mar 22;22(2):190-9

Studies on the biology of Simuliidae (Diptera) at the Santiago onchocerciasis focus in Ecuador, with special reference to the vectors and disease transmission. Shelley AJ, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):328-38

Vertical distribution of flying black-flies (Diptera: Simuliidae) in Central Nigeria. Roberts DM. **Trop Med Parasitol** 1985 Jun;36(2):102-4

Blood meal enhanced onchocerca development and its correlation with fecundity in laboratory reared blackflies (Diptera, Simuliidae). Ham PJ, et al. **Tropenmed Parasitol** 1984 Dec;35(4):212-6

ULTRASTRUCTURE

Peritrophic membrane formation in three temperate simuliids, Simulium ornatum, S. equinum and S. lineatum, with respect to the migration of onchocercal microfilariae. Reid GD, et al. **Ann Trop Med Parasitol** 1984 Oct;78(5):527-39

[B-chromosomes in the spermatogenesis of blood-sucking black flies] Chubareva LA. **Tsitologiia** 1985 Apr; 27(4):363-7 (Eng. Abstr.) **(Rus)**

SIMULIUM see **SIMULIIDAE**

SINCALIDE

ADMINISTRATION & DOSAGE

Intravenous cholecystokinin octapeptide: its effect on the sonographic appearance of the file ducts in normal subjects. Fein AB, et al. **Radiology** 1984 Nov;153(2):499-501

Can gastrointestinal hormones enhance intestinal absorption? Schwartz MZ, et al. **Surgery** 1985 Sep;98(3):430-6

ANALOGS & DERIVATIVES

N-terminal fragments of CCK-(26-33) as cholecystokinin receptor antagonists in guinea pig pancreatic acini. Gardner JD, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G98-102

CCK26-33 degrading activity in brain and nonneural tissue: a metalloendopeptidase. Steardo L, et al. **J Neurochem** 1985 Sep;45(3):784-90

Characterization of cholecystokinin receptor sites in guinea-pig cortical membranes using [125I]Bolton Hunter-cholecystokinin octapeptide. Lin CW, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):775-80

ANALYSIS

Cholecystokinin in the nervous systems of invertebrates and protochordates. Immunohistochemical localization of a cholecystokinin-8-like substance in annelids and insects. Dhainaut-Courtois N, et al. **Ann NY Acad Sci** 1985; 448:167-87

Distinct properties of cholecystokinin-8 and mixed dopamine-cholecystokinin-8 neurons innervating the nucleus accumbens. Studler JM, et al. **Ann NY Acad Sci** 1985;448:306-14

Measurement of cholecystokinin octapeptide using a new specific radioimmunoassay. Adrian TE, et al. **Peptides (Fayetteville)** 1985 Jan-Feb;6(1):11-6

ANTAGONISTS & INHIBITORS

Capsaicin pretreatment attenuates suppression of food intake by cholecystokinin. Ritter RC, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):R501-4

BLOOD

Marked prolongation in disappearance half-time of plasma cholecystokinin-octapeptide in patients with hepatic cirrhosis. Kanayama S, et al. **Am J Gastroenterol** 1985 Jul; 80(7):557-60

DIAGNOSTIC USE

The role of sincalide cholescintigraphy in the evaluation of patients with acalculus gallbladder disease. Pickleman J, et al. **Arch Surg** 1985 Jun;120(6):693-7

Practical hepatobiliary imaging using pretreatment with sincalide in 139 hepatobiliary studies. Patterson FK, et al. **Clin Nucl Med** 1985 May;10(5):333-5

Characterization of central cholecystokinin receptors using a radioiodinated octapeptide probe. Wennogle LP, et al. **Life Sci** 1985 Apr 15;36(15):1485-92

IMMUNOLOGY

Cholecystokinin octapeptide-like immunoreactive material in neurons of the intralaminar nuclei of the cat's thalamus. Wahle P, et al. **Brain Res** 1985 Feb 18;327(1-2):348-53

ISOLATION & PURIFICATION

Isolation and characterization of biologically active and inactive cholecystokinin-octapeptides from human brain. Reeve JR Jr, et al. **Peptides (Fayetteville)** 1984 Sep-Oct; 5(5):959-66

METABOLISM

Dystrophic axons in the nucleus gracilis of the normal rat containing cholecystokinin-like immunoreactivity. Light- and electron-microscopic observations. Matsuda T, et al. **Acta Neuropathol (Berl)** 1985;65(3-4):224-34

Enzymatic degradation of cholecystokinin in the central nervous system. Deschodt-Lanckman M. **Ann NY Acad Sci** 1985;448:87-98

In vivo sulfation of cholecystokinin octapeptide. Possible interactions of the two forms of cholecystokinin with dopamine in the brain. Penke B, et al. **Ann NY Acad Sci** 1985;448:293-305

Studies on the conformation, enzymatic degradation, pharmacological potency, and binding properties in brain tissue of cholecystokinin-8 and new related peptides. Roques BP, et al. **Ann NY Acad Sci** 1985;448:61-75 (60 ref.)

The binding characteristics of 125I-gastrin and 125I-CCK8 to guinea pig fundic gastric glands differ: is there more than one binding site for peptides of the CCK-gastrin family? Praissman M, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):641-7

An HPLC/push-pull perfusion technique for investigating peptide metabolism. Singh AV, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):37-42

Cholecystokinin-octapeptide fragments: binding to brain cholecystokinin receptors. Knight M, et al. **Eur J Pharmacol** 1984 Oct 1;105(1-2):49-55

Development of antral gastrin-like immunoreactivity and pituitary CCK8/gastrin-like immunoreactivity in rats. Okahata H, et al. **Experientia** 1985 Jul 15;41(7):938-40

Endopeptidase-24.11 and aminopeptidase activity in brain synaptic membranes are jointly responsible for the hydrolysis of cholecystokinin octapeptide (CCK-8). Matsas R, et al. **FEBS Lett** 1984 Sep 17;175(1):124-8

Fine structural studies of cholecystokinin-8-like immunoreactive neurons and axon terminals in the nucleus of tractus solitarius of the rat. Takagi H, et al. **J Comp Neurol** 1984 Aug 10;227(3):369-79

Hydrolysis of the C-terminal octapeptide of cholecystokinin by rat kidney membranes: characterization of the cleavage by solubilized endopeptidase-24.11. Najdovski T, et al. **Life Sci** 1985 Sep 2;37(9):827-34

Cholecystokinin-immunoreactive innervation of the ventromedial hypothalamus in the rat: possible substrate for autonomic regulation of feeding. Fulwiler CE, et al. **Neurosci Lett** 1985 Feb 4;53(3):289-96

Cholecystokinin-like immunoreactivity in cat extra-adrenal paraganglia. Kummer W, et al. **Neurosci Lett** 1985 Apr 9;55(2):207-10

Products of cholecystokinin (CCK)-octapeptide proteolysis interact with central CCK receptors. Steardo L, et al. **Neurosci Lett** 1985 Mar 15;54(2-3):319-25

Distribution, ontogeny and projections of cholecystokinin-8, vasoactive intestinal polypeptide and gamma-aminobutyrate-containing neuron systems in the rat spinal cord: an immunohistochemical analysis. Fuji K, et al. **Neuroscience** 1985 Mar;14(3):881-94

Immunohistochemical studies of substance P, cholecystokinin-octapeptide and somatostatin in dorsal root ganglia of the rat. Tuchscherer MM, et al. **Neuroscience** 1985 Feb;14(2):593-605

Assessment of the role of 'enkephalinase' in cholecystokinin inactivation. Zuzel KA, et al. **Neuroscience** 1985 May; 15(1):149-58

Decreased pancreatic CCK receptor binding and CCK-stimulated amylase release in Zucker obese rats. McLaughlin CL, et al. **Physiol Behav** 1984 Jun;32(6):961-5

PHARMACODYNAMICS

Effect of cholecystokinin octapeptide on ethanol intake in the rat. Kulkosky PJ. **Alcohol** 1984 Mar-Apr;1(2):125-8

Sulphated cholecystokinin octapeptide inhibits ethanol consumption in the rat. Kulkosky PJ, et al. **Alcohol** 1984 Sep-Oct;1(5):409-12

Influence of pH change on redox state and CCK-induced secretion in isolated perfused rat pancreas. Asada N, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C235-40

Calcium-dependent secretory and redox response to CCK-8 in isolated perfused rat pancreas. Shibuya I, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C228-34

Alterations in motor function of the small intestine from intravenous and intraluminal cholecystokinin. Sninsky CA, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G724-8

Cholecystokinin potently releases somatostatin from canine fundic mucosal cells in short-term culture. Soll AH, et al. **Am J Physiol** 1985 May;248(5 Pt 1):G569-73

Induction in vitro of a specific pattern of jejunal propulsive behavior by cholecystokinin. Weems WA, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):G470-8

Evidence for cholecystokinin-dopamine receptor interactions in the central nervous system of the adult and old rat. Studies on their functional meaning. Agnati LF, et al. **Ann NY Acad Sci** 1985;448:315-33

The effects of cholecystokinin-8 in the nucleus tractus solitarius. Denavit-Saubié M, et al. **Ann NY Acad Sci** 1985; 448:375-84

Cholecystokinin neuron systems and their interactions with the presynaptic features of the dopamine neuron systems. A morphometric and neurochemical analysis involving studies on the action of cholecystokinin-8 and cholecystokinin-58. Fuxe K, et al. **Ann NY Acad Sci** 1985; 448:231-54

Actions of cholecystokinin octapeptide on rat spinal dorsal horn neurons. Willetts J, et al. **Ann NY Acad Sci** 1985; 448:385-402

Ineffectiveness of cholecystokinin in impairing runway performance. Cox JE, et al. **Behav Brain Res** 1984 Oct; 14(1):41-50

The effect of cholecystokinin octapeptide on rat striatal 3H spiperone binding. O'Shaughnessy C, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2675-7

Topographical analysis of nucleus accumbens sites at which cholecystokinin potentiates dopamine-induced hyperlocomotion in the rat. Crawley JN, et al. **Brain Res** 1985 Jun 3;335(2):337-41

Cholecystokinin intracerebroventricularly applied stimulates gastric acid secretion. Ishikawa T, et al. **Brain Res** 1985 Apr 29;333(1):197-9

The effects of cholecystokinin-octapeptide and pentagastrin on electrical and motor activities of canine colonic circular muscle. Huizinga JD, et al. **Can J Physiol Pharmacol** 1984 Dec;62(12):1440-7

Action of cholecystokinin on sphincter of Oddi phasic wave activity in the prairie dog. Muller EL, et al. **Curr Surg** 1985 Mar-Apr;42(2):128-30

Effect of vagal blockade on food- and hormone-stimulated release of pancreatic polypeptide and motilin in dogs. Greenberg GR, et al. **Dig Dis Sci** 1985 Oct;30(10):946-53

Suppressive effects of cholecystokinin and bombesin on growth hormone and prolactin secretion in urethane-anesthetized rats. Karashima T, et al. **Endocrinol Jpn** 1984 Oct;31(5):539-47

Clonidine and yohimbine separate the sedation and the ptosis caused by cholecystokinin octapeptide and ceruletide. Zetler G. **Eur J Pharmacol** 1984 Jul 13;102(2):333-40

Comparative studies on the effects of cholecystokinins, caerulein, bombesin 6-14 nonapeptide, and physalaemin on gastric secretion in the ascidian Styela clava. Thorndyke MC, et al. **Gen Comp Endocrinol** 1984 Aug;55(2):251-9

In vivo and in vitro effects of cholecystokinin octapeptide on the release of prolactin in rats. Matsumura M, et al. **Horm Metab Res** 1985 Jun;17(6):293-7

In vivo and in vitro effects of cholecystokinin octapeptide on the release of growth hormone in rats. Matsumura M, et al. **Horm Metab Res** 1984 Dec;16(12):626-30

Effect of intracellular Ca2+ on insulin-like growth factor II. internalization into pancreatic acini. Roles of insulin and cholecystokinin. Mössner J, et al. **J Biol Chem** 1984 Oct 25;259(20):12350-6

Effects of cholecystokinin octapeptide on pial arteriolar diameter. McCulloch J, et al. **J Cereb Blood Flow Metab** 1984 Dec;4(4):625-8

Activation of enteric nerve pathways in the guinea-pig duodenum by cholecystokinin octapeptide and pentagastrin. Ngu MC. **J Physiol (Lond)** 1985 Jul;364:31-43

Effects of cholecystokinin octapeptide on thermoregulatory responses and hypothalamic neuronal activity in the rat. Shian LR, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Feb;328(4):363-7

Cataleptogenic and anticataleptic activity produced by cholecystokinin octapeptides in mice. Kádár T, et al. **Neuropeptides** 1985 Jun;6(3):259-68

Inhibition of haloperidol-induced catalepsy by cholecystokinin octapeptides after central administration to rats. Kádár T, et al. **Neuropharmacology** 1985 Jun; 24(6):577-80

Inhibition of seizures induced by picrotoxin and electroshock by cholecystokinin octapeptides and their fragments in rats after intracerebroventricular administration. Kádár T, et al. **Neuropharmacology** 1984 Aug;23(8):955-61

Effect of cholecystokinin octapeptide and ceruletide on release of acetylcholine from cerebral cortex of the rat in vivo. Magnani M, et al. **Neuropharmacology** 1984 Nov; 23(11):1305-9

Antistereotypic effects of cholecystokinin octapeptide (CCK-8), ceruletide and related peptides on apomorphine-induced gnawing in sensitized mice. Zetler G. **Neuropharmacology** 1985 Mar;24(3):251-9

Microinjections of nanogram amounts of sulfated cholecystokinin octapeptide into the rat nucleus accumbens attenuates brain stimulation reward. Vaccarino FJ, et al. **Neurosci Lett** 1984 Nov 23;52(1-2):61-6

Hypermotility induced by vasoactive intestinal peptide in the rat: its reciprocal action to cholecystokinin octapeptide. Itoh S, et al. **Peptides (Fayetteville)** 1985 Jan-Feb;6(1):53-7

Specificity of nucleus accumbens to activities related to cholecystokinins in rats. Katsuura G, et al. **Peptides (Fayetteville)** 1985 Jan-Feb;6(1):91-6

Ceruletide, ceruletide analogues and cholecystokinin octapeptide (CCK-8): effects on isolated intestinal preparations and gallbladders of guinea pigs and mice. Zetler G. **Peptides (Fayetteville)** 1984 Jul-Aug;5(4):729-36

Changes in brain monoamine levels of rats during cholecystokinin octapeptide-induced suppression of feeding. Kádár T, et al. **Pharmacol Biochem Behav** 1984 Sep;21(3):339-44

Cholecystokinin-octapeptide produces inhibition of lordosis in the female rat. Mendelson SD, et al. **Pharmacol Biochem Behav** 1984 Nov;21(5):755-9

CCK-octapeptide injected into cerebral ventricles of sheep decreases plasma insulin level. Della-Fera MA, et al. **Physiol Behav** 1985 Feb;34(2):283-9

Depression of rat feeding in familiar and novel environment by sulfated and nonsulfated cholecystokinin octapeptide. Kádár T, et al. **Physiol Behav** 1985 Mar;34(3):395-400

Decreased pancreatic CCK receptor binding and CCK-stimulated amylase release in Zucker obese rats. McLaughlin CL, et al. **Physiol Behav** 1984 Jun;32(6):961-5

Influence of vagotomy in domestic fowls on feeding activity, food passage, digestibility and satiety effects of two peptides. Savory CJ, et al. **Physiol Behav** 1984 Dec; 33(6):937-44

Effect of exogenous and endogenous insulin on the secretory response of the pancreas to the octapeptide of cholecystokinin (CCK8) in normal rats. Sofranková A. **Physiol Bohemoslov** 1984;33(5):391-8

PHYSIOLOGY

Is cholecystokinin octapeptide (CCK-8) a candidate for endogenous anti-opioid substrates? Han JS, et al. **Neuropeptides** 1985 Feb;5(4-6):399-402

CCK pathway from supramammillary region to the nucleus anterior ventralis thalami of the young rats. Kiyama H, et al. **Peptides (Fayetteville)** 1984 Sep-Oct;5(5):889-93

SECRETION

Effect of opiates on the release of cholecystokinin from in vitro hypothalamus and frontal cortex of Zucker lean (Fa/-) and obese (fa/fa) rats. Micevych PE, et al. **Brain Res** 1985 Jul 1;337(2):382-5

THERAPEUTIC USE

Clinical and neuroendocrine studies with cholecystokinin peptides. Nair NP, et al. **Ann NY Acad Sci** 1985;448:535-41

Cholecystokinin prophylaxis of parenteral nutrition-induced gallbladder disease. Doty JE, et al. **Ann Surg** 1985 Jan; 201(1):76-80

Cholecystokinin-octapeptide in chronic schizophrenia: a double-blind placebo-controlled study. Nair NP, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):711-4

SINDBIS VIRUS

Effects of lysosomotropic weak bases on infection of BHK-21 cells by Sindbis virus. Cassell S, et al. **J Virol** 1984 Dec;52(3):857-64

ANALYSIS

Sindbis virus proteins nsP1 and nsP2 contain homology to nonstructural proteins from several RNA plant viruses. Ahlquist P, et al. **J Virol** 1985 Feb;53(2):536-42

Detection of immunologically cross-reacting capsid protein of alphaviruses on the surfaces of infected L929 cells. Smith C, et al. **J Virol** 1985 Jan;53(1):198-204

Evidence for a change in capsid morphology during Sindbis virus envelopment. Coombs K, et al. **Virus Res** 1984; 1(4):297-302

DRUG EFFECTS

The effects of inhibitors of glucosidase I on the formation of Sindbis virus. Schlesinger S, et al. **Virus Res** 1985 Mar; 2(2):139-49

GENETICS

Genetic and antigenic variations among geographical isolates of Sindbis virus. Olson K, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):797-810

BHK cells expressing Sindbis virus-induced homologous interference allow the translation of nonstructural genes of superinfecting virus. Adams RH, et al. **J Virol** 1985 May; 54(2):351-7

mRNA activity of a Sindbis virus defective-interfering RNA. Migliaccio G, et al. **J Virol** 1985 Sep;55(3):877-80

Expression of Sindbis virus structural proteins via recombinant vaccinia virus: synthesis, processing, and incorporation into mature Sindbis virions. Rice CM, et al. **J Virol** 1985 Oct;56(1):227-39

Studies of defective interfering RNAs of Sindbis virus with and without tRNAAsp sequences at their 5' termini. Tsiang M, et al. **J Virol** 1985 Apr;53(4):38-44

In vitro synthesis of the gene coding for the glycoprotein E1 of Sindbis virus. Leone A, et al. **Microbiologica** 1985 Apr;8(2):123-30

Primary structural comparison of RNA-dependent polymerases from plant, animal and bacterial viruses. Kamer G, et al. **Nucleic Acids Res** 1984 Sep 25; 12(18):7269-82

Sequence analysis of three Sindbis virus mutants temperature-sensitive in the capsid protein autoprotease. Hahn CS, et al. **Proc Natl Acad Sci USA** 1985 Jul; 82(14):4648-52

Immunisation of cattle with a recombinant togavirus-vaccinia virus strain. Franke CA, et al. **Res Vet Sci** 1985 Jul;39(1):113-5

GROWTH & DEVELOPMENT

The ratio of plasma membrane cholesterol to phospholipid and the inhibition of Sindbis virus maturation by low NaCl medium. Garry RF, et al. **J Gen Virol** 1985 May;66 (Pt 5):1171-7

IMMUNOLOGY

Cross-reactive target antigen in cell-mediated cytolysis of cells infected with a temperature-sensitive mutant of Sindbis virus. Wolcott JA, et al. **J Gen Virol** 1985 May; 66 (Pt 5):1167-70

Alphavirus neurovirulence: monoclonal antibodies discriminating wild-type from neuroadapted Sindbis virus. Stanley J, et al. **J Virol** 1985 Oct;56(1):110-9

ISOLATION & PURIFICATION

Association of a Sindbis-like virus with Ockelbo disease in Sweden. Niklasson B, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1212-7

Sindbis virus isolations from Saudi Arabian mosquitoes. Wills WM, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):63-6

METABOLISM

Hazelhurst-vesicular-stomatitis-virus G and Sindbis-virus E1 glycoproteins undergo similar host-cell-dependent variation in oligosaccharide processing. Davidson SK, et al. **Biochem J** 1985 Jul 1;229(1):47-55

Sindbis virus glycoproteins are abnormally glycosylated in Chinese hamster ovary cells deprived of glucose. Davidson SK, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1457-68

PHYSIOLOGY

Comparative studies of rabies and Sindbis virus replication in human neuroblastoma (SYM-I) cells that can produce interferon. Honda Y, et al. **J Gen Virol** 1984 Oct;65 (Pt 10):1645-53

[Various biological characteristics of Sindbis virus] Pugliese A, et al. **G Batteriol Virol Immunol** 1983 Jul-Dec; 76(7-12):300-6 (Eng. Abstr.) **(Ita)**

SINGLE PERSON

Re: Mortality of widowed vs. married [letter] Brenner JL, et al. **Am J Epidemiol** 1985 Oct;122(4):721-3

Single parent families. Fergusson DM. **Aust Paediatr J** 1984 Aug;20(3):169-70

Health care needs of the children of single mothers in a Perth suburb. Underwood P, et al. **Aust Paediatr J** 1984 Aug; 20(3):203-4

Feminist issues in teenage parenting. Chilman CS. **Child Welfare** 1985 May-Jun;64(3):225-34

Changes in widowhood and divorce and expected durations of marriage. Goldman N. **Demography** 1984 Aug; 21(3):297-307

Out-of-wedlock births, premarital pregnancies and their effect on family formation and dissolution. O'Connell M, et al. **Fam Plann Perspect** 1984 Jul-Aug;16(4):157-62

Continuity and change in the labor force activity of recently widowed women. Morgan LA. **Gerontologist** 1984 Oct; 24(5):530-5

Non-marital pregnancies in New Zealand since the Second World War. Carmichael GA. **J Biosoc Sci** 1985 Apr; 17(2):167-83

Survey of sampling techniques in widowhood research, 1973-1983. Gentry M, et al. **J Gerontol** 1985 Sep; 40(5):641-3

Gingerbread: self-help for one-parent families. Kaufman J. **J R Soc Med** 1985;78 Suppl 8:32-3

Stepfamilies: a concern health education should address. Gray BJ, et al. **J Sch Health** 1984 Sep;54(8):292-4

Parpalaix et al. v. C.E.C.O.S. Right of the widow of a sperm donor to have the sperm of her late husband handed over to her. **Med Law** 1985;4(3):299

[Problems of work activity, social contact and outside interests of persons 60-years-old and older with emphasis on single persons] Vožehová S. **Cesk Zdrav** 1984 Jul; 32(6-7):294-300 (Eng. Abstr.) **(Cze)**

[The work and social activity of persons over 70 years of age living alone in the Eastern Bohemia Region] Truhlářová J, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(5):433-40 (Eng. Abstr.) **(Cze)**

PSYCHOLOGY

Social support in black, low-income, single-parent families: normative and dysfunctional patterns. Lindblad-Goldberg M, et al. **Am J Orthopsychiatry** 1985 Jan;55(1):42–58

The single-parent family and abusive child punishment. Sack WH, et al. **Am J Orthopsychiatry** 1985 Apr;55(2):252–9

A review of the research on conjugal bereavement: impact on health and efficacy of intervention. Windholz MJ, et al. **Compr Psychiatry** 1985 Sep–Oct;26(5):433–47

Contraceptive use, pregnancy and fertility patterns among single American women in their 20s. Tanfer K, et al. **Fam Plann Perspect** 1985 Jan–Feb;17(1):10–9

Artificial insemination of single women [editorial] McGuire M, et al. **Fertil Steril** 1985 Feb;43(2):182–4

Time course of spousal bereavement. Zisook S, et al. **Gen Hosp Psychiatry** 1985 Apr;7(2):95–100

Neighbors' support of older widows who live alone in their own homes. O'Bryant SL. **Gerontologist** 1985 Jun; 25(3):305–10

Hallucinations of widowhood. Olson PR, et al. **J Am Geriatr Soc** 1985 Aug;33(8):543–7

Widowhood, health, and friendship support in later life. Ferraro KF, et al. **J Health Soc Behav** 1984 Sep; 25(3):246–59

[The single mother raising children alone] Trube-Becker E. **Off Gesundheitswes** 1985 Mar;47(3):106–10 **(Ger)**

SINGLE-STRANDED DNA BINDING PROTEINS see **DNA BINDING PROTEINS**

SINOATRIAL BLOCK see under **HEART BLOCK**

SINOATRIAL NODE

Treatment of sinus node reentrant tachycardia with verapamil. Gold RL, et al. **Am Heart J** 1985 May;109(5 Pt 1):1104–8

ANATOMY & HISTOLOGY

Functional and morphological organization of the guinea-pig sinoatrial node compared with the rabbit sinoatrial node. Opthof T, et al. **J Mol Cell Cardiol** 1985 Jun;17(6):549–64

DRUG EFFECTS

Clinical effects of digoxin on sinus node and atrioventricular node function after pharmacologic autonomic blockade. Alboni P, et al. **Am Heart J** 1984 Nov;108(5):1255–61

Sinus arrest and hypotension with combined amiodarone-diltiazem therapy. Lee TH, et al. **Am Heart J** 1985 Jan;109(1):163–4

Electrophysiologic effects of propafenone [letter] Seipel L. **Am Heart J** 1984 Dec;108(6):1587–8

Negative chronotropic and parasympatholytic effects of alinidine on canine sinus node and AV junction. Hageman GR, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):H324–30

Selectivity of alinidine, a bradycardic agent, for SA nodal automaticity versus other cardiac activities in isolated, blood-perfused dog-heart preparations. Kawada M, et al. **Arch Int Pharmacodyn Ther** 1984 Nov;272(1):88–102

Effect of lidocaine on membrane currents in rabbit sino-atrial node cells. Satoh H, et al. **Arch Int Pharmacodyn Ther** 1984 Aug;270(2):241–54

Comparative study of five beta-adrenoceptor blocking agents on sinoatrial conduction time in isolated blood-perfused canine atria. Shimotori M, et al. **Arch Int Pharmacodyn Ther** 1985 Apr;274(2):240–52

Electrophysiological effects of alpha-adrenoceptor antagonists in rabbit sino-atrial node, cardiac Purkinje cells and papillary muscles. Dukes ID, et al. **Br J Pharmacol** 1984 Oct;83(2):419–26

Concentration-dependent enhancement of junctional pacemaker activity by verapamil in man. Schwartz JB, et al. **Circulation** 1985 Mar;71(3):450–7

Lithium causing a serious sinus-node dysfunction at therapeutic doses. Montalescot G, et al. **Clin Cardiol** 1984 Nov;7(11):617–20

A method for evaluating different modes of action of an antiarrhythmic drug in man. The effects of propafenone on sinus nodal functions. Alboni P, et al. **Int J Cardiol** 1985 Mar;7(3):255–65

Anterograde sinuatrial conduction evaluated by sinus node electrogram in atropine blocked retrograde atrial conduction. Padeletti L, et al. **Int J Cardiol** 1985 Mar; 7(3):295–8

Cycle length dependence of the chronotropic effects of adrenaline, acetylcholine, Ca2+ and Mg2+ in the Guinea-pig sinoatrial node. Opthof T, et al. **J Auton Nerv Syst** 1984 Dec;11(4):349–66

Absence of desensitization in the response of the guinea pig sinus node to carbamylcholine. Carpentier RG, et al. **J Cardiovasc Pharmacol** 1984 Nov–Dec;6(6):1006–10

Effect of perfusion rate of cholinergic agonist on sinus node automaticity. Loeb JM, et al. **J Electrocardiol** 1985 Jul; 18(3):287–94

Effect of alpha-dihydro-grayanotoxin-II on the electrical activity of the rabbit sino-atrial node. Nakao M, et al. **J Physiol (Lond)** 1984 Dec;357:79–91

Effects of dopamine on sinoatrial conduction in isolated, blood-perfused dog atria. Kobayashi M, et al. **Jpn Heart J** 1984 Sep;25(5):755–63

A comparative study of sinoatrial conduction time with therapeutic doses of antiarrhythmic agents in isolated cross-perfused canine atria. Shimotori M, et al. **Jpn Heart J** 1985 Jan;26(1):113–22

Decrease in bradycardic effect of AQ-A 39 and alinidine in guinea-pig sinoatrial node depolarized by high external K+-concentration. Lillie C, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Dec; 328(2):210–3

Cardiovascular profile of Bay K 8644, a presumed calcium channel activator, in the dog. Wada Y, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Feb; 328(4):382–7

Stimulant and blocking effects of optical isomers of pindolol on the sinoatrial node and trachea of guinea pig. Role of beta-adrenoceptor subtypes in the dissociation between blockade and stimulation. Walter M, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Sep; 327(2):159–75

Sinus slowing and pacemaker shift caused by adenosine in rabbit SA node. West GA, et al. **Pflugers Arch** 1985 Jan; 403(1):66–74

Correlation of sinus slowing and hyperpolarization caused by adenosine in sinus node. West GA, et al. **Pflugers Arch** 1985 Jan;403(1):75–81

Threshold effects of acetylcholine on primary pacemaker cells of the rabbit sino-atrial node. Shibata EF, et al. **Proc R Soc Lond [Biol]** 1985 Jan 22;223(1232):355–78

Effects of betacarbolines on the automaticity of the guinea pig sinus node. Carpentier RG. **Subst Alcohol Actions Misuse** 1984;5(3):141–8

[Influence of intravenous clonidine on normal and pathological sinus and atrioventricular nodes and carotid sinus sensitivity] Victor J, et al. **Arch Mal Coeur** 1985 Apr; 78(4):637–43 (Eng. Abstr.) **(Fre)**

[Action of noradrenaline and dopamine on the pacemaker cells of the normal rat sinus node and in pharmacological sympathectomy] Sutiagin PV, et al. **Kardiologiia** 1985 May; 25(5):88–93 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

An enzyme histochemical study of human sinus node, coronary sinus, and mitral valve muscle. Théry C, et al. **Circulation** 1985 Jul;72(1):205–13

INJURIES

[Functional importance of the right atrial terminal crest in damage to the sinoatrial node] Bokeriia LA, et al. **Patol Fiziol Eksp Ter** 1985 May–Jun;(3):35–8 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Recording of sinus node electrogram: its technique, electrophysiological and clinical importance. Solti F, et al. **Acta Physiol Hung** 1985;66(1):51–9

Premature atrial stimulation during regular atrial pacing: a new approach to study of sinus node [letter] Griebenow R. **Am J Cardiol** 1985 Apr 1;55(8):1120

Effect of basic pacing cycle length on sinus node refractoriness in the rabbit. Kerr CR, et al. **Am J Cardiol** 1985 Jul 1;56(1):162–7

Different determination of sinoatrial conduction time (SACT) in man. Bischoff KO, et al. **Basic Res Cardiol** 1984 Nov–Dec;79(6):639–48

Vagal effects on sinoatrial and atrial conduction studied with epicardial mapping in dogs: the influence of pacemaker shifts on the measurement of sinoatrial conduction time. Watanabe H, et al. **Can J Physiol Pharmacol** 1985 Feb; 63(2):113–21

Sinus node responses to perfusion pressure changes, ischaemia and hypothermia in the isolated blood-perfused dog atrium. Kobayashi M, et al. **Cardiovasc Res** 1985 Jan; 19(1):20–6

Electrophysiological study of the two main pacemaker mechanisms in the rabbit sinus node. Kreitner D. **Cardiovasc Res** 1985 May;19(5):304–18

'Fade' of hyperpolarizing responses to vagal stimulation at the sinoatrial and atrioventricular nodes of the rabbit heart. Salata JJ, et al. **Circ Res** 1985 May;56(5):718–27

Comparison between intracellular and extracellular direct current recordings of sinus node activity for evaluation of sinoatrial conduction time. Haberl R, et al. **Circulation** 1984 Oct;70(4):760–7

Participation of cholinergic pathways in sinoaortic denervated rats. Taira CA, et al. **Gen Pharmacol** 1985; 16(2):145–8

Intermingling of efferent fibres in right vagus and sympathetic nerves supplying the sino-auricular node and adjacent tissues of cat as evident from a study of vagal tachycardia. Tripathi ON, et al. **Indian J Exp Biol** 1984 May;22(5):255–9

Fast algorithms for the analysis of sino-atrial node function. Jones ME, et al. **Int J Biomed Comput** 1985 Jan;16(1):9–16

Local epicardial chemical ablation of vagal input to sino-trial and atrioventricular regions of the canine heart. Randall WC, et al. **J Auton Nerv Syst** 1984 Sep;11(2):145–59

Autoregulation of cardiac cycle length: role of catecholamines. Loeb JM, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):281–5

Mutual entrainment and electrical coupling as mechanisms for synchronous firing of rabbit sino-atrial pace-maker cells. Jalife J. **J Physiol (Lond)** 1984 Nov;356:221–43

Ionic currents responsible for the generation of pace-maker current in the rabbit sino-atrial node. Maylie J, et al. **J Physiol (Lond)** 1984 Oct;355:215–35

The sympathetic axons innervating the sinus node of the rabbit possess presynaptic opioid kappa- but not mu- or delta-receptors. Starke K, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Apr; 329(2):206–9

Regional differences in the electrical activity of the rabbit sinus node. Kodama I, et al. **Pflugers Arch** 1985 Jul; 404(3):214–26

Action potential and membrane currents of single pacemaker cells of the rabbit heart. Nakayama T, et al. **Pflugers Arch** 1984 Nov;402(3):248–57

Cardiac beta-adrenoceptor desensitization after sinoaortic baroreceptors denervation or isoproterenol-pretreatment. Cabral AM, et al. **Pharmacol Res Commun** 1984 Oct; 16(10):1031–40

The slow inward current, isi, in the rabbit sino-atrial node investigated by voltage clamp and computer simulation. Brown HF, et al. **Proc R Soc Lond [Biol]** 1984 Sep 22; 222(1228):305–28

The ionic currents underlying pacemaker activity in rabbit sino-atrial node: experimental results and computer simulations. Brown HF, et al. **Proc R Soc Lond [Biol]** 1984 Sep 22;222(1228):329–47

A model of sino-atrial node electrical activity based on a modification of the DiFrancesco-Noble (1984) equations. Noble D, et al. **Proc R Soc Lond [Biol]** 1984 Sep 22; 222(1228):295–304

[Recording of human sinus node electrograms] Li YG. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1985 Mar; 13(1):38–9 **(Chi)**

[Evaluation of sinoatrial node function in healthy persons using selected pharmacological tests] Szponar M, et al. **Wiad Lek** 1985 Feb 15;38(4):257–64 (Eng. Abstr.) **(Pol)**

PHYSIOPATHOLOGY

Echocardiographic left atrial dimension as a predictor of maintaining sinus rhythm after conversion of atrial fibrillation. Höglund C, et al. **Acta Med Scand** 1985; 217(4):411–5

Effects of hypoxia and ischaemia on coronary vascular resistance, A-V node conduction and S-A node excitation. Berne RM, et al. **Acta Med Scand [Suppl]** 1985;694:9–19

Sinus node dysfunction during coronary vasospastic angina. Bashour TT, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):1056–9

Totally automated electrophysiologic testing of sinus node function. Zinner AJ 3d, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):1024–8

Catheter mapping during sinus rhythm: relation of local electrogram duration to ventricular tachycardia cycle length. Cassidy DM, et al. **Am J Cardiol** 1985 Mar 1; 55(6):713–6

Pre- and postoperative electrophysiologic assessment of children with secundum atrial septal defect. Karpawich PP, et al. **Am J Cardiol** 1985 Feb 15;55(5):519–21

Sinoatrial block with complicating sinoatrial reciprocation. Oreto G, et al. **Chest** 1985 May;87(5):689–91

Differences in the determinants of overdrive suppression between sinus rhythm and slow atrioventricular junctional rhythm. Neely BH, et al. **Circ Res** 1985 Jul;57(1):182–91

New application of direct sinus node recordings in man: assessment of sinus node recovery time. Gomes JA, et al. **Circulation** 1984 Oct;70(4):663–71

Intraoperative endocardial mapping during sinus rhythm: relationship to site of origin of ventricular tachycardia. Kienzle MG, et al. **Circulation** 1984 Dec;70(6):957–65

Pre-operative sinus node function in adult patients with atrial septal defect (ostium secundum type). Benedini G, et al. **Eur Heart J** 1985 Mar;6(3):261–5

Sinus node electrogram in patients with the hypersensitive carotid sinus syndrome. Gang ES, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1484–90

Sustained symptomatic sinus node reentrant tachycardia: incidence, clinical significance, electrophysiologic observations and the effects of antiarrhythmic agents. Gomes JA, et al. **J Am Coll Cardiol** 1985 Jan;5(1):45–57

Latent abnormalities of sinus node function in patients with organic heart disease and normal sinus node on clinical basis. Alboni P, et al. **J Electrocardiol** 1984 Oct; 17(4):385–91

Sinus node echoes and concealed concealed conduction: additional sinus node phenomena confirmed in man by direct sinus node electrography. Reiffel JA, et al. **J Electrocardiol** 1985 Jul;18(3):259–66

A new indirect method for measurement of sinoatrial conduction time and sinus node return cycle. Satoh S, et al. **Jpn Heart J** 1985 May;26(3):335–48

Electrophysiological testing of sinus node function [letter] Helfgott A. **PACE** 1985 May;8(3 Pt 1):463–4

Appropriate diagnostic studies for sinus node dysfunction. Karagueuzian HS, et al. **PACE** 1985 Mar;8(2):242–54

[Evaluation of non-invasive electrophysiologic testing in the diagnosis of sinoatrial node function] Wang BY. **Chung Hua Nei Ko Tsa Chih** 1984 Jun;23(6):324–8, 396 (Eng. Abstr.) **(Chi)**

[Elementary changes in the duration of successive sinus cycles; the concept of sinus extrasystole] Fillette F, et al. **Arch Mal Coeur** 1984 Aug;77(8):910–6 (Eng. Abstr.) **(Fre)**

[Secondary pauses following high frequency atrial stimulation: incidence and possible underlying mechanisms] Schmidt G, et al. **Z Kardiol** 1985 May;74(5):287-93 (Eng. Abstr.) **(Ger)**

[Influence of beta block and autonomic nerve block on the recovery time of the sinus node in sick sinus syndrome and carotid sinus syndrome] Brignole M, et al. **G Ital Cardiol** 1984 Oct;14(10):745-51 (Eng. Abstr.) **(Ita)**

[Decline of sympathetic nervous system regulation as etiological factor in sinoatrial block model] Konishi Y, et al. **Kokyu To Junkan** 1984 Nov;32(11):1127-9 **(Jpn)**

[Sinoatrial block] Dabrowski A. **Kardiol Pol** 1984; 27(8):617-21 **(Pol)**

[Sino-ventricular conduction in hyperkalemia] Rydlewska-Sadowska W. **Kardiol Pol** 1984; 27(11-12):977-80 **(Pol)**

[Diagnostic value of selected reflex tests in the diagnosis of sinoatrial node insufficiency] Szponar M, et al. **Kardiol Pol** 1984;27(6):475-83 (Eng. Abstr.) **(Pol)**

[Clinical value of the intracardiac recording of sinoatrial node potentials] Trusz-Gluza M, et al. **Kardiol Pol** 1985; 28(1):33-40 (Eng. Abstr.) **(Pol)**

[Transition of prevalent retrograde excitation of the atria to atrioventricular dissociation during paroxysmal ventricular tachycardia] Lukoshiavichiute AI, et al. **Kardiologiia** 1984 Jul;24(7):106-7 **(Rus)**

[Determination of the sinus node recovery time] Nedostup AV, et al. **Ter Arkh** 1984;56(9):70-4 (Eng. Abstr.) **(Rus)**

[Changes in the automatism of the sinoatrial node and sinoatrial conduction in patients with paroxysmal forms of atrial fibrillation] Mymrenko SN, et al. **Vrach Delo** 1985 Jan;(1):63-8 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

[Coronarographic possibilities of evaluation of the patency of the sinoatrial node artery] Drzewiecki J, et al. **Kardiol Pol** 1984;27(4):283-9 (Eng. Abstr.) **(Pol)**

SURGERY

Selective denervation of the S-A node in the treatment of progressive central vagal bradycardia. Coryllos E, et al. **J Pediatr Surg** 1984 Aug;19(4):451-6

TRANSPLANTATION

Myocyte transplantation for treatment of complete heart block. Sade RM, et al. **Surgery** 1985 Apr;97(4):495-7

ULTRASTRUCTURE

Essential features of endocardial and myocardial morphology: SEM and TEM studies. Koprla EC, et al. **Acta Physiol Hung** 1984;64(1):65-79

An ultrastructural study of the effects of right cervical sympathectomy on the sinuatrial and atrioventricular nodes in the heart of the monkey (Macaca fascicularis). Tay SS, et al. **J Anat** 1984 Oct;139 (Pt 3):449-61

SINUS ARRHYTHMIA see **ARRHYTHMIA, SINUS**

SINUS OF VALSALVA

Echocardiographic diagnosis of unruptured aneurysm of right sinus of Valsalva: an unusual cause of right ventricular outflow obstruction. Desai AG, et al. **Am Heart J** 1985 Feb;109(2):363-4

Ruptured sinus of Valsalva: demonstration by contrast echocardiography during cardiac catheterization. Vered Z, et al. **Am Heart J** 1985 Feb;109(2):365-6

Aspergillus fumigatus thrombi causing total occlusion of both coronary arterial ostia, all four major epicardial coronary arteries and coronary sinus and associated with purulent pericarditis. Ross EM, et al. **Am J Cardiol** 1985 Sep 1; 56(7):499-500

Asymptomatic sinus of Valsalva aneurysm causing right ventricular outflow obstruction before and after rupture. Warnes CA, et al. **Am J Cardiol** 1984 Dec 1;54(10):1383-4

Unruptured right coronary sinus to left ventricle aneurysm diagnosed by cross sectional echocardiography. Mok CK, et al. **Br Heart J** 1985 Feb;53(2):226-9

Mycotic aneurysm of the sinus of Valsalva due to Eikenella corrodens bacterial endocarditis. Burger AJ, et al. **Cardiology** 1984;71(4):220-8

Conduction disturbance in Behçet's disease. Association with ruptured aneurysm of the sinus of valsalva into the left ventricular cavity. Nojiri C, et al. **Chest** 1984 Oct; 86(4):636-8

Rupture of left sinus of Valsalva aneurysm into the pulmonary artery. Heilman KJ 3d, et al. **J Am Coll Cardiol** 1985 Apr;5(4):1005-7

Echocardiographic demonstration of an aneurysm of the right coronary sinus of valsalva with dissection into the interventricular septum. Liss GB, et al. **J Ultrasound Med** 1984 Oct;3(10):477-9

[Diagnosis of rupture of Valsalva's sinus--report of 12 cases] Zhu M. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Jun;12(2):106-7 **(Chi)**

[Acquired aortopulmonary fistula, unusual development of Valsalva's sinus aneurysm (letter)] Bazelly B, et al. **Presse Med** 1985 Jan 19;14(2):103-4 **(Fre)**

[A study on the ruptured Valsalva sinus aneurysm using two-dimensional echocardiography] Kambe T, et al. **J Cardiogr** 1984 Aug;14(2):389-401 (Eng. Abstr.) **(Jpn)**

[A computed tomographic study of aneurysms of the sinus of Valsalva] Yamada H, et al. **J Cardiogr** 1984 Oct; 14(3):577-85 (Eng. Abstr.) **(Jpn)**

[A case of unruptured aneurysm of the sinus of Valsalva producing a right ventricular outflow obstruction] Naito H, et al. **Kokyu To Junkan** 1985 Apr;33(4):581-5 (Eng. Abstr.) **(Jpn)**

ABNORMALITIES

Anomalous origin of the right coronary artery from the ascending aorta high above the left posterior sinus of Valsalva of a bicuspid aortic valve. Palomo AR, et al. **Am Heart J** 1985 Apr;109(4):902-4

Aortico-left ventricular tunnel arising from the left aortic sinus. Grant P, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1657-8

Anomalous origin of the left main coronary artery from the right anterior aortic sinus: angiographic definition of anomalous course. Ishikawa T, et al. **Am J Cardiol** 1985 Mar 1;55(6):770-6

Anomalous origin of the left main coronary artery from the right sinus of Valsalva. Kimbiris D. **Am J Cardiol** 1985 Mar 1;55(6):765-9

Anomalous separate origin of the septal perforator coronary artery from the left sinus of valsalva. Palomo AR, et al. **Cathet Cardiovasc Diagn** 1984;10(4):385-8

Aorto-left ventricular communication arising from the left aortic sinus of Valsalva: echocardiographic diagnosis and surgical repair. Ekici E, et al. **Eur Heart J** 1985 Feb; 6(2):181-4

A new double coronary artery anomaly: the right coronary artery originating above the coronary sinus giving off the circumflex artery. Young-Hyman PJ, et al. **J Am Coll Cardiol** 1984 Dec;4(6):1329-31

Congenital aortic stenosis with hypoplasia of the left sinus of Valsalva. Anatomic reconstruction of the aortic root. Harlan JL, et al. **J Thorac Cardiovasc Surg** 1985 Feb; 89(2):288-94

Continuous heart murmurs in childhood. Case reports and a review. Daubenton JD, et al. **S Afr Med J** 1984 Sep 29;66(13):499-501

Congenital aneurysm of the sinus of Valsalva. Surgical repair in an infant. Bastos P, et al. **Thorac Cardiovasc Surg** 1985 Apr;33(2):125-7

[Anomaly of the left coronary artery originating from the anterior sinus of Valsalva. Description of a surgically treated case in an adult] Pasetti P, et al. **Minerva Cardioangiol** 1984 Jul-Aug;32(7-8):445-50 (Eng. Abstr.) **(Ita)**

[Two cases of the ectopic origin of the right coronary artery from the left sinus of Valsalva] Mizuno K, et al. **Kokyu To Junkan** 1984 Oct;32(10):1081-5 (Eng. Abstr.) **(Jpn)**

INJURIES

[Percutaneous transluminal coronary angioplasty in a case of iatrogenic stenosis of the left coronary ostium] Simarro Martín E, et al. **Rev Esp Cardiol** 1984 Sep-Oct;37(5):366-7 (Eng. Abstr.) **(Spa)**

INNERVATION

Long-term analysis of the hypertension produced by sinoaortic denervation in the rat. Trindade AS Jr, et al. **Braz J Med Biol Res** 1984;17(2):209-17

Comparative effects of cardiac receptors and sinoaortic baroreceptors on elevations of plasma vasopressin and renin activity elicited by haemorrhage. Goetz KL, et al. **J Physiol (Paris)** 1984;79(6):440-5

PHYSIOLOGY

Cardiopulmonary reflexes and blood pressure in exercising sinoaortic-denervated dogs. Daskalopoulos DA, et al. **J Appl Physiol** 1984 Nov;57(5):1417-21

RADIOGRAPHY

Variation in origin of the posterior descending coronary artery [letter] Hunter DW. **Cardiovasc Intervent Radiol** 1984;7(6):317-9

[Roentgenologic and two-dimensional sector echocardiographic manifestations of ruptured congenital aortic sinus aneurysm] Huang ZL. **Chung Hua Fang She Hsueh Tsa Chih** 1985 Feb;19(1):12-4 (Eng. Abstr.) **(Chi)**

SURGERY

Aneurysm of the sinus of Valsalva with coexistent coronary atherosclerosis. Ghosh PK, et al. **Ann Thorac Surg** 1985 Jun;39(6):579-81

Ostial left main stenosis following repair of a ruptured sinus of Valsalva aneurysm. Coplan NL, et al. **Chest** 1985 Sep; 88(3):471-3

[Aneurysm of Valsalva's sinus rupturing into the right cavity. Surgical treatment. Apropos of 4 cases] Laborde F, et al. **Ann Chir** 1985 Mar;39(2):103-8 (Eng. Abstr.) **(Fre)**

SINUS THROMBOSIS

CHEMICALLY INDUCED

[Partial thrombosis of the superior sagittal sinus following carbon monoxide poisoning] Nagy Z, et al. **Orv Hetil** 1984 Dec 23;125(52):3181-4 (Eng. Abstr.) **(Hun)**

COMPLICATIONS

Pseudotumor cerebri associated with cerebral venous sinus thrombosis, internal jugular vein thrombosis, and systemic lupus erythematosus. Kaplan RE, et al. **J Pediatr** 1985 Aug; 107(2):266-8

[Intracranial hypertension caused by lateral sinus thrombosis in Vaquez's disease] Lauvin R, et al. **Rev Med Interne** 1985 Mar;6(2):158-61 **(Fre)**

[Thrombosis of cortical vein: a case report] Ishiwata Y, et al. **No Shinkei Geka** 1985 Jan;13(1):93-8 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

Dural sinus thrombosis in paroxysmal nocturnal hemoglobinuria. Donhowe SP, et al. **Clin Neurol Neurosurg** 1984;86(3):149-52

Lateral sinus thrombosis: a sometimes unexpected diagnosis. Hawkins DB. **Laryngoscope** 1985 Jun;95(6):674-7

DRUG THERAPY

Lateral sinus thrombosis. Medical or surgical treatment? Goldenberg RA. **Arch Otolaryngol** 1985 Jan;111(1):56-8

[Endovascular regional infusion therapy in treating patients with rhinogenic thrombosis of the cavernous sinus] Grigor'ev EG, et al. **Klin Khir** 1984 Dec;(12):44 **(Rus)**

ETIOLOGY

Experimental production of superior sagittal sinus thrombosis in the dog. Sarwar M, et al. **AJNR** 1985 Jan-Feb;6(1):19-22

Lateral sinus thrombosis in the eighties. Debruyne F. **J Laryngol Otol** 1985 Jan;99(1):91-3

[Dura mater arteriovenous fistula and lateral sinus occlusion] Augustin P, et al. **Rev Neurol (Paris)** 1984;140(10):594-6 (Eng. Abstr.) **(Fre)**

[Dural venous sinus occlusions in hemopathies] Meininger V, et al. **Rev Neurol (Paris)** 1985;141(3):228-33 (Eng. Abstr.) **(Fre)**

[Cerebral venous thrombosis with involvement of the cavernous sinus. Initial manifestation of Behçet's disease?] Bouchez B, et al. **Rev Otoneuroophtalmol** 1984 Jul-Dec; 56(4-5):447-53 (Eng. Abstr.) **(Fre)**

[Petrositis complicated by cavernous sinus thrombosis] Gulin KS. **Vestn Otorinolaringol** 1984 Sep-Oct;(5):66-7 **(Rus)**

NURSING

[Nursing for a patient with embolism of the cavernous sinus] Han XQ. **Chung Hua Hu Li Tsa Chih** 1984 Aug;19(4):225-6 **(Chi)**

RADIOGRAPHY

Digital angiography for the diagnosis of dural sinus thrombosis in Behçet's disease [letter] Brissaud P, et al. **Arthritis Rheum** 1985 Mar;28(3):359-60

CT diagnosis of thrombosis of dural sinuses in childhood. Justich E, et al. **Eur J Radiol** 1984 Nov;4(4):294-5

Intracranial hypertension in Behçet's disease: demonstration of sinus occlusion with use of digital subtraction angiography. Harper CM Jr, et al. **Mayo Clin Proc** 1985 Jun;60(6):419-22

Superior sagittal sinus thrombosis after closed head injury. Hesselbrock R, et al. **Neurosurgery** 1985 Jun;16(6):825-8

[Superior sagittal sinus thrombosis: clinical picture and computed tomographic findings] Bitton V, et al. **Harefuah** 1985 Jan 1;108(1):3-5 (Eng. Abstr.) **(Heb)**

SINUSITIS

Transactions of the XXIIth congress of the Scandinavian Oto-laryngological Society. Abstracts. Copenhagen, June 18-21, 1984. **Acta Otolaryngol [Suppl] (Stockh)** 1984; 412:1-138

Ethmoiditis. Pathophysiology and medical management. Eichel B. **Otolaryngol Clin North Am** 1985 Feb;18(1):43-53

Mycotic infection of the maxillary sinuses. Jirousek Z, et al. **Sb Ved Pr Lek Fak Univ Karlovy** 1983;26(4):405-22

[Inflammatory diseases of the nose and nasal sinuses in children] Albegger K, et al. **Padiatr Padol** 1985; 20(3):315-23 (24 ref.) (Eng. Abstr.) **(Ger)**

BLOOD

[A sino-pulmonary syndrome in pneumonologic practice--alpha 1-antitrypsin deficiency in emphysema patients] Werner E, et al. **Z Gesamte Inn Med** 1984 Aug 1;39(15):377-8 (Eng. Abstr.) **(Ger)**

COMPLICATIONS

Capnocytophaga bacteremia in a neutropenic patient with sinusitis. Brown R, et al. **Ala Med** 1985 May;54(11):33-5

Chronic cough, sinusitis, and hyperreactive airways in children: an often overlooked association. Sacha RF, et al. **Ann Allergy** 1985 Mar;54(3):195-8

Optic neuritis secondary to sinus disease. Sanborn GE, et al. **Arch Otolaryngol** 1984 Dec;110(12):816-9

Subperiosteal orbital hemorrhage associated with chronic sinusitis: a case report and review of the literature. Ichino Y, et al. **Auris Nasus Larynx** 1985;12(1):27-30

Of sterility and sinusitis [letter] Masia A. **Hosp Pract [Off]** 1985 Sep 30;20(9A):16

Enophthalmos and orbital expansion from chronic sinusitis. CT evaluation with reformatted images. Martelli A, et al. **J Clin Neuro Ophthalmol** 1984 Sep;4(3):167–72

Complications of sinusitis caused by Streptococcus milleri. Blayney AW, et al. **J Laryngol Otol** 1984 Sep;98(9):895–9

Abscess of the nasal septum complicating isolated acute sphenoiditis. Collins MP. **J Laryngol Otol** 1985 Jul; 99(7):715–9

Intracranial complications of frontal sinusitis. A report of two cases. Gil-Carcedo LM, et al. **J Laryngol Otol** 1984 Sep;98(9):941–5

Pituitary abscess following asymptomatic sphenoid sinusitis. Marks PV, et al. **J Laryngol Otol** 1984 Nov;98(11):1151–5

An intracranial complication of frontal sinusitis--case report. Day JO, et al. **J Med Assoc Ga** 1984 Sep;73(9):603–4

Relationship of optic neuritis to disease of the paranasal sinuses. Rothstein J, et al. **Laryngoscope** 1984 Nov;94(11 Pt 1):1501–8

Sino-orbital aspergillosis associated with total ophthalmoplegia. Yumoto E, et al. **Laryngoscope** 1985 Feb; 95(2):190–2

Orbital complications of ethmoiditis. Goodwin WJ Jr. **Otolaryngol Clin North Am** 1985 Feb;18(1):139–47 (5 ref.)

Mucorsinusitis in diabetes [letter] McDonogh M, et al. **S Afr Med J** 1985 Jan 19;67(3):78

[Chronic retrobulbar inflammations of sinus origin] Baráková D, et al. **Cesk Oftalmol** 1984 Nov;40(6):365–7 (Eng. Abstr.) **(Cze)**

[Emergencies in orbital complications of sinusitis] Skenazi JJ, et al. **Acta Otorhinolaryngol Belg** 1984;38(2):133–9 (Eng. Abstr.) **(Fre)**

[Headache in sphenoiditis] Eyssautier D. **Rev Laryngol Otol Rhinol (Bord)** 1985;106(1):25–7 (Eng. Abstr.) **(Fre)**

[Pathogenesis of pneumosinus maxillaris dilatans] Wolfensberger M. **HNO** 1984 Dec;32(12):518–20 (Eng. Abstr.) **(Ger)**

[Actinomycosis of the maxillary sinus with optic nerve atrophy] Kurnatowski P, et al. **Otolaryngol Pol** 1985; 39(1):57–60 (Eng. Abstr.) **(Pol)**

[Neurocirculatory asthenia in patients with odontogenic inflammatory processes] Dmitrieva VS, et al. **Vestn Khir** 1985 Feb;134(2):51–2 (Eng. Abstr.) **(Rus)**

[Fungal infection of the maxillary sinus complicated by fistula of the lower eyelid] Alimov AI, et al. **Vestn Otorinolaringol** 1985 Mar–Apr;(2):68–9 **(Rus)**

[Rhinogenic orbital complications] Dadamukhamedov AN, et al. **Vestn Otorinolaringol** 1985 Mar–Apr;(2):51–3 (Eng. Abstr.) **(Rus)**

[Acute frontoethmoiditis complicated by osteomyelitis of the frontal bone and subperiosteal and extradural abscess of the anterior cranial fossa] Ibragimov GT, et al. **Vestn Otorinolaringol** 1984 Sep–Oct;(5):61–2 **(Rus)**

[Ways of eliminating diagnostic and organizational obstacles in the treatment of rhinogenic phlegmon of the orbit in children] Moskovchenko KP, et al. **Vestn Otorinolaringol** 1984 Nov–Dec;(6):20–3 (Eng. Abstr.) **(Rus)**

[Relation of chronic rhinitis and sinusitis with the chronic obstructive pulmonary syndrome] [Drecun V, et al. **Srp Arh Celok Lek** 1984 Jun;112(6):687–94 **(Scc)**

DIAGNOSIS

Sinusitis in the child. Daele JJ. **Acta Otorhinolaryngol Belg** 1984;38(3):315–20

Sphenoid sinusitis. Lew D, et al. **Biomed Pharmacother** 1984; 38(4):214–6

Ultrasound of the sinuses: a worthwhile procedure? A comparison of ultrasound and radiography in predicting the findings of proof puncture on the maxillary sinuses. Pfleiderer AG, et al. **Clin Otolaryngol** 1984 Dec;9(6):335–9

Sinusitis in children--diagnosis and management. Rachelefsky GS. **Clin Rev Allergy** 1984 Nov;2(4):397–408 (20 ref.)

Maxillary sinusitis as a differential diagnosis in temporomandibular joint pain-dysfunction syndrome. Rihani A. **J Prosthet Dent** 1985 Jan;53(1):97–100

Aspergillosis of the maxillary sinuses in otherwise healthy patients. Meikle D, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):776–9

The evaluation of ultrasonography in the diagnosis of maxillary sinusitis. Suat Ozbilen M, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(3):285–9

[Personal experience with sinus endoscopy. Apropos of 120 cases of chronic sinusitis] Ermens F, et al. **Acta Otorhinolaryngol Belg** 1984;38(5):503–12 (Eng. Abstr.) **(Fre)**

[Endoscopic diagnosis of allergic reactions in mucous membranes of the nose and paranasal sinuses] Betlejewski S, et al. **Wiad Lek** 1985 Jan 15;38(2):109–15 (Eng. Abstr.) **(Pol)**

[Rhinosinusitis in children. Clinical aspects and therapeutic features] Pop M, et al. **Rev Chir [Otorinolaringol]** 1984 Oct–Dec;29(4):269–76 **(Rum)**

[Experience in using the determination of bone alkaline phosphatase in diseases of the maxillofacial area] Kulikova VS, et al. **Vestn Akad Med Nauk SSSR** 1984;(12):63–5 (Eng. Abstr.) **(Rus)**

[Thermographic diagnosis of various diseases of the nose and pharynx in a polyclinic setting] Gmyria EV. **Vestn Otorinolaringol** 1984 Nov–Dec;(6):24–8 (Eng. Abstr.) **(Rus)**

[Clinical aspects, diagnosis and treatment of chronic maxillary sinusitis in patients with chronic nonspecific suppurative lung diseases] Muminov AI, et al. **Vestn Otorinolaringol** 1984 Sep–Oct;(5):49–52 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

A combination of cefuroxime and N-acetyl-cysteine for the treatment of maxillary sinusitis in children with respiratory allergy. Boner AL, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Sep;22(9):511–4

Treatment of acute maxillary sinusitis. Erythromycin base and phenoxymethyl-penicillin (penicillin V). von Sydow C, et al. **Rhinology** 1984 Dec;22(4):247–54

Ketoconazole and fungal sinusitis. Farquhar DL, et al. **Scott Med J** 1984 Jul;29(3):192–3

Cephalexin in the treatment of acute and chronic maxillary sinusitis. Schaefer SD, et al. **South Med J** 1985 Jan; 78(1):45–7

[Treatment of nasal sinusitis with qin jie tang and changes in IgG levels] Su CZ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec;4(12):730–1 **(Chi)**

[Granulation tumor of the orbit following ointment treatment of the maxillary sinus] Brusis T. **HNO** 1984 Dec; 32(12):511–4 (Eng. Abstr.) **(Ger)**

ENZYMOLOGY

Purification of glandular kallikrein in maxillary mucosa from humans suffering from chronic inflammation. Hamaguchi Y, et al. **Enzyme** 1985;33(1):41–8

ETIOLOGY

Fungal sinusitis in healthy and immunocompromised individuals. Morgan MA, et al. **Am J Clin Pathol** 1984 Nov; 82(5):597–601

Sinusitis caused by Legionella pneumophila in a patient with the acquired immune deficiency syndrome. Schlanger G, et al. **Am J Med** 1984 Nov;77(5):957–60

Malakoplakia of the maxillary sinus. Nistal M, et al. **Ann Otol Rhinol Laryngol** 1985 Mar–Apr;94(2 Pt 1):117–21

Infections of the nose and paranasal sinuses in adult patients with immunodeficiency. Karlsson G, et al. **Arch Otolaryngol** 1985 May;111(5):290–3

Frontal sinusitis caused by Myriodontium keratinophilum. Maran AG, et al. **Br Med J [Clin Res]** 1985 Jan 19; 290(6463):207

Sinusitis and polyarteritis nodosa. Burkett PR. **Ear Nose Throat J** 1985 Mar;64(3):127–9

Rhinocerebral mycosis. Hazarika P, et al. **Ear Nose Throat J** 1984 Sep;63(9):464–8

The case of a sterile man with chronic sinusitis. Seaman WB. **Hosp Pract [Off]** 1985 Aug 15;20(8):123, 126

Allergic Aspergillus sinusitis [clinical conference] Goldstein MF, et al. **J Allergy Clin Immunol** 1985 Sep;76(3):515–24

The relationship between periodontitis and the maxillary sinus. Lane JJ, et al. **J Periodontol** 1984 Aug;55(8):477–81

Etiological diagnosis in sinusitis: ultrasonography as clinical complement. Berg O, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):851–3

Sinusitis in immunodeficient and immunosuppressed patients. Berlinger NT. **Laryngoscope** 1985 Jan;95(1):29–33

Pseudomonas aeruginosa in chronic maxillary sinusitis. Koltai PJ, et al. **Laryngoscope** 1985 Jan;95(1):34–7

Sinusitis in intensive care unit patients. Kronberg FG, et al. **Laryngoscope** 1985 Aug;95(8):936–8

Myospherulosis. Chait DH, et al. **Nebr Med J** 1985 Feb; 70(2):57–60

Paranasal sinusitis: a common complication of nasotracheal intubation in neurosurgical patients. Deutschman CS, et al. **Neurosurgery** 1985 Aug;17(2):296–9

Sixty year old caucasian female with nasal congestion and abnormal chest x-ray [clinical conference] Lindquist MD, et al. **SD J Med** 1985 Jan;38(1):13–7

[Etiology of maxillary sinusitis] Fajstavr J, et al. **Cesk Otolaryngol** 1984 Nov;33(6):324–9 (Eng. Abstr.) **(Cze)**

[Endoscopy of the maxillary sinus. Diagnostic and therapeutic value in chronic sinusitis] Demard F, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(8):649–52 (Eng. Abstr.) **(Fre)**

[Therapy and the course of healing in odontogenic sinusitis. A case report] Stoffel J. **Dtsch Zahnarztl Z** 1984 Jun; 39(6):475–82 (Eng. Abstr.) **(Ger)**

[Acute suppurative sphenoiditis as a result of contrast medium and vomit in the sinuses] Khusnutdinov AKh, et al. **Vestn Otorinolaringol** 1985 Mar–Apr;(2):64–6 **(Rus)**

[Nosocomial acute maxillary sinusitis: apropos of 2 cases] de Celis G, et al. **Med Clin (Barc)** 1985 Apr 6;84(13):533–4 (Eng. Abstr.) **(Spa)**

METABOLISM

[A study on silicon localization in the mucous membrane of chronic maxillary sinusitis] Morita K. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Jan;88(1):13–9 (Eng. Abstr.) **(Jpn)**

MICROBIOLOGY

Localization of bacteria and the cause of tissue destruction in maxillary sinusitis. Lundberg C, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;407:30–2

Orbital cellulitis and sinusitis caused by group B beta streptococcus in a 3-year-old child. Blumenthal DS, et al. **J Natl Med Assoc** 1985 Feb;77(2):147–8

Unsuspected bacteremia caused by Branhamella catarrhalis. Baron J, et al. **Pediatr Infect Dis** 1985 Jan–Feb;4(1):100–1

[Nasosinus aspergillosis] Guyomarch JP, et al. **Rev Laryngol Otol Rhinol (Bord)** 1985;106(3):195–7 (Eng. Abstr.) **(Fre)**

[Sphenoid sinusitis and panhypopituitarism] Rosselet PO, et al. **Schweiz Med Wochenschr** 1984 Sep 29;114(39):1340–2 (Eng. Abstr.) **(Fre)**

OCCURRENCE

[Incidence of chronic nonspecific respiratory tract diseases among university students in Cracow] Krakowska M, et al. **Pol Arch Med Wewn** 1984 Nov;72(5):257–66 (Eng. Abstr.) **(Pol)**

PATHOLOGY

[Local differences in the tissue picture of chronic hyperplastic paranasal sinus mucosa] Hosemann W, et al. **HNO** 1985 Jul;33(7):311–5 (Eng. Abstr.) **(Ger)**

[Mucous membrane changes in the anterior ethmoid bone in chronic sinusitis and mycoses of the paranasal sinuses. An endoscopy, light and electron microscopy study. 2. Electron microscopy findings] Stammberger H. **Laryngol Rhinol Otol (Stuttg)** 1985 Feb;64(2):113–7 (Eng. Abstr.) **(Ger)**

[Mucous membrane changes in the anterior ethmoid bone in chronic sinusitis and mycoses of the paranasal sinuses. An endoscopy, light and electron microscopy study. 1. Endoscopy and light microscopy findings] Stammberger H. **Laryngol Rhinol Otol (Stuttg)** 1985 Feb;64(2):107–12 **(Ger)**

PHYSIOPATHOLOGY

Blood flow in the rabbit sinus mucosa during experimentally induced chronic sinusitis. Measurement with a diffusible and with a non-diffusible tracer. Kumlien J, et al. **Acta Otolaryngol (Stockh)** 1985 May–Jun;99(5–6):630–6

Reversibility of reduced mucociliary clearance in chronic sinusitis. Sakakura Y, et al. **Clin Otolaryngol** 1985 Apr; 10(2):79–83

[Pathophysiology of sinusitis] Kortekangas AE. **Duodecim** 1985;101(7):677–82 **(Fin)**

[Role of mucus and cilia on dysfunction in nasal mucociliary transportation in chronic sinusitis] Majima Y, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Sep;87(9):1075–81 (Eng. Abstr.) **(Jpn)**

PREVENTION & CONTROL

Benefit of intravenous IgG replacement in hypogammaglobulinemic patients with chronic sinopulmonary disease. Roifman CM, et al. **Am J Med** 1985 Aug;79(2):171–4

RADIOGRAPHY

[Formation of roentgen dense structures in aspergillus mycoses of the paranasal sinuses] Stammberger H. **HNO** 1985 Feb;33(2):62–4 (Eng. Abstr.) **(Ger)**

SURGERY

Functional endoscopic sinus surgery. Technique. Kennedy DW. **Arch Otolaryngol** 1985 Oct;111(10):643–9

Resection of the interfrontal sinus septum in chronic or recurrent frontal sinusitis. Pre- and post-operative evaluation of the naso-frontal duct. Andréasson L, et al. **Clin Otolaryngol** 1985 Jun;10(3):151–5

Diagnosis and medical and surgical treatment of sinusitis in adults. Friedman WH, et al. **Clin Rev Allergy** 1984 Nov; 2(4):409–28 (33 ref.)

Treatment of chronic unilateral frontal sinusitis: a 13-year followup. Pope TH Jr. **Ear Nose Throat J** 1985 May; 64(5):232, 234

Injury to developing canines as a complication of intranasal antrostomy. Report of a case. Barfoed CP, et al. **Int J Oral Surg** 1984 Oct;13(5):445–7

Indications for surgery in sinusitis. Weir AF Jr, et al. **J SC Med Assoc** 1984 Aug;80(8):398–9

Reconstruction of post-traumatic sinus osteomyelitis. Lekas MD, et al. **Laryngoscope** 1984 Oct;94(10):1277–80

The use of the operating microscope in ethmoid surgery. Dixon HS. **Otolaryngol Clin North Am** 1985 Feb; 18(1):75–86

External ethmoidectomy. Neal GD. **Otolaryngol Clin North Am** 1985 Feb;18(1):55–60

A comparison between middle and inferior meatal antrostomy in the treatment of chronic maxillary sinus infection. Arnes E, et al. **Rhinology** 1985 Mar;23(1):65–9

[Conservative operations of the frontal sinuses in 1977–1981] Fiala M, et al. **Cesk Otolaryngol** 1985 Mar;34(2):71–5 (Eng. Abstr.) **(Cze)**

[Indications for surgical intervention in occult paranasal sinusitis in the child] Schmoldt U, et al. **HNO** 1985 Jul; 33(7):316–8 (Eng. Abstr.) **(Ger)**

[Indications for surgical treatment and the choice of the operative procedure in chronic sphenoethmomaxillary sinusitis. A viewpoint] Hirizescu D, et al.

Rev Chir [Otorinolaringol] 1984 Oct-Dec;29(4):263-8 (Eng. Abstr.) **(Rum)**

THERAPY

Gaonkar's maneuver for treating allergic asthma, allergic rhinitis, and chronic sinusitis. Gaonkar BN, et al. **J Asthma** 1985;22(2):93-7

[Results of maxillary sinus lavage in infants and small children] Schmidt HJ, et al. **Z Arztl Fortbild (Jena)** 1984; 78(22):949-51 **(Ger)**

[Results of the conservative treatment of allergic nasosinus disease] Ziuzio S. **Otolaryngol Pol** 1984;38(3):225-32 (Eng. Abstr.) **(Pol)**

[Laser therapy of inflammatory diseases of the paranasal sinuses] Timirgaleev MKh, et al. **Vestn Otorinolaringol** 1985 May-Jun;(3):56-60 (Eng. Abstr.) **(Rus)**

VETERINARY

Infectious sinusitis in turkeys at Ibadan, Nigeria. Fatunmbi OO. **Avian Dis** 1984 Jul-Sep;28(3):734-6

Sinusitis in turkeys associated with respiratory cryptosporidiosis. Glisson JR, et al. **Avian Dis** 1984 Jul-Sep;28(3):783-90

Selected oral, pharyngeal, and upper respiratory conditions in the cat. Oral tumors, nasopharyngeal and middle ear polyps, and chronic rhinitis and sinusitis. Bradley RL. **Vet Clin North Am [Small Anim Pract]** 1984 Nov; 14(6):1173-84 (47 ref.)

[Chronic purulent maxillary sinusitis in horses] van der Velden MA, et al. **Tijdschr Diergeneeskd** 1984 Oct 15; 109(20):793-9 (Eng. Abstr.) **(Dut)**

SIPHONAPTERA see **FLEAS**

SIPPLE SYNDROME see **NEOPLASMS, MULTIPLE ENDOCRINE**

SIPUNCULIDA see **NEMATODA**

SIRENOMELIA see **ECTROMELIA**

SISOMICIN

BIOSYNTHESIS

Genetic experiments on sisomicin production by Micromonospora rosea. Gadó I, et al. **Genet Res** 1985 Jun; 45(3):341-4

A plasmid of the sisomicin producer Micromonospora inyoensis. Parag Y, et al. **J Antibiot (Tokyo)** 1984 Sep; 37(9):1082-4

METABOLISM

The single-dose pharmacokinetics of 5-epi-sisomicin (Sch 22591) in human volunteers. Amirak ID, et al. **J Antimicrob Chemother** 1985 May;15(5):607-11

[A pharmacokinetic investigation of sisomicin administered intramuscularly to children] Nishimura T, et al. **Jpn J Antibiot** 1984 May;37(5):835-46 (Eng. Abstr.) **(Jpn)**

[Pharmacokinetics of sisomicin during hemosorption and hemodialysis] Firsov AA, et al. **Antibiot Med Biotekhnol** 1985 May;30(5):352-5 (Eng. Abstr.) **(Rus)**

[Quantitative indicators of gentamicin and sisomicin interaction with isolated subcellular fractions of the liver and kidneys and intracellular distribution of these antibiotics] Guliaev AE, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):50-4 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Effect of gentamicin and sisomicin on the generation of superoxide by human monocytes. Dri P, et al. **Chemioterapia** 1984 Jun;3(3):159-62

In vitro evaluation of ceftazidime (GR 20263), amikacin and sisomicin, in a model simulating serum pharmacokinetics of therapeutic doses. Xerri L, et al. **Chemioterapia** 1984 Oct;3(5):271-7

[Combined effect of cefotaxime and aminoglycoside antibiotics on Pseudomonas strains and group D streptococci] Linda H, et al. **Med Dosw Mikrobiol** 1984; 36(4):223-9 (Eng. Abstr.) **(Pol)**

[A dynamic system for the in vitro study of the kinetics of the antimicrobial effect of antibiotics in pharmacokinetic changes in their concentration] Firsov AA, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):36-43 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

[Perioperative antibiotic therapy--clinical experiences with a combination of mezlocillin/sisomicin in accident surgery] Lais E. **Unfallchirurgie** 1984 Aug;10(4):168-72 (Eng. Abstr.) **(Ger)**

[Sisomicin in infections of the newborn] Bassetti D, et al. **Minerva Pediatr** 1984 Jun 30;36(12):659-62 (Eng. Abstr.) **(Ita)**

[Clinical experience of sisomicin sulfate by intravenous drip infusion for the treatment of infection complicated by malignant disease] Tamura K, et al. **Jpn J Antibiot** 1984 Jul;37(7):1237-40 (Eng. Abstr.) **(Jpn)**

TOXICITY

[Decrease of sisomicin nephrotoxicity as affected by cephalothin: pharmacokinetic evaluation] Gagaeva EV, et al. **Antibiot Med Biotekhnol** 1985 Mar;30(3):190-6 (Eng. Abstr.) **(Rus)**

SISOMYCIN see **SISOMICIN**

SISSOMICIN see **SISOMICIN**

SISTER CHROMATID EXCHANGE

Sister chromatid exchange and cell kinetics of marrow cells in acute non-lymphocytic leukemia. Zhao LC, et al. **Acta Acad Med Wuhan** 1985;5(1):54-6

Sister chromatid exchanges. 25 years of experimental research. Part A: The nature of SCEs. **Basic Life Sci** 1984; 29 Pt A:1-491

Complementation studies in murine/human hybrids suggest multiple etiology for increased rate of sister chromatid exchange in mammalian cells. Alhadeff B, et al. **Basic Life Sci** 1984;29 Pt B:741-63

Sister chromatid exchanges in mammalian meiotic chromosomes. Allen JW, et al. **Basic Life Sci** 1984;29 Pt B:629-45

SCE and cell cycle studies in leukemia. Becher R, et al. **Basic Life Sci** 1984;29 Pt B:839-53 (56 ref.)

Persistence of SCE-inducing lesions in vivo: relevance to mechanisms of SCE formation. Conner MK. **Basic Life Sci** 1984;29 Pt A:199-214

Monitoring patients on long-term drug therapy for genotoxic effects. Erskine IA, et al. **Basic Life Sci** 1984;29 Pt B:895-905

Ring chromosomes and sister chromatid exchanges. Geard CR. **Basic Life Sci** 1984;29 Pt A:91-101

Induction of sister chromatid exchanges in split-dose and cell-fusion experiments. Gentil A, et al. **Basic Life Sci** 1984; 29 Pt A:141-8

Sister chromatid exchange in phytohemagglutinin-stimulated lymphocytes of nonfamilial cutaneous malignant melanoma patients. Ghidoni A, et al. **Basic Life Sci** 1984;29 Pt B:855-8

BrdUrd-independent and BrdUrd-dependent SCEs as components of SCE yields: implications for their cellular significance. Gutiérrez C, et al. **Basic Life Sci** 1984;29 Pt A:83-90

Different properties in lymphoblastoid cell lines from patients with Bloom syndrome. Hashimoto T, et al. **Basic Life Sci** 1984;29 Pt B:765-74

Sister chromatid exchange induction by cigarette smoke. Hopkin JM. **Basic Life Sci** 1984;29 Pt B:927-37

Thymidylate stress and sister chromatid exchanges. Hori T, et al. **Basic Life Sci** 1984;29 Pt A:149-59

SCE and DNA methylation. Ikushima T. **Basic Life Sci** 1984; 29 Pt A:161-72

Cell-stage dependence of the formation of SCEs and chromosomal aberrations. Ishii Y, et al. **Basic Life Sci** 1984; 29 Pt A:173-80

Practical applications of the SCE studies for guiding and improving chemotherapy. Kourakis A, et al. **Basic Life Sci** 1984;29 Pt B:907-14

Removal and persistence of SCE-inducing damage in human lymphocytes in vitro. Lambert B, et al. **Basic Life Sci** 1984; 29 Pt B:647-62

Detection, significance, and mechanism of sister chromatid exchange formation: past experiments, current concepts, future challenges. Latt SA, et al. **Basic Life Sci** 1984;29 Pt A:11-40

DNA repair and sister chromatid exchanges. Lindahl-Kiessling K, et al. **Basic Life Sci** 1984;29 Pt A:305-11

Statistical analysis of high SCE frequency cells in human lymphocytes. Moore DH 2d, et al. **Basic Life Sci** 1984;29 Pt A:469-79

Human health situation and chromosome alterations: sister chromatid exchange frequency in lymphocytes from passive smokers and patients with hereditary diseases. Morimoto K, et al. **Basic Life Sci** 1984;29 Pt B:801-11

Study of basal cell nevus syndrome fibroblasts after treatment with DNA-damaging agents. Nagasawa H, et al. **Basic Life Sci** 1984;29 Pt B:775-85

Assessment of sister chromatid exchange in spermatogonia and intestinal epithelium in Chinese hamsters. Neal SB, et al. **Basic Life Sci** 1984;29 Pt B:613-28

The effect of cell proliferation, bromodeoxyuridine concentration, and deoxynucleoside triphosphate pools on sister chromatid exchange induction. Ockey CH, et al. **Basic Life Sci** 1984;29 Pt A:267-79

The replication of unsubstituted and 5-bromodeoxyuridine- or 5-chlorodeoxyuridine-substituted DNA regulates the rate of induction of sister chromatid exchanges. O'Neill JP, et al. **Basic Life Sci** 1984;29 Pt A:59-68

A statistical analysis of Neanthes arenaceodentata, sister chromatid exchange data. Pesch G, et al. **Basic Life Sci** 1984;29 Pt A:481-91

Value and significance of SCE in human leukemia and cancer. Sandberg AA, et al. **Basic Life Sci** 1984;29 Pt B:825-38

DNA damage persistence and site specificity in SCE formation. Schvartzman JB, et al. **Basic Life Sci** 1984;29 Pt A:215-27 (36 ref.)

Replication bypass SCE mechanisms and the induction of SCE by single-strand adducts or lesions of DNA. Shafer DA. **Basic Life Sci** 1984;29 Pt A:245-65 (35 ref.)

Analysis of sister chromatid exchanges in Bloom syndrome by use of endomitotic and three-way differentiation procedures. Shiraishi Y. **Basic Life Sci** 1984;29 Pt B:729-40

Sister chromatid exchange frequency and cell cycle kinetics in cancer patients treated with cytostatic drugs. Singh NP, et al. **Basic Life Sci** 1984;29 Pt B:885-93

The contribution of DNA single-strand breaks to the formation of chromosome aberrations and SCEs. Speit G, et al. **Basic Life Sci** 1984;29 Pt A:229-44 (60 ref.)

A brief history of the discovery of sister chromatid exchanges. Taylor JH. **Basic Life Sci** 1984;29 Pt A:1-9

The relevance of sister chromatid exchange studies to public health: prevention and intervention. Introduction to a general discussion on the interpretation of sister chromatid exchange data. Tsongas TA. **Basic Life Sci** 1984;29 Pt B:987-90

Statistical evaluation of sister chromatid exchanges: refined method. Vercauteren P, et al. **Basic Life Sci** 1984;29 Pt A:457-67

Guidelines for the statistical evaluation of SCE. Wulf HC, et al. **Basic Life Sci** 1984;29 Pt A:441-55

Sister chromatid exchange analysis in cultured peripheral blood leukocytes of the coldwater marine fish, Pacific staghorn sculpin (Leptocottus armatus): a feasible system for assessing genotoxic marine pollutants. Zakour HR, et al. **Basic Life Sci** 1984;29 Pt B:493-508

Spontaneous and induced sister chromatid exchange frequencies and cell cycle progression in lymphocytes of patients with carcinoma of the uterine cervix. Adhvaryu SG, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):67-72

Simultaneous detection of SCE and Q-bands on human chromosomes by a double-staining technique. Almássy Z, et al. **Cancer Genet Cytogenet** 1985 Mar 15;16(2):153-6

Normal sister chromatid exchange frequencies during growth of a transplantable murine myeloid leukemia. Au WW, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):125-30

Chromosome damage and sister chromatid exchanges in lymphocyte cultures from patients with two primary cancers. Brown T, et al. **Cancer Genet Cytogenet** 1985 May; 17(1):35-42

Proliferative characteristics and sister chromatid exchange (SCE) of colony-forming cells (CFU-S) in acute myelogenous leukemia. Crossen PE, et al. **Cancer Genet Cytogenet** 1985 Jan 15;14(3-4):267-73

SCE frequency and lymphocyte proliferation in a Down's syndrome mosaic developing an acute lymphoblastic leukemia. Heidemann A, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1-2):109-12

Cytogenetic and cytokinetic analysis of lymphocytes from patients with hereditary adenomatosis of the colon and rectum. Kasukawa T, et al. **Cancer Genet Cytogenet** 1985 Mar 1;16(1):73-9

Increased sister chromatid exchange frequency in bone marrow cells of myelodysplastic syndromes. Murthy PB, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1-2):151-8

A permanent method of detecting SCE by immunofluorescence using monoclonal anti-BrdU antibodies. Raza A, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1-2):187-9

Cell cycle progression of stimulated lymphocytes of various B-cell leukemias. Sadamori N, et al. **Cancer Genet Cytogenet** 1985 Jun;17(2):181-3

Chromosome abnormalities, sister chromatid exchanges, and cell cycle analysis in phytohemagglutinin-stimulated adult T cell leukemia lymphocytes. Shiraishi Y, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1-2):65-77

Sister chromatid exchange in malignant lymphomas. Slavutsky I, et al. **Cancer Genet Cytogenet** 1984 Oct; 13(2):153-8

'Unusual SCD' explained by differences in BrdU incorporation during subsequent cell cycles. Speit G. **Cancer Genet Cytogenet** 1985 Feb 1;15(1-2):85-8

Do the frequencies of sister chromatid exchanges in endoreduplicated mitoses provide a measure for lesion persistence and repair? Speit G, et al. **Chromosoma** 1985; 91(5):369-71

Sister chromatid exchange with and without in vitro mutagen induction in cultured skin fibroblasts from patients with adenomatosis of the colon and rectum. Heim S. **Clin Genet** 1985 Jan;27(1):51-8

A comparison of sister chromatid exchange frequencies in peripheral lymphocytes and bone marrow cells of Fischer 344 and Sprague-Dawley rats. Dearfield KL, et al. **Cytogenet Cell Genet** 1984;38(3):216-20

Hybridization with human cells corrects the elevated SCE frequency and BrdU hypersensitivity of hamster cell line EM9. Ray JH, et al. **Cytogenet Cell Genet** 1985;39(2):154-7

Different sister chromatid exchange rates in XX and XY cells of a pair of human chimeric twins. Wulf HC, et al. **Cytogenet Cell Genet** 1985;39(2):105-8

Sister chromatid exchanges: a reexamination of the evidence for sex and race differences in humans. Margolin BH, et al. **Environ Mutagen** 1985;7 Suppl 4:63-72

A review of the International Symposium on Sister Chromatid Exchanges: twenty-five years of experimental research. Tice RR, et al. **Environ Mutagen** 1984;6(5):737-52

Genotoxic activity of nitrosated coal dust extract in mammalian systems. Tucker JD, et al. **Environ Res** 1984 Oct;35(1):171-9

Correction of sister chromatid exchanges in Bloom's syndrome fibroblasts after fusion with cytoplasts from a

Chinese hamster cell line. Yoshida MC, et al. **Exp Cell Res** 1984 Nov;155(1):315–9

Increased sister chromatid exchange frequency in chronic alcoholic users. Hedner K, et al. **Hereditas** 1984; 101(2):265–6

Increased sister chromatid exchanges in human cell lines characterized by monosomy X or structural abnormalities of the X chromosome. Iqbal MA, et al. **Hum Genet** 1984; 68(3):205–8

On the mechanism of differential Giemsa staining of bromodeoxyuridine-substituted chromosomes. II. Differences between the demonstration of sister chromatid differentiation and replication patterns. Speit G, et al. **Hum Genet** 1985;70(2):126–9

Unequal mitotic sister chromatid exchange and different length of Y chromosomes. Wahlström J, et al. **Hum Genet** 1985;70(2):186–8

Sister chromatid exchange and mitotic index of cultured lymphocytes in patients with measles. Pandita TK, et al. **Indian J Pediatr** 1984 Mar–Apr;51(409):145–7

Unequal sister chromatid exchange. A mechanism affecting Ig gene arrangement and expression. Tilley SA, et al. **J Exp Med** 1985 Aug 1;162(2):675–94 (64 ref.)

Temporal peak intensity as a critical parameter in ultrasound dosimetry. Barnett SB, et al. **J Ultrasound Med** 1984 Sep; 3(9):385–9

Sister chromatid exchange and ultrasound. Goss SA. **J Ultrasound Med** 1984 Oct;3(10):463–70 (18 ref.)

Sister chromatid exchanges in fishermen exposed to leaking mustard gas shells [letter] Wulf HC, et al. **Lancet** 1985 Mar 23;1(8430):690–1

Increased sister chromatid exchange in human lymphocyte cultures infected with mycoplasma. Ito-Kuwa S, et al. **Microbiol Immunol** 1984;28(8):893–901

DNA-mediated transfer of a human DNA repair gene that controls sister chromatid exchange. Thompson LH, et al. **Mol Cell Biol** 1985 Apr;5(4):881–4

Sister-chromatid exchanges in lymphocytes and mutagenicity in urine of nurses handling cytostatic drugs. Barale R, et al. **Mutat Res** 1985 Aug–Sep;157(2–3):235–40

Chromosome aberrations and sister-chromatid exchanges (SCEs) in peripheral blood lymphocytes of patients suffering from poliomyelitis. Bhatnagar A, et al. **Mutat Res** 1984 Sep;141(1):55–8

The effect of temperature and cell cycle length on SCE frequency in Rat-1 cells. Crossen PE. **Mutat Res** 1985 Mar; 149(1):101–4

Cytological characterization of repair-deficient CHO cell line 43-3B. I. Induction of chromosomal aberrations and sister-chromatid exchanges by UV and its modulation with 3-aminobenzamide. Darroudi F, et al. **Mutat Res** 1985 Apr; 149(2):239–47

Biological monitoring of workers in the rubber industry. I. Chromosomal aberrations and sister-chromatid exchanges in lymphocytes of vulcanizers. Degrassi F, et al. **Mutat Res** 1984 Oct;138(1):99–103

Increased chromosomal instability in lymphocytes from elderly humans. Dutkowski RT, et al. **Mutat Res** 1985 May; 149(3):505–12

A method for analysing sister-chromatid exchange in mouse preimplantation embryos. Elbling L, et al. **Mutat Res** 1985 Feb–Apr;147(1–2):23–8

Sister-chromatid exchanges in lymphocytes of smokers in an experimental study. Husgafvel-Pursiainen K, et al. **Mutat Res** 1984 Nov–Dec;138(2–3):197–203

Cytogenetic changes induced in human diploid fibroblasts by tsA58 SV40 at permissive and restrictive temperatures. Nichols WW, et al. **Mutat Res** 1985 Jun–Jul; 150(1–2):327–32

Changes in spontaneous SCE frequencies as a function of sampling time in lymphocytes from normal donors and cancer patients. Parkes DJ, et al. **Mutat Res** 1985 Jun; 147(3):113–22

Dose-responsive increase in sister-chromatid exchanges in bone-marrow cells of mice exposed nose-only to whole cigarette smoke. Putman DL, et al. **Mutat Res** 1985 Jun; 156(3):181–6

Sister-chromatid exchange (SCE) report on control subjects in a study of occupationally exposed workers. Soper KA, et al. **Mutat Res** 1984 Oct;129(1):77–88

Induction of sister-chromatid exchanges in human lymphocytes exposed in vitro and in vivo to therapeutic ultrasound. Stella M, et al. **Mutat Res** 1984 Oct; 138(1):75–85

Some factors affecting optimal differential staining of sister-chromatids in vivo in the fish Nothobranchius rachowi. van de Kerkhoff JF, et al. **Mutat Res** 1985 May–Jun;143(1–2):39–43

Structural chromosomal aberration rates and sister-chromatid exchange frequencies in females with type 2 (non-insulin-dependent) diabetes. Vormittag W. **Mutat Res** 1985 Jul;143(3):117–9

Cytogenic analysis of transplantable mouse B16 melanomas. Limon J, et al. **Neoplasma** 1985;32(3):357–68

Chromosomal aberrations, sister chromatid exchange (SCEs) and micronuclei induction with three platinum compounds (cis-DDP, CHIP, CBDCA) in V79 cells in vitro. Plešková I, et al. **Neoplasma** 1984;31(6):655–9

Cells from an immunodeficient patient (46BR) with a defect in DNA ligation are hypomutable but hypersensitive to the induction of sister chromatid exchanges. Henderson LM, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2044–8

Magnetic resonance imaging: absence of in vitro cytogenetic damage. Wolff S, et al. **Radiology** 1985 Apr;155(1):163–5

Diagnostic ultrasound and sister chromatid exchanges: failure to reproduce positive findings. Ciaravino V, et al. **Science** 1985 Mar 15;227(4692):1349–51

Sister chromatid exchanges in Tradescantia paludosa. Andersson HC. **Stain Technol** 1985 Jul;60(4):193–9

A simplified procedure for the observation in situ of chromosome aberrations or sister chromatid exchanges and the estimation of the mitotic index in mammalian monolayer cell cultures. Sideris EG, et al. **Stain Technol** 1984 Jul; 59(4):187–92

Sister chromatid exchanges in human lymphocytes after exposure to pulse-wave ultrasound. Ozawa N, et al. **Tohoku J Exp Med** 1984 Aug;143(4):473–80

[Observation on sister chromatid exchange (SCE) in patients with lung cancer] Liu SJ. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):91–3 (Eng. Abstr.) **(Chi)**

[Study on sister chromatid exchange in patients with esophageal cancer] Liu YC. **Chung Hua Chung Liu Tsa Chih** 1984 Jul;6(4):260–1 (Eng. Abstr.) **(Chi)**

[Preliminary study of sister chromatid exchanges and chromosomal aberrations in the lymphocytes of patients with leukoplakia and oral carcinoma] Li HF, et al. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar;20(2):69–71, 125 (Eng. Abstr.) **(Chi)**

[Sporadic and familial-occurring multiple sclerosis. HLA typing and study of chromosomal sister chromatid exchange rate] Träder JM, et al. **Fortschr Neurol Psychiatr** 1985 Apr;53(4):134–7 (Eng. Abstr.) **(Ger)**

[Incidence of chromosomal aberrations and isochromatin exchange in lymphocytes of women with breast cancer] Lamberti L, et al. **Minerva Ginecol** 1984 Dec;36(12):777–81 (Eng. Abstr.) **(Ita)**

[Development of technics for observation of chromosomes by the differential staining of sister chromatids, high resolution banding and the in situ molecular hybridization] Yosida TH. **Gan To Kagaku Ryoho** 1985 Jun;12(6):1348–55 (Eng. Abstr.) **(Jpn)**

[Sister chromatid exchanges in lymphocytes and smoking habits] Nagaya T, et al. **Nippon Eiseigaku Zasshi** 1984 Jun; 39(2):595–9 (Eng. Abstr.) **(Jpn)**

[Relationship of spontaneous chromosome instability and sister chromatid exchanges in Fanconi's anemia] Nazarenko SA, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):334–6 (Eng. Abstr.) **(Rus)**

[Changes in the level of sister chromatid exchanges in cultured Chinese hamster cells undergoing limited proliferation] Khokhlov AN, et al. **Tsitol Genet** 1985 Mar–Apr;19(2):90–2 (Eng. Abstr.) **(Rus)**

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Chromosome studies in human subjects chronically exposed to arsenic in drinking water. Vig BK, et al. **Am J Ind Med** 1984;6(5):325–38

Monitoring of sister chromatid exchanges in lymphocytes of nurse-anesthetists. Husum B, et al. **Anesthesiology** 1985 Apr;62(4):475–9

Erythrocyte-dependent metabolic activation of styrene and induction of sister chromatid exchange in cultured human lymphocytes. Norppa H, et al. **Arch Toxicol [Suppl]** 1984; 7:286–90

SCE induction by indirect mutagens/carcinogens in metabolically active cultured mammalian cell lines. Abe S. **Basic Life Sci** 1984;29 Pt B:535–45

Enhancement of carcinogen-induced chromosome breakage and sister chromatid exchange by 13-cis-retinoic acid. Auerbach AD, et al. **Basic Life Sci** 1984;29 Pt A:333–41

Elimination of cyclophosphamide-induced SCE in lymphocytes of rats with time post-treatment. Basler A. **Basic Life Sci** 1984;29 Pt B:595–8

Sister chromatid exchange studies in the chick embryo and neonate: actions of mutagens in a developing system. Bloom SE. **Basic Life Sci** 1984;29 Pt B:509–33

The induction of sister chromatid exchanges by environmental pollutants: relationship of SCE to other measures of genetic damage. Brooks AL, et al. **Basic Life Sci** 1984;29 Pt A:385–96

Sister chromatid exchanges in workers exposed to low doses of styrene. Camurri L, et al. **Basic Life Sci** 1984;29 Pt B:957–63

The induction of SCE with relation to specific base methylation of DNA in Chinese hamster cells by N-methyl-N-nitrosourea and dimethylsulfate. Connell JR, et al. **Basic Life Sci** 1984;29 Pt A:343–52

Importance of the mitogen in sister chromatid exchange studies. Deknudt G. **Basic Life Sci** 1984;29 Pt B:695–714

Probing sister chromatid exchange formation with halogenated pyrimidines. DuFrain RJ. **Basic Life Sci** 1984; 29 Pt A:41–58

Active oxygen species at the origin of sister chromatid exchanges. Emerit I. **Basic Life Sci** 1984;29 Pt A:127–40 (55 ref.)

DNA interstrand cross-linking, repair, and SCE mechanism in human cells in special reference to Fanconi anemia. Fujiwara Y, et al. **Basic Life Sci** 1984;29 Pt B:787–800

Ethylene oxide and some factors affecting the mutagen sensitivity of sister chromatid exchange in humans. Garry VF, et al. **Basic Life Sci** 1984;29 Pt B:975–85

The action of anticlastogens on chemically induced SCE. Gebhart E. **Basic Life Sci** 1984;29 Pt A:319–32

Development of rodent peripheral blood lymphocyte culture systems to detect cytogenetic damage in vivo. Kligerman AD, et al. **Basic Life Sci** 1984;29 Pt B:569–84

The effects of hypolipidemic peroxisome proliferators on the induction of sister chromatid exchanges. Linnainmaa K. **Basic Life Sci** 1984;29 Pt B:965–74 (29 ref.)

Persistence of SCE-inducing lesions after G0 exposure of human lymphocytes to differing classes of DNA-damaging chemicals. Littlefield LG, et al. **Basic Life Sci** 1984;29 Pt B:663–76

Accumulation of SCEs in lymphocytes during chronic ingestion of a mutagen. McFee AF, et al. **Basic Life Sci** 1984;29 Pt B:585–94

Detection of SCE in rodent cells using the activated charcoal bromodeoxyuridine system. Morales-Ramírez P, et al. **Basic Life Sci** 1984;29 Pt B:599–611

Effect of bromodeoxyuridine on induced sister chromatid exchanges. Morgan WF, et al. **Basic Life Sci** 1984;29 Pt A:281–92

Proliferative kinetics and chemical-induced sister chromatid exchanges in human lymphocyte cultures. Morimoto K. **Basic Life Sci** 1984;29 Pt B:677–93

Relationships between specific DNA adducts, mutation, cell survival, and SCE formation. Morris SM, et al. **Basic Life Sci** 1984;29 Pt A:353–60

Interrelationships of SCEs, mutation at the HGPRT locus, and toxicity in Chinese hamster V79 cells. Nishi Y, et al. **Basic Life Sci** 1984;29 Pt A:361–84

Sensitivities of peripheral lymphocytes from healthy humans and cancer patients to induction of sister chromatid exchanges by genotoxicants. Oikawa A, et al. **Basic Life Sci** 1984;29 Pt B:813–23

Potentiation of induced sister chromatid exchanges and chromatid-type aberrations by inhibitors of DNA synthesis and repair in G2. Palitti F, et al. **Basic Life Sci** 1984;29 Pt A:313–8

Quantitative predictivity of carcinogenicity for sister chromatid exchanges in vivo. Parodi S, et al. **Basic Life Sci** 1984;29 Pt A:409–29

Quantitative comparison between SCE and transformation frequencies induced by chemical carcinogens in Syrian hamster cells. Popescu NC, et al. **Basic Life Sci** 1984;29 Pt A:397–407

SCE induction by cytostatics and its relation to iatrogenic leukemogenesis. Raposa T. **Basic Life Sci** 1984;29 Pt B:859–84

The mechanism of 3-aminobenzamide-mediated increases in spontaneous and induced SCEs. Schwartz JL, et al. **Basic Life Sci** 1984;29 Pt A:293–304

High induction of sister chromatid exchange and chromosome aberration by 5-bromodeoxyuridine in an ethylmethane-sulfonate-sensitive mouse lymphoma cell mutant (ES 4). Tsuji H, et al. **Basic Life Sci** 1984;29 Pt A:109–25

The SCE test as a tool for cytogenetic monitoring of human exposure to occupational and environmental mutagens. Watanabe T, et al. **Basic Life Sci** 1984;29 Pt B:939–55

Statistical design, analysis, and inference issues in studies using sister chromatid exchange. Whorton EB Jr, et al. **Basic Life Sci** 1984;29 Pt A:431–40

Serum- and plasma-dependent variations of benzo(a)pyrene-induced sister chromatid exchange in human lymphocytes. Wiencke JK, et al. **Basic Life Sci** 1984; 29 Pt B:715–28

The effect of erythrocytes and hemoglobin on sister chromatid exchange induction in cultured human lymphocytes exposed to aniline HC1. Wilmer JL, et al. **Basic Life Sci** 1984;29 Pt B:561–7

Searching for genetic effects of toxic chemicals: chromosomal aberration and sister chromatid exchange. Monteleone P. **Bull Environ Contam Toxicol** 1984 Dec; 33(6):710–25 (4 ref.)

Inhibition of bromodeoxyuridine-associated sister chromatid exchanges in Bloom's syndrome cells with cycloheximide. Shiraishi Y, et al. **Cancer Genet Cytogenet** 1985 May; 17(1):43–54

In vitro short-term testing systems as prescreens for potential carcinogens: simultaneous detection of sister chromatid exchanges and mutation response in a cell-mediated assay with V79 cells. Nayak BN, et al. **Cancer Lett** 1985 May; 27(1):71–9

Lack of induction of sister chromatid exchanges and of mutation to 6-thioguanine resistance in V79 cells by butylated hydroxyanisole with and without activation by rat or hamster hepatocytes. Rogers CG, et al. **Cancer Lett** 1985 May;27(1):61–9

Sister chromatid exchange induction in human lymphocytes exposed to benzene and its metabolites in vitro. Erexson GL, et al. **Cancer Res** 1985 Jun;45(6):2471–7

Synergistic interaction between hydroquinone and acetaldehyde in the induction of sister chromatid exchange in human lymphocytes in vitro. Knadle S. **Cancer Res** 1985 Oct;45(10):4853–7

Effect of diethylstilbestrol on the frequencies of sister chromatid exchange in vitro and in vivo. Mehnert K, et al. **Cancer Res** 1985 Aug;45(8):3626–30

Long-term persistence of ethyl carbamate-induced sister chromatid exchanges in murine lymphocytes. Neft RE, et al. **Cancer Res** 1985 Sep;45(9):4115–21

Chromosome damage induced by vinyl acetate through in vitro formation of acetaldehyde in human lymphocytes and Chinese hamster ovary cells. Norppa H, et al. **Cancer Res** 1985 Oct;45(10):4816-21

Correlations between intercalator-induced DNA strand breaks and sister chromatid exchanges, mutations, and cytotoxicity in Chinese hamster cells. Pommier Y, et al. **Cancer Res** 1985 Jul;45(7):3143-9

Prediction of in vivo tumor response to chemotherapeutic agents by the in vitro sister chromatid exchange assay. Tofilon PJ, et al. **Cancer Res** 1985 May;45(5):2025-30

N-Methyl-N-nitrosourea potentiation of cytogenetic damage induced by 1,3-bis(2-chloroethyl)-1-nitrosourea in normal human lymphocytes. Wiencke JK, et al. **Cancer Res** 1985 Oct;45(10):4798-803

Sister chromatid exchanges induced by cancer chemotherapeutic agents in vitro and in vivo: consideration of the hazard of drugs as possible mutagens and carcinogens causing second malignancies. Abe T, et al. **Cancer Treat Rep** 1985 May;69(5):505-14

Cordycepin reduces the sensitivity of BALB/Mo mouse lymphocytes to the induction of sister chromatid exchanges. Majone F, et al. **Carcinogenesis** 1985 Jan;6(1):131-4

Different efficiencies of interaction between 3-aminobenzamide and various monofunctional alkylating agents in the induction of sister chromatid exchanges. Schwartz JL, et al. **Carcinogenesis** 1985 May;6(5):699-704

Persistence of cyclophosphamide-induced damage in bone marrow as indicated by sister chromatid exchange analysis. Takeshita T, et al. **Carcinogenesis** 1985 Aug;6(8):1097-102

Detection of a deuterium isotope effect in di- and trisubstituted alkylphenylnitrosoureas. An SCE study in Chinese hamster V79-E cells. Thust R, et al. **Carcinogenesis** 1985 Jun;6(6):873-6

Effect of herbicide 2,4,5-trichlorophenoxyethanol (TCPE) containing dioxin on mutation and induction of sister chromatid exchanges. Tóth K, et al. **Carcinogenesis** 1984 Dec;5(12):1725-8

Mutagenicity of urine and faeces after treatment of rats with known genotoxins. Willems MI, et al. **Carcinogenesis** 1985 Jul;6(7):967-76

Caffeine induces sister-chromatid exchanges during the whole S-phase of the cell cycle. Hernandez P, et al. **Chromosoma** 1985;92(3):214-7

Bloom's syndrome and EM9 cells in BrdU-containing medium exhibit similarly elevated frequencies of sister chromatid exchange but dissimilar amounts of cellular proliferation and chromosome disruption. Ray JH, et al. **Chromosoma** 1984;90(5):383-8

Strand breaks arising from the repair of the 5-bromodeoxyuridine-substituted template and methyl methanesulphonate-induced lesions can explain the formation of sister chromatid exchanges. Saffhill R, et al. **Chromosoma** 1985;92(3):218-24

A twin study of sister chromatid exchanges in human lymphocytes following carcinogen exposure and DNA repair incubation. Hedner K, et al. **Cytogenet Cell Genet** 1984;38(3):189-91

3-Aminobenzamide-induced sister chromatid exchanges are dependent on incorporated bromodeoxyuridine in DNA. Zwanenburg TS, et al. **Cytogenet Cell Genet** 1984;38(4):278-81

Development of a standard protocol for in vitro cytogenetic testing with Chinese hamster ovary cells: comparison of results for 22 compounds in two laboratories. Galloway SM, et al. **Environ Mutagen** 1985;7(1):1-51

Influence of retinol on carcinogen-induced sister chromatid exchanges and chromosome aberrations in V79 cells. Qin S, et al. **Environ Mutagen** 1985;7(2):137-46

SCE induction is uncoupled from mutation induction in mammalian cells following exposure to ethylnitrosourea (ENU). Stetka DG Jr, et al. **Environ Mutagen** 1985;7(2):233-43

Metabolic activation of procarcinogens to genotoxic products in cultured rat liver cells. Murison GL, et al. **Exp Cell Biol** 1984;52(6):355-60

Investigation of coffee in sister chromatid exchange and micronucleus tests in vivo. Aeschbacher HU, et al. **Food Chem Toxicol** 1984 Oct;22(10):803-7

Genotoxicity testing of cigarette-smoke condensate in the SCE and HGPRT assays with V79 Chinese hamster cells. Jongen WM, et al. **Food Chem Toxicol** 1985 Jun;23(6):603-7

Chromosomal studies in diabetic patients treated with chlorpropamide. Kulkarni PS, et al. **Food Chem Toxicol** 1985 Jun;23(6):625-8

Induction of sister chromatid exchanges by mitomycin C in lymphocytes of young and old human donors. Musilová J, et al. **Gerontology** 1984;30(6):365-70

In vivo sister chromatid exchanges in amphibia--a convenient model for mutagenicity bioassay. Chakrabarti S, et al. **Indian J Exp Biol** 1984 Jul;22(7):347-9

Cytogenetic effects of paraoxon and methyl-parathion on cultured human lymphocytes: SCE, clastogenic activity and cell cycle delay. Singh S, et al. **Int Arch Occup Environ Health** 1984;54(3):195-200

Effects of antioxidants on oxidant-induced sister chromatid exchange formation. Weitberg AB, et al. **J Clin Invest** 1985 Jun;75(6):1835-41

Increased rates of sister chromatid exchanges induced by the herbicide 2,4-D. Turkula TE, et al. **J Hered** 1985 May-Jun;76(3):213-4

Sister chromatid exchange in patients treated with methotrexate for psoriasis. Lindskov R, et al. **J Invest Dermatol** 1984 May;82(5):458-9

Bacterial and mammalian cell mutagenesis, sister-chromatid exchange, and mouse lung adenoma bioassay with the antineoplastic acridine derivative amsacrine. de la Iglesia FA, et al. **J Toxicol Environ Health** 1984;14(5-6):667-81

The genetic effects of the photochemical reaction products of propylene plus NO2 on cultured Chinese hamster cells exposed in vitro. Shiraishi F, et al. **J Toxicol Environ Health** 1985;15(3-4):531-8

Estrogen effects on sister chromatid exchanges in mouse uterine cervical and kidney cells. Hillbertz-Nilsson K, et al. **JNCI** 1985 Sep;75(3):575-80

Sister chromatid exchanges induced in human lymphocytes by cis-diamminedichloroplatinum (II). Tominaga K, et al. **Jpn J Clin Oncol** 1984 Dec;14(4):659-65

Prediction of the relative in vitro sensitivity of 9L rat brain tumor cells to nitrosoureas by the sister chromatid exchange assay. Tofilon PJ, et al. **Life Sci** 1984 Oct 8;35(15):1611-4

Sister chromatid exchanges in leukaemic children receiving chemotherapy. Kowalczyk J. **Mater Med Pol** 1984 Jan-Mar;16(1):50-2

Sister chromatid exchanges in leukaemic children receiving chemotherapy. Kowalczyk J. **Mater Med Pol** 1984 Jan-Mar;16(1):50-2

Chromosomal damage induced in human lymphocytes by medroxyprogesterone acetate treatment for precocious puberty. Lovell MM, et al. **Medicina (B Aires)** 1984;44(2):163-6

Sister chromatid exchanges induced by sarcolysine in human lymphocytes in vitro. Moraru I, et al. **Morphol Embryol (Bucur)** 1985 Jan-Mar;31(1):5-7

Induction in human skin fibroblasts of sister-chromatid exchanges (SCEs) by photoaddition of two new monofunctional pyridopsoralens in comparison to 3-carbethoxypsoralen and 8-methoxypsoralen. Billardon C, et al. **Mutat Res** 1984 Oct;138(1):63-70

Comparison of sister-chromatid exchange induction caused by nitrosoureas that alkylate or alkylate and crosslink DNA. Bodell WJ, et al. **Mutat Res** 1985 Mar;149(1):95-100

Induction of SCEs by some pyrrolizidine alkaloids in V79 Chinese hamster cells co-cultured with chick embryo hepatocytes. Bruggeman IM, et al. **Mutat Res** 1985 Apr;142(4):209-12

Lack of activity of the bacterial mutagen emodin in HGPRT and SCE assay with V79 Chinese hamster cells. Bruggeman IM, et al. **Mutat Res** 1984 Nov-Dec;138(2-3):219-24

Rifampicin-induced chromatid exchanges in Sarcoma-180 mouse ascites cells. Chaudhuri A, et al. **Mutat Res** 1984 Nov-Dec;141(3-4):171-3

Induction of sister-chromatid exchanges in cultured human lymphocytes by Aldicarb, a carbamate pesticide. Cid MG, et al. **Mutat Res** 1984 Nov-Dec;138(2-3):175-9

In vitro studies of biological effects of cigarette smoke condensate. I. Genotoxic and cytotoxic effects of neutral, semivolatile constituents. Curvall M, et al. **Mutat Res** 1985 Aug-Sep;157(2-3):169-80

A mutagenesis-enhancing activity of 12-O-tetradecanoylphorbol 13-acetate detected in Chinese hamster ovary cells. Dewdney RS, et al. **Mutat Res** 1984 Oct;129(1):119-27

Sister-chromatid exchanges and chromosomal aberrations in a population exposed to pesticides. Dulout FN, et al. **Mutat Res** 1985 Aug;143(4):237-44

Abnormal development and transport and increased sister-chromatid exchange in preimplantation embryos following superovulation in mice. Elbling L, et al. **Mutat Res** 1985 Aug;147(4):189-95

Induction of sister-chromatid exchanges (SCEs) by 5-fluorodeoxyuridine. The role of 5-bromodeoxyuridine incorporated into parental DNA. Escalza P, et al. **Mutat Res** 1985 Aug;151(1):77-82

In vitro and occupational induction of sister-chromatid exchanges in human lymphocytes with furfuryl alcohol and furfural. Gomez-Arroyo S, et al. **Mutat Res** 1985 Jun;156(3):233-8

BrdUrd-dependent sister-chromatid exchanges are increased at high oxygen tension. Gutiérrez C, et al. **Mutat Res** 1985 Apr;142(4):213-6

Sister-chromatid exchanges and chromosomal aberrations in lymphocytes of male albino rats treated with an alkylating agent, apholate (NSC 26, 812; ENT 26, 316). Haqqi TM. **Mutat Res** 1984 Nov-Dec;141(3-4):175-81

Sister-chromatid exchanges in human lymphocytes after a non-S-phase incubation period to allow excision DNA repair-in vitro exposure to N-acetoxy-2-acetylaminofluorene and ethylene oxide. Hedner K, et al. **Mutat Res** 1984 Oct;129(1):71-6

SCE in lymphocytes of patients treated with single, large doses of diazepam. Husum B, et al. **Mutat Res** 1985 Jan-Feb;155(1-2):71-3

Induction of sister-chromatid exchanges by N-nitrosocimetidine in cultured human lymphocytes and its inhibition by chemical compounds. Inoue K, et al. **Mutat Res** 1985 Apr-May;156(1-2):117-21

A study of the frequency of sister-chromatid exchange and of thioguanine-resistant cells in mouse spleen lymphocytes after in vivo exposure to ethylnitrosourea. Jones IM, et al. **Mutat Res** 1985 Aug;143(4):245-9

Dependency of the yield of sister-chromatid exchanges induced by alkylating agents on fixation time. Possible involvement of secondary lesions in sister-chromatid exchange induction. Kaina B, et al. **Mutat Res** 1985 May;149(3):451-61

The interrelationship between SCE induction, cell survival, mutagenesis, aberration formation and DNA synthesis inhibition in V79 cells treated with N-methyl-N-nitrosourea or N-methyl-N'-nitro-N-nitrosoguanidine. Kaina B. **Mutat Res** 1985 Jan-Feb;142(1-2):49-54

Ultraviolet-light exposure induces a heritable sensitivity to the induction of SCE by mitomycin-C. Kim JP, et al. **Mutat Res** 1985 May;149(3):437-42

Induction of sister-chromatid exchange (SCE) and cell-cycle inhibition in mouse peripheral blood B lymphocytes exposed to mutagenic carcinogens in vivo. Kligerman AD, et al. **Mutat Res** 1985 Aug-Sep;157(2-3):181-7

Effect of 5-azacytidine (5-azaC) on the induction of chromatid aberrations (CA) and sister-chromatid exchanges (SCE). Lavia P, et al. **Mutat Res** 1985 May;149(3):463-7

Differential enhancement of sister-chromatid exchange frequencies by alpha-naphthoflavone in cultured lymphocytes from smokers and non-smokers. Lundgren K, et al. **Mutat Res** 1985 Jul;143(3):131-5

Increased SCE inducibility by low doses of methylcholanthrene in lymphocytes obtained from patients with Down's disease. Major J, et al. **Mutat Res** 1985 Mar;149(1):51-5

Measurements of chemical carcinogen-induced sister-chromatid exchanges in a whole organ in vitro. Manoharan K, et al. **Mutat Res** 1985 Aug;147(4):165-9

Differences in the induction of SCEs between human whole blood cultures and purified lymphocyte cultures and the effect of an S9 mix. Mehnert K, et al. **Mutat Res** 1984 Dec;130(6):403-10

Synergistic induction of sister-chromatid exchanges in lymphocytes from normal subjects and from patients under cytostatic therapy by inhibitors of poly(ADP-ribose)polymerase and antitumour agents. Mourelatos D, et al. **Mutat Res** 1985 Aug;143(4):225-30

Induction of sister-chromatid exchanges by restriction endonucleases. Natarajan AT, et al. **Mutat Res** 1985 Sep;144(1):33-9

Fluorodeoxyuridine-induced sex differences in baseline sister-chromatid exchanges in C57BL/6 mice and Chinese hamsters. Nayak BN. **Mutat Res** 1985 May-Jun;143(1-2):45-9

Induction of superoxide dismutase, chromosomal aberrations and sister-chromatid exchanges by paraquat in Chinese hamster fibroblasts. Nicotera TM, et al. **Mutat Res** 1985 Sep;151(2):263-8

Influençe of Neurospora endonuclease on trenimon-induced structural chromosomal aberrations and sister-chromatid exchanges in human peripheral lymphocytes and Chinese hamster ovary cells. Nowak C, et al. **Mutat Res** 1985 May;149(3):469-74

The ability of bifunctional and monofunctional pyrrole compounds to induce sister-chromatid exchange (SCE) in human lymphocytes and mutations in Salmonella typhimurium. Ord MJ, et al. **Mutat Res** 1985 May;149(3):485-93

The relationship between the levels of DNA-hydrocarbon adducts and the formation of sister-chromatid exchanges in Chinese hamster ovary cells treated with derivatives of polycyclic aromatic hydrocarbons. Pal K. **Mutat Res** 1984 Dec;129(3):365-72

A new method for sister-chromatid exchange studies in vivo, a single injection of BrdU in melted agar. Qin S, et al. **Mutat Res** 1984 Nov-Dec;141(3-4):189-93

Sister-chromatid exchange induction by sodium selenite: reduced glutathione converts Na2SeO3 to its SCE-inducing form. Ray JH. **Mutat Res** 1984 Sep;141(1):49-53

Cytogenetic damage in workers exposed to ethylene oxide. Sarto F, et al. **Mutat Res** 1984 Nov-Dec;138(2-3):185-95

Differential induction of sister-chromatid exchanges by benzo[a]pyrene in variant mouse hepatoma cells. Schaefer EL, et al. **Mutat Res** 1985 May-Jun;143(1-2):69-74

The use of sister-chromatid exchange in Chinese hamster primary lung cell cultures to measure genotoxicity. Shimizu RW, et al. **Mutat Res** 1984 Oct;130(5):333-42

Correspondence between effects of 5-azacytidine on SCE formation, cell cycling and DNA methylation in Chinese hamster cells. Shipley J, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):333-45

Isolation of Chinese hamster cells hyposensitive to ethyl methanesulfonate and their characterization in induction and antagonization of sister-chromatid exchanges. Sono A, et al. **Mutat Res** 1984 Nov;129(2):181-94

Kinetics of sister-chromatid exchange induction by different carcinogens in C57BL/6J and DBA/2 mice. Sozzi G, et al. **Mutat Res** 1985 Jun;156(3):177-80

Sister-chromatid exchanges in association with occupational exposure to ethylene oxide. Stolley PD, et al. **Mutat Res** 1984 Oct;129(1):89-102

Induction of chromosome aberrations and sister-chromatid exchanges in CHO-K1 cells by o-phenylphenol. Tayama-Nawai S, et al. **Mutat Res** 1984 Oct;141(2):95-9

Chromosome aberrations and sister-chromatid exchange frequencies in pathology staff occupationally exposed to formaldehyde. Thomson EJ, et al. **Mutat Res** 1984 Oct;141(2):89-93

Antagonizing effect of 3-aminoharman on induction of sister-chromatid exchanges by mutagens. Tohda H, et al. **Mutat Res** 1984 Oct;129(1):63-9

Detection of sister-chromatid exchanges in human peripheral lymphocytes induced by ethylene dibromide vapor. Tucker JD, et al. **Mutat Res** 1984 Oct;138(1):93-8

Induction of sister-chromatid exchanges and chromosome aberrations in human peripheral lymphocytes by 2,4,7-trinitro-9-fluorenone. Tucker JD, et al. **Mutat Res** 1984 Nov-Dec;138(2-3):181-4

Effects of nitrilotriacetic acid on the induction of gene mutations and sister-chromatid exchanges by insoluble chromium compounds. Venier P, et al. **Mutat Res** 1985 Jun;156(3):219-28

Spontaneous and mutagen-induced sister chromatid exchange in motor neurone disease. Vijayalaxmi, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):355-8

Induction of 6-thioguanine-resistant mutants and SCEs by 3 chemical mutagens (EMS, ENU and MMC) in cultured human blood lymphocytes. Vijayalaxmi, et al. **Mutat Res** 1984 Nov;129(2):283-9

The effect of vitamin C on oxygen radical-induced sister chromatid exchanges. Weitberg AB, et al. **Mutat Res** 1985 Sep;144(1):23-6

Induction of sister chromatid exchanges and gene mutations in Chinese hamster ovary cells by psoralens. Loveday KS, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:149-55

Malignant transformation of Bloom syndrome B-lymphoblastoid cell lines by carcinogens. Shiraishi Y, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5102-6

Prostaglandins act synergistically with antitumour agents on induction of sister chromatid exchanges in human lymphocytes. Dozi-Vassiliades J, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):55-9

Induction of chromosome aberrations and specific locus mutation but not sister chromatid exchanges in Chinese hamster ovary cells by neocarzinostatin. Au WW, et al. **Teratogenesis Carcinog Mutagen** 1984;4(6):515-22

Sister-chromatid exchanges and chromosome aberrations in lymphocytes from monkeys exposed to ethylene oxide and propylene oxide by inhalation. Lynch DW, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):85-95

Effects of smoking on spontaneous and induced sister chromatid exchanges in lymphocytes. Nagaya T, et al. **Toxicol Lett** 1985 Jun;25(3):293-6

Enhancement of induced sister chromatid exchange and chromosomal aberrations by inhibitors of DNA repair processes. Palitti F, et al. **Toxicol Pathol** 1984;12(3):269-73

[Sister chromatid exchange frequency of bone marrow cells and its response to indirubin in chronic myeloid leukemia] Feng BZ. **Chung Hua Chung Liu Tsa Chih** 1984 Sep; 6(5):357-60 (Eng. Abstr.) **(Chi)**

[Influence of sodium selenite on the number of sister chromatid exchanges in V 79 cells induced by N-methyl-N-nitronitrosoguanidine (MNNG) and N-methyl-N-nitrosourea (MNU)] Hu GG. **Chung Hua Chung Liu Tsa Chih** 1985 Jan;7(1):22-5 (Eng. Abstr.) **(Chi)**

[A method for the detection of sister chromatid exchange using chick embryo cells in vivo] Chu GX, et al. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Sep; 18(5):279-81 (Eng. Abstr.) **(Chi)**

[Short-term cell transformation tests for N,N'-methylene-bis(2-amino-1,3,4-thiadiazole), N,N'-methylene-bis-(2-amino-5-sulfhydryl-1,3,4-thiazole) and relation with sister chromatid exchange and chromosome aberration] Fu ZD. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 May; 18(3):146-50 (Eng. Abstr.) **(Chi)**

[Induction of sister chromatid exchanges in human peripheral blood lymphocytes treated with Chinese chrysotile asbestos] Hong CF, et al. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1985 Jan;19(1):14-5 (Eng. Abstr.) **(Chi)**

[Effect of indirubin on SCE frequencies of BM cells in chronic myeloid leukemia] Feng BZ, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Aug; 6(4):308-10 (Eng. Abstr.) **(Chi)**

[Effect of gossypol acetic acid on induction of sister chromatid exchange of spermatogonial cell in mice] Wang RL, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec; 5(4):264-7 (Eng. Abstr.) **(Chi)**

[Effect of gossypol acetic acid on the induction of sister chromatid exchange of spermatogonial cell in mice] Wang RL, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec; 5(4):264-7 (Eng. Abstr.) **(Chi)**

[Sister chromatid exchanges induced in human lymphocyte chromosomes by trifluralin, atrazine and simazine] Ghiazza G, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2149-53 (Eng. Abstr.) **(Ita)**

[Evaluation of the effect of cloxacillin on human lymphocyte chromosomes through the study of karyotypic changes and sister chromatid exchanges] Zavarise G, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2143-8 (Eng. Abstr.) **(Ita)**

[Evaluation of the mutagenic properties of mitomycin C by the sister chromatid exchange test in human blood lymphocytes in vitro] Bajerska A, et al. **Med Pr** 1984; 35(3):195-200 (Eng. Abstr.) **(Pol)**

[Effect of interferon on the formation of sister chromatid exchanges and DNA reparative synthesis in the leukocytes of Marfan's syndrome patients defective in the repair of induced DNA damage] Makedonov GP, et al. **Dokl Akad Nauk SSSR** 1984;279(2):484-7 **(Rus)**

[Distribution of spontaneous and 8-methoxypsoralen-induced sister chromatid exchanges along the length of the 1st chromosome of Chinese hamster cells] Evgrafov OV, et al. **Genetika** 1985 Apr;21(4):586-90 (Eng. Abstr.) **(Rus)**

[Comparison of the level of sister chromatid exchanges and chromosome aberrations induced by chemical mutagens in vitro and in vivo] Shcheglova EG, et al. **Tsitol Genet** 1985 Jan-Feb;19(1):20-3 (Eng. Abstr.) **(Rus)**

[Comparative effectiveness in the induction of sister chromatid exchanges and chromosome aberrations] Shcheglova EG, et al. **Tsitol Genet** 1984 Sep-Oct; 18(5):364-8 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Sister chromatid exchange (SCE) induced by laser-UV-microirradiation: correlation between the distribution of photolesions and the distribution of SCEs. Raith M, et al. **Basic Life Sci** 1984;29 Pt A:181-97

Persistence of DNA lesions and the cytological cancellation of sister chromatid exchanges. Schvartzman JB, et al. **Chromosoma** 1985;92(1):7-10

Effects of ionizing radiation on chromosome aberrations, sister chromatid exchanges and micronuclei in lymphocytes of smokers and nonsmokers. Stenstrand K. **Hereditas** 1985; 102(1):71-6

Chromosomal consequences of irradiation of human lymphocytes during S-phase, with special reference to chromatid exchanges. Antoine JL, et al. **Mutat Res** 1984 Nov;129(2):173-9

Induction of sister-chromatid exchanges in ICR 2A frog cells exposed to 265-313 nm monochromatic ultraviolet wavelengths and photoreactivating light. Chao CC, et al. **Mutat Res** 1985 May;149(3):443-50

Comparative studies on photoreactivation of ultraviolet light-induced T4 endonuclease susceptible sites and sister-chromatid exchanges in Potorous cells. Ishizaki K, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):91-7

Ultraviolet light and mitomycin C induced sister-chromatid exchanges in fibroblasts from patients with retinoblastoma. Takabayashi T, et al. **Mutat Res** 1984 Oct;141(2):101-4

Influence of incorporated bromodeoxyuridine on the induction of chromosomal alterations by ionizing radiation and long-wave UV in CHO cells. Zwanenburg TS, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):283-92

Induction of sister-chromatid exchanges in ICR 2A frog cells exposed to 254 nm and solar UV wavelengths. Chao CC, et al. **Photochem Photobiol** 1985 May;41(5):625-7

Sister chromatid exchanges and chromosome aberrations in human cells induced by H2O2 and other photoproducts generated in fluorescent light-exposed medium. Estervig D, et al. **Photochem Photobiol** 1984 Sep;40(3):333-6

Sister chromatid exchange frequency in human lymphocytes exposed to ionizing radiation in vivo and in vitro. Gundy S, et al. **Radiat Res** 1984 Oct;100(1):47-54

SITOSTEROLS

ANALYSIS

Diet, nutrition intake, and metabolism in populations at high and low risk for colon cancer. Dietary cholesterol, beta-sitosterol, and stigmasterol. Nair PP, et al. **Am J Clin Nutr** 1984 Oct;40(4 Suppl):927-30

BLOOD

Role of sterols, other than cholesterol in the pathogenesis of human diseases. Bhattacharyya AK. **J La State Med Soc** 1984 Aug;136(8):32-4

Synthesis and structure of 26 (or 27)-nor-5 beta-cholestane-3 alpha,7 alpha,12 alpha,24S,25 xi-pentol isolated from the urine and feces of a patient with sitosterolemia and xanthomatosis. Dayal B, et al. **J Lipid Res** 1985 Mar; 26(3):298-305

Increased plasma cholestanol and 5 alpha-saturated plant sterol derivatives in subjects with sitosterolemia and xanthomatosis. Salen G, et al. **J Lipid Res** 1985 Feb; 26(2):203-9

CHEMICAL SYNTHESIS

A facile synthesis of [3 alpha-3 H]beta -sitosterol. Dayal B, et al. **Steroids** 1983 Dec;42(6):635-40

ISOLATION & PURIFICATION

Detection in extracts of bovine brain of lipophilic complexes of sulfate esters of cholesterol and beta-sitosterol. Prasad VV, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2657-9

METABOLISM

Evaluation of the contribution of dietary cholesterol to hypercholesterolemia in diabetic rats and of sitosterol as a recovery standard for cholesterol absorption. Young NL, et al. **J Lipid Res** 1985 Jan;26(1):62-9

PHARMACODYNAMICS

[Effect of beta-sitosterol incorporated into liposomes on several indicators of lipid metabolism in experimental hypercholesteremia in rats] Datsenko ZM, et al. **Vopr Med Khim** 1984;30(6):33-8 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

[Hypolipidemic action of liposome-incorporated beta-sitosterol on rats] Mironova VN, et al. **Farmakol Toksikol** 1984 Jul-Aug;47(4):71-4 (Eng. Abstr.) **(Rus)**

SITS see under **STILBENES**

SITUATIONAL ETHICS see **ETHICS**

SITUATIONAL THERAPY see **SOCIOENVIRONMENTAL THERAPY**

SITUS INVERSUS

[Case of Zellweger syndrome with situs inversus of the viscera] Parcheta B, et al. **Pol Tyg Lek** 1984 Apr 16; 39(16):545-7 (Eng. Abstr.) **(Pol)**

COMPLICATIONS

Surgical approach to corrected transposition of the great vessels and situs inversus [I, D, D] with ventricular septal defect and systemic atrioventricular valve regurgitation. Watson DC, et al. **Ann Thorac Surg** 1984 Nov;38(5):520-1

Liver metastasis from embryonal carcinoma of the ovary with complete situs inversus. First reported case and review of literature. Abdel-Dayem HM, et al. **Clin Nucl Med** 1984 Oct;9(10):558-60 (15 ref.)

A patient with situs inversus totalis and embryonal carcinoma of the ovary [letter] Talerman A. **Gynecol Oncol** 1984 Nov; 19(3):371-2

[Congenital malformation concomitant with eventration of the diaphragmatic muscle] Petriglieri P, et al. **Arch Ital Anat Embriol** 1984 Jan-Mar;89(1):55-60 (Eng. Abstr.) **(Ita)**

[Acute lithiasic cholecystitis, situs viscerum inversus, vena porta preduodenale (considerations on a clinical case)] Amadio M, et al. **Chir Ital** 1982 Oct;34(5):779-88 (Eng. Abstr.) **(Ita)**

[Pancreas head carcinoma associated with situs inversus viscerum totalis] Sakaguchi O, et al. **Nippon Geka Gakkai Zasshi** 1985 Jan;86(1):111-5 (Eng. Abstr.) **(Jpn)**

[Situs inversus of the viscera in a newborn infant with with coexistent congenital heart disease] Karkowski M. **Wiad Lek** 1984 Jun 15;37(12):941-3 (Eng. Abstr.) **(Pol)**

[Cholelithiasis complicated by mechanical jaundice and situs inversus of the internal organs] Azbukin AO. **Khirurgiia (Mosk)** 1984 Jul;(7):137-8 **(Rus)**

DIAGNOSIS

[Incomplete embryonal torsion of the intestines in adults] Livshits IuG, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):127-8 **(Rus)**

[Acute appendicitis in complete situs inversus of the internal organs] Samofalov VP, et al. **Sov Med** 1984;(10):113-4 **(Rus)**

PATHOLOGY

[A case of situs inversus viscerum totalis associated with various abnormalities] Taniya S, et al. **Kaibogaku Zasshi** 1984 Apr;59(2):94-103 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

Echographic features of tilted optic disk. Singh J. **Ann Ophthalmol** 1985 Jun;17(6):382-4

RADIOGRAPHY

Anatomically corrected malposition of the great arteries in situs ambiguus with polysplenia [letter] Salazar J, et al. **Pediatr Cardiol** 1985;6(1):53-5

RADIONUCLIDE IMAGING

Scintiphotographic patterns of liver and spleen in a case of situs inversus evaluated by 99mTc-tin colloid. Al-Hissoni MH, et al. **Eur J Nucl Med** 1985;10(3-4):175-7

VETERINARY

Situs inversus in homozygous mice without immotile cilia. Handel MA, et al. **J Hered** 1984 Nov-Dec;75(6):498

SIZE PERCEPTION

Facilitation of length discrimination using real and imaged context frames. Freyd JJ, et al. **Am J Psychol** 1984 Fall; 97(3):323-41

Effect of distance instructions on size judgments. Pasnak R, et al. **Am J Psychol** 1985 Summer;98(2):297-304

Direct estimation considered within a comparative judgment framework. Smith J, et al. **Am J Psychol** 1984 Fall; 97(3):343-58

Judgments of size and distance with imaging displays. Roscoe SN. **Hum Factors** 1984 Dec;26(6):617-29

An investigation of hemispheric specialization and visual event related potentials in discriminations of line length. Andreassi JL, et al. **Int J Psychophysiol** 1984 Nov; 2(2):87-95

Area-matching strategies used by young children. Silverman IW, et al. **J Exp Child Psychol** 1984 Dec;38(3):464-74

Size illusion, distance illusion, and terrestrial passage: comment on reed. Loftus GR. **J Exp Psychol [Gen]** 1985 Mar;114(1):119-21

Context effects in symbolic magnitude comparisons. Cech CG, et al. **J Exp Psychol [Learn Mem Cogn]** 1985 Apr; 11(2):299-315

Task and size effects in the Oppel-Kundt and Irradiation illusions. Long GM, et al. **J Gen Psychol** 1984 Oct;111(2ND Half):229-40

Bisecting rods and lines: effects of horizontal and vertical posture on left-side underestimation by normal subjects. Bradshaw JL, et al. **Neuropsychologia** 1985;23(3):421-5

Distorted cognitive maps: college students' misperceptions of nation size. Fryman JF, et al. **Percept Mot Skills** 1985 Apr;60(2):419-23

Visual pattern recognition: size preprocessing re-examined. Besner D. **Q J Exp Psychol [A]** 1983 Feb;35 (Pt 1):209-16

Müller-Lyer: illusion of size or position? Stuart GW, et al. **Q J Exp Psychol [A]** 1984 Nov;36(4):663-72

[Familiar and assumed size as signal of distance and depth perception] Bredenkamp J. **Arch Psychol (Frankf)** 1984; 136(2):89-105 (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

The effects of task performance on ocular accommodation and perceived size. Gawron VJ, et al. **Aviat Space Environ Med** 1985 Mar;56(3):225-32

Hemispheric advantages and shifts of laterality differences in visual and tactual modalities. Streitfeld B. **Int J Neurosci** 1985 Jan;25(3-4):245-54

SJOGREN-LARSSON SYNDROME see **ICHTHYOSIS**

SJOGREN'S SYNDROME

Complete heart block in a fetus associated with maternal Sjögren's syndrome. Veille JC, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):660-1

BLOOD

Serum C-reactive protein in primary Sjögren's syndrome. Moutsopoulos HM, et al. **Clin Exp Rheumatol** 1983 Jan-Mar;1(1):57-8

Lewis blood type frequency in patients with primary Sjögren's syndrome. A prospective study including analyses for A1A2BO, Secretor, MNSs, P, Duffy, Kell, Lutheran and rhesus blood groups. Manthorpe R, et al. **Scand J Rheumatol** 1985;14(2):159-62

CEREBROSPINAL FLUID

Polymorphous exudates and atypical mononuclear cells in the cerebrospinal fluid of patients with Sjögren's syndrome. de la Monte S, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug; 29(4):634-7

CLASSIFICATION

Sjögren's syndrome [letter] Manthorpe R, et al. **Ann Intern Med** 1985 Oct;103(4):640-1

COMPLICATIONS

Inclusion body myositis and Sjogren's syndrome. Gutmann L, et al. **Arch Neurol** 1985 Oct;42(10):1021-2

Mixed connective tissue disease, Sjögren's syndrome, and abdominal pseudolymphoma. Frayha RA, et al. **Br J Rheumatol** 1985 Feb;24(1):70-3

Association of Sjögren's syndrome with psoriatic arthritis [letter] Rodriguez de la Serna A, et al. **Can Med Assoc J** 1984 Dec 1;131(11):1329, 1332

Sjögren's syndrome presenting with hypereosinophilia, lymphopenia and circulating immune complexes. Farnam J, et al. **Clin Exp Rheumatol** 1984 Jan-Mar;2(1):41-6

Sjögren's syndrome and Crohn's disease. Gainey R, et al. **Clin Exp Rheumatol** 1985 Jan-Mar;3(1):67-9

Sjogren's syndrome in a male with fatal complications. Dean DH, et al. **J Oral Med** 1985 Apr-Jun;40(2):81-3

Sjögren's syndrome with abnormal manifestations of the gallbladder and central nervous system. Tanaka K, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb;4(1):148-51

Aseptic meningitis, trimethoprim, and Sjögren's syndrome [letter] de la Monte SM, et al. **JAMA** 1985 Apr 19; 253(15):2192

B cell malignant lymphoma in a patient with progressive systemic sclerosis and Sjögren's syndrome. Report of a case and review of the literature. Sugai S, et al. **Jpn J Med** 1985 May;24(2):155-63

Selective antibody deficiency and recurrent pneumococcal bacteremia in a patient with Sjögren's syndrome, hyperimmunoglobulinemia G, and deficiencies of IgG2 and IgG4. Matter L, et al. **N Engl J Med** 1985 Apr 18; 312(16):1039-42

Selective antibody deficiency and recurrent pneumococcal bacteremia in a patient with Sjögren's syndrome, hyperimmunoglobulinemia G, and deficiencies of IgG2 and IgG4 [letter] Slade HB, et al. **N Engl J Med** 1985 Oct 3;313(14):891

Sjögren's syndrome associated with chronic lymphocytic leukemia. Bán A, et al. **Panminerva Med** 1984 Jul-Sep; 26(3):209-12

Pulmonary polymorphic centroblastic type malignant lymphoma in a patient with lymphomatoid granulomatosis, Sjögren syndrome and other manifestations of a dysimmune state. Capron F, et al. **Pathol Res Pract** 1985 May; 179(6):656-65

Xerotrachea and interstitial lung disease in primary Sjogren's syndrome. Constantopoulos SH, et al. **Respiration** 1984; 46(3):310-4

Hypokalemic paralysis in Sjögren's syndrome secondary to renal tubular acidosis. Christensen KS. **Scand J Rheumatol** 1985;14(1):58-60

[Sjögren's syndrome with pulmonary manifestations: 47 case reports] Hou J, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Jun;24(6):350-2, 382 (Eng. Abstr.) **(Chi)**

[Glomerulonephritis, interstitial nephritis and renal tubular acidosis in Sjogren's syndrome--report of 2 cases] Li XW. **Chung Hua Nei Ko Tsa Chih** 1984 Apr;23(4):220-2 (Eng. Abstr.) **(Chi)**

[Lymphocytic interstitial pneumonia in Gougerot-Sjögren syndrome with scleroderma] Allard P, et al. **Ann Med Interne (Paris)** 1984;135(6):431-4 (Eng. Abstr.) **(Fre)**

[Spontaneous corneal perforation in rheumatoid polyarthritis. Presentation of 2 cases] Saraux H, et al. **Bull Soc Ophtalmol Fr** 1984 Feb;84(2):159-62 (Eng. Abstr.) **(Fre)**

[Gougerot-Sjogren syndrome associated with a yersiniosis (letter)] Fischer D, et al. **Presse Med** 1985 Jan 12;14(1):50-1 **(Fre)**

[Dermatopolymyositis and pulmonary fibrosis associated with Gougerot-Sjogren syndrome. Study of 3 cases] Hatron PY, et al. **Rev Med Interne** 1985 Mar;6(2):97-103 (Eng. Abstr.) **(Fre)**

[Recurrent multiple paralysis of cranial nerves. Gougerot-Sjögren syndrome] Vincent D, et al. **Rev Neurol (Paris)** 1985;141(4):318-21 (Eng. Abstr.) **(Fre)**

[Rheumatoid polyarthritis, Gougerot-Sjögren syndrome and chronic myeloid leukemia. Apropos of 2 cases] Job-Deslandre C, et al. **Rev Rhum Mal Osteoartic** 1985 Apr;52(4):247-9 (Eng. Abstr.) **(Fre)**

[Gougerot-Sjögren syndrome with autoimmune thrombopenia treated with cortisone shocks (letter)] Job-Deslandre C, et al. **Rev Rhum Mal Osteoartic** 1985 May;52(5):337 **(Fre)**

[Sjögren's syndrome: new aspects of research. I. Clinico-immunologic up-date] Ferrari Parabita G, et al. **Minerva Stomatol** 1984 Nov-Dec;33(6):919-26 (Eng. Abstr.) **(Ita)**

[A case of Sjögren's syndrome associated with lymphoid interstitial pneumonia] Kuriyama K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Mar 25; 45(3):475-9 (Eng. Abstr.) **(Jpn)**

[A case of Sjögren's syndrome associated with pulmonary embolism, monoclonal hypergammaglobulinemia, and thymoma] Muto S, et al. **Nippon Naika Gakkai Zasshi** 1984 Jul;73(7):1001-8 **(Jpn)**

[Immunoblastic lymphoma and interstitial nephritis in Sjögren's syndrome] Cobo Reinoso ME, et al. **Med Clin (Barc)** 1984 Oct 6;83(10):420-3 (Eng. Abstr.) **(Spa)**

[Pulmonary hypertension in Sjögren's syndrome: an uncommon association] Gimeno JV, et al. **Rev Esp Cardiol** 1985 Jan-Feb;38(1):69-71 (Eng. Abstr.) **(Spa)**

[Pulmonary abscess in Sjögren's syndrome. An unusual clinical manifestation] Abud-Mendoza C, et al. **Rev Invest Clin** 1984 Jul-Sep;36(3):277-81 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Diagnosis of Sjögren's syndrome [letter] Daniels TE, et al. **Arthritis Rheum** 1985 May;28(5):593-4

Sjögren's syndrome presenting as a severe sensory neuropathy including involvement of the trigeminal nerve. Hull RG, et al. **Br J Rheumatol** 1984 Nov;23(4):301-3

Respiratory manifestations in primary Sjögren's syndrome. A clinical, functional, and histologic study. Constantopoulos SH, et al. **Chest** 1985 Aug;88(2):226-9

Symptomatic Sjögren's syndrome in mixed connective tissue disease. Alarcón-Segovia D. **J Rheumatol** 1984 Oct; 11(5):582-3

[Primary Sjögren syndrome--report of 36 cases] Tung Y. **Chung Hua Nei Ko Tsa Chih** 1984 Nov;23(11):697-700 (Eng. Abstr.) **(Chi)**

[Sjogren's syndrome and a simple method for its diagnosis] Shao TY. **Chung Hua Yen Ko Tsa Chih** 1985 Jan;21(1):52-3 **(Chi)**

[Current viewpoints of Sjögren's syndrome] De Landsheere D, et al. **Acta Otorhinolaryngol Belg** 1984;38(2):177-85 (Eng. Abstr.) **(Dut)**

[Diagnosis of the Gougerot-Sjögren syndrome in rheumatology. II--Test strategy] Sauvezie B, et al. **Rev Rhum Mal Osteoartic** 1985 Feb;52(2):73-7 (Eng. Abstr.) **(Fre)**

[The diagnosis of Gougerot-Sjorgen syndrome in rheumatology. I. Evaul ation of the principal complementary examinations] Sauvezie B, et al. **Rev Rhum Mal Osteoartic** 1984 Nov;51(10):545-52 (Eng. Abstr.) **(Fre)**

[Mucocutaneous and salivary manifestations of the graft vs host reaction after bone marrow transplantation] d'Agay MF, et al. **Rev Stomatol Chir Maxillofac** 1984;85(5):370-4 (Eng. Abstr.) **(Fre)**

[Gougerot-Sjögren syndrome. Apropos of 13 cases] Berguaoui N, et al. **Tunis Med** 1985 Jan;63:27-32 (Eng. Abstr.) **(Fre)**

[Chronic increase of amylase in primary sicca syndrome] Schmeck HJ, et al. **Dtsch Med Wochenschr** 1984 Oct 19; 109(42):1604-6 (Eng. Abstr.) **(Ger)**

[Sjögren's syndrome: new research aspects. III. Diagnostic update] Ferrari Parabita G, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):219-28 (Eng. Abstr.) **(Ita)**

[Sjögren's syndrome: new research aspects. Our experience with 34 cases. IV] Ferrari Parabita G, et al. **Minerva Stomatol** 1985 May-Jun;34(3):447-51 (Eng. Abstr.) **(Ita)**

[Clinical and immunological aspects in Gougerot-Sjögren syndrome] Grigorescu R, et al. **Rev Chir [Oftalmol]** 1985 Apr-Jun;29(2):115-8 (Eng. Abstr.) **(Rum)**

[A type of Sjögren's syndrome with few clinical symptoms] Malanova NL, et al. **Vestn Oftalmol** 1984 Nov-Dec; (6):67-8 **(Rus)**

[Sjögren syndrome. Analysis of 43 patients] Villar Ortiz J, et al. **Rev Clin Esp** 1985 May;176(9):442-7 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Mucosolvan in the treatment of patients with primary Sjögren's syndrome. Results from a double-blind cross-over investigation. Manthorpe R, et al. **Acta Ophthalmol (Copenh)** 1984 Aug;62(4):537-41

The use of topical Healon tears in the management of refractory dry-eye syndrome. DeLuise VP, et al. **Ann Ophthalmol** 1984 Sep;16(9):823-4

Primary Sjögren's syndrome treated with Efamol/Efavit. A double-blind cross-over investigation. Manthorpe R, et al. **Rheumatol Int** 1984;4(4):165-7

[Bromhexine in symptomatic treatment of Sjögren syndrome] Fossaluzza V. **Klin Monatsbl Augenheilkd** 1984 Oct; 185(4):292-5 (Eng. Abstr.) **(Ger)**

[Our experience with the treatment of ocular changes in Sjögren's syndrome] Portacha L. **Klin Oczna** 1984 Nov; 86(11):485-6 (Eng. Abstr.) **(Pol)**

[Cyclophosphamide treatment of parotid swelling in Sjögren syndrome (letter)] Aliaga L, et al. **Med Clin (Barc)** 1984 Jun 30;83(5):222-3 **(Spa)**

ENZYMOLOGY

Serum isoamylases in patients with autoimmune rheumatic diseases. Tsianos EB, et al. **Clin Exp Rheumatol** 1984 Jul-Sep;2(3):235-8

ETIOLOGY

Sjögren's syndrome and infectious mononucleosis [letter] Murray BJ. **Ann Intern Med** 1985 Jul;103(1):161

Primary Sjögren's syndrome after infectious mononucleosis. Whittingham S, et al. **Ann Intern Med** 1985 Apr; 102(4):490-3

A case of scleroderma with Sjögren's syndrome developed after mammoplasty. Nobunaga M, et al. **Clin Rheumatol** 1984 Sep;3(3):375-9

Scleroderma, keratoconjunctivitis sicca, and soft contact lens treatment. Bourgeois JA. **J Am Optom Assoc** 1984 Aug; 55(8):581-5

Hemorrhagic cystitis and sicca syndrome secondary to amyloidosis in rheumatoid arthritis. Frayha RA, et al. **J Rheumatol** 1985 Apr;12(2):378-9

A case of sicca syndrome due to primary amyloidosis. Yokota E, et al. **Jpn J Med** 1984 Aug;23(3):250-3

Sjögren-like syndrome after drug-induced toxic epidermal necrolysis. Roujeau JC, et al. **Lancet** 1985 Mar 16; 1(8429):609-11

Chronic lymphadenopathy and Sjogren's syndrome in a homosexual man [letter] Gordon JJ, et al. **N Engl J Med** 1984 Nov 29;311(22):1441-2

[Etiopathogenic aspects of Sjögren's syndrome] Palomino Nicas J, et al. **Rev Clin Esp** 1984 Jun 15-30;173(5-6):253-8 (54 ref.) **(Spa)**

FAMILIAL & GENETIC

Primary Sjögren's syndrome and other autoimmune diseases in families. Prevalence and immunogenetic studies in six kindreds. Reveille JD, et al. **Ann Intern Med** 1984 Dec; 101(6):748-56

HL-A antigen in Sjögren's syndrome. Nahir AM, et al. **Ann Ophthalmol** 1980 Sep;12(9):1084-6

Secondary Sjögren's syndrome and chromosome six markers. Warlow RS, et al. **Tissue Antigens** 1985 May;25(5):247-54

IMMUNOLOGY

Small-cell lymphoma and Sjögren's syndrome. Lymphoplasmacytic subvariant of small-cell lymphoma with IgA/kappa immunoglobulin surface markers. Askari AD, et al. **Arch Intern Med** 1985 May;145(5):935-7

Circulating natural killer cells in Sjögren's syndrome. Ichikawa Y, et al. **Arthritis Rheum** 1985 Feb;28(2):182-7

Sjögren's syndrome. Influence of multiple HLA-D region alloantigens on clinical and serologic expression. Wilson RW, et al. **Arthritis Rheum** 1984 Nov;27(11):1245-53

Presence of intracytoplasmic IgG in the lymphocytic infiltrates of the minor salivary glands of patients with primary Sjögren's syndrome. Lane HC, et al. **Clin Exp Rheumatol** 1983 Jul-Sep;1(3):237-9

Antiperinuclear factor in Sjögren's syndrome in the presence or absence of rheumatoid arthritis. Youinou P, et al. **Clin Exp Rheumatol** 1984 Jan-Mar;2(1):5-9

Monoclonal gammopathies in Japanese patients with Sjögren's syndrome. Sugai S, et al. **J Clin Immunol** 1985 Mar;5(2):90-101

Immunologic and structural studies of the lupus/Sjögren's syndrome autoantigen, La/SSB, with a monoclonal antibody. Harley JB, et al. **J Clin Invest** 1985 Aug; 76(2):801-6

Association between the Ro and La antigenic determinants: immunodiffusion analysis of human spleen extract. Eisenberg RA. **J Immunol** 1985 Sep;135(3):1707-13

Salivary gland lymphocytes in primary Sjogren's syndrome lack lymphocyte subsets defined by Leu-7 and Leu-11 antigens. Fox RI, et al. **J Immunol** 1985 Jul;135(1):207-14

Monoclonal antibodies to the Sjögren's syndrome associated antigen SS-B (La). Smith PR, et al. **J Immunol Methods** 1985 Feb 28;77(1):63-76

Primary and secondary Sjögren's syndrome [editorial] **Lancet** 1984 Sep 29;2(8405):730-1

Dry eyes: autoimmunity and relationship to other systemic disease. Maddison PJ. **Trans Ophthalmol Soc UK** 1985;104 (Pt 4):458-61 (22 ref.)

[Epidermal IgG deposits in patients with primary Sjögren's syndrome] Oxholm A, et al. **Ugeskr Laeger** 1985 Jan 21; 147(4):261-4 (Eng. Abstr.) **(Dan)**

[Gougerot-Sjögren syndrome and monoclonal immunoglobulin] Pennec Y, et al. **Rev Med Interne** 1984 Nov;5(4):303-7 (Eng. Abstr.) **(Fre)**

[Sjögren's syndrome: new aspects of research. Clinico-immunological update. II. The lympho-exocrine syndrome] Ferrari Parabita G, et al. **Minerva Stomatol** 1985 Jan-Feb;34(1):53-6 (42 ref.) (Eng. Abstr.) **(Ita)**

[Decreased IL-2 production in Sjögren's syndrome] Miyasaka N, et al. **Ryumachi** 1984 Jun;24(3):166-72 (Eng. Abstr.) **(Jpn)**

[Immunohistological studies on T lymphocyte subsets of the salivary glands in Sjögren's syndrome] Takaya M, et al. **Ryumachi** 1984 Aug;24(4):250-5 (Eng. Abstr.) **(Jpn)**

[Comparative characteristics of nonspecific resistance factors in chronic parenchymatous parotitis and Sjögren's syndrome] Ron' GI, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):37-9 (Eng. Abstr.) **(Rus)**

[Natural cytotoxicity in Sjögren's syndrome] Aleksandrova EN, et al. **Ter Arkh** 1984;56(7):103-6 (Eng. Abstr.) **(Rus)**

[Clinico-immunological characteristics of systemic lupus erythematosus with Raynaud and Sjögren's syndromes (report I)] Nasonova VA, et al. **Ter Arkh** 1985;57(5):94-8 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Langerhans cells in labial minor salivary glands in primary Sjögren's syndrome. Oxholm P, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1985 Mar; 93(2):105-7

Immunohistochemical and ultrastructural demonstration of keratin in epi-myoepithelial islands of autoimmune sialadenitis in man. Saku T, et al. **Arch Oral Biol** 1984; 29(9):687-9

Comment on Daniels article (Labial salivary gland biopsy in Sjögren's syndrome) [letter] Eversmeyer WH. **Arthritis Rheum** 1984 Nov;27(11):1320

Atrophic gastritis in Sjögren's syndrome. Morphologic, biochemical, and immunologic findings. Maury CP, et al. **Arthritis Rheum** 1985 Apr;28(4):388-94

Characterization of the phenotype and function of lymphocytes infiltrating the salivary gland in patients with primary Sjogren syndrome. Fox RI, et al. **Diagn Immunol** 1983;1(3):233-9

Distribution of intermediate filaments and actin microfilaments in parotid autoimmune sialoadenitis of Sjögren syndrome. Kjörell U, et al. **Histopathology** 1984 Nov;8(6):991-1011

Central corneal thickness of patients with dry eyes. Pole JJ, et al. **J Am Optom Assoc** 1985 Mar;56(3):220-1

Light and electron microscopical study of the conjunctiva in sicca syndrome. Meyer E, et al. **Ophthalmologica** 1985; 190(1):45-51

Congenital complete heart block with maternal primary Sjögren's syndrome. McCormack GD, et al. **South Med J** 1985 Apr;78(4):471-3

Primary non-Hodgkin lymphoma of the parotid gland associated with Sjögren's syndrome: a case report. Bandieramonte G, et al. **Tumori** 1985 Feb 28;71(1):85-8

[Ultrastructural study of the lacrimal gland in Gougerot-Sjögren syndrome] Chomette G, et al. **Arch Anat Cytol Pathol** 1985;33(3):149-54 (Eng. Abstr.) **(Fre)**

[Cytodiagnosis of parotid glands of patients with Sjögren's syndrome] Ando M, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Aug;87(8):944-9 (Eng. Abstr.) **(Jpn)**

[Clinico-morphological characteristics of Sjögren's syndrome (biopsy and autopsy data)] Tareev EM, et al. **Arkh Patol** 1984;46(11):38-46 (Eng. Abstr.) **(Rus)**

[Generalized lesions of the exocrine glands and interstitial nephritis with renal tubular acidosis and renal diabetes insipidus in chronic active hepatitis of viral etiology (clinico-morphological study)] Aprosina ZG, et al. **Ter Arkh** 1984;56(12):78-83 **(Rus)**

PHYSIOPATHOLOGY

Oesophageal dysfunction in patients with primary Sjögren's syndrome. Tsianos EB, et al. **Ann Rheum Dis** 1985 Sep; 44(9):610-3

Lung involvement in Sjögren's syndrome: a comparison between patients with primary and with secondary syndrome. Vitali C, et al. **Ann Rheum Dis** 1985 Jul; 44(7):455-61

Proportional and functional studies of the infiltrating lymphocytes in the parotid gland of Sjögren's syndrome associated with rheumatoid arthritis. Ichikawa Y, et al. **Clin Exp Rheumatol** 1984 Jan-Mar;2(1):23-30

A young woman with muscle cramps and periodontal disease. Seitzinger DB, et al. **Hosp Pract [Off]** 1985 Feb 15; 20(2):48E, 48F

Pulmonary involvement in Sjögren's syndrome. Bariffi F, et al. **Respiration** 1984;46(1):82-7

Primary Sjogren syndrome: clinical and immunopathologic features. Fox RI, et al. **Semin Arthritis Rheum** 1984 Nov; 14(2):77-105 (177 ref.)

PSYCHOLOGY

Neuropsychiatric dysfunction in primary Sjögren's syndrome. Malinow KL, et al. **Ann Intern Med** 1985 Sep; 103(3):344-50

RADIOGRAPHY

[Pancreatic lesions in Sjogren's syndrome] Oribe K. **Fukuoka Igaku Zasshi** 1985 Mar;76(3):55-66 (Eng. Abstr.) **(Jpn)**

SURGERY

Sjogren's syndrome: a persistent clinical problem. Bone RC, et al. **Laryngoscope** 1985 Mar;95(3):295-9

URINE

Demonstration and identification of monoclonal proteins in the urine of patients with Sjögren's syndrome. Moutsopoulos HM, et al. **Ann Rheum Dis** 1985 Feb; 44(2):109-12

SKATING see under **SPORTS**

SKATOLE see under **INDOLES**

SKELETAL AGE MEASUREMENT see **AGE DETERMINATION BY SKELETON**

SKELETAL MUSCLE RELAXANTS see **MUSCLE RELAXANTS, CENTRAL**

SKELETIN see **DESMIN**

SKELETON

Analysis of the human fetal skeleton and organs with xeroradiography. Elejalde BR, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):666-70

ABNORMALITIES

Peculiarities of the bones, muscles, and nervous system of the conjoined twins. Ovtscharoff W, et al. **Anat Anz** 1984; 157(1):83-90

ANATOMY & HISTOLOGY

The skeleton of early Eocene Cantius, oldest lemuriform primate. Rose KD, et al. **Am J Phys Anthropol** 1985 Jan; 66(1):73-89

Accelerator mass spectrometry radiocarbon ages of amino acid extracts from Californian palaeoindian skeletons. Bada JL, et al. **Nature** 1984 Nov 29-Dec 5;312(5993):442-4

Early Homo erectus skeleton from west Lake Turkana, Kenya. Brown F, et al. **Nature** 1985 Aug 29-Sep 4; 316(6031):788-92

PHYSIOLOGY

Arboreality and bipedality in the Hadar hominids. Susman RL, et al. **Folia Primatol (Basel)** 1984;43(2-3):113-56

SKF 525-A see **PROADIFEN**

SKID ROW ALCOHOLICS

ER 'capture' of the skid-row alcoholic. Baker FM. **Gen Hosp Psychiatry** 1985 Apr;7(2):138-43

The management of maxillo-facial injuries in vagrant alcoholics. Cannell H, et al. **J Maxillofac Surg** 1985 Jun; 13(3):121-4

PSYCHOLOGY

Homeless alcoholic women on skid row. Corrigan EM, et al. **Am J Drug Alcohol Abuse** 1984;10(4):535-49

SKIING

Five-year follow-up of ECG aberrations, latent coronary heart disease and cardiopulmonary fitness in various age groups of Norwegian cross-country skiers. Lie H, et al. **Acta Med Scand** 1984;216(4):377-83

Anterior dislocation of the shoulder joint sustained through skiing. Arthrographic findings and prognosis. Kuriyama S, et al. **Am J Sports Med** 1984 Sep-Oct;12(5):339-46

Serious ski jumping injuries in Norway. Wester K. **Am J Sports Med** 1985 Mar-Apr;13(2):124-7

Ski fractures of the femur. Yvars MF, et al. **Am J Sports Med** 1984 Sep-Oct;12(5):386-90

Severe metacarpophalangeal sprain of the thumb in ski accidents. 125 surgical repairs in group of 340 cases of metacarpophalangeal sprains from ski accidents. Massart P, et al. **Ann Chir Main** 1984;3(2):101-12 **(Eng, Fre)**

Common snow skiing injuries. Elliott BG, et al. **Aust Fam Physician** 1984 Aug;13(8):570-4

Ankle injuries in skiing. Leach RE, et al. **Clin Orthop** 1985 Sep;(198):127-33

Energy sources in alpine skiing (giant slalom). Saibene F, et al. **Eur J Applied Physiol** 1985;53(4):312-6

Cervical injury from skiing. Oh S. **Int J Sports Med** 1984 Oct;5(5):268-71

Shoulder dislocation in skiing: choice of surgical method depending on the degree of humeral retrotorsion. Pieper HG. **Int J Sports Med** 1985 Jun;6(3):155-60

Skiing safety in children: adjustment and reliability of the bindings. Ungerholm S, et al. **Int J Sports Med** 1984 Dec; 5(6):325-9

Surface EMG and torsion measurements during snow skiing: laboratory and field tests. Louie JK, et al. **J Biomech** 1984; 17(10):713-24

A microcomputer controlled snow ski binding system--II. Release decision theories. MacGregor D, et al. **J Biomech** 1985;18(4):267-75

A microcomputer controlled snow ski binding system--I. Instrumentation and field evaluation. MacGregor D, et al. **J Biomech** 1985;18(4):255-65

Endocrine modifications caused by sport activity: effect in leisure-time cross-country skiers. Zuliani U, et al. **J Sports Med Phys Fitness** 1984 Sep;24(3):263-9

Sports medicine: misdiagnosis in catastrophic ski injuries [letter] Lisagor P. **J Trauma** 1984 Dec;24(12):1065-6

Skiing accidents [letter] **Med J Aust** 1985 Aug 5;143(3):128-9

Reduction of shock in skiing accidents [letter] Gilchrist A. **Med J Aust** 1985 Jun 10;142(12):663

Medical problems in skiers [letter] Sherry E. **Med J Aust** 1985 Jul 22;143(2):92

Pulmonary embolism caused by high ski boots [letter] Höflin F, et al. **N Engl J Med** 1985 Jun 20;312(25):1645

Knee injuries in skiing. Howe J, et al. **Orthop Clin North Am** 1985 Apr;16(2):303-14

[Patterns of injury and socioeconomic consequences of injuries sustained in slalom and long-distance skiing] Boel J, et al. **Ugeskr Laeger** 1985 Jan 28;147(5):436-9 (Eng. Abstr.) **(Dan)**

[Pseudo-gas gangrene of the extremity due to posttraumatic air during skiing] Lehner K. **ROFO** 1985 Apr;142(4):474-5 **(Ger)**

[What does stretching bring about? Results of a follow-up of ski racers] Spring H. **Schweiz Z Sportmed** 1985 Mar; 33(1):21-4 (Eng. Abstr.) **(Ger)**

[Changes in the injury pattern in Alpine skiing. Study and analysis of 16,421 ski accidents] Suckert K, et al. **Unfallheilkunde** 1984 Dec;87(12):506-11 (Eng. Abstr.) **(Ger)**

[Serious injuries caused by ski jumping in Norway 1977-81] Wester K. **Tidsskr Nor Laegeforen** 1984 Nov 30; 104(33):2317-9 (Eng. Abstr.) **(Nor)**

[Changes in the structure of skiing injuries in Yugoslavia] Gjurić M, et al. **Lijec Vjesn** 1984 Oct;106(10):411-3 (Eng. Abstr.) **(Scr)**

SKILLED NURSING FACILITIES

Nosocomial infections among patients in a long-term care facility: spectrum, prevalence, and risk factors. Setia U, et al. **Am J Infect Control** 1985 Apr;13(2):57-62

Guidelines and perspectives on the utilization of intravenous therapy in skilled nursing facilities. Weinberg AD, et al. **Conn Med** 1984 Aug;48(8):535-9

Inservice teaching and adverse drug reactions in a nursing home. Jue SG, et al. **Drug Intell Clin Pharm** 1985 Jun; 19(6):483-7

Acute hospitalization in a home for the aged. Gordon WZ, et al. **J Am Geriatr Soc** 1985 Aug;33(8):519-23

Treatment decisions in a skilled-nursing facility: discordance with nurses' preferences. Wolff ML, et al. **J Am Geriatr Soc** 1985 Jun;33(6):440-5

Accidents in the skilled nursing facility. Dimant J. **NY State J Med** 1985 May;85(5):202-5

ORGANIZATION & ADMINISTRATION

'The hidden society': the practical use of multi-dimensional scaling to illuminate the pattern of relationships between long-stay psychiatric residents. Harries C, et al. **J Adv Nurs** 1984 Nov;9(6):619-25

Effect of initiation, termination, and reinitiation of consultant clinical pharmacist services in a geriatric long-term care facility. Cooper JW. **Med Care** 1985 Jan;23(1):84-8

Factors in the admission decision: skilled nursing facilities in New York State. Newman ES, et al. **QRB** 1985 May 11(5):143-9

STANDARDS

Process auditing in long term care facilities. Hewitt SM, et al. **QRB** 1985 Jan;11(1):6-15

SKIMMETIN see UMBELLIFERONES

SKIN

Importance of examination of the clothed victim. Fingerprint identification of assailant from skin fragment on knifing victim's clothing. Rho YM. **Am J Forensic Med Pathol** 1985 Mar;6(1):19-20

Association of splinters with chromomycosis and phaeomycotic cyst [letter] Connor DH, et al. **Arch Dermatol** 1985 Feb;121(2):168

The occurrence of red-skin chicken carcasses. Griffiths GL. **Br Vet J** 1985 May-Jun;141(3):312-4

A new temporary synthetic skin substitute. Golan J, et al. **Burns Incl Therm Inj** 1985 Apr;11(4):274-80

Cryopreservation of skin using an insulated heat sink box stored at -70 degrees C. May SR, et al. **Cryobiology** 1985 Jun;22(3):205-14

Evaluation of transcutaneous oxygen monitoring in anaesthetised pony foals. Warren RG, et al. **Equine Vet J** 1984 Jul;16(4):358-61

Scintigraphic demonstration of subcutaneous abscesses with 99mTc-labeled leukocytes. Kelbaek H, et al. **Eur J Nucl Med** 1985;10(7-8):302-3

The anesthetic skin patch for topical anesthesia. Niamtu J 3d, et al. **J Oral Maxillofac Surg** 1984 Dec;42(12):839-40

Heterotopic skin in the uterus. A report of an unusual case. Taylor RN, et al. **J Reprod Med** 1984 Nov;29(11):837-40

Measurements of spinal mobility in the sagittal plane: new skin contraction technique compared with established methods. Miller MH, et al. **J Rheumatol** 1984 Aug;11(4):507-11

Preservation of human skin: a study of two media using the athymic (nude) mouse model. Cram AE, et al. **J Trauma** 1985 Feb;25(2):128-30

What criteria should be used for designing artificial skin replacements and how well do the current grafting materials meet these criteria? Yannas IV. **J Trauma** 1984 Sep;24(9 Suppl):S29-39

Resourceful women unmask cactus spines [letter] **JAMA** 1985 May 17;253(19):2830

Mons pubis as a donor site for split-thickness skin grafts. Stal S, et al. **Plast Reconstr Surg** 1985 Jun;75(6):906-10

Sports and cosmetics. Greiter F. **Sports Med** 1985 Jul-Aug;2(4):248-53

The effect of different types of skin surfaces on the transmission of Brugia pahangi infective larvae by the mosquito Aedes aegypti. Lindsay SW, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):56-9

Epibulbar solid dermoid choristoma in a pig. Brightman AH, et al. **Vet Pathol** 1985 May;22(3):292-4

[Complications in wearing earrings] Ovesen J. **Ugeskr Laeger** 1984 Sep 10;146(37):2782-3 (Eng. Abstr.) **(Dan)**

[The relative radiation intensity on the human skin surface in UV-irradiation cabins] Heuss CC, et al. **Hautarzt** 1985 Mar;36(3):142-5 (Eng. Abstr.) **(Ger)**

[Contamination of human skin by radionuclides] Pratzel H, et al. **Nuklearmedizin** 1984 Aug;23(4):197-200 (Eng. Abstr.) **(Ger)**

[The 83rd annual meeting of the Japanese Dermatological Association. Sapporo, Japan, 6-8 June 1984. Abstracts] **Nippon Hifuka Gakkai Zasshi** 1984 Nov;94(12 Suppl):1472-97 **(Jpn)**

[Genetic aspects of the reaction of humoral immunity to collagen in humans and animals. Report I. Analysis of polymorphism of autoantibody levels to collagen type I in mice NZB X NZW (F1)] Nesvizhskiĭ IuV, et al. **Genetika** 1985 May;21(5):868-71 (Eng. Abstr.) **(Rus)**

ABNORMALITIES

Oculocerebrocutaneous syndrome. Wilson RD, et al. **Am J Ophthalmol** 1985 Feb 15;99(2):142-8

Congenital ulnar drift and camptodactyly produced by malformation of the retaining ligaments of the skin. Zancolli EA, et al. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):558-76

Lyonization and the lines of Blaschko. Happle R. **Hum Genet** 1985;70(3):200-6 (55 ref.)

Aplasia cutis congenita. Iyer PU, et al. **Indian Pediatr** 1984 Dec;21(12):986-8

Dermatologic birth defects and congenital skin disease. Carter DM, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 2):974-83 (37 ref.)

True median cleft of the upper lip associated with three pedunculated club-shaped skin masses. Nakamura J, et al. **Plast Reconstr Surg** 1985 May;75(5):727-31

[Dystrophic epidermolysis bullosa with localized congenital absence of skin. A case report] Su HY, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Sep;83(9):966-71 (Eng. Abstr.) **(Chi)**

[Aplasia cutis congenita and foetus papyraceus] Csécsei K, et al. **Orv Hetil** 1985 Mar 31;126(13):777-80 (Eng. Abstr.) **(Hun)**

ANALYSIS

Variations in cutaneous zinc concentrations after oral administration of zinc gluconate. Dréno B, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):341-4

Failure of specific human tissue substrates to increase the sensitivity of indirect immunofluorescence testing in cicatricial pemphigoid. Powell FC, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):540-3

Concentrations of androgens and C19-steroid sulphates in abdominal skin of healthy women and men. Tóth I, et al. **Acta Med Hung** 1985;42(1-2):13-20

Uremic pruritus: skin divalent ion content and response to ultraviolet phototherapy. Blachley JD, et al. **Am J Kidney Dis** 1985 May;5(5):237-41

Biochemical analysis of dermal connective tissue in subjects affected by primary uncomplicated varicose veins. Andreotti L, et al. **Angiology** 1985 May;36(5):265-70

Mapping of proteins from cultured fibroblasts of synovial and subcutaneous origin by high resolution two-dimensional polyacrylamide gel electrophoresis. Glennås A, et al. **Ann Rheum Dis** 1985 May;44(5):302-6

Fibronectin. Localization in normal human skin, granulation tissue, hypertrophic scar, mature scar, progressive systemic sclerotic skin, and other fibrosing dermatoses. Nagata H, et al. **Arch Dermatol** 1985 Aug;121(8):995-9

Detection of immunoreactive leukotrienes LTC4/D4 in skin-blister fluid after allergen testing in patients with late cutaneous reactions (LCR). Dorsch W, et al. **Arch Dermatol Res** 1985;277(5):400-1

Deoxythymidine pools in animal and human skin with reference to antiviral drugs. Harmenberg J, et al. **Arch Dermatol Res** 1985;277(5):402-3

An acidic glycoprotein (100-K fucose-rich glycoprotein) from calf skin. Matsunaga E, et al. **Arch Dermatol Res** 1985;277(2):93-7

Experimental contribution to the dithranol-brown problem. Wiegrebe W, et al. **Arch Dermatol Res** 1985;277(2):153-5

Is cutaneous apoprotein B a better discriminator than serum lipoproteins for atherosclerosis? De Graeve J, et al. **Atherosclerosis** 1984 Sep;52(3):301-7

Isolation and characterization of cartilage proteoglycans immunoreactive with an antibody to skin proteodermatan sulfate core protein. Onodera S, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):95-101

Partial characteristics of an analog of pyridinoline isolated from human skin. Tilson MD, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1222-7

Distribution of polyamines in human epidermis. Baze PE, et al. **Br J Dermatol** 1985 Apr;112(4):393-6

Immunohistochemical localization of epidermal basement membrane laminin and type IV collagen in bullous lesions of dermatitis herpetiformis. Karttunen T, et al. **Br J Dermatol** 1984 Oct;111(4):389-94

Generation of leukotrienes from normal epidermis and their demonstration in cutaneous disease. Rosenbach T, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:157-67

Cellular retinol- and retinoic acid-binding proteins in the epidermis and dermis of normal human skin. Siegenthaler G, et al. **Br J Dermatol** 1984 Dec;111(6):647-54

Oxygen tension on the skin of the gaiter area of limbs with venous disease. Clyne CA, et al. **Br J Surg** 1985 Aug;7(8):644-7

The lipid composition of bovine sebum and dermis. McMaster JD, et al. **Br Vet J** 1985 Jan-Feb;141(1):34-41

Reexpression of fetal characters in simian virus 40-transformed human keratinocytes. Bernard BA, et al. **Cancer Res** 1985 Apr;45(4):1707-16

Association of DNA strand breaks with accelerated terminal differentiation in mouse epidermal cells exposed to tumor promoters. Hartley JA, et al. **Cancer Res** 1985 Oct;45(10):4864-70

Neonatal transcutaneous bilirubinometry. Strange M, et al. **Clin Perinatol** 1985 Feb;12(1):51-62

Production and characterization of monoclonal antibodies to bovine skin proteodermatan sulfate. Pringle GA, et al. **Coll Relat Res** 1985 Jan;5(1):23-39

A survey of polar and nonpolar lipids extracted from snake skin. Burken RR, et al. **Comp Biochem Physiol [B]** 1985;81(2):315-8

Immunoelectron microscopy of proteodermatan sulfate in human mid-dermis. Longas MO, et al. **Connect Tissue Res** 1985;13(2):117-25

The use of aIF, AE1, and AE3 monoclonal antibodies for the identification and classification of mammalian epithelial keratins. Cooper D, et al. **Differentiation** 1984;28(1):30-5

Biochemical characterization of desmosomal proteins isolated from bovine muzzle epidermis: amino acid and carbohydrate composition. Kapprell HP, et al. **Eur J Cell Biol** 1985 Mar;36(2):217-29 (76 ref.)

Rohdei-litorin: a new peptide from the skin of Phyllomedusa rohdei. Barra D, et al. **FEBS Lett** 1985 Mar 11;182(1):53-6

Deoxythymidine pools of human skin and guinea pig organs. Harmenberg J, et al. **FEBS Lett** 1985 Sep 2;188(2):219-21

An improved method for the demonstration of fibrin in biopsies of rabbit skin homografts. Bullock GR, et al. **Histochem J** 1985 Feb;17(2):143-51

The histochemistry of urea-unmasked glycosaminoglycans in the skin of the eel, Anguilla japonica. Banerjee TK, et al. **Histochemistry** 1985;82(1):39-43

Participation of the alpha 2(I) chain of bovine skin collagen in the formation of mature crosslinks. Heidemann E, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jul;365(7):781-9

A nitrosating agent from the reaction of atmospheric nitrogen dioxide (NO2) with methyl linoleate: comparison with a product from the skins of NO2-exposed mice. Mirvish SS, et al. **IARC Sci Publ** 1984;(57):283-9

Syntheses of tetra- and pentapeptides from skin extracts of Phyllomedusa rhodei (tryptophyllins). Perseo G, et al. **Int J Pept Protein Res** 1984 Aug;24(2):155-60

Rapid isocratic high-performance liquid chromatographic purification of platelet activating factor (PAF) and lyso-PAF from human skin. Mallet AI, et al. **J Chromatogr** 1984 Jul 13;309(1):160-4

Molecular weight determination of hyaluronic acid and its separation from mouse skin extract by high-performance gel permeation chromatography using a precision differential refractometer. Motohashi N, et al. **J Chromatogr** 1984 Sep 21;299(2):508-12

High-performance liquid chromatographic determination of (Z)-and (E)-urocanic acid in human skin. Schwarz W, et al. **J Chromatogr** 1984 Sep 14;310(1):188-92

L6 cells as a tissue culture model for thyroid hormone effects on skeletal muscle metabolism. Koenig RJ, et al. **J Clin Invest** 1985 Aug;76(2):878-81

Muscarinic receptors on intact human fibroblasts. Absence of receptor activity in adult skin cells. Van Riper DA, et al. **J Clin Invest** 1985 Aug;76(2):882-6

The use of improved ruthenium red staining for the ultrastructural detection of proteoglycan aggregates in normal skin and lichen myxoedematosus. Ishii M, et al. **J Cutan Pathol** 1984 Aug;11(4):292-5

Androgen receptor characteristics in skin fibroblasts from hirsute women. Eil C, et al. **J Invest Dermatol** 1985 Jan;84(1):62-5

Spectroscopic characteristics of human melanin in vivo. Kollias N, et al. **J Invest Dermatol** 1985 Jul,85(1):38-42

Noninvasive analysis of skin iron and zinc levels in beta-thalassemia major and intermedia. Gorodetsky R, et al. **J Lab Clin Med** 1985 Jan;105(1):44-51

Detection of inorganic lead contamination with sodium sulfide. Lerner SI, et al. **J Occup Med** 1985 Apr;27(4):293-4

Skin oxygen tension in venous insufficiency of the lower leg. Dodd HJ, et al. **J R Soc Med** 1985 May;78(5):373-6

Age-related changes in the molecular weight of hyaluronic acid from rat skin. Miyamoto I, et al. **Jikken Dobutsu** 1984 Oct;33(4):481-5

Histamine content and histidine decarboxylase activity in the spleen of the magnesium-deficient rat: comparison with the skin and peritoneal mast cells. Nishio A, et al. **Jpn J Pharmacol** 1984 Sep;36(1):1-6

The hyalinosis-associated 90 kD glycoprotein of human skin has lectin-like characteristics. Maury CP, et al. **Med Biol** 1985;63(1):18-20

Skin pH on soles in patients with hereditary palmoplantar keratoderma and pathogenicity of dermatophytes. Nielsen PG. **Mykosen** 1985 Jun;28(6):310-2

Failure to confirm muscarinic receptors on skin fibroblasts [letter] **N Engl J Med** 1985 Mar 28;312(13):861-2

Difference in topical and systemic reactivity of psoralens: determinations of epidermal and serum levels. Kornhauser A, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:97-101

Quantitative determination of methoxsalen in human serum, suction blister fluid and epidermis by gas chromatography mass spectrometry. Huuskonen H, et al. **Photodermatol** 1984 Jun;1(3):137-40

Skin determination of the 8-methoxypsoralen concentration in rats. Van Boven M, et al. **Photodermatol** 1984 Oct;1(5):241-4

Quantitative determination of water in the skin by 1H NMR. Terada H, et al. **Physiol Chem Phys Med NMR** 1985;17(1):101-5

Isolation of morphine from toad skin. Oka K, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1852-4

Elemental analysis on freeze-dried sections of human skin: studies by electron microprobe and particle induced X-ray emission analysis. Forslind B, et al. **Scan Electron Microsc** 1984;(Pt 2):755-9

Wave-length dispersive microprobe analysis of coated samples of bulk tissues. Kischer CW, et al. **Scan Electron Microsc** 1985;(Pt 1):269-78

Lead in playground dust and on the hands of schoolchildren. Duggan MJ, et al. **Sci Total Environ** 1985 Jul;44(1):65-79

Occurrence of skin alkaloids in non-dendrobatid frogs from Brazil (Bufonidae), Australia (Myobatrachidae) and Madagascar (Mantellinae). Daly JW, et al. **Toxicon** 1984;22(6):905-19

[Lymphokine determination in psoriasis scale extracts] Westphal HJ, et al. **Dermatol Monatsschr** 1984;170(11):705-14 (Eng. Abstr.) **(Ger)**

[Quantitative analysis of skin surface lipids using a sebumeter method. Random lipid levels on the skin surface during therapy with 13-cis-retinoic acid, minocycline hydrochloride and UVA rays] Kesseler T, et al. **Z Hautkr** 1985 Jun 1;60(11):857-65 (Eng. Abstr.) **(Ger)**

[Cutaneous glucose in healthy and diabetic subjects] Binazzi M, et al. **G Ital Dermatol Venereol** 1984 Jan-Feb;119(1):39-43 (Eng. Abstr.) **(Ita)**

[Demonstration of S-100 protein in a cutaneous cell population] Monti M, et al. **G Ital Dermatol Venereol** 1985 May-Jun;120(3):197-201 (Eng. Abstr.) **(Ita)**

[Acridine orange staining for DNA-RNA cytofluorometry of epidermal basal cells] Nomura H, et al. **Nippon Hifuka Gakkai Zasshi** 1985 May;95(6):685-8 **(Jpn)**

[Extraction and purification of a cystine-rich polypeptide of normal subjects and a patient with palmo-plantar keratoderma] Takahashi M, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Jan;95(1):23-9 (Jpn)

[An immunohistochemical study on the normal human skin using an anti-hair keratin monoclonal antibody (HKN-2)] Tazawa T. **Nippon Hifuka Gakkai Zasshi** 1985 Feb; 95(2):157-65 (Jpn)

[Trial designing of special electrodes for the in vivo measurement of the hydration state of stratum corneum of dry skin lesions] Tokudome Y, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Oct;94(11):1247-51 (Jpn)

[Fibrinolytic activity in cutaneous lesions of hereditary hemorrhagic telangiectasia] Watanabe M, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Jan;95(1):11-6 (Jpn)

[Evaluation of the influence of ambient temperature and humidity on the hydration level of the stratum corneum] Yoshikuni K, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Apr; 95(5):591-5 (Jpn)

[Analysis of chlorobenzene in skin washings] Burina AI, et al. **Gig Tr Prof Zabol** 1984 Nov;(11):53-5 (Rus)

[Lipid fatty acids of the blood serum and surface of the skin in seborrhea patients] Alimova EK, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):15-8 (Eng. Abstr.) (Rus)

ANATOMY & HISTOLOGY

Morphology of the exocrine glands of the frog skin. Mills JW, et al. **Am J Anat** 1984 Sep;171(1):91-106

Epidermal and papillary dermal characteristics of the bowhead whale (Balaena mysticetus). Haldiman JT, et al. **Anat Rec** 1985 Apr;211(4):391-402

The influence of the hair cycle on the thickness of mouse skin. Hansen LS, et al. **Anat Rec** 1984 Dec;210(4):569-73

Relationship between the hair growth cycle and the intensity of lymphocyte-induced angiogenesis in mouse skin. Majewski S, et al. **Arch Dermatol Res** 1985;277(1):77-8

The effects of an airbrasive instrument on dental hard tissues, skin and oral mucosa. Newman PS, et al. **Br Dent J** 1985 Jul 6;159(1):9-12

Some particularities of human skin and the skin of nonhuman primates. Montagna W. **G Ital Dermatol Venereol** 1984 Jan-Feb;119(1):1-4

The dorsal wrinkle ligaments of the proximal interphalangeal joint. Law P, et al. **J Hand Surg [Br]** 1984 Oct;9(3):271-5

The relation between cleavage lines and postoperative scars after repair of cleft lip. Motegi K, et al. **J Maxillofac Surg** 1985 Aug;13(4):183-4

Margins in excision of skin cancer [letter] Trimble JW. **Plast Reconstr Surg** 1984 Nov;74(5):729

High frequency ultrasonic imaging of skin: experimental results. Dines KA, et al. **Ultrason Imaging** 1984 Oct; 6(4):408-34

A histological study of the apocrine sweat glands in some regions of the skin of the buffaloes in Egypt. Hifny A, et al. **Z Mikrosk Anat Forsch** 1984;98(6):845-56

[Patterns of the structural organization of the fibrous stroma of various human organs] Omel'ianenko NP. **Arkh Anat Gistol Embriol** 1984 Aug;87(8):65-73 (Eng. Abstr.) (Rus)

BLOOD SUPPLY

Changes in skin blood flow and temperature during spinal analgesia evaluated by laser Doppler flowmetry and infrared thermography. Bengtsson M. **Acta Anaesthesiol Scand** 1984 Dec;28(6):625-30

Determination of skin blood flow by 133Xe washout and by heat flux from a heated tc-PO2 electrode. Jaszczak P, et al. **Acta Anaesthesiol Scand** 1984 Oct;28(5):482-9

Reorganization of the blood circulation after revascularization of microsurgical free grafts. Belousov AE, et al. **Acta Chir Plast** 1985;27(2):83-90

Regional ischemia due to compromised collateral circulation after arterial reconstruction. Lose G, et al. **Acta Chir Scand** 1985;151(3):301-3

Quantitation of contact allergy in guinea pigs by measuring changes in skin blood flow and skin fold thickness. Andersen KE, et al. **Acta Derm Venereol (Stockh)** 1985; 65(1):37-42

Vascular effects of a local anesthetic mixture in atopic dermatitis. Juhlin L, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):439-40

Vascular changes in morphea. Kobayasi T, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):116-20

Skin blood flow in psoriasis during Goeckerman or beech tar therapy. Staberg B, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):331-64

Skin perfusion pressure measured by radioisotope washout for predicting wound healing in lower limb amputation for arterial occlusive disease. Holstein PE. **Acta Orthop Scand [Suppl]** 1985;213:1-47

Evidence that the arterial baroreceptors influence muscle blood flow and not subcutaneous flow in man. Skagen K, et al. **Acta Physiol Scand** 1985 Apr;123(4):405-9

Transcutaneous PO2 sensors and their application to clinical monitoring and diagnosis. Shoemaker WC. **Acute Care** 1983-84;10(2):103-11 (24 ref.)

Studies of the effects of hypnoanesthesia on regional blood flow by transcutaneous oxygen monitoring. Bishay EG, et al. **Am J Clin Hypn** 1984 Jul;27(1):64-9

Isolation of the vascular plexuses from the dermis. Pierard GE. **Am J Dermatopathol** 1985 Feb;7(1):85-6

Anti-Pr cold hemagglutination associated with livedo reticularis. Rose VL, et al. **Am J Hematol** 1985 Aug; 19(4):419-21

Skin blood flow reduction induced by cigarette smoking: role of vasopressin. Waeber B, et al. **Am J Physiol** 1984 Dec; 247(6 Pt 2):H895-901

Factors influencing pulmonary and cutaneous arterial blood flow in the toad, Bufo marinus. West NH, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R884-94

The assessment of skin blood flow in peripheral vascular disease by laser Doppler velocimetry. Karanfilian RG, et al. **Am Surg** 1984 Dec;50(12):641-4

Fasciocutaneous vessels. Their distribution on the trunk and limbs, and their clinical application in tissue transfer. Cormack GC, et al. **Anat Clin** 1984;6(2):121-31 (45 ref.)

Skin blood flow measured by thermal clearance method in anesthesia [letter] Degoute CS, et al. **Anesth Analg** 1985 Feb;64(2):179-80

Detecting arterial and venous obstruction in flaps. Svensson H, et al. **Ann Plast Surg** 1985 Jan;14(1):20-3

Correlation of the vasoconstriction assay and clinical activity in psoriasis. Cornell RC, et al. **Arch Dermatol** 1985 Jan; 121(1):63-7

Exaggerated physiologic speckled mottling of the limbs. Graham RM, et al. **Arch Dermatol** 1985 Mar;121(3):415-7

Angiogenic capability of peripheral blood mononuclear cells in psoriasis. Majewski S, et al. **Arch Dermatol** 1985 Aug; 121(8):1018-21

Glucocorticoid-induced vasoconstriction in canine skin. Marks R, et al. **Arch Dermatol Res** 1985;277(4):318-22

Measurement of blood flow in the oral mucosa and skin of the rhesus monkey using radiolabelled microspheres. Squier CA, et al. **Arch Oral Biol** 1985;30(4):313-8

Adrenoceptor-mediated responses in human skin studied by iontophoresis. Hörnqvist R, et al. **Br J Dermatol** 1984 Nov; 111(5):561-6

Generalized racemose livedo with cerebrovascular lesions (Sneddon syndrome): an occlusive arteriolopathy due to proliferation and migration of medial smooth muscle cells. Marsch WC, et al. **Br J Dermatol** 1985 Jun;112(6):703-8

Spatial variability of vasodilatation in human forearm skin. Tur E, et al. **Br J Dermatol** 1985 Aug;113(2):197-203

Effect of arteriovenous fistula on wound healing and skin blood flow. Takiff H, et al. **Br J Exp Pathol** 1984 Dec; 65(6):677-81

Continuous subcutaneous tissue pH measurement as a monitor of blood flow in skin flaps: an experimental study. Dickson MG, et al. **Br J Plast Surg** 1985 Jan;38(1):39-42

Sclerotherapy for venous flare. Green AR, et al. **Br J Plast Surg** 1985 Apr;38(2):241-2

The cutaneous blood supply of the neck: relevance to incision planning and surgical reconstruction. Rabson JA, et al. **Br J Plast Surg** 1985 Apr;38(2):208-19

Landmarks in the anatomical study of the blood supply of the skin. Timmons MJ. **Br J Plast Surg** 1985 Apr; 38(2):197-207

Circumferential skin blood flow measurements in the ischaemic limb. McCollum PT, et al. **Br J Surg** 1985 Apr; 72(4):310-2

Assessing the pressure at zero flow in canine epigastric skin flaps. Clarke HM, et al. **Can J Physiol Pharmacol** 1985 Mar;63(3):230-4

Ischemic skin lesions in ulcerative colitis. Chaun H, et al. **Can Med Assoc J** 1985 Apr 15;132(8):937-9

Morphological differences in cutaneous and skeletal muscle vasculature during compensatory and decompensatory hemorrhagic hypotension. Johnson G 3d, et al. **Circ Shock** 1985;15(2):111-21

Transcutaneous oxygen tension and capillary morphologic characteristics and density in patients with chronic venous incompetence. Franzeck UK, et al. **Circulation** 1984 Nov; 70(5):806-11

Skin blood flow and cigarette smoking: the role of vasopressin. Waeber B, et al. **Clin Exp Hypertens [A]** 1984; 6(10-11):2003-6

Livedo racemosa generalisata and stroke. de Reus R, et al. **Clin Neurol Neurosurg** 1985;87(2):143-8

The effect of the transcutaneous electrode on the variability of dermal oxygen tension changes. Spence VA, et al. **Clin Phys Physiol Meas** 1985 May;6(2):139-45

Evaluation of the transcutaneous oxygen method used at 37 degrees C for measurement of reactive hyperaemia in the skin. Ewald U. **Clin Physiol** 1984 Oct;4(5):413-23

Skin capillary blood cell velocity in patients with arterial obliterative disease and polycythaemia: a disturbed reactive hyperaemia response. Ostergren J, et al. **Clin Physiol** 1985 Feb;5(1):35-43

Vasoconstrictor and the anti-inflammatory effects of 7 corticosteroids. Crijns MB, et al. **Contact Dermatitis** 1984 Aug;11(2):108-11

Patch test irritancy quantified by laser Doppler flowmetry. Wahlberg JE, et al. **Contact Dermatitis** 1984 Oct; 11(4):257-8

Laser Doppler velocimetry as a monitor of cardiac output changes in dogs. Waxman K, et al. **Crit Care Med** 1985 Mar;13(3):194-6

A comparison of cutaneous perfusion as determined by laser Doppler velocimetry or sodium fluorescein. Lanzafame RJ, et al. **Curr Surg** 1984 Jul-Aug;41(4):271-4

Evaluation of the ischemic limb by pressure and flow measurements of the skin microcirculation as determined by laser Doppler velocimetry. Pabst TS 3d, et al. **Curr Surg** 1985 Jan-Feb;42(1):29-31

Effect of felodipine and metoprolol on muscle and skin arteries in hypertensive patients. Clement DL, et al. **Drugs** 1985;29 Suppl 2:137-43

Effect of dazoxiben, a thromboxane synthetase inhibitor on skin-blood flow following cold challenge in patients with Raynaud's phenomenon. Tindall H, et al. **Eur J Clin Invest** 1985 Feb;15(1):20-3

Nerve growth factor induces plasma extravasation in rat skin. Otten U, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):199-201

Measurement of skin and total blood flow to the rabbit lower limb by washout of freely diffusible radioactive tracers introduced intra-arterially. Adiseshiah M, et al. **Eur Surg Res** 1984;16(6):372-7

Circulatory changes in muscle and skin arteries in primary hypertension. Clement DL, et al. **Hypertension** 1984 Nov-Dec;6(6 Pt 2):III122-7 (27 ref.)

A double wavelength laser Doppler system to investigate skin microcirculation. Duteil L, et al. **IEEE Trans Biomed Eng** 1985 Jun;32(6):439-47

Optical techniques for monitoring cutaneous microcirculation. Recent applications. Guy RH, et al. **Int J Dermatol** 1985 Mar;24(2):88-94 (40 ref.)

An electron microscopic study of the small cutaneous vessels in lepromatous leprosy. Burchard GD, et al. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):70-4

The effects of intravenous insulin infusion on skin microcirculatory flow in Type 1 diabetes. Tooke JE, et al. **Int J Microcirc Clin Exp** 1985;4(1):69-83

Radioprotection of mouse skin vasculature and the RIF-1 fibrosarcoma by WR-2721. Penhaligon M. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1541-4

Neomorphogenesis of blood vessels in rabbit skin induced by a highly purified monocyte-derived polypeptide (monocyto-angiotropin) and associated tissue reactions. Höckel M, et al. **Int J Tissue React** 1984;6(4):323-31

Vascular responses to intravenous catecholamines in hands and forearms with normal and with increased skin blood flow. Allen JA, et al. **Ir J Med Sci** 1985 May;154(5):178-86

Chronic cutaneous polyarteritis nodosa simulating recurrent thrombophlebitis. Zimran A, et al. **Isr J Med Sci** 1985 Feb; 21(2):154-6

Are there age and racial differences to methyl nicotinate-induced vasodilatation in human skin? Guy RH, et al. **J Am Acad Dermatol** 1985 Jun;12(6):1001-6

Vascular lesions in pregnancy; a hypothesis [letter] Rampen FH, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):371-2

Cutaneous Pressure Plethysmography (CPP). Quantitative assessment of skin perfusion. Adler P. **J Am Podiatry Assoc** 1984 Nov;74(11):541-7

Influence of blood flow on cutaneous permeability to inert gas. Lin YC, et al. **J Appl Physiol** 1984 Oct;57(4):1167-72

Sweat rate vs. forearm blood flow during lower body negative pressure. Solack SD, et al. **J Appl Physiol** 1985 May;58(5):1546-52

Modification of the cutaneous vascular response to exercise by local skin temperature. Taylor WF, et al. **J Appl Physiol** 1984 Dec;57(6):1878-84

Theory and experiment for the effect of vascular microstructure on surface tissue heat transfer--Part II: Model formulation and solution. Jiji LM, et al. **J Biomech Eng** 1984 Nov;106(4):331-41

Theory and experiment for the effect of vascular microstructure on surface tissue heat transfer--Part I: Anatomical foundation and model conceptualization. Weinbaum S, et al. **J Biomech Eng** 1984 Nov;106(4):321-30

Laser Doppler measurements of blood flow in skin tissue. Boggett D, et al. **J Biomed Eng** 1985 Jul;7(3):225-32

Dynamics of skin microcirculation in humans. Fagrell B. **J Cardiovasc Pharmacol** 1985;7 Suppl 3:S53-8

Loss of autoregulation of blood flow in subcutaneous tissue in juvenile diabetes. Henriksen O, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 4:S666-70

Synthesis of extracellular matrix glycoproteins by cultured microvascular endothelial cells isolated from the dermis of neonatal and adult skin. Kramer RH, et al. **J Cell Physiol** 1985 Apr;123(1):1-9

Serial quantitative skin surface fluorescence: a new method for postoperative monitoring of vascular perfusion in revascularized digits. Graham BH, et al. **J Hand Surg [Am]** 1985 Mar;10(2):226-30

A study of uniaxial tension on the superficial dermal microvasculature. Barnhill RL, et al. **J Invest Dermatol** 1984 May;82(5):511-4

Effects of synthetic leukotrienes on local blood flow and vascular permeability in porcine skin. Chan CC, et al. **J Invest Dermatol** 1985 Feb;84(2):154-7

Regulation of local subcutaneous blood flow in patients with psoriasis and effects of antipsoriatic treatment on subcutaneous blood flow. Klemp P. **J Invest Dermatol** 1985 Aug;85(2):175-8

The effects of antipsoriatic treatment on cutaneous blood flow in psoriasis measured by 133Xe washout method and laser Doppler velocimetry. Klemp P, et al. **J Invest Dermatol** 1985 Sep;85(3):259-63

Local regulation of cutaneous blood flow in psoriasis. Klemp P. **J Invest Dermatol** 1984 Dec;83(6):421-5

Subcutaneous blood flow in psoriasis. Klemp P. **J Invest Dermatol** 1985 Mar;84(3):187-90

A new method for obtaining scanning electron microscopic images of the reorganization process of human dermal microvascular endothelium in vitro. Tsuji T, et al.

J Microsc 1985 Jan;137 (Pt 1):75-83

Cerebrovascular lesions and livedo reticularis (Sneddon's syndrome)--a progressive cerebrovascular disorder? Rumpl E, et al. **J Neurol** 1985;231(6):324-30

Assessment of skin ulcer healing capability by technetium-99m phosphate angiogram and blood-pool images. Alazraki N, et al. **J Nucl Med** 1985 Jun; 26(6):586-91

The response of small blood vessels in rat skin and skeletal muscle to repeated application of histamine: a chemical, topographical and electron microscopic study. Jones GM, et al. **J Pathol** 1985 Aug;146(4):291-9

Quantitative analysis of skin flap blood flow in the rat using laser Doppler velocimetry. Marks NJ. **J R Soc Med** 1985 Apr;78(4):308-14

A comparative study of skin blood flow in musculocutaneous and random pattern flaps. Gottrup F, et al. **J Surg Res** 1984 Dec;37(6):443-7

Digital cutaneous fluorometry: correlation between blood flow and fluorescence. Bongard FS, et al. **J Vasc Surg** 1984 Sep;1(5):635-41

Skin perfusion pressure in the prediction of healing in diabetic patients with ulcers or gangrene of the foot. Faris I, et al. **J Vasc Surg** 1985 Jul;2(4):536-40

Capillary blood flow: videodensitometry in the atherosclerotic patient. Schwartz RW, et al. **J Vasc Surg** 1984 Nov;1(6):800-8

Island fasciocutaneous flaps of dorsal trunk and their application to myocutaneous flap. Nakajima H, et al. **Keio J Med** 1984 May;33(2):59-82

The effect of epidermal pigmentation on selective vascular effects of pulsed laser. Tan OT, et al. **Lasers Surg Med** 1984;4(4):365-74

Free transplantation of venous network pattern skin flap: an experimental study in rabbits. Ji SY, et al. **Microsurgery** 1984;5(3):151-9

Enhancement of blood flow in experimental microvascular free flaps. Weinberg H, et al. **Microsurgery** 1985;6(2):121-4

Cutaneous postocclusive reactive hyperemia monitored by laser doppler flux metering and skin temperature. Ninet J, et al. **Microvasc Res** 1985 Jul;30(1):125-32

Periodic skin blood flow [letter] Gayiarde PM, et al. **N Engl J Med** 1985 May 2;312(18):1194-5

Skin AVA and capillary dilatation and constriction induced by local skin heating. Hales JR, et al. **Pflugers Arch** 1985 Jul;404(3):203-7

Aspects of laser light scattering from skin tissue with application to laser Doppler blood flow measurement. Gush RJ, et al. **Phys Med Biol** 1984 Dec;29(12):1463-76

Experimental studies in the survival of venous island flaps without arterial inflow. Baek SM, et al. **Plast Reconstr Surg** 1985 Jan;75(1):88-95

New concepts on the arterial vascularization of skin and muscle. Bonnel F. **Plast Reconstr Surg** 1985 Apr; 75(4):552-9

The blood supply of thigh skin. Cormack GC, et al. **Plast Reconstr Surg** 1985 Mar;75(3):342-54

Secondary critical ischemia time of experimental skin flaps. Kerrigan CL, et al. **Plast Reconstr Surg** 1984 Oct; 74(4):522-6

Pressure sores [letter] Lowthian P. **Plast Reconstr Surg** 1985 Aug;76(2):329-30

Effect of glucocorticoid treatment on skin capillary blood flow and viability in cutaneous and myocutaneous flaps in the pig. Nakatsuka T, et al. **Plast Reconstr Surg** 1985 Sep;76(3):374-85

Effects of synthetic leukotriene D-4 on the local regulation of blood flow in human subcutaneous tissue. Bisgaard H, et al. **Prostaglandins** 1985 Feb;29(2):155-9

Quantitative evaluation of the dermal vasculature of diabetics. Ajjam ZS, et al. **Q J Med** 1985 Mar; 54(215):229-39

Early changes in blood flow of the mouse skin after irradiation as measured by the 133Xe clearance method. Tsujii H, et al. **Radiat Med** 1983 Oct-Dec;1(4):320-5

Ultrastructural changes in mouse dermal capillaries induced by cytochalasin E. Sriurairatana S, et al. **Res Commun Chem Pathol Pharmacol** 1984 Sep; 45(3):379-87

The local skin blood flow in areas at risk for pressure sores treated with massage. Ek AC, et al. **Scand J Rehabil Med** 1985;17(2):81-6

Ultrastructural aspects of nailfold capillaries in a case of eosinophilic fasciitis. Cinti S, et al. **Scand J Rheumatol** 1984; 13(4):357-62

The relationship of transcutaneous PO2 and laser Doppler measurements in a human model of local arterial insufficiency. Matsen FA 3d, et al. **Surg Gynecol Obstet** 1984 Nov;159(5):418-22

Serial fluorometric documentation of fluorescein dye delivery. Silverman DG, et al. **Surgery** 1985 Feb; 97(2):185-93

Evidence for direct effect of growth hormone on capillary basement membrane thickness. Oikawa S, et al. **Tohoku J Exp Med** 1985 Jun;146(2):167-74

Evaluation by integrated thermography of the beneficial effect of cyclofenil in severe subcutaneous arterial insufficiency. Herbai G, et al. **Ups J Med Sci** 1985; 90(1):61-6

Effects of beta-adrenergic blocking drugs on arterial blood flow. Diehm C. **Vasa** 1984;13(3):201-6

Laser Doppler flux monitored cutaneous response to local cooling and heating. Ninet J, et al. **Vasa** 1985;14(1):38-43

The morphogenesis of vasculature elements in the fetal skin of sheep. Fath El-Bab MR, et al. **Z Mikrosk Anat Forsch** 1984;98(5):659-72

[Use of 32P in the assessment of circulatory reconstruction of skin flaps and its clinical application] Cao ZM. **Chung Hua Wai Ko Tsa Chih** 1984 Nov;22(11):683-4, 702 (Eng. Abstr.) **(Chi)**

[Experimental studies on the viability of ischemic skin flaps] Li WH. **Chung Hua Wai Ko Tsa Chih** 1984 Jul;22(7):417-20, 446 (Eng. Abstr.) **(Chi)**

[The oxygen content of arterial blood measured at the skin surface] Gøthgen IH. **Ugeskr Laeger** 1985 May 6; 147(19):1538-41 (Eng. Abstr.) **(Dan)**

[Postoperative measurements of the skin temperature in free skin flaps after microvascular anastomosis] Walsted A. **Ugeskr Laeger** 1985 Mar 11;147(11):947-9 (Eng. Abstr.) **(Dan)**

[Raynaud's phenomenon, laser Doppler, isothermal chamber. Exploration of normal and pathologic subjects] Boccalon H, et al. **J Mal Vasc** 1985;10(1):11-6 (Eng. Abstr.) **(Fre)**

[Diffuse cutaneous vasculitis disclosing acute lymphoblastic leukemia] Marandian MH, et al. **Pediatrie** 1985 Apr-May; 40(3):229-33 (Eng. Abstr.) **(Fre)**

[Diagnosis of microangiopathy by measurement of cutaneous circulation] Kuiper JP, et al. **Phlebologie** 1984 Jul-Sep; 37(3):297-301 (Eng. Abstr.) **(Fre)**

[Immunoglobulin A deposits in the dermal vessels in alcoholic hepatopathies (letter)] Godard W, et al. **Presse Med** 1984 Dec 22;13(46):2815 **(Fre)**

[Is capillaroscopy important in venous insufficiency of the legs? (letter)] Priollet P, et al. **Presse Med** 1985 Feb 9; 14(5):282 **(Fre)**

[Bone and skin vascularization of the lower 4th of the leg] Aubry P, et al. **Rev Chir Orthop** 1984;70(8):589-97 (Eng. Abstr.) **(Fre)**

[Role of vasopressin in reducing the cutaneous blood flow induced by cigarette smoke] Schaller MD, et al. **Schweiz Med Wochenschr** 1984 Dec 8;114(49):1844-5 (Eng. Abstr.) **(Fre)**

[Effect of buflomedil on microcirculation of the skin in acral gangrene] Fagrell B, et al. **Fortschr Med** 1985 Jan 10; 103(1-2):23-7 (Eng. Abstr.) **(Ger)**

[Prognosis of chronic polyarthritis. Significance of immune complex deposits in skin blood vessels] Mielke H. **Fortschr Med** 1985 May 23;103(20):553-5 (Eng. Abstr.) **(Ger)**

[Circulation in myocutaneous flaps in the area of the tibia] Berger A, et al. **Handchir Mikrochir Plast Chir** 1985 May; 17(3):161-5 (Eng. Abstr.) **(Ger)**

[Early and late results of conservative therapy in patients with peripheral arterial circulatory disorders of clinical stage IV] Rieger H, et al. **Vasa** 1984;Suppl 12:124-32 (Eng. Abstr.) **(Ger)**

[Peripheral arterial microembolisms--literature review and personal observations] Schmidtke I. **Vasa** 1984;Suppl 12:114-23 (Eng. Abstr.) **(Ger)**

[Ultrastructural changes in cutaneous capillaries in diabetes and porphyria cutanea tarda] Bucciarelli E, et al. **G Ital Dermatol Venereol** 1984 Jan-Feb;119(1):25-32 (Eng. Abstr.) **(Ita)**

[Dysmetabolic cutaneous microangiopathies. Histochemical and histoimmunological characteristics] Lisi P. **G Ital Dermatol Venereol** 1984 Jan-Feb;119(1):17-23 (Eng. Abstr.) **(Ita)**

[Anatomy and physiology of cutaneous microcirculation] Lombardi G, et al. **G Ital Dermatol Venereol** 1984 Jan-Feb; 119(1):7-15 (34 ref.) (Eng. Abstr.) **(Ita)**

[Cutaneous arteriosclerotic microangiopathy] Trevisan G. **G Ital Dermatol Venereol** 1984 Jan-Feb;119(1):33-8 (Eng. Abstr.) **(Ita)**

[Blood pressure of the fingers of patients with progressive systemic sclerosis] Mizutani H, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Aug;94(9):1015-20 **(Jpn)**

[Fundamental studies on the measurement of skin blood flow by a periflux laser doppler flowmeter and its clinical application] Hatanaka H, et al. **Rinsho Byori** 1984 Sep; 32(9):1025-8 **(Jpn)**

[Fasciocutaneous flap on the leg. Anatomical study of the vascularization and clinical applications] Fontana C, et al. **Rev Paul Med** 1984 Nov-Dec;102(6):260-3 (Eng. Abstr.) **(Por)**

[Alkaline phosphatase of the cutaneous glands and vessels in the rat and mouse] Sokolov VE, et al. **Dokl Akad Nauk SSSR** 1985;281(6):1450-4 **(Rus)**

[Measurement of oxygen consumption and blood flow in the skin by the method of transcutaneous determination of oxygen tension] Kobuliia BG, et al. **Fiziol Zh** 1985 May-Jun;31(3):370-4 **(Rus)**

[Comparative study of the laws governing cutaneous blood flow in the thermoneutral zone] Bedrov IaA, et al. **Fiziol Zh SSSR** 1984 Nov;70(11):1518-26 (Eng. Abstr.) **(Rus)**

[Characteristics of the blood supply and oxygenation of the skin in maxillofacial phlegmon] Sudorgin SS. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):27-9 (Eng. Abstr.) **(Rus)**

[The state of microcirculation, hemoperfusion and tissue oxygen consumption in patients with ischemic heart disease and angina pectoris] Achilov AA, et al. **Ter Arkh** 1984; 56(8):39-43 (Eng. Abstr.) **(Rus)**

[Evaluation of the photon correlation method of measuring skin blood flow and its use in the diagnosis of microcirculation disorders in patients with diabetes mellitus] Mazovetskiĭ AG, et al. **Ter Arkh** 1984;56(8):140-3 (Eng. Abstr.) **(Rus)**

[Ultrastructure of the microcirculatory bed of the vascular layer of human dermis] Al'banova VI, et al. **Vestn Dermatol Venerol** 1985 Jan;(1):33-7 (Eng. Abstr.) **(Rus)**

[Morphological changes in capillaries in new foci of psoriatic lesions] Al'banova VI, et al. **Vestn Dermatol Venerol** 1984 Dec;(12):13-7 (Eng. Abstr.) **(Rus)**

[Microcirculatory disorders in vasculitis of the skin] Ivanov OL, et al. **Vestn Dermatol Venerol** 1984 Sep;(9):23-6 (Eng. Abstr.) **(Rus)**

[Mondor's disease] Zaĭtseva LI, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):43-5 (Eng. Abstr.) **(Rus)**

[Thermography in healthy subjects and in the syndrome of vegetative-vascular dystonia] Solov'eva AD, et al. **Zh Nevropatol Psikhiatr** 1985;85(6):905-10 (Eng. Abstr.) **(Rus)**

[Autonomic shunting in complete traumatic transection of the spinal cord] Borshchagovskiĭ ML, et al. **Zh Vopr Neirokhir** 1985 Jan-Feb;(1):43-8 (Eng. Abstr.) **(Rus)**

CYTOLOGY

The functions of polymorphonuclear leukocytes emigrating into the skin. Csato M, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):106-10

Phenotypic characterization of skin-infiltrating cells in pagetoid reticulosis by monoclonal antibodies. Gonzalez M, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):421-4

A histochemical method able to detect vitamins D and to discriminate it from cholesterol and its esters. Hadler WA, et al. **Acta Histochem (Jena)** 1985;76(2):177-82

Cytofluorometric study of thiol and disulphide groups in guinea pig epidermis. Nomura H, et al. **Acta Histochem (Jena)** 1985;76(2):213-8

Reconstitution of the epidermal basement membrane after enzymatic dermal-epidermal separation of embryonic mouse skin. Bard S, et al. **Arch Anat Microsc Morphol Exp** 1984;73(4):239-57

Regulation of the expression of epidermal keratinocyte proliferation and differentiation by vitamin A analogs. Marcelo CL, et al. **Arch Dermatol Res** 1984;276(6):381-9

Effect of zinc pyrithione on mitotic activity in normal human skin. Pearse AD, et al. **Arch Dermatol Res** 1985; 277(2):118-20

Mitogenic effects of sera from normal and psoriatic subjects on human skin fibroblasts. Priestley GC, et al. **Arch Dermatol Res** 1985;277(1):13-5

Relationship between cell density and prolidase activity in human skin fibroblasts: effects of ascorbate and fructose. Myara I, et al. **Biochimie** 1984 Jun;66(6):445-9

The influence of corneocyte overlap on the measurement of stratum corneum cell layers [letter] Grattan CE, et al. **Br J Dermatol** 1985 Aug;113(2):247-9

Skin fibroblasts from humans genetically predisposed to colon cancer are abnormally sensitive to SV40. Kopelovich L. **Cancer Invest** 1984;2(5):333-8

Use of a new citrulline incorporation assay to investigate inhibition of intercellular communication by 1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane in human fibroblasts. Davidson JS, et al. **Cancer Res** 1985 Feb; 45(2):515-9

Simple epithelial nature of some simian virus-40-transformed human epidermal keratinocytes. Hronis TS, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5797-804

Avian skin embryonal fibroblasts heterogeneity for lectins surface receptors. Caruso A, et al. **Cell Biol Int Rep** 1985 Aug;9(8):709-14

Epidermal tissue homeostasis. II. Cell pool size, cell birth rate and cell loss in toads deprived of the pars distalis of the pituitary gland. Budtz PE. **Cell Tissue Kinet** 1985 Sep; 18(5):533-42

Epidermal tissue homeostasis. I. Cell pool size, cell birth rate and cell loss by moulting in the intact toad, Bufo bufo. Budtz PE. **Cell Tissue Kinet** 1985 Sep;18(5):521-32

DNA synthesis rate changes during the S phase in mouse epidermis. Clausen OP, et al. **Cell Tissue Kinet** 1985 Jul; 18(4):445-55

Basal-cell subpopulations and cell-cycle kinetics in human epidermal explant cultures. Jensen PK, et al. **Cell Tissue Kinet** 1985 Mar;18(2):201-15

Pig epidermis: a cell kinetic study. Morris GM, et al. **Cell Tissue Kinet** 1985 Jul;18(4):407-15

Cell kinetic studies in the epidermis of mouse. III. The percent labelled mitosis (PLM) technique. Potten CS, et al. **Cell Tissue Kinet** 1985 Jan;18(1):59-70

Different epidermal cell kinetic effects of hydroxyurea when injected at two different times of the day. Thorud E, et al. **Cell Tissue Kinet** 1984 Nov;17(6):549-56

The epidermal Merkel cell is an epithelial cell. Saurat JH, et al. **Dermatologica** 1984;169(3):117-20

Altered growth kinetics of dermal fibroblasts and arterial smooth muscle cells from spontaneously diabetic BB rats. Bowersox JC, et al. **Diabetes** 1985 Jul;34(7):628-33

Metabolism of low-density lipoprotein from patients with diabetic hypertriglyceridemia by cultured human skin fibroblasts. Hiramatsu K, et al. **Diabetes** 1985 Jan;34(1):8-14

Retinoids alter the direction of differentiation in primary cultures of cutaneous keratinocytes. Brown R, et al. **Differentiation** 1985;28(3):268-78

Identification of Merkel cells in human skin by specific cytokeratin antibodies: changes of cell density and distribution in fetal and adult plantar epidermis. Moll R, et al. **Differentiation** 1984;28(2):136-54

Role of cytoskeletal elements in the retractile activity of human skin fibroblasts. Azzarone B, et al. **Exp Cell Res** 1984 Nov;155(1):299-304

Complementary adhesive responses of human skin fibroblasts to the cell-binding domain of fibronectin and the heparan sulfate-binding protein, platelet factor-4. Beyth RJ, et al. **Exp Cell Res** 1984 Dec;155(2):537-48

The heterogeneity of human fibroblasts as determined from the effects of hydrocortisone on cell growth and specific dexamethasone binding. Kondo H, et al. **Exp Cell Res** 1985 Jun;158(2):342-8

Age-dependent metabolic changes in cultured human fibroblasts. Muggleton-Harris AL, et al. **In Vitro Cell Dev Biol** 1985 May;21(5):271-6

An assessment of Langerhans cell quantification in tissue sections. Horton JJ, et al. **J Am Acad Dermatol** 1984 Oct; 11(4 Pt 1):591-3

A factor produced by cultured rat Leydig tumor (Rice 500) cells associated with humoral hypercalcemia stimulates adenosine 3',5'-monophosphate production via the parathyroid hormone receptor in human skin fibroblasts. Silve C, et al. **J Clin Endocrinol Metab** 1985 Jun; 60(6):1144-7

Modulation of procollagen gene expression by retinoids. Inhibition of collagen production by retinoic acid accompanied by reduced type I procollagen messenger ribonucleic acid levels in human skin fibroblast cultures. Oikarinen H, et al. **J Clin Invest** 1985 May;75(5):1545-53

Ultrastructural study of epithelial cell attachment to implant materials. Jansen JA, et al. **J Dent Res** 1985 Jun;64(6):891-6

The pigmentary system: new interpretations of old data. Nordlund JJ. **J Dermatol (Tokyo)** 1985 Apr;12(2):105-16 (72 ref.)

Exogenous glycosaminoglycans (GAG) are able to modulate avian skin differentiation (epithelial keratinization and feather formation). Becchetti E, et al. **J Embryol Exp Morphol** 1984 Aug;82:25-40

Inability of newt epidermal cells to migrate over concanavalin A-coated substrates. Donaldson DJ, et al. **J Exp Zool** 1984 Aug;231(2):211-9

Application of a new method of antibody-enzyme conjugation with maleimide derivative for immunohistochemistry: hepatocellular production, interstitial tissue distribution, and renal cell reabsorption of plasma albumin in guinea pig. Tsuruta J, et al. **J Histochem Cytochem** 1985 Aug;33(8):767-77

The in vitro photosensitivity of systemic lupus erythematosus skin fibroblasts. Zamansky GB, et al. **J Immunol** 1985 Mar; 134(3):1571-6

Psoralens increase the concentration of cyclic AMP in human cells in vitro. Albrightson CR, et al. **J Invest Dermatol** 1985 Sep;85(3):264-8

Studies on histamine secretion from enzymically dispersed cutaneous mast cells of the rat. Barrett KE, et al. **J Invest Dermatol** 1985 Jan;84(1):22-6

Fibronectin, as well as other extracellular matrix proteins, mediate human keratinocyte adherence. Clark RA, et al. **J Invest Dermatol** 1985 May;84(5):378-83

Arachidonic acid metabolism in cultured mouse keratinocytes. Kondoh H, et al. **J Invest Dermatol** 1985 Jul;85(1):64-9

Possible functions of 1 alpha,25-dihydroxyvitamin D3, an active form of vitamin D3, in the differentiation and development of skin [editorial] Kuroki T. **J Invest Dermatol** 1985 Jun;84(6):459-60

Ionic calcium reservoirs in mammalian epidermis: ultrastructural localization by ion-capture cytochemistry. Menon GK, et al. **J Invest Dermatol** 1985 Jun;84(6):508-12

Heterogeneity of basal keratinocytes: nonrandom distribution of thymidine-labeled basal cells in confluent cultures is not a technical artifact. Milstone LM, et al. **J Invest Dermatol** 1985 Jun;84(6):504-7

Cells of extramammary Paget's disease express cytokeratins different from those of epidermal cells. Moll I, et al. **J Invest Dermatol** 1985 Jan;84(1):3-8

Localization of bullous pemphigoid antigen (BPA) in isolated human keratinocytes. Regnier M, et al. **J Invest Dermatol** 1985 Sep;85(3):187-90

A comparison of glycosaminoglycan synthesis by human fibroblasts from normal skin, normal scar, and hypertrophic scar. Savage K, et al. **J Invest Dermatol** 1985 Jun; 84(6):521-6

FACS purification of bone marrow-derived epidermal populations in mice: Langerhans cells and Thy-1+ dendritic cells. Sullivan S, et al. **J Invest Dermatol** 1985 Jun;84(6):491-5

Effects of alpha and beta interferons on cultured human keratinocytes. Yaar M, et al. **J Invest Dermatol** 1985 Jul; 85(1):70-4

Lipoxygenation of arachidonic acid by subcellular preparations from murine keratinocytes. Ziboh VA, et al. **J Invest Dermatol** 1984 Oct;83(4):248-51

Labelling of gingival and dermal mast cells with and without degranulation by 48/80. Farnoush A, et al. **J Periodont Res** 1985 Jan;20(1):72-8

Patients with tuberous sclerosis have fibroblasts with normal limits for growth characteristics and sensitivities to DNA alkylating agents. Ohno K, et al. **Jinrui Idengaku Zasshi** 1984 Sep;29(3):359-69

Neuroendocrine (Merkel) cells of the skin: hyperplasias, dysplasias, and neoplasms. Gould VE, et al. **Lab Invest** 1985 Apr;52(4):334-53 (144 ref.)

Ultrastructural documentation of M241 glycoprotein on dendritic and endothelial cells in normal human skin. Murphy GF, et al. **Lab Invest** 1985 Mar;52(3):264-9

ATP ase-positive and metallophilic cells in the skin of frog, Rana catesbeiana. Banerjee TK, et al. **Nagoya J Med Sci** 1985 Mar;47(3-4):83-90

Keratinocytes blocked in phorbol ester-responsive early stage of terminal differentiation by sarcoma viruses. Yuspa SH, et al. **Nature** 1985 Apr 4-10;314(6010):459-62

Cell size as a determinant of the clone-forming ability of human keratinocytes. Barrandon Y, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5390-4

Epidermal cellular proliferation and differentiation in sexually mature male Salmo salar with androgen levels depressed by oil. Burton D, et al. **Proc R Soc Lond [Biol]** 1985 Jul 22;225(1238):121-8

Controlled culture of adult human skin: characterization. Kulesz-Martin MF, et al. **Scan Electron Microsc** 1984;(Pt 4):1963-71

Effect of high-density lipoproteins on cholesterol efflux and esterification in lipid-enriched human skin fibroblasts. Evensen SA, et al. **Scand J Gastroenterol [Suppl]** 1985; 107:61-6

Neoplastic transformation of human epidermal keratinocytes by AD12-SV40 and Kirsten sarcoma viruses. Rhim JS, et al. **Science** 1985 Mar 8;227(4691):1250-2

Epithelial locomotion and differentiation in frog skin cultures. Denefle JP, et al. **Tissue Cell** 1984;16(4):499-517

Differentiation of normal and malignant human squamous epithelium in vivo and in vitro: a morphologic study. Knight J, et al. **Ultrastruct Pathol** 1984;7(2-3):133-41

Morphological variations in keratinising epithelia in the beagle. Lansdown AB. **Vet Rec** 1985 Feb 2;116(5):127-30

Is the Merkel cell a secondary sensory cell? (A contribution to the classification of merkel cell neurite complexes). Malinovský L, et al. **Z Mikrosk Anat Forsch** 1985; 99(1):119-28 (47 ref.)

[Cell proliferation during cicatrization of the integument in the 5 day chick embryo] Thevenet A. **Arch Anat Microsc Morphol Exp** 1984;73(2):121-32 (Eng. Abstr.) **(Fre)**

[Cytologic and histologic studies of hormone dependence of the skin of the external female genitalia] Nauth HF, et al. **Geburtshilfe Frauenheilkd** 1984 Jul;44(7):451-9 (Eng. Abstr.) **(Ger)**

[Scanning electron microscopic observations and analysis of growth kinetics of the fibroblasts in vitro--comparison between normal skin and abnormal scars] Oku T, et al. **Nippon Hifuka Gakkai Zasshi** 1984 May;94(6):657-64 **(Jpn)**

[Cell biological study on ataxia-telangiectasia] Ohta S, et al. **No To Hattatsu** 1985 Jan;17(1):10-6 (Eng. Abstr.) **(Jpn)**

[Dynamics of the ultrastructure of fibroblasts during pre- and postnatal development of the dermis in the rat according to electronic morphometry] Radostina AI. **Arkh Anat Gistol Embriol** 1985 Apr;88(4):76-80 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Skin irritancy from propylene glycol. Wahlberg JE, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):286-90

Actions of disodium cromoglycate (DSCG) on human skin responses to histamine, codeine and Paf-acether. Archer CB, et al. **Agents Actions** 1985 Mar;16(1-2):6-8

Actions of prostaglandin E2 metabolites on skin microcirculation. Kingston WP, et al. **Agents Actions** 1985 Mar;16(1-2):13-4

Comparison of histamine release in human skin mast cells induced by morphine, fentanyl, and oxymorphone. Hermens JM, et al. **Anesthesiology** 1985 Feb;62(2):124-9

Intravenous extravasation injuries: the effectiveness of hyaluronidase in their treatment. Laurie SW, et al. **Ann Plast Surg** 1984 Sep;13(3):191-4

Effects of local anesthetics on phorbol ester-induced ornithine decarboxylase activity in mouse and human skin. Loprinzi CL, et al. **Anticancer Res** 1984 Nov-Dec; 4(6):363-6

Phenytoin modulates connective tissue metabolism and cell proliferation in human skin fibroblast cultures. Moy LS, et al. **Arch Dermatol** 1985 Jan;121(1):79-83

Effects of histamine on collagen synthesis by cultured fibroblasts derived from guinea pig skin. Hatamochi A, et al. **Arch Dermatol Res** 1985;277(1):60-4

Effects of retinoic acid on adult human epidermis in whole skin organ culture. Tammi R, et al. **Arch Dermatol Res** 1985;277(4):276-83

Comparison of various pharmaceutical preparations of prednicarbate after repeated topical administration to the skin of rats. Vogel HG, et al. **Arzneimittelforschung** 1985; 35(6):939-46

Histological study of local skin injected with adjuvant-active and -inactive muramyl dipeptide (MDP) (histological change in MDP injected skin. Okuyama H, et al. **Asian Pac J Allergy Immunol** 1983 Dec;1(2):89-96

Reduction by N-(6-aminohexyl)-5-chloro-1-naphthalenesulfonamide (W-7), a calmodulin antagonist, in the number of phorbol ester receptors in mouse skin. Nishino H, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):726-30

Human breast milk stimulates prostaglandin synthesis in cultured human skin fibroblasts. Subbiah MT, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):972-6

Physiologic effects of columbinic acid and its metabolites on rat skin. Elliott WJ, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):158-60

Inhibition of phorbol ester-caused synthesis of mouse epidermal ornithine decarboxylase by retinoic acid. Verma AK. **Biochim Biophys Acta** 1985 Jul 30;846(1):109-19

Action of phenylalanine mustard on collagen in vivo. Jendryczko A, et al. **Biomed Biochim Acta** 1985; 44(3):497-500

Pharmacological actions of leukotrienes in the skin. Ford-Hutchinson AW, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:95-7

The effect of anthralin (dithranol) on mitochondria. Morlière P, et al. **Br J Dermatol** 1985 May;112(5):509-15

Hand harvester exposure to maleic hydrazide (MH) in flue-cured tobacco. Herman ND, et al. **Bull Environ Contam Toxicol** 1985 Apr;34(4):469-75

Cutaneous changes during prolonged application of 12-O-tetradecanoylphorbol-13-acetate on mouse skin and residual effects after cessation of treatment. Aldaz CM, et al. **Cancer Res** 1985 Jun;45(6):2753-9

Suppression of tumor promoter-induced chemiluminescence in mouse epidermal cells by several inhibitors of arachidonic acid metabolism. Fischer SM, et al. **Cancer Res** 1985 Jul;45(7):3130-6

Localized subcutaneous toxicity following bleomycin administration [letter] Strauman JJ, et al. **Cancer Treat Rep** 1985 May;69(5):561-2

Normal and transformed human prokeratinocytes express divergent effects of a tumor promoter on cell cycle-mediated control of proliferation and differentiation. Wille JJ Jr, et al. **Carcinogenesis** 1985 Aug;6(8):1181-7

The mechanism of action of 4-hydroxynonenal in cell injury. White JS, et al. **Chem Biol Interact** 1984 Dec;52(2):233-41

Effect of disodium cromoglycate on anti-IgE induced early and late skin response in humans. Grönneberg R, et al. **Clin Allergy** 1985 Mar;15(2):167-71

Vulnerability of the skin to surfactants in different groups of eczema patients and controls as measured by water vapour loss. van der Valk PG, et al. **Clin Exp Dermatol** 1985 Mar;10(2):98-103

Eczematous (irritant and allergic) reactions of the skin and barrier function as determined by water vapour loss. van der Valk PG, et al. **Clin Exp Dermatol** 1985 May; 10(3):185-93

Prostaglandins and nicotinate-provoked increase in cutaneous blood flow. Wilkin JK, et al. **Clin Pharmacol Ther** 1985 Sep;38(3):273-7

Reactions to cyanoacrylate adhesives: 'instant glue'. Fisher AA. **Cutis** 1985 Jan;35(1):18, 20, 22 passim

The influence of low concentrations of irritants on skin barrier function as determined by water vapour loss. van der Valk PG, et al. **Derm Beruf Umwelt** 1985;33(3):89-91

Domoprednate (Stermonid), a topical D-homocorticosteroid, skin atrophy and telangiectasia. A double-blind, randomized comparison with hydrocortisone butyrate, betamethasone valerate, clobetasole propionate and placebo. Serup J, et al. **Dermatologica** 1985;170(4):189-94

Effect of topically applied steroidal and nonsteroidal anti-inflammatory agents on skin repair and regeneration. Alvarez OM, et al. **Fed Proc** 1984 Oct;43(13):2793-8

Effect of vitamin A palmitate on diphosphopyridine nucleotide activity in DMBA-induced hyperplastic toad skin. Abdelmegid N, et al. **Folia Morphol (Praha)** 1985; 33(2):156-8

Proceedings of an International Workshop on Irritation Testing of Skin and Mucous Membranes. 3-5 April 1984, Kartause Ittingen, Switzerland. **Food Chem Toxicol** 1985 Feb;23(2):135-338

Review on skin and mucous-membrane irritation tests and their application. Bosshard E. **Food Chem Toxicol** 1985 Feb; 23(2):149-54 (67 ref.)

Overview of animal test methods for skin irritation. Gfeller W, et al. **Food Chem Toxicol** 1985 Feb;23(2):165-8

The mouse intradermal test, a well-established and reliable model in skin tolerance testing. Gloxhuber C, et al. **Food Chem Toxicol** 1985 Feb;23(2):195-7

Acute skin toxicity reactions in man--tests and mechanisms. Marks R, et al. **Food Chem Toxicol** 1985 Feb;23(2):155-63

An in vitro epidermal slice technique for identifying chemicals with potential for severe cutaneous effects. Oliver GJ, et al. **Food Chem Toxicol** 1985 Feb;23(2):229-32

Relevance of in vitro tests to in vivo acute skin inflammation: potential in vitro applications of skin keratome slices, neutrophils, fibroblasts, mast cells and macrophages. Parish WE. **Food Chem Toxicol** 1985 Feb;23(2):275-85

Studies on the design of animal tests for the corrosiveness of industrial chemicals. Potokar M, et al. **Food Chem Toxicol** 1985 Jun;23(6):615-7

Quantitative assessment of irritation in the mouse skin test. Walz D. **Food Chem Toxicol** 1985 Feb;23(2):199-203

Sensitivity and specificity of salamandrid integumental transepithelial potential to prolactin. Brown PS, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):56-63

Effects of lysine-vasopressin (LVP) and 1-deamino-8-D-arginine-vasopressin (dDAVP) upon electrical potential, short-circuit current and transepithelial D.C. resistance of the frog skin. Bakoš P, et al. **Gen Physiol Biophys** 1984 Aug;3(4):297-305

Effect of prolactin on short circuit current, potential and electrical resistance across isolated frog skin. Bliss DJ, et al. **Horm Metab Res** 1985 May;17(5):234-6

Membrane-mediated responses to 12-O-tetradecanoylphorbol-13-acetate in human skin fibroblasts. Kinsella AR, et al. **IARC Sci Publ** 1984;(56):177-88

Permeability-increasing ability of PAF-acether in rat skin. Gerdin B, et al. **Inflammation** 1985 Mar;9(1):107-12

On the use of cell cultures in skin toxico-pharmacology. Prunieras M. **Int J Dermatol** 1985 Mar;24(2):98-100

An animal model for aseptic necrosis after intramuscular injections. Müller-Vahl H, et al. **Int J Tissue React** 1984;6(3):251-4

Irritant diterpene ester promoters of mouse skin: contributions to etiologies of environmental cancer and to biochemical mechanisms of carcinogenesis. Hecker E, et al. **Int Symp Princess Takamatsu Cancer Res Fund** 1983;14:3-36

Increase in histidine decarboxylase activity in mouse skin after application of tumor promoters. Kitamura Y, et al. **Int Symp Princess Takamatsu Cancer Res Fund** 1983;14:327-34

Hyperkeratinization, corneocyte cohesion, and alpha hydroxy acids. Van Scott EJ, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):867-79

Supplemental biotin for swine. III. Influence of supplementation to corn- and wheat-based diets on the incidence and severity of toe lesions, hair and skin characteristics and structural soundness of sows housed in confinement during four parities. Bryant KL, et al. **J Anim Sci** 1985 Jan;60(1):154-62

The metabolic transformations of columbinic acid and the effect of topical application of the major metabolites on rat skin. Elliott WJ, et al. **J Biol Chem** 1985 Jan 25;260(2):987-92

Inhibition of phorbol ester--induced human epidermal ornithine decarboxylase activity by oral compounds: a possible role in human chemoprevention studies. Loprinzi CL, et al. **J Clin Oncol** 1985 Jun;3(6):751-7

Cutaneous busulfan effect in patients receiving bone-marrow transplantation. Hymes SR, et al. **J Cutan Pathol** 1985 Apr;12(2):125-9

Injectable collagen implant: histopathologic identification and longevity of correction. Robinson JK, et al. **J Dermatol Surg Oncol** 1985 Feb;11(2):124-30

The relationship between dermal pesticide exposure by fruit harvesters and dislodgeable foliar residues. Zweig G, et al. **J Environ Sci Health [B]** 1985 Feb;20(1):27-59

Cutaneous mast cell depletion results from topical corticosteroid usage. Lavker RM, et al. **J Immunol** 1985 Oct;135(4):2368-73

Cutaneous responses to 12-hydroxy-5,8,10,14-eicosatetraenoic acid (12-HETE). Dowd PM, et al. **J Invest Dermatol** 1985 Jun;84(6):537-41

Sebaceous gland hyperplasia on rabbit pinna induced by tetradecane. Ito M, et al. **J Invest Dermatol** 1985 Sep;85(3):249-54

Histologic changes produced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the skin of mice carrying mutations that affect the integument. Poland A, et al. **J Invest Dermatol** 1984 Dec;83(6):454-9

Cutaneous and pulmonary histopathological responses to platelet activating factor (Paf-acether) in the guinea-pig. Dewar A, et al. **J Pathol** 1984 Sep;144(1):25-34

The application of irritant chemicals selectively to the skin of the leech ganglion/body wall preparation. Weston KM, et al. **J Pharmacol Methods** 1984 Dec;12(4):285-97

Frog skin epithelium interactions with a bovine purified type I collagen gel in culture. Denèfle JP, et al. **J Submicrosc Cytol** 1985 Jan;17(1):41-7

Vinca alkaloid skin toxicity: antidote and drug disposition studies in the mouse. Dorr RT, et al. **JNCI** 1985 Jan;74(1):113-20

Inhibition of 12-O-tetradecanoylphorbol-13-acetate-induced increase in vascular permeability in mouse skin by lipoxygenase inhibitors. Nakadate T, et al. **Jpn J Pharmacol** 1985 Jun;38(2):161-8

Characterization of cutaneous vascular permeability induced by platelet-activating factor in guinea pigs and rats and its inhibition by a platelet-activating factor receptor antagonist. Hwang SB, et al. **Lab Invest** 1985 Jun;52(6):617-30

Effect of bradykinin on prostaglandin production by human skin fibroblasts in culture. Jelsema CL, et al. **Methods Enzymol** 1985;109:480-503

Chronic cutaneous effects of long-term psoralen and ultraviolet radiation therapy in patients with vitiligo. Harrist TJ, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:191-6

Psoralens and ocular effects in man and animals: in vivo monitoring of human ocular and cutaneous manifestations. Lerman S. **Natl Cancer Inst Monogr** 1984 Dec;66:227-33

Cellular pH and the ADH-induced hydrosmotic response in different ADH target epithelia. Parisi M, et al. **Pflugers Arch** 1984 Oct;402(2):211-5

Evidence for the role of calcium in the hydrosmotic response to antidiuretic hormone in frog skin. Svelto M, et al. **Pflugers Arch** 1984 Oct;402(2):166-70

8-Methoxypsoralen plasma levels and phototoxic effect. De Bersaques J, et al. **Photodermatol** 1984 Apr;1(2):79-84

Procaine effect on the active and passive ionic transport through isolated epithelia. Rucăreanu C, et al. **Physiologie** 1985 Apr-Jun;22(2):109-15

Polycyclic aromatic hydrocarbon mutagenesis of human epidermal keratinocytes in culture. Allen-Hoffmann BL, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7802-6

'Comparative analysis: 4% chlorhexidine gluconate versus 7.5% povidone-iodine surgical scrubs in bone marrow transplant recipients'. Baker KA, et al. **Prog Clin Biol Res** 1985;181:443-6

An association between cutaneous sensitivity to histamine and HLA phenotype. Stuckey MS, et al. **Tissue Antigens** 1984 Sep;24(3):170-3

Pyrethroid-mediated skin sensory stimulation characterized by a new behavioral paradigm. Cagen SZ, et al. **Toxicol Appl Pharmacol** 1984 Nov;76(2):270-9

Acrylamide preferentially affects slowly adapting cutaneous mechanoreceptors. Goldstein BD. **Toxicol Appl Pharmacol** 1985 Sep 30;80(3):527-33

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) enhances terminal differentiation of cultured human epidermal cells. Osborne R, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):434-43

Cutaneous and auditory function in rats following methyl mercury poisoning. Wu MF, et al. **Toxicol Appl Pharmacol** 1985 Jul;79(3):377-88

[Quantitative determination of the irritating effect on human skin of butanol, octanol, acetaldehyde and crotonaldehyde] Bainova A, et al. **Probl Khig** 1984;9:66-72 (Eng. Abstr.) **(Bul)**

[Irritant effect of tensides on occupational dermatitis patients in hairdressing and nursing occupations. Comparative studies of healthy persons and neurodermatitis patients] Gloor M, et al. **Derm Beruf Umwelt** 1985;33(3):86-9 (Eng. Abstr.) **(Ger)**

[Epidermal reaction kinetics following benzol contact] Wohlrab W, et al. **Derm Beruf Umwelt** 1984;32(6):211-4 (Eng. Abstr.) **(Ger)**

[Penetration kinetics and effectiveness of urea in human skin following removal of the stratum corneum] Wohlrab W. **Dermatol Monatsschr** 1984;170(12):743-9 (Eng. Abstr.) **(Ger)**

[Effect of dithranol on epidermal proliferation by urea modification] Wohlrab W. **Dermatol Monatsschr** 1985;171(2):85-90 (Eng. Abstr.) **(Ger)**

[Protection of the skin surface film by cosmetic cream] Würbach G, et al. **Dermatol Monatsschr** 1985;171(3):162-6 (Eng. Abstr.) **(Ger)**

[Modification of skin surface film by tenside/lipid mixtures] Würbach G, et al. **Dermatol Monatsschr** 1985;171(6):380-7 (Eng. Abstr.) **(Ger)**

[Keratoplastic effect of salicyclic acid, sulfur and a tensio-active mixture] Gloor M, et al. **Z Hautkr** 1984 Dec 15;59(24):1657-60 (Eng. Abstr.) **(Ger)**

[Skin tanning and light protection--basis, agents and analytical aspects. 2. Light protection and light protective agents] Matissek R. **Z Lebensm Unters Forsch** 1984 Dec;179(6):432-9 **(Ger)**

[Methodologic aspects of an in vitro model of photosensitization] Rytter M, et al. **Z Med Lab Diagn** 1984;25(7):392-6 (Eng. Abstr.) **(Ger)**

[Chronic toxicity study on difluprednate in dogs] Higuchi T, et al. **J Toxicol Sci** 1985 May;10(2):107-34 (Eng. Abstr.) **(Jpn)**

[Induction of sensitivity of a fibroblast culture to hypophyseal somatotropin by a thermostable blood serum factor] Bulitov AA, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):720-3 (Eng. Abstr.) **(Rus)**

[Effect of dibunol liniment on posttraumatic skin regeneration in mice] Krutova TV, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):471-3 (Eng. Abstr.) **(Rus)**

[Co2+ activation and D-600 inhibition of sodium transport across the apical membrane of skin epithelial cells in the frog] Natochin IuV. **Dokl Akad Nauk SSSR** 1985;281(5):1273-6 **(Rus)**

[Problems of hygienic standardization of maximum permissible levels of skin contamination with chemical substances] Kundiev IuI, et al. **Gig Sanit** 1985 Feb;(2):6-9 (Eng. Abstr.) **(Rus)**

[Skin vascular reactivity to noradrenaline in healthy subjects and hypertensives based on data from a method continuously recording the intensity of reflected light] Oshchepkova EV, et al. **Kardiologiia** 1985 Mar;25(3):22-6 (Eng. Abstr.) **(Rus)**

[Tolerance of acrylate gels for topical use] Alchangian LV, et al. **Vestn Dermatol Venerol** 1984 Nov;(11):50-3 (Eng. Abstr.) **(Rus)**

[Biological properties of acetomepregenol ointment on the hydrophilic base CACAP] Alchangian LV, et al. **Vestn Dermatol Venerol** 1984 Dec;(12):52-5 (Eng. Abstr.) **(Rus)**

[Use of the generalized theory of probability in hygienic studies] Voloshchenko OI, et al. **Vrach Delo** 1985 Feb;(2):101-3 **(Rus)**

[Resistance of the skin to the effects of alkalies and acids in relation to the physiologic pH of the skin] Vuleta G, et al. **Srp Arh Celok Lek** 1984 Oct;112(10):1065-70 (Eng. Abstr.) **(Scc)**

['In vivo' immunologic and compound 48-80 degranulation of cutaneous rat mast cells] Gisbert M, et al. **Arch Farmacol Toxicol** 1984 Apr;10(1):39-44 (Eng. Abstr.) **(Spa)**

[Skin irritations from chemicals--2 objective, predictive test methods] Wahlberg JE. **Lakartidningen** 1985 Mar 13;82(11):952-3, 955 **(Swe)**

EMBRYOLOGY

Effect of hydrocortisone on skin development in the chick embryo: ultrastructural, immunohistological, and biochemical analysis. Démarchez M, et al. **Dev Biol** 1984 Nov;106(1):15-25

Avian scale development. XI. Initial appearance of the dermal defect in scaleless skin. Dhouailly D, et al. **Dev Biol** 1984 Oct;105(2):343-50

Mast-cell precursors in the skin of mouse embryos and their deficiency in embryos of Sl/Sld genotype. Hayashi C, et al. **Dev Biol** 1985 May;109(1):234-41

Analysis of morphogenesis and keratinization in transfilter recombinants of feather-forming skin. König G, et al. **Dev Biol** 1985 Jun;109(2):381-92

Differentiation of embryonic chick feather-forming and scale-forming tissues in transfilter cultures. Peterson CA, et al. **Dev Biol** 1985 Sep;111(1):8-25

Embryology and anatomy of the cutaneous adnexa. Montagna W. **J Cutan Pathol** 1984 Oct;11(5):350-1

Repetitive reduction of uterine blood flow and its influence on fetal transcutaneous PO2 and cardiovascular variables. Jensen A, et al. **J Dev Physiol** 1985 Apr;7(2):75-87

Dermal cells form strong adhesions to the basement membrane during the development of feather primordia in chick skin. Davidson D. **J Embryol Exp Morphol** 1984 Dec;84:149-58

In vitro analysis of interactions between sensory neurons and skin: evidence for selective innervation of dermis and epidermis. Verna JM. **J Embryol Exp Morphol** 1985 Apr;86:53-70

Identification and characterization of glycoproteins secreted by the skin of the day 16 fetal mouse. Janzen RG, et al. **J Exp Zool** 1984 Oct;232(1):99-105

The biology of human fetal skin at ages related to prenatal diagnosis. Holbrook KA. **Pediatr Dermatol** 1983 Oct;1(2):97-111

Role of extracellular matrix in the development of skin and cutaneous appendages. Sengel P. **Prog Clin Biol Res** 1985;171:123-35

[Development of human fetal skin from the beginning of pregnancy to the 6th month. Light microscopy study] Tedde Piras A, et al. **Bull Assoc Anat (Nancy)** 1984 Mar;68(200):71-6 (Eng. Abstr.) **(Fre)**

ENZYMOLOGY

Purification and characterization of keratin hydrolase in psoriatic epidermis: application of keratin-agarose plate and keratin-polyacrylamide enzymography methods. Hibino T. **Anal Biochem** 1985 Jun;147(2):342-52

Coregulation of collagenase and collagenase inhibitor production by phorbol myristate acetate in human skin fibroblasts. Clark SD, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):36-44

A paradoxical effect of hydralazine on prolyl and lysyl hydroxylase activities in cultured human skin fibroblasts. Murad S, et al. **Arch Biochem Biophys** 1985 Sep;241(2):356-63

Enhancement in the activities of mouse epidermal glucose-6-phosphate dehydrogenase, hexokinase, phosphofructokinase, and pyruvate kinase by 12-O-tetradecanoyl-phorbol-13-acetate. Tejwani GA, et al. **Arch Biochem Biophys** 1985 Jun;239(2):462-6

Impaired histamine metabolism in the Arthus reaction induced in guinea-pig skin. Imamura S, et al. **Arch Dermatol Res** 1985;277(4):313-7

Localization of cathepsin H and its inhibitor in the skin and other stratified epithelia. Rinne A, et al. **Arch Dermatol Res** 1985;277(3):190-4

Topically applied nitropyrenes are potent inducers of cutaneous and hepatic monooxygenases. Asokan P, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):134-40

Inability of skin enzyme preparations to biosynthesize arachidonic acid from linoleic acid. Chapkin RS, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):784-92

Serine proteinase activation of latent human skin collagenase. Eisenberg M, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):279-85

Calcium and phospholipid-dependent protein kinase activity in mouse epidermis cytosol. Stimulation by complete and incomplete tumor promoters and inhibition by various compounds. Gschwendt M, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):63-8

N-acetyl-beta-hexosaminidase B deficiency in cultured fibroblasts from a patient with progressive motor neuron disease. Hancock LW, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1185-92

Regulation of type IV collagen degrading enzyme by cortisol during human skin fibroblast growth. Salo T, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):588-95

Hyperthermia and polyamine biosynthesis: decreased ornithine decarboxylase induction in skin and kidney after heat shock. Verma AK, et al.

Biochem Biophys Res Commun 1985 Jan 16;126(1):156-62

Activity of peroxisomal enzymes and intracellular distribution of catalase in Zellweger syndrome. Wanders RJ, et al. **Biochem Biophys Res Commun** 1984 Sep 28; 123(3):1054-61

Mammalian chymotrypsin-like enzymes. Comparative reactivities of rat mast cell proteases, human and dog skin chymases, and human cathepsin G with peptide 4-nitroanilide substrates and with peptide chloromethyl ketone and sulfonyl fluoride inhibitors. Powers JC, et al. **Biochemistry** 1985 Apr 9;24(8):2048-58

Glucocorticoid modulation of collagenase expression in human skin fibroblast cultures. Evidence for pre-translational inhibition. Bauer EA, et al. **Biochim Biophys Acta** 1985 Jun 24;825(2):227-35

Kinetic study on the slow inhibition of epidermis tyrosinase by m-coumaric acid. Cabanes J, et al. **Biochim Biophys Acta** 1984 Oct 23;790(2):101-7

Collagenase stimulation in cocultures of human fibroblasts and human tumor cells. Biswas C. **Cancer Lett** 1984 Sep; 24(2):201-7

Inhibition of the effects of 12-O-tetradecanoylphorbol-13-acetate on mouse epidermal glutathione peroxidase and ornithine decarboxylase activities by glutathione level-raising agents and selenium-containing compounds. Perchellet JP, et al. **Cancer Lett** 1985 Apr;26(3):283-93

Immunological detection of a cysteine protease in the skin and other tissues. Fukuyama K, et al. **Cell Tissue Res** 1985; 240(2):417-23

beta-N-acetyl-D-glucosaminidase isoenzymes by chromatofocusing from serum and skin in diabetes. Orlacchio A, et al. **Clin Chim Acta** 1984 Aug 31; 141(2-3):127-33

Prolidase deficiency: characteristics of human skin fibroblast prolidase using colorimetric and fluorimetric assays. Priestman DA, et al. **Clin Chim Acta** 1984 Sep 29; 142(2):263-71

Na+/K+-ATPase from Xenopus laevis (Daudin) kidney and epidermis: high sensitivity towards regulatory compounds. Giunta C, et al. **Comp Biochem Physiol [B]** 1984;79(1):71-4

Serum stimulation of lysyl hydroxylase activity in cultured human skin fibroblasts. Murad S, et al. **Connect Tissue Res** 1985;13(2):181-6

Steroid sulfatase = aryl sulfatase C? Chromatographic and electrophoretic, properties in extracts from placental microsomes and skin fibroblasts. Meyer JC, et al. **Dermatologica** 1984;169(5):305-10

Plasma membrane transglutaminase and cornified envelope competence in cultured human keratinocytes. Schmidt R, et al. **FEBS Lett** 1985 Jul 8;186(2):201-4

Increased 5 alpha-reductase activity in idiopathic hirsutism. Serafini P, et al. **Fertil Steril** 1985 Jan;43(1):74-8

Immunohistochemical demonstration of neuron specific enolase in the nerve endings and skin receptors of marine eels. Zaccone G. **Histochem J** 1984 Nov;16(11):1231-6

A quantitative cytochemical assay of beta-galactosidase in single cultured human skin fibroblasts. Lund-Hansen T, et al. **Histochemistry** 1984;81(4):321-30

Increased peripheral aromatase activity in prepubertal children with partial androgen insensitivity syndrome. Chabab A, et al. **Horm Res** 1985;22(1-2):83-8

Cerebro-hepato-renal (Zellweger) syndrome, adrenoleukodystrophy, and Refsum's disease: plasma changes and skin fibroblast phytanic acid oxidase. Poulos A, et al. **Hum Genet** 1985;70(2):172-7

Localization of tryptase to human cutaneous mast cells and keratinocytes by immunofluorescence and immunoperoxidase cytochemistry with monoclonal antitryptase antibody. Schwartz LB, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):182-8

Purification and characterization of tadpole back-skin collagenase with low gelatinase activity. Bicsak TA, et al. **J Biol Chem** 1984 Nov 10;259(21):13145-50

Tumor-promoting phorbol esters and cell proliferation stimulate secretion of basement membrane (type IV) collagen-degrading metalloproteinase by human fibroblasts. Salo T, et al. **J Biol Chem** 1985 Jul 15; 260(14):8526-31

Degradation of monomeric and fibrillar type III collagens by human skin collagenase. Kinetic constants using different animal substrates. Welgus HG, et al. **J Biol Chem** 1985 Jan 25;260(2):1052-9

Purification of gelatin-specific neutral protease from human skin by conventional and high-performance liquid chromatography. Seltzer JL, et al. **J Chromatogr** 1985 Jun 19;326:147-55

Aromatase activity in cultured human genital skin fibroblasts. Berkovitz GD, et al. **J Clin Endocrinol Metab** 1984 Oct; 59(4):665-71

Studies of the low-molecular-weight keratinase inhibitor of human epidermis. Takiuchi I, et al. **J Dermatol (Tokyo)** 1984 Apr;11(2):155-9

Degradation of the epidermal-dermal junction by proteolytic enzymes from human skin and human polymorphonuclear leukocytes. Briggaman RA, et al. **J Exp Med** 1984 Oct 1;160(4):1027-42

Purification and properties of aminoendopeptidase from rat epidermis. Ito Y, et al. **J Invest Dermatol** 1984 Oct; 83(4):265-9

Calcium-activated, phospholipid-dependent protein kinase in pig epidermis. Koizumi H, et al. **J Invest Dermatol** 1984 Oct;83(4):261-4

The occurrence and immunology of peptidylarginine deiminase and its preparation from bovine epidermis by an improved method. Kubilus J, et al. **J Invest Dermatol** 1985 Sep;85(3):232-4

High-molecular-weight human epidermal transglutaminase. Negi M, et al. **J Invest Dermatol** 1985 Jul;85(1):75-8

Ornithine decarboxylase activity is inhibited by epidermal polyamine-dependent protein kinase-mediated phosphorylation. Nemoto O, et al. **J Invest Dermatol** 1984 Oct;83(4):257-60

A new enzyme in the pigment pathway? [letter] Pawelek JM. **J Invest Dermatol** 1985 Mar;84(3):234

Angiotensin I conversion by human and rat chymotryptic proteinases. Wintroub BU, et al. **J Invest Dermatol** 1984 Nov;83(5):336-9

Biosynthesis of lipoxygenase products by enzyme preparations from normal and psoriatic skin. Ziboh VA, et al. **J Invest Dermatol** 1984 Dec;83(6):426-30

The effect of spironolactone on genital skin 5 alpha-reductase activity. Serafini PC, et al. **J Steroid Biochem** 1985 Aug; 23(2):191-4

In vitro induction of human skin ornithine decarboxylase by the tumor promoter 12-O-tetradecanoylphorbol-13-acetate. Verma AK, et al. **JNCI** 1985 Jul;75(1):85-90

The effects of trans fatty acids on fatty acyl delta 5 desaturation by human skin fibroblasts. Rosenthal MD, et al. **Lipids** 1984 Nov;19(11):869-74

Sjögren-Larsson syndrome: delta 5-and delta 6-fatty acid desaturases in skin fibroblasts. Avigan J, et al. **Neurology** 1985 Mar;35(3):401-3

Genetic deficiency of medium-chain acyl coenzyme A dehydrogenase: studies in cultured skin fibroblasts and peripheral mononuclear leukocytes. Coates PM, et al. **Pediatr Res** 1985 Jul;19(7):671-6

Stimulation of in vitro human skin collagenase expression by platelet-derived growth factor. Bauer EA, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4132-6

The effect of five synthetic progestational compounds on 5 alpha-reductase activity in genital skin fibroblast monolayers. Dean HJ, et al. **Steroids** 1984 Jan;43(1):13-24

Complementation analysis of beta-galactosidase deficiency by means of histochemical method. Minami R, et al. **Tohoku J Exp Med** 1985 Jun;146(2):181-7

Hemoglobin-degrading enzymes in experimental subcutaneous hematomas. Laiho K, et al. **Z Rechtsmed** 1984;93(3):193-8

[Metabolism of foreign substances in skin and human hair follicles] Merk HF. **Fortschr Med** 1985 May 2; 103(17):457-60 (Eng. Abstr.) **(Ger)**

[Calcium-activated neutral protease in the porcine skin] Matsuo S, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Apr; 95(5):553-60 **(Jpn)**

[Biochemical diagnostic procedures in X-linked ichthyosis] Yoshiike, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Jan; 95(1):7-10 **(Jpn)**

[Dihydrotestosterone formation (5 alpha-reductase activity) in cultured human skin fibroblasts] Morimoto I, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Nov 20; 60(11):1281-91 (Eng. Abstr.) **(Jpn)**

[Use of fluorescence-labelled cerebroside as a substrate for galactosylceramidase of human skin fibroblasts] Semeniuk EP, et al. **Biokhimiia** 1984 Sep;49(9):1556-60 (Eng. Abstr.) **(Rus)**

[Lysosomal glycosidase activity in cultured human fibroblasts] Beliaeva ID, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):550-3 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Rapid growth of human epithelium in tissue culture. Sternberg N, et al. **Isr J Med Sci** 1985 May;21(5):464-7

Epidermal growth in the bottlenose dolphin, Tursiops truncatus. Hicks BD, et al. **J Invest Dermatol** 1985 Jul; 85(1):60-3

Dermo-epithelial interactions during the development of cutaneous gland anlagen in Amphibia: a light and electron microscope study on several species with some cytochemical findings. Delfino G, et al. **Z Mikrosk Anat Forsch** 1985;99(2):225-53

IMMUNOLOGY

Evaluation of cutaneous amyloid employing anti-keratin antibodies and the immunoperoxidase technique (PAP method). Ishii M, et al. **Acta Derm Venereol (Stockh)** 1984; 64(4):281-5

Inhibition by drugs of passive cutaneous anaphylaxis-induced skin histamine decrease. Yokoyama H, et al. **Acta Med Okayama** 1984 Aug;38(4):357-65

Functional properties of polymorphonuclear leukocytes accumulated in a skin chamber. Scheja A, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1985 Feb; 93(1):31-6

A skin chamber technique for leukocyte migration studies; description and reproducibility. Scheja A, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1985 Feb; 93(1):25-30

Effect of betamethasone on the dual reaction to anti-human IgE in man: influence of time interval between administration of drug and anti-IgE. Grönneberg R, et al. **Allergy** 1985 May;40(4):223-8

Cutaneous basophil hypersensitivity. Mahapatro D, et al. **Am J Dermatopathol** 1984 Oct;6(5):483-9 (75 ref.)

Utility of skin biopsy in the diagnosis of IgA nephropathy. Hasbargen JA, et al. **Am J Kidney Dis** 1985 Aug;6(2):100-2

The skin as an indicator of potential anaphylactoid reactions. Gowland G. **Ann Fr Anesth Reanim** 1985;4(2):173-5

Immunohistologic studies in pityriasis rosea. Evidence for cellular immune reaction in the lesional epidermis. Aiba S, et al. **Arch Dermatol** 1985 Jun;121(6):761-5

Membrane attack complex of complement in dermatitis herpetiformis. Dahl MV, et al. **Arch Dermatol** 1985 Jan; 121(1):70-2

Bullous pemphigoid antibodies. Human skin as a substrate for indirect immunofluorescence assay. Goldberg DJ, et al. **Arch Dermatol** 1985 Sep;121(9):1137-40

Pathogenesis of lupus dermatoses in autoimmune mice. IV. Association between cutaneous immunoglobulin deposition and anti-single-stranded DNA antibodies in sera. Furukawa F, et al. **Arch Dermatol Res** 1985;277(2):79-83

High doses of antigen-nonspecific IgG do not inhibit pemphigus acantholysis in skin organ cultures. Hunziker T, et al. **Arch Dermatol Res** 1985;277(4):299-303

Immunopathologic studies of adult linear IgA bullous dermatosis. Flotte TJ, et al. **Arch Pathol Lab Med** 1985 May;109(5):457-9

Immunofluorescent detection of IgG at the dermal-epidermal junction in patients with apparent primary fibrositis syndrome. Caro XJ. **Arthritis Rheum** 1984 Oct; 27(10):1174-9

Contact sensitivity in fully allogeneic bone marrow chimera in mice, [B6----C3H] Yasumizu R, et al. **Asian Pac J Allergy Immunol** 1984 Jun;2(1):61-6

Epidermolysis bullosa acquisita antigen is synthesized by human keratinocytes cultured in serum-free medium. Woodley DT, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1267-72

Cimetidine's effect on dermal H1-receptor antagonist tolerance. Fairris GM, et al. **Br J Clin Pharmacol** 1985 Feb;19(2):272-4

Autoimmune injury of squamous epithelium by pemphigus autoantibodies. Avalos E, et al. **Br J Dermatol** 1984 Sep; 111(3):359-65 (39 ref.)

Antigen-presenting properties of human epidermal cells compared with peripheral blood mononuclear cells. Bagot M, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:55-60

Alpha 1-microglobulin: a new antigenic component of the epidermo-dermal junction in normal human skin. Bouic P, et al. **Br J Dermatol** 1985 Jan;112(1):35-41

The Thy-1 epidermal cell: perspective and prospective. Chambers DA. **Br J Dermatol** 1985 Jul;113 Suppl 28:24-33

Epidermal nuclear immunofluorescence: serological correlations supporting an in vivo reaction. Chen ZY, et al. **Br J Dermatol** 1985 Jan;112(1):15-22

Mixed skin cell-lymphocyte culture reaction (MSLR) as a model for the study of lympho-epidermal interactions. Czernielewski JM. **Br J Dermatol** 1985 Jul;113 Suppl 28:17-23

Langerhans cell induced cytotoxic T-cell responses against normal human epidermal cell targets: in vitro studies. Faure M, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:114-7

Age incidence of antibodies to normal human epidermis. Holland DB, et al. **Br J Dermatol** 1985 Jun;112(6):687-90

Keratinocyte class II histocompatibility antigen expression [letter] Nickoloff BJ, et al. **Br J Dermatol** 1985 Mar; 112(3):373-4

The speckled immunofluorescence of epidermal nuclei as an in vivo phenomenon. Parodi A, et al. **Br J Dermatol** 1985 May;112(5):555-8

Lichen planus pemphigoides: an immuno-electron microscopic study. Prost C, et al. **Br J Dermatol** 1985 Jul; 113(1):31-6

Characterization of benign cutaneous lymphocytic infiltrates by monoclonal antibodies. Ralfkiaer E, et al. **Br J Dermatol** 1984 Dec;111(6):635-45

Recent advances of ultrastructural immunocytochemistry of epidermal Langerhans cells. Schmitt D, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:2-9

The polymorphonuclear neutrophils migrant across the human skin express mostly a Fc receptor. Stalder JF, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:104-8

A specific antigen-antibody interaction triggers the cellular pathophysiology of bullous pemphigoid. Stanley JR. **Br J Dermatol** 1985 Jul;113 Suppl 28:67-73

Immunohistological aspects of cutaneous T-cell infiltrates. Thivolet J. **Br J Dermatol** 1985 Jul;113 Suppl 28:1

Model for detection of membrane-associated antigens on epithelial cells (HLA-A, -B, -C alloantigens and pemphigus antigens). Vermeer BJ, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:118-23

The immunofluorescence findings in Indian pemphigus [letter] Wojnarowska F, et al. **Br J Dermatol** 1985 Apr; 112(4):503-4

Cell-mediated immune responses in atopic dermatitis: the relevance of antigen-presenting cells. Zachary CB, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:10-6

Histamine secretion from human skin slices induced by anti-IgE and artificial secretagogues and the effects of sodium cromoglycate and salbutamol. Clegg LS, et al. **Clin Allergy** 1985 Jul;15(4):321-8

Immune findings in staphylococcal bullae--cross-reactivity between epidermal and staphylococcal antigens. Guillet G.

et al. **Clin Exp Dermatol** 1984 Sep;9(5):514–7

Genetic studies on the skin lupus band test in New Zealand mice. Furukawa F, et al. **Clin Exp Immunol** 1985 Jan; 59(1):146–52

Immune deposits in normal skin of patients with systemic lupus erythematosus: relationship to the serum capacity to solubilize immune complexes. Gabrielli A, et al. **Clin Immunol Immunopathol** 1985 Sep;36(3):266–74

Lymphocytes and Langerhans cells in patch tests. An immunohistochemical and electron microscopic study. Kanerva L, et al. **Contact Dermatitis** 1984 Sep;11(3):150–5

Skin window examination according to Rebuck and cutaneous pathergy tests in patients with Behcet's disease. Djawari D, et al. **Dermatologica** 1985;170(6):265–70

Autoantibodies to epithelial cells (intercellular substance) and their correlation with clinical activity of pemphigus vulgaris. Golan D, et al. **Dermatologica** 1984;169(6):339–41

Detection of HLA restricted anti-minor histocompatibility antigen(s) reactive cells from skin GVHD lesions. Reinsmoen NL, et al. **Hum Immunol** 1984 Dec;11(4):249–57

Langerhans cells: antigen presenting cells of the epidermis. Streilein JW, et al. **Immunobiology** 1984 Dec; 168(3–5):285–300 (86 ref.)

Production of a lymphocyte differentiating factor (ELDIF) by cultured human epidermal cells. Nicolas JF, et al. **Immunol Lett** 1985;9(2–3):65–8

PHA and PPD skin responses in cancer patients. Sinha R, et al. **Indian J Cancer** 1983 Nov–Dec;20(5):227–31

In vitro effects of enzymes of polymorphonuclear leukocytes on the antigenicity of stratum corneum. Dabski K, et al. **Int Arch Allergy Appl Immunol** 1985;77(3):287–91

Demonstration of allospecific differences in human stratum corneum autoantibodies by blocking immunofluorescence. Dabski K, et al. **Int Arch Allergy Appl Immunol** 1985; 77(3):281–6

Autoantibodies in pemphigus foliaceus. Fine RM. **Int J Dermatol** 1985 May;24(4):224–5

Correlations of in vivo mediator release with late cutaneous allergic responses in humans. I. Kinetics of histamine release. Talbot SF, et al. **J Allergy Clin Immunol** 1984 Dec; 74(6):819–26

A membrane protein preferentially expressed by a subpopulation of immature lymphoid cells, epidermal basal keratinocytes, and other epithelial cells. Gottlieb AB, et al. **J Am Acad Dermatol** 1985 Jul;13(1):54–65

Antibodies to Merkel cells in human sera. Incidence and significance. Mérot Y, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):568–75

Human dermal fibroblasts present tetanus toxoid antigen to antigen-specific T cell clones. Umetsu DT, et al. **J Clin Invest** 1985 Jul;76(1):254–60

Studies of human C5a as a mediator of inflammation in normal human skin. Yancey KB, et al. **J Clin Invest** 1985 Feb;75(2):486–95

Direct and indirect immunofluorescent findings in dermatomyositis. Chen Z, et al. **J Cutan Pathol** 1985 Feb; 12(1):18–27

Epidermal cells bearing both I-A and I-E subregion antigens can induce hen egg white lysozyme-specific T lymphocyte proliferation. Katoh K, et al. **J Dermatol (Tokyo)** 1985 Feb; 12(1):20–30

Delayed hypersensitivity skin and leucocyte migration inhibition tests in chronic liver disease. el-Din SS, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):593–8

Direct immunofluorescent in elephantiatic skin. Habib M, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):543–5

The Thy-1-bearing cell of murine epidermis. A distinctive leukocyte perhaps related to natural killer cells. Romani N, et al. **J Exp Med** 1985 Jun 1;161(6):1368–83 (67 ref.)

Characterization of circulating and cutaneous IgA immune complexes in patients with dermatitis herpetiformis. Hall RP, et al. **J Immunol** 1985 Sep;135(3):1760–5

Detection of cross reactive anti-DNA antibody idiotypes on tissue-bound immunoglobulins from skin biopsies of lupus patients. Isenberg D, et al. **J Immunol** 1985 Jul;135(1):261–4

Cutaneous immunobiology. Proceedings of the 34th annual symposium on the biology of the skin. **J Invest Dermatol** 1985 Jul;85(1 Suppl):1S–182S

Prognostic significance of subepidermal immune deposits in uninvolved skin of patients with systemic lupus erythematosus: a 10-year longitudinal study. Davis BM, et al. **J Invest Dermatol** 1984 Oct;83(4):242–7

Regulation by the skin of lymphoid cell recirculation and localization properties. Daynes RA, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):14s–20s (60 ref.)

Dermatitis herpetiformis: biochemical properties of the granular deposits of IgA in papillary dermis. Characterization of SDS-soluble IgA-like material and potentially antigen-binding IgA fragments released by pepsin. Egelrud T, et al. **J Invest Dermatol** 1985 Apr; 84(4):239–45

Dermatitis herpetiformis: preparation of papillary dermis and the effect of proteolytic enzymes on the IgA deposits. Egelrud T, et al. **J Invest Dermatol** 1984 May;82(5):501–5

Epidermolysis bullosa: variability of expression of cicatricial pemphigoid, bullous pemphigoid, and epidermolysis bullosa acquisita antigens in clinically uninvolved skin. Fine JD. **J Invest Dermatol** 1985 Jul;85(1):47–9

Complement fixation by pemphigus antibody. I. In vitro fixation to organ and tissue culture skin. Kawana S, et al. **J Invest Dermatol** 1984 May;82(5):506–10

Identification of bullous pemphigoid, pemphigus, laminin, and anchoring fibril antigens in human fetal skin. Lane AT, et al. **J Invest Dermatol** 1985 Jan;84(1):27–30

The demonstration of SS-A/Ro antigen in human fetal tissues and in neonatal and adult skin. Lee LA, et al. **J Invest Dermatol** 1985 Aug;85(2):143–6

A mouse monoclonal antibody against a newly discovered basement membrane component, the epidermolysis bullosa acquisita antigen. Paller AS, et al. **J Invest Dermatol** 1985 Mar;84(3):215–7

Demonstration of pemphigus antibodies on the cell surface of murine epidermal cell monolayers and their internalization. Patel HP, et al. **J Invest Dermatol** 1984 Dec; 83(6):409–15

Biologic properties of epidermal cell thymocyte-activating factor (ETAF). Sauder DN. **J Invest Dermatol** 1985 Jul; 85(1 Suppl):176s–179s

Circuits and signals of the skin-associated lymphoid tissues (SALT). Streilein JW. **J Invest Dermatol** 1985 Jul;85(1 Suppl):10s–13s

The role of epidermal cells in the induction of delayed-type hypersensitivity to alloantigens. Tamaki K, et al. **J Invest Dermatol** 1985 Jul;85(1):20–4

Human epidermal cells synthesize HLA-DR alloantigens in vitro upon stimulation with gamma-interferon. Volc-Platzer B, et al. **J Invest Dermatol** 1985 Jul;85(1):16–9

Immune deposits in the skin of patients with rheumatoid arthritis. McGill PE, et al. **J Rheumatol** 1984 Aug; 11(4):454–6

Clinical comparison of cultured human epithelial cells and rat liver as substrates for the fluorescent antinuclear antibody test. Miller MH, et al. **J Rheumatol** 1985 Apr; 12(2):265–9

Rheumatoid arthritis--the clinical significance of histo- and immunopathological abnormalities in normal skin. Westedt ML, et al. **J Rheumatol** 1984 Aug;11(4):448–53

What is the relationship between the status of a patient's host defense mechanisms, his metabolic response, and his ability to respond to injury? Daynes RA. **J Trauma** 1984 Sep;24(9 Suppl):S84–100

Epidermal cytokines: properties of epidermal cell thymocyte-activating factor (ETAF). Sauder DN. **Lymphokine Res** 1984 Summer;3(4):145–51

Inhibition of the Prausnitz-Küstner reaction by an immunoglobulin epsilon-chain fragment synthesized in E. coli. Geha RS, et al. **Nature** 1985 Jun 13–19; 315(6020):577–8

Evidence that major histocompatibility complex restriction of foreign transplantation antigens occurs when tolerance is induced in neonatal mice and rats. Desquenne-Clark L, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6265–7

Human skin fibroblasts express an IgG-Fc-receptor for the uptake and degradation of immunoglobulin complexes. Frey J, et al. **Prog Clin Biol Res** 1985;180:663–6

Class II transplantation antigens in the late human skin tuberculin reaction. Scheynius A, et al. **Scand J Immunol** 1985 Aug;22(2):227–33

The immunologic function of skin. Edelson RL, et al. **Sci Am** 1985 Jun;252(6):46–53

Thymic Hassall's corpuscles-epidermis antigenic relations defined by a common glycoprotein in man (GP 37). Bonnefoy JY, et al. **Thymus** 1984;6(6):387–94

A new sensitive assay for the detection of HLA antigens on human epithelial cells. Claas FH, et al. **Tissue Antigens** 1984 Aug;24(2):121–5

Migrating Langerhans cells in human skin: mitogen and alloantigen presenting properties. Olszewski WL, et al. **Transplant Proc** 1984 Oct;16(5):1182–3

Chimerism in skin of bone marrow transplant recipients. Thomas JA, et al. **Transplantation** 1984 Nov;38(5):475–8

The longevity of immunoglobulin preservation in canine skin utilizing Michel's fixative. Ihrke PJ, et al. **Vet Immunol Immunopathol** 1985 Jun;9(2):161–70

Ia+ dendritic cells lining the dermo-epidermal junction in bullous skin disorders, associated with the deposition of immune complexes. Drijkoningen M, et al. **Virchows Arch** [A] 1985;406(3):301–7

[The lupus band test and its clinical significance] Yu MX, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Feb;24(2):102–4, 127 (Eng. Abstr.) **(Chi)**

[Cutaneous immunofluorescence in B virus diseases. 100 cases] Beylot J, et al. **Presse Med** 1984 Nov 3;13(39):2363–6 (Eng. Abstr.) **(Fre)**

[Epidermal nuclear fluorescence of normal skin in connective tissue diseases] Wollina U, et al. **Dermatol Monatsschr** 1984; 170(11):699–702 (Eng. Abstr.) **(Ger)**

[The skin immune system] Etzioni A, et al. **Harefuah** 1984 Nov 1;107(9):249–50 **(Heb)**

[Evaluation of immune status in gastric cancer using Su-Ps skin test] Ogawa T, et al. **Gan To Kagaku Ryoho** 1984 Oct; 11(10):2221–6 (Eng. Abstr.) **(Jpn)**

[Clinical studies on the reaction of the skin to various doses of Su-polysaccharide in cancer patients] Sato M, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):245–9 (Eng. Abstr.) **(Jpn)**

[Skin reactivity to dinitrochlorobenzene in patients with atopic asthma] Matusiewicz R, et al. **Pneumonol Pol** 1984 Jun;52(6):287–9 (Eng. Abstr.) **(Pol)**

[Clinical value of immunopathological studies in dermatitis herpetiformis] Waszczykowska E, et al. **Przegl Dermatol** 1985 Jan–Feb;72(1):13–9 (Eng. Abstr.) **(Pol)**

[Adenovirus antigens in the cells of affected skin and immunohistochemical shifts in psoriasis] Vartazarian ND. **Arkh Patol** 1984;46(8):45–50 (Eng. Abstr.) **(Rus)**

[Reaction of the biologically active points of the skin to immunization with typhus vaccine] Pshenichnov VA, et al. **Biull Eksp Biol Med** 1985 May;99(5):595–6 (Eng. Abstr.) **(Rus)**

[Characteristics of post-vaccine scars and the sensitivity of the skin to tuberculin in children in contact with patients with tuberculosis] Bugaeva MI, et al. **Probl Tuberk** 1984 Aug;(8):12–5 (Eng. Abstr.) **(Rus)**

[Immunopathology of the skin and hemosorption] Beletskaia LV, et al. **Vestn Dermatol Venerol** 1985 May;(5):15–8 (Eng. Abstr.) **(Rus)**

[Functional state of T-lymphocytes of the skin in patients with psoriasis] Bogdanovich LI, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):8–10 (Eng. Abstr.) **(Rus)**

[Demonstration of antinuclear antibodies in the epidermis of patients with progressive systemic sclerosis, generalized lupus erythematosus and dermatomyositis] Lamas Robles C, et al. **Rev Invest Clin** 1984 Apr–Jun;36(2):115–9 (Eng. Abstr.) **(Spa)**

INJURIES

Free scapular flap for repair of soft tissue defects of extremities. Hong GX, et al. **Acta Acad Med Wuhan** 1985; 5(2):116–9

Chemical skin burns. Stewart CE. **Am Fam Physician** 1985 Jun;31(6):149–57 (23 ref.)

Lipid peroxidation and acute lung injury after thermal trauma to skin. Evidence of a role for hydroxyl radical. Till GO, et al. **Am J Pathol** 1985 Jun;119(3):376–84

Effect of wound location and the use of topical collagen gel on exuberant granulation tissue formation and wound healing in the horse and pony. Bertone AL, et al. **Am J Vet Res** 1985 Jul;46(7):1438–44

Novel methods for determining the vital reaction in injured skin. Takabe F, et al. **Ann Acad Med Singapore** 1984 Jan; 13(1):69–76

Topical antiseptics [letter] Leyden JJ. **Arch Dermatol** 1984 Nov;120(11):1419

Triangular flap wounds on the lower leg. Graham PW. **Aust Fam Physician** 1984 Nov;13(11):827

The sequence of events in psoriatic plaque formation after tape-stripping. Heng MC, et al. **Br J Dermatol** 1985 May; 112(5):517–32

The haemostatic plug in haemophilia A: a morphological study of haemostatic plug formation in bleeding time skin wounds of patients with severe haemophilia A. Sixma JJ, et al. **Br J Haematol** 1984 Dec;58(4):741–53

The role of trauma in the aetiology of malignant melanoma: a review article. Briggs JC. **Br J Plast Surg** 1984 Oct; 37(4):514–6 (34 ref.)

The degloved hand: immediate complete restoration of skin cover with a contralateral forearm free flap. Mahaffey PJ, et al. **Br J Plast Surg** 1985 Jan;38(1):101–6

Evidence for different mechanisms of primary and secondary hyperalgesia following heat injury to the glabrous skin. Raja SN, et al. **Brain** 1984 Dec;107 (Pt 4):1179–88

Cultured epithelium as a skin substitute. Gallico GG 3d, et al. **Clin Plast Surg** 1985 Apr;12(2):149–57 (51 ref.)

Experiments using high pressure fluid jets on human tissues. Calder IM, et al. **Forensic Sci Int** 1984 Oct;26(2):123–9

Effects of methylglyoxal bis(guanylhydrazone) on tumour and skin responses to hyperthermia in mice. Miyakoshi J, et al. **Int J Radiat Biol** 1984 Sep;46(3):287–91

Dermal wound repair: role of collagen matrix implants and synthetic polymer dressings. Leipziger LS, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 2):409–19

A cutaneous sign of bulimia [letter] Schwartz BK, et al. **J Am Acad Dermatol** 1985 Apr;12(4):725–6

Cutaneous wound healing: a model for cell-matrix interactions. Woodley DT, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 2):420–33

Growth factors and wound healing in the hamster. Leitzel K, et al. **J Dermatol Surg Oncol** 1985 Jun;11(6):617–22

Skin wound closure with staples in the Accident and Emergency Department. George TK, et al. **J R Coll Surg Edinb** 1985 Feb;30(1):54–6

What are the functions of skin lost in burn injury that affect short- and long-term recovery? Blank IH. **J Trauma** 1984 Sep;24(9 Suppl):S10–8

Hydrocarbon contact injuries. Hansbrough JF, et al. **J Trauma** 1985 Mar;25(3):250–2

Penile denudation injuries after circumcision. Sotolongo JR Jr, et al. **J Urol** 1985 Jan;133(1):102–3

Removal of small cactus spines from the skin [letter] Gelbard MK. **JAMA** 1984 Dec 28;252(24):3368

Effects of cooling after scald injury to a dorsal skin fold of mouse. Blomgren I, et al. **Scand J Plast Reconstr Surg** 1985;19(1):1–9

[Folk medicine in Ethiopia. I. Dermatological and health policy aspects] Barth J. **Dermatol Monatsschr** 1985; 171(5):344–7 **(Ger)**

[Atraumatic closure of skin defects] Friederich HC. **Hautarzt** 1985 Feb;36(2):103–6 (Eng. Abstr.) **(Ger)**

[Formation of epidermal damage at entry by gunshot with a contact weapon] Sigrist T. **Z Rechtsmed** 1984; 93(3):199–210 (Eng. Abstr.) **(Ger)**

[A polymer-iodine combination for superficial burns and donor sites] Notea E, et al. **Harefuah** 1984 Jun 15; 106(12):541–4 (Eng. Abstr.) **(Heb)**

[Skin injury by the sigamus fish] Ronen M, et al.

Harefuah 1984 Sep;107(5-6):128-9 (Eng. Abstr.) **(Heb)**

[Methods of skin substitution in lacerated agricultural injuries] Szücs G, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1984; 27(4):252-60 (Eng. Abstr.) **(Hun)**

[Superficial injuries in fish caused by parasitic Isopoda or various predatory fishes] Rokicki J, et al. **Wiad Parazytol** 1984;30(2):229-40 (Eng. Abstr.) **(Pol)**

[Cytoarchitectonics and intercellular relations during posttraumatic regeneration of the epidermis] Shiliaeva LV. **Arkh Anat Gistol Embriol** 1984 Nov;87(11):82-8 (Eng. Abstr.) **(Rus)**

[Malignant degeneration of a congenital giant pigmented nevus] Khutiev TsS, et al. **Khirurgiia (Mosk)** 1985 Mar; (3):122 **(Rus)**

[Establishment of the age of bruises in living persons by means of multi-dimensional statistical analysis] Anan'ev GV, et al. **Sud Med Ekspert** 1984 Oct-Dec;27(4):7-10 (Eng. Abstr.) **(Rus)**

[Study of the morphology of erythrocytes in incised skin wounds by means of scanning electron microscopy] Lazarov IK, et al. **Sud Med Ekspert** 1984 Oct-Dec; 27(4):16-8 (Eng. Abstr.) **(Rus)**

[Determination of shoe marks in cases of skin injuries] Vorontsov VS, et al. **Sud Med Ekspert** 1984 Jul-Sep; 27(3):15-6 (Eng. Abstr.) **(Rus)**

[Pathomimesis] Verbenko EV, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):51-4 (Eng. Abstr.) **(Rus)**

[Use of dimiphen blue to determine the viability of mechanically injured tissues] Kalnberz VK, et al. **Vestn Khir** 1985 Jan;134(1):99-100 (Eng. Abstr.) **(Rus)**

[Traumatic excoriation of the skin of the thigh, lumbar region and anterior abdominal wall combined with traumatic ventral hernia] Mikusev IE, et al. **Vestn Khir** 1985 Apr; 134(4):84 **(Rus)**

INNERVATION

Sensitive fasciocutaneous flap with nervus saphenous. Preliminary report. Riebelová V, et al. **Acta Chir Plast** 1985;27(2):113-20

Sensitive fasciocutaneous flap with nervus cutaneous femoris lateralis. Preliminary report. Riebelová V, et al. **Acta Chir Plast** 1985;27(2):121-6

Sensitive fasciocutaneous flaps with nervus cutaneous femoris lateralis and nervus saphenous. A preparatory study. Riebelová V, et al. **Acta Chir Plast** 1985;27(2):104-12

Influence of Ca2+ on the voltage dependent mechanosensitivity of the hair cells in the lateral line organs of Xenopus laevis. Jørgensen F. **Acta Physiol Scand** 1984 Apr;120(4):481-8

Effect of somatovisceral reflexes and selective dermatomal stimulation on postcibal antral pressure activity. Camilleri M, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G703-8

Short-latency tachycardia evoked by stimulation of muscle and cutaneous afferents. Gelsema AJ, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):R426-33

Cutaneous innervation of the thorax and abdomen of the dog. Bailey CS, et al. **Am J Vet Res** 1984 Sep;45(9):1689-98

Immunohistological demonstration of S-100 protein in the cutaneous nervous system. Hachisuka H, et al. **Anat Rec** 1984 Dec;210(4):639-46

Sign of complete sympathetic blockade: sweat test or sympathogalvanic response? Benzon HT, et al. **Anesth Analg** 1985 Apr;64(4):415-9

Human cutaneous mechanoreceptors during regeneration: physiology and interpretation. Mackel R. **Ann Neurol** 1985 Aug;18(2):165-72

Medial and lateral antebrachial cutaneous nerves: standardization of technique, reliability and age effect on healthy subjects. Izzo KL, et al. **Arch Phys Med Rehabil** 1985 Sep;66(9):592-7

Effects of externally imposed elastic loads on the ability to estimate position and force. Watson JD, et al. **Behav Brain Res** 1984 Sep;13(3):267-71

Mathematical analysis of the stimulus for the lateral line organ. Hassan ES. **Biol Cybern** 1985;52(1):23-36

Forelimb responses to cutaneous nerve stimulation during locomotion in intact cats. Drew T, et al. **Brain Res** 1985 Mar 11;329(1-2):323-8

Vibrotactile atonal interval correlated with activity in peripheral mechanoreceptive units innervating the human hand. Hämäläinen H, et al. **Brain Res** 1985 May 6; 333(2):311-24

Rapid displacements of the skin lack clear positional information. Horch KW, et al. **Brain Res** 1984 Sep 10; 309(2):382-3

Cervical dorsal root ganglion cells with collaterals to both shoulder skin and the diaphragm. A fluorescent double labelling study in the rat. A model for referred pain? Laurberg S, et al. **Brain Res** 1985 Apr 1;331(1):160-3

Effect of neonatal treatment with capsaicin on the numbers and properties of cutaneous afferent units from the hairy skin of the rat. Lynn B. **Brain Res** 1984 Nov 26; 322(2):255-60

Properties of cutaneous mechanosensitive afferents during the early stages of regeneration in man. Mackel R, et al. **Brain Res** 1985 Mar 11;329(1-2):49-69

Sympathetic activation of unmyelinated mechanoreceptors in cat skin. Roberts WJ, et al. **Brain Res** 1985 Jul 22; 339(1):123-5

Activation of lumbar spinoreticular neurons by stimulation of muscle, cutaneous and sympathetic afferents. Thies R. **Brain Res** 1985 Apr 29;333(1):151-5

Do large diameter cutaneous afferents have a role in the transmission of nociceptive messages? Wiesenfeld-Hallin Z, et al. **Brain Res** 1984 Oct 8;311(2):375-9

Sympathetic outflow to the hand in patients with Raynaud's phenomenon. Fagius J, et al. **Cardiovasc Res** 1985 May; 19(5):249-53

Failure to produce axon reflex-sweating in the volar skin of Japanese monkey (Macaca fuscata) and crab-eating monkey (Macaca irus). Aoki T, et al. **Comp Biochem Physiol [C]** 1984;79(2):325-9

Subtypes of beta adrenergic receptors mediating pigment dispersion in chromatophores of the medaka, Oryzias latipes. Morishita F, et al. **Comp Biochem Physiol [C]** 1985; 81(2):279-85

Somatosensory evoked potentials (SEPs) and cortical single unit responses elicited by mechanical tactile stimuli in awake monkeys. Gardner EP, et al. **Electroencephalogr Clin Neurophysiol** 1984 Dec; 58(6):537-52

The distal hindlimb musculature of the cat. Cutaneous reflexes during locomotion. Abraham LD, et al. **Exp Brain Res** 1985;58(3):594-603

Neurogenic inflammation in skin blisters. Helme RD, et al. **Exp Brain Res** 1985;59(2):382-7

Vertical neuronal arrays in the postcentral gyrus signaling active touch: a receptive field study in the conscious monkey. Iwamura Y, et al. **Exp Brain Res** 1985; 58(2):412-20

Diversity in receptive field properties of vertical neuronal arrays in the crown of the postcentral gyrus of the conscious monkey. Iwamura Y, et al. **Exp Brain Res** 1985; 58(2):400-11

Roles of glabrous skin receptors and sensorimotor memory in automatic control of precision grip when lifting rougher or more slippery objects. Johansson RS, et al. **Exp Brain Res** 1984;56(3):550-64

Projection of a cutaneous nerve to the spinal cord of the pigeon. II. Responses of dorsal horn neurons. Necker R. **Exp Brain Res** 1985;59(2):344-52

Projection of a cutaneous nerve to the spinal cord of the pigeon. I. Evoked field potentials. Necker R. **Exp Brain Res** 1985;59(2):338-43

The responses of cat motor cortical units to electrical cutaneous stimulation during locomotion and during lifting, falling and landing. Palmer CI, et al. **Exp Brain Res** 1985; 58(1):102-16

Nociceptive neurones in the superficial dorsal horn of cat lumbar spinal cord and their primary afferent inputs. Steedman WM, et al. **Exp Brain Res** 1985;58(1):171-82

Conditioned stimulus intensity: role of cutaneous fiber size in classical conditioning of the flexion reflex in the spinal cat. Misulis KE, et al. **Exp Neurol** 1984 Oct;86(1):81-92

Distribution of neurofilament-immunoreactive nerve fibers in human skin. Dalsgaard CJ, et al. **Histochemistry** 1984; 81(2):111-4

Peak latency differences in evoked potentials elicited by painful dental and cutaneous stimulation. Chapman CR, et al. **Int J Neurosci** 1985 Jul;27(1-2):1-12

The innervation of the skin on the antero-medial region of the knee. Baccarani G, et al. **Ital J Orthop Traumatol** 1984 Dec;10(4):521-5

The mutability of time and space on the skin. Geldard FA. **J Acoust Soc Am** 1985 Jan;77(1):233-7

Vibrotactile forward masking: psychophysical evidence for a triplex theory of cutaneous mechanoreception. Gescheider GA, et al. **J Acoust Soc Am** 1985 Aug; 78(2):534-43

Neural mechanisms of scanned and stationary touch. Phillips JR, et al. **J Acoust Soc Am** 1985 Jan;77(1):220-4 (22 ref.)

Psychophysics of vibrotactile stimulation. Verrillo RT. **J Acoust Soc Am** 1985 Jan;77(1):225-32 (44 ref.)

Effect of cutaneous denervation of face and trunk on thermoregulatory responses to cold in rats. Heath ME. **J Appl Physiol** 1985 Feb;58(2):376-83

Human sympathetic electrical activity recorded with skin surface electrodes. Skok VI, et al. **J Auton Nerv Syst** 1985 Feb-Mar;12(2-3):261-5

Projections from C2 and C3 nerves supplying muscles and skin of the cat neck: a study using transganglionic transport of horseradish peroxidase. Abrahams VC, et al. **J Comp Neurol** 1984 Nov 20;230(1):142-54

Mapping the body representation in the SI cortex of anesthetized and awake rats. Chapin JK, et al. **J Comp Neurol** 1984 Oct 20;229(2):199-213

Morphology of central terminations of intra-axonally stained, large, myelinated primary afferent fibers from facial skin in the rat. Hayashi H. **J Comp Neurol** 1985 Jul 8; 237(2):195-215

Effects of age on Meissner corpuscles: a study of silver-impregnated neurites in mouse digital pads. Mathewson RC, et al. **J Comp Neurol** 1985 Jan 8; 231(2):250-9

The overlap pattern of the lateral antebrachial cutaneous nerve and the superficial branch of the radial nerve. Mackinnon SE, et al. **J Hand Surg [Am]** 1985 Jul; 10(4):522-6

Injury to the medial antebrachial cutaneous nerve during cubital tunnel surgery. Dellon AL, et al. **J Hand Surg [Br]** 1985 Feb;10(1):33-6

Segregation of muscle and cutaneous afferent fibre terminals in the brachial spinal cord of the frog. Székely G, et al. **J Hirnforsch** 1984;25(6):671-5

Facial reflex examination for assessment of trigeminal nerve involvement in pituitary fossa tumours. Bynke O. **J Neurol Neurosurg Psychiatry** 1985 Aug;48(8):768-73

An improved automated method for the measurement of thermal thresholds. 1. Normal subjects. Jamal GA, et al. **J Neurol Neurosurg Psychiatry** 1985 Apr;48(4):354-60

An improved automated method for the measurement of thermal thresholds. 2. Patients with peripheral neuropathy. Jamal GA, et al. **J Neurol Neurosurg Psychiatry** 1985 Apr; 48(4):361-6

Absence of enhanced physiological tremor in patients without muscle or cutaneous afferents. Sanes JN. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):645-9

Halothane sensitizes cutaneous nociceptors in monkeys. Campbell JN, et al. **J Neurophysiol** 1984 Oct;52(4):762-70

A dorsal spinal neural network in cat. III. Dynamic nonlinear analysis of responses to random stimulation of single type 1 cutaneous input fibers. Craig AD, et al. **J Neurophysiol** 1985 Apr;53(4):995-1015

Sensory processing in a thermal afferent pathway. Davies SN, et al. **J Neurophysiol** 1985 Feb;53(2):429-34

Inferior olivary neurons in the awake cat: detection of contact and passive body displacement. Gellman R, et al. **J Neurophysiol** 1985 Jul;54(1):40-60

Features of laminar and somatotopic organization of lumbar spinal cord units receiving cutaneous inputs from hindlimb receptive fields. Light AR, et al. **J Neurophysiol** 1984 Sep; 52(3):449-58

Distribution of oligosynaptic group I input to the cat medial gastrocnemius motoneuron pool. Powers RK, et al. **J Neurophysiol** 1985 Feb;53(2):497-517

A stimulator for moving textured surfaces sinusoidally across the skin. Goodwin AW, et al. **J Neurosci Methods** 1985 Jul;14(2):121-5

Thermographic presentation of cutaneous sensory and vasomotor activity in the injured peripheral nerve. Brelsford KL, et al. **J Neurosurg** 1985 May;62(5):711-5

Thermographic imaging of cutaneous sensory segment in patients with peripheral nerve injury. Skin-temperature stability between sides of the body. Uematsu S. **J Neurosurg** 1985 May;62(5):716-20

Properties of mechanoreceptive fibres serving skin grafts transferred to the hands of adult baboons (Papio anubis). Dykes RW, et al. J **Physiol (Lond)** 1984 Dec;357:1-22

Functional and topographical properties of field potentials evoked in rat dorsal horn by cutaneous C-fibre stimulation. Schouenborg J. **J Physiol (Lond)** 1984 Nov;356:169-92

Muscle but not cutaneous C-afferent input produces prolonged increases in the excitability of the flexion reflex in the rat. Wall PD, et al. **J Physiol (Lond)** 1984 Nov; 356:443-58

Threshold response phase to sinusoidal stimulation of frog cutaneous mechanoreceptor afferent units. Taniguchi K, et al. **Jpn J Physiol** 1984;34(6):1065-75

Axonal flow in the afferent fiber maintains the electroreceptor in the skin of fish. Roth A. **Naturwissenschaften** 1985 Jul;72(7):380-1

Long-latency responses in human thenar muscles mediated by fast conducting muscle and cutaneous afferents. Deuschl G, et al. **Neurosci Lett** 1985 Apr 19;55(3):361-6

Reflex changes in sympatho-adrenal medullary functions in response to various thermal cutaneous stimulations in anesthetized rats. Kurosawa M, et al. **Neurosci Lett** 1985 May 14;56(2):149-54

Neurogenic extravasation and substance P levels are low in muscle as compared to skin the rat hindlimb. McMahon SB, et al. **Neurosci Lett** 1984 Dec 21;52(3):235-40

Preputial skin as a model for the demonstration of substance P-like immunoreactive human peripheral nerve endings. Nguyen-Legros J, et al. **Neurosci Lett** 1984 Aug 24; 49(1-2):159-63

Convergence of noxious and non-noxious cutaneous afferents and baroreceptor afferents onto single adrenal sympathetic neurons in anesthetized rats. Ito K, et al. **Neurosci Res** 1984 Apr;1(2):105-16

Reinnervation of the rat touch dome restores the Merkel cell population reduced after denervation. Nurse CA, et al. **Neuroscience** 1984 Oct;13(2):563-71

Thermal sensibility changes during ischemic nerve block. Fruhstorfer H. **Pain** 1984 Dec;20(4):355-61

Thermal inhibition of nociceptor-driven spinal cord neurones in the rat. Kanui TI. **Pain** 1985 Mar;21(3):231-40

Contextual stimulus control of conditional vasomotor and electrodermal reactions to angry and friendly faces. Transswitching--yes! Preparedness--No! Vaitl D, et al. **Pavlov J Biol Sci** 1985 Jul-Sep;20(3):124-31

Is ATP a central synaptic mediator for certain primary afferent fibers from mammalian skin? Fyffe RE, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6890-3

Organization of the lumbar sympathetic outflow to skeletal muscle and skin of the cat hindlimb and tail. Jänig W. **Rev Physiol Biochem Pharmacol** 1985;102:119-213 (258 ref.)

Functional properties of slowly adapting mechanoreceptors in cat footpad skin. Ferrington DG. **Somatosens Res** 1985; 2(3):249-61

Two-point discriminability: relation to properties of the somatosensory system. Fuchs JL, et al. **Somatosens Res** 1984;2(2):163-9

Tactile detection thresholds for a single asperity on an otherwise smooth surface. Johansson RS, et al.

Somatosens Res 1983;1(1):21-31

Thin-fiber cutaneous innervation and its intraepidermal contribution studied by labeling methods and neurotoxin treatment in rats. Kruger L, et al. **Somatosens Res** 1985; 2(4):335-56

Impulse activity evokes precocious sprouting of nociceptive nerves into denervated skin. Nixon BJ, et al. **Somatosens Res** 1984;2(2):97-126

Sympathetically induced changes in the responses of slowly adapting type I receptors in cat skin. Roberts WJ, et al. **Somatosens Res** 1985;2(3):223-36

Response properties of raccoon cuneothalamic neurons. Rowinski MJ, et al. **Somatosens Res** 1985;2(3):263-80

Nerve endings in the lizard skin (Lacerta viridis). Páč L. **Z Mikrosk Anat Forsch** 1984;98(6):939-50

[Computer simulation of sensory pain reception by an elastic skin model] Akamatsu M. **Iyodenshi To Seitai Kogaku** 1984 Jun;22(3):186-93 (Eng. Abstr.) **(Jpn)**

[Immunohistochemical study of neuron-specific-enolase of the neurocutaneous system] Sakamoto F, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Oct;94(11):1239-45 **(Jpn)**

[Representation of functional surfaces in the somatosensory cortex] Iwamura Y. **Nippon Seirigaku Zasshi** 1985; 47(2):55-64 (25 ref.) **(Jpn)**

[Sensory nerve conduction by the medial antebrachial cutaneous nerve] Kimura I. **Rinsho Shinkeigaku** 1985 Feb; 25(2):179-84 (Eng. Abstr.) **(Jpn)**

[Significance of the synchronicity of afferent impulsing in electrodermal stimulation] Narezkina LP, et al. **Fiziol Cheloveka** 1984 Mar-Apr;10(2):321-5 **(Rus)**

[Skin and deep tactile sensitivity of humans to the local action of ultrasonics] Tsirul'nikov EM, et al. **Fiziol Cheloveka** 1985 Mar-Apr;11(2):241-6 **(Rus)**

[Neuromorphology of the skin in patients with post-burn hypertrophic scars] Romanenko VN, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):13-6 (Eng. Abstr.) **(Rus)**

METABOLISM

Relationship between arterial and heated skin surface carbon dioxide tension in adults. Jacobsen E, et al. **Acta Anaesthesiol Scand** 1985 Feb;29(2):198-202

A histochemical study on the vitamin D synthesis into the epidermis. Silveira SR, et al. **Acta Histochem (Jena)** 1985; 76(2):225-34

Ba2+-induced changes in the Na+- and K+-permeability of the isolated frog skin. Nielson R. **Acta Physiol Scand** 1985 May;124(1):61-70

In-vivo skin respiration (CO2) measurements in the acupuncture loci. Eöry A. **Acupunct Electrother Res** 1984; 9(4):217-23

The effect of different parameters (temperature, O2 consumption, blood flow, hemoglobin content) on the tcPo2 calibration curves calculated by the capillary loop model. Grossman U, et al. **Adv Exp Med Biol** 1984; 180:793-802

Transients of gas exchange processes in the upper skin calculated by the capillary loop model. Grossmann U, et al. **Adv Exp Med Biol** 1984;180:35-41

Active calcium transport in frog skin: stimulation by cyclic AMP. Kelepouris E, et al. **Adv Exp Med Biol** 1984; 178:135-7

Skin oxygen diffusion conductance in premature infants. Togari H, et al. **Adv Exp Med Biol** 1984;180:565-7

Effects of tumor promoters on sodium ion transport across frog skin. Civan MM, et al. **Am J Physiol** 1985 May;248(5 Pt 1):C457-65

Intracellular pH of perfused single frog skin: combined 19F- and 31P-NMR analysis. Civan MM, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C506-10

Active transport and exchange diffusion of Cl across the isolated skin of Rana pipiens. Drewnowska K, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):F424-31

Calcium exchange in isolated cutaneous epithelium of toad Bufo marinus. Grubb BR, et al. **Am J Physiol** 1985 Aug; 249(2 Pt 2):R172-8

Adenosine metabolism in human skin fibroblasts. Holland MJ, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):C21-6

31P-nuclear magnetic resonance analysis of perfused single frog skins. Lin LE, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):C177-80

Basolateral membrane chloride transport in isolated epithelia of frog skin. Stoddard JS, et al. **Am J Physiol** 1985 Sep; 249(3 Pt 1):C318-29

Prostacyclin formation in delayed pig flank flaps. Hauben DJ, et al. **Ann Plast Surg** 1984 Oct;13(4):304-8

Transepidermal elimination following the use of a topical adrenal steroid. Katz R, et al. **Arch Dermatol** 1985 Mar; 121(3):412-3

Lindane binding to sections of human skin: skin capacity and isotherm determinations. Menczel E, et al. **Arch Dermatol Res** 1984;276(5):326-9

Density-dependent regulation of skin-fibroblast glycosaminoglycans in vitro: control by a secreted factor. Oakley CA, et al. **Arch Dermatol Res** 1985;277(4):264-9

Glucocorticoid-induced alteration of beta-adrenergic adenylate cyclase response of epidermis. Ohkawara A, et al. **Arch Dermatol Res** 1985;277(2):88-92

Vitamin A uptake by human skin in vitro. Törmä H, et al. **Arch Dermatol Res** 1984;276(6):390-5

Glutaraldehyde inhibits the active transport of sodium and the oxygen consumption, while increasing the water diffusional permeability in frog skin. Mărgineanu DG, et al. **Arch Int Physiol Biochim** 1984 Nov;92(4):305-12

Cyclic nucleotides and calcium transport in cultured dermal fibroblasts from progressive systemic sclerosis and rheumatoid arthritis patients. Grozdova MD, et al. **Arthritis Rheum** 1984 Oct;27(10):1144-9

The effect of coat length on the bioavailability of levamisole applied topically to cattle. Forsyth BA. **Aust Vet J** 1984 Jul;61(7):241-2

Two different variants of the same tropomyosin polypeptide in clones from GM1386 human skin fibroblasts. Giometti CS, et al. **Biochem Biophys Res Commun** 1985 May 16; 128(3):1247-53

Generation of acetyl glyceryl ether phosphorylcholine from the rat skin and muscle tissues stimulated by moxibustion. Nakayama R, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):629-34

Photochemical cross-linking of beta-galactoside-binding lectin to polylactosamino-proteoglycan of chick embryonic skin. Oda Y, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1215-20

Characterization of a type VI collagen-related Mr-140 000 protein from cutis-laxa fibroblasts in culture. Crawford SW, et al. **Biochem J** 1985 Apr 15;227(2):491-502

Reconstituted collagen fibrils. Fibrillar and molecular stability of the collagen upon maturation in vitro. Danielsen CC. **Biochem J** 1984 Sep 15;222(3):663-8

Rat skin calcium-binding protein is parvalbumin. MacManus JP, et al. **Biochem J** 1985 Jul 1;229(1):39-45

Cholesterol synthesis in cultured skin fibroblasts from patients with Huntington's disease. Maltese WA. **Biochem Med** 1984 Aug;32(1):144-50

Influence of monovalent cation transport on anabolism of glycosphingolipids in cultured human fibroblasts. Saito M, et al. **Biochemistry** 1985 Jun 4;24(12):3054-9

Synthesis and secretion of the human vitamin B12-binding protein, transcobalamin II, by cultured skin fibroblasts and by bone marrow cells. Fràter-Schröder M, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):421-7

Comparison between bretylium and diphenylhydantoin interaction with mucosal sodium-channels. Ilani A, et al. **Biochim Biophys Acta** 1984 Nov 7;777(2):323-30

In vitro synthesis of vitamin D-3 by cultured human keratinocytes and fibroblasts: action spectrum and effect of AY-9944. Nemanic MK, et al. **Biochim Biophys Acta** 1985 Sep 6;841(3):267-77

GM2-ganglioside metabolism in cultured human skin fibroblasts: unambiguous diagnosis of GM2-gangliosidosis. Raghavan S, et al. **Biochim Biophys Acta** 1985 Apr 25; 834(2):238-48

The cerebro-hepato-renal (Zellweger) syndrome. Impaired de novo biosynthesis of plasmalogens in cultured skin fibroblasts. Schrakamp G, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):170-4

Cutaneous gas exchange in vertebrates: design, patterns, control and implications. Feder ME, et al. **Biol Rev** 1985 Feb;60(1):1-45 (196 ref.)

Effect of PGE2 and indomethacin on human fibroblast collagen production. Casini A, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1141-4

The effect of etretinate on the cyclo-oxygenase and lipoxygenase products of arachidonic acid metabolism in psoriatic skin. Wong E, et al. **Br J Clin Pharmacol** 1984 Oct;18(4):523-7

Factors affecting the binding of lectins to normal human skin. Bell CM, et al. **Br J Dermatol** 1984 Nov;111(5):517-26

Effect of platelet homogenate on in vitro glycosaminoglycans production by dermal fibroblasts from systemic sclerosis patients and normal controls. Falanga V, et al. **Br J Dermatol** 1985 Aug;113(2):237-43

Lipoid proteinosis: an inherited disorder of collagen metabolism? Harper JI, et al. **Br J Dermatol** 1985 Aug; 113(2):145-51

An improved method for in vitro perfusion of human skin. Hiernickel H. **Br J Dermatol** 1985 Mar;112(3):299-305

Effect of polyamine antimetabolites on cultured human keratinocytes from normal and uninvolved psoriatic skin. Käpyaho K, et al. **Br J Dermatol** 1984 Oct;111(4):403-11

Leukotriene B4-like material in scale of psoriatic skin lesions. Brain SD, et al. **Br J Pharmacol** 1984 Sep;83(1):313-7

Surgical delay and arachidonic acid metabolites: evidence for an inflammatory mechanism: an experimental study in rats. Murphy RC, et al. **Br J Plast Surg** 1985 Apr; 38(2):272-7

Cultured human monocytes and fibroblasts solubilize calcium phosphate crystals. Evans RW, et al. **Calcif Tissue Int** 1984 Dec;36(6):645-50

Transcutaneous PO2 measurement. Tremper KK. **Can Anaesth Soc J** 1984 Nov;31(6):664-77 (72 ref.)

12-O-tetradecanoylphorbol-13-acetate-induced rapid loss of persistent 7,12-dimethylbenz[a]anthracene-DNA adducts in mouse epidermis and dermis. Randerath K, et al. **Cancer Lett** 1985 May;27(1):35-43

Fluoranthene and pyrene enhance benzo[a]pyrene--DNA adduct formation in vivo in mouse skin. Rice JE, et al. **Cancer Lett** 1984 Oct;24(3):327-33

Phospholipids involved in specific binding of 12-O-(5-azido-2-nitrobenzoyl)phorbol-13-acetate to epidermal microsomes, a photolabeling study. Schmidt R, et al. **Cancer Lett** 1985 Feb;26(1):97-111

Covalent binding of 7,12-dimethylbenz(a)anthracene and 10-fluoro-7,12-dimethylbenz(a)anthracene to mouse epidermal DNA and its relationship to tumor-initiating activity. DiGiovanni J, et al. **Cancer Res** 1985 Feb; 45(2):591-7

Repair of O6-methylguanine in human fetal brain and skin cells in culture. D'Ambrosio SM, et al. **Carcinogenesis** 1984 Dec;5(12):1657-61

Formation and disappearance of benzo[a]pyrene DNA-adducts in mouse epidermis. DiGiovanni J, et al. **Carcinogenesis** 1985 May;6(5):741-7

Evidence that novobiocin and nalidixic acid do not inhibit excision repair in u.v.-irradiated human skin fibroblasts at a pre-incision step. Keyse SM, et al. **Carcinogenesis** 1985 Aug;6(8):1231-3

Dermal collagen metabolism during tumor promotion with 12-O-tetradecanoylphorbol-13-acetate in mouse skin. Marian B, et al. **Carcinogenesis** 1985 Apr;6(4):501-4

Ellagic acid: a potent naturally occurring inhibitor of benzo[a]pyrene metabolism and its subsequent glucuronidation, sulfation and covalent binding to DNA in cultured BALB/C mouse keratinocytes. Mukhtar H, et al. **Carcinogenesis** 1984 Dec;5(12):1565-71

32P-postlabeling analysis of DNA adducts persisting for up to 42 weeks in the skin, epidermis and dermis of mice treated topically with 7,12-dimethylbenz[a]anthracene. Randerath E, et al. **Carcinogenesis** 1985 Aug;6(8):1117-26

Comparison of the binding of some carcinogenic and non-carcinogenic cyclopenta[a]phenanthrenes to DNA in vitro and in vivo. Russell JC, et al. **Carcinogenesis** 1985 Aug;6(8):1223-5

Topographical and developmental studies on target sites of 1.25 (OH)2 vitamin D3 in skin. Stumpf WE, et al. **Cell Tissue Res** 1984;238(3):489-96

Comparative studies of the metabolic activation of chrysene in rodent and human skin. Weston A, et al. **Chem Biol Interact** 1985 Jul;54(2):223-42

Immunoglobulin-G deposits at the dermal-epidermal junction in secondary (traumatic) fibromyalgia syndrome [letter] Burda CD. **Clin Exp Rheumatol** 1984 Apr-Jun; 2(2):195

Low density lipoprotein receptor activity in cultured skin fibroblasts from octa- and nonagenarians. Leren TP, et al. **Clin Genet** 1985 May;27(5):433-42

Plasma and tissue fibronectin in diabetes. Labat-Robert J, et al. **Clin Physiol Biochem** 1984;2(1):39-48

Collagen accumulation in the neonatal rat skin: absence of fibrillar collagen degradation during normal growth. Jeffrey JJ, et al. **Coll Relat Res** 1985 Mar;5(2):157-65

The influence of cell culture variables on human collagenase inhibitor expression. Welgus HG, et al. **Coll Relat Res** 1984 Oct;4(5):377-88

Increased Na+ excretion by the skin of Rana pipiens after NaCl-loading. Vanatta JC, et al. **Comp Biochem Physiol [A]** 1984;79(1):115-8

Metabolic investigations of fibroblasts from horses, Equus caballus, with hereditary severe combined immunodeficiency. Magnuson NS, et al. **Comp Biochem Physiol [B]** 1985;81(3):781-6

Alteration of membrane permeability by amphotericin B. Benoit PA, et al. **Comp Biochem Physiol [C]** 1985; 80(1):109-14

Effects of concanavalin A and cholera toxin on epidermal cAMP and migration rate during wound closure in adult newts. Donaldson DJ, et al. **Comp Biochem Physiol [C]** 1984;79(2):243-8

Age related evolution of stable collagen reticulation in human skin. Le Lous M, et al. **Connect Tissue Res** 1985; 13(2):145-55

Age, species, breed, sex, and nutrition effect on hide collagen. Henrickson RL, et al. **CRC Crit Rev Food Sci Nutr** 1984; 20(3):159-72 (111 ref.)

Integrated study of the structural and metabolic degeneration of skin during 4 degrees C storage in nutrient medium. May SR, et al. **Cryobiology** 1985 Feb;22(1):18-34 (55 ref.)

Optimum warming rates to maintain glucose metabolism in porcine skin cryopreserved by slow cooling. May SR, et al. **Cryobiology** 1985 Apr;22(2):196-202

Structure and multistep activation of the precursors of peptides from honeybee venom glands and frog skin. Kreil G. **Curr Top Cell Regul** 1984;24:261-72

Controlled-release transdermal drug delivery. Kelly HW. **Cutis** 1985 Mar;35(3):204, 207

Quantitative distribution of locally applied lindane in human skin and subcutaneous fat in vitro. Dependence of penetration on the applied concentration, skin state, duration of action and nature and time of washing. Nitsche K, et al. **Derm Beruf Umwelt** 1984;32(5):161-5

Retention time and concentration in human skin of bifonazole and clotrimazole. Lücker PW, et al. **Dermatologica** 1984; 169 Suppl 1:51-5

Low subcutaneous degradation and slow absorption of insulin in insulin-dependent diabetic patients during continuous subcutaneous insulin infusion at basal rate. Chisholm DJ, et al. **Diabetologia** 1984 Aug;27(2):238-41

Non-enzymatic glycosylation of skin collagen in patients with type 1 (insulin-dependent) diabetes mellitus and limited joint mobility. Lyons TJ, et al. **Diabetologia** 1985 Jan;28(1):2-5

Differential methylation of the c-H-ras gene in normal mouse cells and during skin tumour progression. Ramsden M, et al. **EMBO J** 1985 Jun;4(6):1449-54

Diminished internalization and action of

1,25-dihydroxyvitamin D3 in dermal fibroblasts cultured from New World primates. Adams JS, et al. **Endocrinology** 1985 Jun;116(6):2523-7

Solid-phase synthesis of PYLa and isolation of its natural counterpart, PGLa [PYLa-(4-24)] from skin secretion of Xenopus laevis. Andreu D, et al. **Eur J Biochem** 1985 Jun 18;149(3):531-5

Demonstration of receptor binding of two apo-B containing lipoproteins by differential labelling with colloidal gold. Hesz A, et al. **Eur J Cell Biol** 1985 May;37:229-33

Fibroblasts from patients with Fanconi's anemia are not deficient in excision of thymine dimer. Klocker H, et al. **Eur J Cell Biol** 1985 May;37:240-2

Effect of in vitro non-enzymatic glycosylation of human skin collagen on susceptibility to collagenase digestion. Lyons TJ, et al. **Eur J Clin Invest** 1985 Jun;15(3):128-31

Biosynthesis of EGF receptor, transferrin receptor and colligin by cultured human keratinocytes and the effect of retinoic acid. Taylor A, et al. **Exp Cell Res** 1985 Jul; 159(1):47-54

The use of indentometry to study the effect of agents known to increase skin c-AMP content. Hartzshtark A, et al. **Experientia** 1985 Mar 15;41(3):378-9

Nuclear progestin receptor in the chimpanzee sex skin. Ozasa H, et al. **Experientia** 1984 Dec 15;40(12):1424-6

Intermediates in the conversion of prekeratin into keratin molecules in human epidermis. Katagata Y, et al. **FEBS Lett** 1984 Dec 3;178(1):92-6

Penetration of [3H]T-2 toxin through excised human and guinea-pig skin during exposure to [3H]T-2 toxin adsorbed to corn dust. Kemppainen BW, et al. **Food Chem Toxicol** 1984 Nov;22(11):893-6

Low-density lipoprotein metabolism by cultured human fibroblasts: relationship with aging and atherosclerosis. Behrman RG, et al. **Gerontology** 1984;30(6):359-64

Glucocorticoid-induced modulation of insulin-stimulated DNA synthesis: differential responsiveness in cell cultures derived from donors of different ages. Germinario RJ, et al. **Gerontology** 1985;31(2):65-75

Heat and protease treatment of aqueous humor: effect on cell DNA synthesis and growth. Litin BS, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;222(3):154-7

Histochemical analysis of urea-unmasked glycosaminoglycans in the skin of the rat and mouse. Banerjee TK, et al. **Histochem J** 1984 Dec;16(12):1325-37

The transmission of ultra-violet light through fabrics and its potential role in the cutaneous synthesis of vitamin D. Hutchinson G, et al. **Hum Nutr Appl Nutr** 1984 Aug; 38(4):298-302

Increased membrane permeability of skin fibroblasts from the spontaneously hypertensive rat. Tamura H, et al. **Hypertension** 1985 Mar-Apr;7(2):300-5

Fibronectin in leprosy lesions: observations using monoclonal antibodies to human fibronectin. Narayanan RB, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):532-9

Trifluoperazine abolishes the actions of bradykinin on glucose 1,6-bisphosphate levels and on the activities of glucose 1,6-bisphosphatase, phosphofructokinase and phosphoglucomutase. Beitner R, et al. **Int J Biochem** 1985; 17(4):545-50

Tissue production of androgens in women with acne. Lookingbill DP, et al. **J Am Acad Dermatol** 1985 Mar; 12(3):481-7

Cell surface carbohydrates in psoriasis. Defective cytoplasmic transport by glycoconjugates carrying fucose residues suggested by lectin staining. Schaumburg-Lever G, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1087-94

Penetration of cefotaxime into heart valves, subcutaneous and muscle tissue of patients undergoing open-heart surgery. Just HM, et al. **J Antimicrob Chemother** 1984 Oct; 14(4):431-4

Gas flux through human skin: effect of temperature, stripping, and inspired tension. Baumgardner JE, et al. **J Appl Physiol** 1985 May;58(5):1536-45

Fatty acid elongation activity in fibroblasts from patients with adrenoleukodystrophy (ALD). Tsuji S, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1241-7

Synthesis and degradation of type I procollagen mRNAs in cultured human skin fibroblasts and the effect of cortisol. Hämäläinen L, et al. **J Biol Chem** 1985 Jan 25;260(2):720-5

Mechanism of the association of HDL3 with endothelial cells, smooth muscle cells, and fibroblasts. Evidence against the role of specific ligand and receptor proteins. Tabas I, et al. **J Biol Chem** 1984 Nov 25;259(22):13897-905

Identification of two intermediates during processing of profilaggrin to filaggrin in neonatal mouse epidermis. Resing KA, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1372-8

Influence of age on steroid concentrations in skin and striated muscle in women and in cardiac muscle and lung tissue in men. Deslypere JP, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):648-53

Demonstration of elastin gene expression in human skin fibroblast cultures and reduced tropoelastin production by cells from a patient with atrophoderma. Giro MG, et al. **J Clin Invest** 1985 Feb;75(2):672-8

Dexamethasone regulation of glycosaminoglycan synthesis in cultured human skin fibroblasts. Similar effects of glucocorticoid and thyroid hormones. Smith TJ. **J Clin Invest** 1984 Dec;74(6):2157-63

Accumulation of leukotriene C4 and histamine in human allergic skin reactions. Talbot SF, et al. **J Clin Invest** 1985 Aug;76(2):650-6

Ultrastructural and histochemical analysis of thready material in Pseudoxanthoma elasticum. Yamamura T, et al. **J Cutan Pathol** 1984 Aug;11(4):282-91

Initial stage of processing from prekeratin into keratin molecules in human epidermis in vitro. Katagata Y, et al. **J Dermatol (Tokyo)** 1984 Jun;11(3):263-8

Age-related changes in drug concentration in skin and lungs of mice. Ohkoshi M, et al. **J Dermatol (Tokyo)** 1984 Oct; 11(5):438-42

Skin penetration of nicotinic acid, methyl nicotinate, and butyl nicotinate in the guinea pig--comparison of in vivo and excised skin, and the effects of four dermatologic conditions. Osamura H, et al. **J Dermatol (Tokyo)** 1984 Oct; 11(5):471-81

Autoregulation of apical membrane Na+ permeability of tight epithelia. Noise analysis with amiloride and CGS 4270. Abramcheck FJ, et al. **J Gen Physiol** 1985 Apr; 85(4):555-82

Immuno-ultrastructural localization of involucrin in squamous epithelium and cultured keratinocytes. Warhol MJ, et al. **J Histochem Cytochem** 1985 Feb;33(2):141-9

Effects of short and medium chain length fatty acids on pyruvate oxidation by cultured human fibroblasts and rat liver mitochondria. Koga Y, et al. **J Inherited Metab Dis** 1984;7(3):141-2

Copper utilization in cultured skin fibroblasts of the mottled mouse, an animal model for Menkes' kinky hair syndrome. Packman S, et al. **J Inherited Metab Dis** 1984;7(4):168-70

Dolichol metabolism in cultured skin fibroblasts from patients with 'neuronal' ceroid lipofuscinosis (Batten's disease). Paton BC, et al. **J Inherited Metab Dis** 1984;7(3):112-6

Pharmacokinetics of topically applied radiolabeled retinoids in hairless mouse epidermis and dermis after single applications. Connor MJ, et al. **J Invest Dermatol** 1985 Mar; 84(3):184-6

Altered patterns of cutaneous xenobiotic metabolism in UVB-induced squamous cell carcinoma in SKH-1 hairless mice. Das M, et al. **J Invest Dermatol** 1985 Jun;84(6):532-6

Stimulation of skin fibroblast collagenase production by a cytokine derived from basal cell carcinomas. Goslen JB, et al. **J Invest Dermatol** 1985 Aug;85(2):161-4

Identification of chemotactic lipoxygenase products of arachidonate metabolism in psoriatic skin. Grabbe J, et al. **J Invest Dermatol** 1984 May;82(5):477-9

Comparison of epidermal growth factor binding and receptor distribution in normal human epidermis and epidermal appendages. Nanney LB, et al. **J Invest Dermatol** 1984 Nov; 83(5):385-93

Secretion of type IV collagen by keratinocytes of human adult. Oguchi M, et al. **J Invest Dermatol** 1985 Jul; 85(1):79-81

De novo sterologenesis in the skin. II. Regulation by cutaneous barrier requirements. Menon GK, et al. **J Lipid Res** 1985 Apr;26(4):418-27

Evaluation of transport pathways for Na+ across frog skin epithelium by means of presteady-state flux ratio. Eskesen K, et al. **J Membr Biol** 1985;86(2):99-104

Monoclonal antibodies specific for subsets of epidermal keratins: biochemical and immunocytochemical characterization--applications in pathology and cell culture. Knight J, et al. **J Pathol** 1985 Apr;145(4):341-54

Reliability of transcutaneous measurement of oxygen and carbon dioxide partial pressure with a combined Po2-Pco2 electrochemical sensor in the fetus during labor. Schmidt S, et al. **J Perinat Med** 1985;13(3):127-33

Differential effects of collagen in oral tissues and skin by protein-energy malnourished newborn rats and lactating dams. Nakamoto T, et al. **J Periodontol** 1984 Nov; 55(11):648-52

Method for determination of first-pass metabolism in human skin. Yacobi A, et al. **J Pharm Sci** 1984 Oct;73(10):1499-500

Pharmacokinetics of the poly-gamma-glutamyl metabolites of methotrexate in skin and other tissues of rats and hairless mice. Zimmerman CL, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):242-7

Electrogenic active proton pump in Rana esculenta skin and its role in sodium ion transport. Ehrenfeld J, et al. **J Physiol (Lond)** 1985 Feb;359:331-55

Photoaffinity labelling of MSH receptors on Anolis melanophores: irradiation technique and MSH photolabels for irreversible stimulation. Eberle AN. **J Recept Res** 1984; 4(1-6):315-29

Lichen myxedematosus (scleromyxedema) serum stimulates hyaluronic acid and prostaglandin E production by human fibroblasts. Yaron M, et al. **J Rheumatol** 1985 Feb; 12(1):171-5

Skin wound healing determined by water loss. Surinchak JS, et al. **J Surg Res** 1985 Mar;38(3):258-62

Compartmental analysis of the Na+ flux ratio with application to data on frog skin epidermis. Huf EG, et al. **J Theor Biol** 1985 Jan 7;112(1):193-220

Pathogenesis of tumor desmoplasia. II. Collagens synthesized by line 1 and line 10 guinea pig carcinoma cells and by syngeneic fibroblasts in vitro. Form DM, et al. **JNCI** 1984 Nov;73(5):1207-14

Inhibition of sodium transport in frog skin and iodination of tyrosine in vitro by a peptide of renal origin. Fregly MJ, et al. **Klin Wochenschr** 1985;63 Suppl 3:102-6

Effect of parenterally administered atropine on the percutaneous absorption of phencyclidine and methadone. Bailey DN, et al. **Life Sci** 1985 Aug 5;37(5):417-23

Glycosaminoglycan distribution in substratum adhesion sites of aging human skin fibroblasts, including papillary and reticular subpopulations. Beyth RJ, et al. **Mech Ageing Dev** 1985 Feb;29(2):151-69

A method for determining the excretion of volatile substances through skin. Brown DJ. **Methods Find Exp Clin Pharmacol** 1985 May;7(5):269-74

Interspecific comparison of subcutaneous tissue fluid pressure in the bat wing. Bassett JE, et al. **Microvasc Res** 1985 Jul; 30(1):75-9

Effects of epidermal growth factor and 12-O-tetradecanoylphorbol-13-acetate on metabolism of the epidermal growth factor receptor in normal human fibroblasts. Decker SJ. **Mol Cell Biol** 1984 Sep;4(9):1718-24

Mutagens in rat urine after dermal application of 1,3-diaminobenzene. Clemmensen S, et al. **Mutat Res** 1984 Nov-Dec;138(2-3):137-43

Elastoderma--disease of elastin accumulation within the skin. Kornberg RL, et al. **N Engl J Med** 1985 Mar 21; 312(12):771-4

Dermal deposition of eosinophil-granule major basic protein in atopic dermatitis. Comparison with onchocerciasis. Leiferman KM, et al. **N Engl J Med** 1985 Aug 1; 313(5):282-5

The photochemical formation of vitamin D in the skin. **Nutr Rev** 1984 Oct;42(10):341-3

Glycerol kinase deficiency inhibits glycerol utilization in phosphoglyceride and triacylglycerol biosynthesis. Bartley JA, et al. **Pediatr Res** 1985 Mar;19(3):313-4

Epidermal growth factor binding to neonatal mouse skin explants and membrane preparations--effect of triiodothyronine. Hoath SB, et al. **Pediatr Res** 1985 Mar; 19(3):277-81

Trace metal metabolism in cultured skin fibroblasts of the mottled mouse: response to metallothionein inducers. Packman S, et al. **Pediatr Res** 1984 Dec;18(12):1282-6

Opposite effects of indacrinone (MK-196) on sodium and chloride conductance of amphibian skin. Nagel W, et al. **Pflugers Arch** 1985 Apr;403(4):337-43

Lack of PCMB action upon the outer barrier sodium permeability in the absence of Na in toad skin. Sanioto SM, et al. **Pflugers Arch** 1985 Feb;403(2):115-9

Captopril inhibits sodium and water transport in the toad skin, a model of the distal nephron. Orce GG, et al. **Pharmacol Res Commun** 1985 Jan;17(1):33-47

Transcutaneous oxygen and flaps. Achauer BM, et al. **Plast Reconstr Surg** 1984 Nov;74(5):721-2

Epidermal keratin gene expressed in embryos of Xenopus laevis. Jonas E, et al. **Proc Natl Acad Sci USA** 1985 Aug; 82(16):5413-7

The complete cDNA and deduced amino acid sequence of a type II mouse epidermal keratin of 60,000 Da: analysis of sequence differences between type I and type II keratins. Steinert PM, et al. **Proc Natl Acad Sci USA** 1984 Sep; 81(18):5709-13

The sequence of a type II keratin gene expressed in human skin: conservation of structure among all intermediate filament genes. Tyner AL, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4683-7

Enhanced intracellular procollagen degradation in skins of streptozotocin-induced diabetic rats: a causal relationship to underhydroxylation. Schneir M, et al. **Prog Clin Biol Res** 1985,180.667-8

The analysis of arachidonic acid metabolites in normal, uninvolved and lesional psoriatic skin. Barr RM, et al. **Prostaglandins** 1984 Jul;28(1):57-65

Effect of prednisolone on the fatty acid composition and the formation of arachidonate metabolites in human keratinocytes in culture. Puustinen T, et al. **Prostaglandins Leukotrienes Med** 1985 Jun;18(3):293-9

Incorporation in vitro of 14C fatty acids into bovine sebaceous gland and dermal lipids. McMaster JD, et al. **Res Vet Sci** 1985 May;38(3):341-5

Value of nocturnal monitoring of transcutaneous O2 and CO2 pressures in adults with respiratory failure. Brambilla I, et al. **Respiration** 1985;48(1):81-90

The relationship between the dermal content and the 24-hour excretion of analytically identical glycosaminoglycans in humans. Poulsen JH, et al. **Scand J Clin Lab Invest** 1984 Oct;44(6):535-9

Anaerobic skin metabolism in healthy men estimated with transcutaneous PCO2 electrode. Rooth G, et al. **Scand J Clin Lab Invest** 1985 Sep;45(5):393-6

Cytosol androgen receptor (AR) in human skin fibroblasts: characterization of the binding reaction and differentiation from androgen binding molecules of lower affinity. Keenan BS, et al. **Steroids** 1984 Feb;43(2):159-78

[Penetration of 169Yb-citrate through intact and abraded skins] Zhu SP, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):288-9 (Eng. Abstr.) **(Chi)**

[Penetration of 169Yb-citrate through intact and abraded skins] Zhu SP, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):288-9 (Eng. Abstr.) **(Chi)**

[Immunohistologic detection of keratin in epithelial cells of the skin and thymus] Havlíček F, et al. **Cas Lek Cesk** 1985 Mar 22;124(12):376-8 (Eng. Abstr.) **(Cze)**

[Acupuncture and bioelectrochemistry of cutaneous oxygen] Buvet R, et al. **Agressologie** 1984 Nov;25(10):1117-21 (Eng. Abstr.) **(Fre)**

[Dermal aging. Immunofluorescence study of collagens I and III and fibronectin] Pieraggi MT, et al. **Ann Pathol** 1984 Jun-Aug;4(3):185-94 (Eng. Abstr.) **(Fre)**

[Fatty acids in normal and pathological stratum corneum of humans] Massengo T, et al. **C R Soc Biol (Paris)** 1984; 178(4):481-6 (Eng. Abstr.) (Fre)

[Fibronectin level in dermal suction fluid in systemic scleroderma (letter)] Lacour JP, et al. **Presse Med** 1984 Nov 3;13(39):2394 (Fre)

[Thermoregulatory heat production in laying hybrids--the relation between heat production, evaporative heat loss and heat passage through the skin] Nichelmann M, et al. **Arch Exp Veterinarmed** 1985 Jan;39(1):136-55 (Eng. Abstr.) (Ger)

[Penetration kinetics of benzene into the human skin] Wohlrab W, et al. **Dermatol Monatsschr** 1984;170(11):694-8 (Eng. Abstr.) (Ger)

[Deposition of 3H-8-MOP in the eye and skin by PUVA therapy] Grüntzig J, et al. **Fortschr Ophthalmol** 1985; 82(3):228-30 (Eng. Abstr.) (Ger)

[Dermatologic and endocrinologic aspects of hirsutism] Schmidt JB, et al. **Gynakol Rundsch** 1984;24(3):153-60 (Ger)

[Water loss through the skin and rectal temperature under phototherapy with a doped halide radiating lamp] Stornowski C, et al. **Klin Padiatr** 1984 Nov-Dec; 196(6):375-7 (Eng. Abstr.) (Ger)

[Permeation of labeled Oxiconazole. Comparison between the autoradiographic and horizontal slice technics with human skin] Stüttgen G, et al. **Mykosen** 1985 Mar; 28(3):138-47 (Eng. Abstr.) (Ger)

[Metabolism of foreign substances in human skin and hair follicles] Merk H. **Z Hautkr** 1985 Jan;60(1-2):11-8, 21 (Eng. Abstr.) (Ger)

[Incorporation of L-azetidine-2-carboxylic acid into collagen of the skin. Structural changes] Ratzenhofer E, et al. **Z Hautkr** 1984 Jun 1;59(11):722, 727-35 (Eng. Abstr.) (Ger)

[Cutaneous lipid excretion] De Luca R, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1217-22 (Eng. Abstr.) (Ita)

[Histological and electron microscopic studies on cutaneous amyloid deposition in NC mice] Ando F, et al. **Nippon Hifuka Gakkai Zasshi** 1985 May;95(6):655-62 (Jpn)

[Immunopathological studies on cutaneous amyloidosis: observations on interaction of amyloid substances, the dermo-epidermal junction and infiltrates in the dermis] Kaneko F, et al. **Nippon Hifuka Gakkai Zasshi** 1984 May; 94(6):701-6 (Jpn)

[Histochemical studies of lectin binding pattern in human skin, I. Lectin binding pattern in normal human skin] Ookusa Y. **Nippon Hifuka Gakkai Zasshi** 1984 Sep; 94(10):1155-63 (Jpn)

[The location of the fluorescent peripheral zone of disulfide bonds with DACM reagent. With special reference to the marginal band of the stratum corneum cells] Tadashi T, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jul;94(8):921-5 (Jpn)

[Plasminogen activator inhibitor activity of cultured normal human fibroblasts] Ueda M, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Dec;94(14):1609-14 (Jpn)

[Assessment of the function of skin surface lipids influencing the water content of the stratum corneum] Yoshikuni K. **Nippon Hifuka Gakkai Zasshi** 1984 Oct;94(11):1253-8 (Jpn)

[Copper level and metallothionein-like Cu-binding protein in cultured skin fibroblasts from patients with Menkes' disease and Wilson's disease] Sato M, et al. **No To Shinkei** 1984 Nov;36(11):1063-8 (Eng. Abstr.) (Jpn)

[Synthesis of Vitamin D in the skin] Lorenc R, et al. **Postepy Hig Med Dosw** 1985 Jan-Feb;39(1):85-104 (55 ref.) (Eng. Abstr.) (Pol)

[Protein, RNA and DNA synthesis in skin fibroblast cultures from healthy donors and patients with rheumatic diseases] Abakumova OIu, et al. **Biull Eksp Biol Med** 1985 Feb; 99(2):156-8 (Eng. Abstr.) (Rus)

[Functional compartmentalization of oxidative and glycolytic metabolism in frog skin] Skul'skii IA, et al. **Dokl Akad Nauk SSSR** 1985;280(5):1274-6 (Rus)

[Kinetics of benzo[a]pyrene penetration into the mouse skin after treatment with various phenols] Shevchuk IN, et al. **Eksp Onkol** 1984;6(1):22-4 (Eng. Abstr.) (Rus)

[Peroxidation of membrane lipids in experimental photochemotherapy] Akimov VG, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):22-5 (Eng. Abstr.) (Rus)

[Catecholamine content of the skin in patients with psoriasis] Mushet GV. **Vestn Dermatol Venerol** 1985 Mar;(3):54-5 (Eng. Abstr.) (Rus)

MICROBIOLOGY

Bacterial colonization and neonatal infections. Effects of skin and umbilical disinfection in the nursery. Meberg A, et al. **Acta Paediatr Scand** 1985 May;74(3):366-71

Prevalence of enterotoxigenic staphylococci in nose, throat and skin lesions in meat-workers. Danielsson ML, et al. **Acta Vet Scand** 1984;25(2):242-9

Skin-surface touch print for diagnosing fungal infections. Katz HI, et al. **Am Fam Physician** 1985 Apr;31(4):189-94

A bacteriologic study comparing closed suction and simple conduit drainage. Raves JJ, et al. **Am J Surg** 1984 Nov; 148(5):618-20

Inactivation of rhinovirus on human fingers by virucidal activity of glutaric acid. Hayden GF, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):928-9

Skin scrapings for dermatophyte diagnosis. Lauritz B. **Aust Fam Physician** 1984 Nov;13(11):823

Cytotoxic activity of Propionibacterium acnes and other skin organisms. Allaker RP, et al. **Br J Dermatol** 1985 Aug; 113(2):229-35

Micro-organisms isolated from skin under wedding rings worn by hospital staff. Hoffman PN, et al. **Br Med J [Clin Res]** 1985 Jan 19;290(6463):206-7

An epidemiological profile and trend analysis of wound flora in burned children: 7 years' experience. Bowser-Wallace BH, et al. **Burns Incl Therm Inj** 1984 Oct;11(1):16-25

Mycoflora of the human dermal surfaces. Mok WY, et al. **Can J Microbiol** 1984 Oct;30(10):1205-9

The survival of oral streptococci on human skin and its implication in bite-mark investigation. Brown KA, et al. **Forensic Sci Int** 1984 Nov;26(3):193-7

Evaluation of skin antisepsis prior to blood culture in neonates. Champagne S, et al. **Infect Control** 1984 Oct; 5(10):489-91

Handwashing and skin. Physiologic and bacteriologic aspects. Larson E. **Infect Control** 1985 Jan;6(1):14-23 (126 ref.)

Inhibition by sugars of Candida albicans adherence to human buccal mucosal cells and corneocytes in vitro. Collins-Lech C, et al. **Infect Immun** 1984 Dec;46(3):831-4

The absence of dengue virus in the skin lesions of dengue fever. de Andino RM, et al. **Int J Dermatol** 1985 Jan-Feb; 24(1):48-51

Antimicrobial properties of gentamicin on the skin. Lorenzetti OJ, et al. **Int J Dermatol** 1984 Oct;23(8):547-9

The influence of scald water pH on the death rates of Salmonella typhimurium and other bacteria attached to chicken skin. Humphrey TJ, et al. **J Appl Bacteriol** 1984 Oct;57(2):355-9

The enrichment and early detection of Streptococcus pyogenes in skin lesions, using colistin, oxolinic acid, Todd Hewitt broth and latex agglutination. Petts DN. **J Appl Bacteriol** 1984 Dec;57(3):479-83

Efficacy of povidone-iodine in pre-operative skin preparation. Georgiade G, et al. **J Hosp Infect** 1985 Mar; 6 Suppl A:67-71

A comparison of the effect of povidone-iodine and 60% n-propanol on the resident flora using a new test method. Hartmann AA. **J Hosp Infect** 1985 Mar;6 Suppl A:73-80

Studies on the use of povidone-iodine with the 'hygienic hand disinfection' test. Newsom SW, et al. **J Hosp Infect** 1985 Mar;6 Suppl A:45-50

Evaluating skin disinfectants in vivo by excision biopsy and other methods. Selwyn S. **J Hosp Infect** 1985 Mar;6 Suppl A:37-43

Efficacy of low-concentration iodophors for germicidal hand washing. Stiles ME, et al. **J Hyg (Lond)** 1985 Jun; 94(3):269-77

Polyacrylamide gel electrophoresis (PAGE) of whole-cell proteins of cutaneous Propionibacterium species. Nordstrom KM. **J Med Microbiol** 1985 Feb;19(1):9-14

Utilization of chlorhexidine gluconate to evaluate a nonhuman primate skin-degerming model. Deuel DM, et al. **J Med Primatol** 1984;13(2):105-16

Dermatophilosis in a mule deer, Odocoileus hemionus (Rafinesque), from Wyoming. Williams ES, et al. **J Wildl Dis** 1984 Jul;20(3):236-8

The efficacy of the CO2 laser in the sterilization of skin seeded with bacteria: survival at the skin surface and in the plume emissions. Mullarky MB, et al. **Laryngoscope** 1985 Feb;95(2):186-7

Reduction of skin flora by pre-operative disinfection and bacterial recontamination of the skin, instruments and linens during operation. Nagai I, et al. **Med J Osaka Univ** 1984 Mar;34(3-4):61-7

Dermatophytes isolated from laboratory animals. López-Martinez R, et al. **Mycopathologia** 1984 Dec 30; 88(2-3):111-3

Handwashing: ring-wearing and number of microorganisms. Jacobson G, et al. **Nurs Res** 1985 May-Jun;34(3):186-8

The bactericidal activity of aqueous disinfectants applied on living tissues. Reybrouck G. **Pharm Weekbl [Sci]** 1985 Jun 21;7(3):100-3

Impact of topical clindamycin and systemic tetracycline on the skin and colon microflora in patients with acne vulgaris. Borglund E, et al. **Scand J Infect Dis [Suppl]** 1984;43:76-81

Hodgkin's disease: in vitro susceptibility of skin fibroblasts to infection with virus and to lysis by autologous lymphocytes. Ebbesen P, et al. **Tokai J Exp Clin Med** 1983 Dec;8(5-6):485-95

[Importance of the preoperative bathing of patients with the Hibiscrub preparation--a bacteriological and clinical study] Dimitrov Ia, et al. **Khirurgiia (Sofiia)** 1984;37(5):355-8 (Bul)

[Antibacterial activity and clinical use of Noxyflex-S] Absolonová V, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 May;34(3):189-90 (Cze)

[Skin disinfection before parenteral interventions] Svec J, et al. **Cesk Epidemiol Mikrobiol Imunol** 1984 Jul;33(4):243-8 (Eng. Abstr.) (Cze)

[In vivo study of the antiseptic efficacy of an alcoholic solution of chlorhexidine digluconate] Michel G, et al. **Ann Pharm Fr** 1984;42(1):75-82 (Eng. Abstr.) (Fre)

[Experimental and clinical studies of the efficacy of an antimicrobial incision drape] Manncke K, et al. **Chirurg** 1984 Aug;55(8):515-8 (Eng. Abstr.) (Ger)

[Yeast flora on healthy skin] Oehlschlaegel G, et al. **Mykosen** 1985 Jan;28(1):43-9 (Eng. Abstr.) (Ger)

[Isolation, identification and frequency of dermatophytes in clinical specimens] Rizzu D, et al. **G Batteriol Virol Immunol** 1983 Jul-Dec;76(7-12):214-7 (Eng. Abstr.) (Ita)

[Skin flora and epidural infection] Sakuragi T, et al. **Masui** 1984 Oct;33(10):1104-11 (Eng. Abstr.) (Jpn)

[Characteristics of Propionibacterium strains isolated from patients with acne juvenilis and from healthy persons] Kasprowicz A, et al. **Med Dosw Mikrobiol** 1984; 36(4):197-206 (Eng. Abstr.) (Pol)

[Composition of normal bacterial flora of human skin in relation to the age and sex of examined persons] Wilburg J, et al. **Przegl Dermatol** 1984 Nov-Dec;71(6):551-7 (Eng. Abstr.) (Pol)

[Relations between the inhibition and stimulation of microorganism growth and the composition of sebum] Basta M, et al. **Przegl Epidemiol** 1984;38(4):369-76 (Eng. Abstr.) (Pol)

[Study of the dynamics of skin and throat automicroflora and the bacterial contamination of underwear in miners] Kozlov OIu, et al. **Gig Sanit** 1984 Oct;(10):88-9 (Rus)

[Changes in the automicroflora of the skin of underground miners] Kozlov OIu, et al. **Gig Tr Prof Zabol** 1985 Mar; (3):53-5 (Rus)

[Preoperative prevention of surgical infections] Zubarev RP, et al. **Khirurgiia (Mosk)** 1985 May;(5):131-3 (Rus)

[Bacteriological control of the treatment of patients in wards with laminar air flow] Sologub VK, et al. **Klin Med (Mosk)** 1984 Aug;62(8):115-9 (Eng. Abstr.) (Rus)

[Results of sanitary and microbiological studies on the biosatellites 'Kosmos-936' and 'Kosmos-1129'] Korol'kov VI, et al. **Kosm Biol Aviakosm Med** 1984 Nov-Dec; 18(6):79-81 (Rus)

[Results of microbiological research conducted during the mission of the Saliut-6 orbital station] Zaloguev SN, et al. **Kosm Biol Aviakosm Med** 1985 Mar-Apr;19(2):64-6 (Eng. Abstr.) (Rus)

[Rate of mucosocutaneous carriers of staphylococci in heroin addicts of the Barcelona area and the microbiological characteristics of heroin and the material of injection] Miró JM, et al. **Med Clin (Barc)** 1984 Nov 10;83(15):620-3 (Eng. Abstr.) (Spa)

[Dermatophytes on the healthy skin of various body regions] López Martinez R, et al. **Rev Latinoam Microbiol** 1984 Oct-Dec;26(4):365-9 (Eng. Abstr.) (Spa)

PARASITOLOGY

The effects of temperature, relative humidity and host factors on the attachment and survival of Boophilus decoloratus and Boophilus geigyi larvae to skin slices. Amoo A, et al. **Folia Parasitol (Praha)** 1985;32(1):83-8

Schistosoma mansoni: an ultrastructural examination of skin migration in the hamster cheek pouch. Crabtree JE, et al. **Parasitology** 1985 Aug;91 (Pt 1):111-20

The statistical analysis of microfilarial skin snip counts: stabilization of the variance of microfilarial counts. Auer CL, et al. **Tropenmed Parasitol** 1984 Dec;35(4):199-201

Cutaneous responses of cattle to extracts from Rhipicephalus appendiculatus larvae. Binta MG, et al. **Vet Parasitol** 1984 Jul;15(1):67-73

PATHOLOGY

Phenotypic characterization in situ of inflammatory cells in pityriasis (tinea) versicolor. Scheynius A, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):473-9

Clinical appearance of skin lesions and disturbances of pigmentation in localized scleroderma. Serup J. **Acta Derm Venereol (Stockh)** 1984;64(6):485-92

Increase of mast cells in the alopecia lesion of mice. Tanii T, et al. **Acta Derm Venereol (Stockh)** 1985;65(1):64-6

Clinical and histological features of dry skin in atopic dermatitis. Uehara M. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:82-6

Skin biopsy as a beneficial procedure for morphological evaluation of diabetic neuropathy. Yasuda H, et al. **Acta Pathol Jpn** 1985 Jan;35(1):1-8

Merkel cell tumor of the skin. Ultrastructural and immunohistochemical studies. Yoshida Y, et al. **Acta Pathol Jpn** 1984 Nov;34(6):1433-40

Leukemia cutis. A histopathologic study of 42 cases. Buechner SA, et al. **Am J Dermatopathol** 1985 Apr; 7(2):109-19

Biopsy of annular erythemas [letter] Burge SM. **Am J Dermatopathol** 1984 Oct;6(5):519-20

Unique aspects of a lesion of erythema elevatum diutinum. Caputo R, et al. **Am J Dermatopathol** 1984 Oct;6(5):465-9

Leukocytoclastic vasculitis associated with cutaneous infection by herpesvirus. Cohen C, et al. **Am J Dermatopathol** 1984 Dec;6(6):561-5

A cutaneous neoplasm with neural differentiation. Epstein J, et al. **Am J Dermatopathol** 1984 Dec;6(6):591-3

Spiral-shaped and spherical bodies within blood vessels in dermatosis eosinophilica. Kudejko J, et al. **Am J Dermatopathol** 1984 Oct;6(5):461-3

Pathogenesis of ulcerations in deficiency of prolidase. The role of angiopathy and of deposits of amyloid. Pierard GE, et al. **Am J Dermatopathol** 1984 Oct;6(5):491-7

Intraepidermal epithelioma of Borst-Jadassohn. Steffen C, et al. **Am J Dermatopathol** 1985 Feb;7(1):5-24

The late appearance of hypopigmented maculae in tuberous sclerosis. Oppenheimer EY, et al. **Am J Dis Child** 1985 Apr;139(4):408-9

Bruising and thin skin in a 54-year-old woman [clinical conference] **Am J Med** 1985 Jul;79(1):101-10

Young rete ridge keratinocytes are preferred targets in cutaneous graft-versus-host disease. Sale GE, et al. **Am J Pathol** 1985 Feb;118(2):278-87

Acral arteriovenous tumor. A clinicopathologic review. Connelly MG, et al. **Am J Surg Pathol** 1985 Jan;9(1):15-21

Increased dermal mast cell populations in progressive systemic sclerosis: a link in chronic fibrosis? Hawkins RA, et al. **Ann Intern Med** 1985 Feb;102(2):182-6

Juvenile plantar dermatosis. A clinicopathologic study. Ashton RE, et al. **Arch Dermatol** 1985 Feb;121(2):225-8

Regression in thin malignant melanoma. Microscopic diagnosis and prognostic importance. Cooper PH, et al. **Arch Dermatol** 1985 Sep;121(9):1127-31

Cutaneous horn arising in chronic discoid lupus erythematosus [letter] Dabski K, et al. **Arch Dermatol** 1985 Jul;121(7):837-8

Lichen nitidus with plasma cell infiltrate. Eisen RF, et al. **Arch Dermatol** 1985 Sep;121(9):1193-4

Port-wine stains [letter] Enjolras O, et al. **Arch Dermatol** 1985 Jul;121(7):834

Becker's nevus coexistent with connective-tissue nevus. Fenske NA, et al. **Arch Dermatol** 1984 Oct;120(10):1347-50

Pseudo-Kaposi's sarcoma of the hand associated with an acquired, iatrogenic arteriovenous fistula. Goldblum OM, et al. **Arch Dermatol** 1985 Aug;121(8):1038-40

Hyperpigmentation of the skin associated with minocycline therapy. Gordon G, et al. **Arch Dermatol** 1985 May;121(5):618-23

Clinical, histologic, and cell kinetic discriminants between lamellar ichthyosis and nonbullous congenital ichthyosiform erythroderma. Hazell M, et al. **Arch Dermatol** 1985 Apr;121(4):489-93

Streptococcal cellulitis proved by skin biopsy in a coronary artery bypass graft patient. Hurwitz RM, et al. **Arch Dermatol** 1985 Jul;121(7):908-9

Pernio. A possible association with chronic myelomonocytic leukemia. Kelly JW, et al. **Arch Dermatol** 1985 Aug;121(8):1048-52

Verruciform xanthoma of the scrotum. Kimura S. **Arch Dermatol** 1984 Oct;120(10):1378-9

Prevalence of congenital-nevus-like nevi, nevi spili, and café au lait spots. Kopf AW, et al. **Arch Dermatol** 1985 Jun;121(6):766-9

Histologic artifact due to Madajet [letter] Lamm J, et al. **Arch Dermatol** 1985 Jul;121(7):835-6

Skin markings in the diagnosis and prognosis of cutaneous melanoma. Lederman JS, et al. **Arch Dermatol** 1984 Nov;120(11):1449-52

Distinctive acral erythema occurring during therapy for severe myelogenous leukemia. Levine LE, et al. **Arch Dermatol** 1985 Jan;121(1):102-4

Late-onset erythropoietic protoporphyria with unusual cutaneous features. Murphy GM, et al. **Arch Dermatol** 1985 Oct;121(10):1309-12

Pathology quiz case 1: eruptive xanthoma (associated with type 5 hyperlipoproteinemia). Pistone GA. **Arch Dermatol** 1984 Oct;120(10):1366-8

Granulocytic sarcoma. A new finding in the setting of preleukemia. Sadick N, et al. **Arch Dermatol** 1984 Oct;120(10):1341-3

Regression and other factors of prognostic interest in malignant melanoma [editorial] Sagebiel R. **Arch Dermatol** 1985 Sep;121(9):1125-6

Pathology quiz case 1. Erythema elevatum diutinum (EED). Stolar EH. **Arch Dermatol** 1984 Nov;120(11):1508-10

Pustulosis vegetans. Tagami H, et al. **Arch Dermatol** 1984 Oct;120(10):1355-9

Pathology quiz case 2: staphylococcal scalded skin syndrome (SSSS). Young EM Jr. **Arch Dermatol** 1984 Oct;120(10):1366-7, 1369

Effect of crude coal tar in the mouse-tail model of psoriasis. Bladon PT, et al. **Arch Dermatol Res** 1985;277(2):121-5

Filamentous aggregates of collagen. Ultrastructural evidence for collagen-fibril degradation in situ. Kobayasi T, et al. **Arch Dermatol Res** 1985;277(3):214-9

Collagen synthesis in scleroderma: selection of fibroblast populations during subcultures. Krieg T, et al. **Arch Dermatol Res** 1985;277(5):373-6

Behçet's syndrome. Immunopathologic and histopathologic assessment of pathergy lesions is useful in diagnosis and follow-up. Jorizzo JL, et al. **Arch Pathol Lab Med** 1985 Aug;109(8):747-51

Cheiralgia paresthetica and linear atrophy as a complication of local steroid injection. Chodoroff G, et al. **Arch Phys Med Rehabil** 1985 Sep;66(9):637-9

Reverse halo naevus. Paver K, et al. **Australas J Dermatol** 1984 Aug;25(2):80-2

Inflammatory cell accumulation in response to intracutaneous Paf-acether: a mediator of acute and persistent inflammation? Archer CB, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:133-5

Abnormal maturation pathway of keratinocytes in psoriatic skin. Bernard BA, et al. **Br J Dermatol** 1985 Jun;112(6):647-53

DNA flow cytometry of the epidermis of patients with multiple epidermal carcinomas. Frentz G, et al. **Br J Dermatol** 1984 Sep;111(3):271-7

Studies of the clinically uninvolved skin in patients with dermatitis. Al-Jaberi H, et al. **Br J Dermatol** 1984 Oct;111(4):437-43

Comparison of ultrasound and caliper measurements of normal and inflamed skin thickness. Lawrence CM, et al. **Br J Dermatol** 1985 Feb;112(2):195-200

A simple method for studying chemotaxis, vascular permeability and histological modifications induced by mediators of inflammation in vivo in man. Michel L, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:61-6

Neutrophilic urticaria. Peters MS, et al. **Br J Dermatol** 1985 Jul;113(1):25-30

Lichen aureus: a localized persistent form of pigmented purpuric dermatitis. Price ML, et al. **Br J Dermatol** 1985 Mar;112(3):307-14

Stimulated mitotic counts in the non-lesional skin of patients with psoriasis and controls. Rico MJ, et al. **Br J Dermatol** 1985 Aug;113(2):185-8

Excess granulation tissue responses associated with isotretinoin therapy. Robertson DB, et al. **Br J Dermatol** 1984 Dec;111(6):689-94

Bullous amyloidosis. Ruzicka T, et al. **Br J Dermatol** 1985 Jul;113(1):85-95

Neutrophil migration through denuded skin areas: a non-invasive, quantitative and reproducible method to study epidermal cicatrization in vivo in man. Saiag P, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:109-11

The cutaneous reaction to staphylococcal protein A in normal subjects and patients with atopic dermatitis or psoriasis. White MI, et al. **Br J Dermatol** 1985 Aug;113(2):179-83

In situ quantification of T-lymphocyte subsets and Langerhans cells in the inflammatory infiltrate of atopic eczema. Zachary CB, et al. **Br J Dermatol** 1985 Feb;112(2):149-56

A study of the thickness of uninvolved dermis beneath cutaneous malignant melanoma: the ratio of uninvolved dermis to tumour thickness (DT:TT) as a prognostic index. Saxby PJ, et al. **Br J Plast Surg** 1984 Oct;37(4):496-500

Framboesiform lesions in primary herpes simplex infection: a case report. Greenhouse PR, et al. **Br J Vener Dis** 1984 Oct;60(5):346-8

Accidental subcutaneous infiltration of potassium chloride solution causing necrosis. Williams HP. **Br Med J [Clin Res]** 1984 Dec 22-29;289(6460):1742

The Tanzanian human albino skin. Natural history. Luande J, et al. **Cancer** 1985 Apr 15;55(8):1823-8

G2 chromosomal radiosensitivity of ataxia-telangiectasia heterozygotes. Parshad R, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):163-8

Correlation of initiating potency of skin carcinogens with potency to induce resistance to terminal differentiation in cultured mouse keratinocytes. Kilkenny AE, et al. **Cancer Res** 1985 May;45(5):2219-25

Development of phorbol ester responsiveness in neonatal mouse epidermis: correlation between hyperplastic response and sensitivity to first-stage tumor promotion. Fürstenberger G, et al. **Carcinogenesis** 1985 Feb;6(2):289-94

The discriminatory diagnostic ability of beta 2-microglobulin labelling in viral warts, pseudoepitheliomatous hyperplasia and verrucous carcinoma of the skin. Holden CA, et al. **Clin Exp Dermatol** 1985 May;10(3):217-21

Clinical signs of response to treatment in psoriasis--a cell kinetic and histological assessment using the IBAS II image analyser. Newton JA, et al. **Clin Exp Dermatol** 1985 Jan;10(1):36-40

Non-invasive quantification of psoriasis plaques--measurement of skin thickness with 15 mHz pulsed ultrasound. Serup J. **Clin Exp Dermatol** 1984 Sep;9(5):502-8

Pityriasis versicolor with cutaneous atrophy induced by topical steroid application. Tatnall FM, et al. **Clin Exp Dermatol** 1985 May;10(3):258-61

Immunofluorescence in skin specimens from three different biopsy sites in patients with scleroderma. Chen ZY, et al. **Clin Exp Rheumatol** 1985 Jan-Mar;3(1):11-6

Sezary's syndrome: T lymphocyte phenotyping of a skin biopsy using monoclonal antibodies. Hoffman MA, et al. **Clin Lab Haematol** 1984;6(4):383-6

Pruritus and mast cell proliferation of the skin in end stage renal failure. Matsumoto M, et al. **Clin Nephrol** 1985 Jun;23(6):285-8

Pachydermodactyly. Reichert CM, et al. **Clin Orthop** 1985 Apr;(194):252-7

A simplified evaluation of vital capillary microscopy for predicting skin viability in patients with severe arterial insufficiency. Fagrell B, et al. **Clin Physiol** 1984 Oct;4(5):403-11

Histological assessment of skin damage by irritants: its possible use in the evaluation of a 'barrier cream'. Mahmoud G, et al. **Contact Dermatitis** 1984 Sep;11(3):179-85

An hypothesis on a type of hardening. Stone OJ. **Contact Dermatitis** 1985 Mar;12(3):175

Changes in epidermal cell proliferation in proliferative skin disease. Wright NA. **Curr Top Pathol** 1985;74:141-66 (162 ref.)

Macules. Ackerman AB, et al. **Cutis** 1985 Apr;35(4):325-6

Pseudoepitheliomatous, keratotic, and micaceous balanitis. Bargman H. **Cutis** 1985 Jan;35(1):77-9

Blueberry muffin syndrome: cutaneous erythropoiesis and possible intrauterine viral infection. Hendricks WM, et al. **Cutis** 1984 Dec;34(6):549-51

Clinically uninvolved skin in psoriasis. Kaufman AJ, et al. **Cutis** 1985 Apr;35(4):311

Transient acantholytic dermatosis occurring during pregnancy. Levy A, et al. **Cutis** 1985 Jan;35(1):73-4

Unilateral keratosis follicularis. Moore JA, et al. **Cutis** 1985 May;35(5):459-61

Acquired dermal smooth-muscle hamartoma. Wong RC, et al. **Cutis** 1985 Apr;35(4):369-70

Punch biopsy of the skin by electric power drill: effect of speed. A post-mortem study. Serup J. **Dan Med Bull** 1985 Jun;32(3):189-91

The functions of polymorphonuclear leukocytes emigrating into the skin in psoriasis. Csató M, et al. **Dermatol Monatsschr** 1985;171(6):372-5

Density of dopa-positive melanocytes in dyschromatosis symmetrica hereditaria. Hata S, et al. **Dermatologica** 1985;171(1):27-9

Dermatomyositis with prominent mucinous skin change. Histochemical and biochemical aspects of glycosaminoglycans. Igarashi M, et al. **Dermatologica** 1985;170(1):6-11

Prurigo pigmentosa affecting the forehead. Miyakawa S, et al. **Dermatologica** 1984;169(3):135-7

Papuloerythroderma. Ofuji S, et al. **Dermatologica** 1984;169(3):125-30

Some further features for differential diagnosis between squamous cell carcinomas and basal cell epitheliomas. Tosca A, et al. **Dermatologica** 1985;171(1):21-6

The utility of shave biopsy in office practice. Teraoka JK, et al. **Hawaii Med J** 1984 Aug;43(8):278, 280

Connective tissue necrosis after cold injury. Sanyal S, et al. **Indian J Med Res** 1984 Apr;79:554-65

Skin biopsy techniques: Part 2. Sechrist KD, et al. **Indiana Med** 1984 Jun;77(6):454-5

Abnormal regulation of inflammatory skin responses in male patients with chronic granulomatous disease. Gallin JI, et al. **Inflammation** 1983 Sep;7(3):227-32

Susceptibility of skin fibroblasts from individuals genetically predisposed to cancer, to transformation by the tumour promoter 12-O-tetradecanoylphorbol-13-acetate. Gainer HS, et al. **Int J Cancer** 1984 Sep 15;34(3):349-57

Pigmented basal cell epithelioma arising in the scar of an onchocerciasis nodule. Aram H, et al. **Int J Dermatol** 1984 Dec;23(10):658-60

Pathology of granulomatous diseases. Histiocytic granulomas. Hirsh BC, et al. **Int J Dermatol** 1984 Jul-Aug;23(6):383-9 (27 ref.)

Pathology of granulomatous diseases. Foreign body granulomas. Hirsh BC, et al. **Int J Dermatol** 1984 Oct;23(8):531-8 (36 ref.)

Observations on the site, size, shape, and arrangement of lesions in the human skin. Jackson R. **Int J Dermatol** 1984 Jul-Aug;23(6):370-5 (55 ref.)

Idiopathic atrophoderma of Pasini and Pierini. Pullara TJ, et al. **Int J Dermatol** 1984 Dec;23(10):643-5 (19 ref.)

Lipoid proteinosis. Ramsey ML, et al. **Int J Dermatol** 1985 May;24(4):230-2

Cutaneous histopathology of southwestern American Indian mummies. Speck FL, et al. **Int J Dermatol** 1984 Sep;23(7):487-92

Epidermolytic palmo-plantar keratoderma. Thomas JR 3d, et al. **Int J Dermatol** 1984 Dec;23(10):652-5

Histologic diagnosis of benign adnexal skin tumors. An algorithmic approach. Brown E, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):350-8

Morphology of the cellular infiltrate in delayed pressure urticaria. Czarnetzki BM, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):253-9

Benign cephalic histiocytosis. A case report and ultrastructural study. Eisenberg EL, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):328-31

Cerebral cysticercosis: diagnostic value of subcutaneous nodules. Report of two cases. Falanga V, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):304-7

Cutaneous findings in hairy cell leukemia. Finan MC, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):788-97

Sclerodermoid changes of porphyria cutanea tarda: possible relationship to urinary uroporphyrin levels. Friedman SJ, et al. **J Am Acad Dermatol** 1985 Jul;13(1):70-4

Evaluation of cytodiagnosis of cutaneous basal cell carcinoma. Gordon LA, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1082-6

Nodular (keloidal) scleroderma. James WD, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1111-4

Cutaneous horns of the penis: an approach to management. Case report and review of the literature. Lowe FC, et al. **J Am Acad Dermatol** 1985 Aug;13(2 Pt 2):369-73

Simplified fixative medium for direct immunofluorescence in skin biopsies. Niedecken HW, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):828-31

Immunoperoxidase methods and advances in skin biology. Penneys NS. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):284-90 (45 ref.)

Balloon cell malignant melanoma. Peters MS, et al. **J Am Acad Dermatol** 1985 Aug;13(2 Pt 2):351-4

T cell subset heterogeneity in a series of patients with mycosis fungoides and Sézary syndrome. Piepkorn M, et al. **J Am Acad Dermatol** 1984 Sep;11(3):427-32

Eosinophilic cellulitis (Wells' syndrome): histologic and clinical features in arthropod bite reactions. Schorr WF, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1043-9

Mucinous syringometaplasia. Scully K, et al. **J Am Acad Dermatol** 1984 Sep;11(3):503-8

An acquired form of epidermolysis bullosa without immunoreactants. Report of a case. Unis ME, et al. **J Am Acad Dermatol** 1985 Aug;13(2 Pt 2):377-80

Phaeohyphomycotic cyst of the skin caused by Exophiala jeanselmei. Zackheim HS, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):207-12

Breast skin thickness: normal range and causes of thickening shown on film-screen mammography. Pope TL Jr, et al. **J Can Assoc Radiol** 1984 Dec;35(4):365-8

Expression of specific keratin markers by rabbit corneal, conjunctival, and esophageal epithelia during vitamin A deficiency. Tseng SC, et al. **J Cell Biol** 1984 Dec; 99(6):2279-86

Storage of skin biopsies at -70 degrees C for future fibroblast culture. Fowler KJ. **J Clin Pathol** 1984 Oct;37(10):1191-3

Histometric study of the localisation of lymphocyte subsets and accessory cells in human Mantoux reactions. Gibbs JH, et al. **J Clin Pathol** 1984 Nov;37(11):1227-34

Subcutaneous phaeohyphomycosis: a histopathological study of nine cases from Malawi. O'Donnell PJ, et al. **J Clin Pathol** 1985 Mar;38(3):288-92

Molluscum contagiosum occurring in an epidermoid cyst. Aloi FG, et al. **J Cutan Pathol** 1985 Apr;12(2):163-5

Clear-cell tumors of the skin: a histopathologic review. Civatte J. **J Cutan Pathol** 1984 Jun;11(3):165-75

Heritable metabolic storage diseases. Gebhart W. **J Cutan Pathol** 1985 Jun-Aug;12(3-4):348-57

Perforating lichen planus. Hanau D, et al. **J Cutan Pathol** 1984 Jun;11(3):176-8

Colloid milium: a final degeneration product of actinic elastoid. Hashimoto K, et al. **J Cutan Pathol** 1985 Apr; 12(2):147-56

Bullous congenital ichthyosiform erythroderma masquerading as dystrophic epidermolysis bullosa. Hashimoto K, et al. **J Cutan Pathol** 1985 Apr;12(2):130-41

Appendage tumors of the skin: histogenesis and ultrastructure. Hashimoto K, et al. **J Cutan Pathol** 1984 Oct;11(5):365-81 (23 ref.)

A comparative immunoperoxidase and histopathologic study of condylomata acuminata. Kimura S, et al. **J Cutan Pathol** 1985 Apr;12(2):142-6

Adnexal displacement and regression in association with histiocytoma (dermatofibroma). Rahbari H, et al. **J Cutan Pathol** 1985 Apr;12(2):94-102

Large acquired nevocytic nevi induced by the Koebner phenomenon. Soltani K, et al. **J Cutan Pathol** 1984 Aug; 11(4):296-9

The cutaneous pathology of Cowden's disease: new findings. Starink TM, et al. **J Cutan Pathol** 1985 Apr;12(2):83-93

The cutaneous pathology of facial lesions in Cowden's disease. Starink TM, et al. **J Cutan Pathol** 1984 Oct; 11(5):331-7

The cutaneous pathology of extrafacial lesions in Cowden's disease. Starink TM, et al. **J Cutan Pathol** 1984 Oct; 11(5):338-44

Intimate structural association of amyloid and elastic fibers in systemic and cutaneous amyloidoses. Yanagihara M, et al. **J Cutan Pathol** 1985 Apr;12(2):110-6

Tumor Conference 56. Localized cutaneous nodular amyloidosis. [clinical conference] Bart RS, et al. **J Dermatol Surg Oncol** 1985 Jun;11(6):582-4

Stump the experts. Skin neoplasms. Kouskoukis CE. **J Dermatol Surg Oncol** 1985 Jun;11(6):585, 641

Sarcoidosis with xanthomatous and necrobiotic changes: a case report. Fujii Y, et al. **J Dermatol (Tokyo)** 1984 Oct; 11(5):493-6

Trichilemmal neoplasm developing in seborrheic keratosis--report of two cases. Horiguchi Y, et al. **J Dermatol (Tokyo)** 1985 Apr;12(2):167-73

Disturbed mitotic processes of stroma cells in a patient with tuberous sclerosis. Ishibashi Y, et al. **J Dermatol (Tokyo)** 1984 Jun;11(3):236-52

The nature and pathogenesis of dyskeratosis in Hailey-Hailey's disease and Darier's disease. Ishibashi Y, et al. **J Dermatol (Tokyo)** 1984 Aug;11(4):335-53

A case of cutaneous plasmacytosis. Ishii N, et al. **J Dermatol (Tokyo)** 1984 Dec;11(6):565-9

Perilymphatic atrophy of the skin as visualized by ultraviolet photography [letter] Kikuchi I. **J Dermatol (Tokyo)** 1984 Apr;11(2):203-4

Encapsulated necrosis on the legs showing a changing number of nodules. A special type of encapsulated adiponecrosis? Kikuchi I. **J Dermatol (Tokyo)** 1984 Aug; 11(4):413-6

The anergy of annularity. Lobitz WC Jr, et al. **J Dermatol (Tokyo)** 1984 Oct;11(5):425-32

Characterization of cultured dermal fibroblasts and isolation of glycosaminoglycans from the medium of cells of patients with Werner's syndrome. Maekawa Y, et al. **J Dermatol (Tokyo)** 1985 Apr;12(2):129-33

Lupoid sycosis with extensive mutilations (an instance of therapeutic helplessness). Reddy BS, et al. **J Dermatol (Tokyo)** 1984 Aug;11(4):397-402

Kimura's disease. A case report. Sawada Y, et al. **J Dermatol (Tokyo)** 1984 Oct;11(5):487-92

Punch biopsy of the skin: effect of tissue fixation with CO2-freezing. An experimental study. Serup J. **J Dermatol (Tokyo)** 1984 Oct;11(5):465-70

Localized scleroderma (morphoea): studies of eccrine gland function and skin microtopography. Serup J. **J Dermatol (Tokyo)** 1984 Jun;11(3):269-76

Pachydermodactyly: a case report and discussion of the pathologic entity. Fleeter TB, et al. **J Hand Surg [Am]** 1984 Sep;9(5):764-6

Histochemical evaluation of glycosaminoglycan deposition in the skin. Kupchella CE, et al. **J Histochem Cytochem** 1984 Oct;32(10):1121-4

Ultrastructural changes in fibroblast mitochondria of a patient with HHH-syndrome. Metoki K, et al. **J Inherited Metab Dis** 1984;7(4):147-50

Biochemical composition of the connective tissue in keloids and analysis of collagen metabolism in keloid fibroblast cultures. Abergel RP, et al. **J Invest Dermatol** 1985 May; 84(5):384-90

Subpopulations of mononuclear cells in microscopic lesions of psoriatic patients. Selective accumulation of suppressor/cytotoxic T cells in epidermis during the evolution of the lesion. Hammar H, et al. **J Invest Dermatol** 1984 Dec;83(6):416-20

Evidence for an alternative pathway of keratinocyte maturation in psoriasis from an antigen found in psoriatic but not normal epidermis. Mansbridge JN, et al. **J Invest Dermatol** 1984 Oct;83(4):296-301

Collagen synthesis and collagenase activity in dermal fibroblasts from patients with diabetes and digital sclerosis. Seibold JR, et al. **J Lab Clin Med** 1985 Jun;105(6):664-7

Skin lesions of papular urticaria induced experimentally by Cheyletus malaccensis and Chelacaropsis sp. (Acari: Cheyletidae). Yoshikawa M. **J Med Entomol** 1985 Jan 18; 22(1):115-7

Cell surface abnormality in clones of skin fibroblasts from a carrier of Duchenne muscular dystrophy. Hillier J, et al. **J Med Genet** 1985 Apr;22(2):100-3

Diagnostic role of skin or conjunctival biopsies in neurological disorders. An update. Ceuterick C, et al. **J Neurol Sci** 1984 Aug;65(2):179-91

Tissue reaction to implanted biomaterials. Akagawa Y, et al. **J Prosthet Dent** 1985 May;53(5):681-6

Penile horns: report of 2 cases. Willscher MK, et al. **J Urol** 1984 Dec;132(6):1192-3

Pathogenesis of desmoplasia. I. Immunofluorescence identification and localization of some structural proteins of line 1 and line 10 guinea pig tumors and of healing wounds. Dvorak HF, et al. **JNCI** 1984 Nov;73(5):1195-205

Morphologic characteristics of the skin of bald mutant rats. Inazu M, et al. **Lab Anim Sci** 1984 Dec;34(6):584-7

Abnormal collagen fibrils in aspartylglycosaminuria. Altered dermal ultrastructure in a glycoprotein storage disorder. Näntö-Salonen K, et al. **Lab Invest** 1984 Oct;51(4):464-8

Skin and muscle necrosis during heparin-dihydroergotamine prophylaxis [letter] Monreal M, et al. **Lancet** 1984 Oct 6; 2(8406):820

Thromboembolism, coumarin necrosis, and protein C. Kazmier FJ. **Mayo Clin Proc** 1985 Oct;60(10):673-4

Histologic alterations of psoralen- and longwave ultraviolet radiation-exposed skin. Harrist TJ, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:197-204

Osteosclerotic myeloma complicated by diffuse arteritis, vascular calcification and extensive cutaneous necrosis. Raper RF, et al. **Nephron** 1985;39(4):389-92

Sanfilippo disease, type A with some features of ceroid lipofuscinosis. Wisniewski K, et al. **Neuropediatrics** 1985 May;16(2):98-105

Histopathologic studies on mucosal and cutaneous lesions in contagious papular dermatitis of Japanese serow (Capricornis crispus). Okada HM, et al. **Nippon Juigaku Zasshi** 1984 Jun;46(3):257-64

Connective tissue changes associated with inferior epiblepharon, epicanthus, and keratoconus. Daxecker F, et al. **Ophthalmologica** 1985;191(1):12-6

Congenital fascial dystrophy--a noninflammatory disease of fascia: the stiff skin syndrome. Jablonska S, et al. **Pediatr Dermatol** 1984 Oct;2(2):87-97

Neoplastic transformation of neonatal mouse skin fibroblasts in culture after a single exposure to ultraviolet radiation in vivo. Ananthaswamy HN. **Photodermatol** 1984 Jun; 1(3):106-13

Miniature swine as an animal model in photodermatology: factors influencing sunburn cell formation. Sambuco CP. **Photodermatol** 1985 Jun;2(3):144-50

Long-term histologic follow-up of phenol face peels. Kligman AM, et al. **Plast Reconstr Surg** 1985 May; 75(5):652-9

Cultured psoriatic fibroblasts from involved and uninvolved sites have a partial but not absolute resistance to the proliferation-inhibition activity of 1,25-dihydroxyvitamin D3. MacLaughlin JA, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5409-12

Viability in split-skin biopsies measured by a surface oxygen electrode. Jensen HS, et al. **Scand J Clin Lab Invest** 1984 Sep;44(5):423-8

Sézary syndrome: phenotypic and functional characterization of the neoplastic cells. Ralfkiaer E, et al. **Scand J Haematol** 1985 May;34(5):385-93

Establishment of an epithelial cell line originating from leg skin of a patient with palatine carcinoma. Wu YQ, et al. **Sci Sin [B]** 1985 Mar;28(3):289-95

Dyschromatosis symmetrica hereditaria--a histochemical and ultrastructural study. Sheu HM, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Feb;84(2):238-49

Inhibition of epithelial downgrowth on percutaneous access devices in swine: II. Wasfie T, et al. **Trans Am Soc Artif Intern Organs** 1984;30:556-60

The histopathology and electron microscopy of a human monkeypox lesion. Stagles MJ, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):192-202

Inclusion body myofibroblasts other than those seen in recurring digital fibroma of childhood. Navas-Palacios JJ, et al. **Ultrastruct Pathol** 1984;7(2-3):109-21

Age and the neck's 'décolleté syndrome'. Dénes Z. **ZFA** 1985 May-Jun;40(3):159-64

[Punch biopsy of the skin] Serup J. **Ugeskr Laeger** 1984 Jul 9;146(28):2086-9 (Eng. Abstr.) **(Dan)**

[Ultrasonic examination of the skin] Serup J. **Ugeskr Laeger** 1984 Jul 16;146(29):2143-6 (Eng. Abstr.) **(Dan)**

[Besnier-Boeck-Schaumann disease: multiple sarcoids on areas exposed to light] Goujon C, et al. **Ann Dermatol Venereol** 1984;111(9):815-7 **(Fre)**

[Perforating purpura] Reymond JL, et al. **Ann Dermatol Venereol** 1985;112(2):159-62 **(Fre)**

[Tissue necrosis after accidental perivenous injection of potassium chloride] Steib A, et al. **Ann Fr Anesth Reanim** 1984;3(5):396-7 **(Fre)**

[Cutaneous-mucous hyalinosis (Urbach-Wiethe disease). Histologic and ultrastructural study of a case] Brocheriou C, et al. **Ann Pathol** 1984 Sep-Nov;4(4):297-303 (Eng. Abstr.) **(Fre)**

[Microangiopathy and involvement of dermal connective tissue in young subjects with or without direct cardiovascular or diabetic antecedent (letter)] Bouissou H, et al. **Presse Med** 1984 Dec 22;13(46):2815-6 **(Fre)**

[Kala-azar in immunosuppressed patients. Apropos of a case disclosed by skin lesions] Frances C, et al. **Presse Med** 1984 Nov 10;13(40):2433-6 (Eng. Abstr.) **(Fre)**

[Relation between lesions of the dermis and the arteriosclerotic field (letter)] Pieraggi MT, et al. **Presse Med** 1984 Nov 17;13(41):2518-9 **(Fre)**

[Multicentric reticulohistiocytosis. Monosymptomatic form] Jacobi H, et al. **Dermatol Monatsschr** 1984;170(8):523-30 (Eng. Abstr.) **(Ger)**

[Significance of punch biopsy in experiments and dermatologic practice] Jung HD, et al. **Dermatol Monatsschr** 1984;170(12):750-2 (Eng. Abstr.) **(Ger)**

[Parakeratosis variegata] Wätzig V, et al. **Dermatol Monatsschr** 1984;170(11):683-8 (Eng. Abstr.) **(Ger)**

[Colliquation necrosis of the skin caused by a cardiac pacemaker] Kietzmann H, et al. **Dtsch Med Wochenschr** 1985 Mar 29;110(13):504-7 (Eng. Abstr.) **(Ger)**

[Anatomic relations between skin and pathologically changed aponeurosis in Dupuytren disease] Martini AK. **Handchir Mikrochir Plast Chir** 1985 May;17(3):134-8 (Eng. Abstr.) **(Ger)**

[Sarcoidosis with destruction of joints] Blom WA, et al. **Hautarzt** 1985 Feb;36(2):109-12 (Eng. Abstr.) **(Ger)**

[Localized cutaneous siderosis following intramuscular iron injections] Bork K. **Hautarzt** 1984 Nov;35(11):598-9 (Eng. Abstr.) **(Ger)**

[Structure of the dermal lymph capillaries and their functional interpretation] Daróczy J. **Hautarzt** 1984 Dec; 35(12):630-9 (Eng. Abstr.) **(Ger)**

[Benign juvenile melanoma (spindle cell nevus) with atypical manifestations] Stanka F, et al. **Hautarzt** 1985 Feb; 36(2):113-5 (Eng. Abstr.) **(Ger)**

[Pseudohypoparathyroidism, calcifying arteriopathy and ischemic skin necrosis] Michel B, et al. **Schweiz Med Wochenschr** 1985 Mar 23;115(12):418-21 (Eng. Abstr.) **(Ger)**

[The Spitz nevus. Spindle cell and/or epithelioid cell nevus--a histological analysis of 652 tumors] Gartmann H, et al. **Z Hautkr** 1985 Jan;60(1-2):29-30, 34-6, 39-42 (Eng. Abstr.) **(Ger)**

[Groenblad-Strandberg syndrome] Schneider T, et al. **Z Hautkr** 1984 Oct 1;59(19):1290-2, 1297-300 (Eng. Abstr.) **(Ger)**

[Histology of dermabrasion in giant nevi] Tritsch H. **Z Hautkr** 1985 Jan;60(1-2):47-54 (Eng. Abstr.) **(Ger)**

[Distribution of elastic bodies (elastic globes) in healthy human skin. Studies with a dense grid] Vock R, et al. **Z Rechtsmed** 1985;94(1):1-8 (Eng. Abstr.) **(Ger)**

[Stages of postmortem formation of washerwoman's skin--results of systematic qualitative and quantitative experimental studies] Weber W, et al. **Z Rechtsmed** 1984; 92(4):277-90 (Eng. Abstr.) **(Ger)**

[Skin changes and jaw cysts--case reports of the basal cell nevus syndrome] Zenk W, et al. **Zahn Mund Kieferheilkd** 1984;72(6):559-65 (Eng. Abstr.) **(Ger)**

[Effect of experimental biotin deficiency on the morphology and histochemistry of the skin and claws in swine] Geyer H, et al. **Zentralbl Veterinarmed [A]** 1984 Aug;31(7):519-38 (Eng. Abstr.) **(Ger)**

[Reactive perforating collagenosis--report of 2 cases among siblings and differentiation from similar conditions] Arata J, et al. **Nippon Hifuka Gakkai Zasshi** 1984 May; 94(6):665-76 **(Jpn)**

[Effects of colchicine on stroma cells in a patient with tuberous sclerosis] Ishibashi Y, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Mar;95(4):477-86 **(Jpn)**

[T cell subsets and nuclear contour index of skin-infiltrating T cells in mycosis fungoides and Sézary syndrome] Iwahara K. **Nippon Hifuka Gakkai Zasshi** 1984 Nov;94(13):1499-507 **(Jpn)**

[Favre-Racouchot syndrome (élastéidose cutanée nodulaire à kystes et à comédons)--father and son and its hereditary pathogenesis] Iwahori Y, et al. **Nippon Hifuka Gakkai Zasshi** 1985 May;95(6):669-74 **(Jpn)**

[Follow-up study in patients with arsenical poisoning from dry powdered milk] Kawatsu T. **Nippon Hifuka Gakkai Zasshi** 1984 Jun;94(7):787-95 **(Jpn)**

[A case of localized folded skin with underlying lipomatosis nevus] Oka K, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Aug;94(9):997-1001 **(Jpn)**

[A comparative study of idiopathic mucinosis follicularis and a symptomatic type associated with mycosis fungoides--with an observation on T cell subsets] Sudo S, et al. **Nippon Hifuka Gakkai Zasshi** 1984 May; 94(6):681-94 **(Jpn)**

[Local atrophy following injection of depot corticosteroid] Haye R, et al. **Tidsskr Nor Laegeforen** 1984 Aug 20; 104(23):1532-3 (Eng. Abstr.) **(Nor)**

[Argyrophilic fibers of the skin in acroscleroderma before and after treatment with heparin] Chodorowska G. **Przegl Dermatol** 1984 Nov-Dec;71(6):573-80 (Eng. Abstr.) **(Pol)**

[Progressive necrosis of the skin] Izmailov GA. **Khirurgiia (Mosk)** 1985 May;(5):57-61 (Eng. Abstr.) **(Rus)**

[Characteristics of the cytogram in precancerous conditions of the skin] Genes IS, et al. **Lab Delo** 1985;(5):298-300 (Eng. Abstr.) **(Rus)**

[Treatment of hematoxylin- and eosin-stained histological specimens with other dyes] Mitiaeva NA, et al. **Sud Med Ekspert** 1985 Jan-Mar;28(1):45-6 **(Rus)**

[Identification of the cells of dermal proliferation in hemodermias (malignant lymphomas)] Kalamkarian AA, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):8-13 (Eng. Abstr.) **(Rus)**

[Contact microscopy of the skin in dermatological practice] Kolpakov FI, et al. **Vestn Dermatol Venerol** 1985 Apr; (4):18-20 (Eng. Abstr.) **(Rus)**

[Morphological changes in the skin of patients with psoriasis after external photochemotherapy] Tsvetkova GM, et al. **Vestn Dermatol Venerol** 1984 Sep;(9):7-11 (Eng. Abstr.) **(Rus)**

[Clinico-morphological changes in the skin and internal organs in congenital epidermolysis bullosa] Liashenko IN, et al. **Vrach Delo** 1984 Oct;(10):94-8 **(Rus)**

[Cutaneous eruption in Still's disease of the adult (letter)] Biosca M, et al. **Med Clin (Barc)** 1984 Nov 3;83(14):608-9 **(Spa)**

[Benign late syphilis: 2 cases, gummatous syphilis and nodular syphilis] Lloret Cano A, et al. **Med Cutan Iber Lat Am** 1984;12(3):265-8 (Eng. Abstr.) **(Spa)**

[Chronic urticaria. Evaluation of cutaneous biopsy] Sastre Dominguez J, et al. **Rev Clin Esp** 1985 Feb;176(2):74-6 (Eng. Abstr.) **(Spa)**

[Stay in the shadow waiting for varicella!] Lindberg A. **Lakartidningen** 1984 Oct 10;81(41):3682 **(Swe)**

[New knowledge about electrical skin injuries] Danielsen L, et al. **Nord Med** 1984;99(11):288-9 (Eng. Abstr.) **(Swe)**

[Skin symptoms as a sign of internal organ diseases] Zachariae H. **Nord Med** 1985;100(2):46-50 (Eng. Abstr.) **(Swe)**

PHYSIOLOGY

Relationship between electrical skin resistance and rectal temperature in man during physical exercise. Grucza R. **Acta Physiol Pol** 1984 May-Jun;35(3):293-8

Intracellular Cl activity changes of frog skin. Biber TU, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):F432-8

Interstitial compliance and transcapillary Starling pressures in cat skin and skeletal muscle. Wiig H, et al. **Am J Physiol** 1985 May;248(5 Pt 2):H666-73

Effect of vasopressin on the permeability of non electrolytes across the skins of Rana esculenta and Bufo bufo. Ardizzone C, et al. **Arch Int Physiol Biochim** 1985 Jun; 93(2):135-41

Vibrotactile threshold for hairy skin and its transformation into equivalent bone-conduction loss for the mastoid. Lamoré PJ. **Audiology** 1984;23(6):537-51

Inhibition of fibroblastic cell division by a fraction of structural glycoproteins extracted from rabbit dermis. Maquart FX, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):509-15

A differential scanning calorimetry analysis of the age-related changes in the thermal stability of rat skin collagen. Flandin F, et al. **Biochim Biophys Acta** 1984 Dec 7;791(2):205-11

Ageing and the skin. Monk B, et al. **Br J Hosp Med** 1985 Mar;33(3):163-5

Long term effects of cryosurgery on cutaneous sensation. Sonnex TS, et al. **Br Med J [Clin Res]** 1985 Jan 19; 290(6463):188-90

The onset and offset of the hydrosmotic response in frog epithelia. Parisi M, et al. **Braz J Med Biol Res** 1984; 17(3-4):341-7

Measurements of transepidermal water loss in newborn infants. Sedin G, et al. **Clin Perinatol** 1985 Feb;12(1):79-99

Changes in the blood and plasma volume of Harris' sparrows during postnuptial molt. deGraw WA, et al. **Comp Biochem Physiol [A]** 1985;81(4):889-93

Isolation of substances with vascular permeability-increasing activity from the skin of the plaice (Pleuronectes platessa L.). Ashraf AJ, et al. **Comp Biochem Physiol [C]** 1985; 81(1):53-6

Inhibition of stimulated osmotic water flow by fluphenazine, a calmodulin inhibitor, in the isolated toad skin. Berman DM. **Comp Biochem Physiol [C]** 1985;81(1):203-8

Half a century of comparative research on biogenic amines and active peptides in amphibian skin and molluscan tissues. Erspamer V. **Comp Biochem Physiol [C]** 1984;79(1):1-7

Ethanol and silver effects on ion transport across toad skin. Gerencser GA, et al. **Comp Biochem Physiol [C]** 1985; 81(2):337-9

Control of chromatophore movements in dermal chromatic units of blue damselfish--I. The melanophore. Kasukawa H, et al. **Comp Biochem Physiol [C]** 1985;81(2):253-7

Use of an iridium-oxide transcutaneous carbon dioxide electrode on adult surgical patients. Williams R, et al. **Crit Care Med** 1985 Oct;13(10):848-50

New experimental approach to measure the skin-reflected light. Application to cutaneous erythema and blanching. Lévêque JL, et al. **Dermatologica** 1985;170(1):12-6

Short-latency cortical potentials evoked by tactile air-jet stimulation of body and face in man. Schieppati M, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov; 58(5):418-25

An idealized element model of human skin. Gunner CW, et al. **Eng Med** 1984 Jul;13(3):121-9

Effect of 17 alpha-methyltestosterone on the skin and gonads of freshwater male silver eels. Olivereau M, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):64-71

Autofluorescence of human skin fibroblasts during growth inhibition and in vitro ageing. Poot M, et al. **Gerontology** 1985;31(3):158-65

Permeability of superficial lymphatic capillaries in human skin to FITC-labelled dextrans 40 000 and 150 000. Huber M, et al. **Int J Microcirc Clin Exp** 1984;3(1):59-69

Collagen injections for aging skin lines (wrinkles). Rapaport MJ, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):250-2

Respiratory responses to noxious and nonnoxious heating of skin in cats. Waldrop TG, et al. **J Appl Physiol** 1984 Dec; 57(6):1738-41

Effects of clothing and humidity upon water vapor pressure of human skin and shirt surfaces. Kawakami K, et al. **J Hum Ergol (Tokyo)** 1984 Sep;13(1):37-42

Determination of the electromotive force of active sodium transport in frog skin epithelium (Rana temporaria) from presteady-state flux ratio experiments. Eskesen K, et al. **J Membr Biol** 1985;86(2):105-11

Cell K activity in frog skin in the presence and absence of cell current. Garcia-Diaz JF, et al. **J Membr Biol** 1985; 85(2):143-58

Electrical and ionic controls of tissue cell locomotion in DC electric fields. Cooper MS, et al. **J Neurosci Res** 1985; 13(1-2):223-44

A method for studying cutaneous pain perception and analgesia in horses. Kamerling SG, et al. **J Pharmacol Methods** 1985 Jun;13(3):267-74

Cutaneous receptive field and morphological properties of hamstring flexor alpha-motoneurones in the rat. Cook AJ, et al. **J Physiol (Lond)** 1985 Jul;364:249-63

Sodium-selective micro-electrode study of apical permeability in frog skin: effects of sodium, amiloride and ouabain. Harvey BJ, et al. **J Physiol (Lond)** 1984 Nov; 356:359-74

Physiological role of apical potassium ion channels in frog skin. Van Driessche W. **J Physiol (Lond)** 1984 Nov; 356:79-95

Enhancement of histamine synthesis in mouse skin by epinephrine. Rothschild AM. **Life Sci** 1984 Oct 15; 35(16):1639-43

The intracutaneous stimulus: a new pain model for algesimetric studies. Bromm B, et al. **Methods Find Exp Clin Pharmacol** 1984 Jul;6(7):405-10

Discrimination of innocuous and noxious thermal stimuli applied to the face in human and monkey. Bushnell MC, et al. **Somatosens Res** 1983;1(2):119-29

The influence of rate of skin indentation on threshold and suprathreshold tactile sensations. Greenspan JD, et al. **Somatosens Res** 1984;1(4):379-93

A comparison of force and depth of skin indentation upon psychophysical functions of tactile intensity. Greenspan JD. **Somatosens Res** 1984;2(1):33-48

Differential sensitivity to airpuffs on human hairy and glabrous skin. Hamalainen HA, et al. **Somatosens Res** 1985; 2(4):281-302

[A new quantitative approach to cutaneous aging] Escande JP, et al. **Ann Med Interne (Paris)** 1985;136(4):287-9 **(Fre)**

[Thermoregulatory heat production in laying hybrids--the relation between heat production, evaporative heat loss and heat passage through the skin] Nichelmann M, et al. **Arch Exp Veterinarmed** 1985 Jan;39(1):136-55 (Eng. Abstr.) **(Ger)**

[A simple procedure for characterizing the properties of biomechanical material in situ, especially human skin] Böhm E. **Arch Kriminol** 1984 Jul-Aug;174(1-2):40-50 **(Ger)**

[Protection from the cold. A further useful preventive measure] Greiter F. **Derm Beruf Umwelt** 1985;33(2):66-9 (Eng. Abstr.) **(Ger)**

[The importance of adrenergic receptors for dermatology] Raff M, et al. **Hautarzt** 1985 May;36(5):259-64 (67 ref.) (Eng. Abstr.) **(Ger)**

[Biomechanical studies of human and animal skin in vivo and in vitro] Vogel HG. **Z Hautkr** 1984 Aug 15; 59(16):1098-100 (Eng. Abstr.) **(Ger)**

[Studies of experimentally induced trans-epithelial elimination, with special reference to the role of neutrophils in its mechanisms] Morishita M. **Nippon Hifuka Gakkai Zasshi** 1984 Dec;94(14):1615-24 **(Jpn)**

[Natural sympathetic electrical activity tapped from the surface of human skin] Skok VI, et al. **Fiziol Cheloveka** 1984 Nov-Dec;10(6):1027-35 **(Rus)**

[Apparatus for measuring the electrical resistance of human skin] Kolotilov NN, et al. **Fiziol Zh** 1985 May-Jun; 31(3):366-8 **(Rus)**

[Characteristics of the reactions of thermoreceptors located in different layers of the skin] Danilova NK. **Fiziol Zh SSSR** 1985 Mar;71(3):354-9 (Eng. Abstr.) **(Rus)**

[Dynamics of the redistribution of pigment granules in the dermal melanophores of anuran amphibians. 1. Dispersion] Nikeriasova EN, et al. **Ontogenez** 1984 Nov-Dec; 15(6):616-25 (Eng. Abstr.) **(Rus)**

[Dermatologic morbidity and skin function in miners in deep potassium mines] Ashel'rod AA, et al. **Vestn Dermatol Venerol** 1985 Jun;(6):34-8 (Eng. Abstr.) **(Rus)**

[Penetration of radioactive dust through the skin] Pejušković B. **Vojnosanit Pregl** 1985 May-Jun;42(3):186-8 (Eng. Abstr.) **(Ser)**

PHYSIOPATHOLOGY

Transepidermal water loss in dry and clinically normal skin in patients with atopic dermatitis. Werner Y, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):102-5

Harlequin color change in an infant during anesthesia [letter] Wagner DL, et al. **Anesthesiology** 1985 May;62(5):695

Transcutaneous oxygen tension as an index of maturity in hypertrophic scars treated by compression. Berry RB, et al. **Br J Plast Surg** 1985 Apr;38(2):163-73

Glucagon-evoked gastric dysrhythmias in humans shown by an improved electrogastrographic technique. Abell TL, et al. **Gastroenterology** 1985 Jun;88(6):1932-40

Dermographism: a review. Wong RC, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):643-52 (76 ref.)

Skin elasticity in localized scleroderma (morphoea). Introduction of a biaxial in vivo method for measurement of tensile distensibility, hysteresis, and resilient distension of diseased and normal skin. Serup J, et al. **J Dermatol (Tokyo)** 1985 Feb;12(1):52-62

Injury, nerve, and wound epidermis related electrophoretic and fluorographic protein patterns in forelimbs of adult newts. Garling DJ, et al. **J Exp Zool** 1984 Aug; 231(2):221-41

Adhesive interactions between normal and dystrophic human skin fibroblasts. Pizzey JA, et al. **J Neurol Sci** 1985 Jul; 69(3):207-21

Loss of surface coat by Strongyloides ratti infective larvae during skin penetration: evidence using larvae radiolabelled with 67gallium. Grove DI, et al. **J Parasitol** 1984 Oct; 70(5):689-93

Epinephrine-induced cyclic AMP production in skin fibroblasts from patients with dementia of Alzheimer type and controls. Volicer L, et al. **Neurobiol Aging** 1985 Spring; 6(1):35-8

Skin elasticity in patients with chronic venous insufficiency. Jagtman BA, et al. **Vasa** 1985;14(2):113-7

Skin elasticity in patients with primary varicose veins. Jagtman BA, et al. **Vasa** 1985;14(2):118-20

[Measurements of skin elasticity in patients with lipedema of the Moncorps 'rusticanus' type] Jagtman BA, et al. **Phlebologie** 1984 Jul-Sep;37(3):315-9 (Eng. Abstr.) **(Fre)**

[Determination of the resistance between point 1 of meridians P and C and the other active points in patients with cardiovascular diseases] Gheorghe N, et al. **Physiologie** 1984 Oct-Dec;21(4):261-4 **(Fre)**

[Ballistometric study on diabetic skin] Compagno G, et al. **G Ital Dermatol Venereol** 1984 Jan-Feb;119(1):45-8 (Eng. Abstr.) **(Ita)**

[Functional state of the vegetative nervous system and skin in patients with dermatoses during balneopeloidotherapy] Grebennikov VA, et al. **Vestn Dermatol Venerol** 1985 Mar; (3):43-7 (Eng. Abstr.) **(Rus)**

[Role of disorders in the barrier-protective function of the skin, protein metabolism and enzyme activity in workers engaged in the manufacture of thermoelements during the development of occupational dermatoses] Kordis BD, et al. **Vestn Dermatol Venerol** 1985 Mar;(3):59-62 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Orgotein as a radioprotector in normal tissues. Experiments on mouse skin and a murine adenocarcinoma. Cividalli A, et al. **Acta Radiol [Oncol]** 1985 May-Jun;24(3):273-7

Penetration of unfocused laser light into the skin. Kolari PJ. **Arch Dermatol Res** 1985;277(4):342-4

Ultraviolet radiation-induced histopathological changes in the skin of the marsupial Monodelphis domestica. I. The effects of acute and chronic exposures and of photoreactivation treatment. Applegate LA, et al. **Br J Dermatol** 1985 Aug;113(2):219-27

The erythemal response of human skin to ultraviolet radiation. Farr PM, et al. **Br J Dermatol** 1985 Jul; 113(1):65-76

How reliable are sunscreen protection factors? Farr PM, et al. **Br J Dermatol** 1985 Jan;112(1):113-8

Correlation of the dose-response relationships for epidermal colony-forming units, skin reactions, and healing, in the X-irradiated mouse tail. Hendry JH. **Br J Radiol** 1984 Oct; 57(682):909-18

Leukemia cutis treated with total skin irradiation. Rubin CM, et al. **Cancer** 1985 Jun 1;55(11):2649-52

Photoprotective role of epidermal melanin granules against ultraviolet damage and DNA repair in guinea pig skin. Ishikawa T, et al. **Cancer Res** 1984 Nov;44(11):5195-9

Acute effects of ultraviolet light B on morphology and epidermal cell kinetics in human skin transplanted to nude mice. Groem N, et al. **Exp Cell Biol** 1984;52(5):311-9

Influence of L-Tocopherol on psoralen photosensitization in mice. Barth J, et al. **G Ital Dermatol Venereol** 1984 Sep-Oct;119(5):301-3

Photoallergic reaction. Classification and pathogenesis. Horio T. **Int J Dermatol** 1984 Jul-Aug;23(6):376-82 (48 ref.)

Late occurring lesions in the skin of rats after repeated doses of X-rays. Hopewell JW. **Int J Radiat Biol** 1985 Sep; 48(3):329-35

The interaction between X-rays and 3 MeV neutrons in the skin of the mouse foot. Joiner MC, et al. **Int J Radiat Biol** 1984 Nov;46(5):625-38

Correlation of the dermal microvasculature morphology with the epidermal and the endothelial population changes produced by single X ray fractions of 1649, 2231 and 2619 rad in swine. Archambeau JO, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1639-46

Lack of correlation between epidermal basal cell survival and probability of healing of skin reactions in swine [letter] Hendry JH, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep; 11(9):1743-4

The effect of treatment in fractionated schedules with the combination of X-irradiation and six cytotoxic drugs on the RIF-1 tumor and normal mouse skin. Lelieveld P, et al. **Int J Radiat Oncol Biol Phys** 1985 Jan;11(1):111-21

Field size dependence of radiation sensitivity and dose fractionation response in skin. Shymko RM, et al. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1143-8

Low clonogenic fraction need not imply survival/healing correlation [letter] Shymko RM, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1744-5

Effects of ultraviolet radiation on human epidermal cell alloantigen presentation: initial depression of Langerhans cell-dependent function is followed by the appearance of T6- Dr+ cells that enhance epidermal alloantigen presentation. Cooper KD, et al. **J Immunol** 1985 Jan; 134(1):129-37

UV irradiation and cutaneous vitamin A: an experimental study in rabbit and human skin. Berne B, et al. **J Invest Dermatol** 1984 Dec;83(6):401-4

Effect of ultraviolet irradiation on mast cell-deficient W/Wv mice. Ikai K, et al. **J Invest Dermatol** 1985 Jul;85(1):82-4

Low-fluence CO2 laser irradiation: selective epidermal damage to human skin. Kamat BR, et al. **J Invest Dermatol** 1985 Sep;85(3):274-8

The contributions of UVA and UVB to connective tissue damage in hairless mice. Kligman LH, et al. **J Invest Dermatol** 1985 Apr;84(4):272-6

The effect of a sunscreen containing para-aminobenzoic acid on the systemic immunologic alterations induced in mice by exposure to UVB radiation. Morison WL. **J Invest Dermatol** 1984 Dec;83(6):405-8

Actinic degeneration in association with long-term use of PUVA. Stern RS, et al. **J Invest Dermatol** 1985 Feb; 84(2):135-8

Role of UVB-induced serum factor(s) in suppression of contact hypersensitivity in mice. Swartz RP. **J Invest Dermatol** 1984 Oct;83(4):305-7

Skin response to cobalt 60 irradiation and the consequences for matching the color of facial prostheses. van Oort RP, et al. **J Prosthet Dent** 1984 Nov;52(5):704-10

Studies on the photoprotective mechanism of butylated hydroxytoluene. Black HS, et al. **Photochem Photobiol** 1984 Jul;40(1):69-75

Forward scattering properties of human epidermal layers. Bruls WA, et al. **Photochem Photobiol** 1984 Aug; 40(2):231-42

Transmission of human epidermis and stratum corneum as a function of thickness in the ultraviolet and visible wavelengths. Bruls WA, et al. **Photochem Photobiol** 1984 Oct;40(4):485-94

Efficiency of repair of pyrimidine dimers and psoralen monoadducts in normal and xeroderma pigmentosum human cells. Cleaver JE, et al. **Photochem Photobiol** 1984 Nov;40(5):621-9

Acute skin response in albino mice following porphyrin photosensitization under oxic and anoxic conditions. Gomer CJ, et al. **Photochem Photobiol** 1984 Oct;40(4):435-9

Investigations on the mechanism of chlorpromazine phototoxicity: effects on lysosomes of cultured human fibroblasts. Hasei K, et al. **Photochem Photobiol** 1984 Aug; 40(2):273-6

Photorepair of pyrimidine dimers in the epidermis of the marsupial Monodelphis domestica. Ley RD. **Photochem Photobiol** 1984 Jul;40(1):141-3

Low and moderate irradiances of UVB and UVC irradiation are equally erythemogenic in human skin. Park YK, et al. **Photochem Photobiol** 1984 Nov;40(5):667-9

Skin optics and phototherapy of jaundice. Pratesi R, et al. **Photochem Photobiol** 1984 Jul;40(1):77-83

Alpha polymerase involvement in excision repair of damage induced by solar radiation at defined wavelengths in human fibroblasts. Tyrrell RM, et al. **Photochem Photobiol** 1984 Oct;40(4):449-51

Response to ultraviolet radiation: ear swelling in hairless mice. Cole C, et al. **Photodermatol** 1984 Jun;1(3):114-8

Photo-induction of lesions in a patient with pemphigus erythematosus. Deschamps P, et al. **Photodermatol** 1984 Feb;1(1):38-41

A study of the effect of chronic applications of nitrogen mustard (HN2) on acute responses of mammalian skin to UVB irradiation in vivo. Epstein JH, et al. **Photodermatol** 1984 Oct;1(5):237-40

Connective tissue alterations in skin exposed to natural and therapeutic UV-radiation. Oikarinen A, et al. **Photodermatol** 1985 Feb;2(1):15-26 (61 ref.)

Cross-reactive transplantation antigens between UV-irradiated skin and UV-induced tumors. Spellman CW, et al. **Photodermatol** 1984 Aug;1(4):164-9

Lowered ultraviolet minimal erythema dose in hemiplegia. Cox NH, et al. **Postgrad Med J** 1985 Jul;61(717):575-7

Chromosomal radiosensitivity during the G2 cell-cycle period of skin fibroblasts from individuals with familial cancer. Parshad R, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5400-3

Ultraviolet-evoked prostaglandin biosynthesis in varying stages of keratinocyte differentiation in guinea pig skin. Karmali RA, et al. **Prostaglandins Leukotrienes Med** 1984 Sep;15(3):277-86

Radiosensitivity of irradiated mouse skin to a second course of single and multifractionated irradiation. I. Early skin reaction. Masuda K, et al. **Radiat Med** 1983 Jan-Mar; 1(1):85-8

Late nonstochastic changes in pig skin after beta irradiation. Peel DM, et al. **Radiat Res** 1985 Mar;101(3):491-6

Multiple small fractions per day versus conventional fractionation. Comparison of normal tissue reactions and effect on breast carcinoma. Notter G, et al. **Radiother Oncol** 1984 Mar;1(4):299-308

A murine model of lip epidermal/mucosal reactions to X-irradiation. Parkins CS, et al. **Radiother Oncol** 1983 Nov; 1(2):159-65

Split-dose recovery in epithelial and vascular-connective tissue of pig skin. Peel DM, et al. **Radiother Oncol** 1984 Aug;2(2):151-7

Repopulation in irradiated pig skin: late versus early effects. Redpath JL, et al. **Radiother Oncol** 1985 Feb;3(2):173-6

The influence of irradiation time per treatment session on acute and late skin reactions: a study on human skin. Turesson I, et al. **Radiother Oncol** 1984 Oct;2(3):235-45

Acute reactions in rat feet exposed to multiple fractions of X-rays per day. van Rongen E, et al. **Radiother Oncol** 1984 Aug;2(2):141-50

A study of the effects of prior heat treatment on the skin reaction of mouse feet after heat alone or combined with X-rays: influence of misonidazole. Wondergem J, et al. **Radiother Oncol** 1984 Aug;2(2):159-70

Evaluation of topically applied (AET) 2-aminoethyl-iso-thiouronium for radiation protection of the skin. A preliminary study in pigs. Halpern J, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jul;49(1):47-56

Histochemical changes in the guinea pig skin after irradiation. Carbohydrates--I. Zvára J. **Sb Ved Pr Lek Fak Univ Karlovy** 1983;26(5):651-70

The effect of grenz rays on the expression of allergic contact dermatitis in man. Lindelöf B, et al. **Scand J Immunol** 1985 May;21(5):463-9

[Irradiated skin] Lavaur A, et al. **Ann Chir Plast Esthet** 1984; 29(4):319-21 (Eng. Abstr.) **(Fre)**

[Fluorescent lamps from the actinic viewpoint] Bodmann HW, et al. **Z Hautkr** 1984 Aug 15;59(16):1067-9 (Eng. Abstr.) **(Ger)**

[Effects of infrared and UVA rays on the human skin and their efficacy in the treatment of atopic dermatitis] Pullmann H, et al. **Z Hautkr** 1985 Jan;60(1-2):171-7 (Eng. Abstr.) **(Ger)**

[Surgical therapy of late x-ray-induced skin lesions] Salfeld K, et al. **Z Hautkr** 1985 Mar 1;60(5):438-52 (Eng. Abstr.) **(Ger)**

[Infrared erythema] Schulze HJ, et al. **Z Hautkr** 1985 Jun 15;60(12):938-44 (Eng. Abstr.) **(Ger)**

[Light test on human skin] Tronnier H. **Z Hautkr** 1985 Apr 15;60(8):611-2, 615-8, 621-2 passim (Eng. Abstr.) **(Ger)**

[Skin tanning and light protection-theory, agents and analytic aspects. 1. Skin tanning and skin tanning agents] Matissek R. **Z Lebensm Unters Forsch** 1984 Oct;179(4):279-87 (Eng. Abstr.) **(Ger)**

[Early skin reaction and recovery following multifractionated gamma irradiation in the preliminarily shaved mouse skin] Masuda K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Sep 25;44(9):1189-98 (Eng. Abstr.) **(Jpn)**

[Effects of fast neutrons, X-rays and mixed irradiation regimen on C3H mammary tumors and skin of ICR mice] Nishidai T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Oct 25; 44(10):1298-303 (Eng. Abstr.) **(Jpn)**

[An atypical case of Cockayne syndrome showing a decrease in cultured skin fibroblast colonies by ultraviolet irradiation] Shooji M, et al. **Rinsho Shinkeigaku** 1985 Feb; 25(2):141-6 (Eng. Abstr.) **(Jpn)**

[Measurement of the optical parameters of animal and human tissues in exposure to lasers] Polonskiĭ AK, et al. **Biol Nauki** 1984;(10):108-11 (Eng. Abstr.) **(Rus)**

[Effect of low-energy laser irradiation on normal skin and tumor tissues] Pletnev SD, et al. **Izv Akad Nauk SSSR [Biol]** 1985 Jan-Feb;(1):134-7 (Eng. Abstr.) **(Rus)**

[Skin injury after exposure to high-energy protons and helium ions] Savchenko NIa. **Kosm Biol Aviakosm Med** 1985 Jan-Feb;19(1):59-62 (Eng. Abstr.) **(Rus)**

[Radiosensitizing effect of hyperthermia on mouse skin in relation to temperature and time of irradiation] Kurpeshev OK. **Med Radiol (Mosk)** 1985 Jul;30(7):46-9 **(Rus)**

[Radiomodifying and damaging effect of local hyperthermia on mouse skin depending upon the temperature] Kurpeshev OK, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):21-5 (Eng. Abstr.) **(Rus)**

[Skin reaction in combined exposure to ionizing radiation and heating in different sequences] Kurpeshev OK. **Med Radiol (Mosk)** 1984 Dec;29(12):78-80 **(Rus)**

[Dynamics of changes in histomorphometric indices of skin following local irradiation] Kolchanova GM, et al. **Radiobiologiia** 1985 Jul-Aug;25(4):500-4 (Eng. Abstr.) **(Rus)**

[Effect of water temperature in radon baths on irradiation of the patient's body] Andreev SV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan-Feb; (1):49-51 (Eng. Abstr.) **(Rus)**

SECRETION

Toxic effects of the soluble skin secretion from the Arabian Gulf catfish (Arius thallasinus, Ruppell) on plasma and liver enzyme levels. Al-Hassan JM, et al. **Toxicon** 1985; 23(3):532-4

SURGERY

Injectable collagen: a six-year clinical investigation. Cooperman LS, et al. **Aesthetic Plast Surg** 1985;9(2):145-51

Should face-lifts be performed before the age of 40? Lewis CM. **Aesthetic Plast Surg** 1985;9(1):47-9

Correction of age- and disease-related contour deficiencies of the face. Nicolle FV. **Aesthetic Plast Surg** 1985; 9(2):159-62

A versatile procedure for the closure of small skin defects. Rosenberg L. **Aesthetic Plast Surg** 1985;9(1):23-6

Primary open wound management after emergency laparotomies for conditions associated with bacterial contamination. Reappraisal of a historical tradition. Meissner K, et al. **Am J Surg** 1984 Nov;148(5):613-7

Innovations in skin suture removal. Silloway KA, et al. **Am J Surg** 1985 Jun;149(6):799-801

Long-term cosmetic results comparing Proximate stapler with Dermalon skin closure. Nilsson T, et al. **Ann Chir Gynaecol** 1985;74(1):30-1

Comparison of argon and carbon dioxide laser treatment of decorative tattoos: a preliminary report. Apfelberg DB, et al. **Ann Plast Surg** 1985 Jan;14(1):6-15

Breast biopsy: long term follow up of three methods of skin closure. Barker P. **Ann R Coll Surg Engl** 1984 Sep; 66(5):367-8

Ultraviolet-laser ablation of skin. Lane RJ, et al. **Arch Dermatol** 1985 May;121(5):609-17

Ultraviolet-laser ablation. Parrish JA. **Arch Dermatol** 1985 May;121(5):599-600

The forehead lift. A review. Adamson PA, et al. **Arch Otolaryngol** 1985 May;111(5):325-9

Measurement of alternative blood flow in the porcine panniculus carnosus myocutaneous flap. Cummings CW, et al. **Arch Otolaryngol** 1985 Sep;111(9):598-600

Skin wound approximation with new absorbable suture material. Webster RC, et al. **Arch Otolaryngol** 1985 Aug; 111(8):517-9

Simple skin closure. Irvin TT. **Br J Hosp Med** 1985 Jun; 33(6):325-30

The noselift procedure for rhinoplasty in the older patient. Robbins TH. **Br J Plast Surg** 1985 Apr;38(2):264-6

Effect of varying freezing and thawing rates in experimental cryosurgery. Gage AA, et al. **Cryobiology** 1985 Apr; 22(2):175-82

Tissue impedance and temperature measurements in relation to necrosis in experimental cryosurgery. Gage AA, et al. **Cryobiology** 1985 Jun;22(3):282-8

Transcatheter renal artery embolization in the treatment of infected cutaneous ureterostomy. Greenstein A, et al. **Int Surg** 1985 Jan-Mar;70(1):85-6

Visualization of skin deformation during wound closure. Gill JM, et al. **J Biomed Eng** 1985 Apr;7(2):161-3

The syringe skin hook. Azab AS, et al. **J Dermatol Surg Oncol** 1985 Apr;11(4):368-9

Lasers in dermatology--1985. Bailin PL. **J Dermatol Surg Oncol** 1985 Mar;11(3):328-34

A brief analysis of the Burow's wedge/triangle principle. Gormley DE. **J Dermatol Surg Oncol** 1985 Feb;11(2):121-3

Epidermal cell outgrowth from CO2 laser- and scalpel-cut explants: implications for wound healing. Moreno RA, et al. **J Dermatol Surg Oncol** 1984 Nov;10(11):863-8

Tattoo removal. Robinson JK. **J Dermatol Surg Oncol** 1985

Jan;11(1):14-6

Tattoo removal [letter] Zimmerman MC. **J Dermatol Surg Oncol** 1984 Nov;10(11):911

The skin incision in pollicization. Malek R, et al. **J Hand Surg [Am]** 1985 Mar;10(2):305-6

Skin hook: the Brown-Burr modification of the Gillies single hook skin retractor. Luthra PK, et al. **J Hand Surg [Br]** 1985 Jun;10(2):274

Surgery for psoriasis [letter] Shuster S. **Lancet** 1985 Aug 24; 2(8452):450-1

A rational approach to the neck in cervicofacial rhytidectomy--a guide to planning skin undermining, platysma surgery, and lipectomy. McCurdy JA Jr. **Laryngoscope** 1984 Oct;94(10):1383-4

Temporalis muscle transfer: a vascular bed for autogenous dermis-fat orbital implantation. Bosniak S, et al. **Ophthalmology** 1985 Feb;92(2):292-6

Use and abuse of lasers [editorial] Goldman L. **Photodermatol** 1984 Apr;1(2):55-6

Aesthetic abdominal deformities: a personal approach to the posterior rectus sheath and rectus muscles. de Pina DP. **Plast Reconstr Surg** 1985 May;75(5):660-7

Eversion of frown lines. Hamilton JM. **Plast Reconstr Surg** 1985 Mar;75(3):426-7

Abdominoplasty in infants for removal of giant congenital nevi: a report of three cases. Marchac D, et al. **Plast Reconstr Surg** 1985 Feb;75(2):155-8

A new, fast surgical knot for skin closures. Meiss L. **Plast Reconstr Surg** 1985 Mar;75(3):428-9

A new system of dermatomes. Rosenberg L. **Plast Reconstr Surg** 1985 May;75(5):743-9

Treatment of poisonous snakebite with emphasis on digit dermotomy. Watt CH Jr. **South Med J** 1985 Jun; 78(6):694-9

The use of skin staples to secure skin towels in areas difficult to drape. Morris DM. **Surg Gynecol Obstet** 1984 Oct; 159(4):387

A less traumatic subcutaneous tunnel for permanent central venous catheters. Weber KJ, et al. **Surg Gynecol Obstet** 1985 Mar;160(3):277-8

Comparative study of leg wound skin closure in coronary artery bypass graft operations. Angelini GD, et al. **Thorax** 1984 Dec;39(12):942-5

[A proximal staple technic compared with conventional suturing for skin closure. Late cosmetic results] Håkansson T, et al. **Ugeskr Laeger** 1984 Dec 10;146(50):3913-4 (Eng. Abstr.) **(Dan)**

[A new technic of cutaneous suture. The SAFE technic (Suture, Assisted by adhesive Film, for Esthetic results)] Soussaline M, et al. **J Chir (Paris)** 1985 Apr;122(4):273-6 (Eng. Abstr.) **(Fre)**

[Use of absorbable suture material in dermatologic surgery] Breuninger H, et al. **Z Hautkr** 1985 Mar 1;60(5):453-7 (Eng. Abstr.) **(Ger)**

[Clinico-morphologic basis for using carbon dioxide lasers in dermoplasty] Skobelkin OK, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):67-72 (Eng. Abstr.) **(Rus)**

[Use of lagochilus tincture in dermoplasty] Rasulov KhKh, et al. **Ortop Travmatol Protez** 1984 Sep;(9):43-4 **(Rus)**

TRANSPLANTATION

Experimental study on preserved rabbit omentum allografts with skin autograft for repair of certain ischemic wound surfaces. Hu CG, et al. **Acta Acad Med Wuhan** 1985; 5(1):44-7

'Nipple' ureterocutaneostomy. Jilling A, et al. **Acta Chir Hung** 1985;26(3):151-6

The history of free skin transplant operations. Hauben DJ. **Acta Chir Plast** 1985;27(2):66-70

Scar deformities of the mammary glands--surgical treatment. Pakhomov SM, et al. **Acta Chir Plast (Prague)** 1984; 26(3):150-7

Species identification of epidermal cells in the human skin/nude mouse model with lectins. Graem N, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Sep; 92(5):317-22

Use of autogenous split-thickness dermal graft for reconstruction of the lining of the exenterated orbit. Mauriello JA Jr, et al. **Am J Ophthalmol** 1985 Sep 15; 100(3):465-7

Absorption of lignocaine through split-skin donor sites. Bulmer JN, et al. **Anaesthesia** 1985 Aug;40(8):808-9

The use of full-thickness skin grafts in the reconstruction of the male urethra. Benatar D, et al. **Ann Plast Surg** 1984 Nov;13(5):431-5

Silver-impregnated porcine xenografts for treatment of meshed autografts. Ersek RA, et al. **Ann Plast Surg** 1984 Dec;13(6):482-7

Inhibition of wound contraction: comparison of full-thickness skin grafts, Biobrane, and aspartate membranes. Frank DH, et al. **Ann Plast Surg** 1985 Feb;14(2):103-10

The salutary effects of the bed on the survival of experimental flaps. Kaufman T, et al. **Ann Plast Surg** 1985 Jan; 14(1):64-73

Experimental electrical burns: low voltage. Laberge LC, et al. **Ann Plast Surg** 1984 Sep;13(3):185-90

Silastic foam dressing: an appraisal. Groves AR, et al. **Ann R Coll Surg Engl** 1985 Mar;67(2):116-8

Richner-Hanhart syndrome spares a plantar autograft. Crovato F, et al. **Arch Dermatol** 1985 Apr;121(4):539-40

A case of herpes zoster involving a skin graft [letter] Ramos-Caro FA, et al. **Arch Dermatol** 1985 May; 121(5):588-9

The effect of penicillin on skin graft survival in mice. Gończowski L, et al. **Arch Immunol Ther Exp (Warsz)** 1984; 32(3):351-6

Intranasal composite grafts for dorsal support. Conley J. **Arch Otolaryngol** 1985 Apr;111(4):241-3

Extension of the musculocutaneous flap by surgical delay. Haughey BH, et al. **Arch Otolaryngol** 1985 Apr; 111(4):234-40

Toxic shock syndrome after skin grafting [letter] Schmid RE, et al. **Arch Surg** 1985 Feb;120(2):243

Comparison of Biobrane and Scarlet Red dressings for treatment of donor site wounds. Zapata-Sirvent R, et al. **Arch Surg** 1985 Jun;120(6):743-5

Wound healing of human skin transplanted on to the nude mouse. Demarchez M, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:177-82

Immediate excision and skin graft of a friction burn in a replanted thumb with a note on its usefulness and indications. Emerson DJ, et al. **Br J Plast Surg** 1984 Oct; 37(4):624-5

The treatment of leukoderma after burns by a combination of dermabrasion and 'chip' skin grafting. Harashina T, et al. **Br J Plast Surg** 1985 Jul;38(3):301-5

The possible applications of a composite skin and subcutaneous vein graft in the replantation of amputated digits. Honda T, et al. **Br J Plast Surg** 1984 Oct; 37(4):607-12

Delayed exposed skin grafting: a 10 year experience of the technique. James MI, et al. **Br J Plast Surg** 1985 Jan; 38(1):124-8

Penetrating Marjolin's ulcer of scalp involving bone and dura mater treated by wide excision and direct application of a split-skin graft on the brain: a 10-year follow-up. Maillard GF, et al. **Br J Plast Surg** 1984 Oct;37(4):463-7

A pig model for investigation of muscle and myocutaneous flaps. Millican PG, et al. **Br J Plast Surg** 1985 Jul; 38(3):364-8

Peripheral neovascularisation of muscle and musculocutaneous flaps. Millican PG, et al. **Br J Plast Surg** 1985 Jul;38(3):369-74

A modified tie-over dressing for skin grafts. Niranjan NS. **Br J Plast Surg** 1985 Jul;38(3):415-8

Skin cover. Davies DM. **Br Med J [Clin Res]** 1985 Mar 9; 290(6470):765-8

Dermofasciectomy for Dupuytren's disease. Hueston JT. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):224-32

Grafting with epidermal Langerhans cell depressed cadaver split skin. Alsbjörn BF, et al. **Burns Incl Therm Inj** 1985 Apr;11(4):259-63

Application of fibrin glue to burns. Its haemostatic and skin transplant fixation effects in the excised wound. Ihara N, et al. **Burns Incl Therm Inj** 1984 Aug;10(6):396-404

Amnion overlay meshed skin autograft. Lin SD, et al. **Burns Incl Therm Inj** 1985 Jun;11(5):374-8

Variables determining the amount of microbial contamination on cadaveric allograft skin used as a biological wound dressing. May SR, et al. **Burns Incl Therm Inj** 1985 Apr; 11(4):242-51

Results of early excision and grafting in hand burns. Pegg SP, et al. **Burns Incl Therm Inj** 1984 Dec;11(2):99-103

Thermal-crush injuries of the hands and forearms: an analysis of 60 cases. Wang XW, et al. **Burns Incl Therm Inj** 1985 Apr;11(4):264-8

Management of chronic perineal sinuses by wide excision and split-thickness skin grafting. McLeod RS, et al. **Can J Surg** 1985 Jul;28(4):315-6, 318

Fasciocutaneous flaps in intraoral reconstruction. McGregor IA. **Clin Plast Surg** 1985 Jul;12(3):453-61

Reconstructive surgery of deep burns of the lips. Maillard GF, et al. **Clin Plast Surg** 1984 Oct;11(4):655-68

The distribution of marked dermal cells from small localized implants in limb regenerates. Rollman-Dinsmore C, et al. **Dev Biol** 1984 Dec;106(2):275-81

Mesh-graft urethroplasty: our experience with a new procedure. Schreiter F. **Eur Urol** 1984;10(5):338-44

Prolonged or permanent survival of skin allografts induced by monoclonal antibodies against lymphocyte subpopulations. Holáň V, et al. **Folia Biol (Praha)** 1985; 31(1):50-8

The subpopulations of lymph node cells from allograft-sensitized AKR mice. Sundaresan P, et al. **Folia Biol (Praha)** 1984;30(5):317-28

Effect of B-G region of the MHC on skin graft survival in chickens treated by injections of whole blood. Vilhelmová M. **Folia Biol (Praha)** 1984;30(5):358-62

Cutaneous versus myocutaneous flaps in the repair of major defects in head and neck cancer: a study of 331 flaps. Faucher A, et al. **Head Neck Surg** 1984 Dec;7(2):104-9

The trapezius musculocutaneous flap in head and neck reconstruction: potential pitfalls. Nichter LS, et al. **Head Neck Surg** 1984 Dec;7(2):129-34

Studies of alloantibody effect on skin graft survival in mice. Dohi K, et al. **Hiroshima J Med Sci** 1984 Jun;33(2):271-4

Treatment with anti-Ia and antiblast/monocyte monoclonal antibodies can prolong skin allograft survival in nonhuman primates. Chatterjee S, et al. **Hybridoma** 1982;1(4):369-77

Antigen nonspecific rejection of allogeneic skin implants in the anterior chamber of sensitized rats. Grogan JB. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):501-10

Augmentation of suppression in cyclophosphamide-treated rats bearing allogeneic skin implants in the anterior chamber of the eye. Grogan JB, et al. **Invest Ophthalmol Vis Sci** 1985 Sep;26(9):1230-5

Repigmentation of segmental vitiligo by autologous minigrafting [letter] Behl PN. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):118-9

Development of a nude mouse model to study human sebaceous gland physiology and pathophysiology. Petersen MJ, et al. **J Clin Invest** 1984 Oct;74(4):1358-65

Repigmentation of leukoderma [letter] Behl PN. **J Dermatol Surg Oncol** 1984 Sep;10(9):669-70

Gene expression at the pink-eyed dilution (p) locus in the mouse is confirmed to be pigment cell autonomous using recombinant embryonic skin grafts. Stephenson DA, et al. **J Embryol Exp Morphol** 1985 Jun;87:65-73

In vivo and in vitro characterization of specific hyporeactivity to skin xenografts in mixed xenogeneically reconstituted mice (B10 + F344 rat----B10). Ildstad ST, et al. **J Exp Med** 1984 Dec 1;160(6):1820-35

Fingertip reconstruction with a palmar advancement flap and free dermal graft: a report of six cases. Arons MS. **J Hand Surg [Am]** 1985 Mar;10(2):230-2

Nail bed avulsions treated with porcine xenografts. Ersek RA, et al. **J Hand Surg [Am]** 1985 Jan;10(1):152-3

More about hypothenar skin grafts for fingertip reconstruction [letter] Jabaley ME. **J Hand Surg [Am]** 1985 Jul;10(4):588-9

To graft or not to graft--the fingertip [letter] Louis DS. **J Hand Surg [Am]** 1985 May;10(3):439-41

Hypothenar skin grafts for fingertip reconstruction. Schenck RR, et al. **J Hand Surg [Am]** 1984 Sep;9(5):750-3

Vibrio hand infections: a case report and review of the literature. Zielinski CJ, et al. **J Hand Surg [Am]** 1984 Sep; 9(5):754-7

The use of thick split thickness grafts from the instep in paediatric hand surgery. Ward C, et al. **J Hand Surg [Br]** 1985 Jun;10(2):185-9

Allograft rejection-defined antigens of the B2m,H-3 region. Graff RJ, et al. **J Immunol** 1985 Oct;135(4):2842-6

Regulation of transplantation immunity in vivo by monoclonal antibodies recognizing host class II restriction elements. I. Genetics and specificity of anti-Ia immunotherapy in murine skin allograft recipients. Perry LL, et al. **J Immunol** 1985 May;134(5):2935-41

Regulation of transplantation immunity in vivo by monoclonal antibodies recognizing host class II restriction elements. II. Effects of anti-Ia immunotherapy on host T cell responses to graft alloantigens. Williams IR, et al. **J Immunol** 1985 May;134(5):2942-7

The effect of TP-5 and its analogs on skin grafts in mice. Szende B, et al. **J Immunopharmacol** 1985;7(1):67-78

Influence of ultraviolet radiation treatment on the survival of heterotopic skin grafts in the mouse. Claas FH, et al. **J Invest Dermatol** 1985 Jan;84(1):31-2

Skin grafting of the anterior stomach wall following pharyngo-gastric anastomosis. Howard DJ, et al. **J Laryngol Otol** 1985 Mar;99(3):273-6

Use of the electrosurgical knife and topical thrombin for hemostasis in split-thickness skin graft vestibuloplasty. Forman D, et al. **J Oral Maxillofac Surg** 1984 Nov; 42(11):751-2

The sternocleidomastoid muscle as a muscular or myocutaneous flap for oral and facial reconstruction. Marx RE, et al. **J Oral Maxillofac Surg** 1985 Mar;43(3):155-62

Treatment of cutaneous vulvar lesions with skinning vulvectomy. Rettenmaier MA, et al. **J Reprod Med** 1985 Jun;30(6):478-80

Cyclosporine abrogation of second-set rejection: dependence upon major histocompatibility complex disparity. Schulak JA, et al. **J Surg Res** 1985 Apr;38(4):400-6

Cell-mediated immunity in rats bearing allogeneic skin in the anterior chamber of the eye. I. Response to mitogens. Subba Rao DS, et al. **J Surg Res** 1985 Feb;38(2):116-24

Prospective study of the effect of the recipient bed on skin graft survival after thermal injury. Deitch EA. **J Trauma** 1985 Feb;25(2):118-21

Effect of early burn excision and grafting on pulmonary function. Demling RH. **J Trauma** 1984 Sep;24(9):830-4

Composite skin graft: frozen dermal allografts support the engraftment and expansion of autologous epidermis. Heck EL, et al. **J Trauma** 1985 Feb;25(2):106-12

Skin grafting. Steinmuller D. **Methods Enzymol** 1984; 108:20-8

Fate of engrafted skin in thymic chimeras. Furukawa F, et al. **Microbiol Immunol** 1984;28(9):1071-6

Effects of irradiation on grafted skin--vascular changes after irradiation. Sumi Y, et al. **Nagoya J Med Sci** 1985 Jan; 47(1-2):17-22

Intraepithelial neoplasia of the neovagina. Lathrop JC, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):91S-94S

Pathology of an orbital dermis-fat graft. Wojno T, et al. **Ophthalmic Surg** 1985 Apr;16(4):250-3

Delayed neovascularization in free skin flap transfer to irradiated beds in rats. Clarke HM, et al. **Plast Reconstr Surg** 1985 Apr;75(4):560-4

Deep inferior epigastric free flap for breast reconstruction after radical mastectomy. Friedman RJ, et al. **Plast Reconstr Surg** 1985 Sep;76(3):455-60

Glued fixation of split-skin graft to the bony orbit following exenteration. Härting F, et al. **Plast Reconstr Surg** 1985 Oct;76(4):633-5

Enhancement of tissue expansion by anticontractile agents. Lee P, et al. **Plast Reconstr Surg** 1985 Oct;76(4):604-10

The use of a buried wire frame to reduce contracture of grafts. Planas J. **Plast Reconstr Surg** 1984 Dec; 74(6):798–808

Quantifying skin–flap survival [letter] Salomon JC. **Plast Reconstr Surg** 1984 Nov;74(5):729–30

Basal cell carcinoma in a skin graft recipient site. Cox NH. **Practitioner** 1984 Nov;228(1397):997–8

Functional capacity of solid tissue transplants in the brain: evidence for immunological privilege. Head JR, et al. **Proc R Soc Lond [Biol]** 1985 May 22;224(1236):375–87

The living skin–equivalent as a structural and immunological model in skin grafting. Bell E, et al. **Scan Electron Microsc** 1984;(Pt 4):1957–62

The influence of haematoporphyrin derivative and visible light on murine skin graft survival, epidermal Langerhans cells and stimulation of the allogeneic mixed leucocyte reaction. Gruner S, et al. **Scand J Immunol** 1985 Mar; 21(3):267–73

Congenital absence of the vagina. A clinical, histological and histochemical study on 17 patients with graft–constructed vaginas. Holmström H, et al. **Scand J Plast Reconstr Surg** 1976;10(3):231–6

Increased survival of experimental skin flaps in rats following treatment with antiadrenergic drugs. Jurell G, et al. **Scand J Plast Reconstr Surg** 1976;10(3):169–72

The use of collagen film (Cutycol) as a dressing for donor areas in split skin grafting. Pontén B, et al. **Scand J Plast Reconstr Surg** 1976;10(3):237–40

Skin grafts for circumferential coverage of perianal wounds. Seckel BR, et al. **Surg Clin North Am** 1985 Apr; 65(2):365–71

An improved technique for skin graft placement using a suction drain. Johnson FE. **Surg Gynecol Obstet** 1984 Dec; 159(6):584–5

Sequential use of antithymocyte globulin and cyclosporine augments skin allograft survival. Thomas J, et al. **Transplant Proc** 1984 Dec;16(6):1522–4

Influence of major–histocompatibility–complex–compatible and incompatible Langerhans cells on the survival of H–Y–incompatible skin grafts in rats. Chen HD, et al. **Transplantation** 1985 Aug;40(2):194–7

Pretransplant transfusion and cyclosporine–induced enhancement of rabbit skin allografts: donor–specific versus third–party blood [letter] Dieperink H. **Transplantation** 1985 Jun;39(6):688

Prolonged survival of donor skin grafts on mice bearing established islet of Langerhans transplants. Faustman DL, et al. **Transplantation** 1985 Aug;40(2):216–8

Immunogenetic aspects of transplantation in the rat brain. Geyer SJ, et al. **Transplantation** 1985 Mar;39(3):244–7

Modulation of the antigraft response by preimmunization. Lack of correlation between regulatory events and graft survival. Kloke O, et al. **Transplantation** 1984 Nov; 38(5):526–31

Tolerance to donor–type skin in the recipient of a bone marrow allograft. Treatment of skin ulcers in chronic graft–versus–host disease with skin grafts from the bone marrow donor. Knobler HY, et al. **Transplantation** 1985 Aug;40(2):223–5

In vitro correlates of in vivo skin graft rejection in Xenopus. Lallone RL, et al. **Transplantation** 1985 Feb;39(2):223–6

Suppression of antibody response and prolongation of skin graft survival by multiple blood transfusions in the rat. Lenhard V, et al. **Transplantation** 1985 Apr;39(4):424–9

Drug–induced tolerance to allografts in mice. V. Prolongation of skin graft survival in tolerant mice with combined immunosuppressive treatments. Mayumi H, et al. **Transplantation** 1985 Mar;39(3):335–7

Sublethal fractionated total–body irradiation and donor bone marrow infusion for induction of allograft tolerance. Pierce GE, et al. **Transplantation** 1985 Mar;39(3):236–41

Complete suppression of skin allograft rejection in rats treated with continuous infusion of 2'deoxycoformycin. Ruers TJ, et al. **Transplantation** 1985 Aug;40(2):137–42

The effect of class I and class II alloantigens on skin allograft acceptance by lethally irradiated rats repopulated with syngeneic bone marrow. Schwadron RB, et al. **Transplantation** 1985 May;39(5):558–60

Drug–induced tolerance to allografts in mice. III. Prolongation of skin graft survival by tolerance induction in congenic mice disparate in the major H–2 antigens. Shin T, et al. **Transplantation** 1985 Mar;39(3):333–5

Immunosuppression following excision of burn eschar and syngeneic grafting in major thermal trauma. Jacobson BK, et al. **Yale J Biol Med** 1984 Sep–Oct;57(5):797–808

[Postoperative care of patients receiving free skin grafts in the oral region] Lu CY. **Chung Hua Hu Li Tsa Chih** 1985 Apr;20(2):89–90 **(Chi)**

[Fetal skin used in vaginoplasty: (report of 11 cases)] Dong Y, et al. **Chung Hua I Hsueh Tsa Chih** 1985 Feb;65(2):117–8 **(Chi)**

[Treatment of full–thickness burns with autologous epidermal cell grafting] Gao ZR. **Chung Hua I Hsueh Tsa Chih** 1985 May;65(5):278–80 (Eng. Abstr.) **(Chi)**

[Reconstruction of the vagina by using the labia minora supplemented by partial skin grafting] Huang WY. **Chung Hua I Hsueh Tsa Chih** 1984 Aug;64(8):474–7 (Eng. Abstr.) **(Chi)**

[Early resection and paring of crust and skin grafts in deep burns of the maxillofacial region] Zhao YS. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Mar;19(1):37–8 **(Chi)**

[Experimental study and clinical observations on glutaraldehyde–treated skin grafts] Wu XQ. **Chung Hua Wai Ko Tsa Chih** 1984 Aug;22(8):461–3, 509 (Eng. Abstr.) **(Chi)**

[Skin transplantation of the eye, nose, forehead and cheek area] Fu MJ. **Chung Hua Yen Ko Tsa Chih** 1984 Nov; 20(6):377–8 **(Chi)**

[Treatment of an extensive skin tumor using cryodestruction followed by autotransplantation] Faltýn J, et al. **Rozhl Chir** 1985 Feb;64(2):123–6 (Eng. Abstr.) **(Cze)**

[Surgical treatment of decubitus] Bloem JJ. **Ned Tijdschr Geneeskd** 1984 Aug 4;128(31):1468–70 **(Dut)**

[Ischiatic pressure sores: reconstruction of the gluteal fold] Kauer C. **Ann Chir Plast Esthet** 1985;30(2):171–4 (Eng. Abstr.) **(Fre)**

[Treatment of cutaneous avulsion of the limbs. Apropos of 21 cases] Leviet D, et al. **Ann Chir Plast Esthet** 1985; 30(2):161–5 (Eng. Abstr.) **(Fre)**

[Helicoidal skin graft for reconstruction of the shaft of penis] Rousson B. **Ann Chir Plast Esthet** 1985;30(2):158–60 (Eng. Abstr.) **(Fre)**

[Surgical treatment of Hailey–Hailey disease with surgical grafts] Guérin–Surville H, et al. **Ann Dermatol Venereol** 1984;111(8):699–700 **(Fre)**

[The surgical treatment of large eventrations using skin homografts preserved in cialit] Schneider S. **Ann Gastroenterol Hepatol (Paris)** 1984 Jul–Sep;20(4):191–4 (Eng. Abstr.) **(Fre)**

[Secondary reconstruction of the buccal floor by total skin graft after noninterruptive pelvimandibulectomy] Mamelle G, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(5):317–9 (Eng. Abstr.) **(Fre)**

[Total circular pharyngolaryngectomy. A method of reconstruction with a free forearm skin flap] Pech A, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(7):535–40 (Eng. Abstr.) **(Fre)**

[Skin grafts in equine and canine veterinary clinical practice] Bordet R. **Chirurgie** 1984;110(4):391–4 (Eng. Abstr.) **(Fre)**

[Clinical experiences with a new gel–like wound dressing after skin transplantation] Knapp U, et al. **Aktuel Traumatol** 1984 Dec;14(6):275–81 (Eng. Abstr.) **(Ger)**

[Primary closure of split thickness skin donor sites using surgical foil] Erbs G. **Handchir Mikrochir Plast Chir** 1985 Mar;17(2):67–8 (Eng. Abstr.) **(Ger)**

[Mixed homologous/autologous transplantation of native full–thickness skin following 3d degree burns in animal experiments] Bäumer F, et al. **Unfallchirurg** 1985 Aug; 88(8):381–3 (Eng. Abstr.) **(Ger)**

[Scapular free graft] Gulyás G, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1984; 27(4):279–82 (Eng. Abstr.) **(Hun)**

[Musculo–cutaneous free graft, using the latissimus dorsi muscle, in substitution of soft tissue and for improvement of blood circulation in the forearm] Simonka JA, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1985; 28(3):211–5 (Eng. Abstr.) **(Hun)**

[Effect promoting the rejection of an allograft of skin in rabbits treated with a high dose of amethopterin] Lanza V, et al. **Chir Ital** 1983 Aug;35(4):514–8 (Eng. Abstr.) **(Ita)**

[Effect promoting the rejection of an allograft of skin in rabbits treated with a high dose of 6–mercaptopurine] Losacco T, et al. **Chir Ital** 1983 Aug;35(4):610–4 (Eng. Abstr.) **(Ita)**

[Microvascularized free–flaps] Ortensi A, et al. **Minerva Chir** 1984 Aug 15–31;39(15–16):1121–30 (Eng. Abstr.) **(Ita)**

[Free cutaneous and musculo–cutaneous flaps in the treatment of open fractures of crural bones and points of resistance] Kobus K, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(3):239–44 (Eng. Abstr.) **(Pol)**

[Pathology of the artificial esophagus made of skin] Sapozhnikova MA, et al. **Arkh Patol** 1985;47(2):29–35 (Eng. Abstr.) **(Rus)**

[A device for obtaining latticed skin transplants] Kuzin MI, et al. **Khirurgiia (Mosk)** 1985 May;(5):124–6 **(Rus)**

[Latticed grafts in the treatment of burns in children] Vozdvizhenskiĭ SI, et al. **Khirurgiia (Mosk)** 1985 Feb; (2):124–8 **(Rus)**

[Surgical treatment of ventral hernias with plastic repair of the aponeurosis using split autotransplants] Iagovkin VF, et al. **Klin Khir** 1985 Feb;(2):37–8 (Eng. Abstr.) **(Rus)**

[Cellular and humoral immunity indices of burn patients following autodermoplasty] Vikhriev BS, et al. **Klin Khir** 1985 Mar;(3):15–7 (Eng. Abstr.) **(Rus)**

[Free transplantation of tissue complexes with microanastomosis of blood vessels and nerves as a new method for plastic surgery of the limbs] Tkachenko SS, et al. **Ortop Travmatol Protez** 1984 Dec;(12):1–5 (Eng. Abstr.) **(Rus)**

[Tactics in non–free dermatoplasty in the treatment of hand wounds] Iashina TN. **Sov Med** 1984;(10):106–9 **(Rus)**

[Dermatoplasty after reconstruction of the urethra in hypospadias] Murvanidze DD, et al. **Urol Nefrol (Mosk)** 1985 May–Jun;(3):53–5 **(Rus)**

[A method of reconstructing the Filatov pedicle] Dmitriev GI. **Vestn Khir** 1985 Feb;134(2):109–10 (Eng. Abstr.) **(Rus)**

[Autodermoplasty in the treatment of trophic ulcers of the lower extremities] Lipnitskiĭ EM, et al. **Vestn Khir** 1985 Jan;134(1):115–8 (Eng. Abstr.) **(Rus)**

[Immunological prognosis of the early lysis of dermatoautografts in burn patients] Vikhriev BS, et al. **Vestn Khir** 1984 Dec;133(12):48–50 (Eng. Abstr.) **(Rus)**

[Pathogenesis and treatment of late lysis of autodermotransplants in burns] Vikhriev BS, et al. **Vestn Khir** 1985 May;134(5):110–4 (Eng. Abstr.) **(Rus)**

[Single–stage auto– and allodermoplasty in extensive deep burns in children] Zakharov SV, et al. **Vestn Khir** 1984 Sep;133(9):107–9 **(Rus)**

[The tumbler flap] Miljković I. **Chir Maxillofac Plast** 1984; 14(2–3):127–31 (Eng. Abstr.) **(Scr)**

[Correction of posttraumatic loss of soft tissue in the area of the calf and foot] Mariš F, et al. **Bratisl Lek Listy** 1984 Nov;82(5):1310–6 (Eng. Abstr.) **(Slo)**

[Superficial cryoanalgesia using ethyl chloride for the obtaining of cutaneous autografts (letter)] López Burbano LF, et al. **Rev Esp Anestesiol Reanim** 1984 Sep–Oct; 31(5):211–2 **(Spa)**

ULTRASTRUCTURE

Eosinophilic granuloma associated with a 16q22 chromosomal defect of cutaneous T lymphocytes. Bisballe S, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):548–51

The ultrastructural morphology of human cutaneous leishmaniasis of low parasite load. el Hassan AM, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):501–5

Histologic and ultrastructural features of the ichthyotic skin in X–linked dominant chondrodysplasia punctata. Kolde G, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):389–94

Functional and morphological analysis of the horny layer of pityriasis alba. Urano–Suehisa S, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):164–7

Ultrastructure of the integument of the domestic pig (Sus scrofa) from one through fourteen weeks of age. Monteiro–Riviere NA, et al. **Anat Histol Embryol** 1985 Jun; 14(2):97–115

Variation in basement membrane topography in human thick skin. Kawabe TT, et al. **Anat Rec** 1985 Feb;211(2):142–8

Behavior of melanocytes in reticulate acropigmentation of Kitamura. Mizoguchi M, et al. **Arch Dermatol** 1985 May; 121(5):659–61

Papular xanthoma. A clinical, histologic, and ultrastructural study. Sanchez RL, et al. **Arch Dermatol** 1985 May; 121(5):626–31

Pachyonychia congenita. Electron microscopic and epidermal glycoprotein assessment before and during isotretinoin treatment. Thomas DR, et al. **Arch Dermatol** 1984 Nov;120(11):1475–9

The anatomy and pathogenesis of wrinkles. Kligman AM, et al. **Br J Dermatol** 1985 Jul;113(1):37–42

Neurofibromatous dermal hypoplasia: a clinical, pharmacological and ultrastructural study. Norris JF, et al. **Br J Dermatol** 1985 Apr;112(4):435–41

Lethal epidermolytic epidermolysis bullosa: a new autosomal recessive type of epidermolysis bullosa. Salih MA, et al. **Br J Dermatol** 1985 Aug;113(2):135–43

Evidence for a functional defect of the lamina lucida in recessive dystrophic epidermolysis bullosa demonstrated by suction blisters. Tidman MJ, et al. **Br J Dermatol** 1984 Oct;111(4):379–87

Relapsing linear acantholytic dermatosis. Vakilzadeh F, et al. **Br J Dermatol** 1985 Mar;112(3):349–55

Ichthyosis linearis circumflexa: morphological and biochemical studies. Yoshiike T, et al. **Br J Dermatol** 1985 Mar;112(3):277–83

Anatomy of striae. Zheng P, et al. **Br J Dermatol** 1985 Feb; 112(2):185–93

Intramembranous response to cAMP in fetal epidermis. Riddle CV. **Cell Tissue Res** 1985;241(3):687–9

Microvascular changes in progressive systemic sclerosis: immunohistochemical and ultrastructural study. Trotta F, et al. **Clin Exp Rheumatol** 1984 Jul–Sep;2(3):209–15

Identification of plectin in different human cell types and immunolocalization at epithelial basal cell surface membranes. Wiche G, et al. **Exp Cell Res** 1984 Nov; 155(1):43–9

Rapid in vivo quantification and comparison of hydroperoxides and oxidized collagen in aging mice, rabbits and man. Lippman RD. **Exp Gerontol** 1985;20(1):1–5

Ultrastructural development of the Herbst corpuscles in the skin of the beak of the domestic duck (Anas platyrhynchos, f. domestica). Malinovský L, et al. **Folia Morphol (Praha)** 1985;33(2):150–5

Partial (localized) lipodystrophy. Report of a case with muscle and skin abnormalities. Afifi AK, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):198–203

The epidermal basement membrane zone––structure, ontogeny, and role in disease. Katz SI. **J Am Acad Dermatol** 1984 Dec;11(6):1025–37

Dermal Merkel cells in the nevus of Ota and leopard syndrome. Ono T, et al. **J Am Acad Dermatol** 1984 Aug; 11(2 Pt 1):245–9

Prurigo pigmentosa. Case report with an electron microscopic observation. Shimizu H, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):165–9

Morphometric studies of the epidermal–dermal junction in the rat ear: some effects of experimental friction on epidermis and anchoring fibrils. Banks WJ, et al. **J Anat** 1984 Oct;139 (Pt 3):425–35

Calcium-induced reorganization of desmosomal components in cultured human keratinocytes. Watt FM, et al. **J Cell Biol** 1984 Dec;99(6):2211-5

Anchoring filaments of the amphibian epidermal-dermal junction traverse the basal lamina entirely from the plasma membrane of hemidesmosomes to the dermis. Ellison J, et al. **J Cell Sci** 1984 Dec;72:163-72

Abstracts of papers presented at the 11th annual meeting of the Society for Cutaneous Ultrastructure Research. Helsinki, Finland, 17th to 20th June 1984. **J Cutan Pathol** 1984 Jun;11(3):185-234

Neuroendocrine differentiation in basal cell carcinomas: a retrospective immunohistochemical and ultrastructural study. Visser R, et al. **J Cutan Pathol** 1985 Apr;12(2):117-24

A peculiar corporal pigmentation--a presumed variant of acropigmentatio reticularis (Kitamura). Fujita H, et al. **J Dermatol (Tokyo)** 1984 Jun;11(3):287-94

Electron microscopic observation of dyskeratotic cells in acquired zinc deficiency. Hanada K, et al. **J Dermatol (Tokyo)** 1984 Aug;11(4):322-7

Structural abnormalities in the mitis form (type-II) of Ehlers-Danlos syndrome. Masutani M, et al. **J Dermatol (Tokyo)** 1984 Oct;11(5):433-7

The ultrastructure of the electric burn in man: a transmission electron microscopy-scanning electron microscopy study. Torre C, et al. **J Forensic Sci** 1985 Apr;30(2):448-55

Peroxisomes in fibroblasts from skin of Refsum's disease patients. Beard ME, et al. **J Histochem Cytochem** 1985 May;33(5):480-4

A recommended procedure for ultrastructural immunohistochemistry on small human tissue samples. De Vos R, et al. **J Histochem Cytochem** 1985 Sep;33(9):959-64

A morphologic study of a mild form of ovine dermatosparaxis. Bavinton JH, et al. **J Invest Dermatol** 1985 May;84(5):391-5

Dermal and epidermal involvement in the evolution of acute eruptive guttate psoriasis vulgaris. Brody I. **J Invest Dermatol** 1984 May;82(5):465-70

Cytoplasmic vitamin A binding proteins in chick embryo dermis and epidermis. Gates RE, et al. **J Invest Dermatol** 1985 Sep;85(3):279-83

Differences in human skin between the epidermal growth factor receptor distribution detected by EGF binding and monoclonal antibody recognition. Green MR, et al. **J Invest Dermatol** 1985 Sep;85(3):239-45

Detection and developmental changes of the 1,25-(OH)2-D3 receptor concentration in mouse skin and intestine. Horiuchi N, et al. **J Invest Dermatol** 1985 Jun;84(6):461-4

Ultrastructural demonstration of anionic sites in basement membrane zone by cationic probes. Manabe M, et al. **J Invest Dermatol** 1985 Jan;84(1):19-21

Ultrastructural changes in human skin after exposure to a pulsed laser. Nakagawa H, et al. **J Invest Dermatol** 1985 May;84(5):396-400

High-yield purification of plasma membranes from transformed human keratinocytes in culture. Schmidt R, et al. **J Invest Dermatol** 1985 Jul;85(1):50-3

Experimentally induced pemphigus vulgaris in neonatal BALB/c mice: a time-course study of clinical, immunologic, ultrastructural, and cytochemical changes. Takahashi Y, et al. **J Invest Dermatol** 1985 Jan;84(1):41-6

Evaluation of anchoring fibrils and other components of the dermal-epidermal junction in dystrophic epidermolysis bullosa by a quantitative ultrastructural technique. Tidman MJ, et al. **J Invest Dermatol** 1985 May;84(5):374-7

Ultrastructural morphometry of normal human dermal-epidermal junction. The influence of age, sex, and body region on laminar and nonlaminar components. Tidman MJ, et al. **J Invest Dermatol** 1984 Dec;83(6):448-53

Three-dimensional architecture of altered dermal elastic fibers in pseudoxanthoma elasticum: scanning electron microscopic studies. Tsuji T. **J Invest Dermatol** 1984 May;82(5):518-21

Ultrastructural localization of keratin proteins in human skin using low-temperature embedding and the protein A-gold technique. Warhol MJ, et al. **J Invest Dermatol** 1985 Jan;84(1):69-72

Specific attachment of morphologically-distinct intermediate filaments to desmosomes and hemidesmosomes in the epidermis of the tadpole of the anuran, Pseudis paradoxus. Junqueira LC, et al. **J Submicrosc Cytol** 1984 Oct;16(4):643-8

Ultrastructural study on the stapes and skin in a case of type I Osteogenesis Imperfecta. Vitellaro-Zuccarello L, et al. **J Submicrosc Cytol** 1984 Oct;16(4):779-86

Classification of human epithelia and their neoplasms using monoclonal antibodies to keratins: strategies, applications, and limitations. Cooper D, et al. **Lab Invest** 1985 Mar;52(3):243-56 (152 ref.)

Electron microscopy on mucosal and cutaneous lesions in contagious papular dermatitis of Japanese Serow (Capricornis crispus). Okada HM, et al. **Nippon Juigaku Zasshi** 1984 Jun;46(3):297-302

Synchrotron radiation x-ray scattering in the early stages of in vitro collagen fibril formation. Suarez G, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4693-6

Fine structure and histochemistry of club cells in the skin of three species of eel. Whitear M, et al. **Z Mikrosk Anat Forsch** 1984;98(4):481-501

[Ultrastructural histopathology of scleroderma] Kobayasi T, et al. **Ugeskr Laeger** 1984 May 28;146(22):1617-9 (Eng. Abstr.) **(Dan)**

[The multiple lentigines syndrome and elastic dystrophy] Claudy AL, et al. **Ann Dermatol Venereol** 1985;112(1):59-62 **(Fre)**

[Ultrastructural study of a case of Miescher-Leder granulomatosis disciformis chronica et progressiva] Leroy JP, et al. **Ann Dermatol Venereol** 1985;112(5):433-9 (Eng. Abstr.) **(Fre)**

[Ultrastructural aspects of a cutaneous biopsy in acquired immune deficiency syndrome (AIDS)] Bruneval P, et al. **Ann Pathol** 1984 Sep-Nov;4(4):305-7 (Eng. Abstr.) **(Fre)**

[Electron microscopic study of striate keratosis palmoplantaris (Wachters type)] Küchmeister B, et al. **Z Hautkr** 1985 Jun 15;60(12):985-91 (Eng. Abstr.) **(Ger)**

[Application of the improved ruthenium red staining for detection of the ultrastructure of acid glycosaminoglycans] Ishii M, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jun;94(7):845-7 **(Jpn)**

[An electron microscopic study of oleic acid-induced comedones] Maeda T, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jun;94(7):805-14 **(Jpn)**

[An ultrastructural study of tetradecane-induced comedones in rabbit ear skin] Motoyoshi K. **Nippon Hifuka Gakkai Zasshi** 1985 Mar;95(4):495-504 **(Jpn)**

[Scanning electron microscopic observation of hyperkeratosis lenticularis perstans] Nakano S, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jun;94(7):849-53 **(Jpn)**

[Ultrastructural observation of the horny and granular layers in tinea versicolor] Oguchi M, et al. **Nippon Hifuka Gakkai Zasshi** 1984 May;94(6):695-700 **(Jpn)**

[Keratin fibers in the stratum corneum--the morphological and biochemical changes of keratin fibers in case of no formation of the stratum granulosum] Tezuka T, et al. **Nippon Hifuka Gakkai Zasshi** 1985 May;95(6):649-54 **(Jpn)**

[The dermal melanocytes in the scrotal skin of C-57BL mice] Tezuka T, et al. **Nippon Hifuka Gakkai Zasshi** 1984 May;94(6):677-80 **(Jpn)**

[Dermo-epidermal separation by dispase and the effect of dispase treatment on the epidermal adenylate cyclase response] Watanabe M, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Dec;94(14):1631-8 **(Jpn)**

[Ultrastructural observation of skin, peripheral blood cells and rectal mucosa in late infantile ceroid-lipofuscinosis] Kimura S. **No To Hattatsu** 1985 May;17(3):218-22 (Eng. Abstr.) **(Jpn)**

[Morphological and morphometric research on fibroblasts with genetically determined metabolic defects] Baĭborodin SI, et al. **Tsitol Genet** 1984 Nov-Dec;18(6):403-6 (Eng. Abstr.) **(Rus)**

[Variability of the nucleolus count in clones of human diploid fibroblasts in vitro. The relationship to the potential for division and the morphology of the cells] Terekhov SM, et al. **Tsitol Genet** 1984 Nov-Dec;18(6):408-12 (Eng. Abstr.) **(Rus)**

[Electron-microscopic studies during treatment of chronic generalized (granulomatous) candidiasis with ketoconazole] Sheklakov ND, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):25-31 (Eng. Abstr.) **(Rus)**

SKIN ABSORPTION

see related

ADMINISTRATION, TOPICAL

Percutaneous penetration of benzene in hairless mice: an estimate of dermal absorption during tire-building operations. Susten AS, et al. **Am J Ind Med** 1985;7(4):323-35

Absorption of lignocaine through split-skin donor sites. Bulmer JN, et al. **Anaesthesia** 1985 Aug;40(8):808-9

Percutaneous absorption of minoxidil in man. Franz TJ. **Arch Dermatol** 1985 Feb;121(2):203-6

Percutaneous penetration of hair dyes. Wolfram LJ, et al. **Arch Dermatol Res** 1985;277(3):235-41

Percutaneous absorption of [14C]methacrylamide in animals. Hashimoto K, et al. **Arch Toxicol** 1985 Jun;57(2):94-8

The in vivo fate of topically applied dithranol in the skin of the hairless rat. A comparison of continuous and short contact application. Cavey D, et al. **Arzneimittelforsch** 1985;35(3):605-9

Estimation of dermal exposure to pesticides and its use in risk assessment. Franklin CA. **Can J Physiol Pharmacol** 1984 Aug;62(8):1037-9

Percutaneous absorption of butylparaben in vitro. II. Effects of micellar trapping of the drug and percutaneous absorption of nonionic surfactants. Komatsu H. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3739-43

Effect of crystallinity on the percutaneous absorption of corticosteroid. I. Determination of the degree of crystallinity of hydrocortisone acetate in ground mixtures with crystalline cellulose. Morita M, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):795-801

Percutaneous absorption of radioactively labelled pesticides. A summary of 20 years' research. Wang YL, et al. **Chin Med J [Engl]** 1984 Jun;97(6):443-6

Controlled-release transdermal drug delivery. Kelly HW. **Cutis** 1985 Mar;35(3):204, 207

Quantitative distribution of locally applied lindane in human skin and subcutaneous fat in vitro. Dependence of penetration on the applied concentration, skin state, duration of action and nature and time of washing. Nitsche K, et al. **Derm Beruf Umwelt** 1984;32(5):161-5

The cutaneous absorption of vitamin A. A preliminary study. Caldera R, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:213-7

Diabetic lipohypertrophy delays insulin absorption. Young RJ, et al. **Diabetes Care** 1984 Sep-Oct;7(5):479-80

Gastrointestinal and dermal absorption: interspecies differences. Calabrese EJ. **Drug Metab Rev** 1984;15(5-6):1013-32 (69 ref.)

Absorption of some glycol ethers through human skin in vitro. Dugard PH, et al. **Environ Health Perspect** 1984 Aug;57:193-7

Pulmonary and percutaneous absorption of 2-propoxyethyl acetate and 2-ethoxyethyl acetate in beagle dogs. Guest D, et al. **Environ Health Perspect** 1984 Aug;57:177-83

Comparison of percutaneous absorption of fragrances by humans and monkeys. Bronaugh RL, et al. **Food Chem Toxicol** 1985 Jan;23(1):111-4

Effect of serum-parathion interactions on cutaneous penetration of parathion in vitro. Riley RT, et al. **Food Chem Toxicol** 1985 Jan;23(1):67-71

Dosimetric models of 3H from skin absorption following contact with T2-contaminated surfaces. Johnson JR, et al. **Health Phys** 1985 Jan;48(1):110-3

Subcutaneous absorption of U-40 and U-100 insulin. Lauritzen T, et al. **Horm Metab Res** 1984 Nov;16(11):611-2

Human exposure to styrene. VI. Percutaneous absorption in human volunteers. Berode M, et al. **Int Arch Occup Environ Health** 1985;55(4):331-6

Calcinosis cutis resulting from percutaneous penetration and deposition of calcium. Wheeland RG, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):172-5

Dermal absorption of pesticides calculated by deconvolution. Fisher HL, et al. **J Appl Toxicol** 1985 Jun;5(3):163-77

Absorption of labeled triethanolamine salicylate in human and canine knee joints. II. Rabinowitz JL, et al. **J Clin Pharmacol** 1984 Nov-Dec;24(11-12):532-9

Skin penetration of nicotinic acid, methyl nicotinate, and butyl nicotinate in the guinea pig--comparison of in vivo and excised skin, and the effects of four dermatologic conditions. Osamura H, et al. **J Dermatol (Tokyo)** 1984 Oct;11(5):471-81

The relationship between dermal pesticide exposure by fruit harvesters and dislodgeable foliar residues. Zweig G, et al. **J Environ Sci Health [B]** 1985 Feb;20(1):27-59

Percutaneous absorption of nitroaromatic compounds: in vivo and in vitro studies in the human and monkey. Bronaugh RL, et al. **J Invest Dermatol** 1985 Mar;84(3):180-3

The measurement of the stratum corneum reservoir. A predictive method for in vivo percutaneous absorption studies: influence of application time. Rougier A, et al. **J Invest Dermatol** 1985 Jan;84(1):66-8

The permeability of skin and oral mucosa to water and horseradish peroxidase as related to the thickness of the permeability barrier. Squier CA, et al. **J Invest Dermatol** 1985 Mar;84(3):176-9

Absorption of iodochlorhydroxyquin in humans [letter] Wilcock M. **J Invest Dermatol** 1985 Jan;84(1):79

Absorption through human skin of ibuprofen and flurbiprofen; effect of dose variation, deposited drug films, occlusion and the penetration enhancer N-methyl-2-pyrrolidone. Akhter SA, et al. **J Pharm Pharmacol** 1985 Jan;37(1):27-37

Correlation of thermodynamic activity and vapour diffusion through human skin for the model compound, benzyl alcohol. Barry BW, et al. **J Pharm Pharmacol** 1985 Feb;37(2):84-90

Vapour and liquid diffusion of model penetrants through human skin; correlation with thermodynamic activity. Barry BW, et al. **J Pharm Pharmacol** 1985 Apr;37(4):226-36

Optimization of bioavailability of topical steroids: non-occluded penetration enhancers under thermodynamic control. Bennett SL, et al. **J Pharm Pharmacol** 1985 May;37(5):298-304

Percutaneous absorption of corticosteroids: age, site, and skin-sectioning influences on rates of permeation of hairless mouse skin by hydrocortisone. Behl CR, et al. **J Pharm Sci** 1984 Sep;73(9):1287-90

Methods for in vitro percutaneous absorption studies IV: The flow-through diffusion cell. Bronaugh RL, et al. **J Pharm Sci** 1985 Jan;74(1):64-7

Methods for in vitro percutaneous absorption studies III: hydrophobic compounds. Bronaugh RL, et al. **J Pharm Sci** 1984 Sep;73(9):1255-8

Long-term controlled navel administration of testosterone. Chien YW. **J Pharm Sci** 1984 Aug;73(8):1064-7

Increased skin permeability for lipophilic molecules. Cooper ER. **J Pharm Sci** 1984 Aug;73(8):1153-6

Percutaneous absorption and disposition of iodochlorhydroxyquin in dogs. Ezzedeen FW, et al. **J Pharm Sci** 1984 Oct;73(10):1369-72

Evaluation of diethyl malonate as a simulant for 1,2,2-trimethylpropyl methylphosphonofluoridate (soman) in shower decontamination of the skin. Reifenrath WG, et al. **J Pharm Sci** 1984 Oct;73(10):1388-92

Drug permeation through human skin II: Permeability of ionizable compounds. Swarbrick J, et al. **J Pharm Sci** 1984 Oct;73(10):1352-5

A theoretical consideration of percutaneous drug absorption. Kubota K, et al. **J Pharmacokinet Biopharm** 1985 Feb;

13(1):55-72

In vivo percutaneous absorption of paraquat from hand, leg, and forearm of humans. Wester RC, et al. **J Toxicol Environ Health** 1984;14(5-6):759-62

Hyperosmolality induced by propylene glycol. A complication of silver sulfadiazine therapy. Fligner CL, et al. **JAMA** 1985 Mar 15;253(11):1606-9

Absorption of gamma benzene hexachloride following application of Kwell shampoo. Ginsburg CM, et al. **Pediatr Dermatol** 1983 Jul;1(1):74-6

Skin penetration of minerals in psoriatics and guinea-pigs bathing in hypertonic salt solutions. Shani J, et al. **Pharmacol Res Commun** 1985 Jun;17(6):501-12

Skin absorption as a source of error in biological monitoring. Aitio A, et al. **Scand J Work Environ Health** 1984 Oct; 10(5):317-20

Percutaneous absorption in man: a kinetic approach. Guy RH, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):123-9

Percutaneous absorption and dermal dose-cholinesterase response studies with parathion and carbaryl in the rat. Knaak JB, et al. **Toxicol Appl Pharmacol** 1984 Nov; 76(2):252-63

Systemic effects of topical application of T-2 toxin in mice. Schiefer HB, et al. **Toxicol Appl Pharmacol** 1984 Dec; 76(3):464-72

Percutaneous absorption of formaldehyde in rats. Bartnik FG, et al. **Toxicol Lett** 1985 May;25(2):167-72

[Transdermal therapeutic systems and steroids] Presl J. **Cesk Gynekol** 1984 Aug;49(7):518-20 **(Cze)**

[Role of microemulsions in the percutaneous absorption of alpha-tocopherol] Martini MC, et al. **J Pharm Belg** 1984 Nov-Dec;39(6):348-54 (Eng. Abstr.) **(Fre)**

[Behavior of external adjuvants in human skin. In vitro penetration of various polyethylene glycols] Maak C, et al. **Derm Beruf Umwelt** 1984;32(4):126-33 (Eng. Abstr.) **(Ger)**

[Penetration kinetics and effectiveness of urea in human skin following removal of the stratum corneum] Wohlrab W. **Dermatol Monatsschr** 1984;170(12):743-9 (Eng. Abstr.) **(Ger)**

[Relation of the vehicle to urea penetration in human skin] Wohlrab W. **Dermatologica** 1984;169(2):53-9 (Eng. Abstr.) **(Ger)**

[Penetration of benzoyl peroxide in the skin] Seubert S, et al. **Hautarzt** 1984 Sep;35(9):455-8 (Eng. Abstr.) **(Ger)**

[Permeation of labeled Oxiconazole. Comparison between the autoradiographic and horizontal slice technics with human skin] Stüttgen G, et al. **Mykosen** 1985 Mar; 28(3):138-47 (Eng. Abstr.) **(Ger)**

[Transport mechanism and influencing factors on the ointment-skin and drug-ointment systems] Horsch W. **Pharmazie** 1984 Sep;39(9):598-605 **(Ger)**

[Penetration kinetics of potential virustatics into the human skin] Wohlrab W, et al. **Pharmazie** 1984 Aug;39(8):562-4 (Eng. Abstr.) **(Ger)**

[The pharmacokinetics of external skin preparations] Wohlrab W, et al. **Pharmazie** 1984 Sep;39(9):614-5 **(Ger)**

[Possibilities and limitations for controlled-release transdermal preparations] Saettone MF. **Boll Chim Farm** 1984 May;123(5):191-9 **(Ita)**

[Studies on the percutaneous absorption and the systemic effects of corticosteroids in rats--with special reference to the relation between distribution and change of organs] Suzuki M. **Nippon Hifuka Gakkai Zasshi** 1984 Jun; 94(7):831-43 **(Jpn)**

[Biopharmaceutical evaluation of hydrocortisone acetate ointment applied to the skin] Umer S. **Acta Pol Pharm** 1984; 41(3):375-80 (Eng. Abstr.) **(Pol)**

[Hygienic significance of dimethylformamide penetration through the skin] Bortsevich SV. **Gig Tr Prof Zabol** 1984 Nov;(11):55-7 **(Rus)**

DRUG EFFECTS

Effect of azone and propylene glycol on penetration of trifluorothymidine through skin and efficacy of different topical formulations against cutaneous herpes simplex virus infections in guinea pigs. Spruance SL, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):819-23

Percutaneous absorption of clobetasol propionate from novel ointment and cream formulations. Harding SM, et al. **Clin Exp Dermatol** 1985 Jan;10(1):13-21

Inhibition of methadone and phenobarbital percutaneous absorption by parenterally administered ethanol. Bailey DN, et al. **J Anal Toxicol** 1984 Nov-Dec;8(6):269-72

Ultrastructural studies of barrier restoration in epidermis of hairless mice following dimethyl sulfoxide application. Shackleford JM, et al. **J Cutan Pathol** 1984 Aug; 11(4):259-68

Laboratory studies of collagen wound dressing (CAS). Part III. Transport of radioactivity from 3H-CAS applied to experimental skin excisions. Murata S, et al. **J Dermatol (Tokyo)** 1984 Jun;11(3):253-8

Concentration-dependent enhancement of 1-dodecylazacycloheptan-2-one on the percutaneous penetration kinetics of triamcinolone acetonide. Chow DS, et al. **J Pharm Sci** 1984 Dec;73(12):1794-9

Effect of fatty acids and alcohols on the penetration of acyclovir across human skin in vitro. Cooper ER, et al. **J Pharm Sci** 1985 Jun;74(6):688-9

Enhancing effect of absorption promoters on percutaneous absorption of a model dye (6-carboxyfluorescein) as poorly absorbable drugs. I. Comparison of plasma levels after addition of various absorption promoters in rat. Ohshima T, et al. **J Pharmacobiodyn** 1984 Sep;7(9):648-55

[Quantitative aspects of the percutaneous uptake of wool wax alcohols (cetyl alcohol) and paraffins (octadecane) from different ointment bases] Zesch A, et al. **Derm Beruf Umwelt** 1985;33(1):15-20 (Eng. Abstr.) **(Ger)**

[Effects of sunscreens and their bases on UV-transmission in porcine skin] Kakishima H, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Mar;95(4):425-30 **(Jpn)**

[Effect of ointment bases on the absorption of hydrocortisone acetate from ointments] Umer S. **Ann Univ Mariae Curie Sklodowska [Med]** 1982;37:233-7 (Eng. Abstr.) **(Pol)**

[Kinetics of benzo[a]pyrene penetration into the mouse skin after treatment with various phenols] Shevchuk IN, et al. **Eksp Onkol** 1984;6(1):22-4 (Eng. Abstr.) **(Rus)**

[Drug absorption in aging] Bezverkhaia IS, et al. **Farmakol Toksikol** 1985 Jan-Feb;48(1):109-12 (58 ref.) **(Rus)**

[Chambers for determining the rate of penetration of chemicals through the skin] Syrovadko ON. **Gig Tr Prof Zabol** 1985 Apr;(4):56-7 **(Rus)**

[Dimethylphthalate metabolism in epidermal application of the preparation] Surina TIa, et al. **Med Parazitol (Mosk)** 1984 Jul-Aug;(4):67-71 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

[Effect of water temperature in radon baths on irradiation of the patient's body] Andreev SV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan-Feb; (1):49-51 (Eng. Abstr.) **(Rus)**

SKIN APPENDAGE DISEASES

DRUG THERAPY

[Antiandrogens in dermatological therapy. I. Mechanism of action of antiandrogens with special reference to the skin] Zabel J. **Przegl Dermatol** 1984 May-Jun;71(3):291-5 (41 ref.) **(Pol)**

IMMUNOLOGY

Immunohistochemistry of adnexal neoplasms. Penneys NS. **J Cutan Pathol** 1984 Oct;11(5):357-64 (14 ref.)

METABOLISM

Histochemistry of the cutaneous adnexa and selected adnexal neoplasms. Johnson WC. **J Cutan Pathol** 1984 Oct; 11(5):352-6

Basement membrane laminin and type IV collagen in various benign and malignant adnexal tumors of the skin: an immunohistochemical study. Kallioinen M, et al. **J Invest Dermatol** 1984 Oct;83(4):276-80

PATHOLOGY

Involvement of the vulval skin appendages by intraepithelial neoplasia. Mene A, et al. **Br J Obstet Gynaecol** 1985 Jun; 92(6):634-8

Histologic diagnosis of benign adnexal skin tumors. An algorithmic approach. Brown E, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):350-8

Adnexal neoplasms: introduction, comments, and controversies. Barr RJ. **J Cutan Pathol** 1984 Oct; 11(5):347-9

The genodermatopathology of adnexal tumors. Brownstein MH. **J Cutan Pathol** 1984 Oct;11(5):457-65 (25 ref.)

Appendage tumors of the skin: histogenesis and ultrastructure. Hashimoto K, et al. **J Cutan Pathol** 1984 Oct;11(5):365-81 (23 ref.)

Adnexal carcinomas of the skin. Santa Cruz DJ, et al. **J Cutan Pathol** 1984 Oct;11(5):450-6 (30 ref.)

SKIN DISEASES

Lee McCarthy and his Histopathology of Skin Diseases [letter] King DF. **Am J Dermatopathol** 1985 Feb;7(1):103-4

Pustular bacterid of Andrews [letter] Worret WI. **Am J Dermatopathol** 1985 Apr;7(2):200

Evolution of foam cells in subcutaneous rabbit carrageenan granulomas: I. Light-microscopic and ultrastructural study. Schwartz CJ, et al. **Am J Pathol** 1985 Jan;118(1):134-50

The pyogenic granuloma. Bucci FA Jr, et al. **Ariz Med** 1984 Dec;41(12):794-6

What's new in paediatric dermatology. Rasmussen JE. **Australas J Dermatol** 1984 Aug;25(2):45-53 (34 ref.)

British Association of Dermatologists sixty-fifth annual meeting, 1985, London. Abstracts. **Br J Dermatol** 1985 Jul; 113 Suppl 29:1-104

Proceedings of the 230th meeting of the Netherlands Society of Dermatology, Utrecht, 4 February 1984. Abstracts. **Br J Dermatol** 1984 Oct;111(4):477-97

British Society for Investigative Dermatology annual meeting. University of Keele, September 1984. Abstracts. **Br J Dermatol** 1984 Dec;111(6):701-32

Diseases of hairy skin. Jorda V. **Curr Probl Dermatol** 1984; 12:185-223 (0 ref.)

Highlights of the 8th Annual Dermatology Seminar. Wailea, Maui, Hawaii, February 10-15, 1984. Arnold HL jr, et al. **Cutis** 1984 Nov;34(5):497-501

XIth Postgraduate Seminar in Pediatric Dermatology. Miami, Florida, February 23-26. 1984. Part 1. Hurwitz S, et al. **Cutis** 1984 Nov;34(5):504-6,508

Corrective cosmetics. Natow AJ. **Cutis** 1985 Aug;36(2):123-4

Expected skin complaints of the geriatric patient. Walther RR, et al. **Geriatrics** 1984 Dec;39(12):67-9, 73-4, 79-80

Sarcoidosis: a multisystem disorder with prominent ocular and cutaneous involvement. Callen JP, et al. **Int Ophthalmol Clin** 1985 Spring;25(1):135-58

Calcinosis cutis in a burn scar [letter] Coskey RJ, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):666-8

Papulosquamous diseases: a review. Fox BJ, et al. **J Am Acad Dermatol** 1985 Apr;12(4):597-624 (198 ref.)

Cutaneous pseudoporphyria [letter] Burton JL. **Lancet** 1985 Jun 15;1(8442):1393

[Strategies and methodology of traditional Chinese medicine and western medicine research in dermatology] Fang DD. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):182-4 **(Chi)**

[External fistulae of the digestive tract] Podzimek A, et al. **Rozhl Chir** 1985 May;64(5):370-7 (Eng. Abstr.) **(Cze)**

[Pathology of the natal cleft] Puissant A. **Ann Gastroenterol Hepatol (Paris)** 1984 Oct-Nov; 20(5):234-41 (Eng. Abstr.) **(Fre)**

[Presentation of clinical cases of the University of Geneva Clinic] **Dermatologica** 1984;169(5):282-90 **(Fre)**

[Clinical demonstrations of the Dermatology Clinic of the University of Bern] Krebs A, et al. **Dermatologica** 1984; 169(5):265-76 **(Ger)**

[Demonstration of the Dermatology Clinic of the University of Basel] Rufli T, et al. **Dermatologica** 1984;169(5):291-300 **(Ger)**

[Demonstration of the Dermatology Clinic of the University of Zurich] Wüthrich B, et al. **Dermatologica** 1984; 169(5):277-81 **(Ger)**

[What's new in American dermatology] Hollander A. **Hautarzt** 1985 Feb;36(2):69-76 (44 ref.) **(Ger)**

[The importance of adrenergic receptors for dermatology] Raff M, et al. **Hautarzt** 1985 May;36(5):259-64 (67 ref.) (Eng. Abstr.) **(Ger)**

[The 84th annual meeting of Japanese Dermatological Association. Okayama, Japan, April 12-14, 1985. Abstracts] **Nippon Hifuka Gakkai Zasshi** 1985 Feb;95(3 Suppl):210-418 **(Jpn)**

[The 83rd annual meeting of the Japanese Dermatological Association. Sapporo, Japan, 6-8 June 1984. Abstracts] **Nippon Hifuka Gakkai Zasshi** 1984 Nov;94(12 Suppl):1472-97 **(Jpn)**

[Cutaneous porphyria] Sandberg S. **Tidsskr Nor Laegeforen** 1984 Sep 30;104(27):1908-11 (Eng. Abstr.) **(Nor)**

BLOOD

Correlation of serum and urinary porphyrin levels in porphyria cutanea tarda. Kalb RE, et al. **Arch Dermatol** 1985 Oct;121(10):1289-91

Photodynamic action of uroporphyrin on the complement system in porphyria cutanea tarda. Meurer M, et al. **Arch Dermatol Res** 1985;277(4):293-8

Protoporphyrin accumulation by mitogen stimulated lymphocytes and protoporphyrinogen oxidase activity in patients with porphyria variegata and erythropoietic protoporphyria: evidence for deficiency of protoporphyrinogen oxidase and ferrochelatase in both diseases. Siepker LJ, et al. **Br J Haematol** 1985 May; 60(1):65-74

Determination of zinc, copper, manganese, and iron in blood from patients with light-sensitive skin diseases. Horkay I, et al. **Dermatologica** 1984;169(2):66-9

Essential fatty acid nutritional status in phrynoderma. Ghafoorunissa. **Indian J Med Res** 1984 Dec;80:663-9

Increased plasma chemoattractant in Sweet's syndrome. Kaplan SS, et al. **J Am Acad Dermatol** 1985 Jun; 12(6):1013-21

The use of a metal halide lamp for the induction of photohemolysis in porphyria. Honda T, et al. **J Dermatol (Tokyo)** 1984 Jun;11(3):225-32

Lichen myxedematosus (scleromyxedema) serum stimulates hyaluronic acid and prostaglandin E production by human fibroblasts. Yaron M, et al. **J Rheumatol** 1985 Feb; 12(1):171-5

Dyslipoproteinemia and xanthomatosis. Haber C, et al. **Pediatr Dermatol** 1984 Apr;1(4):261-80 (90 ref.)

[Hemorrheologic observations on patients with various skin diseases] Guo NR. **Chung Hua I Hsueh Tsa Chih** 1984 Dec; 64(12):759-61 **(Chi)**

[Polymorphonuclear leukocytes in dermatology. Physiology. Study methodology. Therapeutic applications] Stalder JF. **Ann Dermatol Venereol** 1984;111(12):1109-24 (136 ref.) **(Fre)**

[Disseminated intravascular coagulation in skin diseases] Płatek-Twardoch C. **Przegl Dermatol** 1984 Nov-Dec; 71(6):609-14 (38 ref.) **(Pol)**

[Carbohydrate metabolism in patients with granuloma annulare] Khazizov IE. **Vestn Dermatol Venerol** 1984 Sep; (9):53-7 (Eng. Abstr.) **(Rus)**

CHEMICALLY INDUCED

Pregnancy and porphyria cutanea tarda. Rajka G.

Acta Derm Venereol (Stockh) 1984;64(5):444-5

Xerodermoid induced by photochemotherapy. Pierard GE, et al. **Am J Dermatopathol** 1984 Aug;6(4):397-410

Managing skin damage induced by doxorubicin hydrochloride and daunorubicin hydrochloride. Cox RF. **Am J Hosp Pharm** 1984 Nov;41(11):2410-4

Aspartame-induced granulomatous panniculitis. Novick NL. **Ann Intern Med** 1985 Feb;102(2):206-7

Clinical observations and therapy of injuries with vesicants. Colardyn F, et al. **Arch Belg** 1984;Suppl:298-301

Injection-site granuloma due to aluminum. Fawcett HA, et al. **Arch Dermatol** 1984 Oct;120(10):1318-22

Topical glutaraldehyde-percutaneous penetration and skin irritation. Reifenrath WG, et al. **Arch Dermatol Res** 1985; 277(3):242-4

Porphyria turcica due to hexachlorobenzene: a 20 to 30 year follow-up study on 204 patients. Cripps DJ, et al. **Br J Dermatol** 1984 Oct;111(4):413-22

Oculodermatological findings in workers with occupational exposure to polychlorinated biphenyls (PCBs). Fischbein A, et al. **Br J Ind Med** 1985 Jun;42(6):426-30

Extensive subcutaneous calcification following injections of pitressin tannate. Adam A, et al. **Br J Radiol** 1984 Oct; 57(682):921-2

Accidental urethrocutaneous fistula. Wong AL, et al. **Br J Urol** 1985 Apr;57(2):239

Severe cutaneous reaction to captopril [letter] **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1829

Severe cutaneous reactions to captopril. Goodfield MJ, et al. **Br Med J [Clin Res]** 1985 Apr 13;290(6475):1111

Cutaneous manifestations of zinc deficiency during treatment with anticonvulsants. Lewis-Jones MS, et al. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):603-4

Cutaneous vasculitis associated with long-term thiouracil therapy. Cox NH, et al. **Clin Exp Dermatol** 1985 May; 10(3):292-5

A cutaneous complication of Dorbanex therapy [letter] Cox NH, et al. **Clin Exp Dermatol** 1984 Nov;9(6):624-5

Different effects of topically applied 5-fluorouracil on hairy and hairless mice. Tsuji T, et al. **Clin Exp Dermatol** 1984 Nov;9(6):574-82

Scrotal and abdominal skin necrosis complicating intravenous vasopressin therapy for bleeding esophageal varices. Gogel HK, et al. **Dig Dis Sci** 1985 May;30(5):460-4

Clinical findings and immunological abnormalities in Yu-Cheng patients. Lü YC, et al. **Environ Health Perspect** 1985 Feb;59:17-29

Past and current dermatological status of Yusho patients. Urabe H, et al. **Environ Health Perspect** 1985 Feb;59:11-5

Toxicity of cyclohexanone oxime. II. Acute dermal and subchronic oral studies. Gad SC, et al. **Fundam Appl Toxicol** 1985 Feb;5(1):128-36

Environmentally induced systemic sclerosis-like disorders. Haustein UF, et al. **Int J Dermatol** 1985 Apr;24(3):147-51 (51 ref.)

Adverse cutaneous reactions to antituberculosis drugs. Holdiness MR. **Int J Dermatol** 1985 Jun;24(5):280-5 (54 ref.)

Cutaneous reactions to nonsteroidal anti-inflammatory drugs. A review. Bigby M, et al. **J Am Acad Dermatol** 1985 May; 12(5 Pt 1):866-76 (129 ref.)

Cutaneous mercury granuloma. A clinicopathologic study and review of the literature. Lupton GP, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):296-303

Environmental reactions to chemical, physical, and biologic agents. Taylor JS, et al. **J Am Acad Dermatol** 1984 Nov; 11(5 Pt 2):1007-19 (87 ref.)

Cutaneous reactions secondary to heparin injections. Tuneu A, et al. **J Am Acad Dermatol** 1985 Jun;12(6):1072-7

Chrysiasis following gold therapy for rheumatoid arthritis: ultrastructural analysis with x-ray energy spectroscopy. Pelachyk JM, et al. **J Cutan Pathol** 1984 Dec;11(6):491-4

Histologic changes produced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the skin of mice carrying mutations that affect the integument. Poland A, et al. **J Invest Dermatol** 1984 Dec;83(6):454-9

Pseudoporphyria due to naproxen. **Lancet** 1985 May 18; 1(8438):1166-7

Mitozantrone-induced asteatosis [letter] Dharmasena F, et al. **Lancet** 1985 Jul 13;2(8446):101

[Rupture of atrophic striae during pustular psoriasis treated with etretinate (Tigason)] Bordier C, et al. **Ann Dermatol Venereol** 1984;111(10):929-31 **(Fre)**

[Skin complications of mesotherapy (2 cases)] Guillaume JC, et al. **Ann Dermatol Venereol** 1984;111(8):701-2 **(Fre)**

[A case of skin necrosis induced by heparin] Mathieu A, et al. **Ann Dermatol Venereol** 1984;111(8):733-4 **(Fre)**

[Drug eruptions caused by beta-blockers] Bonnetblanc JM. **Ann Med Interne (Paris)** 1984;135(8):639-41 (Eng. Abstr.) **(Fre)**

[Skin manifestations observed during treatment with penicillamine and its derivatives] Venencie PY, et al. **Ann Med Interne (Paris)** 1984;135(8):642-5 (Eng. Abstr.) **(Fre)**

[Cutaneous necrosis after subcutaneous administration of gentamycin (letter)] Doutre MS, et al. **Therapie** 1985 Jul-Aug;40(4):266-7 **(Fre)**

[Undesirable skin reactions to lithium] Albrecht G. **Hautarzt** 1985 Feb;36(2):77-82 (40 ref.) (Eng. Abstr.) **(Ger)**

[Hemangiosarcoma of the liver in workers of the PVC industry and other VC-induced diseases with angiologic-dermatologic, hepatologic, radiologic and neurologic symptoms] Halama J, et al. **Radiologe** 1985 Jan; 25(1):22-9 (Eng. Abstr.) **(Ger)**

[Cutaneous complications of coumadin therapy] Papa MA, et al. **Harefuah** 1983 Jun;104(11-12):504-6 (Eng. Abstr.) **(Heb)**

[Cutaneous necrosis caused by vasopressin (letter)] Albillos Martínez A, et al. **Med Clin (Barc)** 1985 May 18;84(19):800 **(Spa)**

[Cutaneous necrosis caused by dicoumarinics (letter)] Bisbe J, et al. **Med Clin (Barc)** 1985 Mar 23;84(11):459 **(Spa)**

CLASSIFICATION

Panniculitis. Black MM. **J Cutan Pathol** 1985 Jun-Aug; 12(3-4):366-80

[Cutaneous amyloidosis: classification] De Mesquita AP. **Med Cutan Ibero Lat Am** 1984;12(4):293-300 (Eng. Abstr.) **(Por)**

COMPLICATIONS

Acute febrile neutrophilic dermatosis with genital involvement. Lindskov R. **Acta Derm Venereol (Stockh)** 1984;64(6):559-61

Malignant melanoma in association with lichen sclerosus on the vulva of a 14-year-old. Friedman RJ, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:253-6

Aplasia cutis congenita and intestinal lymphangiectasia. An unusual association. Bronspiegel N, et al. **Am J Dis Child** 1985 May;139(5):509-13

Pigmentatio reticularis faciei et colli with multiple epithelial cysts. Hori Y, et al. **Arch Dermatol** 1985 Jan;121(1):109-11

Lymphomatoid papulosis associated with plaque-stage and granulomatous mycosis fungoides. Kardashian JL, et al. **Arch Dermatol** 1985 Sep;121(9):1175-80

Extensive ichthyosiform sarcoidosis in a patient with juvenile rheumatoid arthritis [letter] Paller AS, et al. **Arch Dermatol** 1985 Feb;121(2):171-2

Pellagra in a patient with anorexia nervosa. Rapaport MJ. **Arch Dermatol** 1985 Feb;121(2):255-7

Cutaneous xanthomas associated with chronic myelomonocytic leukemia. Vail JT Jr, et al. **Arch Dermatol** 1985 Oct;121(10):1318-20

Cutaneous manifestations of sarcoidosis. Relationships to other organ system involvement, abnormal laboratory measurements, and disease course. Olive KE, et al. **Arch Intern Med** 1985 Oct;145(10):1811-4

The association of lichen sclerosus et atrophicus and primary biliary cirrhosis [letter] Lavery HA, et al. **Br J Dermatol** 1985 Jun;112(6):729-30

Localized granuloma annulare is associated with insulin-dependent diabetes mellitus. Muhlemann MF, et al. **Br J Dermatol** 1984 Sep;111(3):325-9

Lupus pernio: a clinico-radiological study of thirty-five cases. Spiteri MA, et al. **Br J Dermatol** 1985 Mar; 112(3):315-22

The association between lichen sclerosus et atrophicus and autoimmune disease in males--an addendum [letter] Thomas RH, et al. **Br J Dermatol** 1984 Sep;111(3):371

Granuloma annulare in herpes zoster scars. Packer RH, et al. **Cutis** 1984 Aug;34(2):177-9

Erythema nodosum in Sweet's syndrome. Spatz SA. **Cutis** 1985 Apr;35(4):327-30

Oral manifestations of Sweet's syndrome. Driban NE, et al. **Dermatologica** 1984;169(2):102-3

Polyarthritis with atypical keratotic nodular dermatosis or polyarthritis with multiple keratoacanthoma. A case report. Mittal R, et al. **Dermatologica** 1984;169(4):199-202

Early onset of daunomycin cardiotoxicity in a case of acute myelogeneous leukemia associated with Sweet's syndrome. Imamura N, et al. **Hiroshima J Med Sci** 1985 Jun; 34(2):253-6

Mycosis fungoides in an epidermoid cyst. Slater DN, et al. **Histopathology** 1985 Jun;9(6):659-62

Acute febrile neutrophilic dermatosis (Sweet's syndrome) associated with lymphoma. Krolikowski FJ, et al. **Hum Pathol** 1985 May;16(5):520-2

Sweet's syndrome: a presenting sign of acute myelogenous leukemia. Nagler A, et al. **Isr J Med Sci** 1985 Jan;21(1):64-6

The association of transient acantholytic dermatosis with other skin diseases. Grover RW, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):253-6

Appearance of lupus erythematosus in a patient with lichen sclerosus et atrophicus of the elbows [letter] Kahana M, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):127-9

Cutaneous angiomas in POEMS syndrome. Puig L, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 2):961-4

Porphyria cutanea tarda associated with lymphoma. Adrados G, et al. **J Dermatol (Tokyo)** 1984 Aug;11(4):403-6

A case of granuloma annulare and sarcoidosis. Kato H, et al. **J Dermatol (Tokyo)** 1985 Feb;12(1):63-9

Hypereosinophilic syndrome. Masuda T, et al. **J Dermatol (Tokyo)** 1984 Apr;11(2):175-9

Elephantine sarcoidosis presenting as ulcerating lymphoedema. Mühlemann MF, et al. **J R Soc Med** 1985 Mar;78(3):260-1

Is porphyria cutanea tarda a risk factor in the development of hepatocellular carcinoma? A case report and review of the literature. Packe GE, et al. **Oncology** 1985;42(1):44-7

Ocular manifestations of the neurocutaneous syndromes. Greenwald MJ, et al. **Pediatr Dermatol** 1984 Oct; 2(2):98-117

[The multiple lentigines syndrome and elastic dystrophy] Claudy AL, et al. **Ann Dermatol Venereol** 1985;112(1):59-62 **(Fre)**

[Normolipemic plane xanthomas and IgGk myeloma with anti-lipoprotein activity. Apropos of a case. Review of the literature] Doutre MS, et al. **Dermatologica** 1985; 170(4):157-64 (Eng. Abstr.) **(Fre)**

[Cutaneous xanthoma, xanthelasma, and hypobetalipoproteinemia. An uncommon association of undetermined pathogenesis (letter)] Heshmati HM, et al. **Presse Med** 1985 Mar 16;14(11):641 **(Fre)**

[The association of diabetes mellitus, chronic renal insufficiency and reactional perforating collagenosis: apropos of a case] Panzini H, et al. **Union Med Can** 1985 May;114(5):411-4 (Eng. Abstr.) **(Fre)**

[Circumscribed scleroderma combined with lichen sclerosus et atrophicus] Küchmeister B, et al. **Z Hautkr** 1985 Jan; 60(1-2):87-92 (Eng. Abstr.) **(Ger)**

[Grover's disease of cutaneous and laryngeal localization associated with a carcinoma of the larynx] Aloi FG, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec;119(6):407-10 (Eng. Abstr.) **(Ita)**

[Grover's disease and neoplasms: a non-casual association? (letter)] Aloi FG, et al. **G Ital Dermatol Venereol** 1985 May-Jun;120(3):235 **(Ita)**

[Porphyria cutaneous tarda sclerodermiforme with cutaneous calcinosis] Barba A, et al. **G Ital Dermatol Venereol** 1985 Jan-Feb;120(1):83-5 (Eng. Abstr.) **(Ita)**

[Occurrence of cutaneous diabetic microangiopathies in various dermopathies statistically associated with diabetes] Lisi P. **G Ital Dermatol Venereol** 1984 Jan-Feb;119(1):63-5 (Eng. Abstr.) **(Ita)**

[Skin changes in diabetes] Tosti A. **G Ital Dermatol Venereol** 1984 Jan-Feb;119(1):69-71 **(Ita)**

[Nephropathy caused by intermittent acute porphyria] Guarini G, et al. **Recenti Prog Med** 1984 Sep;75(9):810-5 (Eng. Abstr.) **(Ita)**

[A case of primary biliary cirrhosis complicated with CRST syndrome] Moriyama M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May; 82(5):1398-401 **(Jpn)**

[Combined skin lesions in sarcoidosis] Shaposhnikov OK, et al. **Vestn Dermatol Venerol** 1985 Feb;(2):4-6 (Eng. Abstr.) **(Rus)**

[Effect of burns on the course of dermatoses] Shaposhnikov OK, et al. **Voen Med Zh** 1985 Apr;(4):53-8 **(Rus)**

[Idiopathic livedo reticularis and cerebrovascular accidents (Sneddon syndrome)] Rebollo M, et al. **Med Clin (Barc)** 1984 Nov 10;83(15):644-7 (36 ref.) **(Spa)**

[Enterocutaneous fistulas. Report of 30 cases] Ramírez-Guerrero A, et al. **Rev Invest Clin** 1984 Oct-Dec; 36(4):343-8 (Eng. Abstr.) **(Spa)**

CONGENITAL

Dyskeratosis congenita with hypoplastic anemia: a stem cell defect. Friedland M, et al. **Am J Hematol** 1985 Sep; 20(1):85-7

Linear skin atrophy, scarring alopecia, anonychia, and tongue lesion: a 'new' syndrome? Sequeiros J, et al. **Am J Med Genet** 1985 Aug;21(4):669-80

Cutis marmorata telangiectatica congenita: report of nine cases and review of the literature. Powell ST, et al. **Cutis** 1984 Sep;34(3):305-12 (79 ref.)

Dermatologic birth defects and congenital skin disease. Carter DM, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 2):974-83 (37 ref.)

Congenital self-healing reticulohistiocytosis. Report of the seventh case with histochemical and ultrastructural studies. Hashimoto K, et al. **J Am Acad Dermatol** 1984 Sep; 11(3):447-54

Skin dimpling associated with midtrimester amniocentesis. Bruce S, et al. **Pediatr Dermatol** 1984 Oct;2(2):140-2

Congenital fascial dystrophy--a noninflammatory disease of fascia: the stiff skin syndrome. Jablonska S, et al. **Pediatr Dermatol** 1984 Oct;2(2):87-97

[Congenital cutaneous, pleural and intestinal disseminated lymphangiectasis] Roth A. **Arch Anat Cytol Pathol** 1984; 32(6):349-52 (Eng. Abstr.) **(Fre)**

[Congenital erythropoietic porphyria (Gunther disease)] Sotelo-Cruz N, et al. **Bol Med Hosp Infant Mex** 1985 Feb; 42(2):140-4 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Facial burning and scarring in a child. Joyce JP, et al. **Arch Dermatol** 1985 Jul;121(7):928, 931

Immunocytoma of the skin simulating lymphadenosis benigna cutis. van der Putte SC, et al. **Arch Dermatol Res** 1985; 277(1):36-43

Circulating Sézary cells. A new preparatory method for their identification and enumeration. Fletcher V, et al. **Arch Pathol Lab Med** 1984 Dec;108(12):954-8

Wood's light examination. Murtagh J. **Aust Fam Physician** 1985 Jun;14(6):525

Recent widespread scaly rashes. Finlay AY. **Br Med J [Clin Res]** 1984 Sep 29;289(6448):817-9

Sarcoidosis presenting with erythema multiforme-like cutaneous lesions. Beacham BE, et al. **Cutis** 1984 May; 33(5):461-3

Secondary and tertiary syphilis presenting as sarcoidal reactions of the skin. Perry HO, et al. **Cutis** 1984 Sep;

34(3):253-5, 257-8

Differential diagnosis between leprosy and post-kala-azar dermal leishmaniasis. Ekambaram V, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):641-6

Chronic cutaneous granulomatous dermopathy: morphologic and serologic evaluation, differential diagnosis and pharmacologic control. McGrath KG, et al. **Int Arch Allergy Appl Immunol** 1985;76(4):318-23

Pathology of granulomatous diseases. Histiocytic granulomas. Hirsh BC, et al. **Int J Dermatol** 1984 Jul-Aug; 23(6):383-9 (27 ref.)

Histiocytes and the skin. Can new methods aid diagnosis? Kerdel FA. **Int J Dermatol** 1985 May;24(4):222-3

Peeling skin syndrome [letter] Dicken CH. **J Am Acad Dermatol** 1985 Jul;13(1):158-60

Lichen aureus [letter] English J. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):377-9

DIAG: a computer-assisted dermatologic diagnostic system--clinical experience and insight. Haberman HF, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):132-43

Criteria for diagnosis in dermatology and dermatopathology: a critical evaluation. Lambert WC, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):669-73

Hepatoerythropoietic porphyria: a variant of childhood-onset porphyria cutanea tarda. Porphyrin profiles and enzymatic studies of two cases in a family. Lim HW, et al. **J Am Acad Dermatol** 1984 Dec; 11(6):1103-11

Diff-Quik stain for Tzanck smears [letter] O'Keefe EJ, et al. **J Am Acad Dermatol** 1985 Jul;13(1):148-9

The lichenoid tissue reaction. Weedon D. **J Cutan Pathol** 1985 Jun-Aug;12(3-4):279-81

Diagnoses of skin disease: dermatologists vs. nondermatologists. Wagner RF Jr, et al. **J Dermatol Surg Oncol** 1985 May;11(5):476-9

Renal ultrasound in POEMS syndrome. Arenson AM, et al. **JCU** 1985 Mar-Apr;13(3):208-9

Wound amylase levels as an early indicator of orocutaneous fistulae. Larsen LR, et al. **Laryngoscope** 1984 Oct; 94(10):1302-6

Porphyria cutanea tarda in association with multiple myeloma. Maier JM, et al. **NC Med J** 1984 Oct;45(10):638-9

Unusual neurocutaneous syndromes. Berg BO. **Neurol Clin** 1985 Feb;3(1):165-78 (58 ref.)

Skin surface stripping in diagnosing and monitoring inflammatory, xerotic, and neoplastic diseases. Pierard-Franchimont C, et al. **Pediatr Dermatol** 1985 Mar; 2(3):180-4

Skin diseases of the external genitalia. Recognition and treatment. Hordinsky MK. **Postgrad Med** 1985 Jan; 77(1):139-45, 148

Some spots of no significance. Klaber MR, et al. **Practitioner** 1984 Nov;228(1397):1065-7

Dermatomyositis with calcinosis cutis. Case report 317. Magid D, et al. **Skeletal Radiol** 1985;14(2):126-31

[Pyogenic granuloma] Vilmann P, et al. **Ugeskr Laeger** 1984 Jul 2;146(27):2023 (Eng. Abstr.) **(Dan)**

[Comparative clinical study of pyogenic granuloma and amelanotic melanoma of the skin] Scholtes JH, et al. **Ned Tijdschr Geneeskd** 1985 Feb 9;129(6):256-60 (Eng. Abstr.) **(Dut)**

[Mucocutaneous and salivary manifestations of the graft vs host reaction after bone marrow transplantation] d'Agay MF, et al. **Rev Stomatol Chir Maxillofac** 1984;85(5):370-4 (Eng. Abstr.) **(Fre)**

[Gibert's pityriasis rosea. Topographic observations and differential diagnosis] Faucher F, et al. **Tunis Med** 1984 Jul-Aug;62(4):303-5 (Eng. Abstr.) **(Fre)**

[Creation of a diaclinic for paraclinical case presentation from the technical didactic viewpoint] Kleber H. **Z Hautkr** 1984 Jun 1;59(11):759-65 (Eng. Abstr.) **(Ger)**

[Specific dermatoses of pregnancy] Alcalay J, et al. **Harefuah** 1985 Jan 15;108(2):61-4 (Eng. Abstr.) **(Heb)**

[Infected tooth presenting with sinus of the chin] Dvir E, et al. **Harefuah** 1985 Jan 1;108(1):19 (Eng. Abstr.) **(Heb)**

[Local edema as the presenting symptom in Schoenlein-Henoch purpura] Etzioni A, et al. **Harefuah** 1984 Dec 2;107(11):339-40 (Eng. Abstr.) **(Heb)**

[Generalized granuloma annulare] Friedman-Birnbaum R, et al. **Harefuah** 1984 Jun 15;106(12):557-9 (Eng. Abstr.) **(Heb)**

[Transient acantholytic dermatosis] Levy A, et al. **Harefuah** 1984 Jun 15;106(12):561-3 (Eng. Abstr.) **(Heb)**

[Study of cutaneous diabetic microangiopathy in a group of dermopathies correlated with diabetic disease] Binazzi M, et al. **G Ital Dermatol Venereol** 1984 Jan-Feb;119(1):57-61 (Eng. Abstr.) **(Ita)**

[Diagnosis of skin diseases in Negroes in Africa] Koźmińska-Kubarska A. **Pol Tyg Lek** 1984 Apr 23; 39(17):587-91 (10 ref.) **(Pol)**

[Biologically false results of serological tests for syphilis in persons with skin diseases treated at the Dermatological Clinic of the Medical Academy in Cracow 1979-1983] Starzycki Z. **Przegl Dermatol** 1985 Jan-Feb;72(1):59-64 (Eng. Abstr.) **(Pol)**

[Difficulties in the diagnosis of exclusively cutaneous sarcoidosis] Proenca NG, et al. **AMB** 1984 May-Jun; 30(5-6):101-4 (Eng. Abstr.) **(Por)**

[Correlations between skin and systemic angiitides] Ivanov OL. **Revmatologiia (Moskva)** 1985 Jan-Mar;(1):38-41 (Eng. Abstr.) **(Rus)**

[Scleroderma-like form of porphyria cutanea tarda] Fedorov SM, et al. **Vestn Dermatol Venerol** 1985 May;(5):47-9 (Eng. Abstr.) **(Rus)**

[Hepatoerythropoietic porphyria] Krivosheev BN. **Vestn Dermatol Venerol** 1985 May;(5):42-7 (Eng. Abstr.) **(Rus)**

[Diagnosis of paraneoplastic dermatoses] Shadyev KhK. **Vestn Dermatol Venerol** 1985 Jan;(1):18-20 (Eng. Abstr.) **(Rus)**

[Jessner-Kanof lymphocytic infiltration] Shakhnes IE, et al. **Vestn Dermatol Venerol** 1985 Feb;(2):66-8 (Eng. Abstr.) **(Rus)**

[Clinicobiologic profile of sarcoidosis. Analysis of 35 cases] Lorente JA, et al. **Rev Clin Esp** 1985 Feb;176(3):112-7 (Eng. Abstr.) **(Spa)**

DIET THERAPY

[Value of nutrition therapy in dermatology] Grosser V, et al. **Dermatol Monatsschr** 1984;170(5):302-10 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

Reiter's disease: successful treatment of the skin manifestations with oral etretinate. Benoldi D, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):352-4

Antinuclear antibodies appearing during PUVA therapy. Bruze M, et al. **Acta Derm Venereol (Stockh)** 1985; 65(1):31-6

Dinitrochlorbenzene (DNCB) treatment of viral warts. A 5-year follow-up study. Johansson E, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):529-33

Biochemical and clinical study of calcium pantetheine-S-sulfonate. Hayakawa R, et al. **Acta Vitaminol Enzymol** 1985;7(1-2):109-14

Intralesional triamcinolone for cutaneous palpebral sarcoidosis. Bersani TA, et al. **Am J Ophthalmol** 1985 May 15;99(5):561-2

Treatment of cutaneous abscess: a double-blind clinical study. Llera JL, et al. **Ann Emerg Med** 1985 Jan;14(1):15-9

Granuloma and pseudogranuloma of the skin due to Microsporum canis. Successful management with local injections of miconazole. Barson WJ. **Arch Dermatol** 1985 Jul;121(7):895-7

The use and abuse of immunosuppressive agents in dermatology [editorial] Bell I, et al. **Arch Dermatol** 1985 Feb;121(2):195-6

Topical antiandrogens. What use in dermatology? [editorial] Lucky AW. **Arch Dermatol** 1985 Jan;121(1):55-6

PUVA therapy in the treatment of skin lesions of the hypereosinophilic syndrome [letter] van den Hoogenband HM, et al. **Arch Dermatol** 1985 Apr;121(4):450

The effect of aromatic retinoid Ro 10-9359 (etretinate) on fingernail growth. Galosi A, et al. **Arch Dermatol Res** 1985; 277(2):138-40

Topical corticosteroids for skin disorders in infants and children. Keipert JA. **Aust Fam Physician** 1985 May; 14(5):392-7

Low-dose oral chloroquine in the treatment of porphyria cutanea tarda. Ashton RE, et al. **Br J Dermatol** 1984 Nov; 111(5):609-13

A sequential comparison of etretinate (Tigason) and isotretinoin (Roaccutane) with special regard to their effects on serum lipoproteins. Vahlquist C, et al. **Br J Dermatol** 1985 Jan;112(1):69-76

A case of eruptive keratoacanthoma treated by oral etretinate. Yoshikawa K, et al. **Br J Dermatol** 1985 May;112(5):579-83

Synthetic retinoids in dermatology. Heller EH, et al. **Can Med Assoc J** 1985 May 15;132(10):1129-36 (81 ref.)

Clinical use of vitamin A and its derivatives--physiological and pharmacological aspects. Vahlquist A. **Clin Exp Dermatol** 1985 Mar;10(2):133-43 (42 ref.)

Current developments of oral retinoid therapy with three generations of drugs. Non-aromatic, monoaromatic and polyaromatic retinoids (arotinoids). Orfanos CE, et al. **Curr Probl Dermatol** 1985;13:33-49 (50 ref.)

Resolution of disseminated granuloma annulare following isotretinoin therapy. Schleicher SM, et al. **Cutis** 1985 Aug; 36(2):147-8

Steatocystoma multiplex suppurativum: treatment with isotretinoin. Schwartz JL, et al. **Cutis** 1984 Aug; 34(2):149-50, 153

Etretinate therapy in children with severe keratinization defects. Traupe H, et al. **Eur J Pediatr** 1985 Jan; 143(3):166-9 (30 ref.)

Results of the clinical trials in France. Ghanassia JP. **G Ital Chemioter** 1982;29 Suppl 1:187-91

Clinical results obtained with a combination of an anti-inflammatory steroid, an antibacterial agent and an antifungal in dermatological outpatient practice. Pazzaglia A. **Int J Clin Pharmacol Ther Toxicol** 1985 Jul;23(7):367-72

Use of a combination of an anti-inflammatory steroid, an antibacterial agent and an antifungal in dermatological practice. Pellerano S. **Int J Clin Pharmacol Ther Toxicol** 1985 Apr;23(4):215-8

Thalidomide therapy for inflammatory dermatoses. Grosshans E, et al. **Int J Dermatol** 1984 Nov;23(9):598-602 (61 ref.)

Thalidomide therapy. An open trial. Naafs B, et al. **Int J Dermatol** 1985 Mar;24(2):131-4

Tripterygium in dermatologic therapy. Xu WY, et al. **Int J Dermatol** 1985 Apr;24(3):152-7 (37 ref.)

Ocular side effects of systemic therapy of cutaneous diseases. Sugar J. **Int Ophthalmol Clin** 1985 Spring;25(1):173-83

Dermatologic needs in drugs and instrumentation. Bickers DR, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 2):983-90

Retinoids: a review. Dicken CH. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):541-52 (94 ref.)

Histologic changes in the liver during etretinate treatment. Foged E, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):580-3

Grover's disease treated with isotretinoin. Report of four cases. Helfman RJ. **J Am Acad Dermatol** 1985 Jun; 12(6):981-4

Cytotoxic agents for use in dermatology. I. McDonald CJ. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):753-75 (114 ref.)

Use of cytotoxic drugs in dermatologic diseases. II. McDonald CJ. **J Am Acad Dermatol** 1985 Jun;12(6):965-75 (73 ref.)

The therapeutic efficacy of a xanthate compound on herpes simplex virus in skin lesions of mice and guinea-pigs. Amtmann E, et al. **J Gen Virol** 1985 Sep;66 (Pt 9):1953-60

Effect of captopril on transplanted schistosome egg granulomas in skin. Epstein WL, et al. **J Invest Dermatol** 1985 Sep;85(3):212-5

Retinoids and cancer [editorial] Pack GL. **J Invest Dermatol** 1985 Aug;85(2):87-8

Thalidomide in dermatology and leprosy [editorial] **Lancet** 1985 Jul 13;2(8446):80-1

Advances in the treatment of porphyria cutanea tarda. Effectiveness of slow subcutaneous desferrioxamine infusion. Gibertini P, et al. **Liver** 1984 Aug;4(4):280-4

Possibilities of liposomes as dynamic dosage form in dermatology. Westerhof W. **Med Hypotheses** 1985 Mar; 16(3):283-8

Topical ketoconazole in dermatology: a pharmacological and clinical review. Cauwenbergh GF, et al. **Mykosen** 1984 Aug;27(8):395-401 (13 ref.)

Treatment of plantar warts in children with a salicylic acid-podophyllin-cantharidin product. Coskey RJ. **Pediatr Dermatol** 1984 Jul;2(1):71-3

Systemic glucocorticosteroid therapy of skin disease in children. Fritz KA, et al. **Pediatr Dermatol** 1984 Jan; 1(3):236-45 (96 ref.)

Dermatologic uses of methotrexate in children: indications and guidelines. Paller AS. **Pediatr Dermatol** 1985 Mar; 2(3):238-43 (51 ref.)

Antimalarials--are they safe to use in children? Rasmussen JE. **Pediatr Dermatol** 1983 Jul;1(1):89-91 (24 ref.)

A comparative trial of desferrioxamine and hydroxychloroquine for treatment of porphyria cutanea tarda in alcoholic patients. Marchesi L, et al. **Photodermatol** 1984 Dec;1(6):286-92

Retinoids for skin disorders. Jones DH. **Practitioner** 1984 Nov;228(1397):1043-8

[Retinoids today] Lauharanta J. **Duodecim** 1985; 101(11):1109-20 **(Fin)**

[Isolated cutaneous Langerhans histiocytosis. Clinical and immunohistologic improvement after local application of nitrogen mustard] Thivolet J, et al. **Ann Dermatol Venereol** 1984;111(8):765-6 **(Fre)**

[A new cosmetic topical drug--clinico-pharmacological properties and potential use] Albrecht-Nebe H, et al. **Dermatol Monatsschr** 1985;171(5):335-8 (Eng. Abstr.) **(Ger)**

[Principles of systemic glucocorticoid therapy in dermatology] Haustein UF. **Dermatol Monatsschr** 1984; 170(12):733-42 (Eng. Abstr.) **(Ger)**

[Local therapy with corticoids] Schalla W. **Z Hautkr** 1985 Apr 1;60(7):609-18 **(Ger)**

[Indications and limits of anti-androgen therapy] Zaun H. **Z Hautkr** 1984 Aug 15;59(16):1090-7 (Eng. Abstr.) **(Ger)**

[Clobetasone butyrate, a topical steroid in geriatrics] Bonavita E, et al. **Clin Ter** 1985 Mar 15;112(5):423-8 (Eng. Abstr.) **(Ita)**

[Clinical evaluation of a preparation for topical use with a urea and allantoin base] Offidani AM, et al. **G Ital Dermatol Venereol** 1985 Jan-Feb;120(1):I-IV (Eng. Abstr.) **(Ita)**

[Clinical study of betamethasone dipropionate and iodochloroxyquinoline combination in the treatment of some dermatoses] Recchia G, et al. **G Ital Dermatol Venereol** 1984 Sep-Oct;119(5):IX-XII (Eng. Abstr.) **(Ita)**

[Preliminary report on the use of somatostatin in the treatment of external pancreatic fistula] Arcuri V, et al. **Minerva Chir** 1984 Apr 30;39(8):597-9 (Eng. Abstr.) **(Ita)**

[Clinical evaluation of the preparations Baycuten and Baycuten SD produced by Bayer] Polkowska M. **Przegl Dermatol** 1984 Sep-Oct;71(5):483-6 (Eng. Abstr.) **(Pol)**

[Clinico-immunological substantiation of the therapeutic effectiveness of delagil in porphyria cutanea tarda] Bidrat MS. **Vestn Dermatol Venerol** 1984 Oct;(10):20-3 (Eng. Abstr.) **(Rus)**

[Perspectives in the use of products of processing ether oil-yielding plants for the treatment of chronic dermatoses] Rodin IuA, et al. **Vestn Dermatol Venerol** 1984 Aug; (8):42-4 (Eng. Abstr.) **(Rus)**

[Principles of clinical testing of new dermatological preparations] Sheklakov ND, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):30-2 **(Rus)**

[Complications in treatment of patients with dermatoses]

Studnitsin AA. **Vestn Dermatol Venerol** 1985 Mar;(3):30–4 **(Rus)**

[Treatment of Sweet's syndrome using potassium iodate (letter)] Herrero C, et al. **Med Clin (Barc)** 1985 Feb 9; 84(5):209 **(Spa)**

ENZYMOLOGY

Serum lysozyme in patients with localized and generalized granuloma annulare. Padilla RS, et al. **Arch Dermatol** 1985 May;121(5):624–5

An unusual porphyrinuria precipitated by viraemia. Taylor GF, et al. **Australas J Dermatol** 1984 Dec;25(3):113–4

Reduced substrate affinity for human erythrocyte uroporphyrinogen decarboxylase constitutes the inherent biochemical defect in porphyria cutanea tarda. Mukerji SK, et al. **Biochem Biophys Res Commun** 1985 Mar 15; 127(2):517–25

Dual mechanism of inhibition of rat liver uroporphyrinogen decarboxylase activity by ferrous iron: its potential role in the genesis of porphyria cutanea tarda. Mukerji SK, et al. **Gastroenterology** 1984 Dec;87(6):1248–54

A review of the enzymic errors in the various porphyrias. Rimington C. **Scand J Clin Lab Invest** 1985 Jun; 45(4):291–301 (54 ref.)

Purification and properties of human erythrocyte uroporphyrinogen decarboxylase: immunological demonstration of the enzyme defect in porphyria cutanea tarda. Sassa S, et al. **Trans Assoc Am Physicians** 1983; 96:65–75

[Experimental porphyria induced by chlorinated hydrocarbons. Studies of porphyrinogen carboxy-lyase in the experimental model of human cutaneous delayed porphyria] Ríos de Molina MC, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(4):393–407 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Fistula formation following epidural catheter. A case report. Wanscher M, et al. **Acta Anaesthesiol Scand** 1985 Jul; 29(5):552–3

Sweet's syndrome in chronic lymphocytic leukemia. Mineo F, et al. **Acta Biomed Ateneo Parmense** 1984;55(3–4):197–8

Skin manifestations of tularemia: a study of 88 cases in northern Finland during 16 years (1967–1983). Syrjälä H, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):513–6

Acute febrile neutrophilic dermatosis and abnormal bone marrow chromosomes as a marker for preleukemia. Tikjøb G, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):177–9

Harmful effects of indoor tanning. Lichtenstein J, et al. **Am Fam Physician** 1985 Sep;32(3):142–6

Hemorrhagic panniculitis caused by atheromatous embolization. A case report and brief review. Day LL, et al. **Am J Dermatopathol** 1984 Oct;6(5):471–8

Cutaneous manifestations of drug abuse by parenteral injections. Rosen VJ. **Am J Dermatopathol** 1985 Feb; 7(1):79–83

Extramedullary hematopoiesis [letter] Levine LE, et al. **Arch Dermatol** 1984 Oct;120(10):1282

Annular skin lesions induced by chope (candle suction). A Southeast Asian folk medicine practice. Poitras JK, et al. **Arch Dermatol** 1984 Oct;120(10):1379–80

Lichen sclerosus et atrophicus following radiation therapy. Yates VM, et al. **Arch Dermatol** 1985 Aug;121(8):1044–7

Acute febrile neutrophilic dermatosis (Sweet's syndrome) associated with post-myocardial infarction syndrome (Dressler's syndrome). Rodriguez de la Serna A, et al. **Arch Intern Med** 1985 Aug;145(8):1522–4

Pharyngocutaneous fistulae following laryngectomy. Mendelsohn MS, et al. **Aust NZ J Surg** 1985 Apr; 55(2):177–9

Atypical thyroid dermopathy: clinical and immunological features of two cases. Chimini G, et al. **Boll Ist Sieroter Milan** 1984;63(6):546–52

A dermatosis associated with bacterial overgrowth in jejunal diverticula. Fairris GM, et al. **Br J Dermatol** 1985 Jun; 112(6):709–13

Cutaneous manifestations of Gaucher disease. Goldblatt J, et al. **Br J Dermatol** 1984 Sep;111(3):331–4

A case of sclerodermatomyositis with cutaneous amyloidosis. Orihara T, et al. **Br J Dermatol** 1985 Feb;112(2):213–9

Effects of radiant heat in fire fighting instructors. Stevenson CJ. **Br J Ind Med** 1985 Jan;42(1):67–8

Vasocutaneous fistula following scrotal injury. Yasumoto R, et al. **Br J Urol** 1984 Apr;56(2):222

Skin disease: the link with zinc [editorial] Savin JA. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1476–7

Necrotising tongue and skin lesions in temporal arteritis: follow up of a case with a possible iatrogenic factor. Siemssen SJ, et al. **Br Med J [Clin Res]** 1985 Mar 16; 290(6471):819–20

Safety of diagnostic ultrasonography [letter] Eisenberg E. **Can Med Assoc J** 1984 Nov 1;131(9):1014, 1016

Porphyria cutanea tarda and porphyria variegata unmasked by viral hepatitis. Coburn PR, et al. **Clin Exp Dermatol** 1985 Mar;10(2):169–73

Necrotizing cutaneous vasculitis occurring as an early feature of 'shunt nephritis'. Dodd HJ, et al. **Clin Exp Dermatol** 1985 May;10(3):284–7

Skin disease in homosexual patients with acquired immune deficiency syndrome (AIDS) and lesser forms of human T cell leukaemia virus (HTLV III) disease. Farthing CF, et al. **Clin Exp Dermatol** 1985 Jan;10(1):3–12

Leucocytoclastic vasculitis and angio-oedema associated with inflammatory bowel disease. Newton JA, et al. **Clin Exp Dermatol** 1984 Nov;9(6):618–23

Dermatosis of hairless rats fed a hypomagnesic diet--pathology and immunology. Chavaz P, et al. **Dermatologica** 1984;169(3):105–11

Diabetes mellitus and skin diseases in childhood. Montagnani A, et al. **Dermatologica** 1985;170(2):65–8

Unusual manifestations of Reiter's disease in a child. Sehgal VN, et al. **Dermatologica** 1985;170(2):77–9

Enterocutaneous fistulization due to Actinomyces odontolyticus. Report of a case. Klaaborg KE, et al. **Dis Colon Rectum** 1985 Jul;28(7):526–7

Spontaneous cavernopleurocutaneous fistula in pulmonary tuberculosis. Singh SK, et al. **Indian J Chest Dis Allied Sci** 1983 Oct–Dec;25(4):297–8

A colocutaneous fistula occurring 50 years after a shotgun injury. Swan KG, et al. **Injury** 1984 Nov;16(3):200–1

Observations on the site, size, shape, and arrangement of lesions in the human skin. Jackson R. **Int J Dermatol** 1984 Jul–Aug;23(6):370–5 (55 ref.)

Alcoholism and skin disease. Parish LC, et al. **Int J Dermatol** 1985 Jun;24(5):300–1

The skin and diabetes mellitus. Sibbald RG, et al. **Int J Dermatol** 1984 Nov;23(9):567–84 (174 ref.)

Alcohol and the skin. Witkowski JA. **Int J Dermatol** 1985 Jun;24(5):295

Oculocutaneous diseases. **Int Ophthalmol Clin** 1985 Spring; 25(1):1–192

Oculocutaneous manifestations of thyroid disease. Sergott RC. **Int Ophthalmol Clin** 1985 Spring;25(1):117–34

New insight into the causes of immunodeficiency disorders. Ammann AJ. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):653–60 (15 ref.)

Histologic and temperature alterations induced by skin refrigerants. Dzubow LM. **J Am Acad Dermatol** 1985 May; 12(5 Pt 1):796–810

Secondary syphilis presenting as a palisading granuloma. Green KM, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 2):957–60

The association of transient acantholytic dermatosis with other skin diseases. Grover RW, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):253–6

Calcinosis cutis resulting from percutaneous penetration and deposition of calcium. Wheeland RG, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):172–5

Lichen aureus [letter] Wilkin JK. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):124–5

Xanthoma tuberosum due to hypothyroidism. Lal S, et al. **J Assoc Physicians India** 1984 Aug;32(8):754–6

Cardiocutaneous fistula after left ventricular aneurysm repair. Case report and review of the literature. Deuvaert FE, et al. **J Cardiovasc Surg (Torino)** 1984 Nov–Dec;25(6):560–2 (6 ref.)

Electron microscopic observation of dyskeratotic cells in acquired zinc deficiency. Hanada K, et al. **J Dermatol (Tokyo)** 1984 Aug;11(4):322–7

Photoaggravation of acute febrile neutrophilic dermatosis (Sweet's syndrome). Horio T. **J Dermatol (Tokyo)** 1985 Apr;12(2):191–4

Calcification following heel sticks [letter] Leung A. **J Pediatr** 1985 Jan;106(1):168

Skin disorders and food allergy. Atherton DJ. **J R Soc Med** 1985;78 Suppl 5:7–10

Cutaneous granulomatous vasculitis: presenting feature of Crohn's disease. Slatter DN, et al. **J R Soc Med** 1985 Jul; 78(7):589–90

Colocutaneous fistula complicating Tenckhoff catheter placement for intraperitoneal chemotherapy. Wakefield T, et al. **J Surg Oncol** 1984 Nov;27(3):205–7

Cutaneous abnormalities in uremic patients. Bencini PL, et al. **Nephron** 1985;40(3):316–21

The glucagonoma syndrome [letter] Downey DJ, et al. **NZ Med J** 1984 Dec 12;97(769):869–71

Exposure to hot environments can cause dermatological problems. DiBenedetto JP, et al. **Occup Health Saf** 1985 Jan;54(1):35–8

Cutaneous manifestations of diabetes mellitus in children. Edidin DV. **Pediatr Dermatol** 1985 Mar;2(3):161–79 (156 ref.)

Twin transfusion syndrome causing cutaneous erythropoiesis. Schwartz JL, et al. **Pediatrics** 1984 Oct;74(4):527–9

Local skin complications of BCG vaccination. Verbov J. **Practitioner** 1984 Nov;228(1397):1069–71

Spontaneous cholecystocutaneous fistula. Abril A, et al. **South Med J** 1984 Sep;77(9):1192–3

Intrahepatic arterial aneurysm: treatment by ligation complicated by hepatic necrosis and biliary-cutaneous fistula. Medero M, et al. **South Med J** 1984 Dec; 77(12):1596–8

Angiokeratoma: a cause of scrotal bleeding. Parrotte DM. **South Med J** 1985 Apr;78(4):487–8

Ureterocutaneous fistulas secondary to urinary calculous disease. Goldwasser B, et al. **Urology** 1985 Jan;25(1):71–3

[A clinical study of psychosomatic cutaneous diseases] Chang CH, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Mar; 84(3):400–6 (Eng. Abstr.) **(Chi)**

[Sclerodermiform lesions in Lobstein's disease] Duterque M, et al. **Ann Dermatol Venereol** 1984;111(8):685–6 **(Fre)**

[Carcinoid syndrome with permanent skin manifestations] Mathieu A, et al. **Ann Dermatol Venereol** 1984;111(8):735–6 **(Fre)**

[Skin manifestations of disseminated intravascular coagulation] Sigal M, et al. **Ann Dermatol Venereol** 1984; 111(8):763–4 **(Fre)**

[Classification and pathogenesis of cutaneous paraneoplastic syndromes] Achten G, et al. **Ann Med Interne (Paris)** 1984; 135(8):646–53 (Eng. Abstr.) **(Fre)**

[Pseudoscleroderma and sclerodermiform states] Mauduit G, et al. **Ann Med Interne (Paris)** 1984;135(8):615–23 (Eng. Abstr.) **(Fre)**

[Principal muco-cutaneous aspects encountered in AIDS] Picard O, et al. **Rev Fr Transfus Immunohematol** 1984 Sep; 27(4):427–36 (Eng. Abstr.) **(Fre)**

[Dermatoses specific to pregnancy] De Raeve L, et al. **Rev Med Brux** 1985 Jan;6(1):3–6 (Eng. Abstr.) **(Fre)**

[Skin manifestations associated with digestive tract diseases] Mérot Y, et al. **Rev Med Suisse Romande** 1985 Apr; 105(4):283–94 **(Fre)**

[Causes and prevention of nonspecific digestive fistulas. I. General considerations] Mosimann F. **Schweiz Rundsch Med Prax** 1984 Nov 20;73(47):1459–60 (Eng. Abstr.) **(Fre)**

[Causes and prevention of nonspecific digestive fistulas. II. Special considerations] Mosimann F, et al. **Schweiz Rundsch Med Prax** 1984 Nov 20;73(47):1461–4 (45 ref.) (Eng. Abstr.) **(Fre)**

[Cutaneous artefactual disease. A survey with case examples] Cadotsch A, et al. **Schweiz Rundsch Med Prax** 1984 Oct 9;73(41):1235–41 (Eng. Abstr.) **(Ger)**

[The thyroid gland, the parathyroid gland and the skin] Hornstein OP. **Z Hautkr** 1984 Sep 1;59(17):1125–6, 1129–32, 1137–43 (Eng. Abstr.) **(Ger)**

[Diabetes mellitus and skin diseases] Rassner G, et al. **Z Hautkr** 1984 Oct 1;59(19):1325–6, 1329–33 (31 ref.) (Eng. Abstr.) **(Ger)**

[Rheumatic diseases with skin manifestations: connective tissue metabolism and immune mechanisms (basic research and clinical aspects). Vienna, 26–28 April 1984. Symposium] **Z Rheumatol** 1984;43 Suppl 1:1–55 **(Ger)**

[Cutaneous lesions in chronic alcoholic patients] Macri F, et al. **G Ital Dermatol Venereol** 1985 Jan–Feb;120(1):47–51 (Eng. Abstr.) **(Ita)**

[Lymphocutaneous fistula of the popliteal fossa following a varicose operation] Garlid JM, et al. **Tidsskr Nor Laegeforen** 1984 Sep 20;104(26):1815 (Eng. Abstr.) **(Nor)**

[Acute intermittent porphyria--current concepts] Latala-Otrebska Z. **Pol Tyg Lek** 1984 Oct 1–8; 39(40–41):1349–53 (16 ref.) **(Pol)**

[Case of cholecystocutaneous fistula] Kulicki M. **Wiad Lek** 1984 Jun 15;37(12):955–7 (Eng. Abstr.) **(Pol)**

[Skin manifestations in non-specific inflammatory diseases of the intestines] Areias E, et al. **Acta Med Port** 1984 Jun; 5(6):189–92 (47 ref.) (Eng. Abstr.) **(Por)**

[Anorectal complications of Crohn's disease] Kirkin BV, et al. **Sov Med** 1984;(12):94–8 **(Rus)**

[Dermatological aspects of diabetes mellitus] Shcherbak AV. **Sov Med** 1985;(2):29–33 (50 ref.) **(Rus)**

[Current aspects of the pathogenesis and therapy of granuloma annulare and necrobiosis lipoidica] Shaposhnikov OK, et al. **Vestn Dermatol Venerol** 1985 May; (5):4–8 (Eng. Abstr.) **(Rus)**

[Histamine and serotonin participation in the genesis of diseases with connective and epithelial tissue lesions] Skripkin IuK, et al. **Vestn Dermatol Venerol** 1985 Jan; (1):9–12 (Eng. Abstr.) **(Rus)**

[Cutaneous periarteritis nodosa associated with anti-HBcAg (letter)] Grífol M, et al. **Med Clin (Barc)** 1985 Jun 8; 85(2):80–1 **(Spa)**

[Chronic renal insufficiency and porphyria: contributions apropos of a case] Rico Sánchez J, et al. **Med Clin (Barc)** 1984 Dec 1;83(18):762–5 (Eng. Abstr.) **(Spa)**

[Cutaneous manifestations of the malabsorption syndrome] Bianchi CA, et al. **Med Cutan Iber Lat Am** 1984; 12(3):227–35 (21 ref.) (Eng. Abstr.) **(Spa)**

[Post-phlebitis cutaneous calcinosis. Histochemical study] Bosch RJ, et al. **Med Cutan Ibero Lat Am** 1985;13(1):77–80 (Eng. Abstr.) **(Spa)**

[Subcorneal pustulosis and benign monoclonal gammopathy. Favorable response to treatment with etretinate] Palomo Arellano A, et al. **Rev Clin Esp** 1985 May;176(9):476–8 (Eng. Abstr.) **(Spa)**

[Reno-cutaneous-duodenal fistula] Saiz Carrero A, et al. **Rev Esp Enferm Apar Dig** 1985 Mar;67(3):281–4 (Eng. Abstr.) **(Spa)**

[Giant gastrocutaneous fistula] Juárez F, et al. **Rev Invest Clin** 1985 Jan–Mar;37(1):39–42 (Eng. Abstr.) **(Spa)**

[Hodgkin's disease with cutaneous fistulization of the adenopathies (letter)] Ribera JM, et al. **Sangre (Barc)** 1985; 30(1):61–2 **(Spa)**

[Skin symptoms as a sign of internal organ diseases] Zachariae H. **Nord Med** 1985;100(2):46–50 (Eng. Abstr.) **(Swe)**

FAMILIAL & GENETIC

HLA-DR-antigen bearing keratinocytes in various dermatologic disorders. Smolle J. **Acta Derm Venereol (Stockh)** 1985;65(1):9–13

Kindler syndrome in two related Kurdish families. Hacham-Zadeh S, et al. **Am J Med Genet** 1985 Jan; 20(1):43–8

New syndrome: exostoses, anetodermia, brachydactyly. Mollica F, et al **Am J Med Genet** 1984 Dec;19(4):665-7

Skin peeling syndrome in a Kurdish family. Hacham-Zadeh S, et al. **Arch Dermatol** 1985 Apr;121(4):545-6

Increased natural killer cell activity in patients with epidermodysplasia verruciformis. Kamiński M, et al. **Arch Dermatol** 1985 Jan;121(1):84-6

Dyskeratosis congenita with macular cutaneous amyloid deposits. Llistosella E, et al. **Arch Dermatol** 1984 Oct; 120(10):1381-2

The genetic basis of porphyria cutanea tarda. Enriquez de Salamanca R, et al. **Arch Dermatol Res** 1985;277(1):8-12

Porphyria cutanea tarda in a seven year old child. Rogers M, et al. **Australas J Dermatol** 1984 Dec;25(3):107-12

Marrow transplantation for pancytopenia in dyskeratosis congenita. Mahmoud HK, et al. **Blut** 1985 Jul;51(1):57-60

Six cases of malignant atrophic papulosis (Degos' disease) occurring in one family. Kisch LS, et al. **Br J Dermatol** 1984 Oct;111(4):469-71

Familial primary cutaneous amyloidosis. Newton JA, et al. **Br J Dermatol** 1985 Feb;112(2):201-8

An Irish family with variegate porphyria. McGrath H, et al. **Clin Exp Dermatol** 1984 Nov;9(6):583-90

Non-dermatological complications and genetic aspects of the Rothmund-Thomson syndrome. Starr DG, et al. **Clin Genet** 1985 Jan;27(1):102-4

New aspects of porphyrias. Mascaro JM, et al. **Curr Probl Dermatol** 1985;13:11-32 (68 ref.)

Porphyria cutanea tarda in beta-thalassemia trait carriers. Gibertini P, et al. **Dermatologica** 1984;169(3):131-4

Assignment of two Japanese xeroderma pigmentosum patients to complementation group D and their characteristics. Fujiwara Y, et al. **Gann** 1985 Mar; 76(3):162-6

Porphyria cutanea tarda and HLA-linked hemochromatosis. Elder GH. **Gastroenterology** 1985 May;88(5 Pt 1):1276-9

Heterozygosity for HLA-linked hemochromatosis as a likely cause of the hepatic siderosis associated with sporadic porphyria cutanea tarda. Kushner JP, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1232-8

Palmar dermatoglyphics in genodermatoses studied in a skin clinic. Premalatha S. **Indian J Dermatol** 1984 Jan;29(1):21-2

Pachyonychia congenita. Sivasundram A, et al. **Int J Dermatol** 1985 Apr;24(3):179-80

[Porphyria variegata with clinical manifestations in the first days of life] Zeman J, et al. **Cesk Pediatr** 1985 Jan; 40(1):8-11 (Eng. Abstr.) **(Cze)**

[Rothmund's syndrome] Bechelli LM, et al. **Ann Dermatol Venereol** 1984;111(8):667-8 **(Fre)**

[Early forms of porphyria cutanea tarda. Apropos of 2 cases with a study of familial enzymatic deficiency and definition of the mode of genetic transmission] Herrero C, et al. **Ann Dermatol Venereol** 1984;111(11):973-8 (Eng. Abstr.) **(Fre)**

[Hepato-erythrocytic porphyria in 2 female twins] Sfar Z, et al. **Ann Dermatol Venereol** 1985;112(5):453-6 **(Fre)**

[Favre-Racouchot syndrome (élastéidose cutanée nodulaire à kystes et à comédons)--father and son and its hereditary pathogenesis] Iwahori Y, et al. **Nippon Hifuka Gakkai Zasshi** 1985 May;95(6):669-74 **(Jpn)**

[Familial study of porphyria variegata through its presentation in an adolescent] Guijarro-Merino R, et al. **Med Clin (Barc)** 1984 Jun 23;83(4):160-3 (Eng. Abstr.) **(Spa)**

HISTORY

Modern textbooks of dermatopathology and acantholysis of Auspitz [letter] King DF. **J Am Acad Dermatol** 1984 Aug; 11(2 Pt 1):301-3

Sarcoidosis--the beginning: historical highlights of personalities and their accomplishments during the early years. Young RC Jr, et al. **J Natl Med Assoc** 1984 Sep; 76(9):887-96

IMMUNOLOGY

Naturally occurring T lymphocytotoxic antibody in viral and related skin diseases. Hosokawa H, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):275-80

Activation of the alternative complement pathway by 405 nm light in serum from porphyric rat. Torinuki W, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):367-72

A monoclonal antibody labelling the keratinocyte membrane: a marker of epidermal differentiation. Viac J, et al. **Acta Derm Venereol (Stockh)** 1985;65(1):1-8

Immunological abnormalities in massive cutaneous hyalinosis. Maury CP, et al. **Acta Med Scand** 1985;217(3):331-6

Massive cutaneous hyalinosis. Identification of the hyalin material as monoclonal kappa light chains, adhesive 90 kD glycoprotein, and type I collagen. Maury CP, et al. **Am J Clin Pathol** 1984 Nov;82(5):543-51

Cell-surface carbohydrates in proliferative epidermal lesions. Distribution of A, B, and H blood group antigens in benign and malignant lesions. Schaumburg-Lever G, et al. **Am J Dermatopathol** 1984 Dec;6(6):583-9

Lymphomatoid papulosis. A cutaneous proliferation of activated helper T cells expressing Hodgkin's disease-associated antigens. Kadin M, et al. **Am J Pathol** 1985 May;119(2):315-25

Diagnosis and management of skin disorders caused by food allergy. Atherton DJ. **Ann Allergy** 1984 Dec;53(6 Pt 2):623-8 (14 ref.)

High doses of antigen-nonspecific IgG do not inhibit pemphigus acantholysis in skin organ cultures. Hunziker T, et al. **Arch Dermatol Res** 1985;277(4):299-303

Activation of complement by 405-nm light in serum from porphyria cutanea tarda. Torinuki W, et al. **Arch Dermatol Res** 1985;277(3):174-8

HLA-DR antigen expression on the keratinocyte surface in dermatoses characterized by lymphocytic exocytosis (e.g. pityriasis rosea). Aiba S, et al. **Br J Dermatol** 1984 Sep; 111(3):285-94

Keratinocyte class II histocompatibility antigen expression [letter] Nickoloff BJ, et al. **Br J Dermatol** 1985 Mar; 112(3):373-4

Characterization of benign cutaneous lymphocytic infiltrates by monoclonal antibodies. Ralfkiaer E, et al. **Br J Dermatol** 1984 Dec;111(6):635-45

Histocompatibility antigens (HLA) in dermatology. Rowell NR. **Br J Dermatol** 1984 Sep;111(3):347-57 (90 ref.)

Immunohistological aspects of cutaneous T-cell infiltrates. Thivolet J. **Br J Dermatol** 1985 Jul;113 Suppl 28:1

HLA antigens in lichen sclerosus et atrophicus [letter] Holt PJ, et al. **Clin Exp Dermatol** 1985 Mar;10(2):182-3

IgM class antibodies to intercellular substance in massive cutaneous hyalinosis: occurrence and relation to antigluten and antihyalin antibodies. Maury CP, et al. **Clin Immunol Immunopathol** 1985 Jan;34(1):130-4

Cutaneous symptoms in primary immunodeficiencies. Saurat JH, et al. **Curr Probl Dermatol** 1985;13:50-91 (109 ref.)

Identification of HLA antigens in familial and non-familial epidermodysplasia verruciformis. Wojtulewicz-Kurkus J, et al. **Dermatologica** 1985;170(2):53-8

Selective depression of the C4 component of complement: evidence for an association with genetic deficiency of C4 and dermatologic diseases. Gell J, et al. **Diagn Immunol** 1983;1(1):49-55

Eczematous and immunologic diseases. Gigli I, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 2):948-56 (48 ref.)

Antibodies to Merkel cells in human sera. Incidence and significance. Mérot Y, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):568-75

Activation of the complement system in patients with porphyrias after irradiation in vivo. Lim HW, et al. **J Clin Invest** 1984 Dec;74(6):1961-5

Cutaneous immunobiology. Proceedings of the 34th annual symposium on the biology of the skin. **J Invest Dermatol** 1985 Jul;85(1 Suppl):1S-182S

Human cutaneous graft-versus-host disease. Farmer ER. **J Invest Dermatol** 1985 Jul;85(1 Suppl):124s-128s

Histologic distribution of staining by a monoclonal antibody (psi-3) in psoriasis and occurrence of psi-3 antigen in other cutaneous diseases. Strefling AM, et al. **J Invest Dermatol** 1985 Feb;84(2):100-4

Immunoreactive uroporphyrinogen decarboxylase in the liver in porphyria cutanea tarda. Elder GH, et al. **Lancet** 1985 Aug 3;2(8449):229-33

Epidermodysplasia verruciformis in a setting of common variable immunodeficiency. Goldes JA, et al. **Pediatr Dermatol** 1984 Oct;2(2):136-9

Abnormal polymorphonuclear leukocyte motility in dermatologic diseases. Harvath L. **Pediatr Dermatol** 1983 Jul;1(1):35-42 (57 ref.)

Immunopathologic demonstration of T lymphocyte subpopulations and interleukin 2 in granuloma annulare. Modlin RL, et al. **Pediatr Dermatol** 1984 Jul;2(1):26-32

HLA-A3 and -B7 in porphyria cutanea tarda. Kuntz BM, et al. **Tissue Antigens** 1984 Jul;24(1):67-9

[Local immune response in stomach and duodenal juice in various chronic dermatoses] Somos S, et al. **Dermatol Monatsschr** 1984;170(5):311-6 (Eng. Abstr.) **(Ger)**

[Antibodies to so-called extractable antigens in dermatologic auto-immune diseases] Sönnichsen N, et al. **Dermatol Monatsschr** 1984;170(10):652-3 **(Ger)**

[The HLA system and porphyria cutanea tarda] Köstler E, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(2):95-100 (Eng. Abstr.) **(Ger)**

[The 'unspecific' immune state in skin diseases with special reference to microphage functions] Djawari D, et al. **Z Hautkr** 1985 Apr 15;60(8):628, 633-4, 637-8 passim (Eng. Abstr.) **(Ger)**

[NK activity in various skin diseases] Hattori A, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jul;94(8):945-7 **(Jpn)**

METABOLISM

Evolution of foam cells in subcutaneous rabbit carrageenan granulomas. II. Tissue and macrophage lipid composition. Kelley JL, et al. **Am J Pathol** 1985 Sep;120(3):391-401

Filaggrin distribution in keratoacanthomas and squamous cell carcinoma. Klein-Szanto AJ, et al. **Arch Pathol Lab Med** 1984 Nov;108(11):888-90

Generation of leukotrienes from normal epidermis and their demonstration in cutaneous disease. Rosenbach T, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:157-67

Chemical components of jelly-like matrix in digital mucous cyst. Nishimura M, et al. **Clin Exp Dermatol** 1985 Mar; 10(2):116-20

Protoporphyrin metabolic balance in human protoporphyria. Poh-Fitzpatrick MB. **Gastroenterology** 1985 May;88(5 Pt 1):1239-42

Disorders of transepidermal elimination. Part 1. Woo TY, et al. **Int J Dermatol** 1985 Jun;24(5):267-79

Alpha 1-antitrypsin and lysozyme in fibrous papules and angiofibromas. Kwan TH, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):99-101

Demonstration of elastin gene expression in human skin fibroblast cultures and reduced tropoelastin production by cells from a patient with atrophoderma. Giro MG, et al. **J Clin Invest** 1985 Feb;75(2):672-8

The use of improved ruthenium red staining for the ultrastructural detection of proteoglycan aggregates in normal skin and lichen myxoedematosus. Ishii M, et al. **J Cutan Pathol** 1984 Aug;11(4):292-5

A porphyria cutanea tarda-like distribution pattern of porphyrins in plasma, hemodialysate, hemofiltrate, and urine of patients on chronic hemodialysis. Seubert S, et al. **J Invest Dermatol** 1985 Aug;85(2):107-9

[Laron's syndrome with clinical appearance of the so-called Michelin baby] de Prost Y, et al. **Ann Dermatol Venereol** 1984;111(8):751-2 **(Fre)**

[Epidermal prostaglandins and their significance] Förster W. **Dermatol Monatsschr** 1984;170(5):293-301 (Eng. Abstr.) **(Ger)**

[Immunopathological studies on cutaneous amyloidosis: observations on interaction of amyloid substances, the dermo-epidermal junction and infiltrates in the dermis] Kaneko F, et al. **Nippon Hifuka Gakkai Zasshi** 1984 May; 94(6):701-6 **(Jpn)**

[Study on amyloid deposited in the skin of a patient with amyloidosis cutis nodularis atrophicans] Masuda C, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Dec;94(14):1577-81 **(Jpn)**

[Trial designing of special electrodes for the in vivo measurement of the hydration state of stratum corneum of dry skin lesions] Tokudome Y, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Oct;94(11):1247-51 **(Jpn)**

[Prostaglandins in various diseases in children and adolescents] Markov KhM. **Vestn Akad Med Nauk SSSR** 1985;(6):13-8 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

[Correlations between culture findings of Candida albicans in the digestive tract and the antibody titers of indirect Candida immunofluorescence] Kühn G. **Mykosen** 1985 Jul; 28(7):342-54 (Eng. Abstr.) **(Ger)**

[Mycological and clinical study of 102 cases of dermatosis] Wanke NC, et al. **Med Cutan Ibero Lat Am** 1984; 12(6):483-7 (Eng. Abstr.) **(Spa)**

OCCURRENCE

Skin diseases encountered in a pediatric clinic. A one-year prospective study. Hayden GF. **Am J Dis Child** 1985 Jan; 139(1):36-8

The childhood health effects of an improved water supply system on a remote Panamanian island. Ryder RW, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):921-4

Morbidity during the preschool years. Fergusson DM, et al. **Aust Paediatr J** 1984 Nov;20(4):281-7

Anatomy of a dermatology practice—a year's experience on Kauai. Elpern DJ. **Hawaii Med J** 1984 Aug;43(8):260, 262, 264 passim

Influence of age and sex on the skin diseases prevalent amongst school children in Surat District, (Gujarat). Bhavsar BS, et al. **Indian J Med Sci** 1984 Mar;38(3):51-4

Pediatric skin disease in Pakistan. A study of three Punjab villages. Porter MJ, et al. **Int J Dermatol** 1984 Nov; 23(9):613-6

Prevalence, morbidity, and cost of dermatologic diseases. Johnson ML, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 2):930-6

Erythropoietic protoporphyria: a first case report in Thailand and family study. Sunthonpalin P, et al. **J Med Assoc Thai** 1985 Apr;68(4):205-11

Pattern of skin disease in Karachi. Haroon TS. **JPMA** 1985 Mar;35(3):73-8

A statistical analysis of a pediatric dermatology clinic. Schachner L, et al. **Pediatr Dermatol** 1983 Oct;1(2):157-64

A survey of skin disorders seen in pediatric general and dermatology clinics. Tunnessen WW Jr. **Pediatr Dermatol** 1984 Jan;1(3):219-22

Sarcoidosis in the West African. A report of eight Nigerian patients with cutaneous lesions. Jacyk WK. **Trop Geogr Med** 1984 Sep;36(3):231-6

[Clinical course of chronic dermatoses in the European North] Khilkov VA. **Vestn Dermatol Venerol** 1985 Feb; (2):30-4 (Eng. Abstr.) **(Rus)**

[Epidemiology of skin sarcoidosis in the area of Zrenjanin] Belić D, et al. **Plucne Bolesti** 1984 Jan-Jun;36(1-2):88-90 (Eng. Abstr.) **(Scr)**

PATHOLOGY

The ultrastructural observation of a case of lymphomatoid papulosis. Horiguchi Y, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):308-15

Diffuse fasciitis with eosinophilia associated with morphea and lichen sclerosus et atrophicus. Mensing H, et al. **Acta Derm Venereol (Stockh)** 1985;65(1):80-3

More about spongiosis. Ackerman AB. **Am J Dermatopathol** 1984 Oct;6(5):419-20

Is papular acantholytic dyskeratosis of the vulva a new entity? Chorzelski TP, et al. **Am J Dermatopathol** 1984 Dec;

6(6):557-60

Franjo Kogoj and the spongiform pustule. Holubar K. **Am J Dermatopathol** 1985 Apr;7(2):191-5

Spiral-shaped and spherical bodies within blood vessels in dermatosis eosinophilica. Kudejko J, et al. **Am J Dermatopathol** 1984 Oct;6(5):461-3

Demonstration in situ of subsets of T-lymphocytes in sarcoidosis. Modlin RL, et al. **Am J Dermatopathol** 1984 Oct;6(5):423-7

Granulomatous slack skin. Balus L, et al. **Arch Dermatol** 1985 Feb;121(2):250-2

Septal granulomatous panniculitis in Sweet's syndrome. Report of two cases. Blaustein A, et al. **Arch Dermatol** 1985 Jun;121(6):785-8

Lichen nitidus with plasma cell infiltrate. Eisen RF, et al. **Arch Dermatol** 1985 Sep;121(9):1193-4

Sweet's syndrome in subacute cutaneous lupus erythematosus. Goette DK. **Arch Dermatol** 1985 Jun;121(6):789-91

Subcutaneous fat necrosis of the newborn. Katz DA, et al. **Arch Dermatol** 1984 Nov;120(11):1517-8

Verruciform xanthoma of the scrotum. Kimura S. **Arch Dermatol** 1984 Oct;120(10):1378-9

Immunodiagnosis in dermatopathology [editorial] Murphy GF. **Arch Dermatol** 1985 Jun;121(6):731-3

Fibronectin. Localization in normal human skin, granulation tissue, hypertrophic scar, mature scar, progressive systemic sclerotic skin, and other fibrosing dermatoses. Nagata H, et al. **Arch Dermatol** 1985 Aug;121(8):995-9

Pathology quiz case 1: eruptive xanthoma (associated with type 5 hyperlipoproteinemia). Pistone GA. **Arch Dermatol** 1984 Oct;120(10):1366-8

Ulcerating papulosquamous eruption and constipation in a 75-year-old man. Rivera MA, et al. **Arch Dermatol** 1985 May;121(5):674-8

Clinical and histopathologic spectrum of necrotizing vasculitis. Report of findings in 101 cases. Sanchez NP, et al. **Arch Dermatol** 1985 Feb;121(2):220-4

Papular xanthoma. A clinical, histologic, and ultrastructural study. Sanchez RL, et al. **Arch Dermatol** 1985 May;121(5):626-31

Proliferation of melanocytes in keratoacanthoma [letter] Sanchez-Yus E, et al. **Arch Dermatol** 1985 Aug;121(8):968-9

Pathology quiz case 2. Bowenoid papulosis (BP). Steinman HK. **Arch Dermatol** 1984 Nov;120(11):1508-9, 1511

Monoclonal antibody studies in the skin lesions of patients with anetoderma. Venencie PY, et al. **Arch Dermatol** 1985 Jun;121(6):747-9

Lymphomatoid papulosis. Development into cutaneous T-cell lymphoma. Wantzin GL, et al. **Arch Dermatol** 1985 Jun;121(6):792-4

Amyloid elastosis. A new cutaneous and systemic pattern of amyloidosis. Winkelmann RK, et al. **Arch Dermatol** 1985 Apr;121(4):498-502

The acquired cutaneous mucinoses. Matsuoka LY, et al. **Arch Intern Med** 1984 Oct;144(10):1974-80

Persistent cutaneous lymphoid hyperplasia of the face with conjunctival involvement. Duray PH, et al. **Arch Ophthalmol** 1985 Apr;103(4):555-7

Clinical dermatology: an exercise in gross dermatopathology. Kwittken J. **Ariz Med** 1985 Jul;42(7):404-6

Relapsing linear acantholytic dermatosis. Vakilzadeh F, et al. **Br J Dermatol** 1985 Mar;112(3):349-55

Spontaneous simultaneous internal and external biliary fistulae. Reed MW, et al. **Br J Surg** 1985 Jul;72(7):538

Cutaneous vasculitis. Ryan TJ, et al. **Curr Top Pathol** 1985;74:57-102 (98 ref.)

Changes in epidermal cell proliferation in proliferative skin disease. Wright NA. **Curr Top Pathol** 1985;74:141-66 (162 ref.)

How may one learn clinical dermatology through dermatohistopathology? Ackerman AB. **Cutis** 1985 Mar;35(3):232-3

Transient acantholytic dermatosis occurring during pregnancy. Levy A, et al. **Cutis** 1985 Jan;35(1):73-4

The spectrum of cutaneous pseudomalignancy. Sina B. **Cutis** 1984 Oct;34(4):381-4

Clinical and histologic findings in Degos' syndrome (malignant atrophic papulosis). Su WP, et al. **Cutis** 1985 Feb;35(2):131-8

A morphologic study of lymphadenosis benigna cutis. Geerts ML, et al. **Dermatologica** 1985;170(3):121-7

Micropapular sarcoidosis simulating lichen nitidus. Okamoto H, et al. **Dermatologica** 1985;170(5):253-5

Keratoacanthoma centrifugum marginatum versus low-grade squamous cell carcinoma. Peteiro MC, et al. **Dermatologica** 1985;170(5):221-4

A case of epidermodysplasia verruciformis (Lewandowsky-Lutz, 1922) with skin cancer: histopathology of malignant cutaneous changes. Tanigaki T, et al. **Dermatologica** 1984;169(2):97-101

The utility of shave biopsy in office practice. Teraoka JK, et al. **Hawaii Med J** 1984 Aug;43(8):278, 280

Eosinophil infiltration in keratoacanthoma and squamous cell carcinoma of the skin. Lowe D, et al. **Histopathology** 1984 Jul;8(4):619-25

Pathology of granulomatous diseases. Foreign body granulomas. Hirsh BC, et al. **Int J Dermatol** 1984 Oct;23(8):531-8 (36 ref.)

Pathology of granulomatous diseases. Mixed inflammatory granulomas. Hirsh BC, et al. **Int J Dermatol** 1984 Nov;23(9):585-97 (39 ref.)

An unusual presentation of histiocytosis X. Pareek SS, et al. **Int J Dermatol** 1985 Mar;24(2):126-8

Idiopathic atrophoderma of Pasini and Pierini. Pullara TJ, et al. **Int J Dermatol** 1984 Dec;23(10):643-5 (19 ref.)

In vitro studies on dermal granulomas of human leprosy--cellular characteristics. Narayanan RB, et al. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):39-44

Cutaneous horn (cornu cutaneum). Baruchin A, et al. **Int J Tissue React** 1984;6(4):355-7

Immunohistochemical studies of selected skin diseases and tumors using monoclonal antibodies to neurofilament and myelin proteins. Aso M, et al. **J Am Acad Dermatol** 1985 Jul;13(1):37-42

Heterogeneity of dermal OKT6+ cells in inflammatory and neoplastic skin diseases. Berti E, et al. **J Am Acad Dermatol** 1985 Mar;12(3):507-14

Sclerodermoid changes of porphyria cutanea tarda: possible relationship to urinary uroporphyrin levels. Friedman SJ, et al. **J Am Acad Dermatol** 1985 Jul;13(1):70-4

Hypopigmented lesions in sarcoidosis [letter] Hall RS, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1163-4

Cutaneous graft-versus-host reaction: prognostic features seen by light microscopy. Hymes SR, et al. **J Am Acad Dermatol** 1985 Mar;12(3):468-74

The epidermal basement membrane zone--structure, ontogeny, and role in disease. Katz SI. **J Am Acad Dermatol** 1984 Dec;11(6):1025-37

Modern textbooks of dermatopathology and acantholysis of Auspitz [letter] King DF. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):301-3

Cutaneous horns of the penis: an approach to management. Case report and review of the literature. Lowe FC, et al. **J Am Acad Dermatol** 1985 Aug;13(2 Pt 2):369-73

Immunoperoxidase methods and advances in skin biology. Penneys NS. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):284-90 (45 ref.)

Immunohistochemical studies in lymphocytic infiltration of the skin (Jessner) and discoid lupus erythematosus. A comparative study. Willemze R, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):832-40

Cutaneous polyarteritis nodosa: report of case and literature review. Avedisian R, et al. **J Am Osteopath Assoc** 1985 Feb;85(2):93-6

Practical skin pathology course. London, England, July 7-10, 1985. **J Cutan Pathol** 1985 Jun-Aug;12(3-4):172-387

Molluscum contagiosum occurring in an epidermoid cyst. Aloi FG, et al. **J Cutan Pathol** 1985 Apr;12(2):163-5

Pseudo-carcinomatous hyperplasia. Civatte J. **J Cutan Pathol** 1985 Jun-Aug;12(3-4):214-23

Collagen diseases. Golitz LE. **J Cutan Pathol** 1985 Jun-Aug;12(3-4):358-65

Colloid milium: a final degeneration product of actinic elastoid. Hashimoto K, et al. **J Cutan Pathol** 1985 Apr;12(2):147-56

Diseases of amyloid, colloid, and hyalin. Hashimoto K. **J Cutan Pathol** 1985 Jun-Aug;12(3-4):322-33

High melanosome engulfing activity of cutaneous fibroblasts in macular amyloidosis: an electron microscopic study. Ishii M, et al. **J Cutan Pathol** 1984 Dec;11(6):476-84

Necrobiotic granulomas. Johnson WC. **J Cutan Pathol** 1985 Jun-Aug;12(3-4):289-99

Proliferating trichilemmal cyst: an ultrastructural study. Miyairi H, et al. **J Cutan Pathol** 1984 Aug;11(4):274-81

Actinic granuloma. An ultrastructural study of two cases. Moreno A, et al. **J Cutan Pathol** 1984 Jun;11(3):179-83

Trichilemmal horn. Peteiro MC, et al. **J Cutan Pathol** 1984 Aug;11(4):326-8

Eosinophils in the cellular infiltrate of granuloma annulare. Silverman RA, et al. **J Cutan Pathol** 1985 Feb;12(1):13-7

Cutaneous mucinous deposits. Steigleder GK, et al. **J Cutan Pathol** 1985 Jun-Aug;12(3-4):334-47

Intimate structural association of amyloid and elastic fibers in systemic and cutaneous amyloidoses. Yanagihara M, et al. **J Cutan Pathol** 1985 Apr;12(2):110-6

Tumor Conference 56. Localized cutaneous nodular amyloidosis. [clinical conference] Bart RS, et al. **J Dermatol Surg Oncol** 1985 Jun;11(6):582-4

Sarcoidosis with xanthomatous and necrobiotic changes: a case report. Fujii Y, et al. **J Dermatol (Tokyo)** 1984 Oct;11(5):493-6

Lymphocytoma cutis with meningeal involvement. Bhattacharyya K. **J Indian Med Assoc** 1984 Jun;82(6):210-1

Ascher's syndrome. Sengupta P, et al. **J Indian Med Assoc** 1985 Jan;83(1):20-1

Monoclonal antikeratin antibody: production, characterization, and immunohistochemical application. Eto H, et al. **J Invest Dermatol** 1985 May;84(5):404-9

Cutaneous sarcoidosis in Thailand: a case report. Tasanapradit P, et al. **J Med Assoc Thai** 1984 Jul;67(7):437-41

Angiolymphoid hyperplasia with eosinophils: a clinical-pathological conference. Eisenberg E, et al. **J Oral Pathol** 1985 Mar;14(3):216-23

Lymphomatoid vasculitis. Price ML, et al. **J R Soc Med** 1984 Oct;77(10):887-9

Lymphomatoid papulosis with possible progression to lymphoma: T-cell subpopulations as prognostic indicators. Shaw M, et al. **J R Soc Med** 1984;77 Suppl 4:9-11

Lymphomatoid granulomatosis presenting as polyarthritis. Bergin C, et al. **J Rheumatol** 1984 Aug;11(4):537-9

Penile horns: report of 2 cases. Willscher MK, et al. **J Urol** 1984 Dec;132(6):1192-3

Pure cutaneous histiocytosis X of the vulva. Rose PG, et al. **Obstet Gynecol** 1984 Oct;64(4):587-90

Spontaneous regression of congenital cutaneous histiocytosis X: report of a case with discussion of nosology and pathogenesis. Dehner LP, et al. **Pediatr Pathol** 1983 Jan-Mar;1(1):99-106

Case 5. Histiocytosis X involving the skin. Jaffe R. **Pediatr Pathol** 1984;2(3):353-7

Common childhood rashes. A problem-oriented approach. Weston WL. **Primary Care** 1984 Sep;11(3):469-83

Primary subcutaneous abscess due to Streptococcus pneumoniae. Gleich S. **South Med J** 1984 Dec;77(12):1602-3

[715 cases of primary cutaneous amyloidosis] Qiu BS. **Chung Hua I Hsueh Tsa Chih** 1984 Sep;64(9):554-7 (Eng. Abstr.) **(Chi)**

[Gaucheroid structures in macrophages in lipomelanic reticulosis] Bednář B. **Cesk Patol** 1985 Feb;21(1):5-7 (Eng. Abstr.) **(Cze)**

[Aspects and contribution of the collaboration between plastic surgery and anatomo-pathology] Wechsler J. **Ann Chir Plast Esthet** 1984;29(4):330-8 (Eng. Abstr.) **(Fre)**

[Skin manifestations of the Rosai-Dorfman syndrome] Avril MF, et al. **Ann Dermatol Venereol** 1984;111(8):661-2 **(Fre)**

[Cogan's syndrome] Bodemer C, et al. **Ann Dermatol Venereol** 1984;111(8):673-4 **(Fre)**

[Collagenous papules of the external ear. Micropapular hyalinosis of the external ear with transepithelial elimination. Relation to primary localized cutaneous amyloidosis] Dupré A, et al. **Ann Dermatol Venereol** 1984;111(10):913-7 (Eng. Abstr.) **(Fre)**

[Besnier-Boeck-Schaumann disease: multiple sarcoids on areas exposed to light] Goujon C, et al. **Ann Dermatol Venereol** 1984;111(9):815-7 **(Fre)**

[Perforating purpura] Reymond JL, et al. **Ann Dermatol Venereol** 1985;112(2):159-62 **(Fre)**

[Mycosis fungoides and lymphomatoid papulosis] Wallach D, et al. **Ann Dermatol Venereol** 1984;111(8):773-4 **(Fre)**

[Cutaneous paraneoplastic syndromes] Barrière H. **Ann Med Interne (Paris)** 1984;135(8):662-8 (Eng. Abstr.) **(Fre)**

[Palpebral cutaneous localizations of sarcoidosis] Dufier JL, et al. **J Fr Ophtalmol** 1984;7(10):623-4 **(Fre)**

[Electron microscopic diagnosis in dermatology] Klug H. **Dermatol Monatsschr** 1985;171(2):73-84 (Eng. Abstr.) **(Ger)**

[Clinical contribution to the picture of idiopathic progressive atrophoderma of Pierini-Pasini] Thiel W, et al. **Dermatol Monatsschr** 1985;171(3):185-91 (Eng. Abstr.) **(Ger)**

[Lichen aureus] Büchner SA. **Dermatologica** 1984;169(4):169-71 (Eng. Abstr.) **(Ger)**

[Unilateral nevoid telangiectasis syndrome] Labohm EB, et al. **Hautarzt** 1985 Feb;36(2):107-8 (Eng. Abstr.) **(Ger)**

[Idiopathic progressive atrophoderma of Pasini-Pierini with the presence of antinuclear antibodies] Wokalek H, et al. **Hautarzt** 1985 Mar;36(3):154-60 (Eng. Abstr.) **(Ger)**

[Skin manifestations in sinus histiocytosis with massive lymphadenopathy (Rosai-Dorfman syndrome)] Biess B, et al. **Z Hautkr** 1985 Jan;60(1-2):219-28 (Eng. Abstr.) **(Ger)**

[Transient acantholytic dermatosis (Grover)] Korom I, et al. **Z Hautkr** 1984 Jun 1;59(11):750, 755-8 (Eng. Abstr.) **(Ger)**

[Livedo racemosa generalisata. Clinical aspects and histopathology of obliterating arteriolopathy with CNS involvement] Marsch WC, et al. **Z Hautkr** 1985 Jun 1;60(11):873-4 (Eng. Abstr.) **(Ger)**

[Histological technics in dermatology] Smolle J. **Z Hautkr** 1984 Aug 1;59(15):990-1004 (Eng. Abstr.) **(Ger)**

[Erythema dyschromicum perstans (ashy dermatosis)] Kapu E, et al. **Orv Hetil** 1984 Sep 9;125(37):2245-9 (Eng. Abstr.) **(Hun)**

[Sarcoidosis with transepidermal elimination] Bundino S, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec;119(6):415-6 (Eng. Abstr.) **(Ita)**

[Lewandoswsky and Lutz epidermodysplasia verruciformis] Offidani AM, et al. **G Ital Dermatol Venereol** 1984 Sep-Oct;119(5):333-6 (Eng. Abstr.) **(Ita)**

[Lichen aureus] Pippione M, et al. **G Ital Dermatol Venereol** 1985 Jan-Feb;120(1):65-6 (Eng. Abstr.) **(Ita)**

[Use of the alkaline osmium-iodide technic on cutaneous pigmentary lesions] Trevisan G, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec;119(6):417-20 (Eng. Abstr.) **(Ita)**

[Multiple juvenile xanthogranulomas: histologic and ultrastructural study of 2 cases] Valente M, et al. **Pathologica** 1984 May-Jun;76(1043):333-40 (Eng. Abstr.) **(Ita)**

[A case of allergic granulomatosis (Churg-Strauss) and statistical observation on cases in Japan] Orihara T, et al. **Nippon Hifuka Gakkai Zasshi** 1984 May;94(6):707-16 **(Jpn)**

[Peculiarities of pediatric dermatology in Africa] Koźmińska-Kubarska A, et al. **Pol Tyg Lek** 1985 Jan 14;40(2):57-61 (Eng. Abstr.) **(Pol)**

[Genuine cutaneous amyloidosis. Natural course] Porto JA.

Med Cutan Ibero Lat Am 1985;13(1):1-3 (Eng. Abstr.) **(Por)**

[Langerhans cells--their structure, function and pathological role] Persina IS. **Arkh Patol** 1985;47(2):86-93 (53 ref.) (Eng. Abstr.) **(Rus)**

[Papular pseudosyphilis of the anal area in men] Il'in II. **Vestn Dermatol Venerol** 1985 Apr;(4):65-8 (Eng. Abstr.) **(Rus)**

[Sweet's syndrome (acute febrile neutrophilic dermatosis)] Kalamkarian AA, et al. **Vestn Dermatol Venerol** 1985 Jun;(6):7-9 (Eng. Abstr.) **(Rus)**

[Some comments about Sweet's syndrome (letter)] Ferrándiz Foraster C, et al. **Med Clin (Barc)** 1985 Jan 19;84(2):78 **(Spa)**

[Granuloma annulare disseminatum. In a 16-month-old child] Pereira P, et al. **Med Cutan Ibero Lat Am** 1984;12(5):442-5 (Eng. Abstr.) **(Spa)**

[Clinico-morphologic correlation in 12 cases of hepatocutaneous porphyria tarda] Lozano Gutiérrez F, et al. **Rev Esp Enferm Apar Dig** 1984 Aug;66(2):142-50 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

The muscle pump function in chronic venous insufficiency: plethysmographic results. Aelvoet G, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):428-30

The function and morphology of the liver in porphyria cutanea tarda. Ostrowski J, et al. **Ann Clin Res** 1984;16(4):195-200

The cutaneous amyloidoses. Pathogenesis and therapy. Breathnack SM. **Arch Dermatol** 1985 Apr;121(4):470-5 (77 ref.)

The epidermal basement membrane: structure, ontogeny and role in disease. Katz SI. **Ciba Found Symp** 1984;108:243-59 (23 ref.)

Arachidonic acid and leukotrienes in clinical dermatology. Kragballe K, et al. **Curr Probl Dermatol** 1985;13:1-10

Aging. Gilchrest BA. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 2):995-7

[Preliminary results of a prospective study of microcirculatory disorders in alcoholic fibro-cirrhosis. Relation to hyperestrogenism] Janbon C, et al. **J Mal Vasc** 1985;10 Suppl A:173-5 (Eng. Abstr.) **(Fre)**

[Dermatoses and pregnancy] Sfar Z. **Tunis Med** 1984 Nov;62(7):531-4 (Eng. Abstr.) **(Fre)**

[Left ventricular function in subjects with porphyria cutanea tarda] Iarussi D, et al. **Boll Soc Ital Cardiol** 1984 Jul-Aug;29(7-8):387-94 (Eng. Abstr.) **(Ita)**

[Left ventricular function in porphyria cutanea tarda] Iarussi D, et al. **Cardiologia** 1984 Jul-Aug;29(7-8):387-94 (Eng. Abstr.) **(Ita)**

PREVENTION & CONTROL

Histological assessment of skin damage by irritants: its possible use in the evaluation of a 'barrier cream'. Mahmoud G, et al. **Contact Dermatitis** 1984 Sep;11(3):179-85

Prevention of skin disease. Weary PE. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 2):1022-4

Acantholysis produced in vitro with pemphigus serum: hydrocortisone inhibits acantholysis, while dapsone and 6-mercaptopurine do not inhibit acantholysis. Jeffes EW 3d, et al. **J Clin Immunol** 1984 Sep;4(5):359-63

Porphyrin photosensitization and carotenoid protection in mice; in vitro and in vivo studies. Mathews-Roth MM. **Photochem Photobiol** 1984 Jul;40(1):63-7

[Quality of dispensarization of patients with dermatoses in relation to the forms of medical services] Berenbein BA, et al. **Vestn Dermatol Venerol** 1985 May;(5):21-4 (Eng. Abstr.) **(Rus)**

PSYCHOLOGY

The dysmorphic syndrome. Koblenzer CS. **Arch Dermatol** 1985 Jun;121(6):780-4

Another aspect of contrived disease: 'dermatitis simulata'. King CM, et al. **Cutis** 1984 Nov;34(5):463-4

Dermatological pathomimicry: a form of patient maladjustment. Millard LG. **Lancet** 1984 Oct 27;2(8409):969-71

Self-destructive dermatoses. Doran AR, et al. **Psychiatr Clin North Am** 1985 Jun;8(2):291-8 (48 ref.)

Skin disease and handicap: an analysis of the impact of skin conditions. Jowett S, et al. **Soc Sci Med** 1985;20(4):425-9

[Borderline structure and painful skin hemorrhages: a case of Gardner-Diamond syndrome] Plassmann R. **Z Psychosom Med Psychoanal** 1985;31(2):118-28 (Eng. Abstr.) **(Ger)**

[Use of hemosorption in psychoneurological disorders of somatic origin] Churkin EA. **Ter Arkh** 1984;56(11):137-9 (35 ref.) **(Rus)**

[Clinical manifestations and treatment of dermatosis delirium] Korolev IuF. **Vestn Dermatol Venerol** 1984 Oct;(10):39-43 (Eng. Abstr.) **(Rus)**

[Psychoemotional status of dermatological patients and urgent problems of deontological tactics] Skripkin IuK, et al. **Vestn Dermatol Venerol** 1984 Nov;(11):37-41 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

[Circumscribed and diffuse skin thickening (peau d'orange) of the female breast] Skaane P, et al. **ROFO** 1985 Aug;143(2):212-9 (Eng. Abstr.) **(Ger)**

RADIONUCLIDE IMAGING

Skin uptake of Gallium 67 in cutaneous sarcoidosis. Huisman PM, et al. **Acta Derm Venereol (Stockh)** 1985;65(3):243-7

Uptake of indium-111-labeled leukocytes in a cutaneo-cecal-vaginal fistula. Case report. Abdel-Nabi H, et al. **Clin Nucl Med** 1984 Dec;9(12):732-3

[Gallium citrate (Ga 67) scintigraphy in sarcoidosis. 3 cases (with cutaneous manifestations)] Guillet G, et al. **Ann Dermatol Venereol** 1984;111(11):1023-7 **(Fre)**

RADIOTHERAPY

UV-B phototherapy. An overview. Anderson TF, et al. **Arch Dermatol** 1984 Nov;120(11):1502-7 (73 ref.)

Advances in laser skin surgery for vascular lesions. Keller GS, et al. **Arch Otolaryngol** 1985 Jul;111(7):437-40

Control of connective tissue metabolism by lasers: recent developments and future prospects. Abergel RP, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1142-50

UV suppression of mast cell-mediated wealing in human skin. Gollhausen R, et al. **Photodermatol** 1985 Apr;2(2):58-67

REHABILITATION

Camouflage therapy. Downie M. **Australas J Dermatol** 1984 Aug;25(2):89-91

SURGERY

Efficacy of the carbon dioxide laser in hand surgery. Apfelberg DB, et al. **Ann Plast Surg** 1984 Oct;13(4):320-6

Steatocystoma multiplex: a case report. Kalus R, et al. **Ann Plast Surg** 1984 Sep;13(3):230-3

Cosmetic (?) surgery [letter] Chernosky ME. **Arch Dermatol** 1984 Oct;120(10):1279

Argon laser therapy for cutaneous lesions. Craig RD, et al. **Br J Plast Surg** 1985 Apr;38(2):148-55

Management of chronic perineal sinuses by wide excision and split-thickness skin grafting. McLeod RS, et al. **Can J Surg** 1985 Jul;28(4):315-6, 318

Disfiguring lupus pernio successfully treated with plastic surgery. Shaw M, et al. **Clin Exp Dermatol** 1984 Nov;9(6):614-7

Cryoanesthesia and electrosurgical treatment of benign skin tumors. Spiller WF, et al. **Cutis** 1985 Jun;35(6):551-2

Use of a combination of an anti-inflammatory corticosteroid, an antibacterial agent and an antifungal in the local post-operative treatment of cutaneo-mucosal diseases following cryosurgery. Gini M. **Int J Clin Pharmacol Ther Toxicol** 1985 Jul;23(7):373-5

Extraoral sinus and its management. A clinical study. Sharma JK, et al. **Int J Oral Surg** 1985 Aug;14(4):346-9

Sterilization and care of surgical instruments and supplies. Sebben JE. **J Am Acad Dermatol** 1984 Sep;11(3):381-92

Effect of freezing the helix and the rim or edge of the human and pig ear. Burge SM, et al. **J Dermatol Surg Oncol** 1984 Oct;10(10):816-9

Adjunctive surgical management of cutaneous Mycobacterium fortuitum infection. Madjar DD Jr, et al. **J Dermatol Surg Oncol** 1985 Jul;11(7):708-12

Cutaneous cryosurgery: current state of the art. Torre D. **J Dermatol Surg Oncol** 1985 Mar;11(3):292-3

Closure of pharyngocutaneous fistulae with the rhomboid flap. Parnes SM, et al. **Laryngoscope** 1985 Feb;95(2):224-5

Cutaneous cryosurgery. Roenigk RK. **Minn Med** 1984 Nov;67(11):617-21

The use of lasers in dermatology. Cotterill JA. **Practitioner** 1984 Nov;228(1397):1033-8

Argon laser skin surgery. Dolsky RL. **Surg Clin North Am** 1984 Oct;64(5):861-70

Cutaneous plastic surgery with the CO2 laser. Kirschner RA. **Surg Clin North Am** 1984 Oct;64(5):871-83

Lasers and cutaneous medicine. Barnett JH. **Wis Med J** 1984 Sep;83(9):19

[Experience in the treatment of 255 cases of external intestinal fistula] Li JS. **Chung Hua I Hsueh Tsa Chih** 1984 Nov;64(11):686-8 **(Chi)**

[Mentosternal fistula--apropos of a case] Lardenet J, et al. **J Fr Otorhinolaryngol** 1984 Oct;33(8):418-9 (Eng. Abstr.) **(Fre)**

[Lasers in dermatology] Rotteleur G, et al. **Presse Med** 1985 Apr 6;14(14):784-8 (Eng. Abstr.) **(Fre)**

[Basic instruments for dermato-surgical procedures] Behl K, et al. **Dermatol Monatsschr** 1984;170(9):598-9 (Eng. Abstr.) **(Ger)**

[The place of surgery in enterocutaneous fistulas] Akovbiantz A, et al. **Schweiz Rundsch Med Prax** 1984 Nov 20;73(47):1465-9 (Eng. Abstr.) **(Ger)**

[The use of lasers in medicine with special reference to dermatology] Fürnsinn G. **Wien Klin Wochenschr** 1985 Jun 21;97(13):545-50 (Eng. Abstr.) **(Ger)**

[Removal of atheromas from the face] Presniakov II. **Khirurgiia (Mosk)** 1985 Mar;(3):109 **(Rus)**

[Liquid nitrogen cryotherapy in dermatology] Orlova LA. **Vestn Dermatol Venerol** 1984 Aug;(8):58-60 (Eng. Abstr.) **(Rus)**

THERAPY

Dermatology patients and their doctors. Jowett S, et al. **Clin Exp Dermatol** 1985 May;10(3):246-54

Treatment of a biliocutaneous fistula by endoscopic insertion of a nasobiliary tube. Burmeister W, et al. **Gastrointest Endosc** 1985 Aug;31(4):279-81

The treatment of high enterocutaneous fistula with surgical drainage and total parenteral nutrition. Harju E, et al. **Int Surg** 1985 Jan-Mar;70(1):33-8

Multiple keratoacanthomas [letter] Alexander JO, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):376-7

Response of warts in epidermodysplasia verruciformis to treatment with systemic and intralesional alpha interferon. Androphy EJ, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):197-202

Dermatologic therapy: December 1983 through November 1984. Coskey RJ. **J Am Acad Dermatol** 1985 Jun;12(6):1045-71 (207 ref.)

Epidermodysplasia verruciformis: clinical regression and increased cellular immunity induced by OK 432 treatment. Yambe H, et al. **J Dermatol (Tokyo)** 1985 Apr;12(2):183-90

Renal artery embolization to control urinary cutaneous fistula after partial resection of a horseshoe kidney. Freeman MP, et al. **J Urol** 1985 Apr;133(4):662-3

Use of suction to treat soft tissue injected with liquid silicone. Zandi I. **Plast Reconstr Surg** 1985 Aug;76(2):307-9

A practical approach to wound care in patients with complex enterocutaneous fistulas. Hollis HW Jr, et al. **Surg Gynecol Obstet** 1985 Aug;161(2):178-80

[Past and current possibilities with UV light in physiotherapy] De Cuyper H. **Acta Belg Med Phys** 1985 Jan-Mar;8(1):35-9 (Eng. Abstr.) **(Dut)**

[Phototherapy] Jansén C. **Duodecim** 1985;101(11):1121-34 **(Fin)**

[Plasma exchange in dermatology] Roujeau JC. **Presse Med** 1984 Oct 27;13(38):2299-301 **(Fre)**

[Parenteral nutrition is enterocutaneous fistulas. Indications and feasibility] Leutenegger AF. **Schweiz Rundsch Med Prax** 1984 Nov 20;73(47):1433-6 (Eng. Abstr.) **(Ger)**

[Value and tasks of dermatology in internal military medicine] Fischbeck R. **Z Gesamte Inn Med** 1985 Jan 15;40(2):56-8 (Eng. Abstr.) **(Ger)**

[Postoperative duodeno-cutaneous fistula in an infant: conservative treatment, total parenteral nutrition] Ridolfi L, et al. **Pediatr Med Chir** 1984 May-Jun;6(3):457-8 (Eng. Abstr.) **(Ita)**

[Complex treatment of patients with unilateral and linear dermatoses using laser acupuncture] Faradzhev ZG, et al. **Vestn Dermatol Venerol** 1984 Dec;(12):17-21 (Eng. Abstr.) **(Rus)**

[Dispensary service to patients with dermatoses at the present stage] Fedorovskaia RF, et al. **Vestn Dermatol Venerol** 1985 Mar;(3):34-8 (Eng. Abstr.) **(Rus)**

[Use of plasmapheresis in dermatology] Gadzhiev RG, et al. **Vestn Dermatol Venerol** 1985 Jun;(6):40-4 (Eng. Abstr.) **(Rus)**

[Functional state of the vegetative nervous system and skin in patients with dermatoses during balneopeloidotherapy] Grebennikov VA, et al. **Vestn Dermatol Venerol** 1985 Mar;(3):43-7 (Eng. Abstr.) **(Rus)**

[Current problems in the selection of dermatological patients for sanatorium-health resort treatment] Mar'iasis ED, et al. **Vestn Dermatol Venerol** 1984 Sep;(9):36-9 (Eng. Abstr.) **(Rus)**

[Therapeutic gymnastics, massage and self-massage in dermatological practice] Anton'ev AA, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May-Jun;(3):34-7 (Eng. Abstr.) **(Rus)**

URINE

Sclerodermoid changes of porphyria cutanea tarda: possible relationship to urinary uroporphyrin levels. Friedman SJ, et al. **J Am Acad Dermatol** 1985 Jul;13(1):70-4

Urinary porphyrins in liver disease. Ostrowski J, et al. **Scand J Gastroenterol** 1984 Sep;19(6):862-6

VETERINARY

Development of an artificial infection technique for examining the susceptibility of sheep to Dermatophilus congolensis. Gherardi SG, et al. **Aust Vet J** 1984 Sep;61(9):304

Teat skin lesions and mastitis. Francis PG. **Br Vet J** 1984 Sep-Oct;140(5):430-6

A mild form of ovine dermatosparaxis. Ramshaw JA. **Coll Relat Res** 1984 Dec;4(6):441-51

A morphologic study of a mild form of ovine dermatosparaxis. Bavinton JH, et al. **J Invest Dermatol** 1985 May;84(5):391-5

Morphologic characteristics of the skin of bald mutant rats. Inazu M, et al. **Lab Anim Sci** 1984 Dec;34(6):584-7

Feline dermatology. Kunkle GA. **Vet Clin North Am [Small Anim Pract]** 1984 Sep;14(5):1065-87 (68 ref.)

The longevity of immunoglobulin preservation in canine skin utilizing Michel's fixative. Ihrke PJ, et al. **Vet Immunol Immunopathol** 1985 Jun;9(2):161-70

Identification and characteristics of staphylococci isolated from lesions and normal skin of horses. Devriese LA, et al. **Vet Microbiol** 1985 Apr;10(3):269-77

[Dermatosparaxis in a foal and a cow--a rare disease?] Witzig P, et al. **Schweiz Arch Tierheilkd** 1984 Nov;126(11):589-96 (Eng. Abstr.) **(Ger)**

[Nutrition and skin diseases in the horse] Meyer H.

Tierarztl Prax 1984;12(4):493–8 (Eng. Abstr.) **(Ger)**

[Experimentally induced skin changes in tortoises by high parenteral doses of vitamin A] Palmer DG, et al. **Zentralbl Veterinarmed [A]** 1984 Sep;31(8):625–33 (Eng. Abstr.) **(Ger)**

SKIN DISEASES, BULLOUS

Chronic bullous dermatosis of childhood. Wright S, et al. **Cent Afr J Med** 1984 Sep;30(9):165–9

Bullous dermatoses. Bean SF, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1151–9

Herpes gestationis. A report of two cases. Starks GC. **J Reprod Med** 1984 Jul;29(7):493–5

Herpes gestationis with transient bullous lesions in the newborn. Bonifazi E, et al. **Pediatr Dermatol** 1984 Jan; 1(3):215–8

Management of young children with recurrent herpes simplex skin lesions in special education programs. Blackman JA, et al. **Pediatr Infect Dis** 1985 May–Jun;4(3):221–4

Benign chronic bullous disease of childhood in an Indian child. Lever RS, et al. **Scott Med J** 1985 Apr;30(2):114–6

CHEMICALLY INDUCED

Generalized pustular psoriasis provoked by propranolol. Hu CH, et al. **Arch Dermatol** 1985 Oct;121(10):1326–7

Lichen planus pemphigoides-like lesions induced by cinnarizine. Miyagawa S, et al. **Br J Dermatol** 1985 May; 112(5):607–13

Combined features of pemphigus and pemphigoid induced by penicillamine. Velthuis PJ, et al. **Br J Dermatol** 1985 May;112(5):615–9

Generalized pustular dermatosis caused by isoniazid [letter] Yamasaki R, et al. **Br J Dermatol** 1985 Apr;112(4):504–6

Pustular reactions to hexafluorosilicate in foam rubber. Dooms-Goossens A, et al. **Contact Dermatitis** 1985 Jan; 12(1):42–7

Pseudoporphyria due to naproxen [letter] Howard AM, et al. **Lancet** 1985 Apr 6;1(8432):819–20

UVA photosensitivity in photosensitive bullous disease of chronic renal failure. Anderson CD, et al. **Photodermatol** 1985 Apr;2(2):111–4

COMPLICATIONS

Bullous pemphigoid and malignancy: relationship to indirect immunofluorescent findings. Venencie PY, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):316–9

Membranous nephropathy associated with primary biliary cirrhosis and bullous pemphigoid. Singhal PC, et al. **Ann Allergy** 1985 Sep;55(3):484–5

Prolonged pruritus and bullous pemphigoid. Bingham EA, et al. **Clin Exp Dermatol** 1984 Nov;9(6):564–70

Subcorneal pustular dermatosis and IgA myeloma. Dal Tio R, et al. **Dermatologica** 1985;170(5):240–3

Occurrence of cicatricial pemphigoid and leiomyosarcoma in a psoriatic patient. David M, et al. **Dermatologica** 1985; 170(5):256–9

Multiple sclerosis and bullous pemphigoid. Simjee S, et al. **Dermatologica** 1985;170(2):86–9

Intestinal lymphocytic lymphoma with monoclonal IgM gammopathy and bullous dermatitis. Leone G, et al. **Haematologica (Pavia)** 1984 Nov–Dec;69(6):707–14

Bullous diseases. Anhalt GJ, et al. **Int Ophthalmol Clin** 1985 Spring;25(1):37–59

Ophthalmological manifestations of adult rheumatoid arthritis and cicatricial pemphigoid. Gardner KM, et al. **Int Ophthalmol Clin** 1985 Spring;25(1):1–35

Increased frequency of diabetes mellitus in patients with bullous pemphigoid: a case-control study. Chuang TY, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1099–102

Pustulosis palmaris et plantaris: its association with chronic recurrent multifocal osteomyelitis. Paller AS, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 2):927–30

Evidence that anti-basement membrane zone antibodies in bullous eruption of systemic lupus erythematosus recognize epidermolysis bullosa acquisita autoantigen. Gammon WR, et al. **J Invest Dermatol** 1985 Jun;84(6):472–6

Oesophageal stenosis caused by benign mucous membrane pemphigoïd in a patient with an inactive rheumatoïd arthritis. Cytryn E, et al. **ROFO** 1985 Apr;142(4):469–70

Skin diseases and the dry eye. Leonard JN, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 4):467–76

[A patient with cicatricial parapemphigus of the larynx and hypopharynx] Knegt P, et al. **Ned Tijdschr Geneeskd** 1984 Sep 1;128(35):1659–61 (Eng. Abstr.) **(Dut)**

[Eosinophilic cellulitis] Zachary CB, et al. **Ann Dermatol Venereol** 1984;111(8):777–8 **(Fre)**

[Subcorneal pustulosis and monoclonal gammapathies] Wallach D. **Ann Med Interne (Paris)** 1984;135(8):672–6 (Eng. Abstr.) **(Fre)**

[Bullous pemphigoid in a patient with psoriasis] Weltfriend S, et al. **Harefuah** 1983 Oct 16;105(8):218–9 (Eng. Abstr.) **(Heb)**

[Psoriasis and pemphigoid] Barba A, et al. **G Ital Dermatol Venereol** 1985 Jan–Feb;120(1):75–7 (Eng. Abstr.) **(Ita)**

[Lichen planus pemphigoid. Clinical, histologic, immunologic study] Giannetti A, et al. **G Ital Dermatol Venereol** 1984 Nov–Dec;119(6):371–2 (Eng. Abstr.) **(Ita)**

[Psoriasis and bullous pemphigoid. Presentation of 2 cases] Mozzanica N, et al. **G Ital Dermatol Venereol** 1985 May–Jun;120(3):189–92 (Eng. Abstr.) **(Ita)**

[Sweet's syndrome: unusual associations. Apropos of 2 cases] Domingo P, et al. **Med Clin (Barc)** 1984 Jun 30;83(5):205–8 (Eng. Abstr.) **(Spa)**

CONGENITAL

Congenital erosive and vesicular dermatosis healing with reticulated supple scarring. Cohen BA, et al. **Arch Dermatol** 1985 Mar;121(3):361–7

Bullous congenital ichthyosiform erythroderma masquerading as dystrophic epidermolysis bullosa. Hashimoto K, et al. **J Cutan Pathol** 1985 Apr;12(2):130–41

[Neonatal acropustulosis, congenital cutaneous candidiasis] Cosnes A, et al. **Ann Dermatol Venereol** 1984;111(8):683–4 **(Fre)**

DIAGNOSIS

Pitfalls in the diagnosis of pemphigus vulgaris (early pemphigus vulgaris with features of bullous pemphigoid). Smolle J, et al. **Am J Dermatopathol** 1984 Oct;6(5):429–35

Cicatricial pemphigoid of the vulva [letter] Ridley CM. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):916–7

Benign mucous membrane (cicatricial) pemphigoid revisited: a clinical and immunological reappraisal. Williams DM, et al. **Br Dent J** 1984 Nov 10;157(9):313–6

Nikolsky's or Pseudo-Nikolsky's sign in bullous pemphigoid [letter] Grunwald MH, et al. **Int J Dermatol** 1984 Nov; 23(9):629

Infantile acropustulosis [letter] Lucky AW, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):894

Effect of anatomic region on immunofluorescence diagnosis of bullous pemphigoid. Weigand DA. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):274–8

Intraepidermal bullous diseases. Farmer ER. **J Cutan Pathol** 1985 Jun–Aug;12(3–4):313–5

Subepidermal bullous diseases. Farmer ER. **J Cutan Pathol** 1985 Jun–Aug;12(3–4):316–21

Diagnosis of bullous disease and studies in the pathogenesis of blister formation using immunopathological techniques. Razzaque Ahmed A. **J Cutan Pathol** 1984 Aug;11(4):237–48 (45 ref.)

Bullous mastocytosis: diffuse cutaneous mastocytosis with extensive blisters mimicking scalded skin syndrome or erythema multiforme. Golitz LE, et al. **Pediatr Dermatol** 1984 Apr;1(4):288–94

[A rapid diagnostic test (Tzanck test) to exclude herpesvirus infections in vesicles, blisters and pustules] Folkers E, et al. **Ned Tijdschr Geneeskd** 1985 Feb 9;129(6):241–3 **(Dut)**

[A patient with Sweet's syndrome] Rampen FH, et al. **Ned Tijdschr Geneeskd** 1984 Sep 29;128(39):1846–8 (Eng. Abstr.) **(Dut)**

[Photodermatitis bullosa generalisata] Ippen H. **Derm Beruf Umwelt** 1984;32(4):134–7 (Eng. Abstr.) **(Ger)**

[Allergic dermatoses. 6. Bullous allergic exanthemas] Marghescu S. **Fortschr Med** 1984 Aug 30; 102(31–32):799–801 **(Ger)**

[Localized bullous pemphigoid] Maciejewski W, et al. **Hautarzt** 1984 Oct;35(10):543–5 (Eng. Abstr.) **(Ger)**

[Linear IgA bullous dermatitis (LABD) in the light of the latest studies] Lutowiecka-Wranicz A, et al. **Przegl Dermatol** 1984 Mar–Apr;71(2):97–101 (Eng. Abstr.) **(Pol)**

[Catamnesis in patients with bullous and cicatricial pemphigoid] Golousenko IIu. **Vestn Dermatol Venerol** 1985 Feb;(2):42–5 (Eng. Abstr.) **(Rus)**

[Childhood benign chronic bullous dermatosis. Differential diagnosis with dermatitis herpetiformis and bullous pemphigoid] Casanova JM, et al. **An Esp Pediatr** 1985 Jan; 22(1):37–42 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Dapsone for the treatment of bullous pemphigoid. Piamphongsant T. **Asian Pac J Allergy Immunol** 1983 Jun; 1(1):19–21

The effect of etretinate compared with different regimens of PUVA in the treatment of persistent palmoplantar pustulosis. Lassus A, et al. **Br J Dermatol** 1985 Apr; 112(4):455–9

Ritodrine therapy associated with remission of pemphigoid gestationis [letter] Macdonald KJ, et al. **Br J Dermatol** 1984 Nov;111(5):630

13-cis-retinoic acid for dyskeratinizing diseases--clinicopathological responses. Risch J, et al. **Clin Exp Dermatol** 1984 Sep;9(5):472–83

Kaposi's sarcoma after immunosuppressive therapy for bullous pemphigoid. Scaparro E, et al. **Dermatologica** 1984; 169(3):156–9

Effects of cyclosporin on bullous pemphigoid and pemphigus [letter] Thivolet J, et al. **Lancet** 1985 Feb 9;1(8424):334–5

Modified topical steroid therapy for the treatment of oral mucous membrane pemphigoid. Aufdemorte TB, et al. **Oral Surg Oral Med Oral Pathol** 1985 Mar;59(3):256–60

The course of chronic bullous disease of childhood. Surbrugg SK, et al. **Pediatr Dermatol** 1985 Mar;2(3):213–5

[Treatment of bullous pemphigoid with prednisolone only: 0.75 mg/kg/day versus 1.25 mg/kg/day. A multicenter randomized study] Morel P, et al. **Ann Dermatol Venereol** 1984;111(10):925–8 (Eng. Abstr.) **(Fre)**

[Therapeutic experience in pemphigus and pemphigoid] Aloi FG, et al. **G Ital Dermatol Venereol** 1984 Sep–Oct; 119(5):357–64 (Eng. Abstr.) **(Ita)**

[Treatment of cicatrical pemphigoid with DDS] Mashkilleison AL, et al. **Vestn Dermatol Venerol** 1984 Oct; (10):37–9 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Bullous sclerodermalike changes in chronic graft-vs-host disease. Hymes SR, et al. **Arch Dermatol** 1985 Sep; 121(9):1189–92

Safety of diagnostic ultrasonography [letter] **Can Med Assoc J** 1985 May 15;132(10):1108, 1110

Seasonal bullous eruption due to mosquitoes. Walker GB, et al. **Clin Exp Dermatol** 1985 Mar;10(2):127–32

A case of hypothyroidism with bulla formation. Mochizuki T, et al. **Dermatologica** 1984;169(3):146–9

Bullosis diabeticorum: a case with lesions restricted to the hands. Collet JT, et al. **Diabetes Care** 1985 Mar–Apr; 8(2):177–9

Bullous pemphigoid. Occurrence in a patient with mycosis fungoides receiving PUVA and topical nitrogen mustard therapy. Patterson JW, et al. **Int J Dermatol** 1985 Apr; 24(3):173–6

Hemorrhagic bullae associated with Morganella morganii septicemia. Bagel J, et al. **J Am Acad Dermatol** 1985 Mar; 12(3):575–6

Effects of serum albumin on coagulase release from Staphylococcus aureus derived from bullous impetigo. Dekio S, et al. **J Dermatol (Tokyo)** 1984 Jun;11(3):233–5

Bullous amyloidosis associated with Bence Jones proteinemia without proteinuria. Isobe T, et al. **Jpn J Med** 1984 Aug; 23(3):254–7

Henoch-Schoenlein purpura: association with unusual vesicular lesions. Garland JS, et al. **Wis Med J** 1985 Jan; 84(1):21–3

[Histiocytosis X in the newborn infant] Blatniczky L, et al. **Orv Hetil** 1984 Oct 21;125(43):2625–8 (Eng. Abstr.) **(Hun)**

[Histiocytosis syndrome (histiocytosis X) in infancy] Török E, et al. **Orv Hetil** 1984 Oct 21;125(43):2611–4 (Eng. Abstr.) **(Hun)**

[Bullous eruption in systemic lupus erythematosus] Wanke NC, et al. **Med Cutan Iber Lat Am** 1984;12(3):209–13 (Eng. Abstr.) **(Por)**

[Foot mycoses complicated by secondary infection] Nemkaeva RM. **Vestn Dermatol Venerol** 1985 Apr;(4):55–6 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

[Familial autoimmune association: neonatal lupus and herpes gestationis] Enjolras O, et al. **Ann Dermatol Venereol** 1984; 111(8):693–4 **(Fre)**

IMMUNOLOGY

Serum IgE levels in patients with bullous pemphigoid [letter] Nieboer C. **Acta Derm Venereol (Stockh)** 1985;65(3):273–4

Failure of specific human tissue substrates to increase the sensitivity of indirect immunofluorescence testing in cicatricial pemphigoid. Powell FC, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):540–3

Selective IgG2 deficiency in a patient with skin and upper respiratory tract infection. White MV, et al. **Ann Allergy** 1985 Jun;54(6):498–501

Bullous pemphigoid antibodies. Human skin as a substrate for indirect immunofluorescence assay. Goldberg DJ, et al. **Arch Dermatol** 1985 Sep;121(9):1137–40

Neutrophil-generated active oxygens in linear IgA bullous dermatosis. Niwa Y, et al. **Arch Dermatol** 1985 Jan; 121(1):73–8

Suppressor-cell functions in bullous pemphigoid. Ahmed AR. **Arch Dermatol Res** 1985;277(4):307–12

Interleukin-2 production in bullous pemphigoid. Ahmed AR, et al. **Arch Dermatol Res** 1984;276(5):330–2

Immunopathologic studies of adult linear IgA bullous dermatosis. Flotte TJ, et al. **Arch Pathol Lab Med** 1985 May;109(5):457–9

Lichen planus pemphigoides: an immuno-electron microscopic study. Prost C, et al. **Br J Dermatol** 1985 Jul; 113(1):31–6

A specific antigen-antibody interaction triggers the cellular pathophysiology of bullous pemphigoid. Stanley JR. **Br J Dermatol** 1985 Jul;113 Suppl 28:67–73

Chronic bullous dermatosis of childhood. A vesicular variant (linear IgA dermatosis). Hwang R, et al. **Int J Dermatol** 1985 May;24(4):241–2

Differentiating bullous lichen planus and lichen planus pemphigoides [letter] Camisa C, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1164–6

Pathogenetic studies in bullous pemphigoid--review of the literature and our own results. Haustein UF, et al. **J Dermatol (Tokyo)** 1984 Dec;11(6):508–18 (75 ref.)

A case of acute febrile neutrophilic dermatosis (Sweet's syndrome). A demonstration of IgM and C3 deposits on the vessel walls in involved skin. Maekawa Y, et al. **J Dermatol (Tokyo)** 1984 Dec;11(6):560–4

Isolation of a low molecular weight glycoprotein in the human urine: comparison with urinary pemphigoid antigen. Miyagawa S, et al. **J Dermatol (Tokyo)** 1984 Oct; 11(5):449–54

Epidermolysis bullosa: variability of expression of cicatricial pemphigoid, bullous pemphigoid, and epidermolysis bullosa acquisita antigens in clinically uninvolved skin. Fine JD. **J Invest Dermatol** 1985 Jul;85(1):47-9

Immunopathologic mechanisms in pemphigus and bullous pemphigoid. Jordon RE, et al. **J Invest Dermatol** 1985 Jul; 85(1 Suppl):72s-78s (83 ref.)

Identification of bullous pemphigoid, pemphigus, laminin, and anchoring fibril antigens in human fetal skin. Lane AT, et al. **J Invest Dermatol** 1985 Jan;84(1):27-30

A pool of bullous pemphigoid antigen(s) is intracellular and associated with the basal cell cytoskeleton-hemidesmosome complex. Mutasim DF, et al. **J Invest Dermatol** 1985 Jan; 84(1):47-53

Localization of bullous pemphigoid antigen (BPA) in isolated human keratinocytes. Regnier M, et al. **J Invest Dermatol** 1985 Sep;85(3):187-90

Bullous pemphigoid antigen localization suggests an intracellular association with hemidesmosomes. Westgate GE, et al. **J Invest Dermatol** 1985 Mar;84(3):218-24

Abnormal expression of HLA-DR antigen in the placenta of a patient with pemphigoid gestationis. Borthwick GM, et al. **J Reprod Immunol** 1984 Dec;6(6):393-6

Benign mucous membrane pemphigoid with linear IgA deposits in oral mucosa. Hietanen J, et al. **Scand J Dent Res** 1985 Feb;93(1):46-51

[Immunopathological study of bullous pemphigoid, cicatricial pemphigoid and herpes gestationis] Barthélémy H, et al. **Ann Dermatol Venereol** 1985;112(5):403-10 (Eng. Abstr.) **(Fre)**

[Trials on bulla induction by antibodies from bullous pemphigoid patients in vivo and in vitro] Lohrisch I, et al. **Dermatol Monatsschr** 1985;171(2):106-12 (Eng. Abstr.) **(Ger)**

[Immune response to tetanus toxoid in bullous pemphigoid] Lohrisch I, et al. **Dermatol Monatsschr** 1985;171(3):153-7 (Eng. Abstr.) **(Ger)**

[IgA linear chronic bullous dermatitis in childhood. Description of a case] Occella C, et al. **Minerva Pediatr** 1984 Jun 30;36(12):639-43 (Eng. Abstr.) **(Ita)**

[Induction of pemphigoid lesions in neonatal mice] Mitsuhashi Y, et al. **Nippon Hifuka Gakkai Zasshi** 1985 May;95(6):675-80 **(Jpn)**

METABOLISM

Localization of basement membrane components in mucous membrane pemphigoid. Meyer JR, et al. **J Invest Dermatol** 1985 Feb;84(2):105-7

[Bullous diseases of the skin: basal membrane disorders?] Kiistala U, et al. **Duodecim** 1985;101(11):1063-73 **(Fin)**

[Immunoelectron microscopic study of IgA deposition in linear IgA bullous dermatosis] Tanita Y, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Dec;94(14):1625-9 **(Jpn)**

MICROBIOLOGY

Antibiotic susceptibilities of Staphylococcus aureus strains derived from furuncle and bullous impetigo. Dekio S, et al. **J Dermatol (Tokyo)** 1985 Feb;12(1):47-51

OCCURRENCE

Bullous pemphigoid: clinico-epidemiological study of patients seen at a Singapore skin hospital. Tham SN, et al. **Australas J Dermatol** 1984 Aug;25(2):68-72

PATHOLOGY

Pemphigoid vegetans: a case report. Al-Najjar A, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):450-2

Bullosis diabeticorum: a case report. Monfrecola G, et al. **Acta Diabetol Lat** 1984 Jul-Sep;21(3):289-92

Lichen sclerosus et atrophicus is not related to morphea. A clinical and histologic study of 24 patients in whom both conditions were reputed to be present simultaneously. Patterson JA, et al. **Am J Dermatopathol** 1984 Aug; 6(4):323-35

Herpes gestationis. Persistent disease activity 11 years post partum. Fine JD, et al. **Arch Dermatol** 1985 Jul;121(7):924-6

Pustulosis vegetans. Tagami H, et al. **Arch Dermatol** 1984 Oct;120(10):1355-9

Systemic lupus erythematosus with vesiculobullous lesions. Immunoelectron microscopic studies. Tani M, et al. **Arch Dermatol** 1984 Nov;120(11):1497-501

Colloid body formation in bullous pemphigoid. Horiguchi Y, et al. **Arch Dermatol Res** 1985;277(3):167-73

Bullous amyloidosis. Ruzicka T, et al. **Br J Dermatol** 1985 Jul;113(1):85-95

Bullous pemphigoid: a case report. Pinckney RC. **Br J Oral Maxillofac Surg** 1985 Jun;23(3):167-73

Oral pemphigoid. Tyldesley WR. **Br J Oral Maxillofac Surg** 1985 Jun;23(3):155-66

Bullous dermatoses. Chu AC. **Curr Top Pathol** 1985; 74:225-70 (267 ref.)

Bullous lichen sclerosus et atrophicus on the palms and wrists. Tudino ME, et al. **Cutis** 1984 May;33(5):475-6

Urticaria-like follicular mucinosis. Crovato F, et al. **Dermatologica** 1985;170(3):133-5

Dyshidrosiform pemphigoid. Report of an additional case. Rongioletti F, et al. **Dermatologica** 1985;170(2):84-5

Infantile acropustulosis and antecedent scabies [letter] Elpern DJ. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):895-6

Epidermolysis bullosa acquisita--a pemphigoid-like disease. Gammon WR, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):820-32

Acrokeratoelastoidosis of Costa in North America. A report of two cases. Korc A, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):832-6

Desquamative gingivitis and extragingival collapsed bulla. Jensen JL, et al. **J Am Dent Assoc** 1984 Nov;109(5):753-5

Painful piezogenic heel papules. A case report. Lin E, et al. **J Bone Joint Surg [Am]** 1985 Apr;67(4):640-1

Localized vulvar pemphigoid in a child. DeCastro P, et al. **Pediatr Dermatol** 1985 Jul;2(4):302-7

Postinflammatory elastolysis and cutis laxa: report of a case with aortitis. Christensen CC, et al. **Pediatr Pathol** 1983 Apr-Jun;1(2):199-210

Ia+ dendritic cells lining the dermo-epidermal junction in bullous skin disorders, associated with the deposition of immune complexes. Drijkoningen M, et al. **Virchows Arch [A]** 1985;406(3):301-7

[Pediatric acropustulosis] Prigent F, et al. **Ann Dermatol Venereol** 1984;111(8):747-8 **(Fre)**

[Value of esophagogastric fibroscopy in bullous pemphigoid (letter)] Bernard P, et al. **Gastroenterol Clin Biol** 1985 Jan; 9(1):85 **(Fre)**

[Eosinophilic spongiotic pemphigus] Aloi FG, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec;119(6):381-5 (Eng. Abstr.) **(Ita)**

[Lymphomatoid papulosis transforming to Hodgkin's disease] Bernengo MG, et al. **G Ital Dermatol Venereol** 1984 Sep-Oct;119(5):319-25 (Eng. Abstr.) **(Ita)**

[Mucous synechial atrophic bullous dermatitis] Divanian RS. **Vestn Dermatol Venerol** 1985 Jun;(6):53-4 (Eng. Abstr.) **(Rus)**

[Bullous muco-synechial dermatitis atrophicans. Development and current nosological status] Molina Leguizamon EB, et al. **Med Cutan Ibero Lat Am** 1984; 12(5):421-4 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Chronic blisters on aging skin: causes and treatment. Ducomb DF, et al. **Geriatrics** 1985 Apr;40(4):79-80, 85, 88

THERAPY

Cicatricial pemphigoid in a 6-year-old child: report of a case and review of the literature. Rosenbaum MM, et al. **Pediatr Dermatol** 1984 Jul;2(1):13-22 (46 ref.)

[Treatment of bullous pemphigoid by plasma exchange and prednisolone] Guillaume JC, et al. **Presse Med** 1985 May 18;14(20):1139-42 (Eng. Abstr.) **(Fre)**

TRANSMISSION

[A case of bullous dermatosis at the end of pregnancy transmitted to the newborn: herpes gestationis] Koslowski JP, et al. **Rev Fr Gynecol Obstet** 1984 Jan;79(1):59-62 (Eng. Abstr.) **(Fre)**

VETERINARY

Bullous pemphigoid in a dog: treatment with six-mercaptopurine. White SD, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):683-6

SKIN DISEASES, FUNGAL see **DERMATOMYCOSES**

SKIN DISEASES, INFECTIOUS

see related
POXVIRUS INFECTIONS

A case of herpes zoster involving a skin graft [letter] Ramos-Caro FA, et al. **Arch Dermatol** 1985 May; 121(5):588-9

Thirteen British cases of erythema chronicum migrans, a spirochaetal disease. Muhlemann MF. **Br J Dermatol** 1984 Sep;111(3):335-9

Infections and infestations of the skin. Feingold DS, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 2):971-4 (15 ref.)

Mycobacterium marinum infections in man. Collins CH, et al. **J Hyg (Lond)** 1985 Apr;94(2):135-49 (111 ref.)

Practical aspects of bacterial skin infections in children. Tunnessen WW Jr. **Pediatr Dermatol** 1985 Jul;2(4):255-65

Hand infections in the elderly. Stromberg BV. **South Med J** 1985 Feb;78(2):157-8

CEREBROSPINAL FLUID

Herpes zoster encephalitis: isolation of virus from cerebrospinal fluid. Ophir O, et al. **Isr J Med Sci** 1984 Dec;20(12):1189-92

CLASSIFICATION

TEN is TEN, but is SSSS? [letter] Arnold HL Jr. **JAMA** 1985 Jul 12;254(2):231-2

COMPLICATIONS

Pyogenic infections of childhood. Singh G, et al. **Indian J Pediatr** 1984 Sep-Oct;51(412):575-8

CONGENITAL

[Ritter's disease--staphylococcal toxic-necrotic epidermatitis] Leśniarek J. **Pediatr Pol** 1984 Dec; 59(12):1013-6 **(Pol)**

DIAGNOSIS

Pott's puffy tumor. A clinical marker for osteomyelitis of the skull. Koch SE, et al. **Arch Dermatol** 1985 Apr; 121(4):548-9

Cutaneous protothecosis presenting as recurrent chromomycosis. McAnally T, et al. **Arch Dermatol** 1985 Aug;121(8):1066-9

Progressive cutaneous herpes simplex or postoperative progressive gangrene [letter] Revuz J, et al. **Arch Dermatol** 1985 Apr;121(4):449-50

Cutaneous cryptococcosis resembling molluscum contagiosum in a patient with AIDS. Rico MJ, et al. **Arch Dermatol** 1985 Jul;121(7):901-2

Cutaneous amoebiasis: case report. Turner L, et al. **Br Med J [Clin Res]** 1985 Sep 7;291(6496):635-6

Cutaneous nocardiosis. Case reports and review. Kalb RE, et al. **J Am Acad Dermatol** 1985 Jul;13(1):125-33

The staphylococcal scalded skin syndrome. Dowsett EG. **J Hosp Infect** 1984 Dec;5(4):347-54 (62 ref.)

The bacteriology of skin sores in Goroka children. Bowness P, et al. **Papua New Guinea Med J** 1984 Jun;27(2):83-7

Superficial fungal and mycobacterial infections of the skin. Ginsburg CM. **Pediatr Infect Dis** 1985 May-Jun;4(3 Suppl):S19-23

Mycobacterium szulgai--a case of cutaneous infection? Cookson BD, et al. **Tubercle** 1985 Mar;66(1):65-7

An unusual systemic staphylococcal illness with features of the mucocutaneous lymph node syndrome. Servilla KS, et al. **West J Med** 1985 Feb;142(2):257-9

[Immunohistological identification of papillomavirus antigen in cutaneous warts using anti-papillomavirus serum] Ishida T, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Apr; 95(5):577-83 **(Jpn)**

[Diagnosis of infectious diseases in dermatological practice] Gaukhman VD. **Vestn Dermatol Venerol** 1984 Aug;(8):44-8 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Ceftriaxone treatment of skin and soft tissue infections in a once daily regimen. Bradsher RW Jr, et al. **Am J Med** 1984 Oct 19;77(4C):63-7

Treatment of skin and soft tissue infections with imipenem/cilastatin. Fass RJ, et al. **Am J Med** 1985 Jun 7;78(6A):110-2

Treatment of skin, skin structure, bone, and joint infections with ceftazidime. Gentry LO. **Am J Med** 1985 Aug 9; 79(2A):67-74

Once-daily ceftriaxone for skin and soft tissue infections. Gordin FM, et al. **Antimicrob Agents Chemother** 1985 Apr; 27(4):648-9

Effect of 9-(1,3-dihydroxy-2-propoxymethyl)guanine on the acute local phase of herpes simplex virus-induced skin infections in mice and the establishment of latency. Klein RJ, et al. **Antimicrob Agents Chemother** 1985 May; 27(5):763-8

Comparison of topically applied 5-ethyl-2'-deoxyuridine and acyclovir in the treatment of cutaneous herpes simplex virus infection in guinea pigs. Spruance SL, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):103-6

Effect of azone and propylene glycol on penetration of trifluorothymidine through skin and efficacy of different topical formulations against cutaneous herpes simplex virus infections in guinea pigs. Spruance SL, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):819-23

Pharmacokinetic evaluation of cefoperazone in infants. Varghese M, et al. **Antimicrob Agents Chemother** 1985 Jul; 28(1):149-50

Nocardia asteroides infection with dissemination to skin and joints. Boudoulas O, et al. **Arch Dermatol** 1985 Jul; 121(7):898-900

Response of a 'susceptible' Escherichia coli to metronidazole therapy: an investigation using experimental subcutaneous abscesses. Reznikov M, et al. **Chemotherapy** 1985;31(1):50-4

Comparative efficacy of cefadroxil and cefaclor in the treatment of skin and soft-tissue infections. Ballantyne FN. **Clin Ther** 1985;7(4):487-91

Ceftizoxime treatment of cutaneous and subcutaneous tissue infections. Parish LC, et al. **Clin Ther** 1984;6(5):613-9

Treatment of skin and skin structure infections: a comparative study of Augmentin and cefaclor. Parish LC, et al. **Cutis** 1984 Dec;34(6):567-70

Antimicrobial properties of gentamicin on the skin. Lorenzetti OJ, et al. **Int J Dermatol** 1984 Oct;23(8):547-9

Pseudomonic acid, a new antibiotic for topical therapy. Wuite J, et al. **J Am Acad Dermatol** 1985 Jun;12(6):1026-31

Changing antibiotic susceptibility of Staphylococcus aureus hand infections. Stromberg BV. **J SC Med Assoc** 1984 Oct; 80(10):490-2

Gonococcal cutaneous abscess [letter] Abdul Gaffoor PM. **Med J Aust** 1984 Dec 8-22;141(12-13):902

Cutaneous herpes simplex virus infection of the guinea pig: lack of resistance to acyclovir and phosphonoformic acid after topical treatment. Poryo A, et al. **Med Microbiol Immunol (Berl)** 1984;173(4):219-24

Skin and soft tissue infections: pharmacologic approaches. Blumer JL, et al. **Pediatr Infect Dis** 1985 May-Jun; 4(3):336-41

An overview: evaluation of cefonicid in infections of the urinary tract, lower respiratory tract, and skin and soft tissue. Kaye D. **Rev Infect Dis** 1984 Nov-Dec;6 Suppl 4:S835-8

Comparison of cefonicid and cefazolin for treatment of soft-tissue infections. Slutkin G, et al. **Rev Infect Dis** 1984 Nov-Dec;6 Suppl 4:S853-6

Treatment with beta-lactam antibiotics in skin and soft tissue infections. Hedström SA. **Scand J Infect Dis [Suppl]** 1984; 42:135-42

[Beneficial effects of silver sulfadiazine in inflammatory or highly infected lesions excluding burns] Mole B, et al. **Ann Chir Plast Esthet** 1984;29(4):389-91 (Eng. Abstr.) **(Fre)**

[Treatment with levamisole in a case of deficiency of the neutrophil granulocyte function associated with an increase in plasma IgA and recurrent dermal abscess infections] Pigatto PD, et al. **Boll Ist Sieroter Milan** 1982;61(5):437-40 (Eng. Abstr.) **(Ita)**

[Clinical trials of BRL 25000 (clavulanic acid-amoxicillin) granules on skin and soft tissue infections in the field of pediatrics] Motohiro T, et al. **Jpn J Antibiot** 1985 Feb; 38(2):507-37 (Eng. Abstr.) **(Jpn)**

[Comparative clinical study of DL-8280 and cefaclor for suppurative skin and soft tissue infections by a double-blind method] Fujita K, et al. **Kansenshogaku Zasshi** 1984 Sep; 58(9):793-819 (Eng. Abstr.) **(Jpn)**

[Efficacy of an antimicrobial drug in the experimental model of intracutaneous infection in the guinea-pig caused by Bacteroides fragilis] Nasu M, et al. **Kansenshogaku Zasshi** 1984 May;58(5):385-92 (Eng. Abstr.) **(Jpn)**

[Local treatment of post-injection abscesses with a combination of oxytocin and antibiotics] Zak VI, et al. **Khirurgiia (Mosk)** 1985 May;(5):112-5 **(Rus)**

[Use of propolis in the treatment of local suppurative infection] Tsarev NI, et al. **Vestn Khir** 1985 May; 134(5):119-22 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Superficial and systemic illness related to a hot tub. Kosatsky T, et al. **Am J Med** 1985 Jul;79(1):10-2

Hot tub-associated dermatitis due to Pseudomonas aeruginosa. Case report and review of the literature. Chandrasekar PH, et al. **Arch Dermatol** 1984 Oct; 120(10):1337-40

Tattoos today. From eyelids to ankles and some in '3-D'. Goldstein N. **Arch Dermatol** 1985 May;121(5):604-5

Infection in the immunocompromised host. Leyden JJ. **Arch Dermatol** 1985 Jul;121(7):855-7

Herpes simplex infections in atopic eczema. David TJ, et al. **Arch Dis Child** 1985 Apr;60(4):338-43

Infection with parvovirus during pregnancy [letter] Brown T, et al. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):559-60

Has REM syndrome a viral background? [letter] Ingber A. **Clin Exp Dermatol** 1985 Mar;10(2):179

Nocardia brasiliensis lymphocutaneous syndrome in a patient with lymphosarcoma. Wishnitzer R, et al. **Dermatologica** 1984;169(4):215-6

Cutaneous papulo-vesicular eruptions in non-A, non-B hepatitis. Liehr H, et al. **Hepatogastroenterology** 1985 Feb; 32(1):11-4

Pathogenesis and management of Staphylococcus epidermidis 'plastic' foreign body infections. Peters G, et al. **J Antimicrob Chemother** 1984 Dec;14 Suppl D:67-71

Histoplasmosis duboisii. Notes and comments on two African cases observed in Nantes. Marjolet M, et al. **Mykosen** 1984 Nov;27(11):547-51

Protothecosis. Heitzman HB, et al. **South Med J** 1984 Nov; 77(11):1477-8

[Parvovirus--the cause of infectious erythema and hypoplastic crisis in anemia patients] Meurman O, et al. **Duodecim** 1984;100(20):1313-7 **(Fin)**

[Generalized exfoliating pustular staphylococcal infection in an immunosuppressed woman] Janier M, et al. **Ann Dermatol Venereol** 1984;111(8):705-6 **(Fre)**

[Cutaneous tularemia: inoculation chancre and nodular tularemia] Jeanmougin M, et al. **Ann Dermatol Venereol** 1984;111(8):711-2 **(Fre)**

[Swimming pool granuloma--a mycobacteriosis] Boisten P, et al. **Z Hautkr** 1985 Jan;60(1-2):105-8 (Eng. Abstr.) **(Ger)**

[Extrarespiratory manifestations of Mycoplasma pneumoniae infection] Ruiz Contreras J, et al. **An Esp Pediatr** 1984 Aug; 21(2):141-6 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

[Report of a family with bone lesions and subcutaneous abscesses of unknown etiology] Endo M, et al. **Hokkaido Igaku Zasshi** 1984 Sep;59(5):658-65 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

Immunological alterations in a case of Papillon-Lefèvre syndrome with recurrent cutaneous infections. Borroni G, et al. **Dermatologica** 1985;170(1):27-30

Specific cell-mediated immunity in patients with epidermodysplasia verruciformis and plane warts. Haftek M, et al. **Dermatologica** 1985;170(5):213-20

Cutaneous cryptococcosis--a case with C3 deposition on capsules. Chiang YC, et al. **J Dermatol (Tokyo)** 1985 Feb; 12(1):79-84

Dermatologic manifestations of infections in immunocompromised patients. Wolfson JS, et al. **Medicine (Baltimore)** 1985 Mar;64(2):115-33

[Immunity of the skin--infection and percutaneous immunization of rabbits with E. coli ATCC 13676] Hammerschmidt W, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Apr; 259(2):252-67 (Eng. Abstr.) **(Ger)**

[Indicators of nonspecific immunity in purulent infection in diabetes mellitus] Nuzov BG. **Sov Med** 1985;(1):80-3 **(Rus)**

[Interrelation of phagocytic reactions of neutrophils with the reactions of the T-component of immunity in patients with staphyloderma] Lesnitskiĭ AI. **Vestn Dermatol Venerol** 1985 Mar;(3):7-9 (Eng. Abstr.) **(Rus)**

[Opsonin deficiency as the cause of disorders of phagocytic reactions of neutrophils in staphyloderma patients] Lesnitskiĭ AI. **Vestn Dermatol Venerol** 1984 Aug;(8):10-3 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Cutaneous abscess caused by Legionella micdadei in an immunosuppressed patient. Ampel NM, et al. **Ann Intern Med** 1985 May;102(5):630-2

Antibacterial properties of lidocaine on bacteria isolated from dermal lesions. Miller MA, et al. **Arch Dermatol** 1985 Sep; 121(9):1157-9

Recurrent infection with Chromobacterium violaceum: first case report from South America. Petrillo VF, et al. **J Infect** 1984 Sep;9(2):167-9

Antibody to human parvovirus in outbreak of erythema infectiosum in Japan [letter] Shiraishi H, et al. **Lancet** 1985 Apr 27;1(8435):982-3

Disseminated cutaneous Nocardia brasiliensis infection. Callen JP, et al. **Pediatr Dermatol** 1984 Jul;2(1):49-51

[Rest room dermatitis during immunosuppression] El Baze P, et al. **Ann Dermatol Venereol** 1984;111(8):691-2 **(Fre)**

[Erosive sternocostal arthritis in palmo-plantar pustulosis. Role of Corynebacterium? (letter)] Le Goff P, et al. **Presse Med** 1984 Sep 15;13(31):1903 **(Fre)**

[Studies on a staphylococcal phage type and coagulase type isolated from infectious skin lesions] Nishijima S, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Feb;95(2):99-108 **(Jpn)**

[Properties of herpes simplex virus strains isolated from patients with recurrent cutaneous herpes] Semenova TB, et al. **Vopr Virusol** 1985 Jan-Feb;30(1):93-6 **(Rus)**

OCCURRENCE

Role of some infectious agents in atopic dermatitis. Bonifazi E, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985; 114:98-100

Nosocomial infections among patients in a long-term care facility: spectrum, prevalence, and risk factors. Setia U, et al. **Am J Infect Control** 1985 Apr;13(2):57-62

Occupational pitted keratolysis. Eun HC, et al. **Contact Dermatitis** 1985 Feb;12(2):122

Analysis of an outbreak of staphylococcal scalded skin syndrome: strategies for typing 'non-typable' strains. Dowsett EG, et al. **J Hosp Infect** 1984 Dec;5(4):391-7

A profile of skin sepsis in meat handlers. Barnham M, et al. **J Infect** 1984 Jul;9(1):43-50

Pseudomonas dermatitis associated with a swimming pool. Thomas P, et al. **JAMA** 1985 Feb 22;253(8):1156-9

Carriage of Corynebacterium diphtheriae in children of the Eastern Highlands province. Montgomery J. **Papua New Guinea Med J** 1984 Mar;27(1):20-3

[Occurrence of infectious occupational dermatoses in East Germany 1970-1982] Frisch A, et al. **Dermatol Monatsschr** 1984;170(8):493-7 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Cutaneous Mycobacterium szulgai infection. Cross GM, et al. **Arch Dermatol** 1985 Feb;121(2):247-9

Pathology quiz case 2: staphylococcal scalded skin syndrome (SSSS). Young EM Jr. **Arch Dermatol** 1984 Oct; 120(10):1366-7, 1369

Tissue reaction in bartonellosis may suggest Kaposi's sarcoma [letter] Garcia FU. **Arch Pathol Lab Med** 1985 Aug; 109(8):703-4

Orf. A case report with histologic, electron microscopic, and immunoperoxidase studies. Sanchez RL, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):166-70

Mycobacterium marinum infection in a 4-year-old child. Fragoso MA, et al. **Clin Pediatr (Phila)** 1985 May; 24(5):288-9

Vesiculobullous lesions caused by cytomegalovirus infection in an immunocompromised adult. Bhawan J, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 2):743-7

Fixed cutaneous sporotrichosis: unusual histopathology following intralesional corticosteroid administration. Bickley LK, et al. **J Am Acad Dermatol** 1985 Jun; 12(6):1007-12

Mycobacterial skin infections. Saxe N. **J Cutan Pathol** 1985 Jun-Aug;12(3-4):300-12

Electron microscopy after direct ultracentrifugation. Jansons J, et al. **Pathology** 1985 Jan;17(1):29-30

[Mycobacterium chelonei cutaneous infections. General review apropos of a case] Bendelac A, et al. **Ann Dermatol Venereol** 1985;112(4):319-24 (Eng. Abstr.) **(Fre)**

[Atypical measles] Dereume JL, et al. **Dermatologica** 1985; 170(6):280-5 (Eng. Abstr.) **(Fre)**

[Sporotrichosis. Unusual localization] Terzano I, et al. **Med Cutan Ibero Lat Am** 1984;12(5):383-6 (Eng. Abstr.) **(Spa)**

PREVENTION & CONTROL

[Preparation of delayed-action staphylococcal vaccine. I. Effect of the vaccine on local skin infection in rabbits] Giedrys-Galant S, et al. **Med Dosw Mikrobiol** 1984; 36(2):77-85 (Eng. Abstr.) **(Pol)**

[Antimicrobial woolen fabrics as a means of preventing and treating skin diseases] Likhacgeva NP, et al. **Gig Sanit** 1985 Feb;(2):77-8 **(Rus)**

SURGERY

Incision and drainage of soft-tissue abscesses and bacteremia [letter] Fine BC, et al. **Ann Intern Med** 1985 Oct;103(4):645

Treatment of abscesses by incision, curettage, and primary closure. Krishnarajah V. **Ceylon Med J** 1984 Jun; 29(2):113-5

Vibrio hand infections: a case report and review of the literature. Zielinski CJ, et al. **J Hand Surg [Am]** 1984 Sep; 9(5):754-7

Procedure: incision and drainage of a superficial abscess. Ahmad M. **JPMA** 1984 Sep;34(9):286-9

[Treatment of suppurative diseases of soft tissues by cryogenic and cryosurgical methods in a polyclinic] Kabanov AN, et al. **Khirurgiia (Mosk)** 1985 May;(5):141-2 **(Rus)**

THERAPY

[Ambulatory treatment of purulent lesions of the skin and subcutaneous compartment] Kirillova RA. **Khirurgiia (Mosk)** 1984 Nov;(11):73-4 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of the effectiveness of various therapeutic agents in children with profound staphylodermias] Bukhtoiarova II, et al. **Pediatriia** 1985 Feb;(2):48-50 **(Rus)**

VETERINARY

Subcutaneous dermatophilosis in a cat. Carakostas MC, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):675-6

Therapeutic strategies involving antimicrobial treatment of the skin in small animals. Ihrke PJ. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1165-8 (35 ref.)

Fleece-rot: the epidemiology and significance of the disease in sheep. Salisbury RH, et al. **J S Afr Vet Assoc** 1984 Sep; 55(3):147-51 (26 ref.)

The fine structure of cytoplasmic and intranuclear inclusions of seal pox. Okada K, et al. **Nippon Juigaku Zasshi** 1984 Jun;46(3):401-4

Efficacy of clavulanate-potentiated amoxycillin in experimental and clinical skin infections. Bywater RJ, et al. **Vet Rec** 1985 Feb 16;116(7):177-9

SKIN DISEASES, PARASITIC

see related
ECTOPARASITIC INFESTATIONS

DIAGNOSIS

Dermatobia hominis dermal myiasis. A furuncular lesion in a world traveler. File TM Jr, et al. **Arch Dermatol** 1985 Sep;121(9):1195-6

Active cutaneous myiasis: a case report. Mpofu SM. **Cent Afr J Med** 1984 Aug;30(8):153-4

Update: Lyme disease--United States. **J Am Acad Dermatol** 1984 Sep;11(3):517-8

[Multifocal cerebral, meningeal and subcutaneous cysticercosis] Vacek J, et al. **Cesk Neurol Neurochir** 1985 May;48(3):186-9 (Eng. Abstr.) **(Cze)**

[Infection of humans with a nematode Dirofilaria repens Railliet et Henry, 1911] Supriaga VG, et al. **Med Parazitol (Mosk)** 1985 Jan-Feb;(1):85-6 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Dermal leishmaniasis after kala-azar infection: successful treatment with rifampin. Saha SK. **Cutis** 1985 Jul;36(1):81-2

Treatment of dermal cysticercosis with praziquantel. A new cestocidal agent. Baranski MC. **Rev Inst Med Trop Sao Paulo** 1984 Sep-Oct;26(5):259-66

Subcutaneous and cerebral cysticercosis treated with praziquantel. Quimosing EM, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun; 15(2):201-5

[Insecticide resistance in pediculosis of the scalp] Kucirka S, et al. **Przegl Dermatol** 1984 Mar-Apr;71(2):165-9 (21 ref.) **(Pol)**

ETIOLOGY

Cutaneous myiasis caused by larvae of Cordylobia anthropophaga acquired in Europe. Baily GG, et al. **Br Med J [Clin Res]** 1985 May 18;290(6480):1473-4

Human subcutaneous dirofilariasis. 1. Two new cases in Venice. Identification of the causal agent as Dirofilaria repens Raillet and Henry, 1911. Pampiglione S, et al. **Parassitologia** 1982 Dec;24(2-3):155-65

[A case of dermamyiasis caused with Hypoderma lineatum larva] Han F. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):281 (Chi)

METABOLISM

Dermal deposition of eosinophil-granule major basic protein in atopic dermatitis. Comparison with onchocerciasis. Leiferman KM, et al. **N Engl J Med** 1985 Aug 1; 313(5):282-5 •

MICROBIOLOGY

Dermatitis due to larvae of a soil nematode, Pelodera strongyloides. Ginsburg B, et al. **Pediatr Dermatol** 1984 Jul;2(1):33-7

OCCURRENCE

Pseudouremic pruritus: a scabies epidemic in a dialysis unit. Lempert KD, et al. **Am J Kidney Dis** 1985 Feb;5(2):117-9

Human gnathostomiasis in Ecuador (nodular migratory eosinophilic panniculitis). First finding of the parasite in South America. Ollague W, et al. **Int J Dermatol** 1984 Dec; 23(10):647-51

Human subcutaneous dirofilariasis. 2. A report of 5 new cases of Dirofilaria repens in central and northern Italy and of a sixth case with uncertain parasitological diagnosis. Pampiglione S, et al. **Parassitologia** 1982 Dec; 24(2-3):167-76

PATHOLOGY

Dioctophyma-like larval nematode in a subcutaneous nodule from man in Northern Thailand. Beaver PC, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):1032-4

Pigmented basal cell epithelioma arising in the scar of an onchocerciasis nodule. Aram H, et al. **Int J Dermatol** 1984 Dec;23(10):658-60

Cerebral cysticercosis: diagnostic value of subcutaneous nodules. Report of two cases. Falanga V, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):304-7

VETERINARY

Onchocerca cervicalis in horses: dermal histopathology. Schmidt GM, et al. **Acta Trop (Basel)** 1985 Mar;42(1):55-61

Identification and treatment of a lethal nematode (Capillaria xenopodis) infestation in the South African frog, Xenopus laevis. Cohen N, et al. **Dev Comp Immunol** 1984 Summer; 8(3):739-41

Coccidia associated with cutaneous nodules in a dog. Sangster LT, et al. **Vet Pathol** 1985 Mar;22(2):186-8

SKIN ELECTRIC CONDUCTANCE see **GALVANIC SKIN RESPONSE**

SKIN MANIFESTATIONS

Skin reactions to foods in patients with atopic dermatitis. Benton EC, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:129-32

Skin eruption and weight loss in a 57-year-old woman. Tishler JM, et al. **Invest Radiol** 1984 Mar-Apr;19(2):71-5

SKIN NEOPLASMS

Diffuse pulmonary metastasis in melanoma: radiographic-pathologic correlation. Dwyer AJ, et al. **AJR** 1984 Nov;143(5):983-4

More than conventional microscopy is now required for study of moles and malignant melanomas [editorial] Ackerman AB. **Am J Dermatopathol** 1984 Summer;6 Suppl:10-2

A question of priority or misunderstanding? [letter] Bakker PM, et al. **Am J Dermatopathol** 1985 Feb;7(1):101-3

Elective lymph node dissection in stage I melanoma--necessary or not? Adams CM, et al. **Am Surg** 1985 Sep;51(9):504-7 (31 ref.)

Intraocular metastases from cutaneous malignant melanoma. de Bustros S, et al. **Arch Ophthalmol** 1985 Jul;103(7):937-40

Metastatic patterns of squamous carcinoma in the parotid lymph nodes. Lee K, et al. **Br J Plast Surg** 1985 Jan; 38(1):6-10

Mycosis fungoides. Sterry W. **Curr Top Pathol** 1985; 74:167-223 (288 ref.)

Nutrition and melanoma. Wagner RF Jr, et al. **Int J Dermatol** 1984 Sep;23(7):453-7 (44 ref.)

Acquired, bilateral nevus of Ota-like macules [letter] Hidano A. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):368-9

Cancer of the skin in blacks. III. A review of nineteen black patients with Bowen's disease. Mora RG, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):557-62

Basalioma and basal cell carcinoma [letter] Ruocco V, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1161

Consensus Conference on Precursors to Malignant Melanoma. **J Dermatol Surg Oncol** 1985 May;11(5):537-42

Proceedings of the Second World Congress on Cancers of the Skin. March 7-9, 1985, New York City. Abstracts. **J Dermatol Surg Oncol** 1985 Aug;11(8):766-843

Congenital-nevus-like nevi, nevi spili, and café-au-lait spots in patients with malignant melanoma. Kopf AW, et al. **J Dermatol Surg Oncol** 1985 Mar;11(3):275-80

Cutaneous meningioma. Serwatka LM, et al. **J Dermatol Surg Oncol** 1984 Nov;10(11):896-900

Solitary trichoepithelioma with prominent cystic structures. Ohkohchi K, et al. **J Dermatol (Tokyo)** 1985 Feb;12(1):91-3

Pheochromocytoma, renal artery stenosis, and lymphocytic lymphoma associated with von Recklinghausen's neurofibromatosis. Case report and literature review. Kremen AF, et al. **Minn Med** 1985 Feb;68(2):99-101

A retrospective study of 304 cases of malignant melanoma in Malmö 1952-71. Mattsson W, et al. **Scand J Plast Reconstr Surg** 1976;10(3):189-95

Minimal deviation melanoma. Barr LH, et al. **Surg Gynecol Obstet** 1984 Dec;159(6):546-8

[Metastasizing basalioma at an early age] Steiner I, et al. **Cesk Patol** 1984 Nov;20(4):246-51 (Eng. Abstr.) (Cze)

[Clinico-biologic and therapeutic aspects of 76 cutaneous melanomas] Scalco GB, et al. **Minerva Chir** 1984 Aug 15-31;39(15-16):1101-6 (Eng. Abstr.) (Ita)

[2 cases of distant metastases melanoma of the skin to pharyngeal mucosa] Lewandowski D. **Otolaryngol Pol** 1984;38(2):181-5 (Eng. Abstr.) (Pol)

[Intrathoracic metastases of melanoma] Gallar P, et al. **Rev Clin Esp** 1984 Nov 15-30;175(3-4):157-61 (Eng. Abstr.) (Spa)

ANALYSIS

Fibronectin in eosinophilic globules of Spitz's nevi. Kamino H, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:313-6

Antibodies to intermediate filament proteins. The differential diagnosis of cutaneous tumors. Miettinen M, et al. **Arch Dermatol** 1985 Jun;121(6):736-41

Differences of expression of cytokeratin polypeptides in various epithelial skin tumors. Moll R, et al. **Arch Dermatol Res** 1984;276(6):349-63

Quantitative analysis of eumelanin and pheomelanin in human malignant-melanoma tissues. Morishima T, et al. **Arch Dermatol Res** 1985;277(3):248-50

Desmoplastic trichoepithelioma: clinico-pathological features and immunohistochemical study of the basement membrane proteins, laminin and type IV collagen. Kallioinen M, et al. **Br J Dermatol** 1984 Nov;111(5):571-7

Paget cells express cytokeratins typical of glandular epithelia. Kariniemi AL, et al. **Br J Dermatol** 1985 Feb;112(2):179-83

Immunohistochemical demonstration of substance P-containing nerve fibres in glomus tumours. Kishimoto S, et al. **Br J Dermatol** 1985 Aug;113(2):213-8

Malignant angiosarcoma of the scalp: a case report with immunohistochemical studies. Newton JA, et al. **Br J Dermatol** 1985 Jan;112(1):97-105

Single cell DNA measurements in benign cutaneous lymphoid infiltrates and in positive patch tests. Ralfkiaer E, et al. **Br J Dermatol** 1985 Mar;112(3):253-62

Steroid receptors in a group of Brazilian melanoma patients. Belizário JE, et al. **Braz J Med Biol Res** 1984;17(1):21-6

Immunohistochemical localization of ganglioside GD3 in human malignant melanoma, epithelial tumors, and normal tissues. Dippold WG, et al. **Cancer Res** 1985 Aug; 45(8):3699-705

Clonal evolution in cutaneous malignant histiocytosis. Wantzin GL, et al. **Clin Exp Dermatol** 1985 Mar; 10(2):121-6

Epidermal growth factor receptors in different skin tumors. Bauknecht T, et al. **Dermatologica** 1985;171(1):16-20

A study of intermediate filaments (cytokeratin, vimentin, neurofilament) in two cases of Merkel cell tumor. Dreno B, et al. **J Cutan Pathol** 1985 Feb;12(1):37-45

Estrogen and progesterone receptors in primary cutaneous melanoma. Ellis DL, et al. **J Dermatol Surg Oncol** 1985 Jan;11(1):54-9

Biochemical study on gangliosides in neurofibromas and neurofibrosarcomas of Recklinghausen's disease. Tsuchida T, et al. **J Dermatol (Tokyo)** 1984 Apr;11(2):129-38

Basement membrane proteins, interstitial collagens, and fibronectin in neurofibroma. Fleischmajer R, et al. **J Invest Dermatol** 1985 Jul;85(1):54-9

Basement membrane laminin and type IV collagen in various benign and malignant adnexal tumors of the skin: an immunohistochemical study. Kallioinen M, et al. **J Invest Dermatol** 1984 Oct;83(4):276-80

Bowenoid papulosis of the genitalia associated with human papillomavirus DNA type 16 in an infant with atopic dermatitis. Breneman DL, et al. **Pediatr Dermatol** 1985 Jul; 2(4):297-301

[The mineral phase of Malherbe's calcifying tumor] Mitre D, et al. **J Biol Buccale** 1984 Sep;12(3):253-8 (Eng. Abstr.) (Fre)

[Estrogen and progesterone receptors in malignant melanoma, benign pigmented nevi and basocellular epithelioma] Avril MF, et al. **Pathol Biol (Paris)** 1985 Jan; 33(1):39-44 (Eng. Abstr.) (Fre)

[Content of eumelanin and pheomelanin in malignant melanoma tissues in the Japanese] Fukada E. **Nippon Hifuka Gakkai Zasshi** 1985 Mar;95(4):487-93 (Jpn)

[An eosinophil chemotactic factor of malignant fibrous histiocytoma] Yasumoto S, et al. **Nippon Hifuka Gakkai Zasshi** 1985 May;95(6):643-8 (Jpn)

BLOOD

Normal peripheral-blood lymphocyte cAMP and cGMP resting levels in untreated patients with mycosis fungoides. Aleksijevic A, et al. **Arch Dermatol Res** 1985;277(2):143-5

Diagnostic and prognostic significance of Sézary cells in peripheral blood smears from patients with cutaneous T cell lymphoma. Vonderheid EC, et al. **Blood** 1985 Aug; 66(2):358-66

Abnormal lymphocyte response to u.v. radiation in multiple skin cancer. Munch-Petersen B, et al. **Carcinogenesis** 1985 Jun;6(6):843-5

X-ray and UV-radiation sensitivity of circulating lymphocytes in multiple epidermal cancer in relation to previous radiation exposure. Munch-Petersen B, et al. **Radiat Res** 1985 Sep;103(3):432-40

BLOOD SUPPLY

The fine structure of tumor blood vessels. I. Participation of non-endothelial cells in tumor angiogenesis. Hammersen F, et al. **Int J Microcirc Clin Exp** 1985;4(1):31-43

CHEMICALLY INDUCED

Multistage skin carcinogenesis: a useful model for the study of the chemoprevention of cancer. Slaga TJ. **Acta Pharmacol Toxicol (Copenh)** 1984;55 Suppl 2:107-24 (11 ref.)

Development of malignant melanoma after levodopa therapy for Parkinson's disease. Report of a case and review of the literature. Kochar AS. **Am J Med** 1985 Jul;79(1):119-21

Mycosis fungoides-like lesions associated with phenytoin therapy. Wolf R, et al. **Arch Dermatol** 1985 Sep; 121(9):1181-2

Skin tumours induced by local and systemic action of N-nitroso-compounds in rats. Zabezhinski MA, et al. **Arch Geschwulstforsch** 1985;55(2):117-22

Interaction of ionizing radiation and 8-methoxypsoralen photosensitization: some implications for risk assessment. Bridges BA. **Basic Life Sci** 1985;33:307-18

Stimulatory effect of 1 alpha, 25-dihydroxyvitamin D3 on the formation of skin tumors in mice treated chronically with 7,12-dimethylbenz[a]anthracene. Wood AW, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):924-31

Hutchinson's melanotic freckle melanoma and the use of non-permanent hair dyes [letter] Armstrong BK, et al. **Br J Cancer** 1985 Jul;52(1):135

Oral contraceptive use and malignant melanoma in Australia. Beral V, et al. **Br J Cancer** 1984 Nov;50(5):681-5

Mutagenicity and tumor initiating activity of methylated benzo[k] fluoranthenes. Amin S, et al. **Cancer Lett** 1985 Apr;26(3):343-7

Carcinogenic activity of acrylamide in the skin and lung of Swiss-ICR mice. Bull RJ, et al. **Cancer Lett** 1984 Sep; 24(2):209-12

Investigation on the carcinogenicity of emission condensate from brown coal-fired residential furnaces applied to mouse skin. Deutsch-Wenzel RP, et al. **Cancer Lett** 1984 Nov;25(1):103-11

Effects of short-term exposure to the tumor promoter, 12-O-tetradecanoylphorbol-13-acetate on skin carcinogenesis in SENCAR mice. Diwan BA, et al. **Cancer Lett** 1985 Mar;26(2):177-84

Retinoyl-phorbol-acetate is a complete skin tumor promoter in SENCAR mice. Fischer SM, et al. **Cancer Lett** 1985 Jul;27(3):323-7

Studies on the promoting and complete carcinogenic activities of some oxidizing chemicals in skin carcinogenesis. Kurokawa Y, et al. **Cancer Lett** 1984 Oct; 24(3):299-304

Carcinogenicity of N-nitrosobis (2-hydroxypropyl) amine after administration to Syrian hamster skin. Pour PM, et al. **Cancer Lett** 1985 Jul;27(3):305-8

Methylene-bridged bay region chrysene and phenanthrene derivatives and their keto-analogs: mutagenicity in Salmonella typhimurium and tumor-initiating activity on mouse skin. Rice JE, et al. **Cancer Lett** 1985 Jun; 27(2):199-206

Mechanism of mouse skin tumor promotion by chrysarobin. DiGiovanni J, et al. **Cancer Res** 1985 Jun;45(6):2584-9

Effect of retinoic acid on the late-stage promotion of transformation in JB6 mouse epidermal cells in culture. Gensler HL, et al. **Cancer Res** 1985 May;45(5):1922-5

Association of DNA strand breaks with accelerated terminal differentiation in mouse epidermal cells exposed to tumor promoters. Hartley JA, et al. **Cancer Res** 1985 Oct; 45(10):4864-70

Tumorigenicity of 5-methylchrysene dihydrodiols and dihydrodiol epoxides in newborn mice and on mouse skin. Hecht SS, et al. **Cancer Res** 1985 Apr;45(4):1449-52

Correlation of initiating potency of skin carcinogens with potency to induce resistance to terminal differentiation in cultured mouse keratinocytes. Kilkenny AE, et al. **Cancer Res** 1985 May;45(5):2219-25

Fractionation of skin tumor-initiating activity in coal liquids. Mahlum DD, et al. **Cancer Res** 1984 Nov;44(11):5176-81

Studies on the tumor initiating, tumor promoting, and tumor co-initiating properties of respiratory carcinogens. Nesnow S, et al. **Carcinog Compr Surv** 1985;8:257-77

Effects of ellipticine, flavone, and 7,8-benzoflavone upon 7,12-dimethylbenz[a]anthracene, 7,14-dimethyldibenzo[a,h]anthracene and dibenzo[a,h]anthracene initiated skin tumors in mice. Alworth WL, et al. **Carcinogenesis** 1985 Apr;6(4):487-93

Mutagenicity and tumor initiating activity of methylated benzo[b]fluoranthenes. Amin S, et al. **Carcinogenesis** 1985 Jul;6(7):1023-5

Effect of ellagic acid and hydroxylated flavonoids on the tumorigenicity of benzo[a]pyrene and (+/-)-7 beta, 8 alpha-dihydroxy-9 alpha, 10 alpha-epoxy-7,8,9,10-tetrahydrobenzo[a]pyrene on mouse skin and in the newborn mouse. Chang RL, et al. **Carcinogenesis** 1985 Aug;6(8):1127-33

DBA/2 mice are as sensitive as SENCAR mice to skin tumor promotion by 12-O-tetradecanoylphorbol-13-acetate. DiGiovanni J, et al. **Carcinogenesis** 1984 Nov;5(11):1493-8

Tumor-promoting effects of di(2-ethylhexyl)phthalate in JB6 mouse epidermal cells and mouse skin. Diwan BA, et al. **Carcinogenesis** 1985 Mar;6(3):343-7

Effects of a biomimetic superoxide dismutase on complete and multistage carcinogenesis in mouse skin. Egner PA, et al. **Carcinogenesis** 1985 Aug;6(8):1167-72

The first stage and complete promoting activity of retinoic acid but not the analog RO-10-9359. Fischer SM, et al. **Carcinogenesis** 1985 Apr;6(4):575-8

Development of phorbol ester responsiveness in neonatal mouse epidermis: correlation between hyperplastic response and sensitivity to first-stage tumor promotion. Fürstenberger G, et al. **Carcinogenesis** 1985 Feb;6(2):289-94

Benzoyl peroxide promotion of transformation of JB6 mouse epidermal cells: inhibition by ganglioside GT but not retinoic acid. Gindhart TD, et al. **Carcinogenesis** 1985 Feb; 6(2):309-11

The biological activity and activation of 15,16-dihydro-1,11-methanocyclopenta[a]phenanthren-17 a carcinogen with an obstructed bay region. Hadfield ST, et al. **Carcinogenesis** 1984 Nov;5(11):1485-91

Antitumor-promoting activity of glycyrrhetic acid in mouse skin tumor formation induced by 7,12-dimethylbenz[a]anthracene plus teleocidin. Nishino H, et al. **Carcinogenesis** 1984 Nov;5(11):1529-30

A beef-derived mutagenesis modulator inhibits initiation of mouse epidermal tumors by 7,12-dimethylbenz[a]anthracene. Pariza MW, et al. **Carcinogenesis** 1985 Apr;6(4):591-3

On the role of superoxide anion radicals in skin tumour promotion. Schwarz M, et al. **Carcinogenesis** 1984 Dec; 5(12):1663-70

Mouse skin melanoma induced in two stage chemical carcinogenesis with ,7,12-dimethylbenz[a]anthracene and croton oil. Takizawa H, et al. **Carcinogenesis** 1985 Jun; 6(6):921-3

Regeneration and the mechanism of epidermal tumor promotion. Argyris TS. **CRC Crit Rev Toxicol** 1985; 14(3):211-58 (210 ref.)

Kaposi's sarcoma after immunosuppressive therapy for bullous pemphigoid. Scaparro E, et al. **Dermatologica** 1984; 169(3):156-9

Skin-tumour promoting activity of methyl ethyl ketone peroxide--a potent lipid-peroxidizing agent. Logani MK, et al. **Food Chem Toxicol** 1984 Nov;22(11):879-82

Lack of concordance of the Salmonella/microsome assay with the mouse dermal carcinogenesis bioassay for complex petroleum hydrocarbon mixtures. Cragg ST, et al. **Fundam Appl Toxicol** 1985 Apr;5(2):382-90

Dermal oncogenicity studies on ethylenediamine in male C3H mice. DePass LR, et al. **Fundam Appl Toxicol** 1984 Aug; 4(4):641-5

Soft agar colony formation of mouse epidermal cells during the early phase of two-stage chemically induced carcinogenesis. Hashimura T, et al. **Gann** 1985 May; 76(5):321-3

Skin cancer: risk to individuals using the tumour promoter benzoyl peroxide for acne treatment. Jones GR. **Hum Toxicol** 1985 Jan;4(1):75-8

Shale-oils. **IARC Monogr Eval Carcinog Risk Chem Hum** 1985 Jan;35:161-217

Appendix: case reports. **IARC Monogr Eval Carcinog Risk Chem Hum** 1985 Jan; 35:243-7

On the role of tumour promotion in chemical carcinogenesis. Boutwell RK. **IARC Sci Publ** 1984;(56):3-11

Early- and late-stage carcinogenesis in mouse skin and in man. Peto J. **IARC Sci Publ** 1984;(56):359-71

Can tumour promotion be effectively inhibited? Slaga TJ. **IARC Sci Publ** 1984;(56):497-506

Mechanisms of initiation and promotion in mouse epidermis. Yuspa SH. **IARC Sci Publ** 1984;(56):191-204

Biogenic silica fibre promotes carcinogenesis in mouse skin. Bhatt T, et al. **Int J Cancer** 1984 Oct 15;34(4):519-28

Tar revisited. Lin AN, et al. **Int J Dermatol** 1985 May; 24(4):216-8 (32 ref.)

Observations on the mechanism of skin tumor promotion by phorbol esters. Boutwell RK, et al. **Int Symp Princess Takamatsu Cancer Res Fund** 1983; 14:177-93 (40 ref.)

Multistage tumor promotion in skin. Marks F, et al. **Int Symp Princess Takamatsu Cancer Res Fund** 1983; 14:273-87 (48 ref.)

Cellular and biochemical changes during multistage skin tumor promotion. Slaga TJ, et al. **Int Symp Princess Takamatsu Cancer Res Fund** 1983; 14:291-301 (36 ref.)

Molecular and cellular basis for tumor promotion in mouse skin. Yuspa SH. **Int Symp Princess Takamatsu Cancer Res Fund** 1983; 14:315-26 (34 ref.)

A murine model of squamous intraepithelial neoplasia. Rettenmaier MA, et al. **J Clin Lab Immunol** 1984 Jul; 14(3):151-4

Levodopa and melanoma: three cases and review of literature. Rampen FH. **J Neurol Neurosurg Psychiatry** 1985 Jun;48(6):585-8

Dermal oncogenicity bioassays of di-sec-butoxyacetophenone and diethoxyacetophenone. DePass LR, et al. **J Toxicol Environ Health** 1984; 13(4-6):757-61

Dermal oncogenicity bioassays of acrylic acid, ethyl acrylate, and butyl acrylate. DePass LR, et al. **J Toxicol Environ Health** 1984;14(2-3):115-20

Two-stage tumor promotion in mouse skin: an alternative interpretation. Hennings H, et al. **JNCI** 1985 Apr; 74(4):735-40

Enhancement of epidermal carcinoma formation by prolactin in mice. Lupulescu A. **JNCI** 1985 Jun;74(6):1335-46

Skin cancer in renal transplant patients treated with cyclosporin [letter] Thompson JF, et al. **Lancet** 1985 Jan 19;1(8421):158-9

Skin cancer in patients treated with 8-methoxypsoralen plus longwave ultraviolet radiation. Halprin KM, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:185-9

Risk of skin tumors in psoralen- and ultraviolet A-treated patients. Henseler T, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:217-9

Carcinogenic risk of psoralen plus ultraviolet radiation therapy: evidence in humans. Stern RS. **Natl Cancer Inst Monogr** 1984 Dec;66:211-6

Re-PUVA. Lassus A. **Photodermatol** 1984 Dec;1(6):263-4

Suppression of the first stage of phorbol 12-tetradecanoate 13-acetate-effected tumor promotion in mouse skin by nontoxic inhibition of DNA synthesis. Kinzel V, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5858-62

Partial inversion of the initiation-promotion sequence of multistage tumorigenesis in the skin of NMRI mice. Fürstenberger G, et al. **Science** 1985 Oct 4;230(4721):76-8

[Asphalt exposure as the cause of skin cancer] Jørgensen NK. **Ugeskr Laeger** 1984 Sep 10;146(37):2832-3 (Eng. Abstr.) **(Dan)**

[Multiple bowenoid arsenic keratoses] Leyh F, et al. **Derm Beruf Umwelt** 1985;33(3):99-101 (Eng. Abstr.) **(Ger)**

[Multiple basalomas following long-term intake of arsenic] Kastl J, et al. **Dermatol Monatsschr** 1985;171(3):158-61 (Eng. Abstr.) **(Ger)**

[Arsenic-induced, multifocal basalioma as the cause of a chronic leg ulcer] Schroeder P, et al. **Fortschr Med** 1984 Nov 29;102(44):1128-30 (Eng. Abstr.) **(Ger)**

[Arsenicism, skin cancer and internal malignancies] Pines A, et al. **Harefuah** 1985 Feb 1;108(3):148-9 **(Heb)**

[The effects of ultraviolet ray, PUVA and retinoid on experimental carcinogenesis--including observations on -SH groups and S-S bonds during the process of carcinogenesis] Noguchi N, et al. **Nippon Hifuka Gakkai Zasshi** 1984 May;94(6):737-40 **(Jpn)**

[Comparison of the effect of different carcinogens on the skin of rats] Zabezhinskiĭ MA, et al. **Eksp Onkol** 1984; 6(5):24-7 (Eng. Abstr.) **(Rus)**

[Experimental data on the carcinogenic effect of fibrogenic petroleum pitch] Kazanin VI, et al. **Gig Tr Prof Zabol** 1984 Aug;(8):55-7 **(Rus)**

[Carcinogenic effect of a heavy catalytic gas oil] Karimov MA, et al. **Vopr Onkol** 1984;30(12):40-5 (Eng. Abstr.) **(Rus)**

[Effect of antioxidants on the carcinogenic and mutagenic activity of benzo[a]pyrene] Kirso UE, et al. **Vopr Onkol** 1985;31(4):70-5 (Eng. Abstr.) **(Rus)**

CLASSIFICATION

Making orderly the disorderly nevus. Elder DE. **Am J Dermatopathol** 1984 Summer;6 Suppl:175-6

A classification of melanocytic dysplasias and malignant melanomas. Reed RJ. **Am J Dermatopathol** 1984 Summer; 6 Suppl:195-206

Melanoma-in-situ: what's in a name? [editorial] Davis NC, et al. **Aust NZ J Surg** 1984 Aug;54(4):301-2

Borderline melanocytic tumors. Weedon D. **J Cutan Pathol** 1985 Jun-Aug;12(3-4):266-70

Capsule dermatopathology: clinicopathologic types of malignant melanoma--relevance to biologic behavior and diagnostic surgical approach. Murphy GF, et al. **J Dermatol Surg Oncol** 1985 Jul;11(7):674-82 (24 ref.)

[Establishment of a 2-stage prognostic classification of primary malignant melanoma derived from a multidimensional analysis and from an agreement study] Chastang C, et al. **Rev Epidemiol Sante Publique** 1984; 32(3-4):243-8 (Eng. Abstr.) **(Fre)**

COMPLICATIONS

Acrogeria with perforating elastoma and bony abnormalities. Venencie PY, et al. **Acta Derm Venereol (Stockh)** 1984; 64(4):348-51

Autoimmune thrombocytopenic purpura in the course of Kaposi's sarcoma--report of a case. Noah MS, et al. **Am J Hematol** 1985 Mar;18(3):319-23

Cavernous hemangioma of the retina, cutaneous angiomas, and intracranial vascular lesion by computed tomography and nuclear magnetic resonance imaging. Schwartz AC, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):483-7

Lack of association between intraocular melanoma and cutaneous dysplastic nevi. Taylor MR, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):478-82

Insulin dependent diabetes and goitre in a case of hypomelanosis of Ito (Incontinentia Pigmenti Achromians). Ong B, et al. **Ann Acad Med Singapore** 1985 Apr; 14(2):317-9

Lymphomatoid papulosis associated with plaque-stage and granulomatous mycosis fungoides. Kardashian JL, et al. **Arch Dermatol** 1985 Sep;121(9):1175-80

Hypercalcemia in association with cutaneous squamous cell carcinoma. Occurrence as a late complication of hidradenitis suppurativa. Sparks MK, et al. **Arch Dermatol** 1985 Feb;121(2):243-6

Angiomatoid malignant fibrous histiocytoma associated with marked bleeding arising in chronic radiodermatitis. Yamamoto Y, et al. **Arch Dermatol** 1985 Feb;121(2):275-6

Sclerodactyly in a patient with mycosis fungoides. Wei N, et al. **Arch Intern Med** 1985 Jan;145(1):139-40

Panniculitis associated with cutaneous T-cell lymphoma and cytophagocytic histiocytosis. Aronson IK, et al. **Br J Dermatol** 1985 Jan;112(1):87-96

Multicentric pigmented Bowen's disease of the genitalia associated with carcinoma in situ of the cervix. King CM, et al. **Br J Vener Dis** 1984 Dec;60(6):406-8

An arachnoid cyst in an 8-year-old boy with neurofibromatosis. Yoshioka H, et al. **Brain Dev** 1984; 6(6):551-3

Erythema annulare centrifugum and malignant histiocytosis--report of a case. Dodd HJ, et al. **Clin Exp Dermatol** 1984 Nov;9(6):608-13

The sign of Leser-Trélat associated with primary lymphoma of the brain. Kaplan DL, et al. **Cutis** 1984 Aug;34(2):164-5

Mycosis fungoides with monoclonal gammopathy, hypereosinophilia, and hyper-IgE. Palermo A, et al. **Dermatologica** 1984;169(4):194-6

Nocardia brasiliensis lymphocutaneous syndrome in a patient with lymphosarcoma. Wishnitzer R, et al. **Dermatologica** 1984;169(4):215-6

A case of squamous cell carcinoma in plantar ulcer in leprosy. Bobhate SK, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):653-5

Squamous cell carcinoma developing in trophic ulcers in leprosy--a case report. Kumar K, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):656-7

Halo eczema around melanocytic nevi. Brenan J, et al. **Int J Dermatol** 1985 May;24(4):226-9

Nevus of ito with sensory changes. Burge SM, et al. **Int J Dermatol** 1985 May;24(4):239-40

Acquired immunodeficiency syndrome (AIDS) and Kaposi's sarcoma. Martin J. **Int J Dermatol** 1984 Sep;23(7):483-6 (18 ref.)

Dysplastic nevus syndrome with multiple primary amelanotic melanomas in oculocutaneous albinism. Pehamberger H, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 2):731-5

Pigmented basal cell carcinoma and superficial spreading malignant melanoma: an unusual combination. Bhawan J, et al. **J Cutan Pathol** 1984 Dec;11(6):471-5

Coexistence of Kaposi's sarcoma and angioimmunoblastic lymphadenopathy. Friedman-Birnbaum R, et al. **J Dermatol Surg Oncol** 1985 Jan;11(1):76-9

Fucosidosis type 3 with angiokeratoma corporis diffusum. Honjoh M, et al. **J Dermatol (Tokyo)** 1985 Apr;12(2):174-82

Unusual sarcoma arising in lymphoedema. Fergusson CM, et al. **J R Soc Med** 1985 Jun;78(6):497-8

Mycosis fungoides associated with acanthosis nigricans. Neill SM, et al. **J R Soc Med** 1985 Jan;78(1):79-81

AIDS, Kaposi's sarcoma and the dermatologist [editorial] Smith NP. **J R Soc Med** 1985 Feb;78(2):97-9

No association between skin tags and colorectal adenomas [letter] Dalton AD, et al. **Lancet** 1985 Jun 8;1(8441):1332-3

Carcinoma in plantar ulcers in leprosy. Fleury RN, et al. **Lepr Rev** 1984 Dec;55(4):369-78

Kaposi's sarcoma and the diagnosis of acquired immunodeficiency syndrome. Case report and brief review. Kielhofner MA, et al. **Mo Med** 1984 Oct;81(10):662-6

Cerebral toxoplasmosis in acquired immuno deficiency syndrome. A comparative assisted tomographic and neuropathological study of a case. Gaston A, et al. **Neuroradiology** 1985;27(1):83-6

Management of squamous cell carcinoma in a patient with dominant-type epidermolysis bullosa dystrophica: a surgical challenge. Song IC, et al. **Plast Reconstr Surg** 1985 May;75(5):732-6

Angiokeratoma: a cause of scrotal bleeding. Parrotte DM. **South Med J** 1985 Apr;78(4):487-8

Port wine nevus associated with ipsilateral saccular aneurysms: treatment by intraarterial balloon trapping. Reid TL, et al. **Surg Neurol** 1985 May;23(5):541-4

Viral infections in kidney transplant recipients: lack of correlation with skin cancer. Kelly GE, et al. **Transplant Proc** 1985 Apr;17(2):1689-92

[Blue rubber bleb nevus syndrome and intussusception--a case report] Pan CH, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Oct;83(10):1058-63 (Eng. Abstr.) **(Chi)**

[Cutaneous achromia and malignant melanoma] Barrière H, et al. **Ann Dermatol Venereol** 1984;111(11):991-6 (Eng. Abstr.) **(Fre)**

[Epidermal nevus syndrome (of Solomon, Fretzin and Dewald)] Camacho Martinez F, et al. **Ann Dermatol Venereol** 1985;112(2):143-7 (Eng. Abstr.) **(Fre)**

[Histiocytosis X with neurologic syndrome. Treatment of a case with Velbe] Lods F, et al. **Bull Soc Ophtalmol Fr** 1984 Feb;84(2):137-9 (Eng. Abstr.) (Fre)

[Poikilodermatic type of large plaque parapsoriasis] Wätzig V, et al. **Dermatol Monatsschr** 1985;171(3):196-200 (Eng. Abstr.) (Ger)

[Specific gastrointestinal manifestations of a generalized cytomegalovirus infection in a patient with acquired immune deficiency syndrome] Krämer A, et al. **Dtsch Med Wochenschr** 1985 Mar 22;110(12):462-8 (Eng. Abstr.) (Ger)

[Kaposi's sarcoma of the skin and its relation to AIDS] Meigel W, et al. **Off Gesundheitswes** 1984 Oct; 46(10):519-21 (Ger)

[Hypophosphatemic osteomalacia of tumor origin: role of calcitonin and vitamin D] Isaia GC, et al. **Chir Organi Mov** 1984;69(4):407-12 (Eng. Abstr.) (Ita)

[Hepatic hemangiomatosis with congestive cardiac failure and development into a cholostatic hepatopathy] Zavota L, et al. **Pediatr Med Chir** 1984 Sep-Oct;6(5):621-4 (Eng. Abstr.) (Ita)

[A comparative study of idiopathic mucinosis follicularis and a symptomatic type associated with mycosis fungoides--with an observation on T cell subsets] Sudo S, et al. **Nippon Hifuka Gakkai Zasshi** 1984 May; 94(6):681-94 (Jpn)

[Two cases of recessive dystrophic epidermolysis bullosa with squamous cell carcinoma] Takijiri C, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Dec;94(14):1591-7 (Jpn)

[Eosinophilia and hepatocellular carcinoma associated with von Recklinghausen's disease] Komai K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Dec;81(12):3019-22 (Jpn)

[Malignant melanoma in a child with extensive vascular nevus] Krieger AM. **Patol Pol** 1984 Jul-Sep;35(3):397-402 (Eng. Abstr.) (Pol)

[Criteria for malignization of long unhealed wounds and trophic ulcers] Izmaĭlov GA, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):48-52 (Eng. Abstr.) (Rus)

[A case of neurofibromatosis with multiple tumors and lesions of the nervous system] Olisova MO, et al. **Vestn Dermatol Venerol** 1985 May;(5):39-41 (Eng. Abstr.) (Rus)

[Primary lymphoma of the skin in a 10-year-old child with dermatomyositis] Lehotská V, et al. **Cesk Pediatr** 1984 Sep; 39(9):528-31 (Eng. Abstr.) (Slo)

CONGENITAL

Giant congenital nevus as a basis for the development of malignant melanoma. Zielinski A, et al. **Acta Chir Plast** 1985;27(2):98-103

All small congenital nevi need not be removed. Clemmensen O, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:189-94

Fibrodysplasia ossificans progressiva presenting as fibrous scalp nodules. McFarland GS, et al. **Cleve Clin Q** 1984 Fall;51(3):549-52

Congenital smooth muscle hamartoma. Berger TG, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 2):709-12

Estrogen and progesterone receptors in congenital melanocytic nevi. Ellis DL, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):235-44

Cutaneous bronchogenic cyst with papilloma and sinus presentation. Miller OF 3d, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 2):367-71

Management of congenital nevocytic nevi: a survey of current practices. Sweren RJ. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):629-34

Childhood malignant nevus giganticus. Mitra S, et al. **J Indian Med Assoc** 1984 Sep;82(9):335-6, 339

Solitary congenital fibromatosis of the scalp: a case report. Fraser GC, et al. **J Pediatr Surg** 1985 Jun;20(3):221-3

Melanotic neuroectodermal tumor of infancy (retinal anlage tumor). Lamping KA, et al. **Ophthalmology** 1985 Jan; 92(1):143-9

The management of congenital nevocytic nevi. **Pediatr Dermatol** 1984 Oct;2(2):143-56

Congenital, spontaneously regressing histiocytosis: case report and review of the literature. Kapila PK, et al. **Pediatr Dermatol** 1985 Jul;2(4):312-7

Congenital smooth muscle hamartoma of the skin. Metzker A, et al. **Pediatr Dermatol** 1984 Jul;2(1):45-8

Abdominoplasty in infants for removal of giant congenital nevi: a report of three cases. Marchac D, et al. **Plast Reconstr Surg** 1985 Feb;75(2):155-8

[Association of an epithelial dermoid with alopecia and a sebaceous verrucose nevus: hologynic hereditary malformations] Streiff EB, et al. **Ophthalmologica** 1985; 190(2):67-71 (Eng. Abstr.) (Fre)

[Encephalocraniocutaneous lipomatosis and linear naevus sebaceus] Schlack HG, et al. **Monatsschr Kinderheilkd** 1985 Apr;133(4):235-7 (Eng. Abstr.) (Ger)

[Clinico-developmental study of congenital nevi on a sample of 3,072 newborn infants. I. Features at birth and in the first 2 years] Zina G, et al. **G Ital Dermatol Venereol** 1985 Jan-Feb;120(1):5-15 (Eng. Abstr.) (Ita)

[Multiple congenital fibromatosis] López Sánchez C, et al. **An Esp Pediatr** 1984 Oct 31;21(6):616-8 (Spa)

DIAGNOSIS

The Klippel-Trenaunay syndrome with acro-angiodermatitis (pseudo-Kaposi's sarcoma). Kofoed ML, et al. **Acta Derm Venereol (Stockh)** 1985;65(1):75-7

From the National Institutes of Health. Precursors to malignant melanoma. **Am J Dermatopathol** 1984 Summer; 6 Suppl:169-74

Histopathologists can diagnose malignant melanoma in situ correctly and consistently. Ackerman AB. **Am J Dermatopathol** 1984 Summer;6 Suppl:103-7

A program for detection of early lesions of cutaneous malignant melanoma in the province of Trento (Italy). Cristofolini M, et al. **Am J Dermatopathol** 1984 Summer; 6 Suppl:283-5

New immunocytochemical observations with diagnostic significance in cutaneous neuroendocrine carcinoma. Hoefler H, et al. **Am J Dermatopathol** 1984 Dec;6(6):525-30

An occult primary malignant melanoma in a black. Initial diagnosis by aspiration biopsy cytology of a metastasis. Kannan V, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:265-70

Differentiation of melanocytic nevi from malignant melanomas in palms, soles, and nail beds solely by signs in the cornified layer of the epidermis. Kerl H, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:159-60

Pseudobullous malignant melanoma in situ. A pitfall in diagnosis. Lefer LG. **Am J Dermatopathol** 1984 Summer; 6 Suppl:261-4

On biopsying lesions suspected of being malignant melanomas [letter] Rampen FH, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:350-1

Preventing deaths from malignant melanomas. Redman JC, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:277-82

Head and neck melanoma in 534 clinical Stage I patients. A prognostic factors analysis and results of surgical treatment. Urist MM, et al. **Ann Surg** 1984 Dec; 200(6):769-75

Subungual keratoacanthoma: a variant of verrucous squamous cell carcinoma of the skin. Scarani P, et al. **Appl Pathol** 1983 Nov-Dec;1(6):339-42

Pathology quiz case 1: cutaneous leiomyoma (familial). Butler DF. **Arch Dermatol** 1984 Dec;120(12):1618-20

Arm tumor resembling a supernumerary nipple. Toback AC. **Arch Dermatol** 1985 Jul;121(7):927, 930

Nevoid malignant melanoma. Schmoeckel C, et al. **Arch Dermatol Res** 1985;277(5):362-9

Immunocytoma of the skin simulating lymphadenosis benigna cutis. van der Putte SC, et al. **Arch Dermatol Res** 1985; 277(1):36-43

Formaldehyde-induced fluorescence in melanomas and other lesions. Diagnostic significance and mechanism of fluorescence. Dalal BI, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):551-4

Melanoma: issues of importance to the clinician. Davis NC. **Br J Hosp Med** 1985 Mar;33(3):166-70

Early detection of malignant melanoma: the role of physician examination and self-examination of the skin. Friedman RJ, et al. **CA** 1985 May-Jun;35(3):130-51

Epidermotropic malignant melanoma: the distinction between metastatic and new primary lesions in the skin. Jackson R. **Can J Surg** 1984 Nov;27(6):533-5 (10 ref.)

Leukemia cutis presenting as a chronic herpes zoster ulceration. Mikesell JF, et al. **Cleve Clin Q** 1984 Winter; 51(4):667-9

The discriminatory diagnostic ability of beta 2-microglobulin labelling in viral warts, pseudoepitheliomatous hyperplasia and verrucous carcinoma of the skin. Holden CA, et al. **Clin Exp Dermatol** 1985 May;10(3):217-21

Pseudomelanoma in a black patient. Bruce DR, et al. **Cutis** 1985 Jul;36(1):73-4

Leukemia cutis mimicking stasis dermatitis. Butler DF, et al. **Cutis** 1985 Jan;35(1):47-8

A histologically occult lymphoma revealed by electron microscopy. Shelley WB, et al. **Cutis** 1985 Mar; 35(3):238-44

A variant of encephalomeningocele: heterotopic brain tissue on the scalp. Tanii T, et al. **Dermatologica** 1984; 169(6):354-8

Differentiating seborrheic keratosis from skin neoplasm. Cashmore RW, et al. **Geriatrics** 1985 Jul;40(7):69-71, 74-5

Pilomatrixoma of the head and neck. Toback JM, et al. **Head Neck Surg** 1984 Oct;7(1):81-4

De Sanctis and Cacchione's syndrome. Sarveswari KN, et al. **Indian Pediatr** 1984 Jun;21(6):497-500

Dermatofibrosarcoma protuberans. Gutiérrez G, et al. **Int J Dermatol** 1984 Jul-Aug;23(6):396-401

Mycosis fungoides. Unsolved problems of diagnosis and choice of therapy. McFadden NC. **Int J Dermatol** 1984 Oct;23(8):523-30 (56 ref.)

Malignant melanoma in Jordan. Oumeish OY. **Int J Dermatol** 1984 Sep;23(7):480-2

Woringer-Kolopp disease. A form of mycosis fungoides. Waitzer S, et al. **Int J Dermatol** 1984 Nov;23(9):610-2

Cutaneous B cell lymphoma: diagnostic use of monoclonal antibodies. Hanno R, et al. **J Am Acad Dermatol** 1985 Aug; 13(2 Pt 2):373-7

Crucial importance of the complete skin examination [letter] Kaminester LH. **J Am Acad Dermatol** 1985 Jul;13(1):150-3

T cell subset heterogeneity in a series of patients with mycosis fungoides and Sézary syndrome. Piepkorn M, et al. **J Am Acad Dermatol** 1984 Sep;11(3):427-32

Mucinous syringometaplasia. Scully K, et al. **J Am Acad Dermatol** 1984 Sep;11(3):503-8

Nodular lymphoid disease of the head and neck: lymphocytoma cutis, benign lymphocytic infiltrate of Jessner, and their distinction from malignant lymphoma. Van Hale HM, et al. **J Am Acad Dermatol** 1985 Mar; 12(3):455-61

Early diagnosis of Mycosis fungoides: vacuolar interface dermatitis. Everett MA. **J Cutan Pathol** 1985 Jun-Aug; 12(3-4):271-8

The value of carcinoembryonic antigen in differentiating sclerosing epithelial hamartoma from syringoma. Landau-Price D, et al. **J Cutan Pathol** 1985 Feb;12(1):8-12

Distinguishing cancer and noncancer. Elder DE. **J Invest Dermatol** 1985 Jul;85(1):1-3

Monoclonal antibodies selected to discriminate between malignant melanomas and nevocellular nevi. Ruiter DJ, et al. **J Invest Dermatol** 1985 Jul;85(1):4-8

Pigmented moles in children [letter] Milton GW. **Med J Aust** 1984 Dec 8-22;141(12-13):903

Prevention of melanoma by recognition of its precursors [editorial] Fitzpatrick TB, et al. **N Engl J Med** 1985 Jan 10;312(2):115-6

Melanoma masquerading as Spitz nevus following acute lymphoblastic leukemia. Goldes J, et al. **Pediatr Dermatol** 1984 Apr;1(4):295-8

Skin surface stripping in diagnosing and monitoring inflammatory, xerotic, and neoplastic diseases. Pierard-Franchimont C, et al. **Pediatr Dermatol** 1985 Mar; 2(3):180-4

Multiple pilomatricomas (calcifying epitheliomas of Malherbe). Schlechter R, et al. **Pediatr Dermatol** 1984 Jul; 2(1):23-5

[Early diagnosis of malignant melanoma of the skin] Belšan I. **Cas Lek Cesk** 1985 Jun 28;124(26):813-5 (Eng. Abstr.) (Cze)

[Endometriosis, predisposition and prevention] Berger LW, et al. **Ned Tijdschr Geneeskd** 1985 Apr 20;129(16):737-40 (Eng. Abstr.) (Dut)

[Consensus melanoma of the skin] Rampen FH, et al. **Ned Tijdschr Geneeskd** 1985 Apr 27;129(17):785-8 (Eng. Abstr.) (Dut)

[Comparative clinical study of pyogenic granuloma and amelanotic melanoma of the skin] Scholtes JH, et al. **Ned Tijdschr Geneeskd** 1985 Feb 9;129(6):256-60 (Eng. Abstr.) (Dut)

[Kasabach-Merritt syndrome in infants. 2 cases] Guillet G, et al. **Ann Dermatol Venereol** 1985;112(5):425-32 (Eng. Abstr.) (Fre)

[Spitz juvenile melanoma (multiple form)] Prigent F. **Ann Pediatr (Paris)** 1984 Oct;31(8):673-5 (Eng. Abstr.) (Fre)

[Darier-Ferrand dermatofibrosarcoma. Study of 96 cases over 15 years] Petoin DS, et al. **Chirurgie** 1985;111(2):132-8 (Eng. Abstr.) (Fre)

[Mycosis fungoides] Hoyez A, et al. **Rev Med Brux** 1984 Dec;5(10):671-5 (Eng. Abstr.) (Fre)

[Multicentric reticulohistiocytosis] Verrault JM. **Union Med Can** 1984 Jun;113(6):470-1 (Fre)

[Malignant melanomas in pregnancy] Landthaler M, et al. **Dtsch Med Wochenschr** 1985 Aug 30;110(35):1319-23 (Eng. Abstr.) (Ger)

[The malignant melanoma in situ: the flat, curable stage of malignant melanoma] Ackerman AB. **Hautarzt** 1985 Jun; 36(6):317-9 (Ger)

[Undifferentiated cutaneous angiosarcoma of the head: identification by the endothelial marker Ulex europaeus agglutinin I] Bork K, et al. **Hautarzt** 1985 Jun;36(6):341-6 (Eng. Abstr.) (Ger)

[2 basaliomas of the lower leg in a 60-year-old female--one of them simulating ulcus cruris] Keilig W, et al. **Hautarzt** 1984 Oct;35(10):546-9 (Eng. Abstr.) (Ger)

[Infrared thermography in malignant melanoma. Diagnostic potential and limits] Michel U, et al. **Hautarzt** 1985 Feb; 36(2):83-9 (Eng. Abstr.) (Ger)

[Neoplasms and cutaneous paraneoplastic syndromes] Niebauer G. **Hautarzt** 1984 Nov;35(11):602-8 (Ger)

[Kaposi-like acroangiodermatitis (pseudokaposi)] Rüdlinger R. **Hautarzt** 1985 Feb;36(2):65-8 (Eng. Abstr.) (Ger)

[Multiple glomus tumors] Piechowiak H, et al. **Internist (Berlin)** 1984 Nov;25(11):709-11 (Ger)

[Diagnosis and operative treatment of nevi and hemangiomas in the area of the head and neck] Staindl O, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Nov;63(11):545-55 (Eng. Abstr.) (Ger)

[What is your diagnosis? Basalioma] Rufli T. **Schweiz Rundsch Med Prax** 1984 Sep 4;73(36):1073-4 (Ger)

[Malignant melanoma: early detection and prognosis] Wolff K, et al. **Wien Klin Wochenschr** 1985 May 10;97(10):451-5 (Ger)

[New viewpoints on the prognostic index in malignant melanomas] Keller D, et al. **Z Hautkr** 1985 Feb 1; 60(3):279-82 (Eng. Abstr.) (Ger)

[Importance of immunohistochemistry of skin tumors] Smolle J, et al. **Z Hautkr** 1985 Feb 15;60(4):329-37 (38 ref.) (Eng. Abstr.) (Ger)

[Immunological diagnosis of cutaneous lymphomas. II. Membrane receptor for Helix pomatia lectin on lymphocytes: a new immunohistological marker for T-lymphocytes and Sezary cells] Trost TH. **Z Hautkr** 1985 Jan;60(1-2):67-70 (Eng. Abstr.) (Ger)

[Blue rubber bleb nevus syndrome from the orthopedic viewpoint] van den Eeden F, et al. **Z Orthop** 1984 Nov-Dec;122(6):860-2 (Eng. Abstr.) (Ger)

[Skin changes and jaw cysts--case reports of the basal cell nevus syndrome] Zenk W, et al. **Zahn Mund Kieferheilkd** 1984;72(6):559-65 (Eng. Abstr.) **(Ger)**

[Diagnosis, therapy and prognosis of tumors of the skin in the aged] Miehe M. **ZFA** 1985 May-Jun;40(3):149-53 **(Ger)**

[Kaposi's sarcoma] Hayasaka K, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1749-54 (Eng. Abstr.) **(Jpn)**

[Clinical application of monoclonal antibodies to human malignant melanoma-associated antigens] Kageshita T, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1744-8 (Eng. Abstr.) **(Jpn)**

[T cell subsets and nuclear contour index of skin-infiltrating T cells in mycosis fungoides and Sézary syndrome] Iwahara K. **Nippon Hifuka Gakkai Zasshi** 1984 Nov;94(13):1499-507 **(Jpn)**

[Cytodiagnosis of malignant melanoma by the formaldehyde-induced fluorescence method] Morishima T, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Mar;95(4):505-8 **(Jpn)**

[A study on quick diagnosis during surgery of malignant melanoma with the touch-fluorescence method] Nagashima N, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Apr;95(5):597-602 **(Jpn)**

[Cases of malignant neoplasms of soft tissues of the scalp] Polis L, et al. **Neurol Neurochir Pol** 1984 Nov-Dec; 18(6):599-604 (Eng. Abstr.) **(Pol)**

[Pheochromocytoma with extra-adrenal localization associated with neurofibromatosis] Mizan K, et al. **Pol Tyg Lek** 1984 Jun 11;39(24):833-5 (Eng. Abstr.) **(Pol)**

[Keratoacanthoma] Samochocki Z. **Przegl Dermatol** 1984 Mar-Apr;71(2):177-80 (47 ref.) **(Pol)**

[Fibrosarcoma protuberans of the skin (dermatofibrosarcoma protuberans)] Samochocki Z, et al. **Przegl Dermatol** 1984 May-Jun;71(3):265-7 (Eng. Abstr.) **(Pol)**

[Kaposi's sarcoma] Zabel J, et al. **Przegl Dermatol** 1984 Mar-Apr;71(2):141-4 (Eng. Abstr.) **(Pol)**

[Linear pigmented hairy nevus verrucosus] Belova LV. **Vestn Dermatol Venerol** 1985 May;(5):49-50 (Eng. Abstr.) **(Rus)**

[Verruca seborrheica (the problems of its clinical picture, pathogenesis, morphology and therapy)] Berenbein BA, et al. **Vestn Dermatol Venerol** 1985 Jan;(1):38-41 (73 ref.) **(Rus)**

[Symptomatology, clinical forms and variants of Kaposi's sarcoma] Kalamkarian AA, et al. **Vestn Dermatol Venerol** 1984 Nov;(11):4-7 (Eng. Abstr.) **(Rus)**

[Clinical and immunological characteristics of erythrodermal lymphomas of the skin] Shaposhnikov OK, et al. **Vestn Dermatol Venerol** 1985 Jan;(1):4-9 (Eng. Abstr.) **(Rus)**

[9 cases of Merkel cell tumor published in the Spanish literature (letter)] Velasco J, et al. **Med Clin (Barc)** 1985 Jun 15;85(3):124 **(Spa)**

[Case for diagnosis. Dermatofibrosis lenticularis disseminata] Molgó Novell M. **Med Cutan Ibero Lat Am** 1985;13(1):81-2 **(Spa)**

DRUG THERAPY

Retinoid dermatitis mimicking progression in mycosis fungoides: a report from the Scandinavian Mycosis Fungoides Group. Molin L, et al. **Acta Derm Venereol (Stockh)** 1985;65(1):69-71

Systemic polychemotherapy in patients with mycosis fungoides and lymph node involvement: a follow-up study of 17 patients. Sentis HJ, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):179-83

13-cis-retinoic acid effective in mycosis fungoides. A report from the Scandinavian Mycosis Fungoides Group. Thomsen K, et al. **Acta Derm Venereol (Stockh)** 1984; 64(6):563-6

Trichoepithelioma, cystic acne and 13-cis-retinoic acid. Van Voorst Vader PC, et al. **Acta Derm Venereol (Stockh)** 1984; 64(4):360-1

Topical nitrogen mustard in early mycosis fungoides. A 12-year experience. Zachariae H, et al. **Acta Derm Venereol (Stockh)** 1985;65(1):53-8

Phase II evaluation of L-alanosine (NSC-153353) for patients with disseminated malignant melanoma. Creagan ET, et al. **Am J Clin Oncol** 1984 Oct;7(5):543-4

Adjuvant chemotherapy of malignant melanoma. A pilot study. Hansson J, et al. **Am J Clin Oncol** 1985 Feb; 8(1):47-50

A phase II study of dibromodulcitol (DBD) in stage IV melanoma. Hopkins J, et al. **Am J Clin Oncol** 1984 Oct; 7(5):555-6

Streptozotocin for metastatic malignant melanoma. Lokich JJ, et al. **Am J Clin Oncol** 1985 Feb;8(1):45-6

Protracted vinblastine infusion. Phase I-II study in malignant melanoma and other tumors. Lokich JJ, et al. **Am J Clin Oncol** 1984 Oct;7(5):551-3

Epifocal dinitrochlorobenzene therapy in malignant melanoma (experience during the last eight years). Illig L, et al. **Anticancer Res** 1984 Jul-Oct;4(4-5):293-8

Fluorouracil paste treatment of thin basal cell carcinomas. Epstein E. **Arch Dermatol** 1985 Feb;121(2):207-13

Confluent and reticulate papillomatosis [letter] Kellet JK, et al. **Arch Dermatol** 1985 May;121(5):587-8

Response of mycosis fungoides to topical chemotherapy with mechlorethamine. Ramsay DL, et al. **Arch Dermatol** 1984 Dec;120(12):1585-90

Arterial infusion of dacarbazine and cisplatin for recurrent regionally confined melanoma. Frost DB, et al. **Arch Surg** 1985 Apr;120(4):478-80

Postsurgical adjuvant treatment of malignant melanoma patients by the thymic factor thymostimulin. Azizi E, et al. **Arzneimittelforsch** 1984;34(9):1043-7

A case of mycosis fungoides treated with etretinate. Wargon O, et al. **Australas J Dermatol** 1984 Aug;25(2):77-9

Isolated regional perfusion; anaesthetic technique, monitoring and blood replacement. Goldberg ME, et al. **Can Anaesth Soc J** 1984 Sep;31(5):552-8

Chemotherapy for metastatic Merkel cell carcinoma. George TK, et al. **Cancer** 1985 Sep 1;56(5):1034-8

Cisplatin and doxorubicin. An effective chemotherapy combination in the treatment of advanced basal cell and squamous carcinoma of the skin. Guthrie TH Jr, et al. **Cancer** 1985 Apr 15;55(8):1629-32

A clinical and pharmacokinetic study of isolated limb perfusion with heat and melphalan for melanoma. Minor DR, et al. **Cancer** 1985 Jun 1;55(11):2638-44

The safe use of cisplatin in hyperthermic isolated limb perfusion systems. Roseman JM, et al. **Cancer** 1985 Aug 15;56(4):742-4

Dosimetry of cytostatics in hyperthermic regional isolated perfusion. van Os J, et al. **Cancer** 1985 Feb 15;55(4):698-701

The use of BELD combination chemotherapy (bleomycin, vindesine, CCNU, and DTIC) in advanced malignant melanoma. Young DW, et al. **Cancer** 1985 May 1; 55(9):1879-81

Inhibition of 7,12-dimethylbenz(a)anthracene-induced skin papillomas and carcinomas by dehydroepiandrosterone and 3-beta-methylandrost-5-en-17-one in mice. Pashko LL, et al. **Cancer Res** 1985 Jan;45(1):164-6

Combination cytotoxic chemotherapy with procarbazine, vincristine, and lomustine (POC) in disseminated malignant melanoma: 8 years' follow-up. Carmo-Pereira J, et al. **Cancer Treat Rep** 1984 Oct;68(10):1211-4

Phase II trial of gallium nitrate in patients with advanced malignant melanoma. Casper ES, et al. **Cancer Treat Rep** 1985 Sep;69(9):1019-20

Phase II study of mitolactol in advanced malignant melanoma. Murray N, et al. **Cancer Treat Rep** 1985 Jun; 69(6):723-4

Lomustine, vincristine, and procarbazine in the treatment of metastatic malignant melanoma. Shelley W, et al. **Cancer Treat Rep** 1985 Sep;69(9):941-4

Retinoids and multiple trichoepitheliomata [letter] Harrison PV. **Clin Exp Dermatol** 1985 Mar;10(2):182

Retinoids in oncology. Mahrle G. **Curr Probl Dermatol** 1985; 13:128-63 (265 ref.)

Intralesional chemotherapy for Kaposi's sarcoma. Brambilla L, et al. **Dermatologica** 1984;169(3):150-5

A case of squamous cell carcinoma treated by intralesional injection of oil bleomycin. Tanigaki T, et al. **Dermatologica** 1985;170(6):302-5

Preliminary report of a pilot study of photoradiation therapy for the treatment of superficial malignancies of the skin, head and neck. Carruth JA, et al. **Eur J Surg Oncol** 1985 Mar;11(1):47-50

Towards a rational perfusion strategy for malignant melanoma. Rampen FH. **Eur J Surg Oncol** 1985 Jun; 11(2):117-8

Topical nitrogen mustard in mycosis fungoides. Zachariae H. **Int J Clin Pharmacol Res** 1985;5(3):193-8

Remission in skin infiltrate of a patient with mycosis fungoides treated with cyclosporine. Maddox AM, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 2):952-6

Angiolymphoid hyperplasia demonstrating extensive skin and mucosal lesions controlled with vinblastine therapy. Massa MC, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 2):333-9

Treatment of cutaneous T cell lymphoma with cyclosporin A [letter] Moreland AA, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):886-7

Plantar fibromatosis responds to intralesional steroids. Pentland AP, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):212-4

Pilot trial of murine monoclonal antibodies in patients with advanced melanoma. Goodman GE, et al. **J Clin Oncol** 1985 Mar;3(3):340-52

Relation of in vitro colony survival to clinical response in a prospective trial of single-agent chemotherapy for metastatic melanoma. Meyskens FL Jr, et al. **J Clin Oncol** 1984 Nov;2(11):1223-8

Effects of topical retinoic acid on intracutaneously implanted S91 melanoma in mice. Levine N. **J Invest Dermatol** 1985 Aug;85(2):89-92

Immunomodulatory and antiproliferative effect of recombinant alpha, beta, and gamma interferons on cultured human malignant squamous cell lines, SCL-1 and SW-1271. Nickoloff BJ, et al. **J Invest Dermatol** 1985 Jun; 84(6):487-90

Effect of variation of drug dosage on disease control and regional toxicity in prophylactic perfusion for Stage I extremity melanoma. Mikhail RA, et al. **J Surg Oncol** 1984 Dec;27(4):215-8

Mycosis fungoides treated with acyclovir [letter] Mahrle G, et al. **JAMA** 1985 Feb 15;253(7):977

Antitumor activity of vitamin A and its derivatives. Muto Y, et al. **JNCI** 1984 Dec;73(6):1389-93

Dipyridamole for treatment of melanoma [letter] Rhodes EL, et al. **Lancet** 1985 Mar 23;1(8430):693

Progression of mycosis fungoides during cimetidine therapy [letter] Sterry W, et al. **Lancet** 1985 Feb 16;1(8425):396

Hematoporphyrin derivative and laser photodynamical reaction in the diagnosis and treatment of malignant tumors. Song SZ, et al. **Lasers Surg Med** 1985;5(1):61-6

Treatment of basal cell carcinoma with 13-cis-retinoic acid. Sankowski A, et al. **Neoplasma** 1984;31(5):615-8

Conjunctival involvement with mycosis fungoides in a patient receiving PUVA therapy. O'Day J, et al. **Ophthalmology** 1985 Jan;92(1):109-13

Treatment of mouse carcinomas with intratumoral injections of hematoporphyrin derivative and red light. Moseng D, et al. **Photodermatol** 1985 Apr;2(2):107-10

Photoradiation therapy for cutaneous and subcutaneous malignant tumors using hematoporphyrin. Tomio L, et al. **Prog Clin Biol Res** 1984;170:829-40

[Photo-oncotherapy: an alternative for the treatment of superficial cutaneous cancers (letter)] Lane-Brown MM, et al. **Ann Dermatol Venereol** 1984;111(9):851 **(Fre)**

[Cowden's disease: efficacy of etretinate on cutaneous and digestive manifestations] Thivolet J, et al. **Ann Dermatol Venereol** 1984;111(11):1017-8 **(Fre)**

[Problems raised by the treatment of Kaposi's sarcoma in subjects with AIDS] Félix H, et al. **Bull Soc Pathol Exot Filiales** 1984;77(4 Pt 2):592-8 (Eng. Abstr.) **(Fre)**

[Diagnosis and therapy of cutaneous T-cell lymphomas] Le T, et al. **Dermatologica** 1984;169(2):60-5 (Eng. Abstr.) **(Fre)**

[Hyperthermic isolation perfusion of the extremities in malignant melanomas and soft tissue sarcomas] Tonak J, et al. **Chirurg** 1984 Aug;55(8):499-504 **(Ger)**

[Isolated hyperthermic extremity perfusion with vindesine, dacarbazine and cisplatin in the treatment of malignant melanomas] Aigner KR, et al. **Onkologie** 1984 Dec; 7(6):348-53 (Eng. Abstr.) **(Ger)**

[Budd-Chiari syndrome following dacarbazine therapy of malignant melanoma--an avoidable complication?] Leyh F, et al. **Z Hautkr** 1985 Jun 15;60(12):961-72 (Eng. Abstr.) **(Ger)**

[Retinoids and carcinogenesis] Mahrle G. **Z Hautkr** 1984 Dec 15;59(24):1655-6 **(Ger)**

[Treatment of mycosis fungoides with Zovirax (acyclovir). Study of 2 patients] Mahrle G, et al. **Z Hautkr** 1985 Apr 1;60(7):602-7 (Eng. Abstr.) **(Ger)**

[Phase III controlled studies of bestatin in malignant tumors of the skin--results of treatment of squamous cell carcinoma and genital Paget's disease] Ikeda S, et al. **Gan To Kagaku Ryoho** 1985 Jun;12(6):1260-6 (Eng. Abstr.) **(Jpn)**

[Phase III study of bestatin in patients with malignant skin tumors. (1) Malignant melanoma] Ikeda S, et al. **Gan To Kagaku Ryoho** 1985 Jan;12(1):77-85 (Eng. Abstr.) **(Jpn)**

[Utilization of melanin precursors for experimental chemotherapy of malignant melanoma] Jimbow K, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2125-32 (Eng. Abstr.) **(Jpn)**

[Control of multiple skin and lung metastasis of malignant melanoma by combined DAV and OK-432 chemoimmunotherapy in association with large-scale administration of indomethacin] Maeda K, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2434-7 (Eng. Abstr.) **(Jpn)**

[Multiple reticulohistiocytoma successfully treated with prospidin and prednisolone] Kalamkarian AA, et al. **Vestn Dermatol Venerol** 1985 May;(5):24-7 (Eng. Abstr.) **(Rus)**

[Photochemotherapy of mycosis fungoides] Pozdniakov OL, et al. **Vestn Dermatol Venerol** 1984 Sep;(9):48-51 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Protective enzymes in human epidermal carcinomas and psoriasis. Borrello S, et al. **Arch Dermatol Res** 1984; 276(5):338-40

Expression of neurofilament and neuron-specific enolase in small cell tumors of skin using immunohistochemistry. Leff EL, et al. **Cancer** 1985 Aug 1;56(3):625-31

Inhibitory effects of glutathione level-raising agents and D-alpha-tocopherol on ornithine decarboxylase induction and mouse skin tumor promotion by 12-O-tetradecanoylphorbol-13-acetate. Perchellet JP, et al. **Carcinogenesis** 1985 Apr;6(4):567-73

Alkaline phosphatase positive lymphoma. Geerts ML, et al. **Dermatologica** 1984;169(6):342-7

Purification and properties of a nucleoside triphosphatase from Sinclair swine. Williams MV. **Enzyme** 1984; 32(4):201-7

A type-II DNA topoisomerase and a catenating protein from the transplantable VX2 carcinoma. Riou GF, et al. **Eur J Biochem** 1985 Feb 1;146(3):483-8

Alpha 1-antitrypsin and lysozyme in fibrous papules and angiofibromas. Kwan TH, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):99-101

Characterization of adenosine deaminase from normal human epidermis and squamous cell carcinoma of the skin. Koizumi H, et al. **J Invest Dermatol** 1985 Mar; 84(3):199-202

[Serum L-DOPA oxidase activity in patients with malignant cutaneous melanoma] Lukács L, et al. **Orv Hetil** 1984 Oct

7;125(41):2483-6 (Eng. Abstr.) **(Hun)**

[Immuno- and enzyme histochemical study on mycosis fungoides] Nakada Y, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Aug;94(9):1055-9 **(Jpn)**

[Plasminogen activator inhibitor activity of cultured cancer bearing and non-bearing xeroderma pigmentosum fibroblasts] Ueda M, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Apr;95(5):571-5 **(Jpn)**

ETIOLOGY

Late complications after irradiation treatment for cervical adenitis in childhood. A 60-year follow-up study. Bergström B, et al. **Acta Otolaryngol (Stockh)** 1985 Jul-Aug;100(1-2):151-60

Basal cell epithelioma occurring in an epidermal nevus. Taki T, et al. **Acta Pathol Jpn** 1984 Jul;34(4):859-62

Postirradiation hemangiosarcoma of the chest wall. Report of a case. Lo TC, et al. **Acta Radiol [Oncol]** 1985 May-Jun;24(3):237-40

Postirradiation malignant fibrous histiocytoma. Goette DK, et al. **Arch Dermatol** 1985 Apr;121(4):535-8

Pseudo-Kaposi's sarcoma of the hand associated with an acquired, iatrogenic arteriovenous fistula. Goldblum OM, et al. **Arch Dermatol** 1985 Aug;121(8):1038-40

Kaposi's sarcoma localized to the site of previous vascular surgery [letter] Schamroth JM, et al. **Arch Dermatol** 1985 Aug;121(8):969-70

Ultraviolet carcinogenesis in the hairless mouse skin. Influence of the sunscreen 2-ethylhexyl-p-methoxycinnamate. Gallagher CH, et al. **Aust J Exp Biol Med Sci** 1984 Oct;62 (Pt 5):577-88

Non-melanotic skin cancer and solar keratoses in Victoria--clinical studies II. Goodman GJ, et al. **Australas J Dermatol** 1984 Dec;25(3):103-6

Sun exposure and the risk of melanoma. Green A. **Australas J Dermatol** 1984 Dec;25(3):99-102

Sunburn, suntan and the risk of cutaneous malignant melanoma--The Western Canada Melanoma Study. Elwood JM, et al. **Br J Cancer** 1985 Apr;51(4):543-9

Sunburn and malignant melanoma. Green A, et al. **Br J Cancer** 1985 Mar;51(3):393-7

Cutaneous malignant melanoma in women: exogenous sex hormones and reproductive factors. Holman CD, et al. **Br J Cancer** 1984 Nov;50(5):673-80

Do malignant melanoma cells arise from the hair follicle? [letter] Tobacman JK. **Br J Dermatol** 1985 Jun;112(6):727-8

The role of trauma in the aetiology of malignant melanoma: a review article. Briggs JC. **Br J Plast Surg** 1984 Oct;37(4):514-6 (34 ref.)

Nodular malignant melanoma and multiple squamous cell carcinomas in a patient treated by photochemotherapy for psoriasis. Kemmett D, et al. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1498

Risk factors of squamous cell carcinoma of the skin. A case-control study in the Montreal region. Aubry F, et al. **Cancer** 1985 Feb 15;55(4):907-11

Association of resistance to terminal differentiation with initiation of carcinogenesis in adult mouse epidermal cells. Kawamura H, et al. **Cancer Res** 1985 Jun;45(6):2748-52

Epidermodysplasia verruciformis. Lutzner MA, et al. **Curr Probl Dermatol** 1985;13:164-85 (57 ref.)

Osteoma cutis: a case of probable exacerbation following treatment of severe acne with isotretinoin. Brodkin RH, et al. **Dermatologica** 1985;170(4):210-2

Malignant melanoma associated with mycosis fungoides. Flindt-Hansen H, et al. **Dermatologica** 1984;169(4):167-8

Malignant transformation of anal skin tags in Crohn's disease. Somerville KW, et al. **Gut** 1984 Oct;25(10):1124-5

Initiation and promotion actions of ultraviolet radiation on malignant melanoma. Elwood JM. **IARC Sci Publ** 1984;(56):421-40

Papillomaviruses and skin cancer in Africa. Lutzner MA. **IARC Sci Publ** 1984;(63):607-23

Early- and late-stage carcinogenesis in mouse skin and in man. Peto J. **IARC Sci Publ** 1984;(56):359-71

Cutaneous melanoma in relation to intermittent and constant sun exposure--the Western Canada Melanoma Study. Elwood JM, et al. **Int J Cancer** 1985 Apr 15;35(4):427-33

Cutaneous angiosarcoma in a site of healed herpes zoster. Hudson CP, et al. **Int J Dermatol** 1984 Jul-Aug;23(6):404-7

Basal cell carcinoma and breast carcinoma following repeated fluoroscopic examinations of the chest. Myskowski PL, et al. **Int J Dermatol** 1985 Mar;24(2):122-3

Basal cell carcinoma following chronic otitis media. Myskowski PL, et al. **Int J Dermatol** 1985 Mar;24(2):120-1

Malignant transformation of hypertrophic lichen planus. Yesudian P, et al. **Int J Dermatol** 1985 Apr;24(3):177-8

A re-appraisal of risk factors for skin carcinoma in Ireland. A case control study. O'Loughlin C, et al. **Ir J Med Sci** 1985 Feb;154(2):61-5

Postirradiation angiosarcoma. Goette DK, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 2):922-6

Gigantic malignant melanoma in a thermal burn scar. Goldberg NS, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 2):949-52

Sun and malignant melanoma. Kopf AW, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):674-84 (104 ref.)

Photochemotherapy (PUVA) and skin cancer [letter] Leone GA, et al. **J Am Acad Dermatol** 1985 Jul;13(1):155-7

Skin cancer in immunosuppressed organ transplant recipients. Lutzner MA. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):891-3

Cutaneous angiomas in POEMS syndrome. Puig L, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 2):961-4

The relationship of sun exposure and solar elastosis to basal cell carcinoma. Zaynoun S, et al. **J Am Acad Dermatol** 1985 Mar;12(3):522-5

Basal-cell carcinoma resulting from radiation therapy for hypertrophic tonsils. Hanke CW, et al. **J Dermatol Surg Oncol** 1985 Feb;11(2):108-10

A study of experimental carcinogenesis on mouse dorsal skin using: ultraviolet, PUVA and retinoid. Noguchi N. **J Dermatol (Tokyo)** 1985 Apr;12(2):143-52

Altered patterns of cutaneous xenobiotic metabolism in UVB-induced squamous cell carcinoma in SKH-1 hairless mice. Das M, et al. **J Invest Dermatol** 1985 Jun;84(6):532-6

Nitrogen mustard (mechlorethamine) and UVB photocarcinogenesis: a dose response effect. Epstein JH. **J Invest Dermatol** 1984 Nov;83(5):320-2

Pachydermoperiostosis with multiple basal cell carcinomata. Thomas RH, et al. **J R Soc Med** 1985 Apr;78(4):335-7

Squamous cell carcinoma as a complication of dystrophic epidermolysis bullosa. Tidman MJ, et al. **J R Soc Med** 1984;77 Suppl 4:37-9

Metastasizing basal cell carcinoma developing in a gunshot wound in a black man. Lambert WC, et al. **J Surg Oncol** 1984 Oct;27(2):97-105

Foreign-body tumorigenesis in rats by various kinds of plastics--induction of malignant fibrous histiocytomas. Maekawa A, et al. **J Toxicol Sci** 1984 Aug;9(3):263-72

Sonographic demonstration of endometrioma arising in cesarean scar. Vincent LM, et al. **J Ultrasound Med** 1985 Aug;4(8):437-8

Cutaneous malignant melanoma and fluorescent lighting. English DR, et al. **JNCI** 1985 Jun;74(6):1191-7

Enhancement of two-stage skin carcinogenesis by exposure of distant skin to UV radiation. Strickland PT, et al. **JNCI** 1985 May;74(5):1129-34

Thorn injury preceding malignant melanoma of foot in Nigeria [letter] Otu AA. **Lancet** 1985 Jan 26;1(8422):220-1

Hormonal factors and melanoma in women. Green A, et al. **Med J Aust** 1985 Apr 15;142(8):446-8

Which pigmented moles should be removed in prepubertal-age children? A case for a conservative approach. Keipert JA. **Med J Aust** 1984 Oct 13;141(8):518-20

Sunlight and skin cancer [editorial] Fitzpatrick TB, et al. **N Engl J Med** 1985 Sep 26;313(13):818-20

Keratinocytes blocked in phorbol ester-responsive early stage of terminal differentiation by sarcoma viruses. Yuspa SH, et al. **Nature** 1985 Apr 4-10;314(6010):459-62

Neoplastic transformation of neonatal mouse skin fibroblasts in culture after a single exposure to ultraviolet radiation in vivo. Ananthaswamy HN. **Photodermatol** 1984 Jun;1(3):106-13

Risk of cutaneous carcinoma in psoriatic patients treated with PUVA. Eskelinen A, et al. **Photodermatol** 1985 Feb;2(1):10-4

A mesothelioma presenting with multicentric reticulohistiocytosis. Honeybourne D, et al. **Postgrad Med J** 1985 Jan;61(711):57-9

Basal cell carcinoma in a skin graft recipient site. Cox NH. **Practitioner** 1984 Nov;228(1397):997-8

Skin cancer incidence among children irradiated for ringworm of the scalp. Shore RE, et al. **Radiat Res** 1984 Oct;100(1):192-204

Life-style factors among patients with melanoma. Hicks N, et al. **South Med J** 1985 Aug;78(8):903-8

[Diagnosis and therapy of Marjolin's ulcer after burns] Poláček V, et al. **Rozhl Chir** 1985 Feb;64(2):156-60 (Eng. Abstr.) **(Cze)**

[Sunshine and malignant melanoma. A possible connection between sunburn and the development of malignant melanoma] Thestrup-Pedersen K, et al. **Ugeskr Laeger** 1985 Jun 3;147(23):1839-41 (Eng. Abstr.) **(Dan)**

[Wart virus and cancer] van Voorst Vader PC, et al. **Ned Tijdschr Geneeskd** 1985 Jul 20;129(29):1370-4 (42 ref.) **(Dut)**

[The carcinogenic role of earlier x-ray irradiation of multiple epitheliomas of the back. Critical study of 15 personal cases] Colomb D, et al. **Ann Dermatol Venereol** 1985;112(1):13-9 (Eng. Abstr.) **(Fre)**

[An unusual form of neoplastic lymphangitis in an irradiated field] Dana M, et al. **Ann Dermatol Venereol** 1984;111(9):799-802 (Eng. Abstr.) **(Fre)**

[Anorectal manifestations of sexually transmissible diseases. Kaposi's sarcoma] Libeskind M, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Oct-Nov;20(5):265-70 (Eng. Abstr.) **(Fre)**

[Kaposi's sarcoma and AIDS] Rozenbaum W. **Bull Soc Pathol Exot Filiales** 1984;77(4 Pt 2):589-91 **(Fre)**

[Non-Hodgkin's lymphoma-like pseudolymphoma in syphilis II] Horn U. **Z Hautkr** 1985 Jun 1;60(11):908-12 (Eng. Abstr.) **(Ger)**

[Development of a squamous cell carcinoma in generalized morphea] Laux B, et al. **Z Hautkr** 1985 May 15;60(10):767-8, 771-3 (Eng. Abstr.) **(Ger)**

[Cutaneous epitheliomas induced by ionizing radiation during radiotherapy. Presentation of 35 cases] Basso-Ricci S, et al. **Minerva Med** 1984 Nov 10;75(43):2603-7 (Eng. Abstr.) **(Ita)**

[Mechanism of cancer induction by radiation] Tanooka H. **Gan No Rinsho** 1984 Sep;30(12 Suppl):1439-44 (Eng. Abstr.) **(Jpn)**

[Malherbe's calcifying epithelioma of the skin of the arm at the site of Di-Per-Te vaccination] Zabel J, et al. **Przegl Dermatol** 1984 May-Jun;71(3):269-72 (Eng. Abstr.) **(Pol)**

[Malignant degeneration of cutaneous leishmaniasis] Belkin BG, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):40-3 **(Rus)**

[Multiple basalioma in an asphalt-laying worker] Tsyrkunov LP. **Vestn Dermatol Venerol** 1985 Feb;(2):48-51 (Eng. Abstr.) **(Rus)**

[Kaposi's sarcoma in 2 patients after renal transplantation] Gómez Uribe JI, et al. **Med Cutan Iber Lat Am** 1984;12(3):215-9 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Cowden's disease in three siblings: electron-microscope and immunological studies. Halevy S, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):126-31

Basement membrane components and keratin in the dominantly inherited form of cylindroma. Oikarinen A, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):121-5

The NIH Consensus Report on 'Precursors to Malignant Melanoma'. A different perspective. Lynch HT, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:177-9

Sternal malformation/vascular dysplasia association. Hersh JH, et al. **Am J Med Genet** 1985 May;21(1):177-86, 201-2

High risk of malignant melanoma in melanoma-prone families with dysplastic nevi. Greene MH, et al. **Ann Intern Med** 1985 Apr;102(4):458-65

X-linked inheritance of epidermodysplasia verruciformis. Genetic and virologic studies of a kindred. Androphy EJ, et al. **Arch Dermatol** 1985 Jul;121(7):864-8

Familial multiple trichodiscomas. A clinicopathologic study. Starink TM, et al. **Arch Dermatol** 1985 Jul;121(7):888-91

Sister chromatid exchange in phytohemagglutinin-stimulated lymphocytes of nonfamilial cutaneous malignant melanoma patients. Ghidoni A, et al. **Basic Life Sci** 1984;29 Pt B:855-8

Expression of long terminal repeat (LTR) sequences in carcinogen-induced murine skin carcinomas. Housey GM, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):391-8

Genes and signal transduction in tumor promotion: conclusions from studies with promoter resistant variants of JB-6 mouse epidermal cells. Gindhart TD, et al. **Carcinog Compr Surv** 1985;8:341-67

Proto-oncogene expression during two-stage carcinogenesis in mouse skin. Toftgard R, et al. **Carcinogenesis** 1985 Apr;6(4):655-7

Familial nevus flammeus of the forehead and Unna's nevus. Merlob P, et al. **Clin Genet** 1985 Feb;27(2):165-6

Neurofibromatosis and malignancy. Warrier RP, et al. **Clin Pediatr (Phila)** 1985 Oct;24(10):584-5

Clonal heterogeneity in a case of Merkel cell carcinoma demonstrated by flow cytometry. Deinlein E, et al. **Dermatologica** 1985;170(1):1-5

Multiple familial pilomatricomas: a cutaneous marker for myotonic dystrophy. Delfino M, et al. **Dermatologica** 1985;170(3):128-32

Stimulation and inhibition of growth by EGF in different A431 cell clones is accompanied by the rapid induction of c-fos and c-myc proto-oncogenes. Bravo R, et al. **EMBO J** 1985 May;4(5):1193-7

Differential methylation of the c-H-ras gene in normal mouse cells and during skin tumour progression. Ramsden M, et al. **EMBO J** 1985 Jun;4(6):1449-54

9p Trisomy/18p distal monosomy and multiple cutaneous leiomyomata. Another specific chromosomal site (18pter) in dominantly inherited multiple tumors? Fryns JP, et al. **Hum Genet** 1985;70(3):284-6

The fine page. The dysplastic nevus syndrome--endocrine disease. Fine RM. **Int J Dermatol** 1985 Mar;24(2):97

Vitiligo and melanoma: can genetically abnormal melanocytes result in both vitiligo and melanoma within a single family? Lerner AB, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):696-701

Human leukocyte antigen associations in basal cell carcinoma. Myskowski PL, et al. **J Am Acad Dermatol** 1985 Jun;12(6):997-1000

Cowden's disease: analysis of fourteen new cases. Starink TM. **J Am Acad Dermatol** 1984 Dec;11(6):1127-41

Cutaneous malignant lymphoma and HLA in the southwestern area of Japan. Yotsumoto H, et al. **J Dermatol (Tokyo)** 1985 Apr;12(2):134-7

A mild form of xeroderma pigmentosum assigned to complementation group G and its repair heterogeneity. Ichihashi M, et al. **J Invest Dermatol** 1985 Sep;85(3):284-7

A linkage study between HLA and cutaneous malignant melanoma or precursor lesions or both. Demenais F, et al. **J Med Genet** 1984 Dec;21(6):429-35

Mycosis fungoides in husband and wife. Wooldridge WE, et al. **Mo Med** 1985 Apr;82(4):201-2

Malignant melanoma in a husband and wife [letter] Sutherland CM, et al. **N Engl J Med** 1985 Jul 18;313(3):183-4

Clonal rearrangements of T-cell receptor genes in mycosis fungoides and dermatopathic lymphadenopathy. Weiss LM, et al. **N Engl J Med** 1985 Aug 29;313(9):539-44

The cutaneous evolution of nevi in a patient with familial, atypical, multiple-mole melanoma syndrome. Lynch HT, et al. **Pediatr Dermatol** 1985 Jul;2(4):289–93

Benign neonatal eruptive hemangiomatosis in identical twins. Ronan SG, et al. **Pediatr Dermatol** 1984 Apr;1(4):318–21

Experimental ultraviolet radiation carcinogenesis: I. Relationship of the major histocompatibility complex to tumor latency and immunogenecity. Roberts LK, et al. **Photodermatol** 1984 Apr;1(2):57–64

Human cell transfection with skin cancer DNAs. Sutherland BM, et al. **Photodermatol** 1985 Jun;2(3):186–91

[Multiple familial clear cell acanthoma] Balus L, et al. **Ann Dermatol Venereol** 1984;111(8):665–6 **(Fre)**

[Albright's hereditary osteodystrophy with multiple cutaneous osteomas] Lorette G, et al. **Ann Dermatol Venereol** 1984;111(12):1073–9 (Eng. Abstr.) **(Fre)**

[Cowden's disease] Monnier G, et al. **Ann Dermatol Venereol** 1985;112(2):169–77 (54 ref.) **(Fre)**

[Familial cancer. 1. Familial adenocarcinoma] Philippe P. **Union Med Can** 1985 May;114(5):384–8 (Eng. Abstr.) **(Fre)**

[Remarks on familial melanoma] Korting GW. **Hautarzt** 1985 Apr;36(4):242–3 **(Ger)**

[Familial occurrence of multiple basalomas associated with hyperostotic spondylosis] Schramm P, et al. **Z Hautkr** 1985 May 15;60(10):785–6, 791–2 (Eng. Abstr.) **(Ger)**

[Basal cell nevus syndrome. Presentation of 2 cases. 1 associated with medulloblastoma] Balsa RE, et al. **Med Cutan Ibero Lat Am** 1985;13(1):5–11 (Eng. Abstr.) **(Spa)**

HISTORY

Angioendotheliomatosis proliferans systemisata (Tappeiner–Pfleger disease). A short description of the disease and biographical notes on the eponyms. Holubar K. **Am J Dermatopathol** 1984 Dec;6(6):537–9

IMMUNOLOGY

Phenotypic characterization of skin-infiltrating cells in pagetoid reticulosis by monoclonal antibodies. Gonzalez M, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):421–4

Human T-cell leukemia virus in cutaneous T-cell lymphoma in Denmark. A possible association of HTLV and aneuploidy. Lange Wantzin G, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):395–9

Cell-surface carbohydrates in proliferative epidermal lesions. Distribution of A, B, and H blood group antigens in benign and malignant lesions. Schaumburg-Lever G, et al. **Am J Dermatopathol** 1984 Dec;6(6):583–9

Bowenoid papulosis. Presence of human papillomavirus (HPV) structural antigens and of HPV 16-related DNA sequences. Gross G, et al. **Arch Dermatol** 1985 Jul;121(7):858–63

Disseminated Kaposi's sarcoma without lymphocyte abnormalities. Ballard HS. **Arch Intern Med** 1985 Mar;145(3):547

Immunosuppression by human skin cancers. McCabe M, et al. **Aust J Exp Biol Med Sci** 1984 Oct;62 (Pt 5):539–45

Allostimulation of patients' lymphocytes generates both T and NK-like cells cytotoxic for autologous melanoma. Balsari A, et al. **Br J Cancer** 1985 Jul;52(1):73–80

Characterization of benign cutaneous lymphocytic infiltrates by monoclonal antibodies. Ralfkiaer E, et al. **Br J Dermatol** 1984 Dec;111(6):635–45

In situ study of T-cell subpopulations in cutaneous T-cell lymphoma. Diagnostic criteria. Chu A, et al. **Cancer** 1984 Dec 1;54(11):2414–22

Primary tissue culture of spontaneously regressing flat warts. In vitro attack by mononuclear cells against wart-derived epidermal cells. Tagami H, et al. **Cancer** 1985 May 15;55(10):2437–41

T-helper cell lymphoma involving the lymph nodes and skin. A clinical, morphologic, and immunohistochemical analysis of five cases. van den Oord JJ, et al. **Cancer** 1985 Apr 15;55(8):1714–21

Reduced graft-versus-host reaction of T cells in Kaposi's sarcoma: a possible prognostic indicator. David M, et al. **Dermatologica** 1984;169(2):76–9

Autochthonous murine tumors: effects of viral or ultraviolet induction, immunogenicity and transplantation on intratumoral macrophages and systemic inflammatory responses. Normann SJ, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):119–25

The immunoarchitecture of cutaneous pseudolymphoma. Wirt DP, et al. **Hum Pathol** 1985 May;16(5):492–510

Possible association between HLA-DR5 and superficial spreading melanoma (SSM). Mueller-Eckhardt G, et al. **Int J Cancer** 1984 Dec 15;34(6):751–5

A tumor-associated antigen expressed in melanoma cells with lower malignant potential. Suter L, et al. **Int J Cancer** 1985 Jun 15;35(6):787–91

Monoclonal antibodies and cutaneous T cell lymphoma. Theoretical and practical considerations. McMillan EM. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):102–14 (149 ref.)

Human leukocyte antigens in cutaneous T cell lymphoma. Rosen ST, et al. **J Am Acad Dermatol** 1985 Mar;12(3):531–4

Monoclonal gammopathy and mycosis fungoides. Report of four cases and review of the literature. Venencie PY, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):576–9

Evaluation of carcinoembryonic antigen in extramammary Paget's disease. Furukawa F, et al. **J Cutan Pathol** 1984 Dec;11(6):558–61

Immunohistochemistry of adnexal neoplasms. Penneys NS. **J Cutan Pathol** 1984 Oct;11(5):357–64 (14 ref.)

B-cell markers in malignant B-cell lymphoma with scleroderma-like manifestation. Van Joost T, et al. **J Cutan Pathol** 1984 Dec;11(6):495–500

Structure and epitope specificity of human melanoma-associated oncofetal antigen gp87 analyzed with monoclonal antibodies. Liao SK, et al. **J Dermatol (Tokyo)** 1985 Apr;12(2):117–28

Analysis of major histocompatibility antigens and the mononuclear cell infiltrate in halo nevi. Bergman W, et al. **J Invest Dermatol** 1985 Jul;85(1):25–9

Antigenic phenotype of pigment cell lesions: a study of melanoma, its precursor lesions and heterogeneity in metastatic melanoma. Ernstoff MS, et al. **J Invest Dermatol** 1985 May;84(5):430–2

Expression of activation antigens by T cells infiltrating basal cell carcinomas. Guillén FJ, et al. **J Invest Dermatol** 1985 Sep;85(3):203–6

Sunlight suppressing rejection of 280- to 320-nm UV-radiation-induced skin tumors in mice. Morison WL, et al. **JNCI** 1985 Feb;74(2):525–7

Effects of methoxsalen plus near-ultraviolet radiation or mid-ultraviolet radiation on immunologic mechanisms. Kripke ML. **Natl Cancer Inst Monogr** 1984 Dec;66:247–51

Skin cancer, photoimmunology, and urocanic acid [editorial] Kripke ML. **Photodermatol** 1984 Aug;1(4):161–3

Cross-reactive transplantation antigens between UV-irradiated skin and UV-induced tumors. Spellman CW, et al. **Photodermatol** 1984 Aug;1(4):164–9

The NK function elucidated with respect to effector cells, target cells and other immunological in vitro tests. Kristensen E. **Tokai J Exp Clin Med** 1983 Dec;8(5–6):449–53

[Classical Kaposi's disease: immunological study (letter)] Guillot B, et al. **Presse Med** 1985 Apr 13;14(15):845 **(Fre)**

[Warts and tumors caused by papillomavirus] Pierard-Franchimont C, et al. **Rev Med Liege** 1984 Aug 1–15;39(15–16):585–91 **(Fre)**

[Cutaneous nodular Kaposi sarcoma following kidney transplantation and immunosuppression] Luderschmidt C, et al. **Klin Wochenschr** 1984 Sep 3;62(17):803–9 (Eng. Abstr.) **(Ger)**

[Circulating K and NK cells in malignant melanoma using monoclonal antibodies] Graul A, et al. **Z Hautkr** 1985 Feb 15;60(4):338–47 (Eng. Abstr.) **(Ger)**

[Detection of papillomavirus capsid antigens and human papillomavirus 16-related DNA in Bowenoid papulosis and Bowen disease] Gross G, et al. **Z Hautkr** 1984 Aug 15;59(16):1084–6 (Eng. Abstr.) **(Ger)**

[Changes in certain immunological parameters in patients with malignant skin melanoma] Lukács L, et al. **Orv Hetil** 1985 Apr 7;126(14):819–26 (Eng. Abstr.) **(Hun)**

[Studies of contact hypersensitivity and immune tolerance in experimental neoplasms] Nomura S. **Nippon Hifuka Gakkai Zasshi** 1985 Feb;95(2):167–77 **(Jpn)**

[Immunity to embryonal stage-specific antigens in viral carcinogenesis] Ageenko AI, et al. **Eksp Onkol** 1985;7(2):38–9 (Eng. Abstr.) **(Rus)**

[Immunoglobulin factor reacting with components of epidermal basement membranes of patients with basal cell carcinoma] Kogan MG, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):20–2 (Eng. Abstr.) **(Rus)**

[Clinico-immunological characteristics of Kaposi's disease] Shaposhnikov OK, et al. **Vestn Dermatol Venerol** 1985 Jun;(6):4–6 (Eng. Abstr.) **(Rus)**

[Antibodies induced by group A Streptococcus reacting with epidermis elements in patients with basalomas] Bukhova VP, et al. **Vopr Onkol** 1984;30(11):67–71 (Eng. Abstr.) **(Rus)**

METABOLISM

Primary neuroendocrine (Merkel cell?) carcinoma of the skin. II. An immunocytochemical study of 21 cases. Sibley RK, et al. **Am J Surg Pathol** 1985 Feb;9(2):109–16

Melanotic schwannoma: a case report. Di Gregorio C, et al. **Appl Pathol** 1984;2(2):110–5

Basement membrane components in cutaneous neurofibroma of von Recklinghausen's disease. Weber L, et al. **Arch Dermatol Res** 1984;276(5):335–7

Filaggrin distribution in keratoacanthomas and squamous cell carcinoma. Klein-Szanto AJ, et al. **Arch Pathol Lab Med** 1984 Nov;108(11):888–90

Autofluorescence of eosinophilic globules in Kaposi's sarcoma [letter] Senba M. **Arch Pathol Lab Med** 1985 Aug;109(8):703

Melittin-stimulated arachidonic acid metabolism by cultured malignant human epidermal keratinocytes. Rice RH, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):303–7

Lectin-binding abnormalities in the stromal and epithelial components of basal cell carcinoma. Skerrow CJ, et al. **Br J Cancer** 1985 Jul;52(1):117–22

Dermal collagen metabolism during tumor promotion with 12-O-tetradecanoylphorbol-13-acetate in mouse skin. Marian B, et al. **Carcinogenesis** 1985 Apr;6(4):501–4

Degradation of type IV collagen by neoplastic human skin fibroblasts. Sheela S, et al. **Carcinogenesis** 1985 Feb;6(2):173–9

The binding of ConA and other lectins to surface glycoproteins: a comparison of a subcutaneous tumour and its liver metastases. Chan WS, et al. **Invasion Metastasis** 1985;5(4):233–44

Histochemistry of the cutaneous adnexa and selected adnexal neoplasms. Johnson WC. **J Cutan Pathol** 1984 Oct;11(5):352–6

Involucrin expression in normal and neoplastic human skin: a marker for keratinocyte differentiation. Murphy GF, et al. **J Invest Dermatol** 1984 May;82(5):453–7

Glycoprotein metabolism in skin cancer: synthesis, pool size, and partial characterization of glycoproteins in the rat basosquamous cell carcinoma. Roelfzema H, et al. **J Invest Dermatol** 1985 Sep;85(3):235–8

Involucrin in squamous and basal cell carcinomas of the skin: an immunohistochemical study. Said JW, et al. **J Invest Dermatol** 1984 May;82(5):449–52

Beta-2-microglobulin as a marker of malignant epithelial tumors of the skin. Sarma DP, et al. **J Surg Oncol** 1985 May;29(1):61–5

Elevated energy expenditure in hepatocytes from tumor-bearing rats. Roh MS, et al. **J Surg Res** 1985 May;38(5):407–15

Uptake of methotrexate linked to polyclonal and monoclonal antimelanoma antibodies by a human melanoma cell line. Uadia P, et al. **JNCI** 1985 Jan;74(1):29–35

Growth-related variations in the glycosaminoglycan synthesis of ultraviolet light-induced murine cutaneous fibrosarcoma cells. Piepkorn M, et al. **Lab Invest** 1985 Aug;53(2):187–93

Testosterone metabolism in squamous cell carcinomas. Cardo PP, et al. **Pathologica** 1984 Sep–Oct;76(1045):599–603

On the occurrence of cysteinyldopa and dopa in melanocytes and benign nevi cells. Falck B, et al. **Scand J Plast Reconstr Surg** 1976;10(3):185–8

[Anti-heparin activity of Guerin's epithelioma] Zurawski P, et al. **Acta Haematol Pol** 1984 Jan–Jun;15(1–2):49–56 (Eng. Abstr.) **(Pol)**

[Indices of pigment formation in complex cytomorphological research on human pigmented skin neoplasms] Naleskina LA. **Tsitol Genet** 1985 Mar–Apr;19(2):83–6 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Mycobacterium leprae within a squamous cell carcinoma [letter] Laing AB, et al. **Am J Dermatopathol** 1984 Aug;6(4):413–4

Mycoplasma-like structures in a Kaposi's sarcoma not associated with AIDS [letter] Marquart KH, et al. **Eur J Clin Microbiol** 1985 Feb;4(1):73–4

HTLV-I antibodies associated with cutaneous T cell lymphoma in Denmark. Lange Wantzin G, et al. **Hamatol Bluttransfus** 1985;29:335–7

Molecular cloning and characterization of the DNAs of human papillomaviruses 19, 20, and 25 from a patient with epidermodysplasia verruciformis. Gassenmaier A, et al. **J Virol** 1984 Dec;52(3):1019–23

[Pseudo-mycosis fungoides T-lymphoma associated with an HTLV retrovirus in an African] Lessana-Leieowitch M, et al. **Ann Dermatol Venereol** 1984,111(8):725–6 **(Fre)**

MORTALITY

Thin level IV malignant melanoma. A subset in which level is the major prognostic indicator. Kelly JW, et al. **Ann Surg** 1985 Jul;202(1):98–103

Prognosis of patients with pathologic stage II cutaneous malignant melanoma. Roses DF, et al. **Ann Surg** 1985 Jan;201(1):103–7

Improving prognosis for malignant melanoma in Britain. Taylor BA, et al. **Br J Surg** 1984 Dec;71(12):950–3

Comparison of prognostic factors for survival and recurrence in malignant melanoma of the skin, clinical Stage I. Johnson OK Jr, et al. **Cancer** 1985 Mar 1;55(5):1107–17

Migration and death from malignant melanoma. Cooke KR, et al. **Int J Cancer** 1985 Aug 15;36(2):175–8

Sex differences in survival from cutaneous melanoma. Rampen FH. **Int J Dermatol** 1984 Sep;23(7):444–52 (114 ref.)

No one should die of malignant melanoma [editorial] Ackerman AB. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):115–6

Death from malignant melanoma [letter] Sarma DP. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):895

Malignant melanoma prognostic factors 6: distant metastases and length of survival. Day CL Jr, et al. **J Dermatol Surg Oncol** 1984 Sep;10(9):686–9

Prognosis in Stage 1 malignant melanoma: seven-year follow-up study of splenic radiocolloid uptake as predictor of death. Koh HK, et al. **J Nucl Med** 1984 Nov;25(11):1183–9

Risks, survival and trends of malignant melanoma among white and blue collar workers in Sweden. Vågerö D, et al. **Soc Sci Med** 1984;19(4):475–8

Sex related survival differences in instances of melanoma. Reintgen DS, et al. **Surg Gynecol Obstet** 1984 Oct;159(4):367–72

Survival with primary cutaneous malignant melanoma, evaluated from 2012 cases. A multivariate regression analysis. Søndergaard K, et al. **Virchows Arch [A]** 1985;406(2):179–95

OCCURRENCE

Risk for cutaneous melanoma in recent Connecticut birth cohorts. Roush GC, et al. **Am J Public Health** 1985 Jun; 75(6):679–82

Cutaneous malignant melanoma after Hodgkin's disease. Tucker MA, et al. **Ann Intern Med** 1985 Jan;102(1):37–41

The number and distribution of benign pigmented moles (melanocytic naevi) in a healthy British population. MacKie RM, et al. **Br J Dermatol** 1985 Aug;113(2):167–74

Carcinoma of skin of penis. Onuigbo WI. **Br J Urol** 1985 Aug;57(4):465–6

Melanoma of the skin. Armstrong BK. **Br Med Bull** 1984 Oct;40(4):346–50 (33 ref.)

Melanoma among southwestern American Indians. Black WC, et al. **Cancer** 1985 Jun 15;55(12):2899–902

Seasonal patterns in the diagnosis of malignant melanoma of skin and eye in upstate New York. Polednak AP. **Cancer** 1984 Dec 1;54(11):2587–94

Demographic study of clinically atypical (dysplastic) nevi in patients with melanoma and comparison subjects. Nordlund JJ, et al. **Cancer Res** 1985 Apr;45(4):1855–61

Cutaneous T-cell lymphoma: a review. Winkler CF, et al. **CRC Crit Rev Oncol Hematol** 1983;1(1):49–92 (246 ref.)

Cutaneous and lymphadenopathic Kaposi's sarcoma in Africa and the USA with observations on persistent lymphadenopathy in homosexual men at risk for the acquired immunodeficiency syndrome. Dorfman RF. **Front Radiat Ther Oncol** 1985;19:105–16 (61 ref.)

Common acquired naevi and the risk of malignant melanoma. Green A, et al. **Int J Cancer** 1985 Mar 15;35(3):297–300

Malignant melanoma in World War II veterans. Brown J, et al. **Int J Dermatol** 1984 Dec;23(10):661–3

A comparative study of skin cancer in renal transplant recipients. Dunn J, et al. **Ir J Med Sci** 1985 Jun; 154(6):228–31

Skin cancer detection clinics [letter] Biro L, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):375–6

Relationship of nevocytic nevi to sun exposure in dysplastic nevus syndrome. Kopf AW, et al. **J Am Acad Dermatol** 1985 Apr;12(4):656–62

Cancer of the skin in blacks. IV. A review of nineteen black patients with Kaposi's sarcoma. Mora RG, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):563–7

Psoriasis and susceptibility to nonmelanoma skin cancer. Stern RS, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):67–73

Malignant skin tumors among dermatology patients in university hospitals of Japan. A statistical survey 1971–1975. Tada M, et al. **J Dermatol (Tokyo)** 1984 Aug; 11(4):313–21

Frequency of moles in a defined population. Cooke KR, et al. **J Epidemiol Community Health** 1985 Mar;39(1):48–52

Malignant melanoma in Rome, Italy, 1970–9. Petrelli G, et al. **J Epidemiol Community Health** 1985 Mar;39(1):67–71

Kaposi's sarcoma: an opportunistic neoplasm. Friedman-Kien AE. **J Invest Dermatol** 1984 May;82(5):446–8

Incidence and aetiology of melanoma [letter] Gordon LG, et al. **Lancet** 1985 Mar 9;1(8428):583

Epidemiologic aspects of malignant skin melanoma in Slovakia. Pleško I, et al. **Neoplasma** 1985;32(3):273–84

The incidence and significance of birthmarks in a cohort of 4,641 newborns. Alper JC, et al. **Pediatr Dermatol** 1983 Jul;1(1):58–68

Cutaneous carcinomas and soft tissue sarcomas induced by ionizing radiation therapy. Presentation of a series of 42 cases. Basso-Ricci S, et al. **Tumori** 1985 Feb 28;71(1):29–33

[General aspects of malignant melanoma] Karvonen J, et al. **Duodecim** 1985;101(11):1097–108 **(Fin)**

[Cutaneous prickle-cell epitheliomas and visceral cancer] Guillaume JC, et al. **Ann Dermatol Venereol** 1985; 112(1):21–4 (Eng. Abstr.) **(Fre)**

[Incidence and spontaneous regression of hemangiomas of the skin in children] Schickedanz H, et al. **Padiatr Grenzgeb** 1984;23(5):319–23 (Eng. Abstr.) **(Ger)**

[Cutaneous malignant melanoma of the trunk] Groth W. **Z Hautkr** 1985 Mar 1;60(5):409–10 **(Ger)**

[Epidemiologic aspects of cancer of the skin in Uruguay] Vassallo JA, et al. **Med Cutan Ibero Lat Am** 1984; 12(4):285–91 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Subcutaneous endometriosis diagnosed by fine needle aspiration cytology. Griffin JB, et al. **Acta Cytol (Baltimore)** 1985 Jul–Aug;29(4):584–8

Cytology of metastatic neuroendocrine (Merkel-cell) carcinoma in pleural fluid. A case report. Watson CW, et al. **Acta Cytol (Baltimore)** 1985 May–Jun;29(3):397–402

Pigmented storiform neurofibroma. Miyamoto Y, et al. **Acta Pathol Jpn** 1984 Jul;34(4):821–6

Merkel cell tumor of the skin. Ultrastructural and immunohistochemical studies. Yoshida Y, et al. **Acta Pathol Jpn** 1984 Nov;34(6):1433–40

Distribution of different collagen types and fibronectin in neurofibromatosis tumours. Peltonen J, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1984 Sep; 92(5):345–52

Depth of invasion and tumor thickness in primary cutaneous malignant melanoma. A study of 2012 cases. Søndergaard K. **Acta Pathol Microbiol Immunol Scand** [A] 1985 Mar; 93(2):49–55

Malignant pilomatrixoma. Report of a case. Veliath AJ, et al. **Acta Radiol [Oncol]** 1984;23(6):429–31

Giant cell fibroblastoma: a report of three cases. Abdul-Karim FW, et al. **Am J Clin Pathol** 1985 Feb; 83(2):165–70

Nevus cells within lymph nodes. Possible metastases from a benign intradermal nevus. Subramony C, et al. **Am J Clin Pathol** 1985 Aug;84(2):220–3

A case of large multilobated cell lymphoma [letter] Tubbs RR, et al. **Am J Clin Pathol** 1984 Dec;82(6):750–1

Pseudotumor resulting from atypical mycobacterial infection: a 'histoid' variety of Mycobacterium avium-intracellulare complex infection. Wood C, et al. **Am J Clin Pathol** 1985 Apr;83(4):524–7

Critical commentary on statements in 'Precursors to Malignant Melanoma'. Ackerman AB. **Am J Dermatopathol** 1984 Summer;6 Suppl:181–3

Neurotropic malignant melanoma and other neurotropic neoplasms in the skin. Ackerman AB, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:63–80

An algorithmic method for histologic diagnosis of inflammatory and neoplastic skin diseases by analysis of their patterns. Ackerman AB. **Am J Dermatopathol** 1985 Apr;7(2):105–7

A melanomatous carcinoma. A case report and commentary. Charlton RE. **Am J Dermatopathol** 1984 Summer;6 Suppl:221–9

The histogenesis of acquired melanocytic nevi. Based on a new concept of melanocytic differentiation. Cramer SF. **Am J Dermatopathol** 1984 Summer;6 Suppl:289–98

The neoplastic development of malignant melanoma. A biological rationale. Cramer SF. **Am J Dermatopathol** 1984 Summer;6 Suppl:299–308

Whither malignant melanoma in situ? del Junco GW. **Am J Dermatopathol** 1984 Summer;6 Suppl:101–2

Invasive malignant melanomas lacking competence for metastasis. Elder DE, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:55–61

A cutaneous neoplasm with neural differentiation. Epstein J, et al. **Am J Dermatopathol** 1984 Dec;6(6):591–3

On the mechanism of regression of malignant melanoma. Ferry JA. **Am J Dermatopathol** 1984 Summer;6 Suppl:287–8

Computer-assisted volumetric analysis of cutaneous malignant melanomas. Gebhart W, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:93–5

Atypical fibroxanthoma of the skin metastatic to a lung. Report of a case, features by conventional and electron microscopy, and a review of relevant literature. Glavin FL, et al. **Am J Dermatopathol** 1985 Feb;7(1):57–63

Biological behavior and natural course of acral malignant melanoma. Clinical and histologic features and prognosis of palmoplantar, subungual, and other acral malignant melanomas. Jimbow K, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:43–53

In what sense are break points prognostic in malignant melanomas? [letter] Kuehnl-Petzoldt C, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:349–50

Histology of congenital nevi during the first year of life. A study by conventional and electron microscopy. Kuehnl-Petzoldt C, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:81–8

Identification of cells lining pseudovascular spaces of benign pigmented nevi. Modlin RL, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:25–9

The width and depth of the spread of malignant melanomas as observed by a chemosurgeon. Mohs FE. **Am J Dermatopathol** 1984 Summer;6 Suppl:123–6

Recurrent Spitz's nevus. Omura EF, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:207–12

The proliferative activity of cells of malignant melanomas. Pierard GE, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:317–23

The risk of malignant melanoma arising in congenital melanocytic nevi. An argument against the assignment of risk based on size alone. Rhodes AR. **Am J Dermatopathol** 1984 Summer;6 Suppl:184–8

Malignant melanoma in situ, precancerous melanosis, or atypical intraepidermal melanocytic proliferation. Rywlin AM. **Am J Dermatopathol** 1984 Summer;6 Suppl:97–9

Behavior of melanocytic nevi during pregnancy. Sanchez JL, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:89–91

How consistent are dermatopathologists in reading early malignant melanomas and lesions 'precursor' to them? An international survey. Schmoeckel C. **Am J Dermatopathol** 1984 Summer;6 Suppl:13–24

Intraepidermal epithelioma of Borst-Jadassohn. Steffen C, et al. **Am J Dermatopathol** 1985 Feb;7(1):5–24

Unusual stromal patterns in truly recurrent and satellite metastatic lesions of malignant melanoma. Urmacher C. **Am J Dermatopathol** 1984 Summer;6 Suppl:331–5

Spongiotic changes in melanocytic nevi. Weedon D, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:257–9

Prediction of lymph node metastases from the histologic features of primary cutaneous malignant melanomas. Weissmann A, et al. **Am J Dermatopathol** 1984 Summer; 6 Suppl:35–41

Spitz's nevus in a 'black' child of mixed ancestry. Wells LD, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:271–6

Merkel cell tumor with liver metastases: presentation as fulminant hepatic failure. Wang M, et al. **Am J Gastroenterol** 1985 May;80(5):376–80

Skin cancer's early warning system. Fraser MC, et al. **Am J Nurs** 1984 Oct;84(10):1232–6

Acral arteriovenous tumor. A clinicopathologic review. Connelly MG, et al. **Am J Surg Pathol** 1985 Jan;9(1):15–21

Lymphatic invasion in Spitz nevi. Howat AJ, et al. **Am J Surg Pathol** 1985 Feb;9(2):125–8

Leiomyoblastoma vs. glomus tumor [letter] Silverman ML. **Am J Surg Pathol** 1984 Oct;8(10):799–800

T-cell signet-ring cell lymphoma. A histologic, ultrastructural, and immunohistochemical study of two cases. Weiss LM, et al. **Am J Surg Pathol** 1985 Apr; 9(4):273–80

Evaluation of prognostic characteristics of stage I cutaneous malignant melanoma. Tan GJ, et al. **Anal Quant Cytol** 1984 Sep;6(3):147–54

Acquired dysplastic melanocytic nevi and cutaneous melanoma: precursors and prevention. Rhodes AR. **Ann Intern Med** 1985 Apr;102(4):546–8

Tissue culture studies of neurofibromatosis: effects of axolemmal fragments and cyclic adenosine 3',5'-monophosphate analogues on proliferation of Schwann-like and fibroblast-like neurofibroma cells. Sobue G, et al. **Ann Neurol** 1985 Jul;18(1):68–73

Thin (less than or equal to 1 mm) melanomas of the extremities are biologically favorable lesions not influenced by regression. Wanebo HJ, et al. **Ann Surg** 1985 Apr; 201(4):499–504

Fibroepithelioma of Pinkus overlying breast cancer [letter] Bryant J. **Arch Dermatol** 1985 Mar;121(3):310

Regression in thin malignant melanoma. Microscopic diagnosis and prognostic importance. Cooper PH, et al. **Arch Dermatol** 1985 Sep;121(9):1127–31

Port-wine stains [letter] Enjolras O, et al. **Arch Dermatol** 1985 Jul;121(7):834

Becker's nevus coexistent with connective-tissue nevus. Fenske NA, et al. **Arch Dermatol** 1984 Oct;120(10):1347–50

Port-wine stains. Morphologic variations and developmental lesions. Finley JL, et al. **Arch Dermatol** 1984 Nov; 120(11):1453–5

A histopathologic evaluation of nevocellular nevi in pregnancy. Foucar E, et al. **Arch Dermatol** 1985 Mar; 121(3):350–4

Linear papules on the neck of a child. Syringocystadenoma papilliferum. Goldberg NS, et al. **Arch Dermatol** 1985 Sep; 121(9):1998, 1201

Effect of prior pregnancy on melanoma survival [letter] Lederman JS, et al. **Arch Dermatol** 1985 Jun;121(6):716

Skin markings in the diagnosis and prognosis of cutaneous melanoma. Lederman JS, et al. **Arch Dermatol** 1984 Nov; 120(11):1449–52

Arteriovenous malformation simulating Kaposi's sarcoma (pseudo-Kaposi's sarcoma). Marshall ME, et al. **Arch Dermatol** 1985 Jan;121(1):99–101

Extramammary Paget's disease of the perianal and perineal regions. Evidence of apocrine derivation. Merot Y, et al. **Arch Dermatol** 1985 Jun;121(6):750–2

Epidermotropic urothelial carcinoma involving the glans penis. Metcalf JS, et al. **Arch Dermatol** 1985 Apr; 121(4):532–4

Epithelioid sarcoma. Enzymatic histochemical and electron microscopic evidence of histiocytic differentiation. Padilla RS, et al. **Arch Dermatol** 1985 Mar;121(3):389–93

Ulcerating tumor involving the auricular area. Peterman AR. **Arch Dermatol** 1985 Jul;121(7):929, 932

Epithelioid sarcoma. Report of a case. Puissegur-Lupo ML, et al. **Arch Dermatol** 1985 Mar;121(3):394–5

Juvenile hyaline fibromatosis. A 15-year follow-up. Quintal D, et al. **Arch Dermatol** 1985 Aug;121(8):1062–3

Granulocytic sarcoma. A new finding in the setting of preleukemia. Sadick N, et al. **Arch Dermatol** 1984 Oct; 120(10):1341–3

Regression and other factors of prognostic interest in malignant melanoma [editorial] Sagebiel R. **Arch Dermatol** 1985 Sep;121(9):1125–6

Congenital arrector pili hamartoma. A case report and review of the spectrum of Becker's melanosis and pilar smooth-muscle hamartoma. Slifman NR, et al. **Arch Dermatol** 1985 Aug;121(8):1034–7

Metastasizing eccrine porocarcinoma developing in a sebaceous nevus of Jadassohn. Report of a case. Tarkhan II, et al. **Arch Dermatol** 1985 Mar;121(3):413–5

Hypertrichotic skin-colored patches in an infant. Congenital smooth-muscle hamartoma (CSMH). Truhan AP, et al. **Arch Dermatol** 1985 Sep;121(9):1997, 1200–1

Lymphomatoid papulosis. Development into cutaneous T-cell lymphoma. Wantzin GL, et al. **Arch Dermatol** 1985 Jun;121(6):792–4

Adenosquamous carcinoma of the skin. An aggressive mucin- and gland-forming squamous carcinoma. Weidner N, et al. **Arch Dermatol** 1985 Jun;121(6):775–9

Atypical fibroxanthoma. A study with antibody to S-100 protein. Winkelmann RK, et al. **Arch Dermatol** 1985 Jun; 121(6):753–5

Langerhans cells in various benign and malignant pigment-cell lesions of the skin. Facchetti F, et al. **Arch Dermatol Res** 1984;276(5):283–7

Myelin-associated glycoprotein in neurogenic tumours of the skin: an immunohistological study using Leu-7 monoclonal antibody. Smolle J, et al. **Arch Dermatol Res** 1985; 277(2):141–2

Neurologic manifestations of the organoid nevus syndrome. Clancy RR, et al. **Arch Neurol** 1985 Mar;42(3):236–40

Pilomatrixoma. An unusual case with secondary corneal

ulcer. de Azevedo ML, et al. **Arch Ophthalmol** 1985 Apr;103(4):553–4
Pleomorphic lipoma. Fechner RE. **Arch Otolaryngol** 1984 Dec;110(12):820–2
Merkel cell carcinoma (endocrine carcinoma of the skin) of the head and neck. Goepfert H, et al. **Arch Otolaryngol** 1984 Nov;110(11):707–12
Pathologic quiz case 1. Neuroendocrine carcinoma of the skin (Merkel's cell tumor, trabecular carcinoma of the skin). Walker AN, et al. **Arch Otolaryngol** 1985 Oct;111(10):702–4
Differential diagnosis of Kaposi's sarcoma. Blumenfeld W, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):123–7
Primary adenoid cystic carcinoma of the skin [letter] Boggio RR. **Arch Pathol Lab Med** 1985 Aug;109(8):707
Tissue reaction in bartonellosis may suggest Kaposi's sarcoma [letter] Garcia FU. **Arch Pathol Lab Med** 1985 Aug;109(8):703–4
Meningioma of the scalp. Light and electron microscopic observations. Nochomovitz LE, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):92–5
Malignant endovascular papillary angioendothelioma. Cutaneous borderline tumor. Patterson K, et al. **Arch Pathol Lab Med** 1985 Jul;109(7):671–3
Late relapse from cutaneous stage I malignant melanoma. Shaw HM, et al. **Arch Surg** 1985 Oct;120(10):1155–9
Rhabdomyosarcoma in a patient treated for metastatic germ cell tumour of the testis containing teratoma––a case report. Haines IE, et al. **Aust NZ J Surg** 1985 Apr;55(2):141–3
Level I (in situ) melanoma by any other name .... Beardmore G. **Australas J Dermatol** 1984 Dec;25(3):97–8
Reverse halo naevus. Paver K, et al. **Australas J Dermatol** 1984 Aug;25(2):80–2
Carcinogen-induced depletion of cutaneous Langerhans cells. Muller HK, et al. **Br J Cancer** 1985 Jul;52(1):81–5
DNA flow cytometry of the epidermis of patients with multiple epidermal carcinomas. Frentz G, et al. **Br J Dermatol** 1984 Sep;111(3):271–7
Keratinocyte proliferative hierarchies confer protective mechanisms in surface epithelia. Hume WJ. **Br J Dermatol** 1985 Apr;112(4):493–502
Establishment of T and B cell lines from patients with mycosis fungoides. Kaltoft K, et al. **Br J Dermatol** 1984 Sep;111(3):303–8
Malignant melanoma [letter] MacSweeney S. **Br J Hosp Med** 1985 Jun;33(6):366
Malignant melanoma of the eyelid skin: histopathology and behaviour. Garner A, et al. **Br J Ophthalmol** 1985 Mar;69(3):180–6
Experience of thin cutaneous melanomas (less than 0.76 mm and less than 0.85 mm thick) in a large plastic surgery unit: a 5 to 17 year follow-up. Briggs JC, et al. **Br J Plast Surg** 1984 Oct;37(4):501–6
Long term follow-up in cutaneous malignant melanoma: the relationship of maximal tumour thickness to disease free survival, disease recurrence and death. Griffiths RW, et al. **Br J Plast Surg** 1984 Oct;37(4):507–13
A study of the thickness of uninvolved dermis beneath cutaneous malignant melanoma: the ratio of uninvolved dermis to tumour thickness (DT:TT) as a prognostic index. Saxby PJ, et al. **Br J Plast Surg** 1984 Oct;37(4):496–500
Acral lentiginous melanoma: an illustrative case report and brief review of the literature. Ward DJ, et al. **Br J Plast Surg** 1984 Oct;37(4):619–23
The value of staging and serial follow-up investigations in patients with completely resected, primary, cutaneous malignant melanoma. Kersey PA, et al. **Br J Surg** 1985 Aug;7(8):614–7
The V2 carcinoma of the rabbit as an integrated model of tumor invasion. Sträuli P, et al. **Bull Cancer (Paris)** 1984;71(5):447–52 (41 ref.)
Malignant melanoma [letter] **CA** 1984 Nov–Dec;34(6):353–4
Prognosis of level V malignant melanoma. Bear HD, et al. **Cancer** 1985 Mar 15;55(6):1167–71
Malignant lymphoma and malignant angioendotheliomatosis: one disease. Bhawan J, et al. **Cancer** 1985 Feb 1;55(3):570–6
A distinctive cutaneous malignant neoplasm expressing the Langerhans cell phenotype. Synchronous occurrence with B-chronic lymphocytic leukemia. Bonetti F, et al. **Cancer** 1985 May 15;55(10):2417–25
Metastasizing basal cell carcinoma of the skin with myelophthisic anemia. Coletta DF, et al. **Cancer** 1968 Oct;22(4):879–84
Prognostic and therapeutic use of microstaging of cutaneous squamous cell carcinoma of the trunk and extremities. Friedman HI, et al. **Cancer** 1985 Sep 1;56(5):1099–105
Mycosis fungoides and lymphoplasmacytoid immunocytoma in the same patient. A case report. Geerts ML, et al. **Cancer** 1984 Nov 15;54(10):2294–9
Transplantation of human basal cell carcinomas to athymic mice. Grimwood RE, et al. **Cancer** 1985 Aug 1;56(3):519–23
Extrapulmonary oat cell carcinoma. Ibrahim NB, et al. **Cancer** 1984 Oct 15;54(8):1645–61 (148 ref.)
Atypical fibroxanthoma distinguishable from spindle cell carcinoma in sarcoma-like skin lesions. A clinicopathologic and immunohistochemical study of 21 cases. Kuwano H, et al. **Cancer** 1985 Jan 1;55(1):172–80
Skin lesions in chronic granulocytic leukemia. Treatment of a patient with topical nitrogen mustard. Murphy WG, et al. **Cancer** 1985 Jun 1;55(11):2630–3
Malignant melanoma and pregnancy. Reintgen DS, et al. **Cancer** 1985 Mar 15;55(6):1340–4
Fine structural characterization of melanosomes in dysplastic nevi. Takahashi H, et al. **Cancer** 1985 Jul 1;56(1):111–23
Cutaneous involvement in Hodgkin's disease. White RM, et al. **Cancer** 1985 Mar 1;55(5):1136–45
Malignant transformation of a cloned, nontumorigenic mouse epidermal keratinocyte cell line, MSK–C3H–NU, by 7,12-dimethylbenz(a)anthracene. Indo K, et al. **Cancer Res** 1985 Feb;45(2):774–82
Serial transplantation to nude mice of an androgen-dependent pilosebaceous tumor developed in Suncus murinus. Itami S, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5666–9
Primary cutaneous B-cell lymphoma. Report of a case and review of the English-language literature. Kantor GR, et al. **Cleve Clin Q** 1985 Spring;52(1):87–93
Sarcomas––a clinicopathological guide with particular reference to cutaneous manifestation. II. Malignant nerve sheath tumour, leiomyosarcoma and rhabdomyosarcoma. Fletcher CD, et al. **Clin Exp Dermatol** 1985 May;10(3):201–16 (65 ref.)
Sarcomas––a clinicopathological guide with particular reference to cutaneous manifestation. I. Dermatofibrosarcoma protuberans, malignant fibrous histiocytoma and the epithelioid sarcoma of Enzinger. Fletcher CD, et al. **Clin Exp Dermatol** 1984 Sep;9(5):451–65 (50 ref.)
Multiple hamartoma and neoplasia syndrome. Graham RM, et al. **Clin Exp Dermatol** 1985 May;10(3):262–8
Melanoma and other melanocytic skin lesions. Weedon D. **Curr Top Pathol** 1985;74:1–55 (42 ref.)
Apocrine cystadenoma arising in a nevus sebaceus of Jadassohn. Campbell JP, et al. **Cutis** 1984 Nov;34(5):510–2
Malignant melanoma of the plantar aspect of the foot. Chairman EL, et al. **Cutis** 1985 Feb;35(2):160–4
Subungual lentigo maligna. Clouse WE, et al. **Cutis** 1985 Aug;36(2):153–5
Atypical fibroxanthomas of the skin: multiple primaries. Kirsch N, et al. **Cutis** 1984 Oct;34(4):404–7
Cutaneous nodules as the first manifestation of gastrointestinal lymphoma. Knobler H, et al. **Cutis** 1985 Mar;35(3):262–6
Zosteriform connective-tissue nevus. Kozminsky ME, et al. **Cutis** 1985 Jul;36(1):77–8
Recurring accessory 'fingernail': periungual fibrokeratoma. Shelley WB, et al. **Cutis** 1985 May;35(5):451–4
The spectrum of cutaneous pseudomalignancy. Sina B. **Cutis** 1984 Oct;34(4):381–4
Malignant histiocytosis. Stone MS, et al. **Cutis** 1985 Jul;36(1):42–4
Acquired dermal smooth-muscle hamartoma. Wong RC, et al. **Cutis** 1985 Apr;35(4):369–70
Multicentric reticulohistiocytosis. Guillen C, et al. **Dermatologica** 1984;169(5):311–7
Keratoacanthoma centrifugum marginatum versus low-grade squamous cell carcinoma. Peteiro MC, et al. **Dermatologica** 1985;170(5):221–4
A case of epidermodysplasia verruciformis (Lewandowsky-Lutz, 1922) with skin cancer: histopathology of malignant cutaneous changes. Tanigaki T, et al. **Dermatologica** 1984;169(2):97–101
Some further features for differential diagnosis between squamous cell carcinomas and basal cell epitheliomas. Tosca A, et al. **Dermatologica** 1985;171(1):21–6
Cutaneous leiomyoma of the male nipple. Tsujioka K, et al. **Dermatologica** 1985;170(2):98–100
Neoplastic angioendotheliosis with B lymphocyte markers on neoplastic cells: a case report. Mori S, et al. **Gann** 1985 Mar;76(3):208–12
Late sequelae of superficial irradiation. Hood IC, et al. **Head Neck Surg** 1984 Oct;7(1):65–72 (103 ref.)
Malignant sacrococcygeal teratoma in the adult. Ahmed HA, et al. **Histopathology** 1985 Mar;9(3):359–63
Melanocytic dysplasia and melanoma. Cook MG, et al. **Histopathology** 1985 Jun;9(6):647–58
Inter-observer variation between pathologists in the classification of cutaneous malignant melanoma in western Australia. Heenan PJ, et al. **Histopathology** 1984 Sep;8(5):717–29
Eosinophil infiltration in keratoacanthoma and squamous cell carcinoma of the skin. Lowe D, et al. **Histopathology** 1984 Jul;8(4):619–25
Immunohistochemical study of mammary and extra-mammary Paget's disease. Vanstapel MJ, et al. **Histopathology** 1984 Nov;8(6):1013–23
Dysplasia, dysplastic melanocytes, dysplastic nevi, the dysplastic nevus syndrome, and the relation between dysplastic nevi and malignant melanomas. Ackerman AB, et al. **Hum Pathol** 1985 Jan;16(1):87–91
A study of tumor progression: the precursor lesions of superficial spreading and nodular melanoma. Clark WH Jr, et al. **Hum Pathol** 1984 Dec;15(12):1147–65
Intermediate filaments in Merkel cell tumors. van Muijen GN, et al. **Hum Pathol** 1985 Jun;16(6):590–5
Stages of tumour promotion in skin. Marks F, et al. **IARC Sci Publ** 1984;(56):13–22
Pigmented basal cell epithelioma arising in the scar of an onchocerciasis nodule. Aram H, et al. **Int J Dermatol** 1984 Dec;23(10):658–60
Unusual clinical presentation of epidermotropic cutaneous lymphoma. Small hypopigmented macules. Dabski K, et al. **Int J Dermatol** 1985 Mar;24(2):108–15
Cowden's disease with associated malignant melanoma. Greene SL, et al. **Int J Dermatol** 1984 Sep;23(7):466–7
Palmar melanotic macules. A sign of neurofibromatosis. Yesudian P, et al. **Int J Dermatol** 1984 Sep;23(7):468–71
Juvenile hyaline fibromatosis. Yesudian P, et al. **Int J Dermatol** 1984 Nov;23(9):619–20
Parotid area lymph node metastases from carcinoma of the skin. Mendenhall NP, et al. **Int J Radiat Oncol Biol Phys** 1985 Apr;11(4):707–14
Computed tomography in the detection of abdominal metastases from malignant melanoma. Silverman PM, et al. **Invest Radiol** 1984 Jul–Aug;19(4):309–12
Immunohistochemical studies of selected skin diseases and tumors using monoclonal antibodies to neurofilament and myelin proteins. Aso M, et al. **J Am Acad Dermatol** 1985 Jul;13(1):37–42
Heterogeneity of dermal OKT6+ cells in inflammatory and neoplastic skin diseases. Berti E, et al. **J Am Acad Dermatol** 1985 Mar;12(3):507–14
Histologic diagnosis of benign adnexal skin tumors. An algorithmic approach. Brown E, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):350–8
Cutaneous findings in hairy cell leukemia. Finan MC, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):788–97
Evaluation of cytodiagnosis of cutaneous basal cell carcinoma. Gordon LA, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1082–6
Acquired (digital) fibrokeratoma. Kint A, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):816–21
Fixed-tissue binding of fluorescein-conjugated concanavalin A to malignant melanomas versus nevi. Miller A, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):620–4
Metastatic squamous cell carcinoma of the skin occurring in a lymphomatous lymph node. Mora RG. **J Am Acad Dermatol** 1985 Mar;12(3):571–5
Balloon cell malignant melanoma. Peters MS, et al. **J Am Acad Dermatol** 1985 Aug;13(2 Pt 2):351–4
Specific cutaneous involvement in the course of chronic myelomonocytic leukemia simultaneously with blastic leukemic transformation. Report of a case with histologic and cytochemical study. Pozo-Román T, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 2):943–8
Biopsy and survival of malignant melanoma. Rampen FH, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):385–8
The sign of Leser-Trélat [letter] Rotstein H, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):121
Pre-Kaposi's sarcoma. Schwartz JL, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 2):377–80
Multiple melanomas occurring in a patient with xeroderma pigmentosum. Tullis GD, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 2):364–7
Metamorphosis of dermal cylindroma: possible relation to malignant transformation. Case report of cutaneous cylindroma with direct intracranial invasion. Urbanski SJ, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):188–95
Localized epidermotropic reticulosis [letter] Zackheim HS. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):904–7
Histologic patterns of congenital nevocytic nevi and implications for treatment. Zitelli JA, et al. **J Am Acad Dermatol** 1984 Sep;11(3):402–9
Superficial spreading melanoma in blacks. A case report. Lepow GM, et al. **J Am Podiatr Med Assoc** 1985 Aug;75(8):425–8
Gastrointestinal neurofibromatosis. Petersen JM, et al. **J Clin Gastroenterol** 1984 Dec;6(6):529–34
Pathological examination of cutaneous malignant melanomas [letter] Briggs JC, et al. **J Clin Pathol** 1985 Mar;38(3):355–6
Practical skin pathology course. London, England, July 7–10, 1985. **J Cutan Pathol** 1985 Jun–Aug;12(3–4):172–387
Adnexal neoplasms: introduction, comments, and controversies. Barr RJ. **J Cutan Pathol** 1984 Oct;11(5):347–9
The benign acanthomas. Brownstein MH. **J Cutan Pathol** 1985 Jun–Aug;12(3–4):172–88
The genodermatopathology of adnexal tumors. Brownstein MH. **J Cutan Pathol** 1984 Oct;11(5):457–65 (25 ref.)
Pseudo-carcinomatous hyperplasia. Civatte J. **J Cutan Pathol** 1985 Jun–Aug;12(3–4):214–23
Clear-cell tumors of the skin: a histopathologic review. Civatte J. **J Cutan Pathol** 1984 Jun;11(3):165–75
Cellular differentiation of basal cell carcinoma studied with fluorescent lectins and cytokeratin antibodies. Kariniemi AL, et al. **J Cutan Pathol** 1984 Dec;11(6):541–8
A comparative immunoperoxidase and histopathologic study of condylomata acuminata. Kimura S, et al. **J Cutan Pathol** 1985 Apr;12(2):142–6
Malignant epidermal tumours. McGibbon DH. **J Cutan Pathol** 1985 Jun–Aug;12(3–4):224–38
Malignant melanocytic tumours. MacKie RM. **J Cutan Pathol** 1985 Jun–Aug;12(3–4):251–65
Hair follicle tumors of the skin. Mehregan AH. **J Cutan Pathol** 1985 Jun–Aug;12(3–4):189–95
Basaloid follicular hamartoma: three cases with localized and systematized unilateral lesions. Mehregan AH, et al. **J Cutan Pathol** 1985 Feb;12(1):55–65
Blue naevus associated with trichoepithelioma: a report of two cases. Newton JA, et al. **J Cutan Pathol** 1984 Dec;11(6):549–52
Delineation of nevus cell nests in inflammatory infiltrates by immunohistochemical staining for the presence of S100 protein. Penneys NS, et al. **J Cutan Pathol** 1985 Feb;12(1):28–32
Large melanoacanthomas: a report of five cases. Prince C, et al. **J Cutan Pathol** 1984 Aug;11(4):309–17
Adnexal displacement and regression in association with

histiocytoma (dermatofibroma). Rahbari H, et al. **J Cutan Pathol** 1985 Apr;12(2):94–102

Adnexal carcinomas of the skin. Santa Cruz DJ, et al. **J Cutan Pathol** 1984 Oct;11(5):450–6 (30 ref.)

Basal cell tumor with eccrine differentiation (eccrine epithelioma). Serrano G, et al. **J Cutan Pathol** 1984 Dec; 11(6):553–7

Aneurysmal (angiomatoid) fibrous histiocytoma. Sood U, et al. **J Cutan Pathol** 1985 Apr;12(2):157–62

The cutaneous pathology of Cowden's disease: new findings. Starink TM, et al. **J Cutan Pathol** 1985 Apr;12(2):83–93

The cutaneous pathology of facial lesions in Cowden's disease. Starink TM, et al. **J Cutan Pathol** 1984 Oct; 11(5):331–7

The cutaneous pathology of extrafacial lesions in Cowden's disease. Starink TM, et al. **J Cutan Pathol** 1984 Oct; 11(5):338–44

Bowenoid papulosis of the chin. Bart RS. **J Dermatol Surg Oncol** 1984 Oct;10(10):821–3

Cutaneous metastatic squamous-cell carcinoma in zosteriform distribution. Buecker JW, et al. **J Dermatol Surg Oncol** 1984 Sep;10(9):718–20

African 'eosinophilic bodies' in vivo in two American men with Kaposi's sarcoma and AIDS. Cantwell AR Jr, et al. **J Dermatol Surg Oncol** 1985 Apr;11(4):408–12

Metastatic squamous-cell carcinomas derived from solar keratosis. Fukamizu H, et al. **J Dermatol Surg Oncol** 1985 May;11(5):518–22

Capsule dermatopathology: nevomelanocytic lesions with spindle cell differentiation. Guillen FJ, et al. **J Dermatol Surg Oncol** 1985 Mar;11(3):225–30

Darkly pigmented lesions in dark-skinned patients. Kalter DC, et al. **J Dermatol Surg Oncol** 1984 Nov;10(11):876–81

Stump the experts. Skin neoplasms. Kouskoukis CE. **J Dermatol Surg Oncol** 1985 Jun;11(6):585, 641

Pedunculated pigmented basal-cell carcinoma on the buttock of a black man. Morimoto SS, et al. **J Dermatol Surg Oncol** 1985 Feb;11(2):115–7

Symmetric basal-cell carcinoma of the auricles. Peled IJ, et al. **J Dermatol Surg Oncol** 1985 Feb;11(2):164

Basal-cell carcinoma occurring in an axilla: a case presentation and a review of factors related to tumor development. Susong CR, et al. **J Dermatol Surg Oncol** 1985 May;11(5):526–30

Trichilemmal neoplasm developing in seborrheic keratosis—report of two cases. Horiguchi Y, et al. **J Dermatol (Tokyo)** 1985 Apr;12(2):167–73

A case of cutaneous plasmacytosis. Ishii N, et al. **J Dermatol (Tokyo)** 1984 Dec;11(6):565–9

A basal cell epithelioma on another basal cell epithelioma. Kikuchi I, et al. **J Dermatol (Tokyo)** 1984 Apr; 11(2):199–202

The so-called mobile encapsulated lipoma. Kikuchi I, et al. **J Dermatol (Tokyo)** 1984 Aug;11(4):410–2

Establishment of cell lines from human malignant melanomas and their application to the assessment of natural killer-like cytotoxicity. Kondo S, et al. **J Dermatol (Tokyo)** 1984 Aug; 11(4):328–34

Epithelial nevi and benign tumors of the skin and their associated systemic conditions. Mehregan AH. **J Dermatol (Tokyo)** 1985 Feb;12(1):10–9

Clear cell acanthoma developing in epidermal nevus. Sawada M, et al. **J Dermatol (Tokyo)** 1984 Jun;11(3):301–4

Effect of cepharanthine on cell-type conversion in B16 mouse melanoma cells. Takeuchi T, et al. **J Dermatol (Tokyo)** 1985 Apr;12(2):138–42

Transepithelial elimination of nevus cell nests. Yuki N, et al. **J Dermatol (Tokyo)** 1984 Apr;11(2):149-54

Cells of extramammary Paget's disease express cytokeratins different from those of epidermal cells. Moll I, et al. **J Invest Dermatol** 1985 Jan;84(1):3–8

Cytokeratin typing of cutaneous tumors: a new immunochemical probe for cellular differentiation and malignant transformation [editorial] Murphy GF. **J Invest Dermatol** 1985 Jan;84(1):1–2

The intracutaneous growth of murine lymphomas: epidermal invasion is characteristic of multiple tumor phenotypes. Piepkorn M, et al. **J Invest Dermatol** 1984 Oct;83(4):281–5

Bowenoid papulosis of the vulva: a case report. Nakjang Y, et al. **J Med Assoc Thai** 1984 Sep;67(9):521–4

Encephalocraniocutaneous lipomatosis and mixed odontogenic tumors. Savage MG, et al. **J Oral Maxillofac Surg** 1985 Aug;43(8):617–20

Spindle cell tumours of the skin of debatable origin. An immunocytochemical study. Eusebi V, et al. **J Pathol** 1984 Nov;144(3):189–99

Cutaneous lymphoma expressing both T-cell and macrophage features. Adams J, et al. **J R Soc Med** 1984; 77 Suppl 4:12–5

Epithelioid sarcoma of Enzinger. Graham RM, et al. **J R Soc Med** 1984;77 Suppl 4:24–6

Spectrum of atypical fibroxanthoma of the skin. Lanigan S, et al. **J R Soc Med** 1984;77 Suppl 4:27–30

Colonization of nonmelanocytic cutaneous lesions by dendritic melanocytic cells: a simulant of acral-lentiginous (palmar-plantar-subungual-mucosal) melanoma. Lambert MW, et al. **J Surg Oncol** 1985 Jan;28(1):12–8

Dermatofibrosarcoma non-protuberans: description and report of five cases of a morpheaform variant of dermatofibrosarcoma. Lambert WC, et al. **J Surg Oncol** 1985 Jan;28(1):7–11

Two Shope papillomavirus-associated VX2 carcinoma cell lines with different levels of keratinocyte differentiation and transplantability. Georges E, et al. **J Virol** 1985 Jul; 55(1):246–50

The changing mole [editorial] Sober AJ. **JAMA** 1985 Mar 15;253(11):1612–3

Cutaneous malignant melanoma in association with other skin cancers. Green AC, et al. **JNCI** 1985 May;74(5):977–80

Primary melanoma cells of the vertical growth phase: similarities to metastatic cells. Herlyn M, et al. **JNCI** 1985 Feb;74(2):283–9

Influence of estrogen administration on tumor characteristics and survival in women with cutaneous melanoma. Lederman JS, et al. **JNCI** 1985 May;74(5):981–5

Basal cell carcinoma with lung metastasis. Akiyama S, et al. **Jpn J Surg** 1985 May;15(3):215–20

More on melanoma [editorial] **Lancet** 1985 Jan 26; 1(8422):201–2

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 52-1984. An 86-year-old woman with chronic facial swelling. **N Engl J Med** 1984 Dec 27;311(26):1686–93

Acquired precursors of cutaneous malignant melanoma. The familial dysplastic nevus syndrome. Greene MH, et al. **N Engl J Med** 1985 Jan 10;312(2):91–7

Fibrosarcoma occurring in scar tissue [letter] Hennipman A, et al. **Neth J Surg** 1985 Jun;37(3):93

Scalp meningioma: case report. Altinörs N, et al. **Neurosurgery** 1985 Mar;16(3):379–80

Distribution of keratin proteins in neoplastic and tumorlike lesions of squamous epithelium. An immunohistochemical study. Mori M, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):63–9

Pilar tumor of the scalp. Chait GE, et al. **Otolaryngol Head Neck Surg** 1985 Feb;93(1):116–9

Metastatic basal cell carcinoma of the head and neck. Conley J, et al. **Otolaryngol Head Neck Surg** 1985 Feb;93(1):78–85

Giant keratoacanthoma of the nose. Lucente FE. **Otolaryngol Head Neck Surg** 1985 Feb;93(1):112–6

Cutaneous adnexal tumors and cysts: a review. Part I. Tumors with hair follicular and sebaceous glandular differentiation and cysts related to different parts of the hair follicle. Massa MC, et al. **Pathol Annu** 1985;20 Pt 2:189–233 (56 ref.)

Recurrent atypical cutaneous histiocytosis. Rilke F, et al. **Pathol Annu** 1985;20 Pt 2:29–58 (138 ref.)

Endocrine carcinoma of the skin (Merkel cell carcinoma). Silva EG, et al. **Pathol Annu** 1984;19 Pt 2:1–30 (41 ref.)

Intra-epithelial changes in childhood nevi simulating malignant melanoma. Cullity G. **Pathology** 1984 Jul; 16(3):307–11

Verrucous hemangioma. Klein JA, et al. **Pediatr Dermatol** 1985 Mar;2(3):191–3

Cerebriform intradermal nevus. Lasser AE. **Pediatr Dermatol** 1983 Jul;1(1):42–4

Benign idiopathic versus mycosis fungoides-associated follicular mucinosis. Nickoloff BJ, et al. **Pediatr Dermatol** 1985 Mar;2(3):201–6

Primary cutaneous T-cell lymphoma in a child. Paller AS, et al. **Pediatr Dermatol** 1984 Oct;2(2):131–5

Lymphomatoid papulosis in an 11-month-old infant. Rogers M, et al. **Pediatr Dermatol** 1984 Oct;2(2):124–30

Effect of dietary fat level on UV-B induced skin tumors, and anti-tumor action of beta-carotene. Mathews-Roth MM, et al. **Photochem Photobiol** 1984 Nov;40(5):671–3

Skeletal changes associated with vascular malformations. Boyd JB, et al. **Plast Reconstr Surg** 1984 Dec;74(6):789–97

Extensive sebaceous nevus. Yardeni P, et al. **Plast Reconstr Surg** 1985 Jul;76(1):118–9

Lymphoma of the thyroid gland associated with mycosis fungoides: sonographic, scintigraphic and CT features. Balachandran S, et al. **Radiat Med** 1984 Oct–Dec;2(4):211–3

Survival curves after X-ray and heat treatments for melanoma cells derived directly from surgical specimens of tumours in man. Rofstad EK, et al. **Radiother Oncol** 1985 Aug;4(1):33–44

Sézary syndrome: phenotypic and functional characterization of the neoplastic cells. Ralfkiaer E, et al. **Scand J Haematol** 1985 May;34(5):385–93

Spontaneous partial regression of malignant melanoma and its first metastasis. Case report. Faxén A, et al. **Scand J Plast Reconstr Surg** 1976;10(3):245–6

Glomus tumor of glans penis. Macaluso JN Jr, et al. **Urology** 1985 Apr;25(4):409–10

Multicentric basal cell carcinoma of penile skin. Peison B, et al. **Urology** 1985 Mar;25(3):322–3

Multiple neuroendocrine carcinomas (so-called Merkel cell tumours) of the skin. Report on two cases with unique clinical course. Katenkamp D, et al. **Virchows Arch [A]** 1984;404(4):403–11

DNA flow cytometry of human epidermal tumours. Intra- and intertumour variability in ploidy and proliferative characteristics. Frentz G, et al. **Virchows Arch [Cell Pathol]** 1985;48(2):175–83

Fibromatosis of infancy and childhood. Histology, ultrastructure and clinicopathologic correlation. Schmidt D, et al. **Z Kinderchir** 1985 Feb;40(1):40–6

[Subungual glomus tumor: histopathological, electron microscopic and immunohistochemical study on glomus tumor cells] Chen GS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Jan;84(1):85–95 (Eng. Abstr.) **(Chi)**

[Esophagogastric heterotopia in the skin of the shoulder] Dvořáček C. **Bratisl Lek Listy** 1984 Oct;82(4):1271–8 (Eng. Abstr.) **(Cze)**

[Multicentric pigmented Bowen's disease in the vulva and anal canal] Andreasson B, et al. **Ugeskr Laeger** 1985 Mar 18;147(12):1039–40 (Eng. Abstr.) **(Dan)**

[Extra-mammary Paget's disease] Kanitakis J. **Ann Dermatol Venereol** 1985;112(1):75–87 **(Fre)**

[Malignant histiocytosis] Laroche L, et al. **Ann Dermatol Venereol** 1984;111(8):715–6 **(Fre)**

[Flynn's atypical regressive histiocytosis in a child] Marghescu S, et al. **Ann Dermatol Venereol** 1984; 111(8):727–8 **(Fre)**

[Unusual and unknown aspect of cutaneous malignant melanoma: minimal deviation malignant melanoma. Retrospective study of 45 cases] Mérot Y, et al. **Ann Dermatol Venereol** 1985;112(4):325–36 (Eng. Abstr.) **(Fre)**

[Tumoral lipomatous nevus. Apropos of a case] N'Diaye B, et al. **Ann Dermatol Venereol** 1984;111(8):737–8 **(Fre)**

[Development and neoplastic progression of benign and malignant cutaneous cylindroma] Pierard-Franchimont C, et al. **Ann Dermatol Venereol** 1984;111(12):1093–8 (Eng. Abstr.) **(Fre)**

[Association of mycosis fungoides and Hodgkin's disease] Souquet PJ, et al. **Ann Dermatol Venereol** 1984; 111(11):981–6 (Eng. Abstr.) **(Fre)**

[Multiple glomangiomatosis] Venencie PY, et al. **Ann Dermatol Venereol** 1984;111(8):769–70 **(Fre)**

[Mycosis fungoides and lymphomatoid papulosis] Wallach D, et al. **Ann Dermatol Venereol** 1984;111(8):773–4 **(Fre)**

[Epithelioma cuniculatum. Apropos of a case with review of the literature] Bendelac A, et al. **Ann Pathol** 1984 Jun–Aug;4(3):223–9 (Eng. Abstr.) **(Fre)**

[Balloon cell melanoma of the skin. Review of the literature. Apropos of 1 case] Fievez M. **Ann Pathol** 1984 Jun–Aug; 4(3):231–5 (Eng. Abstr.) **(Fre)**

[Frontiers of the histopathologic diagnosis of pigmentary nevus/malignant melanoma in children. Apropos of 5 cases] Taieb A, et al. **Ann Pathol** 1984 Sep–Nov;4(4):283–8 (Eng. Abstr.) **(Fre)**

[Primary malignant cutaneous lymphomas excluding mycosis fungoides. Anatomoclinical study of 16 cases] Wechsler J, et al. **Ann Pathol** 1984 Sep–Nov;4(4):273–82 (Eng. Abstr.) **(Fre)**

[Histopathology of Kaposi's sarcoma] Ravisse P, et al. **Bull Soc Pathol Exot Filiales** 1984;77(4 Pt 2):533–45 (Eng. Abstr.) **(Fre)**

[Basal cell nevus syndrome] Dereume JL, et al. **Dermatologica** 1985;170(6):293–6 (Eng. Abstr.) **(Fre)**

[Bullous malignant melanoma] Pierard GE. **Dermatologica** 1985;170(1):48–50 (Eng. Abstr.) **(Fre)**

[Stewart-Treves syndrome] Pirard C, et al. **Dermatologica** 1985;170(6):286–92 (Eng. Abstr.) **(Fre)**

[Eccrine porocarcinoma. Presentation of 4 cases] Ruffieux C, et al. **Dermatologica** 1985;170(4):202–6 (Eng. Abstr.) **(Fre)**

[Malignant melanoma] Banzet P, et al. **Presse Med** 1984 Dec 1;13(43):2613–5 **(Fre)**

[Malignant melanoma in children and adolescents. 8 cases] Vennin P, et al. **Presse Med** 1985 Mar 2;14(9):529–32 (Eng. Abstr.) **(Fre)**

[Merkel's tumor] Bonneau R, et al. **Union Med Can** 1984 Jun;113(6):470 **(Fre)**

[Congenital intradermal cellular nevus] Bourgault A, et al. **Union Med Can** 1985 Feb;114(2):150 **(Fre)**

[Neuroblastoma—the 2d most frequent malignant tumor in childhood. An overview based on a case report] Albrecht-Nebe H, et al. **Dermatol Monatsschr** 1984; 170(9):589–97 (Eng. Abstr.) **(Ger)**

[Multicentric reticulohistiocytosis. Monosymptomatic form] Jacobi H, et al. **Dermatol Monatsschr** 1984;170(8):523–30 (Eng. Abstr.) **(Ger)**

[Acquired fibrokeratoma] Narwutsch M, et al. **Dermatol Monatsschr** 1985;171(4):254–8 (Eng. Abstr.) **(Ger)**

[Coincidence of multiple tumors in the sacral region] Schulze P, et al. **Dermatol Monatsschr** 1984;170(9):600–5 (Eng. Abstr.) **(Ger)**

[Glomus tumors of the skin. Histologic subtypes, localization and clinical aspects] Schumacher M. **Fortschr Med** 1985 Feb 7;103(5):77–81 (Eng. Abstr.) **(Ger)**

[Cutaneous leiomyosarcoma] Braun-Falco O, et al. **Hautarzt** 1984 Aug;35(8):428–9 (Eng. Abstr.) **(Ger)**

[Eccrine spiradenoma] Eich N, et al. **Hautarzt** 1985 Apr; 36(4):240–1 (Eng. Abstr.) **(Ger)**

[Spinocellular cancer at the site of chronic discoid lupus erythematosus] Heider L, et al. **Hautarzt** 1984 Sep; 35(9):464–7 (Eng. Abstr.) **(Ger)**

[Importance of the proliferating trichilemmal cyst] Hödl S, et al. **Hautarzt** 1984 Dec;35(12):640–4 (Eng. Abstr.) **(Ger)**

[Trichoadenoma (Nikolowski). A clinical and histologic case report] Undeutsch W, et al. **Hautarzt** 1984 Dec; 35(12):650–2 (Eng. Abstr.) **(Ger)**

[Angiosarcoma in primary lymphedema of the lower extremity—Stewart-Treves syndrome] Schmitz-Rixen T, et al. **Vasa** 1984;13(3):262–6 (Eng. Abstr.) **(Ger)**

[Sunbath, tanning booths and skin changes] Jung HD. **Z Arztl Fortbild (Jena)** 1985;79(2):49–50 **(Ger)**

[Malignant transformation of cutaneous cylindromas. 2 case reports and a review of the literature] Beideck M, et al. **Z Hautkr** 1985 Jan;60(1-2):73–8 (Eng. Abstr.) **(Ger)**

[Fibrofolliculoma] Gartmann H. **Z Hautkr** 1985 Apr 1;

60(7):567-75 (Eng. Abstr.) **(Ger)**

[Eccrine porocarcinoma] Gartmann H. **Z Hautkr** 1985 Apr 1;60(7):555-62 (Eng. Abstr.) **(Ger)**

[Macrophotography in transmitted light. Contribution to an analysis of horizontal structures of pigmented skin tumors] Haas N, et al. **Z Hautkr** 1984 Aug 1;59(15):985-9 (Eng. Abstr.) **(Ger)**

[Malignant eccrine poroma] Horn T, et al. **Z Hautkr** 1985 Jun 15;60(12):992-9 (Eng. Abstr.) **(Ger)**

[Vegetating basalioma] Nützel D. **Z Hautkr** 1985 May 1; 60(9):706-11 (Eng. Abstr.) **(Ger)**

[Neuroendocrine carcinoma of the skin. Morphology and differential diagnosis based on 2 clinical cases] Katenkamp D, et al. **Zentralbl Allg Pathol** 1984;129(4):383-92 (Eng. Abstr.) **(Ger)**

[Angiomatoid fibrohistiocytoma] De Rosa G, et al. **Arch De Vecchi Anat Patol** 1983 Jul;65(2-3):149-57 (Eng. Abstr.) **(Ita)**

[Anatomo-clinical considerations on 2 cases of hibernoma] Fucini C, et al. **Arch De Vecchi Anat Patol** 1983 Jul; 65(2-3):265-76 (Eng. Abstr.) **(Ita)**

[A rare case of hygroma of the back] Romanini L, et al. **Chir Organi Mov** 1982-83;68(4-6):791-5 (Eng. Abstr.) **(Ita)**

[Epidermic nevus syndrome of Solomon. Verruco-sebaceous nevus with syringocystadenoma papilliferum and pilomatrixoma] Aloi FG, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec;119(6):401-5 (Eng. Abstr.) **(Ita)**

[Multiple trichoepithelioma, cylindroma, eccrine spiradenoma present in the same family. Histologic and histopathogenetic considerations] Cecchi R, et al. **G Ital Dermatol Venereol** 1985 Mar-Apr;120(2):149-52 (Eng. Abstr.) **(Ita)**

[Dermatofibrosarcoma protuberans with pulmonary and lymph node metastasis. Description of a case and review of the literature] D'Ambros Rosso GM, et al. **G Ital Dermatol Venereol** 1984 Sep-Oct;119(5):345-50 (Eng. Abstr.) **(Ita)**

[Eruptive capillary hemangioma in an adult, with partial autoresolution] Nigro M, et al. **G Ital Dermatol Venereol** 1985 May-Jun;120(3):179-82 (Eng. Abstr.) **(Ita)**

[Epidermoid cysts with seborrheic verruca-like walls] Pippione M, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec; 119(6):427-9 (Eng. Abstr.) **(Ita)**

[Lymphangiosarcoma arising on a lymphedematous arm in a mastectomy patient (or Stewart-Treves syndrome). Description of a case with optic microscopy and electron microscopy findings] Arcuri V, et al. **Pathologica** 1984 Nov-Dec;76(1046):737-42 (Eng. Abstr.) **(Ita)**

[Hibernoma: description of a case] Bacchini P, et al. **Pathologica** 1984 May-Jun;76(1043):403-7 (Eng. Abstr.) **(Ita)**

[Dermatofibrosarcoma protuberans. A clinicopathologic study of 27 cases with particular reference to distinction from fibrosarcoma or malignant fibrous histiocytoma] Yokoyama K. **Fukuoka Igaku Zasshi** 1984 Jul;75(7):381-96 (Eng. Abstr.) **(Jpn)**

[A case of malignant clear cell hidradenoma of the skin presumably arising from adenoma] Tanino M, et al. **Gan No Rinsho** 1984 Nov;30(14):1845-8 (Eng. Abstr.) **(Jpn)**

[Other malignant skin tumors: carcinoma of cutaneous appendages and metastatic carcinoma to the skin] Arao T. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1767-74 (Eng. Abstr.) **(Jpn)**

[Skin cancer and precancerosis] Ikeda S, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1755-66 (Eng. Abstr.) **(Jpn)**

[Six cases of angiosarcoma of the scalp] Ikegawa S, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Mar;95(4):437-45 **(Jpn)**

[Hemangiosarcoma of the skin--a clinicopathological study of 14 cases] Kiryu H. **Nippon Hifuka Gakkai Zasshi** 1985 Feb;95(2):117-34 **(Jpn)**

[A case of suppressor/cytotoxic T cell lymphoma originating from the skin and revealing a rapid clinical course due to DIC] Maeda K, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jul;94(8):913-20 **(Jpn)**

[A case of squamous cell carcinoma of the palm invading along the ulnar nerve] Masahashi T, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Nov;94(13):1509-14 **(Jpn)**

[Two cases of lobular capillary hemangioma] Matsumoto K, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Aug;94(9):1039-43 **(Jpn)**

[A case of erythroleukemia with skin involvement] Mizukoshi N, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Apr; 95(5):585-90 **(Jpn)**

[A case of localized folded skin with underlying lipomatosis nevus] Oka K, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Aug;94(9):997-1001 **(Jpn)**

[Dysplastic nevus: I: Clinical and histological findings] Takahashi H, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Nov; 94(13):1537-46 **(Jpn)**

[Subungual melanoma: clinicopathologic studies of 16 cases] Takematsu H, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Oct;94(11):1277-84 **(Jpn)**

[A case of precancerous hair follicle tumor on the large pudendal lip] Hiraoka K, et al. **Sangyo Ika Daigaku Zasshi** 1985 Jun 1;7(2):229-35 (Eng. Abstr.) **(Jpn)**

[A case of cancer with 2 different histological structures] Cesarz-Fronczyk M, et al. **Pneumonol Pol** 1985 Feb; 53(2):105-7 **(Pol)**

[Woolly hair nevus] Rodrigues JC. **Med Cutan Ibero Lat Am** 1984;12(4):327-30 (Eng. Abstr.) **(Por)**

[Disseminated mycosis fungoides] Trope BM, et al. **Med Cutan Ibero Lat Am** 1985;13(1):35-42 (Eng. Abstr.) **(Por)**

[Human melanoma strains transplantable into athymic mice and rats] Revazova ES, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):481-3 (Eng. Abstr.) **(Rus)**

[Stimulation of grafting of a minimal number of tumor cells after their transplantation into the subcutaneous 'air pouch'] Vasil'ev IuM, et al. **Eksp Onkol** 1985;7(2):36-7 (Eng. Abstr.) **(Rus)**

[Malignant degeneration of a congenital giant pigmented nevus] Khutiev TsS, et al. **Khirurgiia (Mosk)** 1985 Mar; (3):122 **(Rus)**

[Characteristics of the cytogram in precancerous conditions of the skin] Genes IS, et al. **Lab Delo** 1985;(5):298-300 (Eng. Abstr.) **(Rus)**

[Cytomorphological characteristics of basaliomas] Gladunova ZD. **Lab Delo** 1985;(2):78-81 (Eng. Abstr.) **(Rus)**

[Blue nevus of the skin of the lower eyelid and of the conjunctiva of the left eye] Pil'man NI, et al. **Oftalmol Zh** 1984;(3):184-5 **(Rus)**

[Identification of the cells of dermal proliferation in hemodermias (malignant lymphomas)] Kalamkarian AA, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):8-13 (Eng. Abstr.) **(Rus)**

[Case of Kaposi's sarcoma combined with villous cell leukemia] Kerimov SG, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):45-8 (Eng. Abstr.) **(Rus)**

[Case of Recklinghausen's disease] Kotov AA, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):50-1 (Eng. Abstr.) **(Rus)**

[Gottron's reticulosarcomatosis] Savitskaia LN, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):56-7 (Eng. Abstr.) **(Rus)**

[Merkel's tumor in the diagnostic evaluation of clinically non-detectable neoplasms (letter)] Vera-Román JM, et al. **Med Clin (Barc)** 1984 Dec 1;83(18):777 **(Spa)**

[Multiple clear-cell acanthoma] Bordas X, et al. **Med Cutan Ibero Lat Am** 1984;12(6):457-60 (Eng. Abstr.) **(Spa)**

[Multiple neurofibromas with zoniform distribution] Carlevaro de Tiscornia A, et al. **Med Cutan Ibero Lat Am** 1984;12(5):413-6 (Eng. Abstr.) **(Spa)**

[Basal cell epitheliomas of the extremities. Presentation of 16 cases] de Anda G, et al. **Med Cutan Ibero Lat Am** 1984; 12(5):390-4 (Eng. Abstr.) **(Spa)**

[Dysplasic nevus syndrome] Macedo NA, et al. **Med Cutan Ibero Lat Am** 1984;12(4):319-22 (Eng. Abstr.) **(Spa)**

[Unusual localization of Bowen's disease as a cause of iatrogenesis] Molina Leguizamón EB. **Med Cutan Ibero Lat Am** 1984;12(5):417-20 (Eng. Abstr.) **(Spa)**

[Review of 50 Spitz nevi. Clinicopathologic characteristics] Moreno A, et al. **Med Cutan Ibero Lat Am** 1984;12(5):371-7 (Eng. Abstr.) **(Spa)**

[Coexistence of lineal verrucous and pigmentocellular nevi] Sanchez-Pedreño P, et al. **Med Cutan Ibero Lat Am** 1984; 12(4):323-5 (Eng. Abstr.) **(Spa)**

[Subcutaneous multiple angiolipomas] Holgado Silva CJ, et al. **Rev Clin Esp** 1985 Feb;176(3):152-4 (Eng. Abstr.) **(Spa)**

[Intestinal metastasis of malignant melanoma] Rodríguez Alvarez JL, et al. **Rev Esp Enferm Apar Dig** 1985 Mar; 67(3):285-90 (Eng. Abstr.) **(Spa)**

[Connective nevus] Orozco MA, et al. **Rev Fac Cien Med Univ Nac Cordoba** 1983;41(3-4):40-3 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Spontaneous partial regression of primary melanoma with death due to metastases. Saida T, et al. **Arch Dermatol** 1984 Nov;120(11):1494-6

Growth of cavernous hemangioma with puberty. Baker ER, et al. **Clin Pediatr (Phila)** 1985 Oct;24(10):596-8

Nonmelanoma skin cancer, melanomas, warts, and viral oncogenesis. Epstein WL, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 2):960-70 (30 ref.)

Regional blood flow and mycosis fungoides [letter] Zackheim HS, et al. **J Am Acad Dermatol** 1985 Mar;12(3):578-80

Is 'localized epidermotropic reticulosis' (Woringer-Kolopp disease) benign? Zackheim HS. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):276-83

Statistics of nevi in 3-year-old Japanese children. Kikuchi I. **J Dermatol (Tokyo)** 1984 Jun;11(3):219-24

Xeroderma pigmentosum: oldest living survivor? Kucan JO, et al. **Plast Reconstr Surg** 1985 Jan;75(1):107-11

[Functional activity of the thymus gland and pituitary-adrenal system in patients with malignant skin melanoma] Labunets IF, et al. **Eksp Onkol** 1984;6(1):63-5 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Selenium inhibits UV-light-induced skin carcinogenesis in hairless mice. Overvad K, et al. **Cancer Lett** 1985 Jun; 27(2):163-70

Can tumour promotion be effectively inhibited? Slaga TJ. **IARC Sci Publ** 1984;(56):497-506

Skin cancer comic book: evaluation of a public educational vehicle. Putnam GL, et al. **J Audiov Media Med** 1985 Jan; 8(1):22-5

Retinoids and cancer [editorial] Pack GL. **J Invest Dermatol** 1985 Aug;85(2):87-8

Inhibition by retinoic acid of murine retrovirus-induced cellular transformation and tumor formation. Giese NA, et al. **JNCI** 1985 May;74(5):1135-44

Preventive and enhancing effects of retinoids on the development of naturally occurring tumors of skin, prostate gland, and endocrine pancreas in aged male ACI/segHapBR rats. Ohshima M, et al. **JNCI** 1985 Feb; 74(2):517-24

Prevention of melanoma by recognition of its precursors [letter] Cohen HJ. **N Engl J Med** 1985 May 23;312(21):1388

PSYCHOLOGY

Factors related to patient delay in seeking medical attention for cutaneous malignant melanoma. Temoshok L, et al. **Cancer** 1984 Dec 15;54(12):3048-53

The relationship of psychosocial factors to prognostic indicators in cutaneous malignant melanoma. Temoshok L, et al. **J Psychosom Res** 1985;29(2):139-53

Food intake during tumor growth: anorexia in genetically obese ob/ob mice and hyperphagia in lean mice. Thompson CI, et al. **Physiol Behav** 1984 Jun;32(6):935-9

Biopsychosocial studies on cutaneous malignant melanoma: psychosocial factors associated with prognostic indicators, progression, psychophysiology and tumor-host response. Temoshok L. **Soc Sci Med** 1985;20(8):833-40

RADIOGRAPHY

Sinus pericranii with dural venous lakes. Beers GJ, et al. **AJNR** 1984 Sep-Oct;5(5):629-31

Sinus pericranii and venous angioma in the blue-rubber bleb nevus syndrome. Sherry RG, et al. **AJNR** 1984 Nov-Dec; 5(6):832-4

Rapid pulmonary dissemination in mycosis fungoides simulating pneumonia. A case report and review of the literature. Rubin DL, et al. **Cancer** 1985 Aug 1;56(3):649-51

Hemorrhagic nerve sheath tumors (plexiform neurofibromas) of the scalp: CT findings. Nanni D, et al. **J Comput Assist Tomogr** 1985 Mar-Apr;9(2):272-4

Osteoma cutis: computed tomography appearance. Mahoney PD, et al. **J Comput Tomogr** 1985 Jan;9(1):61-3

Unilateral hyperlucency on chest radiograph. Chillag SA, et al. **J SC Med Assoc** 1984 Dec;80(12):605-7

RADIONUCLIDE IMAGING

Use of radionuclide lymphograms to determine lymphatic drainage of truncal melanomas. Jones RF, et al. **Am J Surg** 1985 May;149(5):613-4

Coincidental diagnosis of clinically undetectable primary breast carcinoma with a gallium-67 study performed for assessment of spread of malignant melanoma. Rossleigh MA, et al. **Aust NZ J Surg** 1984 Aug;54(4):391-2

Radionuclide lymphoscintigraphy with technetium 99m antimony sulfide colloid to identify lymphatic drainage of cutaneous melanoma at ambiguous sites in the head and neck and trunk. Wanebo HJ, et al. **Cancer** 1985 Mar 15; 55(6):1403-13

Scintigraphic visualization of human malignant melanoma with N-isopropyl-P-[I-123] iodoamphetamine. Wada M, et al. **Clin Nucl Med** 1985 Jun;10(6):415-7

Positive 57Co-bleomycin scintigraphy in silent mediastinal metastases of malignant melanoma. Valdés Olmos RA, et al. **Eur J Nucl Med** 1985;10(1-2):86-7

[Significance of gallium scintigraphy in tumors and granulomatosis of the skin] Thiers G, et al. **Z Hautkr** 1984 Sep 1;59(17):1183-4, 1187 (Eng. Abstr.) **(Ger)**

[Clinical assessment of 67Ga-citrate tumor scintigraphy in malignant melanoma] Kosuda S, et al. **Kaku Igaku** 1984 Jul;21(7):781-90 (Eng. Abstr.) **(Jpn)**

[Studies of the properties of experimental melanoma using 75Se-methionine] Savel'eva OP. **Eksp Onkol** 1984; 6(5):73-4 (Eng. Abstr.) **(Rus)**

RADIOTHERAPY

Total skin electron beam irradiation for cutaneous T-cell lymphoma (mycosis fungoides). Van Vloten WA, et al. **Br J Dermatol** 1985 Jun;112(6):697-702

Treatment of malignant melanoma by fast neutrons. Blake PR, et al. **Br J Surg** 1985 Jul;72(7):517-9

Astrocytoma following scalp radiotherapy in infancy. Zochodne DW, et al. **Can J Neurol Sci** 1984 Nov; 11(4):475-8

Leukemia cutis treated with total skin irradiation. Rubin CM, et al. **Cancer** 1985 Jun 1;55(11):2649-52

Interstitial misonidazole. A preliminary report on a new perspective in clinical radiation sensitization and hypoxic cell chemotherapy. Sealy R, et al. **Cancer** 1984 Oct 15; 54(8):1535-40

Total skin electron beam and total nodal irradiation for treatment of patients with cutaneous T-cell lymphoma.

Micaily B, et al. **Int J Radiat Oncol Biol Phys** 1985 Jun; 11(6):1111-5

Delayed cerebral pseudo-tumoral radionecrosis following scalp-tumour irradiation. Case report and review of literature. Vallee B, et al. **J Neurol** 1984;231(3):135-40

Clinical and histological evaluation of portwine stain treatment with a microsecond-pulsed dye-laser at 577 NM. Hulsbergen Henning JP, et al. **Lasers Surg Med** 1984; 4(4):375-80

Argon laser treatment of port-wine stains. Dicken CH. **Mayo Clin Proc** 1985 Feb;60(2):115-7

Calculation of surface dose in rotational total skin electron irradiation. Pla C, et al. **Med Phys** 1984 Jul-Aug; 11(4):539-46

Photoradiation therapy of cutaneous angiosarcomas in mice. Liu MS, et al. **Plast Reconstr Surg** 1985 Aug;76(2):286-92

Cutaneous lymphoid hyperplasia: results of radiation therapy. Olson LE, et al. **Radiology** 1985 May;155(2):507-9

Dose-response curve and split-dose recovery in human skin cancer. Trott KR, et al. **Radiother Oncol** 1984 Aug; 2(2):123-9

[The carcinogenic role of earlier x-ray irradiation of multiple epitheliomas of the back. Critical study of 15 personal cases] Colomb D, et al. **Ann Dermatol Venereol** 1985;112(1):13-9 (Eng. Abstr.) **(Fre)**

[Total body electron therapy of mycosis fungoides] Salamon E, et al. **J Belge Radiol** 1984;67(3):177-82 (Eng. Abstr.) **(Fre)**

[Treatment of squamous cell carcinoma of the skin with high energy electron beam] Inomata T, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Jul 20;19(6):1259-64 (Eng. Abstr.) **(Jpn)**

[Whole body irradiation by high energy electrons for mycosis fungoides] Koga K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Feb 25; 45(2):364-72 (Eng. Abstr.) **(Jpn)**

[Effective irradiation of whole body in a case of malignant lymphoma] Mitomo O, et al. **Rinsho Hoshasen** 1984 Aug; 29(8):893-6 (Eng. Abstr.) **(Jpn)**

[Intensive preoperative electron therapy in the combined treatment of melanoma of the skin] Kudriavtseva GT, et al. **Med Radiol (Mosk)** 1985 May;30(5):37-43 (Eng. Abstr.) **(Rus)**

SECONDARY

Epidermotropic metastatic squamous cell carcinoma. Report of two cases showing histologic continuity between epidermis and metastasis. Weidner N, et al. **Arch Dermatol** 1985 Aug;121(8):1041-3

Cutaneous seeding of malignant tumours after insertion of percutaneous prosthesis for obstructive jaundice. Shorvon PJ, et al. **Br J Surg** 1984 Sep;71(9):694-5

Long-term survival with cutaneous metastases from prostatic cancer. Fallon B, et al. **Br J Urol** 1984 Oct;56(5):544

Unusual presentation of carcinoma of prostate. Mittapalli MH, et al. **Br J Urol** 1984 Aug;56(4):435-6

Blood-borne spread of a benign giant cell tumor from the radius to the soft tissue of the hand. Joly MA, et al. **Cancer** 1984 Dec 1;54(11):2564-7

Tumor metastasis from multiple myeloma and Burkitt's lymphoma in Broviac catheter tracts. Stellato TA, et al. **Cancer** 1985 Jun 1;55(11):2715-7

Renal cell carcinoma metastatic to skin. Lumpkin LR 3d, et al. **Cutis** 1984 Aug;34(2):143-4

Skin metastasis of adenocarcinoma of the urinary bladder. Takematsu H, et al. **Dermatologica** 1984;169(6):363-4

Subcutaneous metastases without visceral metastases from an adenocarcinoma of the rectum. Herrera-Ornelas L, et al. **Dis Colon Rectum** 1985 Jul;28(7):523-5

Female sex is a risk factor for satellite and in-transit recurrences from cutaneous melanoma. Rampen FH, et al. **Eur J Cancer Clin Oncol** 1984 Sep;20(9):1151-3

Evaluating cancer metastatic to the skin. White JW Jr. **Geriatrics** 1985 Aug;40(8):67-73

Bronchial adenocarcinoid tumor metastatic to skin. Terzakis JA. **Hum Pathol** 1984 Dec;15(12):1188-90

Metastatic cutaneous carcinoid. Archer CB, et al. **J Am Acad Dermatol** 1985 Aug;13(2 Pt 2):363-6

Papillary adenoma of the nipple: analysis of fifteen new cases. Brownstein MH, et al. **J Am Acad Dermatol** 1985 Apr; 12(4):707-15

Metastatic epidermotropic squamous cell carcinoma of the vagina. Saruk M, et al. **J Am Acad Dermatol** 1984 Aug; 11(2 Pt 2):353-6

Hypopharyngeal squamous cell carcinoma metastatic to skin. Schultz BM, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):169-72

Secondary neuroendocrine carcinomas of the skin. An immunohistochemical comparison with primary neuroendocrine carcinoma of the skin ('Merkel cell' carcinoma). Wick MR, et al. **J Am Acad Dermatol** 1985 Jul;13(1):134-42

Ultrastructural features of metastatic cutaneous carcinoid. Archer CB, et al. **J Cutan Pathol** 1984 Dec;11(6):485-90

Cutaneous metastases. McKee PH. **J Cutan Pathol** 1985 Jun-Aug;12(3-4):239-50

Metastatic follicular carcinoma of the thyroid to the skin: a case confirmed by immunohistochemistry. Rico MJ, et al. **J Cutan Pathol** 1985 Apr;12(2):103-5

Cutaneous metastasis of a radiation-associated thyroid medullary carcinoma. Bevilacqua G, et al. **J Endocrinol Invest** 1984 Dec;7(6):653-7

Bronchial carcinoid presenting with cutaneous metastases. Archer CB, et al. **J R Soc Med** 1984;77 Suppl 4:33-4

Scalp metastases as the initial presentation of malignant fibrous histiocytoma. Chen KT. **J Surg Oncol** 1984 Nov; 27(3):179-80

[Unusual skin metastases of a stomach cancer] Wiesner M, et al. **Dermatol Monatsschr** 1984;170(5):336-41 (Eng. Abstr.) **(Ger)**

[Malignant thymoma with polymorphic exanthema and erosive mucous membrane changes] Altmeyer P, et al. **Hautarzt** 1984 Dec;35(12):645-9 (Eng. Abstr.) **(Ger)**

[Metastatic carcinoma of the skin] Ronen M, et al. **Harefuah** 1984 Dec 2;107(11):336-9 (Eng. Abstr.) **(Heb)**

[Secondary neoplasms in children] Zmudzka I, et al. **Pol Tyg Lek** 1984 May 28;39(22):751-2 (Eng. Abstr.) **(Pol)**

[Mixed small and large cell undifferentiated carcinoma of the lung] Tuder RM, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Mar-Apr; 39(2):88-91 (Eng. Abstr.) **(Por)**

[Subcutaneous metastases of an adenocarcinoma of the prostate] Estébanez Zarranz MJ, et al. **Arch Esp Urol** 1985 Jan-Feb;38(1):25-7 (Eng. Abstr.) **(Spa)**

SURGERY

A critique of surgical practice in excisions of primary cutaneous malignant melanoma. Ackerman AB, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:109-11

Margins of surgically excised malignant melanomas are related to the diameters of their lesions. Bagley FH. **Am J Dermatopathol** 1984 Summer;6 Suppl:127-8

On widths of margins in excision of primary malignant melanomas. Ethics of randomized trials of wide and narrow margins. Elder DE, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:131-3

Surgical margins for malignant melanomas. Kopf AW. **Am J Dermatopathol** 1984 Summer;6 Suppl:113-4

Clear thinking about malignant melanoma. Macht SD. **Am J Dermatopathol** 1984 Summer;6 Suppl:115-6

Resolving the problem of wide and deep excisions of malignant melanomas. MacKie R. **Am J Dermatopathol** 1984 Summer;6 Suppl:135-6

Excising malignant melanoma. Trimming the margins. Malt RA, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:117-8

Lymphangiosarcoma in chronic lymphedema that followed dissection of the groin in surgical management of a malignant melanoma. Ronan SG, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:245-51

Defining the definitive excision for primary cutaneous malignant melanoma. Roses DF. **Am J Dermatopathol** 1984 Summer;6 Suppl:119-22

Appropriate margins for resection of malignant melanoma in situ. Schmoeckel C. **Am J Dermatopathol** 1984 Summer; 6 Suppl:129-30

Perineural invasion in squamous cell skin carcinoma of the head and neck. Goepfert H, et al. **Am J Surg** 1984 Oct; 148(4):542-7

Melanoma today does not require radical surgery. Lang NP, et al. **Am J Surg** 1984 Dec;148(6):723-6

Safe margins for melanoma excision. Fisher JC. **Ann Plast Surg** 1985 Feb;14(2):158-61

Microsurgical technique in resection of hemangioma in infants. Fujino T, et al. **Ann Plast Surg** 1985 Mar; 14(3):190-204

Metastatic basal cell carcinoma. Riefkohl R, et al. **Ann Plast Surg** 1984 Dec;13(6):525-8

Biopsy procedures, primary wide excisional surgery and long term prognosis in primary clinical stage I invasive cutaneous malignant melanoma. Griffiths RW, et al. **Ann R Coll Surg Engl** 1985 Mar;67(2):75-8

Surgical management of cutaneous melanoma [letter] Dvir E. **Ann Surg** 1985 Apr;201(4):533

The frequency of local recurrence and microsatellites as a guide to reexcision margins for cutaneous malignant melanoma. Kelly JW, et al. **Ann Surg** 1984 Dec; 200(6):759-63

Cutaneous melanoma. Diagnosis and surgical intervention. Greany D, et al. **AORN J** 1985 Jul;42(1):43-9

A personal story about malignant melanoma. The impact of one OR nurse. Rothrock JC. **AORN J** 1985 Jul;42(1):51-2

Congenital nevi. The controversy rages on [editorial] Alper JC. **Arch Dermatol** 1985 Jun;121(6):734-5

Removal of congenital nevocytic nevi [letter] Kopf AW. **Arch Dermatol** 1985 Aug;121(8):967

Failure of curettage and electrodesiccation for removal of basal cell carcinoma. Suhge d'Aubermont PC, et al. **Arch Dermatol** 1984 Nov;120(11):1456-60

Removal of subcutaneous dermoids with the assistance of a cryoprobe [letter] Nelson LB, et al. **Arch Ophthalmol** 1985 Sep;103(9):1270, 1272

Malignant melanoma in childhood. Flemming AF, et al. **Br J Plast Surg** 1985 Jul;38(3):432-4

Argon laser photocoagulation of various angiomas. Maillard GF, et al. **Br J Plast Surg** 1985 Apr;38(2):156-62

Penetrating Marjolin's ulcer of scalp involving bone and dura mater treated by wide excision and direct application of a split-skin graft on the brain: a 10-year follow-up. Maillard GF, et al. **Br J Plast Surg** 1984 Oct;37(4):463-7

Malignant melanoma, evaluation of clinical follow up by questionnaire survey. Regan MW, et al. **Br J Plast Surg** 1985 Jan;38(1):11-4

An operation for the treatment of cutaneous neurofibromatosis. Roberts AH, et al. **Br J Plast Surg** 1985 Apr;38(2):292-3

At least one centimetre for each millimetre [letter] **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1070-1

Malignant skin conditions. Davies DM. **Br Med J [Clin Res]** 1985 Apr 20;290(6476):1190-4

Benign skin tumours and conditions. Davies DM. **Br Med J [Clin Res]** 1985 Apr 13;290(6475):1128-31

Benign skin tumors [letter] Davies DM. **Br Med J [Clin Res]** 1985 Jul 20;291(6489):217-8

At least one centimetre for each millimetre [editorial] Rampen FH. **Br Med J [Clin Res]** 1984 Sep 29; 289(6448):782-3

Surgical treatment of malignant skin conditions [letter] Walker NP, et al. **Br Med J [Clin Res]** 1985 Jun 8; 290(6483):1747-8

Surgical treatment of distant metastatic melanoma. Indications and results. Overett TK, et al. **Cancer** 1985 Sep 1;56(5):1222-30

The influence of surgical margins and prognostic factors predicting the risk of local recurrence in 3445 patients with primary cutaneous melanoma. Urist MM, et al. **Cancer** 1985 Mar 15;55(6):1398-402

Treatment of osteoma cutis. Wilhelmsen HR, et al. **Cutis** 1984 May;33(5):481, 483

Hyperpigmentation induced by argon laser therapy of hemangiomas. Optical and electron microscope studies. Bonafé JL, et al. **Dermatologica** 1985;170(5):225-9

A policy of selective excision for primary cutaneous malignant melanoma. Taylor BA, et al. **Eur J Surg Oncol** 1985 Mar;11(1):7-13

A marsupialization procedure for repair of large cutaneous surgical wounds. Lewis JE. **Int J Dermatol** 1985 Jun; 24(5):322-3

Pilomatrixoma of the head and neck in children. Hawkins DB, et al. **Int J Pediatr Otorhinolaryngol** 1985 Mar; 8(3):215-23

Curettage and shave excision [letter] Brooks NA. **J Am Acad Dermatol** 1985 Jun;12(6):1107-8

Mohs' surgery using permanent sections [letter] King DF. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):304-5

Subungual epidermoid carcinoma. Mikhail GR. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):291-8

Dermatofibrosarcoma protuberans resected by Mohs' surgery (chemosurgery). A 5-year prospective study. Robinson JK. **J Am Acad Dermatol** 1985 Jun;12(6):1093-8

Treatment of basal cell epithelioma by curettage and electrodesiccation. Spiller WF, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):808-14

Histologic control of excised tissue edges in the operative treatment of basal-cell carcinomas. Breuninger H. **J Dermatol Surg Oncol** 1984 Sep;10(9):724-8

Malignant melanoma prognostic factors 7: elective lymph node dissection. Day CL Jr, et al. **J Dermatol Surg Oncol** 1985 Mar;11(3):233-9

Recurrent dysplastic nevus following shave excision. Duray PH, et al. **J Dermatol Surg Oncol** 1984 Oct;10(10):811-5

Treatment of a large, ulcerating, granular-cell tumor by microscopically controlled excision. Dzubow LM, et al. **J Dermatol Surg Oncol** 1985 Apr;11(4):392-5

Delayed extensor tendon rupture: a complication of Mohs surgery. Gaspari AA, et al. **J Dermatol Surg Oncol** 1984 Sep;10(9):721-3

CO2 laser treatment of trichoepithelioma with focused and defocused beam. Sawchuk WS, et al. **J Dermatol Surg Oncol** 1984 Nov;10(11):905-7

Malignant melanoma and lymph nodes. Tritsch H. **J Dermatol Surg Oncol** 1985 May;11(5):500-4

The use of the latissimus dorsi muscle flap for posterior scalp defects. Narula AA, et al. **J Laryngol Otol** 1985 Jul; 99(7):693-9

Mohs' surgery for removal of skin carcinomas. d'Aubermont PC, et al. **J Med Assoc Ga** 1985 Jan;74(1):42-4

Argon laser in the treatment of port wine stains [editorial] Carruth JA. **J R Soc Med** 1984 Sep;77(9):722-4

Primary neuroendocrine carcinoma of the skin (Merkel's cell carcinoma). Alexiou G, et al. **J Surg Oncol** 1984 Sep; 27(1):31-4

Width of excision of melanoma [letter] Taylor BA, et al. **Lancet** 1985 Mar 23;1(8430):693

New technique for the argon laser in the treatment of port wine stains. Lee KJ, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):872-3

Palliative laser surgery for melanoma metastatic to the larynx: report of two cases. Morgan AH, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):794-7

Treatment of benign, semimalignant, and malignant skin tumors with the Nd:YAG laser. Brunner R, et al. **Lasers Surg Med** 1985;5(2):105-10

Carbon dioxide laser in scalp tumor surgery. Sacchini V, et al. **Lasers Surg Med** 1984;4(3):261-9

Selective use of wide excision with elective lymph node dissection for malignant melanoma. Fortner JG, et al. **Pathol Annu** 1985;20 Pt 1:239-46

Giant congenital melanocytic nevus: quantification of nevus debulking after split-thickness excision. Sagebiel RW, et al. **Pediatr Dermatol** 1984 Oct;2(2):118-23

Optimal laser parameters for port wine stain therapy: a theoretical approach. Lahaye CT, et al. **Phys Med Biol** 1985 Jun;30(6):573-87

Versatility and safety of flap coverage for wide excision of cutaneous melanomas. Cuono CB, et al.

Plast Reconstr Surg 1985 Aug;76(2):281-5

The benefit of chilling in argon-laser treatment of port-wine stains. Dréno B, et al. **Plast Reconstr Surg** 1985 Jan; 75(1):42-5

Trichoepithelioma: successful treatment with the argon laser. Flores JT, et al. **Plast Reconstr Surg** 1984 Nov;74(5):694-8

Angiokeratoma of Fordyce: successful treatment with the argon laser. Flores JT, et al. **Plast Reconstr Surg** 1984 Dec; 74(6):835-8

Venous drainage in the reverse forearm flap. Lin SD, et al. **Plast Reconstr Surg** 1984 Oct;74(4):508-12

Margins in excision of skin cancer [letter] Trimble JW. **Plast Reconstr Surg** 1984 Nov;74(5):729

Argon laser therapy of port-wine stains: effects and limitations. Yanai A, et al. **Plast Reconstr Surg** 1985 Apr; 75(4):520-7

Dermatofibrosarcoma protuberans in black patients. Kneebone RL, et al. **S Afr Med J** 1984 Dec 15; 66(24):919-21

Sarcoidosis: a cause of bilateral hilar lymphadenopathy after excision of malignant melanoma of the arm. Rubinstein I, et al. **South Med J** 1985 Sep;78(9):1139-40

Squamous cell carcinoma of the fingers treated with chemosurgery. Tomsick RS, et al. **South Med J** 1984 Sep; 77(9):1124-6

Argon laser skin surgery. Dolsky RL. **Surg Clin North Am** 1984 Oct;64(5):861-70

The surgical approach to primary malignant melanoma. Meyer KL, et al. **Surg Gynecol Obstet** 1985 Apr; 160(4):379-86 (55 ref.)

Surgical treatment of congenital thoraco-brachial arterio-venous macrofistula, complicated by haemorrhage, infection and congestive heart failure. Heikkinen ES, et al. **Z Kinderchir** 1984 Oct;39(5):337-8

[Treatment of an extensive skin tumor using cryodestruction followed by autotransplantation] Faltýn J, et al. **Rozhl Chir** 1985 Feb;64(2):123-6 (Eng. Abstr.) **(Cze)**

[Experience with cryodestruction therapy of surgically unremovable tumors] Schmidt D, et al. **Sb Lek** 1984 Jun; 86(5-6):133-7 (Eng. Abstr.) **(Cze)**

[Consensus melanoma of the skin] Suurmond D. **Ned Tijdschr Geneeskd** 1985 Apr 27;129(17):771-2 **(Dut)**

[Should family physicians excise skin lesions suspicious of melanoma] Suurmond D. **Ned Tijdschr Geneeskd** 1984 Sep 1;128(35):1673-4 **(Dut)**

[Radical excision of giant abdominal nevi in infants. Apropos of 3 cases] Marchac D, et al. **Ann Dermatol Venereol** 1985; 112(1):43-8 (Eng. Abstr.) **(Fre)**

[Surgical treatment of malignant melanoma of the skin with special referehce to the vertical tumor diameter] Waclawiczek HW, et al. **Chirurg** 1984 Aug;55(8):508-11 (Eng. Abstr.) **(Ger)**

[Diagnosis and therapy of malignant melanoma in the dermatology clinics of East Germany] Sebastian G, et al. **Dermatol Monatsschr** 1985;171(2):95-101 (Eng. Abstr.) **(Ger)**

[Recurrence following cryosurgical basalioma therapy] Sebastian G, et al. **Dermatol Monatsschr** 1985;171(1):38-44 (Eng. Abstr.) **(Ger)**

[Cryosurgical treatment of benign skin tumors. Experiences in the practice of a general physician] Haehn KD. **Fortschr Med** 1984 Oct 4;102(37):919-20 (Eng. Abstr.) **(Ger)**

[3 years' experience with concentrated autogenous fibrin glue in plastic ENT surgery] Wolf G, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Feb;64(2):89-92 (Eng. Abstr.) **(Ger)**

[Neodymium:YAG laser in dermatologic therapy] Bahmer FA, et al. **Z Hautkr** 1984 Dec 15;59(24):1692-702 (Eng. Abstr.) **(Ger)**

[Treatment of naevus flammeus lateralis by infrared contact coagulation] Krumrey KW. **Z Hautkr** 1984 Aug 15; 59(16):1070-2 (Eng. Abstr.) **(Ger)**

[Temporary covering in the surgery of skin tumors] Petres J, et al. **Z Hautkr** 1985 Jan;60(1-2):185-96 (Eng. Abstr.) **(Ger)**

[Information before basaloma surgery--results of an inquiry] Schwanitz HJ, et al. **Z Hautkr** 1985 Mar 1;60(5):458-67 (Eng. Abstr.) **(Ger)**

[Use of the CO2 laser in the treatment of cutaneous malignant melanoma: lymphoadenectomy] Palmeri R, et al. **Chir Ital** 1983 Aug;35(4):535-9 (Eng. Abstr.) **(Ita)**

[Round table on: Melanoma: problems of therapy] **Minerva Chir** 1985 Jun 30;40(12):921-42 **(Ita)**

[Microvascularized scapular skin flap for covering a continuous lesion of the scalp] Gaspari AL, et al. **Minerva Chir** 1984 May 31;39(10):825-30 (Eng. Abstr.) **(Ita)**

[Planning the surgical therapy in loss of substance under changed conditions of tissue trophism] Adabbo W. **Minerva Med** 1984 Nov 17;75(44):2659-66 (Eng. Abstr.) **(Ita)**

[Treatment of recurrent basal-cell skin cancer with laser irradiation] Pletnev SD, et al. **Sov Med** 1985;(4):92-4 **(Rus)**

[Treatment of malignant tumors of the skin of the face and head by a cryogenic method] Dorofeeva VI. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):36-8 (Eng. Abstr.) **(Rus)**

[Use of laser radiation for treating diseases of the thoracic organs and skin and breast tumors] Skobelkin OK, et al. **Vestn Khir** 1984 Dec;133(12):100-4 (39 ref.) **(Rus)**

[Meaning of the concept 'local recurrence' following surgical treatment of malignant melanoma of the skin] Anisimov VV. **Vopr Onkol** 1985;31(1):32-8 (Eng. Abstr.) **(Rus)**

[Basalioma--treatment with curettage and diathermy] Arlés UB, et al. **Lakartidningen** 1985 May 1;82(18):1669-71 **(Swe)**

THERAPY

Occurrence of other malignancies in patients treated for basal cell carcinoma of the skin. A cohort study. Sandström A, et al. **Acta Radiol [Oncol]** 1984;23(4):227-30

Survival after malignant melanoma in a black child. A case report and review of the literature. Moritz MW, et al. **Am J Clin Oncol** 1984 Oct;7(5):545-9

Value of therapeutic hyperthermic limb perfusion in advanced recurrent melanoma of the lower extremity. Storm FK, et al. **Am J Surg** 1985 Jul;150(1):32-5

Current status and future prospects for adjuvant therapy of melanoma. Hersey P, et al. **Aust NZ J Surg** 1984 Aug; 54(4):303-15 (119 ref.)

Primary management of melanoma. Rampen FH, et al. **Br J Dermatol** 1984 Oct;111(4):431-6

Benign skin tumours [letter] Jones SK, et al. **Br Med J [Clin Res]** 1985 Jun 8;290(6483):1747

Adjuvant BCG immunotherapy for malignant melanoma. Paterson AH, et al. **Can Med Assoc J** 1984 Oct 1; 131(7):744-8

Serological response of melanoma patients to vaccines prepared from VSV lysates of autologous and allogeneic cultured melanoma cells. Livingston PO, et al. **Cancer** 1985 Feb 15;55(4):713-20

A randomized trial of adjuvant chemotherapy and immunotherapy in Stage I and Stage II cutaneous melanoma. An interim report. Sterchi JM, et al. **Cancer** 1985 Feb 15;55(4):707-12

Induction of in vitro and in vivo antigenic modulation by the anti-human T-cell monoclonal antibody T101. Shawler DL, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5921-7

Phase II trial of lymphoblastoid interferon in metastatic malignant melanoma. Goldberg RM, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):813-6

Tumour regression after extracorporeal affinity chromatography of blood plasma across agarose beads containing staphylococcal protein A. Håkansson L, et al. **Eur J Cancer Clin Oncol** 1984 Nov;20(11):1377-88

The treatment of malignant melanoma. Rosin RD. **Eur J Surg Oncol** 1985 Jun;11(2):111-5 (46 ref.)

Human malignant melanoma. MacKie RM, et al. **Int J Dermatol** 1984 Sep;23(7):433-43 (96 ref.)

High-dose chemotherapy with autologous marrow transplantation for malignant melanoma. Case reports and literature review. Kessinger A. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):337-43

Treatment of skin cancer [letter] Knox JM. **J Am Acad Dermatol** 1985 Mar;12(3):589

Monoclonal antibody therapy of malignant melanoma: in vivo localization in cutaneous metastasis after intravenous administration. Oldham RK, et al. **J Clin Oncol** 1984 Nov; 2(11):1235-44

Regression of established pulmonary metastases and subcutaneous tumor mediated by the systemic administration of high-dose recombinant interleukin 2. Rosenberg SA, et al. **J Exp Med** 1985 May 1;161(5):1169-88

Thermochemotherapy for malignant melanoma: overcoming heterogeneity in drug sensitivity. Yamada K, et al. **J Invest Dermatol** 1985 Jul;85(1):43-6

Microwave hyperthermia controlled by microwave radiometry: technical aspects and first clinical results. Chivé M, et al. **J Microwave Power** 1984 Dec;19(4):233-41

Adjuvant therapy of cutaneous malignant melanoma: a critical review. Koh HK, et al. **Med Pediatr Oncol** 1985; 13(5):244-60 (192 ref.)

Antitumoral activity of human fibroblast interferon administered intranodularly. Rosso R, et al. **Oncology** 1985; 42(2):86-8

Special symposia. The management of disseminated eruptive hemangiomata in infants. **Pediatr Dermatol** 1984 Apr; 1(4):312-7

An example of a pragmatic trial in the treatment of basocellular carcinoma of the skin. Sancho-Garnier H, et al. **Rev Epidemiol Sante Publique** 1984;32(3-4):249-53

Malignant melanoma and isolated limb perfusion. Giraud RM. **S Afr J Surg** 1984 Nov-Dec;22(4):243-8

Elective treatment of regional lymph nodes in malignant melanoma. Hietanen T, et al. **Strahlentherapie** 1985 Jan; 161(1):1-4

Serologic response to human melanoma lines from patients with melanoma undergoing treatment with vaccinia melanoma oncolysates. Wallack MK, et al. **Surgery** 1984 Oct;96(4):791-800

[Interventional radiology: intravascular therapy of malignant tumors in the soft tissues of extremities] Benda K, et al. **Cesk Radiol** 1985 Mar;39(2):93-104 (Eng. Abstr.) **(Cze)**

[Modern trends in the treatment of malignant melanoma] Hrivnáková J, et al. **Rozhl Chir** 1985 Feb;64(2):79-85 (Eng. Abstr.) **(Cze)**

[Treatment of basal cell carcinoma of the skin] Reymann F. **Ugeskr Laeger** 1984 Aug 20;146(34):2535-8 (Eng. Abstr.) **(Dan)**

[Treatment of Kaposi's sarcoma] Coulaud JP. **Bull Soc Pathol Exot Filiales** 1984;77(4 Pt 2):599-603 (Eng. Abstr.) **(Fre)**

[Pregnancy after malignant melanoma. A follow-up of 23 patients] Bork K, et al. **Dtsch Med Wochenschr** 1985 Aug 30;110(35):1323-7 (Eng. Abstr.) **(Ger)**

[Preliminary results of Re-PUVA therapy in cutaneous T-cell lymphomas] Thiele B, et al. **Z Hautkr** 1985 Jan; 60(1-2):116-9 (Eng. Abstr.) **(Ger)**

[Generalized verrucosis in familial T-helper cell deficiency. Treatment with interferon and Tigason] Thiele B, et al. **Z Hautkr** 1985 Jun 15;60(12):929-37 (Eng. Abstr.) **(Ger)**

[Primary histiocytic lymphoma of skin and subcutaneous tissues] Cohen Y, et al. **Harefuah** 1985 Feb 1;108(3):126-8 (Eng. Abstr.) **(Heb)**

[Results in the use of immunochemotherapy in patients with cutaneous malignant melanoma] Calbo L, et al. **Chir Ital** 1983 Aug;35(4):519-25 (Eng. Abstr.) **(Ita)**

[Phase II study of recombinant leukocyte A interferon (Ro 22-8181) in skin malignant tumors] **Gan To Kagaku Ryoho** 1985 Apr;12(4):936-42 (Eng. Abstr.) **(Jpn)**

[Diagnosis and treatment of malignant melanoma] Ishihara K, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1727-34 (Eng. Abstr.) **(Jpn)**

[Malignant lymphoma of the skin] Nakajima H, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1735-43 (Eng. Abstr.) **(Jpn)**

[Clinical trials of chemotherapy and chemoimmunotherapy of malignant melanoma with unfavorable prognosis after surgical treatment] Dobrek Z. **Wiad Lek** 1985 Feb 15; 38(4):265-70 (Eng. Abstr.) **(Pol)**

[Comparative evaluation of the efficacy of different methods of treating patients with malignant melanomas of the skin] Zhivetskiĭ AV, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):45-8 (Eng. Abstr.) **(Rus)**

[Use of a new Soviet human leukocyte interferon injectable II in treating basaliomas] Berenbein BA, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):31-3 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Congenital self-healing reticulohistiocytoma. A clinical, histological and ultrastructural study. Ornvold K, et al. **Acta Paediatr Scand** 1985 Jan;74(1):143-7

Primary neuroendocrine (Merkel cell?) carcinoma of the skin. I. A clinicopathologic and ultrastructural study of 43 cases. Sibley RK, et al. **Am J Surg Pathol** 1985 Feb;9(2):95-108

Neurofibromatous dermal hypoplasia: a clinical, pharmacological and ultrastructural study. Norris JF, et al. **Br J Dermatol** 1985 Apr;112(4):435-41

Segmental neurofibromatosis. Oranje AP, et al. **Br J Dermatol** 1985 Jan;112(1):107-12

Cutaneous postirradiation sarcoma. Ultrastructural evidence of pluripotential mesenchymal cell derivation. Seo IS, et al. **Cancer** 1985 Aug 15;56(4):761-7

The relevance of gap junctions to stage I tumor promotion in mouse epidermis. Kalimi GH, et al. **Carcinogenesis** 1984 Dec;5(12):1671-7

Ultrastructural and immunomorphologic study of perinuclear filaments in Merkel cell tumors. McMahon JT, et al. **Cleve Clin Q** 1985 Spring;52(1):103-10

Malignant hidroacanthoma simplex. A light microscopic, ultrastructural, and immunohistochemical study of 2 cases. Moreno A, et al. **Dermatologica** 1984;169(4):161-6

Histogenesis of post-mastectomy angiosarcoma--an ultrastructural study. McWilliam LJ, et al. **Histopathology** 1985 Mar;9(3):331-43

Kaposi's sarcoma: presence of herpes-type virus particles in a tumor specimen. Walter PR, et al. **Hum Pathol** 1984 Dec; 15(12):1145-6

Benign cephalic histiocytosis. A case report and ultrastructural study. Eisenberg EL, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):328-31

Electron microscopy of Merkel cell carcinoma from formalin-fixed tissue. Haneke E. **J Am Acad Dermatol** 1985 Mar;12(3):487-92

Dermal Merkel cells in the nevus of Ota and leopard syndrome. Ono T, et al. **J Am Acad Dermatol** 1984 Aug; 11(2 Pt 1):245-9

Abstracts of papers presented at the 11th annual meeting of the Society for Cutaneous Ultrastructure Research. Helsinki, Finland, 17th to 20th June 1984. **J Cutan Pathol** 1984 Jun;11(3):185-234

Appendage tumors of the skin: histogenesis and ultrastructure. Hashimoto K, et al. **J Cutan Pathol** 1984 Oct;11(5):365-81 (23 ref.)

Infundibular tumors of the skin. Mehregan AH. **J Cutan Pathol** 1984 Oct;11(5):387-95 (17 ref.)

Mixed tumor of the skin: a model of divergent differentiation. Mills SE. **J Cutan Pathol** 1984 Oct;11(5):382-6 (10 ref.)

Tissue cultures of benign and malignant fibrous histiocytomas: SEM observations. Oku T, et al. **J Cutan Pathol** 1984 Dec;11(6):534-40

Neuroendocrine differentiation in basal cell carcinomas: a retrospective immunohistochemical and ultrastructural study. Visser R, et al. **J Cutan Pathol** 1985 Apr;12(2):117-24

Gross pathology and scanning electron microscopy of pilomatricoma. Zina AM, et al. **J Cutan Pathol** 1985 Feb; 12(1):33-6

Electron microscope study on the hemangiomas in POEMS syndrome. Imayama S, et al. **J Dermatol (Tokyo)** 1984 Dec; 11(6):550-9

Primary cutaneous IgA plasmacytoma. Nakamura S, et al. **J Dermatol (Tokyo)** 1984 Oct;11(5):482-6

Woolly-hair nevus: a case report and study by scanning electron microscopy. Goldin HM, et al. **Pediatr Dermatol** 1984 Jul;2(1):41-4

Inclusion body myofibroblasts other than those seen in recurring digital fibroma of childhood. Navas-Palacios JJ, et al. **Ultrastruct Pathol** 1984;7(2-3):109-21

The intermediate filament cytoskeleton of cutaneous neuroendocrine carcinoma (Merkel cell tumour). Immunohistochemical and biochemical analyses. Höfler H, et al. **Virchows Arch** [A] 1985;406(3):339-50

[Malignant hemangioendothelioma of the head in the elderly. Ultrastructural and immunohistological study] Kanitakis J, et al. **Ann Dermatol Venereol** 1985;112(5):441-51 (Eng. Abstr.) **(Fre)**

[Malignant eccrine poromas. Ultrastructural study of 2 cases] Vilmer C, et al. **Ann Dermatol Venereol** 1985;112(1):67-71 **(Fre)**

[Epidermotropic eccrine carcinoma. Apropos of a case with ultrastructural examination] Baril A, et al. **Ann Pathol** 1984 Jun-Aug;4(3):203-9 (Eng. Abstr.) **(Fre)**

[Ultrastructural criteria in Kaposi's sarcoma] Klug H. **Dermatol Monatsschr** 1985;171(5):329-34 (Eng. Abstr.) **(Ger)**

[Becker nevus. A clinico-histologic-electron microscopy study of 39 patients] Panizzon R, et al. **Hautarzt** 1984 Nov;35(11):578-84 (Eng. Abstr.) **(Ger)**

[Ultrastructural study of granular cell tumor] Gasparini G, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec;119(6):421-6 (Eng. Abstr.) **(Ita)**

[A case of CTCL (TH/I) with tubulo-reticular structure in tumor cells and spontaneous regression] Maeda K, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Apr;95(5):561-9 **(Jpn)**

[Ultrastructural study of eruptive cellular nevi, with special reference to spherical melanosomes] Sakamoto F, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jul;94(8):927-35 **(Jpn)**

[Clinical, histopathological and ultrastructural characteristics of dysplastic melanocytic nevus in comparison to cutaneous malignant melanoma--II: Ultrastructural characteristics of melanocytes and melanosomes] Takahashi H, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Mar;95(4):455-66 **(Jpn)**

[Neuroendocrine (Merkel cell) skin cancer. Electron microscopic study] Raĭkhlin NT, et al. **Vopr Onkol** 1985;31(8):42-8 (Eng. Abstr.) **(Rus)**

URINE

Influence of interferon on C19-steroids in urine of malignant skin melanoma and malignant breast neoplasm patients. Marković L, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Aug;22(8):416-8

VETERINARY

A giant congenital pigmented nevus in a horse. Calderwood Mays MB, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:325-30

Ultrastructure of canine, feline, and bovine mast cell neoplasms. Madewell BR, et al. **Am J Vet Res** 1984 Oct;45(10):2066-73

Transmission of the white-tailed deer cutaneous fibroma. Sundberg JP, et al. **Am J Vet Res** 1985 May;46(5):1150-4

Detection of papillomaviruses in cutaneous fibromas of white-tailed and mule deer. Sundberg JP, et al. **Am J Vet Res** 1985 May;46(5):1145-9

A congenital vascular naevus in a foal. Jabara AG, et al. **Aust Vet J** 1984 Sep;61(9):286-8

Poxvirus in marsupial skin lesions. Rothwell TL, et al. **Aust Vet J** 1984 Dec;61(12):409-10

Effects of temperature on papilloma growth in the newt, Cynops pyrrhogaster. Asashima M, et al. **Cancer Res** 1985 Mar;45(3):1198-205

Cutaneous histiocytoma in a goat. Roth L, et al. **Cornell Vet** 1985 Apr;75(2):303-6

The genes that carcinogens act upon. Anders F, et al. **Hamatol Bluttransfus** 1985;29:228-52

Calcium chloride for treatment of subcutaneous lipomas in dogs. Albers GW, et al. **J Am Vet Med Assoc** 1985 Mar 1;186(5):492-4

Disseminated cutaneous hemangiosarcoma in a young dog. Arp LH, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):671-3

Nontraditional treatment of mycosis fungoides in a dog. Bender WM. **J Am Vet Med Assoc** 1984 Oct 15;185(8):900-1

Pelvic limb lameness due to malignant melanoma in a horse. Kirker-Head CA, et al. **J Am Vet Med Assoc** 1985 Jun 1;186(11):1215-7

Disseminated cutaneous squamous cell carcinoma in a ferret. Olsen GH, et al. **J Am Vet Med Assoc** 1985 Apr 1;186(7):702-3

Trichoepithelioma in a Barbary ape (Macaca sylvanus): review of cutaneous tumors in nonhuman primates and case report. Brack M, et al. **J Med Primatol** 1984;13(3):159-64

Papillomatous lesions in wild juvenile Atlantic salmon, Salmo salar L., in New Brunswick, Canada. Rand TG. **J Wildl Dis** 1985 Jul;21(3):324-6

Cutaneous fibromas of moose (Alces alces). Sundberg JP, et al. **J Wildl Dis** 1985 Apr;21(2):181-3

Papovavirus in epitheliomas appearing on lymphoma-bearing hamsters: lack of association with horizontally transmitted lymphomas of Syrian hamsters. Coggin JH Jr, et al. **JNCI** 1985 Jul;75(1):91-7

Papillomas on fish exposed to chlorinated wastewater effluent. Grizzle JM, et al. **JNCI** 1984 Nov;73(5):1133-42

Multiple cutaneous papillomas and carcinomas that develop spontaneously in a mouse mutant, the repeated epilation heterozygote Er/+. Lutzner MA, et al. **JNCI** 1985 Jul;75(1):161-6

Cryotherapy of cutaneous lymphosarcoma in a German shepherd. Giannone JA. **Mod Vet Pract** 1984 Sep;65(9):725-6

Canine mast cell tumors. Macy DW. **Vet Clin North Am [Small Anim Pract]** 1985 Jul;15(4):783-803 (86 ref.)

Skin tumors. Strafuss AC. **Vet Clin North Am [Small Anim Pract]** 1985 May;15(3):473-92

Tumors in dwarf galagos (Galagoides demidovii). Brack M. **Vet Pathol** 1985 Jul;22(4):344-6

Canine cutaneous mast cell tumor: morphologic grading and survival time in 83 dogs. Patnaik AK, et al. **Vet Pathol** 1984 Sep;21(5):469-74

Papillomas of the teats and udder of cattle and their causal viruses. Lindholm I, et al. **Vet Rec** 1984 Dec 1;115(22):574-7

SKIN PIGMENTATION

The significance of skin color of a newborn infant. Fuller RL, et al. **Am J Dis Child** 1985 Jul;139(7):672-3

Ecological factors in skin color variation among Papua New Guineans. Harvey RG. **Am J Phys Anthropol** 1985 Apr;66(4):407-16

Skin color comparisons among ethnic groups of college men. Spurgeon JH, et al. **Am J Phys Anthropol** 1984 Aug;64(4):413-8

The behaviour of presternal scars in a fair-skinned population. Elliot D, et al. **Ann R Coll Surg Engl** 1985 Jul;67(4):238-40

Vision and the skin camouflage reactions of Ambystoma larvae: the effects of eye transplants and brain lesions. Pietsch P, et al. **Brain Res** 1985 Aug 5;340(1):37-60

The involvement of melanotrophins in physiological colour change in the dogfish Scyliorhinus canicula. Sumpter JP, et al. **Gen Comp Endocrinol** 1984 Dec;56(3):360-7

Effect of skin pigmentation on the response to intradermal histamine. Van Niekerk CH, et al. **Int Arch Allergy Appl Immunol** 1985;76(1):73-5

Periodic synopsis on pigmentation. Nordlund JJ, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):359-63

Assortative mating for colour in Indian populations. Banerjee S. **J Biosoc Sci** 1985 Apr;17(2):205-9

Darkly pigmented lesions in dark-skinned patients. Kalter DC, et al. **J Dermatol Surg Oncol** 1984 Nov;10(11):876-81

The pigmentary system: new interpretations of old data. Nordlund JJ. **J Dermatol (Tokyo)** 1985 Apr;12(2):105-16 (72 ref.)

Pigmentary fluctuation and hormonal changes. Banerjee S. **J Genet Hum** 1984 Dec;32(5):345-9

Spectroscopic characteristics of human melanin in vivo. Kollias N, et al. **J Invest Dermatol** 1985 Jul;85(1):38-42

The relationship of skin color, UVB-induced erythema, and melanogenesis. Shono S, et al. **J Invest Dermatol** 1985 Apr;84(4):265-7

The effect of epidermal pigmentation on selective vascular effects of pulsed laser. Tan OT, et al. **Lasers Surg Med** 1984;4(4):365-74

Absence of hyperpigmentation causes delay in the diagnosis of Addison's disease. van 't Wout JW, et al. **Neth J Med** 1985;28(5):205-7

Asymmetrical tanning in hemiplegia. Cox NH. **Practitioner** 1984 Dec;228(1398):1106-7

[Vitamin D, the prehistoric bleacher, important from cradle to grave] Schulpen TW. **Ned Tijdschr Geneeskd** 1985 Jan 19;129(3):106-8 (Eng. Abstr.) **(Dut)**

DRUG EFFECTS

Dermatitis produced by applications of monobenzone in patients with active vitiligo. Nordlund JJ, et al. **Arch Dermatol** 1985 Sep;121(9):1141-4

Receptor mechanisms in fish chromatophores--VII. Muscarinic cholinoceptors and alpha adrenoceptors, both mediating pigment aggregation, strangely coexist in Corydoras melanophores. Kasukawa H, et al. **Comp Biochem Physiol [C]** 1985;80(2):211-5

Minocycline hyperpigmentation: skin, tooth, nail, and bone involvement. Wolfe ID, et al. **Cutis** 1984 May;33(5):457-8

Repigmentation of vitiligo macules treated topically with Efudix cream. Szekeres E, et al. **Dermatologica** 1985;171(1):55-9

Slate-gray pigmentation of sun-exposed skin induced by amiodarone [letter] Weiss SR, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):898-900

Calcium requirement for alpha-MSH action on melanophores: studies with forskolin. de Graan PN, et al. **J Recept Res** 1984;4(1-6):521-36

Alpha-MSH and coat color changes in the mouse. Thody AJ, et al. **Peptides (Fayetteville)** 1984 Nov-Dec;5(6):1031-6

Transplacental genetic and cytogenetic effects of alkylating agents in the mouse. I: Induction of somatic coat color mutations. Braun R, et al. **Teratogenesis Carcinog Mutagen** 1984;4(5):449-57

[The mechanism of depigmentation by hydroquinone: a study on suppression and recovery processes of tyrosinase activity in the pigment cells in vivo and in vitro] Hashimoto A, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jun;94(7):797-804 **(Jpn)**

RADIATION EFFECTS

Sunburn, suntan and the risk of cutaneous malignant melanoma--The Western Canada Melanoma Study. Elwood JM, et al. **Br J Cancer** 1985 Apr;51(4):543-9

SKIN SYPHILIS see **SYPHILIS, CUTANEOUS**

SKIN TEMPERATURE

Relationship between arterial and heated skin surface carbon dioxide tension in adults. Jacobsen E, et al. **Acta Anaesthesiol Scand** 1985 Feb;29(2):198-202

Acupuncture and tele-electronic infra-red thermography. Liao SJ, et al. **Acupunct Electrother Res** 1985;10(1-2):41-66

Toe temperature--a monitor of perfusion failure (shock). Puri VK, et al. **Acute Care** 1983-84;10(1):47-56

Correlation of noninvasive surface temperature measurement with rectal temperature in swine. Zinn KR, et al. **Am J Vet Res** 1985 Jun;46(6):1372-4

A non-invasive index of leg arterial perfusion pressure during walking, derived from cutaneous toe temperature. Baccelli G, et al. **Angiology** 1985 Aug;36(8):528-40

Suction blister device with regulation of temperature: demonstration of histamine release and temperature change in cold urticaria. Neittaanmäki H, et al. **Arch Dermatol Res** 1984;276(5):317-21

Wheelchair cushion effect on pressure and skin temperature. Seymour RJ, et al. **Arch Phys Med Rehabil** 1985 Feb;66(2):103-8

Effects of cold and mental stress on finger temperature in vasospastics and normal Ss. Hugdahl K, et al. **Behav Res Ther** 1984;22(5):471-6

Continuous versus interrupted schedules of thermal biofeedback: an exploratory analysis with clinical subjects. Andrasik F, et al. **Biofeedback Self Regul** 1984 Sep;9(3):291-8

Bringing the feet in from the cold: thermal biofeedback training of foot-warming in Raynaud's syndrome. Crockett D, et al. **Biofeedback Self Regul** 1984 Dec;9(4):431-8

Individual differences in the ability to discriminate the direction of spontaneous changes in peripheral finger temperature. Yates AJ. **Biofeedback Self Regul** 1984 Dec;9(4):439-50

Measurement of sebum excretion rate and skin temperature above and below the neurological lesion in paraplegic patients. Thomas SE, et al. **Br J Dermatol** 1985 May;112(5):569-73

Increases in platelet and red cell counts, blood viscosity, and arterial pressure during mild surface cooling: factors in mortality from coronary and cerebral thrombosis in winter. Keatinge WR, et al. **Br Med J [Clin Res]** 1984 Nov 24;289(6456):1405-8

Facial temperature in migraine, tension-vascular and tension headache. Drummond PD, et al. **Cephalalgia** 1984 Sep;4(3):149-58

Effects of facial cooling during exercise at high temperature. Kratzing CC, et al. **Eur J Applied Physiol** 1984;53(2):118-20

Measurement of mean skin temperature of clothed persons in cool environments. Nielsen R, et al. **Eur J Applied Physiol** 1984;53(3):231-6

Influence of skin temperature distribution on thermal sensation in a cool environment. Nielsen R, et al. **Eur J Applied Physiol** 1984;53(3):225-30

Applicable conditions for alleviation of subjective and cardiovascular loads in the local cold tolerance test. Sawada S, et al. **Ind Health** 1984;22(3):163-75

Role of suggestions in digital skin temperature: implications for temperature biofeedback research. Bregman NJ, et al. **Int J Neurosci** 1985 Jul;27(1-2):115-20

Differential effects of feedback sensitivity upon learned control of skin temperature. Faulstich ME, et al. **Int J Neurosci** 1984 Dec;25(1-2):19-23

Differential conduction of cold through barriers. LaVelle BE, et al. **J Adv Nurs** 1985 Jan;10(1):55-61

Histologic and temperature alterations induced by skin refrigerants. Dzubow LM. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):796-810

Gas flux through human skin: effect of temperature, stripping, and inspired tension. Baumgardner JE, et al. **J Appl Physiol** 1985 May;58(5):1536-45

Modification of the cutaneous vascular response to exercise by local skin temperature. Taylor WF, et al. **J Appl Physiol** 1984 Dec;57(6):1878-84

A behavioral analysis of diaphragmatic breathing and its effects on peripheral temperature. Bacon M, et al. **J Behav Ther Exp Psychiatry** 1985 Mar;16(1):15-21

Evaluation of survival in digital replantation with thermometric monitoring. Lu SY, et al. **J Hand Surg [Am]** 1984 Nov;9(6):805-9

The effect of skin temperature on vibratory sensitivity in polyneuropathy. Tegnér R. **J Neurol Neurosurg Psychiatry** 1985 Feb;48(2):176-8

Thermographic imaging of cutaneous sensory segment in patients with peripheral nerve injury. Skin-temperature stability between sides of the body. Uematsu S. **J Neurosurg** 1985 May;62(5):716-20

The effect of acupuncture using reinforcing and reducing methods on nail microcirculation and local skin temperature. Chen KY, et al. **J Tradit Chin Med** 1984 Dec; 4(4):279–81

Electrophysiological analysis of warming up phenomenon in myotonia. Mano Y, et al. **Jpn J Med** 1985 May; 24(2):131–4

Cutaneous postocclusive reactive hyperemia monitored by laser doppler flux metering and skin temperature. Ninet J, et al. **Microvasc Res** 1985 Jul;30(1):125–32

Sympathetic vasomotor changes induced by manual and electrical acupuncture of the Hoku point visualized by thermography. Ernst M, et al. **Pain** 1985 Jan;21(1):25–33

Comparison of feedback modalities in biofeedback temperature training. Lucas BA, et al. **Psychol Rep** 1985 Feb;56(1):47–51

Comparison of the effectiveness of biofeedback and relaxation training on hand warming. Kluger MA, et al. **Psychophysiology** 1985 Mar;22(2):162–6

Groin skin temperature: testing the validity of a relatively unobtrusive physiological measure of psychosexual arousal. Rubinsky HJ, et al. **Psychophysiology** 1985 Jul;22(4):488–92

Laser Doppler flux monitored cutaneous response to local cooling and heating. Ninet J, et al. **Vasa** 1985;14(1):38–43

[Postoperative measurements of the skin temperature in free skin flaps after microvascular anastomosis] Walsted A. **Ugeskr Laeger** 1985 Mar 11;147(11):947–9 (Eng. Abstr.) **(Dan)**

[The effect of skin temperature on the conductivity of the sural nerve] D'Haese M, et al. **Acta Belg Med Phys** 1985 Jan–Mar;8(1):47–9 **(Dut)**

[Thermal relations of the fresh plaster bandage] Schrader G, et al. **Beitr Orthop Traumatol** 1984 Nov;31(11):561–4 (Eng. Abstr.) **(Ger)**

[Skin temperature of newborn infants under thermoneutral conditions] Menzel K, et al. **Padiatr Grenzgeb** 1984; 23(6):343–57 (Eng. Abstr.) **(Ger)**

[A study on the skin temperature distribution of males and females under different thermal conditions] Nakahashi M. **Ann Physiol Anthropol** 1984 Jul;3(3):237–45 (Eng. Abstr.) **(Jpn)**

[Peripheral nerve conduction velocity––with special reference to the effects of temperature and age factors] Kihara Y, et al. **Rinsho Byori** 1985 Feb;Spec No 61:139–46 **(Jpn)**

[The effects of intention and mental imagery on the learning of peripheral skin temperature control] Ohkuma Y. **Shinrigaku Kenkyu** 1985 Feb;55(6):342–8 (Eng. Abstr.) **(Jpn)**

[Thermographic evaluation of the effectiveness of electric surface stimulation on skin microcirculation in various peripheral vascular diseases] Kruk M, et al. **Pol Tyg Lek** 1985 Apr 29;40(17):485–9 (Eng. Abstr.) **(Pol)**

[Seasonal asymmetry of the average skin temperature of the right and left hand] Nakulina VA. **Fiziol Cheloveka** 1985 Mar–Apr;11(2):334–6 **(Rus)**

[Analysis of the diagnostic value of electrothermometry in the evaluation of microcirculatory disorders among patients with atherosclerotic lesions of the arteries of the lower extremities] Atroshchenko ES, et al. **Klin Khir** 1984 Oct; (10):71–2 **(Rus)**

[Thermoregulation in adolescents with diffuse neurodermatitis and psoriasis and its changes during sulfide balneotherapy] Artem'ev VI. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep–Oct;(5):34–7 (Eng. Abstr.) **(Rus)**

[Quantitative thermography after manual therapy] Diurianova I. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan–Feb;(1):35–7 (Eng. Abstr.) **(Rus)**

[Mechanisms of temperature asymmetries of the skin of the head in focal lesions of the brain] Kolesov SN, et al. **Zh Vopr Neirokhir** 1985 Jan–Feb;(1):33–8 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Changes in skin blood flow and temperature during spinal analgesia evaluated by laser Doppler flowmetry and infrared thermography. Bengtsson M. **Acta Anaesthesiol Scand** 1984 Dec;28(6):625–30

Facial skin temperature in chlorpropamide alcohol flush. Jerntorp P. **Acta Med Scand** 1985;217(2):229–32

Effect of methyldopa on menopausal flushes, skin temperature, and luteinizing hormone secretion. Tulandi T, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):709–12

Effect of naloxone on menopausal flushes, skin temperature, and luteinizing hormone secretion. Tulandi T, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):277–80

A twin study of psychomotor and physiological responses to an acute dose of alcohol. Martin NG, et al. **Behav Genet** 1985 Jul;15(4):305–47

Skin temperature changes during CSII in patients with diabetic neuropathy [letter] van Ballegooie E, et al. **Diabetes Care** 1984 Nov–Dec;7(6):612–3

Thermoregulatory (core, surface and metabolic) responses of unrestrained rats to repeated POAH injections of beta-endorphin or adrenocorticotropin. Thornhill JA, et al. **Peptides (Fayetteville)** 1984 Jul–Aug;5(4):713–9

SKIN TESTS

Volumetric aerobiological survey of conidial fungi in the North–East Netherlands. II. Comparison of aerobiological data and skin tests with mould extracts in an asthmatic population. Beaumont F, et al. **Allergy** 1985 Apr; 40(3):181–6

Delayed hypersensitivity skin testing of 150 volunteers. Retesting results and antibody measurements. Neuvonen P, et al. **Allergy** 1985 Apr;40(3):208–12

Quantification of weal reactions with laser Doppler flowmetry. Comparative blood flow measurements of the oedematous centre and the perilesional flare of skin–prick histamine weals. Serup J, et al. **Allergy** 1985 May; 40(4):233–7

Cell–mediated immunity in schoolchildren assessed by multitest skin testing. Normal values and proposed scoring system for healthy children. Corriel RN, et al. **Am J Dis Child** 1985 Feb;139(2):141–6

Tuberculin test. Variability with the Mantoux procedure. Chaparas SD, et al. **Am Rev Respir Dis** 1985 Jul; 132(1):175–7

Tuberculin test. A re–emphasis on clinical judgement [editorial] Sbarbaro JA. **Am Rev Respir Dis** 1985 Jul; 132(1):177–8

Intradermal testing and anaphylactoid reactions. The limitations of their use in the investigation of reactions to intravenous anaesthetics. MacDonald AR, et al. **Anaesthesia** 1985 Jun;40(6):549–51

Immunologically mediated adverse reactions to foods: role of T cells and cutaneous reactions. Sampson HA. **Ann Allergy** 1984 Dec;53(6):472–5

Correlation of allergy test results obtained by IgE FAST, RAST, and prick–puncture methods. Seltzer JM, et al. **Ann Allergy** 1985 Jan;54(1):25–30

Suppressive effects of oral ketotifen on skin responses to histamine, codeine, and allergen skin tests. Wang SS, et al. **Ann Allergy** 1985 Jul;55(1):57–61

Skin testing in the preoperative diagnosis of anaesthetic allergy. Fisher MM. **Ann Fr Anesth Reanim** 1985;4(2):192–4

Skin testing in the investigation of reactions to intravenous anaesthetic drugs. A prospective trial of atracurium and tubocurarine. Wood M, et al. **Ann Fr Anesth Reanim** 1985; 4(2):176–9

Irritant and allergic responses as influenced by triamcinolone in patch test materials. Rietschel RL. **Arch Dermatol** 1985 Jan;121(1):68–9

Immediate skin reactivity and its relationship to age, sex, smoking, and occupational exposure. Chan–Yeung M, et al. **Arch Environ Health** 1985 Jan–Feb;40(1):53–7

Further comments on insect sting allergy [letter] Bookman R. **Arch Intern Med** 1985 Feb;145(2):368–9

Single cell DNA measurements in benign cutaneous lymphoid infiltrates and in positive patch tests. Ralfkiaer E, et al. **Br J Dermatol** 1985 Mar;112(3):253–62

Skin tests. Pepys J. **Br J Hosp Med** 1984 Sep;32(3):120, 122, 124

Host–defence mechanisms in surgical patients: a correlative study of the delayed hypersensitivity skin–test response, granulocyte function and sepsis. Christou NV. **Can J Surg** 1985 Jan;28(1):39–46, 49

Does a family history of allergy predict immediate skin test reactivity? Vedal S, et al. **Can Med Assoc J** 1985 Jan 1; 132(1):34–7

Multiple puncture skin test and mantoux test in Southeast Asian refugees. Catanzaro A. **Chest** 1985 Mar;87(3):346–50

Usefulness of skin test in Farmer's lung. Morell F, et al. **Chest** 1985 Feb;87(2):202–5

Collaborative clinical assay of the biological potency of allergen skin–test extracts. Carreira J, et al. **Clin Allergy** 1984 Nov;14(6):503–7

Skin–test reactivity to egg protein––exposure by inhalation compared with ingestion. Edwards JH, et al. **Clin Allergy** 1985 Mar;15(2):147–50

Positive patch test reactions to injectable corticosteroids. de Boer EM, et al. **Contact Dermatitis** 1984 Oct;11(4):261–2

Aluminium in Finn chambers reacts with cobalt and nickel salts in patch test materials. Fischer T, et al. **Contact Dermatitis** 1985 Apr;12(4):200–2

Recovery of nickel sulphate from a standard patch test. Fischer T, et al. **Contact Dermatitis** 1984 Aug;11(2):134

Patch test allergens in petrolatum: a reappraisal. Fischer T, et al. **Contact Dermatitis** 1984 Oct;11(4):224–8

Lymphocytes and Langerhans cells in patch tests. An immunohistochemical and electron microscopic study. Kanerva L, et al. **Contact Dermatitis** 1984 Sep;11(3):150–5

Human maximization testing of D&C Yellow no. 10 and Yellow no. 11. Kita S, et al. **Contact Dermatitis** 1984 Oct; 11(4):210–3

Age differences in poison ivy dermatitis. Lejman E, et al. **Contact Dermatitis** 1984 Sep;11(3):163–7

Patch testing in children. (I) Collective test results; skin testability in children. Pevny I, et al. **Contact Dermatitis** 1984 Oct;11(4):201–6

Patch testing in children (II). Results and case reports. Pevny I, et al. **Contact Dermatitis** 1984 Nov;11(5):302–10

Prediction of patch test results. Podmore P, et al. **Contact Dermatitis** 1984 Nov;11(5):283–4

Patch testing in Japanese subjects. Rapaport MJ. **Contact Dermatitis** 1984 Aug;11(2):93–7

Reading positive patch test reactions [letter] Serup J. **Contact Dermatitis** 1984 Sep;11(3):194–5

Shifts of delayed immune response to persulphates and other allergens. van Joost T, et al. **Contact Dermatitis** 1984 Sep; 11(3):159–62

Patch test irritancy quantified by laser Doppler flowmetry. Wahlberg JE, et al. **Contact Dermatitis** 1984 Oct; 11(4):257–8

The usefulness of skin–testing asthmatics: a clinical perspective. Boggs PB. **Cutis** 1984 Aug;34(2):132, 134, 136

The misuse of the patch test to determine 'hypersensitivity' to mercury amalgam dental fillings. Fisher AA. **Cutis** 1985 Feb;35(2):110, 112, 117

The value of a mixture of cassia and citronella oils for detection of hypersensitivity of essential oils. Rudzki E, et al. **Derm Beruf Umwelt** 1985;33(2):59–62

Bifonazole: patch–test trials on local tolerance. Gip L. **Dermatologica** 1984;169 Suppl 1:77–9

The mouse intradermal test, a well–established and reliable model in skin tolerance testing. Gloxhuber C, et al. **Food Chem Toxicol** 1985 Feb;23(2):195–7

Leishmanin skin testing in the diagnosis of American cutaneous leishmaniasis. Freeman K, et al. **Int J Dermatol** 1985 Jan–Feb;24(1):52–3

Use of the term 'false positive' in referring to results of food skin tests [letter] Bock SA. **J Allergy Clin Immunol** 1985 Apr;75(4):528–9

Skin testing in chymopapain anaphylaxis. Cogen FC, et al. **J Allergy Clin Immunol** 1985 Jun;75(6):728–30

Severity of asthma in skin test–negative and skin test–positive patients. Inouye T, et al. **J Allergy Clin Immunol** 1985 Feb; 75(2):313–9

Skin test reactivity in infancy. Ménardo JL, et al. **J Allergy Clin Immunol** 1985 Jun;75(6):646–51

Atopy in infancy and early childhood: natural history and role of skin testing. Zeiger RS. **J Allergy Clin Immunol** 1985 Jun;75(6):633–9 (63 ref.)

A reliable rat model of the delayed hypersensitivity skin test response. Christou NV, et al. **J Surg Res** 1984 Oct; 37(4):264–8

Dinitrochlorobenzene skin testing predicts response to hepatitis B vaccine in dialysis patients. Bramwell SP, et al. **Lancet** 1985 Jun 22;1(8443):1412–5

Skin reactivity in atopic patients with dermatophytosis. Kaaman T. **Mykosen** 1985 Apr;28(4):183, 186–90

DNCB and PPD skin tests and prognosis in 152 patients with breast cancer. A prospective 2–year follow–up. Munzarová M, et al. **Neoplasma** 1985;32(1):45–50

Serologic and intradermal tests for parasitic infections. Bruckner DA. **Pediatr Clin North Am** 1985 Aug; 32(4):1063–75

Incorrect declaration of potential photosensitizing compounds. Bruze M. **Photodermatol** 1984 Aug; 1(4):199–200

Testing with musk ambrette and congeners in a case of photosensitivity dermatitis and actinic reticuloid syndrome (PD/AR). Schmidt RJ, et al. **Photodermatol** 1984 Aug; 1(4):195–8

Clinical judgment versus delayed hypersensitivity skin testing for the prediction of postoperative sepsis and mortality. Ottow RT, et al. **Surg Gynecol Obstet** 1984 Nov; 159(5):475–7

[Relation between the delayed cutaneous hypersensitivity response and the surgical operation] Mei H. **Chung Hua Wai Ko Tsa Chih** 1984 Aug;22(8):479–81, 510 (Eng. Abstr.) **(Chi)**

[Local irritation properties of 14 skin–care products. Comparison using the chamber scarification test on volunteers] Andersen KE, et al. **Ugeskr Laeger** 1985 Apr 22;147(17):1399–402 (Eng. Abstr.) **(Dan)**

[Anaphylaxis to muscle relaxants. Predictive value of intradermal tests and study of crossed anaphylaxis] Moneret–Vautrin DA, et al. **Ann Fr Anesth Reanim** 1985; 4(2):186–91 (Eng. Abstr.) **(Fre)**

[Reproducibility of skin tests to muscle relaxants] Vervloet D, et al. **Ann Fr Anesth Reanim** 1985;4(2):184–5 **(Fre)**

[What is the use of skin tests in uveitis? Retrospective study] Bloch–Michel E, et al. **Bull Soc Ophtalmol Fr** 1984 May; 84(5):531–4 **(Fre)**

[Sensitization by repeated skin tests with candidin and PHA] Leynadier F, et al. **Pathol Biol (Paris)** 1984 Nov;32(9):954–8 (Eng. Abstr.) **(Fre)**

[Cell–mediated immunity in the preoperative evaluation of hip prosthesis surgery] Dubois G. **Rev Chir Orthop** 1984; 70(5):371–6 (Eng. Abstr.) **(Fre)**

[Atopy screening: prick multitest, total IgE or RAST? On the value of allergologic testing of the staff of an industrial bakery] Hartmann AL, et al. **Schweiz Med Wochenschr** 1985 Apr 6;115(14):466–75 (Eng. Abstr.) **(Ger)**

[Biocompatibility of implants with and without fluorohydrocarbon glow–discharge polymer coating. 2. Automated equidensitometric recording of tissue reactions] Knöfler W, et al. **Z Exp Chir Transplant Kunstliche Organe** 1984;17(6):325–9 (Eng. Abstr.) **(Ger)**

[Biocompatibility of implants with and without fluorohydrocarbon glow–discharge polymer coating. 1. Histologic and semiquantitative estimation of subcutaneous reactions in guinea pigs] Knöfler W, et al. **Z Exp Chir Transplant Kunstliche Organe** 1984;17(6):316–24 (Eng. Abstr.) **(Ger)**

[Anti–inflammatory effect and tachyphylaxis of systemic and combined systemic–topical treatment with corticosteroids in the pyrexal erythema test] Stengel R, et al. **Z Hautkr** 1984 Dec 1;59(23):1620–2 (Eng. Abstr.) **(Ger)**

[Pollen calendar, skin tests and blood levels of total IgE in the city of Leghorn in 1983] Goracci E, et al.

Quad Sclavo Diagn 1984 Sep;20(3):325–33 (Eng. Abstr.) **(Ita)**

[Early clinical symptoms and signs of paragonimiasis westermani, time course when intradermal test with Paragonimus westermani antigen turns positive and effects of praziquantel on paragonimiasis] Kanzaki T, et al.
Nippon Kyobu Shikkan Gakkai Zasshi 1985 Mar; 23(3):368–73 (Eng. Abstr.) **(Jpn)**

[Immunological monitoring of brain tumors—prognosis based on T-lymphocyte subpopulations and skin testing for delayed hypersensitivity] Yokoyama H, et al.
No To Shinkei 1985 Feb;37(2):193–9 (Eng. Abstr.) **(Jpn)**

[Difficulties in the diagnosis of exclusively cutaneous sarcoidosis] Proenca NG, et al. **AMB** 1984 May–Jun; 30(5–6):101–4 (Eng. Abstr.) **(Por)**

[Anamnestic immune response in patients with breast cancer] Eljuga D, et al. **Lijec Vjesn** 1985 May;107(5):181–3 (Eng. Abstr.) **(Scr)**

INSTRUMENTATION

Cell-mediated immunity assessed by Multitest CMI skin testing in infants and preschool children. Kniker WT, et al. **Am J Dis Child** 1985 Aug;139(8):840–5

Evaluation of a device for delayed cutaneous hypersensitivity testing. Delafuente JC, et al. **Clin Pharm** 1984 Sep-Oct; 3(5):518–20

The Finn chamber methylene blue ring. Fischer T, et al. **Contact Dermatitis** 1985 Jan;12(1):12–4

An evaluation of the compatibility between aluminium Finn Chambers and various mercurials dissolved in water or dispersed in petrolatum. Lachapelle JM, et al.
Derm Beruf Umwelt 1985;33(1):12–4

Allergy testing of multiple patients with a common syringe [letter] Koepke JW, et al. **N Engl J Med** 1984 Nov 1; 311(18):1188–9

METHODS

Local sweat stimulation with the skin prick technique. Kiistala R, et al. **Acta Derm Venereol (Stockh)** 1984; 64(5):384–8

Skin prick testing and the use of histamine references. Malling HJ. **Allergy** 1984 Nov;39(8):596–601

Reproducibility of histamine skin prick test. Inter- and intravariation using histamine dihydrochloride 1, 5, and 10 mg/ml. Taudorf E, et al. **Allergy** 1985 Jul;40(5):344–9

Cell mediated immunity in school children assessed by Multitest CMI skin testing II. Epidemiologic factors affecting immune responsiveness. Lesourd BM, et al.
Ann Allergy 1985 May;54(5):446–52

Importance of appropriate wavelength, dosage, and test site in the experimental reproduction of polymorphous light eruption [letter] Marsh TW, et al. **Arch Dermatol** 1985 May; 121(5):587

The thin layer rapid use epicutaneous test (TRUE-test), a new patch test method with high accuracy. Fischer TI, et al. **Br J Dermatol** 1985 Jan;112(1):63–8

Reproducibility of skin tests. A comparative study of the Pepys prick test and the Morrow-Brown needle and their correlation with the serum IgE level. Perrin LF, et al.
Clin Allergy 1984 Nov;14(6):581–8

Problems in allergen standardization. Platts-Mills TA, et al. **Clin Rev Allergy** 1985 Jul;3(3):271–90 (42 ref.)

Influence of the vehicle on elicitation of contact allergic reactions to acrylic compounds in the guinea pig. Björkner B, et al. **Contact Dermatitis** 1984 Nov;11(5):268–78

Finn chamber patch test technique. Fischer T, et al.
Contact Dermatitis 1984 Sep;11(3):137–40

Amount of nickel applied with a standard patch test. Fischer T, et al. **Contact Dermatitis** 1984 Nov;11(5):285–7

History of epicutaneous testing: the blotting-paper and other methods. Foussereau J. **Contact Dermatitis** 1984 Oct; 11(4):219–23

Patch testing with colophony. Fregert S, et al.
Contact Dermatitis 1984 Sep;11(3):141–3

Comparison of methods for the macroscopic assessment of epicutaneous allergic contact reactions in guinea pigs. Przybilla B, et al. **Contact Dermatitis** 1984 Oct;11(4):229–35

Dimethyl sulfoxide as a vehicle for food allergy patch tests. Fisher AA. **Cutis** 1985 Aug;36(2):109–10

Evaluation of a skin test for chicken pox. Florman AL, et al. **Infect Control** 1985 Aug;6(8):314–6

Contamination of intradermal skin test syringes. Shulan DJ, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):226–7

The delayed intradermal reaction and the ELISA in the diagnosis of schistosomiasis in children. el-Gassim EE, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):301–9

Evaluation of skin test using schistosomula antigen for the diagnosis of bilharziasis. Khalil HM, et al.
J Egypt Soc Parasitol 1984 Dec;14(2):335–42

Diagnosis of experimental toxocariasis canis by intradermal and gel-diffusion tests. el-Kholy EI, et al.
J Egypt Soc Parasitol 1984 Dec;14(2):361–5

Detection of toxoplasmic immunity by multipuncture skin test with excretory-secretory antigen. Rougier D, et al. **Lancet** 1985 Jul 20;2(8447):121–3

[Some observations on the clonorchiasis intradermal test] Cao WJ, et al.
Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih 1985;3(1):9–11 (Eng. Abstr.) **(Chi)**

[Epicutaneous tests] Hannuksela M. **Duodecim** 1985; 101(11):1074–81 **(Fin)**

[Protocol for demonstrating the histamine reaction to Staphylococcus aureus in autoimmune diseases of the cornea] Roudier R, et al. **Bull Soc Ophtalmol Fr** 1983 Nov; 83(11):1335–6 **(Fre)**

[Use of a phenol-soluble Brucella antigen in man as a test to detect specific skin sensitivity] Bertrand A, et al.
Dev Biol Stand 1984;56:547–51 **(Fre)**

[Predictive experimental animal test of contact allergenicity. Relevance of the methods of the OECD and EEC guidelines. The organization for Economic Co-operation and Development] Maurer T, et al.
Derm Beruf Umwelt 1985;33(1):6–11 (Eng. Abstr.) **(Ger)**

[An improved intradermal test method for drug allergies. Test results with an in vitro mixture of serum and drug] Baczako M, et al. **Fortschr Med** 1984 Nov 29; 102(44):1131–4 (Eng. Abstr.) **(Ger)**

[Light test on human skin] Tronnier H. **Z Hautkr** 1985 Apr 15;60(8):611–2, 615–8, 621–2 passim (Eng. Abstr.) **(Ger)**

[Verification of the validity of the Giacovazzo skin test with histamine at neutral pH] Giacovazzo M, et al.
Boll Soc Ital Biol Sper 1984 Jul 31;60(7):1409–13 (Eng. Abstr.) **(Ita)**

[Clinical value of skin tests using bacterial extracts] Romański B, et al. **Pol Tyg Lek** 1985 Mar 25–31;40(12–13):364–8 (Eng. Abstr.) **(Pol)**

STANDARDS

A standardized skin-test assay of allergen potency and stability [letter] Grater WC, et al. **Ann Allergy** 1985 Jan; 54(1):72

Delayed hypersensitivity responses of cancer patients to recall antigens using a new 'Multitest' applicator. Reuben JM, et al. **Ann Allergy** 1984 Nov;53(5):390–4

[Standardization on a laboratory animal of an intradermal test intended to detect human delayed brucellar hypersensitivity] Roumiantzeff M, et al. **Dev Biol Stand** 1984;56:393–9 **(Fre)**

VETERINARY

[Clinical applications of a delayed hypersensitivity skin test for detecting brucellosis in sheep and goats using a commercial allergen] Loquerie R, et al. **Dev Biol Stand** 1984;56:407–10 **(Fre)**

SKIN TUBERCULOSIS see **TUBERCULOSIS, CUTANEOUS**

SKIN ULCER

CHEMICALLY INDUCED

Extravasation of chemotherapeutic agents. Hankin FM, et al. **Am Fam Physician** 1985 Mar;31(3):147–50

Amelioration of doxorubicin-induced skin necrosis in mice by butylated hydroxytoluene. Daugherty JP, et al.
Cancer Chemother Pharmacol 1985;14(3):243–6

Extensive tissue ulceration due to apparent sensitivity reactions to mitomycin. Bartkowski-Dodds L, et al.
Cancer Treat Rep 1985 Jul–Aug;69(7–8):925–7

Cold protection and heat enhancement of doxorubicin skin toxicity in the mouse. Dorr RT, et al.
Cancer Treat Rep 1985 Apr;69(4):431–7

Two patterns of skin ulceration induced by methotrexate in patients with psoriasis. Lawrence CM, et al.
J Am Acad Dermatol 1984 Dec;11(6):1059–65

Mitomycin C extravasation ulcers. Khanna AK, et al.
J Surg Oncol 1985 Feb;28(2):108–10

Adriamycin and soft tissue injury [letter] Broadbent NR, et al. **NZ Med J** 1985 Feb 13;98(772):71

COMPLICATIONS

Acne fulminans associated with inflammatory bowel disease. Report of a case. McAuley D, et al. **Arch Dermatol** 1985 Jan;121(1):91–3

Digital ulcerations in systemic sclerosis [letter] O'Hanlon DP. **Arthritis Rheum** 1984 Nov;27(11):1314

A case of squamous cell carcinoma in plantar ulcer in leprosy. Bobhate SK, et al. **Ind J Lepr** 1984 Jul–Sep;56(3):653–5

Squamous cell carcinoma developing in trophic ulcers in leprosy—a case report. Kumar K, et al. **Ind J Lepr** 1984 Jul–Sep;56(3):656–7

Effect of soft-tissue pathology on detection of pedal osteomyelitis in diabetics. Seldin DW, et al.
J Nucl Med 1985 Sep;26(9):988–93

Carcinoma in plantar ulcers in leprosy. Fleury RN, et al. **Lepr Rev** 1984 Dec;55(4):369–78

Severe steroid responsive pneumonitis associated with pyoderma gangrenosum and ulcerative colitis. McCulloch AJ, et al. **Thorax** 1985 Apr;40(4):314–5

[Development of a squamous cell carcinoma in generalized morphea] Laux B, et al. **Z Hautkr** 1985 May 15; 60(10):767–8, 771–3 (Eng. Abstr.) **(Ger)**

DIAGNOSIS

Leukemia cutis presenting as a chronic herpes zoster ulceration. Mikesell JF, et al. **Cleve Clin Q** 1984 Winter; 51(4):667–9

[Ulcerative dermatitis (pyoderma gangrenosum) with selective IgA deficiency and development of an oral carcinoma] Kuhn A. **Z Hautkr** 1985 Jan;60(1–2):79–82 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

Double-blind, multicenter controlled trial comparing topical dimethyl sulfoxide and normal saline for treatment of hand ulcers in patients with systemic sclerosis. Williams HJ, et al. **Arthritis Rheum** 1985 Mar;28(3):308–14

Bisantrene solubility and skin toxicity studies: efficacy of sodium bicarbonate as a local ulceration antidote. Dorr RT, et al. **Invest New Drugs** 1984;2(4):351–7

The use of collagenase-clostridiopeptidase combined with chloramphenicol in orthopaedics and traumatology. Mariotti U, et al. **Ital J Orthop Traumatol** 1984 Sep; 10(3):405–10

Treatment of diabetic perforating ulcers (mal perforant) with local dimethylsulfoxide. Lishner M, et al.
J Am Geriatr Soc 1985 Jan;33(1):41–3

[Treatment of eschars with commercial granulated sugar (letter)] Viau F, et al. **Presse Med** 1985 Apr 6;14(14):792 **(Fre)**

[Use of collagenases and non-specific proteases in the treatment of necrotic ulcerative dermatitis] Graifemberghi S, et al. **Clin Ter** 1984 Aug 31;110(4):359–62 (Eng. Abstr.) **(Ita)**

[Endolymphatic therapy in suppurative-inflammatory diseases of the extremities and pelvis] Lokhvitskiĭ SV, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):129–32 **(Rus)**

[Treatment of trophic ulcers with algipor] Sogomonian LM, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):71–4 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Clinical and biochemical characteristics of prolidase deficiency in siblings. Freij BJ, et al. **Am J Med Genet** 1984 Nov;19(3):561–71

ETIOLOGY

Pressure ulcer of the breast after subcutaneous mastectomy and reconstruction with prosthesis. Mendez-Fernandez MA. **Ann Plast Surg** 1985 Feb;14(2):164–5

Pyoderma gangrenosum and leucocytoclastic vasculitis. Wong E, et al. **Clin Exp Dermatol** 1985 Jan;10(1):68–72

Plantar ulcers in hereditary sensory neuropathy. A plea for conservative treatment. Berginer V, et al.
Int J Dermatol 1984 Dec;23(10):664–8

Neuropathic ulcers of the foot. Lang-Stevenson AI, et al. **J Bone Joint Surg [Br]** 1985 May;67(3):438–42

Elephantine sarcoidosis presenting as ulcerating lymphoedema. Mühlemann MF, et al. **J R Soc Med** 1985 Mar;78(3):260–1

On vascular non-disease of the foot in diabetes [letter] Krahenbuhl B, et al. **N Engl J Med** 1985 May 2; 312(18):1190–1

Trigeminal trophic syndrome. Harper N. **Postgrad Med J** 1985 May;61(715):449–51

Pyoderma gangrenosum in myelodysplasia and acute leukaemia. Jacobs P, et al. **Postgrad Med J** 1985 Aug; 61(718):689–94

Malum perforans pedis caused by spinal canal stenosis and spondylolisthesis. Nishio K, et al.
Sangyo Ika Daigaku Zasshi 1984 Jun 1;6(2):171–6

[Diagnosis and therapy of Marjolin's ulcer after burns] Poláček V, et al. **Rozhl Chir** 1985 Feb;64(2):156–60 (Eng. Abstr.) **(Cze)**

[Carpal tunnel syndrome with digital ulcerations in a patient with renal insufficiency on periodic hemodialysis] Adoue D, et al. **Ann Dermatol Venereol** 1984;111(11):1019–21 **(Fre)**

[Developmental ulcerated form of chronic graft versus host disease] Lemarchand-Venencie F, et al.
Ann Dermatol Venereol 1984;111(8):721–2 **(Fre)**

[Trigeminal neurotrophic ulceration after thermocoagulation of Gasser's ganglion: apropos of a case with involvement of 3 areas of the trigeminal nerve] Roger H, et al.
Ann Dermatol Venereol 1985;112(4):359–62 **(Fre)**

[Post-traumatic ulcers in the elderly subject] Coget JM, et al. **Phlebologie** 1984 Jul–Sep;37(3):337–9 (Eng. Abstr.) **(Fre)**

[Systemic diseases and ulceronecrotic angiodermatitis] Guillevin L. **Phlebologie** 1984 Jul–Sep;37(3):341–5 (Eng. Abstr.) **(Fre)**

[Skin reaction to BCG vaccination] Gilhar A, et al.
Harefuah 1984 Nov 1;107(9):230–1 (Eng. Abstr.) **(Heb)**

[Neurotrophic ulceration of the ala nasi secondary to Wallemberg's syndrome] Levi L, et al.
G Ital Dermatol Venereol 1985 May–Jun;120(3):187–8 (Eng. Abstr.) **(Ita)**

[A case of systemic sclerosis in childhood complicated by severe digital ulcers] Falcini F, et al. **Pediatr Med Chir** 1984 Sep–Oct;6(5):703–7 (Eng. Abstr.) **(Ita)**

FAMILIAL & GENETIC

[Contribution to our knowledge of Thévenard's ulcero-mutilating acropathy] Simonetti C, et al.
Riv Neurol 1984 Sep–Oct;54(5):315–34 (Eng. Abstr.) **(Ita)**

MICROBIOLOGY

The microbial aetiology of genital ulcers in black men in Durban, South Africa. Coovadia YM, et al.
Genitourin Med 1985 Aug;61(4):266–9

The bacteriology of skin sores in Goroka children. Bowness

P, et al. **Papua New Guinea Med J** 1984 Jun;27(2):83-7

PARASITOLOGY

In vitro and in vivo isolation of Leishmania tropica from Saudi Arabia. Mahmoud AA, et al. **Z Parasitenkd** 1985; 71(2):271-2

PATHOLOGY

Atypical fibroblasts as a clue to radiation injury. Jacoby RA, et al. **Am J Dermatopathol** 1985 Feb;7(1):53-6

Ulcerating tumor involving the auricular area. Peterman AR. **Arch Dermatol** 1985 Jul;121(7):929, 932

Cytophagic histiocytic panniculitis. Systemic histiocytosis presenting as chronic, nonhealing, ulcerative skin lesions. Willis SM, et al. **Arch Dermatol** 1985 Jul;121(7):910-3

Factitial cutaneous ulcers and nodules: the use of electron-probe microanalysis in diagnosis. Jackson RM, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1065-9

Spontaneous healing of Leishmania braziliensis braziliensis skin ulcers [letter] Marsden PD, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):561-2

[Skin lesion in trichomoniasis] Kashchenko VB. **Vestn Dermatol Venerol** 1985 Jan;(1):68-9 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Skin perfusion pressure in the prediction of healing in diabetic patients with ulcers or gangrene of the foot. Faris I, et al. **J Vasc Surg** 1985 Jul;2(4):536-40

PREVENTION & CONTROL

Plantar pressure measurements and the prevention of ulceration in the diabetic foot. Duckworth T, et al. **J Bone Joint Surg [Br]** 1985 Jan;67(1):79-85

Protective effect of butylated hydroxytoluene on adriamycin-induced skin necrosis in the rat. Daugherty JP, et al. **Res Commun Chem Pathol Pharmacol** 1984 Aug; 45(2):289-92

RADIONUCLIDE IMAGING

Assessment of skin ulcer healing capability by technetium-99m phosphate angiogram and blood-pool images. Alazraki N, et al. **J Nucl Med** 1985 Jun; 26(6):586-91

RADIOTHERAPY

[Treatment of late radiation-induced skin ulcers with laser radiation] Kim IuA, et al. **Med Radiol (Mosk)** 1985 May; 30(5):71-3 (Eng. Abstr.) **(Rus)**

[The helium-neon laser in the treatment of suppurative wounds] Gostishchev VK, et al. **Vestn Khir** 1985 Mar; 134(3):57-60 (Eng. Abstr.) **(Rus)**

[Treatment of erosive-ulcerative processes in the skin with a low-intensity helium-neon laser] Koliadenko VG, et al. **Vrach Delo** 1984 Oct;(10):98-100 **(Rus)**

SURGERY

Sural nerve neurocutaneous cross-foot flap. Angelats J, et al. **Ann Plast Surg** 1984 Sep;13(3):239-42

Instep island flaps. Reading G. **Ann Plast Surg** 1984 Dec; 13(6):488-94

Treatment of a large, ulcerating, granular-cell tumor by microscopically controlled excision. Dzubow LM, et al. **J Dermatol Surg Oncol** 1985 Apr;11(4):392-5

Reconstruction of the heel with chronic ulceration with flexor digitorum brevis myocutaneous flap. Shah A, et al. **Lepr Rev** 1985 Mar;56(1):41-8

[Surgical therapy of late x-ray-induced skin lesions] Salfeld K, et al. **Z Hautkr** 1985 Mar 1;60(5):438-52 (Eng. Abstr.) **(Ger)**

[Late radiation injuries of the skin of the head and their treatment] Bardychev MS, et al. **Med Radiol (Mosk)** 1985 Jun;30(6):7-11 (Eng. Abstr.) **(Rus)**

[Surgical treatment of bedsores, trophic ulcers and osteomyelitis in patients with injuries of the spine and spinal cord] Virozub ID, et al. **Zh Vopr Neirokhir** 1984 Jul-Aug; (4):28-32 (Eng. Abstr.) **(Rus)**

THERAPY

Wound care forum. An unusual alternative. Bonier P. **Am J Nurs** 1985 Apr;85(4):418-9

Total contact casting in diabetic patients with neuropathic foot ulcerations. Helm PA, et al. **Arch Phys Med Rehabil** 1984 Nov;65(11):691-3

Clinical evaluation of a new occlusive hydrocolloid dressing. Mulder GD, et al. **Cutis** 1985 Apr;35(4):396-7, 400

Conservative management of paraileostomy ulcers in patients with Crohn's disease. Last M, et al. **Dis Colon Rectum** 1984 Dec;27(12):779-86

Local treatment for neuropathic foot ulceration and osteoarthropathy. Brindley GW, et al. **Foot Ankle** 1985 Mar-Apr;5(5):245-50

Diabetic foot ulcers: protective primary care [editorial] Davidson MB. **Geriatrics** 1985 Jun;40(6):15, 18

Neuropathic plantar ulceration. Kumar K, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):172-7

Use of the vapor permeable membrane for cutaneous ulcers: details of application and side effects. Alper JC, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):858-66

Chronic cutaneous ulcerations and impaired healing in human skin. Krull EA. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 2):394-401

The total contact cast. A therapy for plantar ulceration on insensitive feet. Coleman WC, et al. **J Am Podiatry Assoc** 1984 Nov;74(11):548-52 (11 ref.)

Tolerance to donor-type skin in the recipient of a bone marrow allograft. Treatment of skin ulcers in chronic graft-versus-host disease with skin grafts from the bone marrow donor. Knobler HY, et al. **Transplantation** 1985 Aug;40(2):223-5

[Evaluation of absorbent dressings as antimicrobial vehicles] Mariani U, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jul-Aug;39(4):163-7 (Eng. Abstr.) **(Por)**

VETERINARY

Alimentary lymphosarcoma in a horse with cutaneous manifestations. Wilson RG, et al. **Equine Vet J** 1985 Mar; 17(2):148-50

Cutaneous and respiratory tract infection with Mycobacterium ulcerans in two koalas (Phascolarctos cinereus). McOrist S, et al. **J Wildl Dis** 1985 Apr; 21(2):171-3

Skin ulcers caused by Mycobacterium ulcerans in koalas near Bairnsdale, Australia. Mitchell PJ, et al. **Pathology** 1984 Jul;16(3):256-60

Pathology of an ulcerative dermatitis in Belgian Landrace sows. Coignoul FL, et al. **Vet Pathol** 1985 Jul;22(4):306-10

[Enzootic nodular ulcerative thelitis with Mycobacterium infection in cows] Rüsch P, et al. **Schweiz Arch Tierheilkd** 1984 Sep;126(9):467-78 (Eng. Abstr.) **(Ger)**

SKIN WINDOW TECHNIC

In vivo experimentation on rat incisor enamel organs through a surgical window. McKee MD, et al. **Anat Rec** 1984 Dec; 210(4):693-705

Skin window examination according to Rebuck and cutaneous pathergy tests in patients with Behcet's disease. Djawari D, et al. **Dermatologica** 1985;170(6):265-70

Leukotriene- and histamine-induced increases in vascular permeability and interstitial transport in the skin. Bisgaard H, et al. **J Invest Dermatol** 1985 May;84(5):427-9

[Transparent chamber for vital microscopy] Stebel'skiĭ SE, et al. **Arkh Anat Gistol Embriol** 1984 Jul;87(7):88-90 **(Rus)**

[Behavior of leukocyte chemotaxis in various clinico-immunological situations] Suárez Saro JM, et al. **Allergol Immunopathol (Madr)** 1985 May-Jun;13(3):187-92 (Eng. Abstr.) **(Spa)**

SKINFOLD THICKNESS

Quantitation of contact allergy in guinea pigs by measuring changes in skin blood flow and skin fold thickness. Andersen KE, et al. **Acta Derm Venereol (Stockh)** 1985; 65(1):37-42

Comparison of ultrasound and caliper measurements of normal and inflamed skin thickness. Lawrence CM, et al. **Br J Dermatol** 1985 Feb;112(2):195-200

Long-term effects of the menopause and sex hormones on skin thickness. Brincat M, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):256-9

The accuracy of the Ross Laboratories Adipometer skinfold caliper [letter] Ryan AS. **Clin Pediatr (Phila)** 1985 Mar; 24(3):174-5

Anthropometric assessment of nutritional status in newborn infants. Discriminative value of mid arm circumference and of skinfold thickness. Excler JL, et al. **Early Hum Dev** 1985 Jul;11(2):169-78

Reference curves for biceps, triceps, subscapular and suprailiac skinfolds in Dutch children from 7-14 years. Wit JM, et al. **Growth** 1984 Autumn;48(3):370-84

Influence of maturation on relationship of skinfolds to body density: a cross-sectional study. Slaughter MH, et al. **Hum Biol** 1984 Dec;56(4):681-9

A method to construct age references for skewed skinfold data, using Box-Cox transformations to normality. van 't Hof MA, et al. **Hum Biol** 1985 Feb;57(1):131-9

Skinfold thickness in North American infants 24-41 weeks gestation. Vaucher YE, et al. **Hum Biol** 1984 Dec; 56(4):713-31

Principal components as indicators of body fatness and subcutaneous fat patterning. Norgan NG, et al. **Hum Nutr Clin Nutr** 1985 Jan;39(1):45-53

Skinfold pattern in rural school boys. Sood AK, et al. **Indian Pediatr** 1984 Sep;21(9):725-8

Validity of triceps skinfold and relative weight as measures of adolescent obesity. Johnston FE. **J Adolesc Health Care** 1985 May;6(3):185-90

Reference values and age-related trends for arm muscle area, arm fat area, and sum of skinfolds for United States adults. Bowen PE, et al. **J Am Coll Nutr** 1984;3(4):357-76

Reference values for arm muscle area, arm fat area, subscapular skinfold thickness, and sum of skinfold thicknesses for American adults. Bishop CW. **JPEN** 1984 Sep-Oct;8(5):515-22

[Measurement of skin thickness and skin phalanx distance using 15 MHz ultrasound in systemic scleroderma] Serup J. **Ugeskr Laeger** 1984 May 28;146(22):1631-3 (Eng. Abstr.) **(Dan)**

[Evaluation of subcutaneous tissue by measurement of skin fold thickness and by ultrasonics. Value of the tricipital fold (letter)] Simon C, et al. **Presse Med** 1985 Mar 23; 14(12):696 **(Fre)**

[Skinfold thickness in children aged 3 to 15 years from the vicinity of the Katowice steel plant] Gralla G. **Pediatr Pol** 1984 Aug;59(8):651-8 (Eng. Abstr.) **(Pol)**

SKULL

see related
INTRACRANIAL PRESSURE
TREPHINING

Massive osteolysis of the skull: long-term follow-up observations after cranioplasty. Report of two cases. Chai WX, et al. **Acta Neurochir (Wien)** 1984;73(3-4):201-6

MR imaging of the craniocervical junction. Lee BC, et al. **AJNR** 1985 Mar-Apr;6(2):209-13

Neonatal craniotabes. Fox GN, et al. **Am Fam Physician** 1984 Dec;30(6):149-51

Complications of the Mayfield skull clamp. Baerts WD, et al. **Anesthesiology** 1984 Oct;61(4):460-1

Pott's puffy tumor. A clinical marker for osteomyelitis of the skull. Koch SE, et al. **Arch Dermatol** 1985 Apr; 121(4):548-9

Aneurysmal bone cyst of the skull. Ameli NO, et al. **Can J Neurol Sci** 1984 Nov;11(4):466-71

A classification system for primitive neuroectodermal tumors (medulloblastoma) of the posterior fossa. Laurent JP, et al. **Cancer** 1985 Oct 1;56(7 Suppl):1807-9

Orbitocalvarial swelling and proptosis as an early manifestation of systemic lymphoma. Coppeto JR, et al. **J Clin Neuro Ophthalmol** 1984 Sep;4(3):173-80

Giant intradiploic epidermoid cysts of the skull. Report of two cases. Constans JP, et al. **J Neurosurg** 1985 Mar; 62(3):445-8

Measurement system of fontanelle pressure (Part II). Trial production of a non-invasive intracranial pressure monitoring system via the anterior fontanelle. Honda E. **Kurume Med J** 1984;31(3):249-58

Fontanelle pressure in infants: discussion on 6 cases of macrocrania. Honda E, et al. **Kurume Med J** 1984; 31(3):273-83

Measurement of fontanelle pressure (Part I). A new instrument for non-invasive measurement of intracranial pressure via the anterior fontanelle. Honda E. **Kurume Med J** 1984;31(3):235-47

Fontanelle pressure (ICP) in infantile hydrocephalus. Investigation of ICP in 6 cases of hydrocephalus with normal head circumference and without shunting operation. Honda E, et al. **Kurume Med J** 1984;31(3):259-72

Otolaryngologic manifestations of posterior fossa arachnoid cysts. Hadley MN, et al. **Laryngoscope** 1985 Jun; 95(6):678-81

Osteoradionecrosis of the maxilla and skull base. Komisar A, et al. **Laryngoscope** 1985 Jan;95(1):24-8

Congenital dermoid cysts at the anterior fontanelle. Report of three cases in Italian children. Stella L, et al. **Neurochirurgia (Stuttg)** 1984 Nov;27(6):186-9

Solitary eosinophilic granuloma of the skull. Rawlings CE 3d, et al. **Neurosurgery** 1984 Aug;15(2):155-61

Case report 290. Fibrous dysplasia of calvaria (multiple sclerotic lesions). Ford KB, et al. **Skeletal Radiol** 1985; 13(1):68-71

Intracranial granuloma caused by Aspergillus fumigatus. Yanai Y, et al. **Surg Neurol** 1985 Jun;23(6):597-604

[Transfontanellar echography in the early detection of traumatic subdural hematoma in the infant. Apropos of a case] Cinquin AM, et al. **Pediatrie** 1984 Sep;39(6):445-50 (Eng. Abstr.) **(Fre)**

[Noninvasive intracranial pressure measurement at the anterior fontanelle in the first days of life] Strassburg HM, et al. **Monatsschr Kinderheilkd** 1984 Dec;132(12):904-8 (Eng. Abstr.) **(Ger)**

[Unknown foreign body of the cranial base] Frattina A, et al. **Chir Ital** 1984 Feb;36(1):108-16 (Eng. Abstr.) **(Ita)**

[Orbital apex syndrome as a result of fibrous dysplasia of the skull with malignant evolution] Savino S, et al. **Riv Neurol** 1984 Sep-Oct;54(5):340-6 (Eng. Abstr.) **(Ita)**

[Combined transsphenoidal and transoral approach for clivus chordoma] Kobayashi S, et al. **No Shinkei Geka** 1984 Nov; 12(12):1339-46 **(Jpn)**

[Craniofacial pain] Cravo J, et al. **Rev Port Estomatol Cir Maxilofac** 1984 Jul-Sep; 25(3):887-916 (Eng. Abstr.) **(Por)**

[Late results and consequences of radiotherapy of fibrous dysplasia of the skull] Podliashchuk EL, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):9-12 (Eng. Abstr.) **(Rus)**

[Normal pressure hydrocephaly in Paget's disease of the cranium] García Vadillo JA, et al. **Rev Clin Esp** 1984 Jul 15-31;174(1-2):57-8 **(Spa)**

ABNORMALITIES

Exencephaly in Cantrell-Haller-Ravitsch Syndrome. Hori A, et al. **Acta Neuropathol (Berl)** 1984;65(2):158-62

An acardiac acephalic anomaly detected on sonography. Wexler S, et al. **Acta Obstet Gynecol Scand** 1985;64(1):93-4

Quantification of dysmorphogenesis: pattern variability index, sigma z. Garn SM, et al. **AJR** 1985 Feb;144(2):365-9

Weaver-Smith syndrome. A case study with long-term follow-up. Amir N, et al. **Am J Dis Child** 1984 Dec;

138(12):1113-7

Macrocephaly with hamartomas: Bannayan-Zonana syndrome. Miles JH, et al. **Am J Med Genet** 1984 Oct;19(2):225-34

Three dimensional image reconstruction of computed tomograms of the head and neck in the pediatric age group. Armstrong EA, et al. **Ann Radiol (Paris)** 1985;28(3-4):241-8 **(Eng, Fre)**

Prenatal and post-natal persistent overriding cranial sutures. Cavaluzzi JA, et al. **Ann Radiol (Paris)** 1984 Dec;27(8):664-6

Neurologic manifestations of the organoid nevus syndrome. Clancy RR, et al. **Arch Neurol** 1985 Mar;42(3):236-40

Peroxisomal beta-oxidation enzyme proteins in the Zellweger syndrome. Tager JM, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1269-75

Congenital cranio-facial dysmorphosis associated with Ito's syndrome (incontinentia pigmenti achromians): a case report. Stricker M, et al. **Br J Plast Surg** 1984 Oct;37(4):472-6

Cephalometric radiography and computed tomography in infants undergoing craniofacial surgery. Lilja J, et al. **Childs Nerv Syst** 1985;1(2):100-4

A comparative cephalometric study of the cranial base in craniofacial anomalies: Part I: Tensor analysis. Grayson BH, et al. **Cleft Palate J** 1985 Apr;22(2):75-87

Size of the cranium in parents and their children with cleft lip. Nakasima A, et al. **Cleft Palate J** 1984 Jul;21(3):193-203

Variations in craniofacial morphology with severity of isolated cleft palate. Smahel Z. **Cleft Palate J** 1984 Jul;21(3):140-58

Craniofacial morphology in adults with bilateral complete cleft lip and palate. Smahel Z. **Cleft Palate J** 1984 Jul;21(3):159-69

Distal trisomy 14q syndrome; a case report. Markkanen A, et al. **Clin Genet** 1984 Sep;26(3):231-4

Computerized imaging for soft tissue and osseous reconstruction in the head and neck. Marsh JL, et al. **Clin Plast Surg** 1985 Apr;12(2):279-91

The H-2 genetic complex, dexamethasone-induced cleft palate, and other craniofacial anomalies. Bonner JJ. **Curr Top Dev Biol** 1984;19:193-215 (35 ref.)

The skull in normal and pugheaded females of the mosquitofish Heterandria formosa Agassiz, 1853 (teleostei, poeciliidae). Riehl R, et al. **Gegenbaurs Morphol Jahrb** 1985;131(2):261-70

Indiana's craniofacial anomalies team. Special care at the James Whitcomb Riley Hospital for Children. Nelson CL, et al. **Indiana Med** 1984 Dec;77(12):940-6

Spontaneous craniofacial malformations and central nervous system defects in an aborted equine foetus. Bunton TE. **J Comp Pathol** 1985 Jan;95(1):131-5

Computed tomography in the study of the development of the skull base: 2. Anencephaly, the aberrant skull form. Virapongse C, et al. **J Comput Assist Tomogr** 1985 Jan-Feb;9(1):95-102

Teratogenic effects of dosage levels and time of administration of carbamazepine, sodium valproate, and diphenylhydantoin on craniofacial development in the CD-1 mouse fetus. Eluma FO, et al. **J Craniofac Genet Dev Biol** 1984;4(3):191-210

A child with a recombinant of chromosome 8 inherited from her carrier mother. Barnes IC, et al. **J Med Genet** 1985 Feb;22(1):67-70

Monosomy 13q32.3-----qter: report of two cases. Rivera H, et al. **J Med Genet** 1985 Apr;22(2):142-5

Trigonocephaly and the Opitz C syndrome. Sargent C, et al. **J Med Genet** 1985 Feb;22(1):39-45

Fetal alcohol syndrome: an examination of craniofacial dysmorphology in Macaca nemestrina. Inouye RN, et al. **J Med Primatol** 1985;14(1):35-48

Craniofacial features of isotretinoin embryopathy. Fernhoff PM, et al. **J Pediatr** 1984 Oct;105(4):595-7

Weill-Marchesani syndrome with bilateral angle-closure glaucoma. Wright KW, et al. **J Pediatr Ophthalmol Strabismus** 1985 Jul-Aug;22(4):129-32

An algorithm for prenatal ultrasound diagnosis of congenital CNS abnormalities. Carrasco CR, et al. **J Ultrasound Med** 1985 Apr;4(4):163-8

Thanatophoric dwarfism with the cloverleaf skull: a specific antenatal sonographic diagnosis. Mahony BS, et al. **J Ultrasound Med** 1985 Mar;4(3):151-4

Further experience in the management of craniofacial dysmorphic states. Nagib MG, et al. **Minn Med** 1985 Jul;68(7):521-5

Abnormalities of the skull in children. Jacobson RI. **Neurol Clin** 1985 Feb;3(1):117-45 (80 ref.)

Cranial asymmetry and lambdoid synostosis in a sibship. Lohse DC, et al. **Neurosurgery** 1985 Jun;16(6):836-8

Surgery in craniocervical dysplasia. Elies W. **Otolaryngol Clin North Am** 1984 Aug;17(3):553-63

The otolaryngologist's role in the craniofacial anomalies team. Holt GR, et al. **Otolaryngol Head Neck Surg** 1984 Aug;92(4):406-9

Cerebro-costo-mandibular syndrome with consanguinity. Clarke EA, et al. **Pediatr Radiol** 1985;15(4):264-6

Aplasia cutis congenita of the scalp: delayed closure complicated by massive hemorrhage. Glasson DW, et al. **Plast Reconstr Surg** 1985 Mar;75(3):423-5

Psychosocial adjustment and craniofacial malformations in childhood. Pertschuk MJ, et al. **Plast Reconstr Surg** 1985 Feb;75(2):177-84

Amniotic band syndrome causing fetal head deformity. Hughes RM, et al. **Prenat Diagn** 1984 Nov-Dec;4(6):447-50

The prenatal diagnosis of the cerebro-hepato-renal syndrome of Zellweger. Solish GI, et al. **Prenat Diagn** 1985 Jan-Feb;5(1):27-34

Exencephaly: sonographic findings and radiologic-pathologic correlation. Cox GG, et al. **Radiology** 1985 Jun;155(3):755-6

Novel accessory skull bone in fetal rats after exposure to aspirin. Mitala JJ, et al. **Teratology** 1984 Aug;30(1):95-8

Acentric craniofacial cleft in a newborn female prenatally exposed to a high dose of diazepam. Rivas F, et al. **Teratology** 1984 Oct;30(2):179-80

Ectopia cordis thoracalis with craniofacial defects resulting from early amnion rupture. Van Allen MI, et al. **Teratology** 1985 Aug;32(1):19-24

The Smith-Lemli-Opitz syndrome. A detailed pathological study as a clue to a etiological heterogeneity. Cherstvoy ED, et al. **Virchows Arch** [A] 1984;404(4):413-25

[New possibilities of the surgical treatment of craniofacial malformations] Kozák J, et al. **Cesk Pediatr** 1984 Aug;39(8):468-71 (Eng. Abstr.) **(Cze)**

[Unwanted results in craniofacial surgery] Mühling J, et al. **Fortschr Kiefer Gesichtschir** 1985;30:148-50 **(Ger)**

[Twin pregnancy with severe skull malformation of one twin] Leucht W, et al. **Geburtshilfe Frauenheilkd** 1984 Aug;44(8):533-6 (Eng. Abstr.) **(Ger)**

[Prenatal diagnosis of thanatophoric dwarfism with a cloverleaf skull--ultrasonographic findings, humane genetic aspects] Weiss H, et al. **Geburtshilfe Frauenheilkd** 1984 Aug;44(8):525-8 (Eng. Abstr.) **(Ger)**

[Review of the literature on craniotubular dysplasias] Grulliero A, et al. **Minerva Stomatol** 1985 May-Jun;34(3):475-9 (16 ref.) (Eng. Abstr.) **(Ita)**

[A case of congenital defect of the scalp and skull] Di Giuseppe A, et al. **Pediatr Med Chir** 1984 Sep-Oct;6(5):713-7 (Eng. Abstr.) **(Ita)**

ANALYSIS

Bone-derived macrophage chemotactic factors: methods of extraction and further characterization. Minkin C, et al. **Calcif Tissue Int** 1985 Jan;37(1):63-72

[Nondestructive multielement analysis of skull biopsies by neutron activation] Zwanziger H, et al. **Zahn Mund Kieferheilkd** 1985;73(2):161-5 (Eng. Abstr.) **(Ger)**

ANATOMY & HISTOLOGY

Origins and affinities of Japanese viewed from cranial measurements. Hanihara K. **Acta Anthropogenet** 1984;8(1-2):149-58

Anatomy of the skull base and the infratemporal fossa. van Huijzen C. **Adv Otorhinolaryngol** 1984;34:242-53

Functional morphology of the asterionic region in extant hominoids and fossil hominids. Kimbel WH, et al. **Am J Phys Anthropol** 1985 Jan;66(1):31-54

Cranial morphology of Australopithecus afarensis: a comparative study based on a composite reconstruction of the adult skull. Kimbel WH, et al. **Am J Phys Anthropol** 1984 Aug;64(4):337-88

Genetic correlations between sides and heritability of asymmetry for nonmetric traits in rhesus macaques on Cayo Santiago. McGrath JW, et al. **Am J Phys Anthropol** 1984 Aug;64(4):401-11

Family resemblance for cranio-facial measurements in Velanti Brahmins from Andhra Pradesh, India. Poosha DV, et al. **Am J Phys Anthropol** 1984 Sep;65(1):15-22

An alternative method of estimating the cranial capacity of Olduvai Hominid 7. Vaišnys JR, et al. **Am J Phys Anthropol** 1984 Sep;65(1):71-81

The number and location of the parietal foramen in human skulls. Penteado CV, et al. **Anat Anz** 1985;158(1):39-41

Path analysis of family resemblance for cranio-facial traits in Andhra Pradesh nuclear families and twins. Byard PJ, et al. **Ann Hum Biol** 1985 Jul-Aug;12(4):305-14

Multi-dimensional complexes of skull traits. Bergman P, et al. **Anthropol Anz** 1985 Jun;43(2):165-71

Age changes of skull dimensions. Susanne C, et al. **Anthropol Anz** 1985 Mar;43(1):31-6

Saddle angle and maxillary prognathism: a radiological analysis of the association between the NSAr and SNA angles. Järvinen S. **Br J Orthod** 1984 Oct;11(4):209-13

Comparative myology of the hominoid cranial base. I. The muscular relationships and bony attachments of the digastric muscle. Dean MC. **Folia Primatol (Basel)** 1984;43(4):234-48

Comparative myology of the hominoid cranial base. II. The muscles of the prevertebral and upper pharyngeal region. Dean MC. **Folia Primatol (Basel)** 1985;44(1):40-51

The skull in normal and pugheaded females of the mosquitofish Heterandria formosa Agassiz, 1853 (teleostei, poeciliidae). Riehl R, et al. **Gegenbaurs Morphol Jahrb** 1985;131(2):261-70

Sibling correlations for cranial measurements from serial radiographs. Byard PJ, et al. **J Craniofac Genet Dev Biol** 1984;4(4):265-9

Head measurements in newborn infants. Sivan Y, et al. **J Craniofac Genet Dev Biol** 1984;4(4):259-63

Adjusting craniofacial correlations for technical error. Buschang PH, et al. **J Dent Res** 1985 Jun;64(6):919-21

Three dimensional digitization of the face and skull. Arridge S, et al. **J Maxillofac Surg** 1985 Jun;13(3):136-43

Artifacts seen commonly on ultrasonography of the fetal cranium. Schoenecker SA, et al. **J Reprod Med** 1985 Jul;30(7):541-4

A comparative study of the tapetum, retina and skull of the ferret, dog and cat. Wen GY, et al. **Lab Anim Sci** 1985 Jun;35(3):200-10

Surgeon's view of the skull base from the lateral approach. Goldenberg RA. **Laryngoscope** 1984 Dec;94(12 Pt 2 Suppl 36):1-21

Variability of bregma in 300 gram Long-Evans and Sprague-Dawley rats. Kline J, et al. **Physiol Behav** 1984 Aug;33(2):301-3

The pituitary fossa: a correlative anatomic and MR study. Mark L, et al. **Radiology** 1984 Nov;153(2):453-7

[Functional anatomy of the posterior fossa] Guérin J, et al. **Agressologie** 1985 Apr;26(4):339-41 **(Fre)**

[The laterocraniofacial sector or craniomandibular field] Stricker M. **Ann Chir Plast Esthet** 1984;29(3):211-5 **(Fre)**

[Additional skeletal elements in the nasal skull structure of Phocoena phocoena and the development of the nasal region in toothed whales] Klima M, et al. **Gegenbaurs Morphol Jahrb** 1985;131(2):131-78 (Eng. Abstr.) **(Ger)**

[Comparative morphologic characteristics of the Upper Paleolithic specimens from Oberkassel near Bonn] Henke W. **Z Morphol Anthropol** 1984;75(1):27-44 (Eng. Abstr.) **(Ger)**

[Measuring the fontanelles of premature infants] Fabris C, et al. **Minerva Pediatr** 1984 Oct 31;36(20):997-8 (Eng. Abstr.) **(Ita)**

[Standards for the cranial fontanelles of the newborn infant] Fabris C, et al. **Minerva Pediatr** 1984 Oct 31;36(20):985-8 (Eng. Abstr.) **(Ita)**

[Morphological observations on the cranial and facial bones of the crab-eating monkey] Suzuki J, et al. **Jikken Dobutsu** 1984 Jul;33(3):319-37 (Eng. Abstr.) **(Jpn)**

[Structuro-morphologic properties of the bones of the cranial vault] Bachinskiĭ VT. **Sud Med Ekspert** 1984 Oct-Dec;27(4):27-9 (Eng. Abstr.) **(Rus)**

[Method of identifying persons by their skulls using the photomatching technic] Piatkevich MM, et al. **Sud Med Ekspert** 1984 Oct-Dec;27(4):31-3 (Eng. Abstr.) **(Rus)**

BLOOD SUPPLY

Substance P and the sensory innervation of intracranial and extracranial feline cephalic arteries. Implications for vascular pain mechanisms in man. Norregaard TV, et al. **Brain** 1985 Jun;108 (Pt 2):517-33

Blood supply of the upper craniofacial skeleton: the search for composite calvarial bone flaps. Cutting CB, et al. **Plast Reconstr Surg** 1984 Nov;74(5):603-10

DRUG EFFECTS

Acquired craniofacial features associated with chronic phenytoin therapy. Johnson JP. **Clin Pediatr (Phila)** 1984 Dec;23(12):671-4

Experimental induction of cranioschisis aperta and exencephaly after neural tube closure. A rat model. Padmanabhan R. **J Neurol Sci** 1984 Nov-Dec;66(2-3):235-43

EMBRYOLOGY

Development of human craniofacial morphology during the late embryonic and early fetal periods. Diewert VM. **Am J Orthod** 1985 Jul;88(1):64-76

Asymmetry of the human skull during fetal growth. Trenouth MJ. **Anat Rec** 1985 Feb;211(2):205-12

The relationship between differences in regional growth rates and changes in shape during human fetal craniofacial growth. Trenouth MJ. **Arch Oral Biol** 1985;30(1):31-5

Craniofacial mesenchyme in morphogenesis and malformation. Symposium, Seattle, Washington, June 19, 1983. **Birth Defects** 1984;20(3):1-144

Changes in the jaw relationships during human foetal cranio-facial growth. Trenouth MJ. **Br J Orthod** 1985 Jan;12(1):33-9

Craniofacial development: the possible mechanisms for some malformations. Vig KW, et al. **Br J Orthod** 1984 Jul;11(3):114-8

Shape changes during human fetal craniofacial growth. Trenouth MJ. **J Anat** 1984 Dec;139 (Pt 4):639-51

The use of ultrasonic fetal head circumference for predicting expected date of confinement. Ott WJ. **JCU** 1984 Sep;12(7):411-5

[Variations in the early development of sutures] Furtwängler J. **Schweiz Monatsschr Zahnmed** 1985 May;95(5):454-61 (Eng. Abstr.) **(Ger)**

GROWTH & DEVELOPMENT

Cranial postnatal growth of the rat relative to environmental variance. Nowosielski-Slepowron BJ, et al. **Acta Morphol Neerl Scand** 1984 Oct;22(3):187-216

The growing skull. Part III. Dynamics of growth of the neurocranium. Gefferth CM. **Acta Paediatr Hung** 1984;25(1-2):59-74

The relationships of transcephalic impedance, head growth and caloric intake to outcome in preterm infants. Ellison P, et al. **Acta Paediatr Scand** 1984 Nov;73(6):820-7

CT measurements of cranial growth: alternative measurement method. Hahn FJ, et al. **AJNR** 1985 Jul-Aug;6(4):537-8

Finite element method modeling of craniofacial growth. Moss ML, et al. **Am J Orthod** 1985 Jun;87(6):453-72

Growth control of the rat skull. Differential effects of undernourishment and of altered behaviour in experimental bipedia. Smit-Vis JH. **Anat Anz** 1984;157(4):261-74

Pubertal spurts in cranial base and mandible. Comparisons within individuals. Lewis AB, et al. **Angle Orthod** 1985 Jan;55(1):17-30

Tensor biometrics for changes in cranial shape. Bookstein FL. **Ann Hum Biol** 1984 Sep-Oct;11(5):413-37

A radioautographic study of the effect of age on the protein-synthetic and bone-deposition activity in interparietal sutures of male white mice. Yen EH, et al. **Arch Oral Biol** 1984;29(12):1041-7

Induced regeneration of calvaria by bone morphogenetic protein (BMP) in dogs. Sato K, et al. **Clin Orthop** 1985 Jul-Aug;(197):301-11

Skull growth from birth to adulthood in Wakamba, Kenya. Jansen AA. **East Afr Med J** 1984 May;61(5):420-6

Phylogeny, neoteny and growth of the cranial base in hominoids. Dean MC, et al. **Folia Primatol (Basel)** 1984; 43(2-3):157-80

Genetic variation and craniofacial growth in inbred rats. Nonaka K, et al. **J Craniofac Genet Dev Biol** 1984; 4(4):271-302

A comparison of craniofacial growth between two colonies of marmosets (Callithrix jacchus). Townsend GC, et al. **J Med Primatol** 1983;12(4):201-8

The testing of an allometric center model of craniofacial growth. Moss ML, et al. **Z Morphol Anthropol** 1984; 74(3):295-313

[Craniofacial changes in unilateral aplasia of the ear (radiographic study)] Smahel Z. **Cesk Otolaryngol** 1985 Jun;34(3):176-87 (Eng. Abstr.) **(Cze)**

[CT study on the development of the brain and cranium] Mitomo M. **No To Hattatsu** 1985 Mar;17(2):115-25 **(Jpn)**

[Pubertal growth spurt in the thickness of the bones of the human cranium] Zaichenko AA. **Arkh Anat Gistol Embriol** 1985 May;88(5):81-2 (Eng. Abstr.) **(Rus)**

INJURIES

Use of autogenous omentum for grafting electrical injury affecting the scalp and skull. Sun YH, et al. **Burns Incl Therm Inj** 1985 Apr;11(4):289-92

Traumatic extradural hematomas with delayed development. Fukamachi A, et al. **Comput Radiol** 1984 Jul-Aug; 8(4):197-201

Influence of ambient temperature and drug treatments on brain oedema induced by impact injury on skull in rats. Dey PK, et al. **Indian J Physiol Pharmacol** 1984 Jul-Sep; 28(3):177-86

Craniofacial lesions by grindstone wheels. Meley M, et al. **J Trauma** 1985 Jun;25(6):557-9

[A rare case of fracture of the posterior cranial fossa] Gruszewicz Z, et al. **Otolaryngol Pol** 1984;38(4):343-7 (Eng. Abstr.) **(Pol)**

[Morphological correlates between injuries to the skull and the tentorium cerebelli in infants dying in labor with head presentation] Vlasiuk VV. **Akush Ginekol (Mosk)** 1985 Apr; (4):69-71 **(Rus)**

[Free cutaneo-muscular plasty in deep burns of the calvaria] Vikhriev BS, et al. **Khirurgiia (Mosk)** 1985 May;(5):43-5 (Eng. Abstr.) **(Rus)**

METABOLISM

Effect of sodium vanadate on deoxyribonucleic acid and protein syntheses in cultured rat calvariae. Canalis E. **Endocrinology** 1985 Mar;116(3):855-62

Differences in basal and stimulated cyclic AMP content in calvaria bones from normal mice and mice with an impaired lysosomal function (beige mice). Ransjö M, et al. **Eur J Clin Invest** 1985 Feb;15(1):15-9

PATHOLOGY

Facial sculpture on the skull for identification. Gatliff BP. **Am J Forensic Med Pathol** 1984 Dec;5(4):327-32

The collection of human skulls and postcranial skeletons at the department of human anatomy of the University of Torino (Italy). Giraudi R, et al. **Am J Phys Anthropol** 1984 Oct;65(2):105-7

Porotic hyperostosis: representative of a childhood condition. Stuart-Macadam P. **Am J Phys Anthropol** 1985 Apr; 66(4):391-8

Increased head circumference in patients with Duchenne muscular dystrophy [letter] Schmidt B, et al. **Ann Neurol** 1985 Jun;17(6):620-1

Craniofacial defects in the human skeletal dysplasias. Eteson DJ, et al. **Birth Defects** 1984;20(3):19-45 (34 ref.)

Identification of skull from its suture pattern. Chandra Sekharan P. **Forensic Sci Int** 1985 Mar;27(3):205-14

On the etiology and pathogenesis of porotic hyperostosis of the skull. Ponec DJ, et al. **Invest Radiol** 1984 Jul-Aug; 19(4):313-7

Metropolitan Forensic Anthropology Team (MFAT) case studies in identification: 2. Identification of a Vietnamese trophy skull. Taylor JV, et al. **J Forensic Sci** 1984 Oct; 29(4):1253-9

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 42-1984. A 29-year-old woman with a lytic lesion of a parietal bone. **N Engl J Med** 1984 Oct 18;311(16):1036-43

[Cranial fasciitis in children. Apropos of a case in a neonate with duramateral involvement] Pasquier B, et al. **Ann Pathol** 1984 Dec;4(5):371-5 (Eng. Abstr.) **(Fre)**

[Circumscribed osteoatrophy of the skull—a late symptom in bruxism] Lahrsow G, et al. **Z Hautkr** 1984 Oct 15; 59(20):1385-91 (Eng. Abstr.) **(Ger)**

[Successful identification from incomplete skull fragments] Kósa F, et al. **Morphol Igazsagugyi Orv Sz** 1984 Jul; 24(3):228-32 **(Hun)**

[Separation of the bones of the skull along their suture lines during putrefaction of a cadaver] Zhukov AA. **Sud Med Ekspert** 1984 Oct-Dec;27(4):52 **(Rus)**

PHYSIOLOGY

Biomechanics of the primate skull base. Demes B. **Adv Anat Embryol Cell Biol** 1985;94:1-59

The use of in vitro models for investigating the response of fibrous joints to tensile mechanical stress. Meikle MC, et al. **Am J Orthod** 1984 Feb;85(2):141-53

Effect of cephalic pressure on fetal cerebral blood flow. O'Brien WF, et al. **Am J Perinatol** 1984 Apr;1(3):223-6

Exploitation of the residual premaxillary-maxillary suture site in maxillary protraction. An hypothesis. Haskell BS, et al. **Angle Orthod** 1985 Apr;55(2):108-19

Zygomaticomaxillary suture adaptations incident to anteriorly-directed forces in rhesus monkeys. Nanda R, et al. **Angle Orthod** 1984 Jul;54(3):199-210

The cranial mechanism and its dental implications. Libin BM. **Int J Orthod** 1984 Jun-Sep;22(2-3):7-11

Effect of the skull and dura on neural axis pressure-volume relationships and CSF hydrodynamics. Shapiro K, et al. **J Neurosurg** 1985 Jul;63(1):76-81

[Biomechanical models of the human skull: stability of various segments in three simulations] Pesce Delfino V, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1293-9 (Eng. Abstr.) **(Ita)**

[Craniocerebral temperature studied by decimetric radiothermometry] Gustov AV, et al. **Fiziol Cheloveka** 1985 Jan-Feb;11(1):151-4 **(Rus)**

PHYSIOPATHOLOGY

Progressive facial asymmetry as a result of early closure of the left coronal suture. Arvystas MG, et al. **Am J Orthod** 1985 Mar;87(3):240-6

[Biomechanical fragility of the infant skull] Weber W. **Z Rechtsmed** 1985;94(2):93-101 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

Aging brain and skull [letter] Davis DO. **AJNR** 1985 Jan-Feb;6(1):126

Spontaneous CSF rhinorrhea arising from the middle cranial fossa: CT demonstration. Yeates AE, et al. **AJNR** 1984 Nov-Dec;5(6):820-1

Aging brain and skull [letter] Davis DO. **AJR** 1984 Dec; 143(6):1353

On the measurement of cranial thickness at nasion on cephalographs. Einy S, et al. **Am J Phys Anthropol** 1984 Nov;65(3):313-4

The value of perinatal post-mortem radiography. Experience of 514 cases. Seppänen U. **Ann Clin Res** 1985;17 Suppl 44:1-59

Calvarial doughnut lesions with osteoporosis, multiple fractures, dentinogenesis imperfecta and tumorous changes in the jaws. (Report of a case). Colavita N, et al. **Australas Radiol** 1984 Aug;28(3):226-31

Pathognomonic CT findings of posterior fossa epidural hematomas. Mathis JM, et al. **Comput Radiol** 1984 Nov-Dec;8(6):395-401

Roentgenographic cranial-base and calvarial measurements of Jamaican children between one month and five years. Singhi S, et al. **Dev Med Child Neurol** 1984 Dec;26(6):793-8

Cranio-fascial tuberculosis. Bhatia BD, et al. **Indian Pediatr** 1984 Oct;21(10):822-4

Managed reduction of unnecessary skull radiography. MacEwan DW, et al. **J Can Assoc Radiol** 1984 Sep; 35(3):287-90

Implementation of guidelines for the use of skull radiographs in patients with head injuries. Fowkes FG, et al. **Lancet** 1984 Oct 6;2(8406):795-6

Skull x-ray assessment of head injuries: a decision analytic approach. Balla JI, et al. **Methods Inf Med** 1984 Jul; 23(3):135-8

A morphometric CT study of Down's syndrome showing small posterior fossa and calcification of basal ganglia. Ieshima A, et al. **Neuroradiology** 1984;26(6):493-8

Neuroradiology of the skull base. Seeger JF. **Otolaryngol Clin North Am** 1984 Aug;17(3):459-82

Generation of three dimensional images from CT scans: technological perspective. Knapp RH, et al. **Radiol Technol** 1985 Jul-Aug;56(6):391-8

Significance of dynamic CT in the diagnosis of bony destructions of the skull base. Artmann H, et al. **Rev Laryngol Otol Rhinol (Bord)** 1985;106(1):45-8

Case report 319. Sickle cell anemia (homozygosity for hemoglobin S) affecting the calvaria. Roth EF Jr, et al. **Skeletal Radiol** 1985;14(1):65-7

Aneurysmal bone cysts in the cranial vault and base of skull. Calliauw L, et al. **Surg Neurol** 1985 Feb;23(2):193-8

Fibrous dysplasia of the skull with increased vascularity in the angiogram. Ito H, et al. **Surg Neurol** 1985 Apr; 23(4):408-10

Absorbed doses at varying tube voltage in lateral cephalography. Eliasson S, et al. **Swed Dent J** 1985; 9(3):117-27

Roentgenographic skull volume in Jamaican children between the ages of one month and five years. Fernandez F, et al. **West Indian Med J** 1984 Dec;33(4):227-30

[Observation of plain X-ray films of skulls of 107 neonates delivered by vacuum extraction] Yao JF. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Oct;19(4):222-5, 257 (Eng. Abstr.) **(Chi)**

[Variations in area proportion in the lateral cephalometric roentgenogram during prenatal growth] Wang EP. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Mar;19(1):53-5 **(Chi)**

[CT of the skull of Princess Ludmila and members of her family] Vlček E, et al. **Cesk Radiol** 1984 Dec;38(6):410-6 (Eng. Abstr.) **(Cze)**

[Diagnostic contribution of 3-dimensional reconstruction using x-ray computed tomography: sections and surfaces of the anatomy of the head] Salvolini U, et al. **Ann Chir Plast Esthet** 1984;29(4):339-57 (Eng. Abstr.) **(Fre)**

[In vivo cephalic x-ray computed tomography of the chimpanzee (Pan troglodytes, Catarhinii, Anthropomorpha) in the neuro-ocular plane] Saban R, et al. **C R Acad Sci [III]** 1985;300(8):341-6 (Eng. Abstr.) **(Fre)**

[The craniocervical transitional area: a diagnostic problem] Strohecker J, et al. **Digitale Bilddiagn** 1985 Jun;5(2):61-5 (Eng. Abstr.) **(Ger)**

[Quality criteria in the x-ray diagnosis of the skull] Friedman G. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985;123:50-5 **(Ger)**

[Course of Paget's osteodystrophia deformans—exemplified by the roentgen morphology of the cranial bones] Heuck F. **Radiologe** 1984 Sep;24(9):414-21 (Eng. Abstr.) **(Ger)**

[Button sequestrum. A rare manifestation of eosinophilic granuloma of the skull] Galanski M, et al. **ROFO** 1984 Sep;141(3):358-9 **(Ger)**

[Characteristics of the craniographic picture in women with sterility and menstrual cycle disorders of the oligomenorrhea type] Olaie-Gberevbie FCh, et al. **Akush Ginekol (Mosk)** 1985 Mar;(3):48-50 (Eng. Abstr.) **(Rus)**

[Results of the analysis of lateral teleroentgenograms of the head before and after orthodontic treatment of prognathic (distal) bite using a lidase preparation] Mustafa IA, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):70-2 (Eng. Abstr.) **(Rus)**

[Craniography in brain tumors] Kamalov II. **Zh Nevropatol Psikhiatr** 1985;85(5):696-9 (Eng. Abstr.) **(Rus)**

[Use of skull radiography in craniocerebral injuries in childhood] Legido A, et al. **An Esp Pediatr** 1985 Apr 15; 22(5):359-69 (Eng. Abstr.) **(Spa)**

RADIONUCLIDE IMAGING

Crescent sign on radionuclide static brain imaging. Shih WJ, et al. **Semin Nucl Med** 1985 Jan;15(1):67-9

SURGERY

Neuro-otology and skull base surgery. **Adv Otorhinolaryngol** 1984;34:1-279

Porous polyethylene in reconstructive head and neck surgery. Berghaus A. **Arch Otolaryngol** 1985 Mar;111(3):154-60

Symposium on head and neck surgery. **Clin Plast Surg** 1985 Jul;12(3):311-517

Preformed polymethylmethacrylate cranioplasties: report of 45 cases. van Gool AV. **J Maxillofac Surg** 1985 Feb; 13(1):2-8

Cranial implant modification. Martin JW, et al. **J Prosthet Dent** 1984 Sep;52(3):414-6

Craniofacial surgery. Its evolution and application. Schafer ME. **Neurol Clin** 1985 May;3(2):331-57 (39 ref.)

Symposium on skull base surgery. **Otolaryngol Clin North Am** 1984 Aug;17(3):457-629

Surgery of the posterior fossa. Glasscock ME 3d, et al. **Otolaryngol Clin North Am** 1984 Aug;17(3):483-97

Carbon dioxide (CO2) laser perforation of exposed cranial bone to stimulate granulation tissue. Bailin PL, et al. **Plast Reconstr Surg** 1985 Jun;75(6):898-902

An analysis of 12 years of craniomaxillofacial surgery in Toronto. Munro IR, et al. **Plast Reconstr Surg** 1985 Jul; 76(1):29-35

The extended trapezius musculocutaneous flap for cranio-orbital facial reconstruction. Rosen HM. **Plast Reconstr Surg** 1985 Mar;75(3):318-27

[Surgical approach to the laterocraniofacial sector] Flot F, et al. **Ann Chir Plast Esthet** 1984;29(3):223-6 (Eng. Abstr.) **(Fre)**

[Thermopolymerizable acrylic cranioplasties. Technic and results apropos of 37 cases] Richaud J, et al. **Ann Chir Plast Esthet** 1985;30(2):134-40 (Eng. Abstr.) **(Fre)**

[Craniostenosis in Algeria. Surgical indications and results of a personal technic] Bou-Salah A, et al. **Neurochirurgie** 1984;30(6):417-21 (Eng. Abstr.) **(Fre)**

[Approach to lesions of the clivus and upper cervical spine by the retropharyngeal intermaxillo-hyoid route] Lesoin F, et al. **Neurochirurgie** 1985;31(1):65-71 (Eng. Abstr.) **(Fre)**

[Effects of cranioplasty on neurological function and cerebral blood flow] Richaud J, et al. **Neurochirurgie** 1985; 31(3):183-8 (Eng. Abstr.) **(Fre)**

[Cranioplasty using radiopaque allotransplants] Babichenko EI, et al. **Zh Vopr Neirokhir** 1985 Mar-Apr;(2):48-9 (Eng. Abstr.) **(Rus)**

[Repair of cranial defects with regenerating bone during transplantation of gamma-irradiated bone filings] Polezhaev LV, et al. **Zh Vopr Neirokhir** 1984 Nov-Dec; (6):57-60 (Eng. Abstr.) **(Rus)**

TRANSPLANTATION

Cranioplasty with inner table of bone flap. Technical note. Kyoshima K, et al. **J Neurosurg** 1985 Apr;62(4):607-9

Composite autogeneic human cranioplasty: frozen skull supplemented with fresh iliac corticocancellous bone. Prolo DJ, et al. **Neurosurgery** 1984 Dec;15(6):846-51

The harvesting of cranial bone grafts: a guided osteotome. Hendel PM. **Plast Reconstr Surg** 1985 Oct;76(4):642-4

The calvarial donor site: an anatomic study in cadavers. Pensler J, et al. **Plast Reconstr Surg** 1985 May;75(5):648-51

SKULL FRACTURES

Inferior turbinate fracture in the treatment of congenital nasolacrimal duct obstruction and congenital nasolacrimal duct anomaly. Wesley RE. **Ophthalmic Surg** 1985 Jun; 16(6):368-71

Naso-ethmoid-orbital fractures: classification and role of primary bone grafting. Gruss JS. **Plast Reconstr Surg** 1985 Mar;75(3):303-17

[Skull fractures in children] Borišev V. **Med Pregl** 1985; 38(3-4):173-7 (Eng. Abstr.) **(Scr)**

CLASSIFICATION

Computed tomography in facial bone fractures: Le Fort classification. Tirman RM, et al. **J Arkansas Med Soc** 1984 Oct;81(5):278-83

COMPLICATIONS

Traumatic, spontaneous and postoperative CSF rhinorrhea. Loew F, et al. **Adv Tech Stand Neurosurg** 1984;11:169-207

The incidence and prevention of meningitis after basilar skull fracture. Dagi TF, et al. **Am J Emerg Med** 1983 Nov; 1(3):295-8

Orbital blowout fracture with ipsilateral fourth nerve palsy. Ruttum MS, et al. **Am J Ophthalmol** 1985 Aug 15; 100(2):343-4

Transmastoid extralabyrinthine approach in traumatic facial palsy. Zini C, et al. **Am J Otol** 1985 May;6(3):216-21

Glucose oxidase sticks and cerebrospinal fluid rhinorrhea. Katz RT, et al. **Arch Phys Med Rehabil** 1985 Jun; 66(6):391-3

Traumatic bitemporal hemianopia. Lambert WG, et al. **Br J Clin Pract** 1985 Jan;39(1):41-2

The pattern and incidence of nasolacrimal injury in naso-orbital-ethmoid fractures: the role of delayed assessment and dacryocystorhinostomy. Gruss JS, et al. **Br J Plast Surg** 1985 Jan;38(1):116-21

Arteriography and selective embolisation in the control of life-threatening haemorrhage following facial fractures. Mehrotra ON, et al. **Br J Plast Surg** 1984 Oct;37(4):482-5

Prevention of meningitis in head injury [letter] Kelly MJ, et al. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):470

Enlarged persistent anterior fontanel following head injury. A case report. Vles JS, et al. **Clin Neurol Neurosurg** 1985; 87(1):51-3

The importance of nasal fractures during different growth periods of the nose. Grymer LF, et al. **J Laryngol Otol** 1985 Aug;99(8):741-4

Nasal fractures in children: influence on the development of the nose. Grymer LF, et al. **J Laryngol Otol** 1985 Aug; 99(8):735-9

Posttraumatic cerebrospinal fluid cyst of the orbit. Case report. Sibony PA, et al. **J Neurosurg** 1985 Jun;62(6):922-4

Facial injuries associated with cervical fractures: recognition, patterns, and management. Lewis VL Jr, et al. **J Trauma** 1985 Jan;25(1):90-3

Nonoperative management of extradural hematoma. Bullock R, et al. **Neurosurgery** 1985 May;16(5):602-6

Posttraumatic acute arterial subdural hematoma manifested during anesthesia. Mann KS, et al. **Neurosurgery** 1985 Mar; 16(3):387-90

Traumatic aneurysm of the posterior inferior cerebellar artery caused by fracture of the clivus. Meguro K, et al. **Neurosurgery** 1985 May;16(5):666-8

Posttraumatic meningioma. Schiffer J, et al. **Neurosurgery** 1985 Jul;17(1):84-7

Intracerebral pneumatoceles following facial trauma: CT findings. Mendelsohn DB, et al. **Radiology** 1985 Jan; 154(1):115-8

[Sequelae of frontobasal injuries and their treatment] Cesteleyn L, et al. **Acta Stomatol Belg** 1984 Dec; 81(4):273-86 (Eng. Abstr.) **(Dut)**

[Leptomeningeal cyst and extensive osteolysis. Rare complication of fractures of the skull. Apropos of 4 cases] Pascaud JL, et al. **Ann Radiol (Paris)** 1984 Dec;27(8):659-63 (Eng. Abstr.) **(Fre)**

[Post-traumatic isolated retrobulbar emphysema] Leleux D, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):655-6 **(Fre)**

[Surgical treatment of diplopia caused by fractures of the orbital floor] Morax S, et al. **J Fr Ophtalmol** 1984; 7(10):633-47 (Eng. Abstr.) **(Fre)**

[Bacterial meningitis as a late complication of persistent traumatic cerebrospinal fluid fistulas] Süss W, et al. **Aktuel Traumatol** 1984 Oct;14(5):193-4 (Eng. Abstr.) **(Ger)**

[Chronic anterior hypophyseal insufficiency following frontobasal skull fractures] Göpel W, et al. **Z Gesamte Inn Med** 1985 Apr 1;40(7):209-13 (Eng. Abstr.) **(Ger)**

[Skull fracture and intracranial complications in blunt head injury. With special reference to comparison between children and adults] Yodonawa M, et al. **Neurol Med Chir (Tokyo)** 1984 Aug;24(8):615-21 (Eng. Abstr.) **(Jpn)**

[Posttraumatic aneurysm-like shadow at the supraclinoid portion of the internal carotid artery--a case report] Enomoto H, et al. **No Shinkei Geka** 1985 Feb;13(2):197-200 (Eng. Abstr.) **(Jpn)**

[Otologic complications of head injuries] Sekula J, et al. **Otolaryngol Pol** 1985;39(1):1-6 (Eng. Abstr.) **(Pol)**

[Cerebral contusions in injuries with fractures of the bones of the skull in children] Sumerkina MM, et al. **Zh Nevropatol Psikhiatr** 1985;85(6):888-95 (Eng. Abstr.) **(Rus)**

[Subarachnoid hemorrhages in craniocerebral injuries in children] Badalian LO, et al. **Zh Vopr Neirokhir** 1985 Jan-Feb;(1):20-4 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Observations on distichiasis, telecanthus, ectropion and blow-out orbital fracture. Rogers PA. **Aust J Ophthalmol** 1984 May;12(2):179-81

[Arteriovenous fistula of the temporal vessels--a rare complication of blunt cranial trauma] Heher W, et al. **HNO** 1985 Jul;33(7):332-4 (Eng. Abstr.) **(Ger)**

[Echographic diagnosis of orbital floor fractures] Rochels R, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Oct; 63(10):494-7 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

Analysis of the treatment of basilar skull fractures with and without antibiotics. Ignelzi RJ, et al. **J Neurosurg** 1975 Dec; 43(6):721-6

EMBRYOLOGY

[Seat belts and the fracture of the fetal skull] Kreutzfeldt B, et al. **Ugeskr Laeger** 1984 Sep 24;146(39):2955-6 (Eng. Abstr.) **(Dan)**

ETIOLOGY

Tympanic plate fracture from mandibular trauma. Conover GL, et al. **J Oral Maxillofac Surg** 1985 Apr;43(4):292-4

[Bilateral skull crush trauma] Schadel A, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Dec;63(12):618-21 (Eng. Abstr.) **(Ger)**

[Rarely occurring complications in vacuum extraction] Tarina F, et al. **Zentralbl Gynakol** 1985;107(2):102-5 (Eng. Abstr.) **(Ger)**

OCCURRENCE

Fractures of the facial skeleton in Reykjavik, Iceland, 1970-1979. (I) Mandibular fracture in 238 hospitalized patients, 1970-79. Olafsson SH. **Int J Oral Surg** 1984 Dec; 13(6):495-505

Facial fractures--the results of a prospective four-year-study. Hill CM, et al. **J Maxillofac Surg** 1984 Dec;12(6):267-70

An analysis of 2,067 cases of zygomatico-orbital fracture. Ellis E 3d, et al. **J Oral Maxillofac Surg** 1985 Jun; 43(6):417-28

Incidence of skull fractures in Olmsted County, Minnesota. Nelson EL, et al. **Neurosurgery** 1984 Sep;15(3):318-24

[Statistical notes on sinusal fractures of the face] Bellavoir A, et al. **Rev Stomatol Chir Maxillofac** 1984;85(5):414-5 (Eng. Abstr.) **(Fre)**

PATHOLOGY

The asymmetrical remodelling of two neurosurgical burr holes: a case study. Sauer NJ, et al. **J Forensic Sci** 1985 Jul;30(3):953-7

Fracture of the sella turcica. Kojima T, et al. **Neurosurgery** 1985 Feb;16(2):225-9

Temporal bone fractures: a histopathologic study. Khan AA, et al. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):177-86

[Experimental-morphologic study of depressed fracture of the skull. Experimental model] Oh S. **Neurochirurgia (Stuttg)** 1985 Jul;28(4):158-60 (Eng. Abstr.) **(Ger)**

[Was 'the incredible suicide by axe blows' in reality a homicide?] Keiser-Nielsen H. **Z Rechtsmed** 1984; 93(2):135-41 (Eng. Abstr.) **(Ger)**

[Hole fracture of the base of the skull following a fall on the chin] Metzner G, et al. **Z Rechtsmed** 1984;93(1):49-51 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Midfacial fractures: importance of angle of impact to horizontal craniofacial buttresses. Stanley RB Jr, et al. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):186-92

[Biomechanical fragility of the infant skull] Weber W. **Z Rechtsmed** 1985;94(2):93-101 (Eng. Abstr.) **(Ger)**

[Microcirculatory disorders in the acute period of craniocerebral injuries in children] Stepanova NA, et al. **Zh Nevropatol Psikhiatr** 1984;84(10):1480-3 (Eng. Abstr.) **(Rus)**

[Mechanisms of temperature asymmetries of the skin of the head in focal lesions of the brain] Kolesov SN, et al. **Zh Vopr Neirokhir** 1985 Jan-Feb;(1):33-8 (Eng. Abstr.) **(Rus)**

PSYCHOLOGY

Cognitive and personality differences between identical twins following skull fractures. Lyons MJ, et al. **J Pediatr Psychol** 1984 Dec;9(4):485-94

RADIOGRAPHY

Pneumolabyrinth after temporal bone fracture: documentation by high-resolution CT. Lipkin AF, et al. **AJNR** 1985 Mar-Apr;6(2):294-5

Computed tomography of temporal bone pneumatization: 2. Petrosquamosal suture and septum. Virapongse C, et al. **AJNR** 1985 Jul-Aug;6(4):561-8

CT demonstration of optic canal fractures. Guyon JJ, et al. **AJR** 1984 Nov;143(5):1031-4

A simple radiographic diagnosis of occult blow-out fractures. Keene J, et al. **Ann Emerg Med** 1985 Apr;14(4):335-8

Computed tomographic evaluation of ocular trauma. Cobb SR, et al. **Comput Radiol** 1985 Jan-Feb;9(1):1-10

A systematic approach to the diagnosis of transethmoidal fractures in CT. Jend HH, et al. **Eur J Radiol** 1985 Feb; 5(1):8-11

Post-traumatic extradural haematomas. CT diagnosis and features. Tapiero B, et al. **J Neuroradiol** 1984;11(3):213-26 **(Eng, Fre)**

Bitemporal compression injury caused by static loading mechanism. Report of two cases. Echizenya K, et al. **J Neurosurg** 1985 Mar;62(3):438-41

CNS trauma: head injuries. Perini S, et al. **Neurol Clin** 1984 Nov;2(4):719-43

Emergency skull radiography: the effect of restrictive criteria on skull radiography and CT use. Baker SR, et al. **Radiology** 1985 Aug;156(2):409-13

Orbital trauma in the tripod fracture. Keller JD, et al. **Rev Laryngol Otol Rhinol (Bord)** 1985;106(1):57-60

Approach to the study of temporal bone trauma. Valvassori GE. **Rev Laryngol Otol Rhinol (Bord)** 1985;106(1):63-6

[Blow-out fracture or orbito-nasal dislocation caused by indirect shock] Crestinu J. **Bull Soc Ophtalmol Fr** 1984 Apr; 84(4):389-93 **(Fre)**

[X-ray computed tomographic analysis of fractures of the external wall of the orbit] Johnson DH Jr, et al. **Rev Laryngol Otol Rhinol (Bord)** 1985;106(1):61-2 (Eng. Abstr.) **(Fre)**

[Fronto- and laterobasal injuries in childhood and adolescence] Kretschmer H. **Aktuel Traumatol** 1984 Oct; 14(5):187-92 (Eng. Abstr.) **(Ger)**

[Computer or conventional tomography? Comparative studies in craniofacial fractures] Mees K, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Jul;64(7):335-7 (Eng. Abstr.) **(Ger)**

[Occult fractures of the skull] Schratter M, et al. **Radiologe** 1985 Mar;25(3):108-13 (Eng. Abstr.) **(Ger)**

[Diagnostic potential and value of conventional radiography, x-ray tomography and high-resolution computed tomography in complex orbital trauma] Irnberger T. **ROFO** 1985 Feb;142(2):146-54 (Eng. Abstr.) **(Ger)**

[Value of computer tomography in the diagnosis of impression fractures of the cranial vault] Schulz W, et al. **Zentralbl Neurochir** 1984;45(3):245-53 (Eng. Abstr.) **(Ger)**

[Clinical contribution of 370 cases of fractures of the orbital-malar-zygomatic complex] Baldin C, et al. **Minerva Stomatol** 1984 Jul-Aug;33(4):729-35 (Eng. Abstr.) **(Ita)**

[Clinical and therapeutic problems of fractures of the zygomatico-orbital malar complex] Lolli R, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):405-13 (Eng. Abstr.) **(Ita)**

[Pathogenetic considerations on traumatic lesions of the base of the skull: fracture of the back of the sella] Tamarozzi R, et al. **Radiol Med (Torino)** 1984 Jan-Feb;70(1-2):50-1 **(Ita)**

[Value of zonography in injuries of the skull] Złomaniec J, et al. **Ann Univ Mariae Curie Sklodowska [Med]** 1982; 37:245-9 (Eng. Abstr.) **(Pol)**

[A rare case of fracture of the posterior cranial fossa] Gruszewicz Z, et al. **Otolaryngol Pol** 1984;38(4):343-7 (Eng. Abstr.) **(Pol)**

SURGERY

Temporal bone fractures. State of the art review. Wiet RJ, et al. **Am J Otol** 1985 May;6(3):207-15

Extracranial surgery--intracerebral tumour. Millar SW, et al. **Anaesthesia** 1985 Aug;40(8):777-9

Cranioplasty for traumatic deformities of the frontoorbital area. Cabbabe EB, et al. **Ann Plast Surg** 1984 Sep; 13(3):175-84

The late treatment of vertical orbital dystopia resulting from an orbital roof fracture. Horowitz JH, et al. **Ann Plast Surg** 1984 Dec;13(6):519-24

Support of unstable nasal fractures with silicone rubber wedge splints. Colclasure JB, et al. **Arch Otolaryngol** 1985 Jul;111(7):443-5

Open v closed reduction of the fractured nose. Murray JA, et al. **Arch Otolaryngol** 1984 Dec;110(12):797-802

Medial orbital blow-out fracture with entrapment. Rauch SD. **Arch Otolaryngol** 1985 Jan;111(1):53-5

Orbital floor fractures and their treatment. Janakarajah N, et al. **Aust N Z J Ophthalmol** 1985 Feb;13(1):75-80

The versatility of modern therapy in mid-facial trauma. Bütow KW, et al. **Br J Oral Maxillofac Surg** 1984 Dec; 22(6):448-54

A retrospective study of treatment of orbital floor fractures with the maxillary sinus approach. Gray LN, et al. **Br J Plast Surg** 1985 Jan;38(1):113-5

Impure blow out fracture of orbital floor. Baskara Rajan G, et al. **Indian J Ophthalmol** 1984 Jan-Feb;32(1):31-3

Blow-out fracture of the orbit in 4 children. Mizuno A, et al. **Int J Oral Surg** 1985 Jun;14(3):284-9

Trauma of the upper third of the face. Management and follow-up. Ioannides C, et al. **J Maxillofac Surg** 1984 Dec; 12(6):255-61

Fractures of the facial skeleton in the edentulous patient. Zachariades N, et al. **J Maxillofac Surg** 1984 Dec; 12(6):262-6

Cranioplasty with inner table of bone flap. Technical note. Kyoshima K, et al. **J Neurosurg** 1985 Apr;62(4):607-9

Alternative surgical method for repair of the fractured orbital floor. Tovi F, et al. **Laryngoscope** 1985 Aug;95(8):1004-5

Nasoethmoid complex injuries. Holt GR, et al. **Otolaryngol Clin North Am** 1985 Feb;18(1):87-98

Orbital blowout fractures [letter] Ballen PH. **Plast Reconstr Surg** 1985 May;75(5):763-4

Experimental and clinical results of new advances in the treatment of facial trauma. Ewers R, et al. **Plast Reconstr Surg** 1985 Jan;75(1):25-31

The role of primary bone grafting in complex craniomaxillofacial trauma. Gruss JS, et al. **Plast Reconstr Surg** 1985 Jan;75(1):17-24

[Primary surgical treatment of frontobasal injuries] Akuamoa-Boateng E, et al. **Acta Stomatol Belg** 1984 Nov; 81(3):227-39 (Eng. Abstr.) **(Dut)**

[Nasoethmoidal fractures] Bourgois F, et al. **Acta Stomatol Belg** 1984 Nov;81(3):205-11 **(Fre)**

[Fractures of the lateral third of the craniofacial region. Proposal for a therapeutic tactic] Gary-Bobo A, et al. **Ann Chir Plast Esthet** 1984;29(3):247-52 (Eng. Abstr.) **(Fre)**

[Bone graft in fractures of the orbital floor] Fily J, et al. **Bull Soc Ophtalmol Fr** 1984 Jan;84(1):65-6 (Eng. Abstr.) **(Fre)**

[A technic for osteotomy of the malar bone] Blanc JL, et al. **Rev Stomatol Chir Maxillofac** 1985;86(2):111-3 (Eng. Abstr.) **(Fre)**

[An unusual form of isolated fracture of the orbital floor: 'valve fracture'. Therapeutic problems] Merville LC, et al. **Rev Stomatol Chir Maxillofac** 1985;86(3):165-70 (Eng. Abstr.) **(Fre)**

[Functionally stable fixation in severe midface fractures using an external cranial fixator] Grätz KW, et al. **Aktuel Traumatol** 1984 Dec;14(6):259-62 (Eng. Abstr.) **(Ger)**

[Osteosynthesis treatment of periorbital fractures with the mandibular mesh system] Kurzeja A. **Aktuel Traumatol** 1984 Oct;14(5):195-9 (Eng. Abstr.) **(Ger)**

[Care of laterobasal craniocerebral injuries] Sölch O, et al. **Beitr Orthop Traumatol** 1985 Mar;32(3):147-53 (Eng. Abstr.) **(Ger)**

[Post-traumatic iatrogenic eyeball rotation. Development and reposition] Eskici A. **Fortschr Kiefer Gesichtschir** 1985; 30:133-5 **(Ger)**

[Prevention and treatment of typical errors in the therapy of lateral mid-face fractures] Meiselbach U, et al. **Fortschr Kiefer Gesichtschir** 1985;30:124-8 **(Ger)**

[Complications and sequelae in crush fractures of the mid-face and frontal bone] Schettler D, et al. **Fortschr Kiefer Gesichtschir** 1985;30:128-30 **(Ger)**

[Prevention of dish face in the care of mid-face fractures. Treatment principles and their indications from the current viewpoint] Stoll P, et al. **Fortschr Kiefer Gesichtschir** 1985; 30:121-4 **(Ger)**

[A new technic for the sealing of a frontobasal cerebrospinal fluid fistula. Experiences with a hardening alcoholic protamine solution] Krähling KH, et al. **Fortschr Med** 1984 Oct 25;102(40):1017-8 (Eng. Abstr.) **(Ger)**

[Unusual injury of the orbit and brain caused by a pile-driver] Krüger CJ, et al. **Fortschr Ophthalmol** 1984;81(3):214-6 (Eng. Abstr.) **(Ger)**

[Prevention and correction of postoperative ectropion following lid edge incision in the treatment of orbital floor fractures] Neubauer H. **Laryngol Rhinol Otol (Stuttg)** 1985 May;64(5):273 **(Ger)**

[New therapeutic concepts in fractures of the bony orbits and zygoma] Simon H. **Laryngol Rhinol Otol (Stuttg)** 1985 Feb;64(2):93-7 (Eng. Abstr.) **(Ger)**

[Plastic reconstruction of post-traumatic skull defects with bone cement] Russegger L, et al. **Unfallchirurg** 1985 Jan; 88(1):27-32 (Eng. Abstr.) **(Ger)**

[Halo-external fixation for a severe maxillofacial injury. Case report] Yamashita M, et al. **Neurol Med Chir (Tokyo)** 1985 Jun;25(6):484-8 (Eng. Abstr.) **(Jpn)**

[Reconstructive surgery in cranio-facial injuries] Bartnik W, et al. **Otolaryngol Pol** 1984;38(2):153-63 (Eng. Abstr.) **(Pol)**

[Repair of the orbital floor with a parietal bone graft] Mélega JM, et al. **Rev Paul Med** 1984 Sep-Oct;102(5):223-5 (Eng. Abstr.) **(Por)**

[Plastic operations on the orbit in posttraumatic enophthalmos with dislocation of the eyeball] Volkov VV, et al. **Oftalmol Zh** 1984;(3):154-7 (Eng. Abstr.) **(Rus)**

[Immediate result of a specialized treatment of a patient with multiple fractures of the facial bones in combined trauma] Antonov VA, et al. **Vestn Khir** 1984 Nov;133(11):93-5 **(Rus)**

THERAPY

Diagnosis and treatment of twenty-three frontal sinus fractures. Levine SB, et al. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter; 37(2):244-7

[Analysis and management of 20 cases of combined orbito-cranial injury] Lin MC. **Chung Hua Yen Ko Tsa Chih** 1985 Mar;21(2):92-4 **(Chi)**

[A case report of depressed skull fracture of the newborn treated with a vacuum extractor] Wu CM, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Feb;84(2):270-5 (Eng. Abstr.) **(Chi)**

[Long-term results after severe craniocerebral injuries. A study 8 years after the accident] Ruckert RF, et al. **Unfallchirurg** 1985 Mar;88(3):99-104 (Eng. Abstr.) **(Ger)**

VETERINARY

Vestibular syndrome associated with temporohyoid joint fusion and temporal bone fracture in three horses. Blythe LL, et al. **J Am Vet Med Assoc** 1984 Oct 1;185(7):775-81

SKULL NEOPLASMS

Paragangliomas of the petrous temporal bone. Gertler R, et al. **S Afr Med J** 1984 Oct 20;66(16):614-5

COMPLICATIONS

Congenital retinal arteriovenous communication associated with an ipsilateral cranial dermatofibrosarcoma. Karlin K, et al. **Ann Ophthalmol** 1985 Jun;17(6):363-5

A malignant lesion of the infratemporal fossa causing mandibular displacement. Case report. Heggie AA, et al. **Aust Dent J** 1984 Jun;29(3):145-9

A rare intracranial complication of cholesterol granuloma. Brodie SW, et al. **J Laryngol Otol** 1985 May;99(5):491-5

Intracranial osteogenic sarcoma complicating Paget's disease of bone--case report. Shinonaga M, et al. **Neurol Med Chir (Tokyo)** 1985 Jan;25(1):45-9

Hemangiomatous anomaly of bone in Crouzon's syndrome: case report. Alpers CE, et al. **Neurosurgery** 1985 Mar; 16(3):391-4

Intrasellar chordoma and hyperprolactinemia. Elias Z, et al. **Surg Neurol** 1985 Feb;23(2):173-6

Syringomyelia associated with a foramen magnum meningioma. Hirata Y, et al. **Surg Neurol** 1985 Mar; 23(3):291-4

[An intracranial tumor in an unusual location associated with Cushing's syndrome] Dušková J, et al. **Cesk Patol** 1985 May;21(2):113-7 (Eng. Abstr.) **(Cze)**

[Pneumocephalus secondary to fronto-ethmoidal osteoma] Fucci G, et al. **Radiol Med (Torino)** 1984 Apr;70(4):187-9 **(Ita)**

CONGENITAL

Congenital dermoid cysts at the anterior fontanelle. Report of three cases in Italian children. Stella L, et al. **Neurochirurgia (Stuttg)** 1984 Nov;27(6):186-9

[Encephalocraniocutaneous lipomatosis and linear naevus sebaceus] Schlack HG, et al. **Monatsschr Kinderheilkd** 1985 Apr;133(4):235-7 (Eng. Abstr.) **(Ger)**

[Dermoid cyst of the anterior fontanel in an infant. Case report] Sekimoto H, et al. **Neurol Med Chir (Tokyo)** 1984 Nov;24(11):897-901 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

New imaging tests for otology. Valvassori GE. **Am J Otol** 1984 Oct;5(6):434-7

Dermoid cyst of the middle ear and mastoid. Fried MP, et al. **Otolaryngol Head Neck Surg** 1984 Oct;92(5):594-6

[Olfactory neuroblastoma disclosed by blindness in a 9-month-old girl] de Champs C, et al. **Arch Fr Pediatr** 1985 Feb;42(2):119-21 (Eng. Abstr.) **(Fre)**

[Clinical applications of proton NMR tomography] Chambron J, et al. **Physiologie** 1984 Oct-Dec;21(4):281-94 **(Fre)**

[Indications for nuclear magnetic resonance tomography in tumors of the facial skeleton and neck area] Mödder U, et al. **Digitale Bilddiagn** 1985 Jun;5(2):55-60 (Eng. Abstr.) **(Ger)**

[Facial fibro-osteoma] Borowiec J, et al. **Wiad Lek** 1985 Mar 1;38(5):386-8 (Eng. Abstr.) **(Pol)**

[Meningioma of the posterior fossa with extracranial expansion in a child: report of a case] de Moraes Júnior LC, et al. **Arq Neuropsiquiatr** 1984 Dec;42(4):392-7 (Eng. Abstr.) **(Por)**

ETIOLOGY

[Orbital apex syndrome as a result of fibrous dysplasia of the skull with malignant evolution] Savino S, et al. **Riv Neurol** 1984 Sep-Oct;54(5):340-6 (Eng. Abstr.) **(Ita)**

PATHOLOGY

Cranial fasciitis of childhood. Ringsted J, et al. **Acta Neuropathol (Berl)** 1985;66(4):337-9

Osteogenic sarcoma of the skull. A clinicopathologic study of 19 patients. Huvos AG, et al. **Cancer** 1985 Sep 1; 56(5):1214-21

Clinical and pathologic review of 48 cases of chordoma. Rich TA, et al. **Cancer** 1985 Jul 1;56(1):182-7

Reflections on notochordal differentiation arising from a study of chordomas. Heaton JM, et al. **Histopathology** 1985 May;9(5):543-50

Chondroblastoma of the skull. Feely M, et al. **J Neurol Neurosurg Psychiatry** 1984 Dec;47(12):1348-50

Encephalocraniocutaneous lipomatosis and mixed odontogenic tumors. Savage MG, et al. **J Oral Maxillofac Surg** 1985 Aug;43(8):617-20

Chondrosarcoma in the optic canal--a case report with ultrastructural study. Kubota T, et al. **Neurol Med Chir (Tokyo)** 1985 Jan;25(1):36-41

Malignant change in an intradiploic epidermoid: report of a case and review of the literature. Yanai Y, et al. **Neurosurgery** 1985 Feb;16(2):252-6

[Osteoid oteoma associated with intraosseous meningioma. A case report] Konishi Y, et al. **No Shinkei Geka** 1984 Nov;12(12):1403-8 (Eng. Abstr.) **(Jpn)**

[A case of chondromyxoid fibroma of the frontal bone] Watanabe Y, et al. **No Shinkei Geka** 1985 Feb;13(2):167-72 (Eng. Abstr.) **(Jpn)**

[A case of B cell ALL accompanied with a complaint of a tumor formation on the skull] Tauchi M, et al. **Rinsho Ketsueki** 1984 Sep;25(9):1442-5 (Eng. Abstr.) **(Jpn)**

[Sphenoidal meningioma invading the orbit] Segal N. **Rev Chir [Oftalmol]** 1984 Oct-Dec;28(4):301-5 **(Rum)**

RADIOGRAPHY

Primary osteogenic sarcoma of the calvaria. Benson JE, et al. **AJNR** 1984 Nov-Dec;5(6):810-3

Surface reconstructions from computerized tomographic scans for evaluation of malignant skull destruction. Marsh JL, et al. **Am J Surg** 1984 Oct;148(4):530-3

Craniofacial neurofibromatosis: a roentgen profile. Gupta SK, et al. **Australas Radiol** 1984 May;28(2):97-105

Cerebrospinal fluid rhinorrhea with bilateral intradiploic epidermoid tumors: a case report. Naheedy MH, et al. **Comput Radiol** 1985 Mar-Apr;9(2):125-8

Osteoblastoma of the temporal bone: CT findings. Gellad FE, et al. **J Comput Assist Tomogr** 1985 May-Jun; 9(3):577-9

Computed tomography of malignant lymphoma involving the skull. Holtås S, et al. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):725-7

Computed tomography in the diagnosis of primary tumors of the petrous bone. Mafee MF, et al. **Laryngoscope** 1984 Nov;94(11 Pt 1):1423-30

Benign chondroblastoma of the occipital bone. Ohnishi T, et al. **Surg Neurol** 1985 Jul;24(1):52-6

[Hemangioma of the skull--report of 12 cases] Li SX. **Chung Hua I Hsueh Tsa Chih** 1984 Aug;64(8):496-8 **(Chi)**

[Hemangiopericytoma of the petrous bone. Considerations apropos of 5 surgically treated cases] Geuna E, et al. **Neurochirurgie** 1985;31(1):51-9 (Eng. Abstr.) **(Fre)**

[Demarcation of the forms of osteofibrous tumors of the facial bones] Bausch J. **Laryngol Rhinol Otol (Stuttg)** 1984 Sep; 63(9):460-3 (Eng. Abstr.) **(Ger)**

[Computed tomographic diagnosis of facial bone tumors] Wehr M, et al. **Radiol Diagn (Berl)** 1985;26(3):339-47 (Eng. Abstr.) **(Ger)**

[Malignant lymphomas of the orbit, facial bones and the parapharyngeal space] Mödder U, et al. **Radiologe** 1985 May;25(5):213-6 (Eng. Abstr.) **(Ger)**

[CT findings in chordomas of the base of the skull] Vogelsang H, et al. **ROFO** 1985 Apr;142(4):369-73 (Eng. Abstr.) **(Ger)**

[Neurofibromatosis in childhood. Computed tomographic findings in the skull and neck areas] Zanella FE, et al. **ROFO** 1984 Nov;141(5):498-504 (Eng. Abstr.) **(Ger)**

[Chondromyxoma in the middle cranial fossa. Case report] Okada Y, et al. **Neurol Med Chir (Tokyo)** 1985 Feb; 25(2):119-24 (Eng. Abstr.) **(Jpn)**

[Case of aneurysmal bone cyst of the skull] Mima S, et al. **No Shinkei Geka** 1984 Jun;12(7):825-31 (Eng. Abstr.) **(Jpn)**

[Clinical x-ray characteristics of chondrosarcoma of the facial skeleton] Bakhtiiarova VI, et al. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):40-1 (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

Doughnut sign on bone scintigraphy in angioblastic meningioma. Chun JH, et al. **Clin Nucl Med** 1985 Jan; 10(1):48-9

[Peritumor interstitial double nuclide-double compound lymphoscintigraphy in the noninvasive detection of lymphatic metastases in tumors in the area of the face, skull and mouth cavities] Jung H, et al. **Fortschr Kiefer Gesichtschir** 1985;30:178-82 **(Ger)**

RADIOTHERAPY

Precision, high dose radiotherapy. II. Helium ion treatment of tumors adjacent to critical central nervous system structures. Saunders WM, et al. **Int J Radiat Oncol Biol Phys** 1985 Jul;11(7):1339-47

SECONDARY

Face pain and diplopia in a patient with breast cancer. Kay MC. **Am J Ophthalmol** 1985 Aug 15;100(2):344-5

Metastatic squamous cell carcinoma in the neck invading the facial canal--a case report. Kitajiri M, et al. **Auris Nasus Larynx** 1984;11(3):171-6

Simultaneous demonstration of photopenic ('cold') and osteoblastic ('hot') skull metastases in a patient with neuroblastoma. Garty I, et al. **Clin Nucl Med** 1985 Jul; 10(7):529

Metastatic small cell carcinoma of the temporal bone. A case report. Tan J, et al. **J Laryngol Otol** 1984 Dec; 98(12):1267-71

Skull metastasis of thyroid carcinoma. Study of 12 cases. Nagamine Y, et al. **J Neurosurg** 1985 Oct;63(4):526-31

Choriocarcinoma metastatic to the maxillofacial region. Sesenna E, et al. **J Oral Maxillofac Surg** 1985 Jul; 43(7):543-6

Metastatic skeletal disease in the pediatric population. Leeson MC, et al. **J Pediatr Orthop** 1985 May-Jun;5(3):261-7

[Cranial and cervical metastases of vascular nature in thyroid cancer. Apropos of 2 cases] Monteil JP, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(1):53-7 (Eng. Abstr.) **(Fre)**

[A rarely recognized metastatic localization. Secondary involvement of the occipito-cervical joint] Belloir A, et al. **J Radiol** 1984 Oct;65(10):705-9 (Eng. Abstr.) **(Fre)**

[Skull base metastasis of prostatic cancer presenting as exophthalmos--a case report] Kurisu K, et al. **Gan No Rinsho** 1985 Mar;31(3):303-7 (Eng. Abstr.) **(Jpn)**

[Cranial metastasis of hepatocellular carcinoma. Report of three cases] Nakao S, et al. **Neurol Med Chir (Tokyo)** 1985 Mar;25(3):229-34 (Eng. Abstr.) **(Jpn)**

[Lung metastasis of intraosseous meningioma prior to craniotomy. Case report] Onoda K, et al. **Neurol Med Chir (Tokyo)** 1985 Apr;25(4):306-10 (Eng. Abstr.) **(Jpn)**

[Recurrence on base of the skull in carcinoma of the oropharynx--clinical usefulness of computed tomography and conformation radiotherapy] Tanaka Y, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Feb 25; 45(2):356-63 (Eng. Abstr.) **(Jpn)**

SECRETION

Catecholamine-secreting infratemporal fossa paraganglioma. Cantrell RW, et al. **Ann Otol Rhinol Laryngol** 1984 Nov-Dec;93(6 Pt 1):583-8

SURGERY

Infratemporal fossa approach for lesions in the temporal bone and base of the skull. Fisch U. **Adv Otorhinolaryngol** 1984; 34:254-66

Transmandibular exposure of the skull base. Krespi YP, et al. **Am J Surg** 1984 Oct;148(4):534-8

Cancer surgery of the skull base. Krespi YP. **Clin Plast Surg** 1985 Jul;12(3):389-92

Normalization of thyroid stimulating hormone levels in acromegalic patients after selective adenomectomy. Tsuchiya H, et al. **Endocrinol Jpn** 1984 Dec;31(6):687-95

Primary chondroid chordoma arising from the base of the temporal bone. A 10-year post-operative follow-up. Hasegawa M, et al. **J Laryngol Otol** 1985 May;99(5):485-9

Varying esotropia-exotropia. Metz HS, et al. **J Pediatr Ophthalmol Strabismus** 1985 May-Jun;22(3):97-9

Multidisciplinary approaches to skull base tumors. Osguthorpe JD, et al. **J SC Med Assoc** 1984 Aug; 80(8):416-8

Resection of upper aerodigestive tract tumors involving the middle cranial fossa. Close LG, et al. **Laryngoscope** 1985 Aug;95(8):908-14

Pectoralis major myocutaneous reconstruction of the anterior skull base. Sasaki CT, et al. **Laryngoscope** 1985 Feb; 95(2):162-6

Reconstruction of the skull base. Schuller DE, et al. **Laryngoscope** 1984 Oct;94(10):1359-64

Usefulness of the orbitofrontomalar approach associated with bone reconstruction for frontotemporosphenoid meningiomas. Pellerin P, et al. **Neurosurgery** 1984 Nov; 15(5):715-8

Surgical reconstruction after extensive skull base surgery. Baker SR. **Otolaryngol Clin North Am** 1984 Aug; 17(3):591-9

Glomus tumors of the temporal bone: contemporary evaluation and therapy. Brammer RE, et al. **Otolaryngol Clin North Am** 1984 Aug;17(3):499-512

The infratemporal fossa approach for the lateral skull base. Fisch U, et al. **Otolaryngol Clin North Am** 1984 Aug; 17(3):513-52

Surgery in lesions of the petrous apex. Flood LM, et al. **Otolaryngol Clin North Am** 1984 Aug;17(3):565-75

Spinal fluid leakage after skull base surgical procedures. Myers DL, et al. **Otolaryngol Clin North Am** 1984 Aug; 17(3):601-12

Pain following surgery of the skull base. Sataloff RT, et al. **Otolaryngol Clin North Am** 1984 Aug;17(3):613-25

Management of cranial nerve injury following surgery of the skull base. Sataloff RT, et al. **Otolaryngol Clin North Am** 1984 Aug;17(3):577-89

[Primary Ewing's sarcoma of the basal bone of the cranium] Yi ZC, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Mar; 23(3):164-5, 191 (Eng. Abstr.) **(Chi)**

[Tumoral pathology of the craniomandibular field] Moussu M, et al. **Ann Chir Plast Esthet** 1984;29(3):233-40 (Eng. Abstr.) **(Fre)**

[Malignant course of a tumor of the olfactory placode (the value of electron microscopy)] Gaillard J, et al. **J Fr Otorhinolaryngol** 1984 Oct;33(8):393-6 **(Fre)**

[Giant intra-extracranial meningioma of the calvaria] Djindjian M, et al. **Neurochirurgie** 1984;30(5):341-5 (Eng. Abstr.) **(Fre)**

[Invasion of the craniofacial mass in meningioma. Problems of excision and reconstruction] Pellerin P, et al. **Rev Otoneuroophtalmol** 1984 Jul-Dec;56(4-5):389-99 (Eng. Abstr.) **(Fre)**

[Possibilities and limits of microsurgery of tumors of the sellar region. Meningiomas, craniopharyngiomas] Probst C. **Schweiz Rundsch Med Prax** 1984 Aug 7;73(32):982-6 (Eng. Abstr.) **(Ger)**

[Osteoma of the temporal bone--a case report] Ohhashi M, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 May; 87(5):590-5 (Eng. Abstr.) **(Jpn)**

[Combined transsphenoidal and transoral approach for clivus chordoma] Kobayashi S, et al. **No Shinkei Geka** 1984 Nov; 12(12):1339-46 **(Jpn)**

THERAPY

Combined-modality treatment of osteogenic sarcoma of the skull. Sundaresan N, et al. **J Neurosurg** 1985 Oct; 63(4):562-7

Giant cell tumor of the skull. Motomochi M, et al. **Surg Neurol** 1985 Jan;23(1):25-30

[Angiographic and surgical control of the vertebral and carotid pedicles supplying giant paraganglioma of the skull base and neck] George B, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(1):59-63 (Eng. Abstr.) **(Fre)**

[Malignant tumors of the ethmoid] Piquet JJ, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(5):481-4 (Eng. Abstr.) **(Fre)**

[Chemical embolization using estrogen for aneurysmal bone cyst of the skull: case report] Ikeda H, et al. **No Shinkei Geka** 1985 Feb;13(2):203-8 (Eng. Abstr.) **(Jpn)**

ULTRASTRUCTURE

Ecchordosis physaliphora and chordoma: a comparative ultrastructural study. Ho KL. **Clin Neuropathol** 1985 Mar-Apr;4(2):77-86

VETERINARY

Cranial tumors in aged cattle causing Horner's syndrome and exophthalmos. Guard CL, et al. **Cornell Vet** 1984 Oct; 74(4):361-5

Chondrosarcoma arising in a multilobular chondroma in a cat. Morton D. **J Am Vet Med Assoc** 1985 Apr 15; 186(8):804-6

Canine sinonasal skeletal neoplasms: chondrosarcomas and osteosarcomas. Patnaik AK, et al. **Vet Pathol** 1984 Sep; 21(5):475-82

[Ethmoid tumors in moose and roe deer] Borg K, et al. **Nord Vet Med** 1985 May-Jun;37(3):145-60 (Eng. Abstr.) **(Swe)**

SKUNKS see under **CARNIVORA**

SLAUGHTERHOUSES see **ABATTOIRS**

SLEEP

New data on the wake-sleep rhythm of children aged from 2 1/2 to 4 1/2 years. Koch P, et al. **Acta Paediatr Scand** 1984 Sep;73(5):667-73

Nocturnal oxyhemoglobin desaturation following tracheostomy for obstructive sleep apnea. Fletcher EC, et al. **Am J Med** 1985 Jul;79(1):35-42

Relationship of ventricular ectopy to nocturnal oxygen desaturation in patients with chronic obstructive pulmonary disease. Shepard JW Jr, et al. **Am J Med** 1985 Jan; 78(1):28-34

Potentiation of antidepressant medications by phase advance of the sleep-wake cycle. Sack DA, et al. **Am J Psychiatry** 1985 May;142(5):606-8

Mortality risk factors in the elderly [letter] Kripke DF, et al. **Am J Public Health** 1985 Jul;75(7):788-9

Upper GI function in sleeping infants. Berquist WE, et al. **Am Rev Respir Dis** 1985 May;131(5):S26-9

Chronic ventilatory failure caused by abnormal respiratory pattern generation during sleep. Bradley TD, et al. **Am Rev Respir Dis** 1984 Oct;130(4):678-81

Sleep and memory. Idzikowski C. **Br J Psychol** 1984 Nov; 75 (Pt 4):439-49

Sleep helps healing [editorial] Adam K, et al. **Br Med J [Clin Res]** 1984 Nov 24;289(6456):1400-1

Nocturnal hypoglycaemia in patients receiving conventional treatment with insulin. Pramming S, et al. **Br Med J [Clin Res]** 1985 Aug 10;291(6492):376-9

Breathing, sleep, and diabetic autonomic neuropathy. Catterall JR, et al. **Diabetes** 1984 Nov;33(11):1025-7

Nocturnal penile tumescent evaluation of erectile function in insulin-dependent diabetic men. Schiavi RC, et al. **Diabetologia** 1985 Feb;28(2):90-4

Night-time sleep EEG changes following body heating in a warm bath. Horne JA, et al. **Electroencephalogr Clin Neurophysiol** 1985 Feb;60(2):154-7

Sleep and epilepsy. Montplaisir J, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:215-39

Sleep and sleepiness following a behaviourally 'active' day. Horne JA, et al. **Ergonomics** 1985 Mar;28(3):567-75

Relationships between sleep and retirement-nonretirement status. Webb WB, et al. **Int J Aging Hum Dev** 1984-85; 20(1):13-9

Sleep and cognitive functions in normal older adults. Berry DT, et al. **J Gerontol** 1985 May;40(3):331-5

Age trends of early awakening and feeling worse in the morning than in the evening in apparently normal people. Abe K, et al. **J Nerv Ment Dis** 1985 Aug;173(8):495-8

Shiftwork and the length and quality of sleep. Frese M, et al. **J Occup Med** 1984 Aug;26(8):561-6

Sleep apnea diagnosis in a sleep laboratory. Bloxham TJ, et al. **Kans Med** 1985 Jan;86(1):15-6

Sleep promotion, hospital practice and recovery from illness. Cumming G. **Med Hypotheses** 1984 Sep;15(1):31-7

Infant sleep position: a New Zealand survey. Hassall IB, et al. **NZ Med J** 1985 Feb 27;98(773):97-9

Influence of ambient temperature on the sleep-wakefulness cycle in the golden hamster. Sichieri R, et al. **Physiol Behav** 1984 Dec;33(6):871-7

Give him a Nytol. Mandell HN. **Postgrad Med** 1985 Jul; 78(1):28-9, 32

Napping in shift work. Akerstedt T, et al. **Sleep** 1985; 8(2):105-9

Historical note on sleep and eye movements. Schiller F. **Sleep** 1984;7(3):199-201

The nature and timing of sleep. Dinges DF. **Trans Stud Coll Physicians Phila** 1984 Sep;6(3):177-206

[Investigation of somatotropin secretion. Comparative study of 8 stimulation tests in 599 children and results of somatotropin secretion during sleep] Rochiccioli P, et al. **Ann Pediatr (Paris)** 1985 Feb;32(2):93-6 (Eng. Abstr.) **(Fre)**

[Sleep in school-age children] Kahn A, et al. **Rev Med Brux** 1985 Jun;6(6):405-7 (Eng. Abstr.) **(Fre)**

[Control of breathing during non-REM sleep] Nishimura M. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar; 23(3):276-85 (Eng. Abstr.) **(Jpn)**

[Abnormal breathing during sleep in patients with chronic respiratory failure] Ohi M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar; 23(3):296-301 (Eng. Abstr.) **(Jpn)**

[Nocturnal desaturation in patients with chronic lung disease--with special reference to the effect on pulmonary circulation] Sawada M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar; 23(3):302-10 (Eng. Abstr.) **(Jpn)**

[Effects of sex hormones on breathing during waking and sleep] Takasaki Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar; 23(3):286-95 (Eng. Abstr.) **(Jpn)**

[Polysomnography on lissencephaly] Hiura K, et al. **No To Hattatsu** 1984 Sep;16(5):359-64 (Eng. Abstr.) **(Jpn)**

[Paroxysmal disorders during sleep as the debut of epilepsy in children] Boldyrev AI. **Zh Nevropatol Psikhiatr** 1985; 85(6):867-71 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Actions of centrally administered neuropeptide Y on EEG activity in different rat strains and in different phases of their circadian cycle. Zini I, et al. **Acta Physiol Scand** 1984 Sep;122(1):71-7

Differential CNS sensitivity to PIA and theophylline in long-sleep and short-sleep mice. Proctor WR, et al. **Alcohol** 1985 Mar-Apr;2(2):387-91

Modulating effects of biogenic amines on calcium and ethanol-induced sleeping time. Sutoo D, et al. **Alcohol** 1984 Mar-Apr;1(2):141-4

A genetic analysis of ethanol, pentobarbital, and methyprylon sleep-time response. Howerton TC, et al. **Alcoholism (NY)** 1984 Nov-Dec;8(6):546-50

Effects of a muramyl dipeptide on the temperature and sleep-wake cycles of the squirrel monkey. Wexler DB, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R672-80

Effects of protein synthesis inhibitors on sleep and amygdala-kindled seizure thresholds in cats. Belsito O, et al. **Behav Neural Biol** 1984 Jul;41(2):209-16

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